

PROJECT MANUAL

Dining Hall & Kitchen Project @ Matilija Middle School
PROJECT NO. 2019-1604

Bid Opening: October 8, 2019, 2:00 P.M.

for

OJAI UNIFIED SCHOOL DISTRICT

July 23, 2019

CONTENTS

Notice to Contractors Calling for Bids-----	Pages 3-4
Information for Bidders -----	Pages 5-15
Bid Form -----	Pages 16-17
OUSD Contract -----	Pages 18-30
Bid Bond -----	Page 32
Designation of Subcontractors -----	Pages 34-35
Certification of Contractors -----	Page 37
Non Collusion Affidavit -----	Page 39
Prevailing Wage Certification -----	Page 41
Workers Compensation -----	Page 43
Criminal Background Check -----	Pages 45-46
Drug-Free Workplace Certification -----	Pages 48-49
Alcohol and Tobacco-Free Certification -----	Page 51
Asbestos-Free Material Certification -----	Page 53
Performance Bond -----	Pages 55-56
Payment Bond -----	Pages 58-59
Project Scope -----	Pages 61
Project Plans -----	Page 62-199

DOCUMENT 00020

NOTICE TO CONTRACTORS CALLING FOR BIDS

NOTICE IS HEREBY GIVEN that **Ojai Unified School District** of Ventura County, California, acting by and through its Governing Board, hereinafter referred to as the DISTRICT will receive up to, but not later than 2:00 o'clock p.m. of the 8th day of October, 2019, sealed bids for the award of a contract for:

Dining Hall & Kitchen Project @ Matilija Middle School
Project Number: 2019-1604

Bids shall be received in the office of the Business Department, OJAI UNIFIED SCHOOL DISTRICT located at 414 E Ojai Ave, Ojai, CA 93023 and shall be opened and publicly read aloud at the above-stated time and place.

A **mandatory Pre-Bid Conference** will be held on **August 15, 2019 at 10:00 am** for the purpose of acquainting all prospective bidders with the bid documents and the work sites. The pre-bid conference will held at:

Matilija Middle School: 703 El Paseo Road, Ojai 93023

Any Contractor bidding on the Project who fails to attend the entire mandatory job walk and conference will be deemed a non-responsive bidder and will have its bid returned unopened. Each bidder submitting a bid shall evidence attending the mandatory job walk by providing the following information on the District's sign-in sheet that will be made available at the job walk: name of the person attending, the company's name, and the CSLB license number of the bidder. The person attending the mandatory job walk shall be an employee, officer or other legally authorized representative of the bidder and this person shall provide a pre-printed business card identifying the bidder and the name of the person attending the job walk. Failure to meet these requirements will render a bidder's bid non-responsive and the bid will be returned unopened.

Each bid must conform and be responsive to the contract documents, copies of which are now on file and may be obtained after July 23, 2019 on the Ojai Unified School District Website (<https://vrapp.vendorregistry.com/Bids/Manager/BidsList?menuitem=Solicitations>).

Each bid shall be accompanied by the security referred to in the contract documents, the non-

NOTICE TO CONTRACTORS

collusion affidavit, the list of proposed subcontractors, and all additional documentation required by the Instructions to Bidders.

In contracts involving an expenditure in excess of \$25,000.00, the successful bidder shall file a payment bond issued by an admitted Surety approved to conduct business in the State of California approved by the District in the form set forth in the contract documents.

The District reserves the right to reject any or all bids or to waive any irregularities or informalities in any bids or in the bidding.

The Director of Industrial Relations has determined the general prevailing rate of per diem wages in the locality in which this work is to be performed for each craft or type of worker needed to execute the contract which will be awarded to the successful bidder. The prevailing rate of per diem wages as determined by the State Director of Industrial Relations are AVAILABLE ON THE INTERNET at the World Wide Website of the State Department of Industrial Relations at www.dir.ca.gov under Statistics and Research.

It shall be mandatory upon the Contractor to whom the contract is awarded, and upon any subcontractor under him, to pay not less than the said specified rates to all workers employed by them in the execution of the contract.

Minority, women, and disabled veteran contractors are encouraged to submit bids. This bid **is not** subject to Disabled Veteran Business Enterprise requirements.

This contract **is** subject to a labor compliance program, as described in subdivision (b) of Section 1771.5 of the Labor Code.

Each bidder shall be a licensed contractor pursuant to the Business and Professions Code and shall be licensed in one of the following classifications: California Contractors A License or California Contractors B License.

No bidder may withdraw a bid for a period of sixty (60) days after the date set for the opening of bids.

Dated this July 23, 2019

Adam Dutter
Bond Manager
OJAI UNIFIED SCHOOL DISTRICT
of Ventura County, California

END OF DOCUMENT

NOTICE TO CONTRACTORS

DOCUMENT 00100
INFORMATION FOR BIDDERS

1. Preparation of Bid Form

The District invites bids on the **attached** form to be submitted at such time and place as is stated in the Notice to Contractors Calling for Bids, not later than 2:00 o'clock pm of the 8th day of October, 2019. Bids shall be received in the Business Office located at Ojai Unified School District, 414 E Ojai Ave, Ojai, CA 93023. All blanks in the bid form must be appropriately filled in, and all prices must be stated in both words and figures. If a different price is stated in words than is stated in figures, the price stated in words shall be the price bid. All bids must be submitted in sealed envelopes bearing on the outside the name of the bidder, their address, and the name of the project for which the bid is submitted. It is the sole responsibility of the bidder to see that his bid is received in proper time. All bids received after the scheduled closing time for receipt of bids will be returned to the bidder unopened.

2. Bid Security

Each bid shall be accompanied by a certified or cashier's check payable to District, or a satisfactory bid bond in favor of District executed by the bidder as principal and an admitted surety approved to conduct business in the State of California as surety, in an amount specified in the Special Conditions hereof. The check or bid bond shall be given as a guarantee that the bidder shall execute the contract if it be awarded to him in conformity with the contract documents and shall provide the surety bond or bonds as specified therein within five (5) days after notification of the award of the contract to the bidder.

3. Faxed and Electronic Mail Bids

All bids must be under sealed cover. District will not accept any bids or bid modifications submitted by facsimile or electronic mail transmission.

4. Signature

The bid must be signed in the name of the bidder and must bear the signature in longhand of the person or persons duly authorized to sign the bid.

5. Modifications

Changes in or additions to the bid form, recapitulations of the work bid upon, alternative proposals, or any other modification of the bid form which is not specifically called for in the contract documents may result in the District's rejection of the bid as not being responsive to the invitation to bid. No oral or telephonic modification of any bid submitted will be considered and a telegraphic modification may be considered only if

INFORMATION FOR BIDDERS

the postmark evidences that a confirmation of the telegram duly signed by the bidder was placed in the mail prior to the opening of bids.

6. Erasures/Mutilation of Bid Documents

The bid submitted must not contain any erasures, interlineations, or other corrections unless each such correction is suitably authenticated by affixing in the margin immediately opposite the correction the surname or surnames of the person or persons signing the bid.

Contractors should not deface or mutilate the bid documents to the extent that they may not be usable for construction purposes. Bid documents obtained under deposit shall be returned within 10 days after bid opening.

7. Examination of Site and Contract Documents

Each bidder shall be required to visit the site of the proposed work and fully acquaint himself with the conditions relating to the construction and labor so that he may fully understand the facilities, difficulties, and restrictions attending the execution of the work under the contract. Bidders shall thoroughly examine and be familiar with the drawings and specifications. The failure or omission of any bidder to receive or examine any contract documents, form, instrument, addendum, or other document or to visit the site and acquaint himself with conditions there existing shall in no way relieve any bidder from obligations with respect to his bid or to the contract

7.1 Each bidder, by making his bid represents that he has read and understands the Contract and Bid Documents and any and all related reports and information. After executing the Agreement, no consideration will be given to any claim of misunderstanding of the documents.

7.2 Each bidder, by making his bid, represents that he has visited the site, inspected the area of the work, and familiarized himself with the local conditions under which the work is to be performed. Such inspection shall specifically consider requirements for accessing the site and determining the work can be completed as required by, and as shown in, the Contract Documents.

7.3 With District's approval, including provision of insurance as required, and after scheduling access with the District, each bidder may conduct additional site investigations at the bidder's sole cost.

8. Withdrawal of Bids

INFORMATION FOR BIDDERS

Any bidder may withdraw his bid either personally, by written request, or by telegraphic request confirmed in the manner specified above at any time prior to the scheduled closing time for receipt of bids.

9. Agreements and Bonds

The Agreement form which the successful bidder, as Contractor, will be required to execute, and the forms and amounts of surety bonds which he will be required to furnish at the time of execution of the Agreement, are included in the contract documents and shall be carefully examined by the bidder. The required number of executed copies of the Agreement, the Performance Bond, and the Payment Bond for Public Works is as specified in the Special Conditions.

The Performance Bond must be executed by an admitted Surety approved to conduct business in the State of California which meets the highest standards the District is legally permitted to establish and which it has established.

The Payment Bond must be in the amount of 100 percent of the total amount payable. The Payment Bond must be executed by an admitted Surety approved to conduct business in the State of California which meets the highest standards the District is legally permitted to establish.

Bonds shall be in the form set forth in the contract documents.

10. Interpretation of Plans and Documents

If any person contemplating submitting a bid for the proposed contract is in doubt as to the true meaning of any part of the drawings, specifications, or other contract documents, or other information pertaining to the site (including any available soils or geotechnical report) or finds discrepancies in, or omissions from the drawings and specifications, he is hereby required in accordance with Public Contract Code section 1104 to submit to the Architect a written request for an interpretation or correction thereof. The person submitting the request will be responsible for its prompt delivery. Any interpretation or correction of the contract documents or other available information will be made only by addendum duly issued and a copy of such addendum will be mailed or delivered to each person receiving a set of the contract documents. At the option of the District, all addenda may be mailed, delivered, faxed, made available for pick-up or sent via electronic mail. District shall have the option to send a hard copy via regular mail or overnight delivery, at the option of District. No oral interpretation of any provision in the contract documents will be made to any bidder. Numbers spelled out in words will take precedence over numerals / figures. The last date to submit a request for information shall be October 1, 2019.

11. Bidders Interested in More Than One Bid and Bidders Not Qualified to Bid

INFORMATION FOR BIDDERS

No person, firm, or corporation shall be allowed to make, or file, or be interested in more than one bid for the same work unless alternate bids are specifically called for. A person, firm, or corporation that has submitted a subproposal to a bidder, or that has quoted prices of materials to a bidder, is not thereby disqualified from submitting a subproposal or quoting prices to other bidders or making a prime proposal. **No person, firm, or corporation shall be allowed to bid who has participated in the preparation of contract specifications; a bid by such a person, firm or corporation shall be determined to be nonresponsive.**

12. Award of Contract

The District reserves the right to reject any or all bids, or to waive any irregularities or informalities in any bids or in the bidding. The award of the contract, if made by the District, will be to the lowest responsible bidder therefore.

13. Additive and Deductive Items: Method of Determining Lowest Bid

Pursuant to Public Contract Code section 20103.8, should this bid solicitation include additive and/or deductive items, the checked [X] method shall be used to determine the lowest bid:

☒ (a) The lowest bid shall be the lowest bid price on the base contract without consideration of the prices on the additive or deductive items.

☐ (b) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items taken in the numerical order set forth in the bid form.

☐ (c) The lowest bid shall be the lowest total of the bid prices on the base contract and those additive or deductive items taken in order from a specifically identified list of those items that, when in the bid form and added to, or subtracted from, the base contract, are less than, or equal to, a funding amount publicly disclosed by the District before the first bid is opened.

☐ (d) The lowest bid shall be determined in a manner that prevents any information that would identify any of the bidders from being revealed to the public entity before the ranking of all bidders from lowest to highest has been determined.

If no method is checked, sub-paragraph (a) shall be used to determine the lowest bid.

Notwithstanding the method used by the District to determine the lowest responsible bidder, the District retains the right to add to or deduct from the contract any of the additive or deductive items included in the bid solicitation.

14. Evidence of Responsibility

INFORMATION FOR BIDDERS

Upon the request of the District, a bidder whose bid is under consideration for the award of the contract shall submit promptly to the District satisfactory evidence showing the bidder's financial resources, his construction experience in the type of work being required by the District, and his organization available for the performance of the contract and any other required evidence of the bidder's qualifications to perform the proposed contract. The District may consider such evidence before making its decision awarding the proposed contract. Failure to submit requested evidence of a bidder's responsibility to perform the proposed contract may result in rejection of the bid.

15. Listing Subcontractors

Each bidder shall submit with his sealed bid a list of the proposed subcontractors on this project as required by the Subletting and Subcontracting Fair Practices Act (Public Contract Code section 4100 and following). Forms for this purpose are furnished with the contract documents. In addition to these requirements, within one business day after the bid opening, Contractor shall provide the address, phone number, and license number of each listed subcontractor. If the bidder fails to provide information within one business day, District may in its discretion, reject the bid as nonresponsive.

16. Workers' Compensation

In accordance with the provisions of section 3700 of the Labor Code, Contractor shall secure the payment of compensation to his employees. Contractor shall sign and file with District the following certificate prior to performing the work under this contract:

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

The form of such certificate is included as part of the contract documents.

17. Substitution of Security

Monies withheld by the District to ensure performance under the contract may be released in accordance with Public Contract Code section 22300 and the contract documents.

18. Contractor's License

If, at the time the bids are opened, bidder is not licensed to perform the project in accordance with division 3, chapter 9 of the Business and Professions Code of the State

INFORMATION FOR BIDDERS

of California (Section 7028.15) and the Notice to Contractors Calling for Bids, the bid will not be considered.

19. Storm Water Permit for Construction Activity

As applicable, it shall be the responsibility of the successful bidder to file a Notice of Intent and procure a State Water Resources Control Board (State Water Board) National Pollutant Discharge Elimination System General Permit for Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activity (Permit). The successful bidder shall be solely responsible for preparing and implementing a Storm Water Pollution Prevention Plan (SWPPP) prior to initiating work. The successful bidder shall be responsible for procuring, implementing and complying with the provisions of the Permit and the SWPPP, including the standard provisions, monitoring and reporting requirements as required by Permit and as required by Article 69 of the General Conditions. It shall be the responsibility of all bidders to evaluate and include in the bid the cost of procuring the Permit and preparing the SWPPP as well as complying with the SWPPP and any necessary revisions to the SWPPP. The successful bidder shall also include in his bid the cost of monitoring as required by the Permit.

As applicable, it shall be the responsibility of the successful bidder to comply with the County of Ventura Low Impact Development techniques as outlined in the County of Ventura Low Impact Development Handbook and Appendices, available through the County of Ventura Department of Planning and Land Use, copy on file with the District.

Successful bidders will submit a weekly storm water observation and illicit discharge report to District's facilities department, attention Executive Director of Operations.

20. Ethics in Bidding.

The District expects the bidders to maintain high ethical standards in engaging in the competitive bidding process. The bid amount of one bidder should not be divulged to another before the award of the subcontract or order, nor should it be used by Contractor to secure a lower proposal from another bidder on that project (bid shopping). Subcontractors or Suppliers should not request information for the Contractor regarding any sub-bid in order to submit a lower proposal on that project (bid peddling). District will consider any bidder found to be engaging in such practices to be a non-responsible bidder and may reject its bid on that ground.

21. Substitutions and Special Brand Names

In accordance with Public Contract Code section 3400 "prior to or after the award of the contract", district must provide for "submission of data substantiating a request for a substitution of 'an equal' item." Therefore, **if the bidder is submitting "an equal" item**

INFORMATION FOR BIDDERS

or product or work, the make and grade of the item, product or work which is to be substituted shall be provided to the District in the sealed bid submittal package.

The documentation submitted must include any and all illustrations, specifications, and other relevant data including catalogue information which describes the substituted item or product or work and substantiates that it is an "or equal" to the specified item or product or work. In addition, the submittal documentation must also include a statement of the cost implications of the substitution being requested stating whether and why the substitution will reduce or increase the contract price. The documentation submitted must also include information regarding the durability and life cycle cost of the substituted item, product or work. Substantiating data shall include a signed affidavit from the Contractor stating that the substituted item or product or work is equivalent to the specified item or product or work in every way except as listed on the affidavit. Failure to submit all the needed substantiating data, including the signed affidavit, may result in a determination that the bid is nonresponsive. BIDDERS ARE SPECIFICALLY NOTIFIED THAT THE SUBMISSION OF THIS DOCUMENTATION IN NO WAY OBLIGATES THE DISTRICT OR ITS REPRESENTATIVE TO REVIEW SUCH DOCUMENTATION PRIOR TO CONTRACT AWARD. FURTHERMORE, IF A PROPOSED SUBSTITUTION IS REJECTED, BIDDER SHALL BE RESPONSIBLE TO PROVIDE THE ITEM OR PRODUCT OR WORK AS ORIGINALLY SPECIFIED AT NO ADDITIONAL COST TO THE DISTRICT. DISTRICT HAS THE COMPLETE AND SOLE DISCRETION TO DETERMINE IF AN ITEM OR ARTICLE IS AN EQUAL ITEM.

22. Fingerprinting

By law it is the District's responsibility to determine whether a contractor must provide fingerprint certification. Pursuant to Education Code section 45125.2, the District considers the totality of the circumstances in order to determine if fingerprinting of employees of a contractor working on a school site is required. Factors to be considered include the length of time the contractor's employees are on school grounds, whether students are in proximity with the location where the contractor's employees are working, and whether the contractor's employees are working alone or with others. **A determination regarding whether fingerprint certification is required is contained in the special conditions.**

23. Labor Compliance Program.

This contract is X /is not subject to a labor compliance program, as described in subdivision (b) of Section 1771.5 of the Labor Code. If this contract is subject to the requirements of Section 1771.7 of the Labor Code, the District to is required initiate and enforce a labor compliance program, as described in subdivision (b) of Section 1771.5 of the Labor Code. The law requires that District's labor compliance program shall include, but not be limited to, the following requirements:

- (a) All bid invitations and public works contracts shall contain appropriate language concerning the requirements of this chapter.

INFORMATION FOR BIDDERS

- (b) A pre-job conference shall be conducted with the contractor and subcontractors to discuss federal and state labor law requirements applicable to the contract.
- (c) Project contractors and subcontractors shall maintain and furnish, at a designated time, a certified copy of each weekly payroll containing a statement of compliance signed under penalty of perjury.
- (d) The District shall review, and, if appropriate, audit payroll records to verify compliance with this chapter.
- (e) The District shall withhold contract payments when payroll records are delinquent or inadequate.
- (f) The District shall withhold contract payments equal to the amount of underpayment and applicable penalties when, after investigation, it is established that underpayment has occurred.

The District shall enforce a labor compliance program. A copy of the labor compliance program as currently adopted by the District is included with these bid documents. The labor compliance program which is approved by the Director of the Department of Industrial Relations (the "Labor Compliance Program") is incorporated by reference into the Contract and it will be enforced as required by state law and regulations and the Director of the Department of Industrial Relations.

In accordance with subdivision (b)(1) of Section 1771.5 of the Labor Code, the following notice is given: Contractor and any subcontractors are required to review and comply with the provisions of the California Labor Code, Part 7, Chapter 1, beginning with Section 1720, and the regulations of the Department of Industrial Relations implementing those provisions as more fully discussed in the Contract Documents and the labor compliance program as currently adopted by the District which is included with the bid documents. These statutory and regulatory provisions contain specific requirements, for example, concerning the determination and payment of prevailing wages, retention, inspection and auditing of payroll records, use of apprentices, payment of overtime compensation, securing of workers compensation insurance, and various criminal penalties or fines which may be imposed for violations of the requirements of the chapter. Submission of a bid constitutes Contractor's representation that it has thoroughly reviewed these requirements.

24. Disabled Veterans Participation Goals.

In accordance with Education Code section 17076.11, this District has a participation

INFORMATION FOR BIDDERS

goal for disabled veteran business enterprises ("DVBE") of at least 3 percent per year of the overall dollar amount of funds allocated to the District by the State Allocation Board pursuant to the Leroy F. Greene School Facilities Act of 1998 for construction or modernization and expended each year by the District. Prior to, and as a condition precedent for final payment under any contract for such project, the Contractor shall provide appropriate documentation to the District identifying the amount paid to disabled veteran business enterprises in conjunction with the contract, so that the District can assess its success at meeting this goal.

The Office of Small Business and DVBE Certification (OSDC), (916) 375-4940, www.osmb.dgs.ca.gov/BIS/bis_queries/bis_queries_menu.asp,

is an information resource to assist bidders in locating Disabled Veteran Business Enterprises. (Please note: while the OSDC may be used as a resource, the DVBE Program administered by OSDC applies to state contracts not local agency (school district) contracts.)

25. Bid Protests.

Any bidder having submitted a bid on the project may file a protest against the proposed contract award or challenging the validity of other bids. The protest must meet all of the following requirements:

The protest shall be submitted in writing and shall contain all the materials required by these provisions; one that does not contain all the required material shall not be recognized.

The protest shall be received by the Owner no later than the close of business on the second business day after bid opening; one received after that time shall not be recognized.

Each protest shall contain the following:

- (a) Identification by name, address, and telephone number of the protesting person(s) company and/or organization and identification of the project to which the protest pertains.
- (b) The protest shall set forth in detail all grounds for the protest, including without limitation all facts, identification by name of any other bids or bidders involved with the protest, all supporting documentation, together with any legal authorities and/or argument in support of the grounds for the protest. Any matters not set forth in the written protest shall be deemed waived. All factual contentions must be supported by content, admissible, and credible evidence.

Any protest not conforming to the requirements of this section shall be rejected as invalid.

INFORMATION FOR BIDDERS

Where a protest is filed in conformity with this section, the Owner's staff, or such individual(s) as may be designated by the Owner, shall review and evaluate the basis of protest and provide a written decision to the protesting bidder. The written decision shall either concur with or deny the protest.

Submission of a written protest to and receipt of a written decision from the Owner's staff shall be considered an administrative remedy, and failure to follow this procedure shall be a bar to any legal action.

The written decision by the Owner's staff may be appealed to the Owner. The appeal must be filed with the Owner's governing board or other governing body within two business days of the protesting bidder's receipt of the written decision of the Owner's staff.

The appeal must clearly state the reasons and basis for appealing the decision of the Owner's staff, making specific reference to any portions of the material submitted with the protest required.

A hearing on the appeal shall be held before the Owner's governing board or other governing body within 45 days of receipt of the appeal.

The owner's governing board or other governing body will make a decision within seven days following the hearing. The decision of the Owner's governing board or other governing body is not subject to arbitration, mediation, reconsideration, or further appeal.

Submission of an appeal to and receipt of a decision from the Owner's governing board or other governing body shall be considered an administrative remedy, and failure to follow this procedure shall be a bar to any legal action.

26. Procedure for Protesting Being Deemed a Non-Responsive Bidder.

Any bidder or prospective bidder deemed non-responsive after having submitted a bid may file an appeal of the action to the Owner's governing body or other governing body. The protest must meet all of the following requirements.

- (a) The appeal shall be submitted in writing, and shall contain all the materials required by these provisions; one that does not contain all the required material shall not be recognized.
- (b) The appeal must be received by the Owner's governing board or other governing body within two business days of the action by the Owner giving rise to the protest; one received after that time shall not be recognized.
- (c) A hearing on the appeal shall be held before the Owner's governing board or other governing body prior to the award of contract.

INFORMATION FOR BIDDERS

- (d) The decision of the Owner's governing board or other governing body is not subject to arbitration, mediation, reconsideration, or further appeal.
- (e) Submission of a protest to and receipt of a decision from the Owner's governing board or other governing body shall be considered an administrative remedy, and failure to follow this procedure shall be a bar to any legal action.

END OF DOCUMENT

INFORMATION FOR BIDDERS

DOCUMENT 00300
BID FORM

TO: Ojai Unified School District, acting by and through its Governing Board, herein called the "District":

1. Pursuant to and in compliance with your Notice to Contractors Calling for Bids and the other documents relating thereto, the undersigned bidder, having thoroughly examined and familiarized himself with the terms of the contract, the local conditions affecting the performance of the contract and the cost of the work at the place where the work is to be done, and with the drawings and specifications and other contract documents, hereby proposes and agrees to perform, within the time stipulated, the contract, including all of its component parts, and everything required to be performed, and to provide and furnish any and all of the labor, materials, tools, expendable equipment, and all utility and transportation services necessary to perform the contract and complete in a workmanlike manner all of the work required in connection with (complete all that apply):

Dining Hall & Kitchen Project @ Matilija Middle School
Project Number: 2019-1604

all in strict conformity with the drawings and specifications and other contract documents, including addenda numbers _____, _____, and _____, on file at the office of the Director of Purchasing of said District for the **base bid amount of** _____ **Dollars (\$** _____ **).**

2. It is understood that the District reserves the right to reject this bid and that this bid shall remain open and not be withdrawn for the period specified in the Notice to Contractors Calling for Bids.
3. The required bid security is attached hereto.
4. The required unit prices form is attached hereto.
5. The required contractor registration certifications form is attached hereto.
6. Non-collusion affidavit is attached hereto.
7. The required list of proposed subcontractors is attached hereto.
8. It is understood and agreed that bidder shall provide the addresses, telephone numbers, and license numbers of all listed subcontractors within one business day of bid opening or bidder's bid may be rejected as nonresponsive.
9. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a contract in the form attached hereto in accordance with the bid as accepted. The undersigned will also furnish and deliver to the District the Performance Bond and Payment Bond for Public Works as specified, all within five (5) days after receipt of notification of award. The work under the contract shall be commenced by the undersigned bidder, if awarded the contract, on the date to be stated in the District's Notice to the Contractor to Proceed, and shall be completed by the Contractor in the time specified in the contract documents.
10. Notice of acceptance or requests for additional information should be addressed to the undersigned at the address stated below.

11. The names of all persons interested in the foregoing proposal as principals are as follows:

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state legal name of corporation, also names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state true name of firm, also names of all individual co-partners comprising the firm; if bidder or other interested person is an individual, state first and last names in full.)

12. Bidder certifies that he is licensed in accordance with the law providing for the registration of Contractors, License No. _____, Expiration Date _____, class of license _____.

I, _____, the _____ of the bidder, hereby certify under penalty of perjury under the laws of the State of California, that all of the information submitted by the bidder in connection with this bid and all of the representations made herein are true and correct.

Executed on this _____ day of _____ at _____ County, California.

Proper Name of Bidder _____

By _____

Signature of Bidder

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signatures of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his or her signature shall be placed above.

Business Address: _____

Place of Residence: _____

Telephone: () _____

END OF DOCUMENT



AGREEMENT FOR CONSTRUCTION SERVICES

AGREEMENT NUMBER 2019-1604

THIS CONTRACT is made and entered into this _____ day of _____, 20_____, by and between _____ ("Contractor") and _____ School District ("District") ("Contract").

1. The Contractor shall furnish to the District for a total price of _____ Dollars (\$ _____) ("Contract Price"), including a contingency allowance as provided in the project specifications of _____ Dollars (\$ _____) the following services ("Services" or "Work"):

[LIST SERVICES OR ATTACH SCOPE OF WORK AND DESIGNATE AS EXHIBIT "A"]

2. Contractor shall perform the Work at _Matilija Middle School ("Premises" or "Site"). The Project is the scope of Work performed at the Site.
3. Work shall be completed within _two hundred and seventy-three (_273_) consecutive calendar days ("Contract Time") from the date specified in the District's Notice to Proceed.
4. Contractor agrees that if the Work is not completed within the Contract Time and/or pursuant to the completion schedule, construction schedule, or project milestones developed pursuant to provisions of the Contract, it is understood, acknowledged, and agreed that the District will suffer damage which is not capable of being calculated. Pursuant to Government Code section 53069.85, Contractor shall pay to the District, as fixed and liquidated damages for these incalculable damages, the sum of two thousand Dollars (\$2000) per day for each and every calendar day of delay beyond the Contract Time or beyond any completion schedule, construction schedule, or project milestones established pursuant to the Contract.
5. The Contract Documents include only the following documents, as indicated:

____ Notice to Bidders
____ Instructions to Bidders
____ Bid Form and Proposal
____ Bid Bond
____ Designated Subcontractors List
____ Notice to Proceed
____ Terms and Conditions to Contract
____ Noncollusion Declaration
____ Prevailing Wage Certification

____ Asbestos & Other Hazardous Materials Certification
____ Lead-Product (s) Certification
____ Roofing Project Certification
____ Insurance Certification & Endorsements
 X Performance Bond
 X Payment Bond
____ Specifications

____ Workers' Compensation Certification
____ Criminal Background Investigation Certification
____ Drug-Free Workplace Certification
____ Tobacco-Free Environment Certification
____ Certification of Contractor and Subcontractor
____ PWC 100 submitted on Dept. of Industrial Relations website
____ Certification of Financial Relationships –AB 635
____ Certification of Financial Relationships in Regard to Roofing Project

____ Plans
____ Scope of Work
____ Contractor Qualification Questionnaire

6. Contractor shall not commence the Work under this Contract until the Contractor has submitted and the District has approved the performance bond, payment (labor and material) bond, the certificate(s) and affidavit(s), and the endorsement(s) of insurance required under the Terms and Conditions and the District has issued a Notice to Proceed.
7. Payment for the Work shall be made in accordance with the Terms and Conditions.
8. The architect for the Project is _____ ("Architect"), the project manager on the Project is _____ ("Project Manager"), and the project inspector on the Project is _____ ("Project Inspector"). Contractor hereby acknowledges that the Architect, the Project Manager, the Project Inspector, and the Division of the State Architect have authority to approve and/or stop Work if the Contractor's Work does not comply with the requirements of the Contract Documents, Title 24 of the California Code of Regulations, and all applicable laws. No work shall be carried on except with the knowledge and under the inspection of said Project Inspector. Project Inspector shall have free access to any or all parts of work at any time. Contractor shall furnish Project Inspector reasonable opportunities for obtaining such information as may be necessary to keep Project Inspector fully informed respecting progress, manner of work, and character of materials. The Contractor shall be liable for any delay caused by its non-compliant Work or its failure to provide proper notification for inspection.
9. Inspection and acceptance of the Work shall be performed by representative of the District.
10. Any notice required or permitted to be given under this Contract shall be deemed to have been given, served, and received if given in writing and either personally delivered or deposited in the United States mail, registered or certified mail, postage prepaid, return receipt required, or sent by overnight delivery service, or facsimile transmission, addressed as follows:

District

_____ School District

ATTN: _____

[ADDRESS] _____

[E - MAIL] _____

Contractor

Name: _____

ATTN: _____

[ADDRESS] _____

[E - MAIL] _____

Any notice personally given or sent by facsimile transmission shall be effective upon receipt. Any notice sent by overnight delivery service shall be effective the business day next following delivery to the overnight delivery service. Any notice given by mail shall be effective three (3) days after deposit in the United States mail.

11. Contractor shall guarantee all labor and material used in the performance of this Contract for a period of one year from the date of the District's written approval of the Work or as provided in the job specifications.
12. This Contract incorporates by this reference the Terms and Conditions attached hereto. Contractor, by executing this Contract, agrees to comply with all the Terms and Conditions.
13. Each party has the full power and authority to enter into and perform this Contract, and the person signing this Contract on behalf of each party has been properly authority and empowered to enter into this Contract.
14. By signing this Agreement, Contractor certifies, under penalty of perjury, that all the information provided in the Contract Documents is true, complete, and correct.

ACCEPTED AND AGREED on the date indicated below:

Dated: _____, 20____

Dated: _____ 20____

School District

Contractor: _____

Signature: _____

Signature: _____

Print Name: _____

Print Name: _____

Print Title: _____

Print Title: _____

Address: _____

Address: _____

Telephone: _____

Telephone: _____

Facsimile: _____

Facsimile: _____

E-Mail: _____

E-Mail: _____

Information regarding Contractor:

License No.: _____

Employer Identification and/or

Address: _____

Social Security Number

Telephone: _____

Facsimile: _____

E-Mail: _____

NOTE: Section 6041 of the Internal Revenue Code (26 U.S.C. 6041) and Section 1.6041-1 of Title 26 of the Code of Federal Regulations (26 C.F.R. 1.6041-1) requires the recipients of \$600.00 or more to furnish their taxpayer information to the payer. In order to comply with these requirements, the District requires the Contractor to furnish the information requested in this section.

Type of Business Entity:

☐ Individual ☐ Other: _____
☐ Sole Proprietorship
☐ Partnership
☐ Limited Partnership
☐ Corporation, State: _____
☐ Limited Liability Company

TERMS AND CONDITIONS TO CONTRACT

1. **NOTICE TO PROCEED:** District shall provide a Notice to Proceed to Contractor pursuant to the Contract at which time Contractor shall proceed with the Work.
2. **STANDARD OF CARE:** Contractor shall perform, diligently prosecute and complete the Work in a good and workmanlike manner within the Contract Time, and in strict conformity with all Contract Documents.
3. **SITE EXAMINATION:** Contractor has examined the Site and certifies that it accepts all measurements, specifications and conditions affecting the Work to be performed at the Site. By submitting its quote, Contractor warrants that it has made all Site examination(s) that it deems necessary as to the condition of the Site, its accessibility for materials, workers and utilities, and Contractor's ability to protect existing surface and subsurface improvements.
4. **PERMITS, LICENSES AND REGISTRATION:** Contractor and all of its employees, agents, and subcontractors shall secure and maintain in force, at Contractor's sole cost and expense, all licenses, registration and permits as are required by law, in connection with the furnishing of materials, supplies, or services herein listed.
5. **PROJECT INSPECTION CARD:** Contractor shall verify that forms DSA 152 Project Inspection Card (or current version) are issued for the Project prior to commencement of construction.
6. **NOTIFICATION:** Contractor shall notify the Architect and Project Inspector, in writing, of the commencement and completion of construction of each and every aspect of the work at least 48 hours in advance by submitting form DSA 156 (or the most current version) to the Project Inspector. Forms are available on the DSA's website at: <http://www.dgs.ca.gov/dsa/Forms.aspx>.
7. **EQUIPMENT AND LABOR:** Contractor shall furnish all tools, equipment, apparatus, facilities, transportation, labor, and material necessary to furnish the services herein described, the services to be performed at such times and places as directed by and subject to the approval of the authorized District representative indicated in the Work specifications attached hereto.
8. **SUBSTITUTIONS:** No substitutions of material from those specified in the Work Specifications shall be made without the prior written approval of the District. Contractor shall be responsible for any re-design costs occasioned by District's acceptance and/or approval of any substitute, as well as any costs that the District incurs for professional services, including DSA fees. District may deduct those costs from any amounts owing to Contractor for the review of the request for substitution, even if the request for substitution is not approved. Contractor shall, in the event that a substitute is less costly than that specified, credit the District with one-hundred percent (100%) of the net difference between the substitute and the originally specified material.

9. INDEPENDENT CONTRACTOR STATUS: While engaged in carrying out the Services of this Contract, the Contractor is an independent contractor, and not an officer, employee, agent, partner, or joint venture of the District. Contractor shall be solely responsible for its own Worker's Compensation insurance, taxes, and other similar charges or obligations. Contractor shall be liable for its own actions, including its negligence or gross negligence, and shall be liable for the acts, omissions, or errors of its agents or employees.

10. CONTRACTOR SUPERVISION: Contractor shall provide competent supervision of personnel employed on the job Site, use of equipment, and quality of workmanship.

11. WORKERS: Contractor shall at all times enforce strict discipline and good order among its employees and the employees of its subcontractors and shall not employ or work any unfit person or anyone not skilled in work assigned to him or her. Any person in the employ of the Contractor or a subcontractor whom the District may deem incompetent or unfit shall be dismissed from the Site and shall not again be employed at Site without written consent from the District.

12. SUBCONTRACTORS: Subcontractors, if any, engaged by the Contractor for any Service or Work under this Contract shall be subject to the approval of the District. Contractor agrees to bind every subcontractor by the terms of the Contract as far as such terms are applicable to subcontractor's work, including, without limitation, all indemnification, insurance, bond, and warranty requirements. If Contractor shall subcontract any part of this Contract, Contractor shall be fully responsible to the District for acts and omissions of its subcontractor and of persons either directly or indirectly employed by itself. Nothing contained in the Contract Documents shall create any contractual relations between any subcontractor and the District.

13. SAFETY AND SECURITY: Contractor is responsible for maintaining safety in the performance of this Contract. Contractor shall be responsible to ascertain from the District the rules and regulations pertaining to safety, security, and driving on school grounds, particularly when children are present.

14. FINGERPRINTING OF EMPLOYEES: Contractor shall comply with the provisions of Education Code section 45125.1 regarding the submission of employee fingerprints to the California Department of Justice and the completion of criminal background investigations of its employees. Contractor shall not permit any employee to have any contact with District pupils until such time as the Contractor has verified in writing to the governing board of the District that the employee has not been convicted of a felony, as defined in Education Code section 45122.1. Contractor's responsibility shall extend to all employees, subcontractors, agents, and employees or agents of subcontractors regardless of whether those individuals are paid or unpaid, concurrently employed by the District, or acting as independent contractors of the Contractor. Unless the District determines that the Contractor will have limited contact with students, verification of compliance with this section and the Criminal Background Investigation Certification required with this Contract shall be provided to the District prior to Contractor performing any portion of the Work.

15. TRENCH SHORING: If this Contract is in excess of \$25,000 and is for the excavation of any trench deeper than five (5) feet, Contractor must submit and obtain District acceptance, in advance of excavation, of a detailed plan showing the design of shoring, bracing, sloping, or other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If the plan varies from the shoring system standards, the plan shall be prepared by a registered civil or structural engineer.

16. EXCAVATIONS OVER FOUR FEET: If this Contract includes excavations over four (4) feet,

Contractor shall promptly, and before the following conditions are disturbed, notify the District, in writing, of any: (1) Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law; (2) Subsurface or latent physical conditions at the site differing from those indicated; or (3) Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract. The District shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work shall issue a change order under the procedures described in the Contract. In the event that a dispute arises between the District and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the work, the Contractor shall not be excused from any scheduled completion date provided for by the contract, but shall proceed with all Work to be performed under the contract. The Contractor shall retain any and all rights provided either by Contract or by law which pertain to the resolution of disputes and protests between the contracting parties.

17. LEAD-BASED PAINT: Pursuant to the Lead-Safe Schools Protection Act (Education Code Section 32240 et seq.) and other applicable law, no lead-based paint, lead plumbing and solders, or other potential sources of lead contamination shall be utilized on this Project, and only trained and state-certified contractors, inspectors and workers shall undertake any action to abate existing risk factors for lead. Pursuant to the Renovation, Repair and Painting Rule (title 40 of the Code of Federal Regulations part 745 (40 CFR 745)), all contractors who disturb lead-based paint in a six-square-foot area or greater indoors or a 20-square-foot area outdoors must be trained by an EPA accredited provider and certified by the EPA. Contractor must execute the Lead-Based Paint Certification, if applicable.

18. CLEAN UP: Debris shall be removed from the Premises. The Site shall be in order at all times when work is not actually being performed and shall be maintained in a reasonably clean condition.

19. PROTECTION OF WORK AND PROPERTY: Contractor shall erect and properly maintain at all times, as required by conditions and progress of the Work, all necessary safeguards, signs, barriers, lights, and security persons for protection of workers and the public, and shall post danger signs warning against hazards created by the Work. In an emergency affecting life and safety of life or of Work or of adjoining property, Contractor, without special instruction or authorization from District, is permitted to act at his discretion to prevent such threatened loss or injury.

20. FORCE MAJEURE: The Contractor shall be excused from performance hereunder during the time and to the extent that it is prevented from obtaining delivery, or performing by act of God, fire, strike, loss, or shortage of transportation facilities, lock-out, commandeering of materials, product, plant, or facilities by the government, when satisfactory evidence thereof is presented to the District, provided that it is satisfactorily established that the non-performance is not due to the fault or neglect of the Contractor.

21. CORRECTION OF ERRORS: Contractor shall perform, at its own cost and expense and without reimbursement from the District, any work necessary to correct errors or omissions which are caused by the Contractor's failure to comply with the standard of care required herein.

22. ACCESS TO WORK: District representatives, Architect, and Project Inspector shall at all time have access to the Work wherever it is in preparation or in progress. Contractor shall provide safe and proper facilities for such access.

23. OCCUPANCY: District reserves the right to occupy buildings at any time before formal Contract completion and such occupancy shall not constitute final acceptance or approval of any part of the Work covered by this Contract, nor shall such occupancy extend the date specified for completion of the Work.

24. PAYMENT: On a monthly basis, Contractor shall submit an application for payment based upon the estimated value for materials delivered or services performed under the Contract as of the date of submission ("Application for Payment"). Within thirty (30) days after District's approval of the Application for Payment, Contractor shall be paid a sum equal to ninety-five percent (95%) of the value of the Work performed (as verified by Architect and Inspector and certified by Contractor) up to the last day of the previous month, less the aggregate of previous payments and amount to be withheld. The District may withhold or deduct from any payment an amount necessary to protect the District from loss because of: (1) liquidated damages which have accrued as of the date of the application for payment; (2) any sums expended by the District in performing any of Contractor's obligations under the Contract which Contractor has failed to perform or has performed inadequately; (3) defective Work not remedied; (4) stop payment notices as allowed by state law; (5) reasonable doubt that the Work can be completed for the unpaid balance of the Total Contract price or by the scheduled completion date; (6) unsatisfactory prosecution of the Work by Contractor; (7) unauthorized deviations from the Contract; (8) failure of the Contractor to maintain or submit on a timely basis proper and sufficient documentation as required by the Contract or by District during the prosecution of the Work; (9) erroneous or false estimates by the Contractor of the value of the Work performed; (10) any sums representing expenses, losses, or damages, as determined by the District, incurred by the District for which Contractor is liable under the Contract; and (11) any other sums which the District is entitled to recover from Contractor under the terms of the Contract or pursuant to state law, including section 1727 of the California Labor Code. The failure by the District to deduct any of these sums from a progress payment shall not constitute a waiver of the District's right to such sums. The District shall retain five percent (5%) from all amounts owing as retention. Retention shall be paid pursuant to Public Contract Code sections 7107, 7200 and 7201.

25. CHANGE IN SCOPE OF WORK: Any change in the scope of the Work, method of performance, nature of materials or price thereof, or any other matter materially affecting the performance or nature of the Work shall not be paid for or accepted unless such change, addition, or deletion is approved in advance and in writing by a valid change order executed by the District. Contractor specifically understands, acknowledges, and agrees that the District shall have the right to request any alterations, deviations, reductions, or additions to the Project or Work, and the cost thereof shall be added to or deducted from the amount of the Contract Price by fair and reasonable valuations. Contractor also agrees to provide the District with all information requested to substantiate the cost of the change order and to inform the District whether the Work will be done by the Contractor or a subcontractor. In addition to any other information requested, Contractor shall submit, prior to approval of the change order, its request for a time extension (if any), as well as all information necessary to substantiate its belief that such change will delay the completion of the Work. If Contractor fails to submit its request for a time extension or the necessary supporting information, it shall be deemed to have waived its right to request such extension.

26. INDEMNIFICATION: To the furthest extent permitted by California law, Contractor agrees to defend, indemnify, and hold harmless District, its officers, agents, employees, and/or volunteers

from any and all claims, demands, losses, damages and expenses, including legal fees and costs, or other obligations or claims arising out of any liability or damage to person or property, or any other loss, sustained or claimed to have been sustained arising out of activities of the Contractor or those of any of its officers, agents, employees, or subcontractors of Contractor, whether such act or omission is authorized by this Agreement or not. Contractor shall also pay for any and all damage to the Real and Personal Property of the District, or loss or theft of such Property, done or caused by such persons. District assumes no responsibility whatsoever for any property placed on District premises by Contractor, Contractor's agents, employees or subcontractors. Contractor further hereby waives any and all rights of subrogation that it may have against the District. The District shall have the right to accept or reject any legal representation that Contractor proposes to defend the District. The provisions of this Indemnification do not apply to any damage or losses caused solely by the negligence of the District or any of its officers, agents, employees, and/or volunteers.

27. CONTRACTOR'S INSURANCE: Contractor, at its own cost and expense, shall procure and maintain during the term of this Contract, policies of insurance for the following types of coverage

27.1 Workers' Compensation and Employers' Liability Insurance. Contractor shall procure and maintain, during the term of this Agreement, Workers' Compensation Insurance, as required by California law, on all of its employees engaged in work related to the performance of this Agreement. In the case of any such work which is subcontracted, Contractor shall require all subcontractors to provide Workers' Compensation Insurance for all of the subcontractor's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workers' Compensation Insurance.

Contractor and all subcontractors shall procure and maintain, during the term of this Agreement Employers' Liability insurance of \$1,000,000.

27.2 Commercial General Liability Insurance. Contractor shall procure and maintain, during the term of this Agreement, not less than the following General Liability Insurance coverage:

	<u>Each Occurrence</u>	<u>Aggregate</u>
Low Risk Projects	\$ 1,000,000.00	\$ 2,000,000.00
Intermediate Risk	\$ 2,000,000.00	\$ 4,000,000.00
High Risk	\$ 5,000,000.00	\$ 10,000,000.00

Commercial General Liability insurance shall include products/completed operations, broad form property damage, and personal and advertising injury coverage.

Any and all subcontractors hired by Contractor in connection with the Services described in this Contract shall maintain such insurance unless the Contractor's insurance covers the subcontractor and its employees.

27.3 Automobile Liability. If vehicles will be driven on district property, Contractor shall procure and maintain, during the full term of this Agreement following Automobile Liability Insurance with the following minimum coverage limits:

Personal vehicles:	\$ 500,000.00 combined single limit or \$ 100,000.00 per person / \$300,000.00 per accident
Commercial vehicles:	\$1,000,000.00 combined single limit

Contractor's and any and all subcontractor's Commercial Automobile Liability Insurance shall name the District, its employees, and school board members as additional insureds.

27.4 Builder's Risk. District shall procure and maintain, during the term of this Contract, Builders' Risk coverage.

~~27.5 Other Coverage as Dictated by the District. Contractor shall procure and maintain, during the term of this Agreement, the following other Insurance coverage:~~

	<u>Each Occurrence</u>	<u>Aggregate</u>
<input type="checkbox"/> Pollution Liability	\$ 1,000,000.00	\$ 2,000,000.00
<input type="checkbox"/> Other: _____	\$ _____	\$ _____

27.6 Certificates of Insurance. Contractor and any and all subcontractors working for Contractor shall provide certificates of insurance to the District as evidence of the insurance coverage required herein, not less than fifteen (15) days prior to commencing work for the District, and at any other time upon the request of the District. Certificates of such insurance shall be filed with the District on or before commencement of the services under this Agreement.

Contractor's and any and all Contractor subcontractor's Commercial General Liability insurance shall name the District, its employees, and school board members; the Architect; and the Project Manager as additional insureds. The Contractor's policy(ies) shall be primary; any insurance carried by the District, other than Builder's Risk, shall only be secondary and supplemental.

Insurance written on a "claims made" basis is to be renewed by the Contractor and all Contractor subcontractors for a period of five (5) years following termination of this Agreement. Such insurance must have the same coverage and limits as the policy that was in effect during the term of this agreement, and will cover the Contractor for all claims made.

The policy(ies) shall not be amended or modified and the coverage amounts shall not be reduced without thirty (30) days written notice to the District prior to cancellation.

27.7 Failure to Procure Insurance. Failure on the part of Contractor, or any of its subcontractors, to procure or maintain required insurance shall constitute a material breach of contract under which the District may immediately terminate this Contract.

28. PAYMENT BOND AND PERFORMANCE BOND: Contractor shall not commence the Work until it has provided to the District, in a form acceptable to the District, a Payment (Labor and Material)

Bond and a Performance Bond, each in an amount equivalent to one hundred percent (100%) of the Contract Price issued by a surety admitted to issue bonds in the State of California and otherwise acceptable to the District.

29. WARRANTY/QUALITY: Unless a longer warranty is called for elsewhere in the Contract Documents, the Contractor, manufacturer, or their assigned agents shall guarantee the workmanship, product or service performed against defective workmanship, defects or failures of materials for a minimum period of one (1) year from filing the Notice of Completion with the county in which the Site is located. All workmanship and merchandise must be warranted to be in compliance with applicable California energy, conservation, environmental, and educational standards.

30. CONFIDENTIALITY: The Contractor shall maintain the confidentiality of all information, documents, programs, procedures, and all other items that Contractor encounters while performing the Contractor's Services to the extent allowed by law. This requirement shall be ongoing and shall survive the expiration or termination of this Contract and specifically includes all student, parent, and disciplinary information.

31. COMPLIANCE WITH LAWS: Contractor shall give all notices and comply with all laws, ordinance, rules and regulations bearing on conduct of the Work as indicated or specified. If Contractor observes that any of the Work required by this Contract is at variance with any such laws, ordinance, rules or regulations, Contractor shall notify the District, in writing, and, at the sole option of the District, any necessary changes to the scope of the Work shall be made and this Contract shall be appropriately amended in writing, or this Contract shall be terminated effective upon Contractor's receipt of a written termination notice from the District. If Contractor performs any work that is in violation of any laws, ordinances, rules or regulations, without first notifying the District of the violation, Contractor shall bear all costs arising therefrom.

32. LABOR CODE REQUIREMENTS: The Contractor shall comply with all applicable provisions of the California Labor Code, Division 3, Part 7, Chapter 1, Articles 1 – 5, including, without limitation, the payment of the general prevailing per diem wage rates for public work projects of more than one thousand dollars (\$1,000). Copies of the prevailing rate of per diem wages are on file with the District. In addition, the Contractor and each subcontractor shall comply with Chapter 1 of Division 2, Part 7 of the California Labor Code, beginning with Section 1720, and including Section 1735, 1777.5 and 1777.6, forbidding discrimination, and Sections 1776, 1777.5 and 1777.6 concerning the employment of apprentices by Contractor or subcontractors. Willful failure to comply may result in penalties, including loss of the right to bid on or receive public works contracts.

32.1 State Labor Compliance: Contractor shall perform the Work of the Project while complying with all the applicable regulations, including section 16000, et seq., of Title 8 of the California Code of Regulations and is subject to State labor compliance monitoring and enforcement by the Compliance Monitoring Unit of the Department of Industrial Relations.

32.2 Certified Payroll Records: Contractor and its subcontractor(s) shall keep accurate certified payroll records of employees and shall electronically submit certified payroll records directly to the Labor Commissioner weekly and within ten (10) days of any request by the District or the Labor Commissioner in accordance with section 16461 of Title 8 of the California Code of Regulations.

33. ANTI-DISCRIMINATION: It is the policy of the District that in connection with all work performed under Contracts there be no discrimination against any employee engaged in the work

because of race, color, ancestry, national origin, religious creed, physical disability, medical condition, marital status, sexual orientation, gender, or age and therefore the Contractor agrees to comply with applicable Federal and California laws including, but not limited to the California Fair Employment Practice Act beginning with Government Code Section 12900 and Labor Code Section 1735. In addition, the Contractor agrees to require like compliance by all its subcontractor(s).

34. DISABLED VETERAN BUSINESS ENTERPRISES: Section 17076.11 of the Education Code requires school districts using funds allocated pursuant to the State of California School Facility Program for the construction or modernization of a school building (SFP Funds) to have a participation of at least three percent (3%), per year, of the overall dollar amount expended each year by the school district, for disabled veteran business enterprises (DVBE). If this Contract uses SFP Funds, Contractor must submit, with its executed Contract, appropriate documentation to the District identifying the steps Contractor has taken to solicit DVBE participation in conjunction with this Contract.

35. ANTI-TRUST CLAIM: Contractor and its subcontractor(s) agree to assign to the District all rights, title, and interest in and to all causes of action they may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the Contract or a subcontract. This assignment shall be made and become effective at the time the District tenders final payment to the Contractor, without further acknowledgment by the parties.

36. DISPUTES: In the event of a dispute between the parties as to performance of the Work, the interpretation of this Contract, or payment or nonpayment for work performed or not performed, the parties shall attempt to resolve the dispute by those procedures set forth in Public Contract Code section 20104, et seq., if applicable. Pending resolution of the dispute, Contractor agrees it will neither rescind the Contract nor stop the progress of the Work, but will allow determination by the court of the State of California, in the county in which the District's administration office is located, having competent jurisdiction of the dispute. All claims of over \$375,000, which are outside the scope of Public Contract Code section 20104, et seq., may be determined by mediation if mutually agreeable, otherwise by litigation. Notice of the demand for mediation of a dispute shall be filed in writing with the other party to the Contract. The demand for mediation of any claim of over \$375,000 shall be made within a reasonable time after written notice of the dispute has been provided to the other party, but in no case longer than ninety (90) days after initial written notice, and the demand shall not be made later than the time of Contractor submission of the request for final payment. If a claim, or any portion thereof, remains in dispute upon satisfaction of all applicable dispute resolution requirements, the Contractor shall comply with all claims presentation requirements as provided in Chapter 1 (commencing with section 900) and Chapter 2 (commencing with section 910) of Part 3 of Division 3.6 of Title 1 of Government Code as a condition precedent to the Contractor's right to bring a civil action against the District. For purposes of those provisions, the running of the time within which a claim must be presented to the District shall be tolled from the time the claimant submits its written claim until the time the claim is denied, including any time utilized by any applicable meet and confer process.

37. ATTORNEY FEES/COSTS: Should litigation be necessary to enforce any terms or provisions of this Agreement, then each party shall bear its own litigation and collection expenses, witness fees, court costs and attorney's fees.

38. TERMINATION: If Contractor fails to perform the Services and Contractor's duties to the satisfaction of the District, or if Contractor fails to fulfill in a timely and professional manner Contractor's obligations under this Contract, or if Contractor violates any of the terms or

provisions of this Contract, District shall have the right to terminate this Contract effective immediately upon the District giving written notice thereof to the Contractor. The Contractor and its performance bond surety, if any, shall be liable for all damages caused to the District by reason of the Contractor's failure to perform and complete the Contract. District shall also have the right in its sole discretion to terminate the Contract for its own convenience upon District giving three (3) days written notice thereof to the Contractor. In case of a termination for convenience, Contractor shall be paid for the actual cost for labor, materials, and services performed that is unpaid and can be documented through timesheets, invoices, receipts, or otherwise, and five percent (5%) of the total cost of Work performed as of the date of termination, or five percent (5%) of the value of the Work yet to be performed, whichever is less. This five percent (5%) shall be full compensation for all of Contractor's and its subcontractor(s)' mobilization and/or demobilization costs and any anticipated loss profits resulting from termination of the Contractor for convenience. Termination shall have no effect upon any of the rights and obligations of the parties arising out of any transaction occurring prior to the effective date of termination.

39. ASSIGNMENT OF CONTRACT: Contractor shall not assign or transfer in any way any or all of its rights, burdens, duties, or obligations under this Contract without the prior written consent of the District.

40. TIME IS OF THE ESSENCE: Time is of the essence in the performance of and compliance with each of the provisions and conditions of this Contract.

41. CALCULATION OF TIME: For the purposes of this Contract, "days" refers to calendar days unless otherwise specified.

42. GOVERNING LAW AND VENUE: Contractor hereby acknowledges and agrees that District is a public entity, which is subject to certain requirements and limitations. This Contract and the obligations of District hereunder are subject to all applicable federal, state and local laws, rules, and regulations, as currently written or as they may be amended from time to time. This Contract shall be interpreted in accordance with the laws of the State of California. If any action is brought to interpret or enforce any term of this Contract, the action shall be brought in state or federal court situated in the County of **Ventura**, State of California. Contractor hereby waives and expressly agrees not to assert, claim or allege, in any way, that it is not subject to the personal jurisdiction of the courts named above. Contractor further agrees to waive any claim or allegation that the suit, action, or proceeding is either brought in an inconvenient forum or that the related venue is improper.

43. BINDING CONTRACT: This Contract shall be binding upon the parties hereto and upon their successors and assigns, and shall inure to the benefit of said parties and their successors and assigns.

44. DISTRICT WAIVER: District's waiver of any term, condition, covenant or waiver of a breach of any term, condition or covenant shall not constitute the waiver of any other term, condition or covenant or the waiver of a breach of any other term, condition or covenant.

45. CAPTIONS AND INTERPRETATIONS: Paragraph headings in this Contract are used solely for convenience, and shall be wholly disregarded in the construction of this Contract. No provision of this Contract shall be interpreted for or against a party because that party or its legal representative drafted such provision, and this Contract shall be construed as if jointly prepared by the parties.

46. INVALID TERM: If any provision of this Contract is declared or determined by any court of

competent jurisdiction to be illegal, invalid or unenforceable, the legality, validity or enforceability of the remaining parts, terms and provisions shall not be affected thereby, and said illegal, unenforceable or invalid part, term or provision will be deemed not to be a part of this Contract.

47. PROVISIONS REQUIRED BY LAW DEEMED INSERTED: Each and every provision of law and clause required by law to be inserted in this Contract shall be deemed to be inserted herein and this Contract shall be read and enforced as though it were included therein.

48. ENTIRE CONTRACT: This Contract sets forth the entire Contract between the parties hereto and fully supersedes any and all prior agreements, understanding, written or oral, between the parties hereto pertaining to the subject matter thereof. This Contract may be modified only by a writing upon mutual consent.

THIS PAGE INTENTIONALLY LEFT BLANK.

DOCUMENT 00410

BID BOND

KNOW ALL MEN BY THESE PRESENTS: THAT we, _____, as Principal, and _____, as Surety, are held and firmly bound unto the _____ Ojai Unified School District, hereinafter called the District, in the penal sum of PERCENT (10 %) OF THE TOTAL AMOUNT OF THE BID of the Principal submitted to the said District for the work described below for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying bid dated _____, 20____ for _____.

NOW, THEREFORE, if the Principal shall not withdraw said bid within the period specified therein after the opening of the same, or, if no period be specified, within sixty (60) days after said opening; and, if the Principal be awarded the contract, and shall within the period specified therefore, or, if no period be specified, within five (5) days after the prescribed forms are presented to him for signature, enter into a written contract with the District, in accordance with the bid as accepted and give bond with good and sufficient surety or sureties, as may be required, for the faithful performance and proper fulfillment of such contract and for the payment for labor and materials used for the performance of the contract, or in the event of the withdrawal of said bid within the period specified or the failure to enter into such contract and give such bonds within the time specified, if the Principal shall pay the District the difference between the amount specified in said bid and the amount for which the District may procure the required work and/or supplies, if the latter amount be in excess of the former, together with all costs incurred by the District in again calling for bids, then the above obligation shall be void and of no effect, otherwise to remain in full force and virtue.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract on the call for bids, or to the work to be performed thereunder, or the specifications accompanying the same, shall in anywise affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of said contract or the call for bids, or to the work, or to the specifications.

In the event suit is brought upon this bond by the District and judgment is recovered, the Surety shall pay all litigation expenses incurred by the District in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and corporate seal of each corporate party being hereto affixed and these presents duly assigned by its undersigned representative, pursuant to authority of its governing body.

(Corporate Seal)

PRINCIPAL_____

By:_____

Title:_____

SURETY:_____

By:_____

Attorney-in Fact

(Attach Attorney-in-Fact Certificate)

BID BOND

THIS PAGE INTENTIONALLY LEFT BLANK.

DOCUMENT 00430
DESIGNATION OF SUBCONTRACTORS

In compliance with the Subletting and Subcontracting Fair Practices Act (chapter 4 (commencing at section 4100), part 1, division 2 of the Public Contract Code of the State of California) and any amendments thereof, each bidder shall set forth below: (a) the name and the location of the place of business of each subcontractor who will perform work or labor or render service to the prime contractor in or about the construction of the work or improvement to be performed under this contract or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of one percent of the prime contractor's total bid and (b) the portion of the work which will be done by each subcontractor under this contract. The prime contractor shall list only one subcontractor for each such portion as is defined by the prime contractor in this bid.

If a prime contractor fails to specify a subcontractor or if a prime contractor specifies more than one subcontractor for the same portion of work to be performed under the contract in excess of one-half of one percent of the prime contractor's total bid, he shall be deemed to have agreed that he is fully qualified to perform that portion himself, and that he shall perform that portion himself.

No prime contractor whose bid is accepted shall (a) substitute any subcontractor, (b) permit any subcontract to be voluntarily assigned or transferred or allow it to be performed by any one other than the original subcontractor listed in the original bid, or (c) sublet or subcontract any portion of the work in excess of one-half of one percent of the prime contractor's total bid as to which his original bid did not designate a subcontractor, except as authorized in the Subletting and Subcontracting Fair Practices Act. Subletting or subcontracting of any portion of the work in excess of one-half of one percent of the prime contractor's total bid as to which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a finding reduced to writing as a public record of the authority awarding this contract setting forth the facts constituting the emergency or necessity.

In addition to providing the information required by this form prior to the bid opening, bidder shall be required to submit the addresses, telephone numbers, and license numbers of all listed subcontractors within one business day of the bid opening. Failure to provide the foregoing information within the time limit specified may result in the rejection of the bid as nonresponsive.

DESIGNATION OF SUBCONTRACTORS

Subcontractor Name

Portion of Work

Location and Place of Business

Proper Name of Bidder

By_____

DESIGNATION OF SUBCONTRACTORS

THIS PAGE INTENTIONALLY LEFT BLANK.

SECTION 00431
CERTIFICATION OF CONTRACTOR AND
SUBCONTRACTOR DIVISION OF INDUSTRIAL RELATIONS REGISTRATION
(DIR)

Pursuant to Public Contract Code Section 1725.5, a contractor or subcontractor must be registered with the Department of Industrial relations in order to bid on, to be listed in a bid proposal or to engage in the performance of any defined public work contract.

I _____, _____ certify that
(Name) (Title)

_____ is currently registered as a contractor with the Department of Industrial
(Contractor Name)

Relations (DIR):

Contractor's DIR Registration Number _____

Expiration date June 30, 20__

Contract further acknowledges:

1. Contractor shall maintain DIR registered status for the duration of the project without a gap in registration.
2. Contractor shall note in its invitation to bid the DIR's registration requirement for all subcontractors and their subcontractors.
3. Contractor shall ensure that all subcontractors are registered at time of bid opening and maintain registered status for the duration of the project.
4. Contractor is to furnish DIR Registration Number for all subcontractors on the project within 24 hours of the bid opening.
5. Contractor shall substitute any subcontractor with a DIR registered contractor if listed subcontractor is unable to perform the work.

Failure to comply with any of the above may result in a determination of non-responsiveness.

I declare under penalty of perjury under California law that the foregoing is true and correct.

Signature

Date

CONTRACTOR REGISTRATION CERTIFICATIONS

THIS PAGE INTENTIONALLY LEFT BLANK.

DOCUMENT 00480
NONCOLLUSION AFFIDAVIT

(To be executed by Bidder and submitted with bid)

State of California)
)
County of _____)

_____(Name), being first duly sworn, deposes and says that he is the _____ (Title) of the _____(Name) party making the attached bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed this _____ day of _____, 20____ at _____, California.

Date:

_____ Signature of Bidder

NONCOLLUSION AFFIDAVIT

THIS PAGE INTENTIONALLY LEFT BLANK.

PREVAILING WAGE CERTIFICATION

I hereby certify that I will conform to the State of California Public Works Contract requirements regarding prevailing wages, benefits, on-site audits with 48-hours notice, payroll records, and apprentice and trainee employment requirements, for all Work on the above Project, including, without limitation, the State labor compliance monitoring and enforcement by the Compliance Monitoring Unit of the Department of Industrial Relations.

Date: _____

Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

THIS PAGE INTENTIONALLY LEFT BLANK.

WORKERS' COMPENSATION CERTIFICATION

Labor Code section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

- a. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this state.
- b. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to his employees.

I am aware of the provisions of section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake selfinsurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work of this Contract.

Date: _____

Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

(In accordance with Article 5 - commencing at section 1860, chapter 1, part 7, division 2 of the Labor Code, the above certificate must be signed and filed with the awarding body prior to performing any Work under this Contract.)

THIS PAGE INTENTIONALLY LEFT BLANK.

CRIMINAL BACKGROUND INVESTIGATION CERTIFICATION

The undersigned does hereby certify to the governing board of the District as follows:

- That I am a representative of the Contractor under contract with the District;
- That I am familiar with the facts herein certified; and
- That I am authorized and qualified to execute this certificate on behalf of Contractor.

Contractor certifies that it has taken at least one of the following actions with respect to the construction Project that is the subject of the Contract (check all that applies):

The Contractor has complied with the fingerprinting requirements of Education Code section 45125.1 with respect to all Contractor's employees and all of its Subcontractors' employees who may have contact with District pupils in the course of providing services pursuant to the Contract, and the California Department of Justice has determined that none of those employees has been convicted of a felony, as that term is defined in Education Code section 45122.1. A complete and accurate list of Contractor's employees and of all of its subcontractors' employees who may come in contact with District pupils during the course and scope of the Contract is attached hereto; and/or

Pursuant to Education Code section 45125.2, Contractor has installed or will install, prior to commencement of Work, a physical barrier at the Work Site, that will limit contact between Contractor's employees and District pupils at all times; and/or

Pursuant to Education Code section 45125.2, Contractor certifies that all employees will be under the continual supervision of, and monitored by, an employee of the Contractor who the California Department of Justice has ascertained has not been convicted of a violent or serious felony. The name and title of the employee who will be supervising Contractor's employees and its subcontractors' employees is

Name: _____

Title: _____

The Work on the Contract is at an unoccupied school site and no employee and/or subcontractor or supplier of any tier of Contract shall come in contact with the District pupils.

Contractor's responsibility for background clearance extends to all of its employees, Subcontractors, and employees of Subcontractors coming into contact with District pupils regardless of whether they are designated as employees or acting as independent contractors of the Contractor.

Date: _____

Name of Contractor: _____

Signature: _____

Print Name: _____

Title: _____

THIS PAGE INTENTIONALLY LEFT BLANK.

DOCUMENT 00845

**CONTRACTOR'S CERTIFICATE
REGARDING DRUG-FREE WORKPLACE**

This Drug-Free Workplace Certification form is required from all successful bidders pursuant to the requirements mandated by Government Code sections 8350 et seq., the Drug-Free Workplace Act of 1990. The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for the procurement of any property or service from any State agency must certify that it will provide a drug-free workplace by doing certain specified acts. In addition, the Act provides that each contract or grant awarded by a State agency may be subject to suspension of payment or termination of the contract or grant, and the Contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

Pursuant to Government Code section 8355, every person or organization awarded a contract or grant from a State agency shall certify that it will provide a drug-free workplace by doing all of the following:

- a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensation, possession or use of a controlled substance is prohibited in the person's or organization's workplace and specifying actions which will be taken against employees for violations of the prohibition;
- b) Establishing a drug-free awareness program to inform employees about all of the following:
 - 1) The dangers of drug abuse in the workplace.
 - 2) The person's or organization's policy of maintaining a drug-free workplace.
 - 3) The availability of drug counseling, rehabilitation and employee-assistance programs.
 - 4) The penalties that may be imposed upon employees for drug abuse violations.
- c) Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required by subdivision (a) and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

I, the undersigned, agree to fulfill the terms and requirements of Government Code section 8355 listed above and will publish a statement notifying employees concerning (a) the prohibition of controlled substance at the workplace, (b) establishing a drug-free awareness program, and (c) requiring that each employee engaged in the performance of the contract be given a copy of the statement required by section 8355(a) and requiring that the employee agrees to abide by the terms of that statement.

I also understand that if the District determines that I have either (a) made a false certification herein; or (b) violated this certification by failing to carry out the requirements of section 8355, that the contract awarded herein is subject to termination, suspension of payments, or both. I further understand that, should I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of sections 8350 et seq.

I acknowledge that I am aware of the provisions of Government Code sections 8350 et seq. and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990.

Date: _____

Contractor

Signature

THIS PAGE INTENTIONALLY LEFT BLANK.

**CONTRACTOR'S CERTIFICATE REGARDING
ALCOHOLIC BEVERAGE AND TOBACCO-FREE CAMPUS POLICY**

Project Name _____

The CONTRACTOR agrees that it will abide by and implement the DISTRICT's Alcoholic Beverage and Tobacco-Free Campus Policy, which prohibits the use of alcoholic beverages and tobacco products, at any time, on DISTRICT-owned or leased buildings, on DISTRICT property and in DISTRICT vehicles. The CONTRACTOR shall procure signs stating "ALCOHOLIC BEVERAGE AND TOBACCO USE IS PROHIBITED" and shall ensure that these signs are prominently displayed in all entrances to school property at all times.

DATE: _____

CONTRACTOR

By: _____
Signature

THIS PAGE INTENTIONALLY LEFT BLANK.

ASBESTOS-FREE MATERIALS CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for Project Name (Hereinafter referred to as the "Project", and submitted it to the _____ SCHOOL DISTRICT (hereinafter referred to as the "Owner" on behalf of _____ (hereinafter referred to as the "Contractor").

To the best of my knowledge, information and belief, in completing the Contractor's Work for the Project, no material furnished, installed or incorporated into the Project will contain, or in itself be composed of, any materials listed by the federal or state EPA or federal or state health agencies as a hazardous material.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Executed on this _____ day of _____,
20____ at _____.

Name of Contractor (Print or Type)

By: _____

Signature

Print Name

JURAT

Title

State of California

County of _____

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20____,
by _____, proved to me on the basis of satisfactory evidence to be the
person(s) who appeared before me.

Notary Public in and for
the State of California

Seal

My Commission Expires: _____

AGREEMENT CERTIFICATION: ASB. - 4

THIS PAGE INTENTIONALLY LEFT BLANK.

DOCUMENT 00600

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS: That

WHEREAS, the _____ School District (hereinafter designated as "Public Entity"), by action taken or a resolution passed _____, 20____, has awarded to _____, hereinafter designated as the "Principal," a contract for the work described as follows (check those that apply):

- ☐ **Dining Hall & Kitchen Project @ Matilija Middle School**
☐ **PROJECT NO. 2019-1604**

(the "Project"); and

WHEREAS, said Principal is required under the terms of said contract to furnish a bond for the faithful performance of said contract,

NOW THEREFORE, we, the Principal and, as _____ (surety name) Surety, are held and firmly bound unto the Public Entity in the penal sum of _____ Dollars (\$ _____) lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if the above bounded Principal, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by and well and truly keep and perform, the covenants, conditions, and agreements in the said contract and any alteration thereof made as therein provided, on his or their part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless the Public Entity, its officers and agents, as therein stipulated, then this obligation shall become null and void, otherwise, it shall be and remain in full force and virtue.

And the said Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work to be performed thereunder, or the specifications accompanying the same, shall in anywise affect its obligation on this bond, and does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of the contract, or to the work, or to the specifications.

In the event suit is brought upon this bond by the District and judgment is recovered, the Surety shall pay all litigation expenses incurred by the District in such suit, including attorneys' fees, court costs, expert witness fees and investigation expenses.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on the ____ day of _____, 20 ____.

PRINCIPAL_____

By:_____

[Attach required acknowledgments]

SURETY_____

By: _____
Attorney-in-Fact

THIS PAGE INTENTIONALLY LEFT BLANK.

**DOCUMENT 00610
PAYMENT BOND**

KNOW ALL MEN BY THESE PRESENTS: That

WHEREAS, the _____ School District (hereinafter designated as "Public Entity"), by action taken or a resolution passed _____, 20____, has awarded to _____, hereinafter designated as the "Principal," a contract for the work described as follows (check those that apply):

- ☐ Dining Hall & Kitchen Project @ Matilija Middle School
☐ **PROJECT NO. 2019-1604**

(the "Project"); and

WHEREAS, said Principal is required by Chapter 5 (commencing at Section 3225) and Chapter 7 (commencing at Section 3247), Title 15, Part 4, Division 3 of the California Civil Code to furnish a bond in connection with said contract;

NOW THEREFORE, we, the Principal and _____, as Surety, are held and firmly bound unto the Public Entity in the penal sum of _____ Dollars (\$_____) lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal, his or its subcontractors, heirs, executors, administrators, successors or assigns, shall fail to pay (1) any of the persons named in Section 3181 of the California Civil Code, (2) amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or (3) for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of the contractor and his subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with respect to such work and labor the surety or sureties will pay for the same, in an amount not exceeding the sum hereinabove specified, and also, in case suit is brought upon this bond, all litigation expenses incurred by the Public Entity in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

This bond shall inure to the benefit of any of the persons named in Section 3181 of the California Civil Code so as to give a right of action to such persons or their assigns in any suit brought upon this bond.

It is further stipulated and agreed that the Surety on this bond shall not be exonerated or released from the obligation of this bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, specifications, or agreement pertaining or relating to any scheme or work of improvement hereinabove described, nor by any fraud practiced by any person other than the claimant seeking to recover on the bond and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given, and under no circumstances shall Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the owner or Public Entity and original contractor or on the part of any obligee named in such bond, but the sole conditions of recovery shall be that claimant is a person described in Section 3110 or 3112 of the California Civil Code, and has not been paid the full amount of his claim and that Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned.

IN WITNESS WHEREOF, this instrument has been duly executed by the Principal and Surety above named, on the _____ day of _____, 20____.

Principal_____

By _____

Surety_____

By Attorney-in- Fact_____

[Attach required acknowledgments]

THIS PAGE INTENTIONALLY LEFT BLANK.

Scope of Work:

1. Matilija Junior High School (PROJ#-1604) 703 El Paseo Rd, Ojai, CA 93023
 - a. DEMOLISH BUILDING 'B' (EXISTING DINING HALL AND KITCHEN), A#5346. CONSTRUCT NEW DINING HALL AND KITCHEN. CONNECT TO EXISTING SITE UTILITIES. NO OFF-SITE WORK ANTICIPATED. MINOR SITE WORK TO PROVIDE ACCESSIBILITY AT NEW BUILDING, MATCH EXISTING PAVEMENT SURFACES AND GRADES AROUND PERIMETER OF NEW BUILDING, AND CONSTRUCT NEW 3-TIER COVERED SEATING ATTACHED TO NEW BUILDING.

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

MATILIJJA JUNIOR HIGH SCHOOL DINING HALL AND KITCHEN (BUILDING B) FOR OJAI UNIFIED SCHOOL DISTRICT

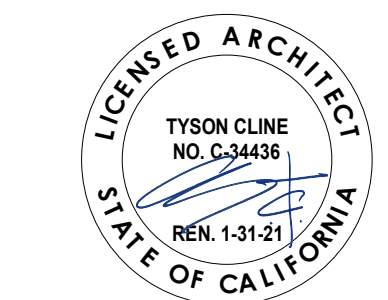


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TITLE SHEET

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

T-1.0

7/8/2019 8:48:31 AM

APPLICABLE CODES

CONSTRUCTION SHALL COMPLY WITH 2016 TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR), INCLUDING THE FOLLOWING:

2016 CALIFORNIA BUILDING STANDARDS CODE, C.C.R. TITLE 24

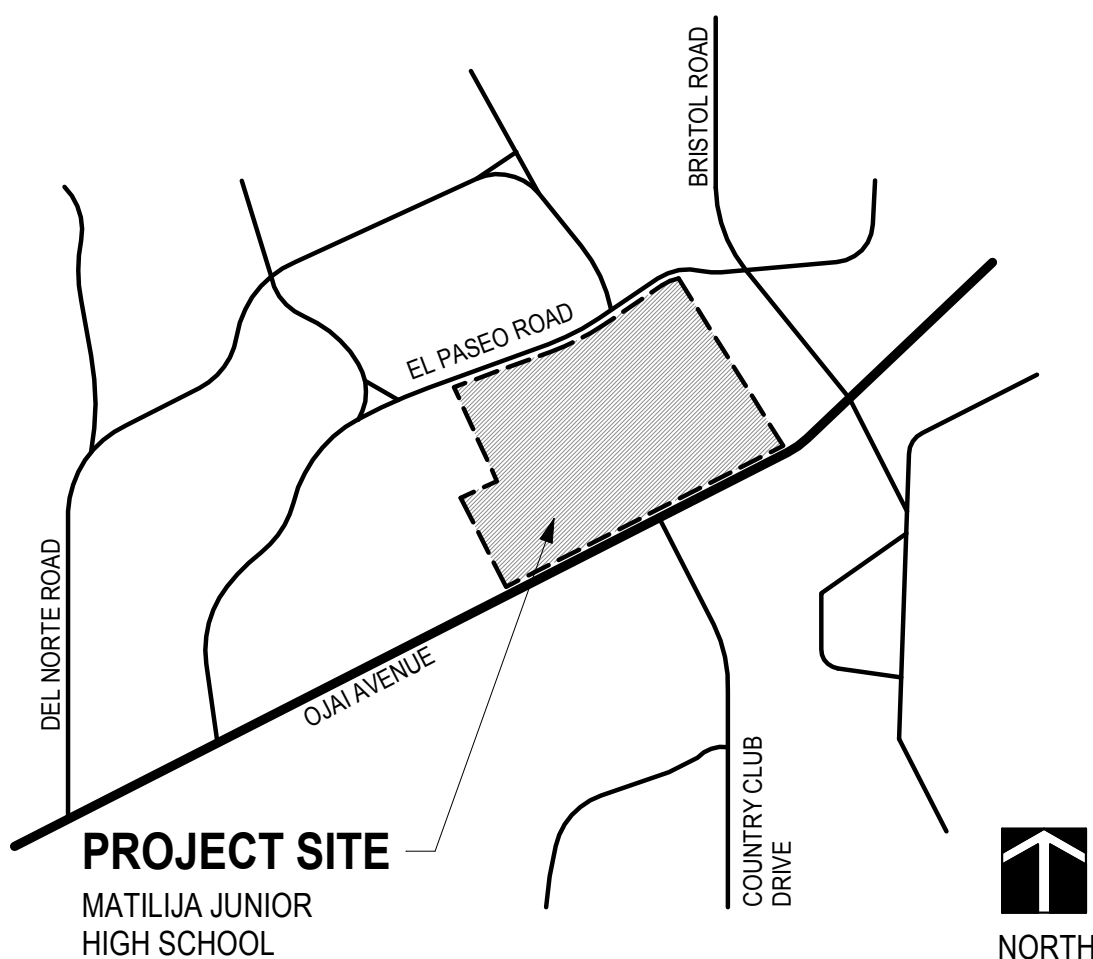
2016 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 C.C.R.
2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
(2015 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24 PART 3
(2014 NATIONAL ELECTRICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24 PART 4
(2015 IAPMO UNIFORM MECHANICAL CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24 PART 5
(2015 IAPMO UNIFORM PLUMBING CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA ENERGY CODE, C.C.R. TITLE 24 PART 6
2016 CALIFORNIA HISTORICAL CODE, C.C.R. TITLE 24 PART 8
2016 CALIFORNIA FIRE CODE (CFC), C.C.R. TITLE 24 PART 9
(2015 INTERNATIONAL FIRE CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA EXISTING BUILDING CODE (CEBC), C.C.R. TITLE 24 PART 10
(2015 INTERNATIONAL EXISTING BUILDING CODE AND 2016 CALIFORNIA AMENDMENTS)
2016 CALIFORNIA GREEN BUILDING STANDARDS CODE 9CALGREEN, C.C.R. TITLE 24 PART 11
2016 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12
TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

APPLICABLE STANDARDS:

2016 CBC (FOR SFM) REFERENCED STANDARDS CHAPTER 35

NFPA 13 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS (CA AMENDED), 2016 EDITION
NFPA 14 STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2013 EDITION
NFPA 17 STANDARD FOR DRY CHEMICAL EXTINGUISHING SYSTEMS, 2013 EDITION
NFPA 17a STANDARD FOR WET CHEMICAL EXTINGUISHING SYSTEMS, 2013 EDITION
NFPA 20 STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION, 2016 EDITION
NFPA 24 STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES, 2016 EDITION
NFPA 72 NATIONAL FIRE ALARM AND SIGNALING CODE (CA AMENDED), 2016 EDITION
NFPA 80 STANDARD FOR FIRE DOORS AND OTHER OPENING PROTECTIVES, 2016 EDITION
NFPA 2001 STANDARD ON CLEAN AGENT FIRE EXTINGUISHING SYSTEMS, 2015 EDITION
UL 300 STANDARD FOR FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF RESTAURANT COOKING AREAS, 2005 EDITION
UL 464 AUDIBLE SIGNALING DEVICES FOR FIRE ALARM AND SIGNALING SYSTEMS, INCLUDING ACCESSORIES, 2003 EDITION
UL 521 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS, 1999 EDITION
UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED, 2002 EDITION
ICC 300 STANDARD FOR BLEACHERS, FOLDING AND TELESOPIC SEATING, AND GRANDSTANDS, 2012 EDITION

VICINITY MAP



PROJECT DESCRIPTION

DEMOLISH BUILDING 'B' (EXISTING DINING HALL AND KITCHEN), A#5346. CONSTRUCT NEW DINING HALL AND KITCHEN. CONNECT TO EXISTING SITE UTILITIES. NO OFF-SITE WORK ANTICIPATED. MINOR SITE WORK TO PROVIDE ACCESSIBILITY AT NEW BUILDING, MATCH EXISTING PAVEMENT SURFACES AND GRADES AROUND PERIMETER OF NEW BUILDING, AND CONSTRUCT NEW 3-TIER COVERED SEATING ATTACHED TO NEW BUILDING.

PROJECT CERTIFICATION NOTE

APPLICATION 03-118467 MUST BE CERTIFIED PRIOR TO CERTIFICATION OF THIS PROJECT.

FLOOD HAZARD MAP

FLOOD ZONE DESIGNATION: ZONE X (OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN)
FLOOD MAP: 06111C0559E, PANEL 0559E
EFFECTIVE DATE: JANUARY 20, 2010
APPLICABLE COMMUNITY ORDINANCE SECTIONS:
• CITY OF OJAI
• VENTURA COUNTY

TESTING AND INSPECTIONS

A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. THE PROJECT INSPECTOR SHALL BE CERTIFIED BY DSA TO INSPECT CLASS I.

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE DISTRICT (OWNER) SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

VENTURA COUNTY FIRE DEPARTMENT AND VENTURA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT INSPECTIONS AND APPROVALS ARE REQUIRED FOR THIS PROJECT AND SHALL BE SECURED PRIOR TO OCCUPANCY.

ARCHITECT'S STATEMENT OF GENERAL CONFORMANCE

☒ THE DRAWINGS OR SHEETS LISTED ON THE COVER SHEET OR INDEX EXCEPT ARCHITECTURAL, CIVIL AND FIRE PROTECTION DRAWINGS

☐ THIS DRAWING, PAGE OR SPECIFICATION/CALCULATIONS

HAVE BEEN PREPARED BY OTHER DESIGN PROFESSIONALS OR CONSULTANTS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPARE SUCH DRAWINGS IN THE STATE. IT HAS BEEN EXAMINED BY ME FOR:
1. DESIGN INTENT AND APPEARS TO MEET THE APPROPRIATE REQUIREMENTS OF TITLE 24, CALIFORNIA CODE OR REGULATIONS AND THE PROJECT SPECIFICATIONS PREPARED BY ME, AND
2. COORDINATION WITH MY PLANS AND SPECIFICATIONS AND IS ACCEPTABLE FOR INCORPORATION INTO THE CONSTRUCTION OF THE PROJECT.

I CERTIFY THAT:

☒ ALL DRAWINGS OR SHEETS LISTED ON THE COVER OR INDEX SHEET EXCEPT ARCHITECTURAL, CIVIL, AND FIRE PROTECTION DRAWINGS

☒ IS/ARE IN GENERAL CONFORMANCE AND
☒ HAVE BEEN COORDINATED



SIGNATURE

7/8/2019

DATE

ARCHITECT IN RESPONSIBLE CHARGE:
LICENSE NUMBER:
EXPIRATION DATE:

TYSON CLINE
C 34436
01/31/2019

SHEET INDEX (138 SHEETS)

TITLE & CODE - 4 SHEETS

T-1.0 TITLE SHEET
T-1.1 LEGEND AND ABBREVIATIONS
T-1.2 GENERAL NOTES
T-2.0 BUILDING CODE ANALYSIS

CIVIL - 7 SHEETS

C-0.1 GENERAL NOTES
C-0.2 SITE TOPOGRAPHIC MAP
C-1.1 GRADING PLAN
C-1.2 SITE SANITARY SEWER AND WATERLINE PLAN
C-1.3 EROSION CONTROL PLAN
C-2.1 DETAILS
C-2.2 DETAILS

ARCHITECTURAL SITE - 5 SHEETS

AS-1.0 OVERALL SITE PLAN
AS-1.1 ENLARGED DEMOLITION SITE PLAN
AS-1.2 FIRE ACCESS PLAN
AS-1.3 ENLARGED SITE PLAN
AS-2.1 TYPICAL SITE DETAILS

ARCHITECTURAL - 45 SHEETS

A-0.1 DEMOLITION FLOOR PLAN
A-1.1 FLOOR PLAN
A-1.2 ENLARGED RESTROOM / KITCHEN PLAN
A-1.3 SLAB PLAN
A-1.4 EQUIPMENT PLAN & SCHEDULE
A-1.4A EQUIPMENT NOTES
A-1.5 ROOF PLAN
A-1.6 REFLECTED CEILING PLAN
A-1.7 PROPOSED FURNITURE PLAN AND ACCESSIBLE SEATING
A-2.1 EXTERIOR ELEVATIONS
A-2.2 EXTERIOR ELEVATIONS
A-3.1 BUILDING SECTIONS
A-3.2 BUILDING SECTIONS
A-3.3 WALL SECTIONS
A-3.4 WALL SECTIONS
A-4.1 INTERIOR ELEVATIONS
A-4.2 INTERIOR ELEVATIONS
A-4.3 INTERIOR ELEVATIONS
A-5.1 DOOR SCHEDULE
A-5.2 WINDOW SCHEDULE
A-5.3 INTERIOR FINISH SCHEDULE
AD-1.0 WALL TYPE DETAILS
AD-1.1 TYPICAL WALL DETAILS
AD-1.2 TYPICAL FLOOR DETAILS
AD-2.1 TYPICAL DOOR DETAILS
AD-3.1 TYPICAL STOREFRONT DETAILS
AD-3.2 TYPICAL STOREFRONT AND WINDOW DETAILS
AD-4.0 CEILING NOTES
AD-4.1 TYPICAL CEILING DETAILS
AD-4.2 TYPICAL CEILING DETAILS
AD-5.1 TYPICAL MEMBRANE ROOF DETAILS
AD-5.2 TYPICAL STANDING SEAM ROOF DETAILS
AD-5.3 TYPICAL SOLAR ATTACHMENT DETAILS
AD-6.1 TYPICAL SIGNAGE DETAILS
AD-7.1 TYPICAL ACCESSIBILITY DETAILS
AD-8.2 TYPICAL STAIR AND RAILING DETAILS
AD-9.1 FOOD SERVICE EQUIPMENT - REF/FRZ
AD-9.2 FOOD SERVICE EQUIPMENT - HOOD
AD-9.3 FOOD SERVICE EQUIPMENT - HOOD
AD-9.4 FOOD SERVICE EQUIPMENT - HOOD
AD-9.5 FOOD SERVICE EQUIPMENT - HOOD
AD-9.6 FOOD SERVICE EQUIPMENT - HOOD
AD-9.7 FOOD SERVICE EQUIPMENT - HOOD
AD-9.8 FOOD SERVICE - HOOD FIRE SUPPRESSION SYSTEM
AD-9.9 FOOD SERVICE EQUIPMENT DETAILS

ROOFING - 3 SHEETS

R-101 STANDING SEAM DETAILS
R-102 STANDING SEAM DETAILS
R-103 STANDING SEAM DETAILS

STRUCTURAL - 17 SHEETS

S-0.0 GENERAL NOTES
S-0.1 GENERAL NOTES
S-0.2 TYPICAL CONCRETE DETAILS
S-0.3 TYPICAL CONCRETE DETAILS
S-0.4 TYPICAL CONCRETE DETAILS
S-0.5 TYPICAL STEEL DETAILS
S-0.6 TYPICAL STEEL DETAILS
S-0.7 TYPICAL METAL STUD DETAILS
S-0.8 TYPICAL METAL STUD DETAILS
S-0.10 TESTING AND INSPECTION REQUIREMENTS
S-1.1 FOUNDATION PLAN
S-1.2 ROOF PLAN
S-3.1 SECTION
S-5.1 FOUNDATION DETAILS
S-5.2 DETAILS
S-5.3 DETAILS
S-5.4 DETAILS

MECHANICAL - 11 SHEETS

M-1.0 MECHANICAL NOTES
M-1.1 MECHANICAL SCHEDULES
M-3.0 MECHANICAL FLOOR PLAN
M-3.1 MECHANICAL ROOF PLAN
M-4.0 MECHANICAL DETAILS
M-4.1 MECHANICAL DETAILS
M-4.2 MECHANICAL DETAILS
EN-1.0 ENERGY FORMS
EN-1.1 ENERGY FORMS
EN-1.2 ENERGY FORMS
EN-1.3 ENERGY FORMS

PLUMBING - 9 SHEETS

P-1.0 PLUMBING NOTES
P-1.1 PLUMBING SCHEDULES
P-2.0 PLUMBING DEMOLITION PLAN
P-3.0 PLUMBING FLOOR PLAN
P-3.1 PLUMBING ROOF PLAN
P-4.0 PLUMBING DETAILS
P-4.1 PLUMBING DETAILS
P-4.2 PLUMBING DETAILS
P-4.3 PLUMBING DETAILS

ELECTRICAL - 23 SHEETS

E100 GENERAL NOTES, ABBREVIATIONS, SYMBOLS & DRAWING LIST
E101 TITLE 24 PAGE 1
E102 TITLE 24 PAGE 2
E110 ELECTRICAL SITE PLAN - DEMOLITION
E120 ELECTRICAL SITE PLAN - NEW
E130 DEMOLITION PLAN - LIGHTING AND POWER
E131 DEMOLITION PLAN - ROOF ELECTRICAL
E200 ELECTRICAL SINGLE LINE DIAGRAM AND PANEL SCHEDULES
E300A LIGHTING FIXTURE SCHEDULE
E300B NLIGHT ROOM LAYOUTS
E300C NLIGHT CUT SHEETS
E301 FIRST FLOOR LIGHTING PLAN
E302 FIRST FLOOR PHOTOMETRIC PLAN
E303 LIGHTING CUT SHEETS PAGE 1
E304 LIGHTING CUT SHEETS PAGE 2
E305 LIGHTING CUT SHEETS PAGE 3
E401 FIRST FLOOR POWER PLAN AND COM PLAN
E420 MECHANICAL EQUIPMENT POWER SCHEDULE
E421 POWER PLAN FOR MECHANICAL EQUIPMENT
E451 KITCHEN POWER PLAN
E452 KITCHEN FREEZER COOLER ELECTRICAL DETAILS
E455 KITCHEN HOOD ELECTRICAL DETAILS
E600 ELECTRICAL DETAILS
FA501 EMERGENCY VOICE/ALARM COMM SYSTEM - COVER SHEET
FA502 FIRE ALARM MODERNIZATION - SITE PLAN
FA503 EMERGENCY VOICE/ALARM COMM SYSTEM - MATILIJJA KITCHEN
FA504 EMERGENCY VOICE/ALARM / DETECTION COMM SYSTEM RISER DIAGRAM
FA505 EMERGENCY VOICE/ALARM COMM SYSTEM - CALCULATIONS
FA506 FIRE ALARM DETAILS
FA507 POINT TO POINT FIRE ALARM/EVACS WIRING DETAIL
FA508 FIRE ALARM BATTERY CALCULATION 'FACP-M'
FP-0.0 FIRE WATER SITE PLAN/ GENERAL NOTES
FP-1.0 SPRINKLER CEILING PLAN
FP-1.1 SPRINKLER PIPING PLAN
FP-2.0 BUILDING SECTIONS
FP-3.0 DETAILS
FP-4.0 SEISMIC BRACING CALCULATIONS

FIRE PROTECTION - 6 SHEETS

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

ABBREVIATIONS

Ø	DIAMETER	N.I.C.	NOT IN CONTRACT
&	AND	NO. OR #	NUMBER
CL OR C	CENTERLINE	N.T.S.	NOT TO SCALE
#	POUND OR NUMBER	O/	OVER
A.B.	ANCHOR BOLT	O.C.	ON CENTER
ABV.	ABOVE	O.F.C.I.	OWNER FURNISHED
ACP	ACOUSTICAL CEILING PANEL		CONTACTOR INSTALLED
A.D.	AREA DRAIN	O.F.O.I.	OWNER FURNISHED
ADJ.	ADJUSTABLE		OWNER INSTALLED
A.F.F.	ABOVE FINISH FLOOR	OPP.	OPPOSITE
A.F.G.	ABOVE FINISH GRADE	PB	PULL BOX
ALUM.	ALUMINUM	PERF.	PERFORATED
BLDG.	BUILDING	PL.	PLATE OR PLASTIC
BLKG.	BLOCKING	PLAST.	PLASTER
BM.	BEAM	PLYWD.	PLYWOOD
B.O.B.	BOTTOM OF BEAM	P.O.C.	POINT OF CONNECTION
BOT.	BOTTOM	PR.	PAIR
BTWN.	BETWEEN	PROJ.	PROJECTION
CAB.	CABINET	P.T.D.F.	PRESSURE TREATED DOUGLAS FIR
CALIF.	CALIFORNIA		
C.F.O.I	CONTRACTOR FURNISHED OWNER INSTALLED	R OR RAD	RADIUS
		REFL.	REFLECTED
CFS	COLD FORMED STEEL	REFRIG.	REFRIGERATOR
C.I.P.	CAST IN PLACE	REINF.	REINFORCED OR REINFORCEMENT
CJ	CONSTRUCTION JOINT		
C.J.	CONSTRUCTION JOINT	REQ.	REQUIRED OR REQUIREMENTS
C.L	CHAIN LINK	RM.	ROOM
CLG.	CEILING	S.C.	SOLID CORE
CLR.	CLEAR	SCHED.	SCHEDULE
CMU	CONCRETE MASONRY UNIT	SHT'G	SHEATHING
C.O.	CLEAN OUT	SHT.	SHEET
COL.	COLUMN	SIM.	SIMILAR
COMP.	COMPOSITION	SJ	SAWCUT JOINT
CONC.	CONCRETE	S.M.S.	SHEET METAL SCREWS
CONSTR.	CONSTRUCTION	SQ.	SQUARE
CONT.	CONTINUOUS	S.S.	STAINLESS STEEL
C.T.	CERAMIC TILE	ST.	STANDARD
DBL.	DOUBLE	STL.	STEEL
DF	DOUGLAS FIR	STOR.	STORAGE
D.F.	DRINKING FOUNTAIN	STRUCT.	STRUCTURAL
DFCI	DISTRICT FURNISHED CONTRACTOR INSTALL	SUSP.	SUSPENDED
		T&B	TOP & BOTTOM
DIA.	DIAMETER	TEMP.	TEMPERED
DIM.	DIMENSION	T.O.	TOP OF
DN	DOWN	T.O.B.	TOP OF BEAM
DR.	DOOR	TS	TUBE STEEL
DWG	DRAWING	T.W.	TOP OF WALL
(E)	EXISTING	TYP.	TYPICAL
EA	EACH	U.N.O.	UNLESS NOTED OTHERWISE
EJ	EXPANSION JOINT	U.O.N.	UNLESS OTHERWISE NOTED
ELECT.	ELECTRICAL	V.C.T.	VINYL COMPOSITION TILE
ELEV.	ELEVATION	VERT.	VERTICAL
EQ	EQUAL	V.G.D.F.	VERTICAL GRAIN
EQUIP.	EQUIPMENT		DOUGLAS FIR
EXIST.	EXISTING	V.I.F.	VERIFY IN FIELD
EXT.	EXTERIOR	W/	WITH
FD	FLOOR DRAIN	WD.	WOOD
FDN.	FOUNDATION	W.O.	WHERE OCCURS
F.E.	FIRE EXTINGUISHER	W.P.	WATERPROOF
F.E.C.	FIRE EXTINGUISHER CABINET	W.R.	WATER RESISTANT
		WT.	WEIGHT
F.F.	FINISH FLOOR		
FIN.	FINISH		
FLR.	FLOOR		
F.O.C.	FACE OF CONCRETE		
F.O.F.	FACE OF FINISH		
F.O.S.	FACE OF STUD		
FRAM'G	FRAMING		
FRP	FIBERGLASS REINFORCED PANEL		
FT.	FOOT OR FEET		
FTG.	FOOTING		
F.V.	FIELD VERIFY		
GA.	GAUGE		
GALV.	GALVANIZED		
GWB	GYP SUM WALL BOARD		
GYP. BD.	GYP SUM BOARD		
HDG	HOT DIP GALV		
HDR.	HEADER		
HORIZ.	HORIZONTAL		
H.M.	HOLLOW METAL		
HR.	HOUR		
HT.	HEIGHT		
INSUL.	INSULATION		
INT.	INTERIOR		
JT.	JOINT		
LAM.	LAMINATE		
LAV.	LAVATORY		
L.T.	LIGHT		
MFR.	MANUFACTURER		
MATR'L	MATERIAL		
MAX.	MAXIMUM		
M.B.	MACHINE BOLT		
MECH.	MECHANICAL		
MIN.	MINIMUM		
MISC.	MISCELLANEOUS		
M.R.	MOISTURE RESISTANT		
MTL.	METAL		
(N)	NEW		

LEGEND

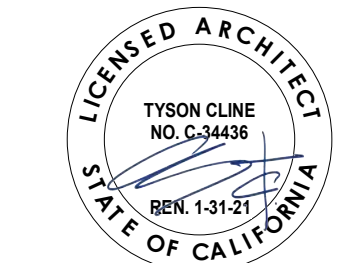
	PROPERTY LINE
	SLOPING SURFACE
	DETAIL NUMBER
	SHEET DETAIL APPEARS ON
	SECTION NUMBER
	SHEET SECTION APPEARS ON
	ELEVATION NUMBER
	SHEET SECTION APPEARS ON
	CONCRETE
	SOIL
	PLYWOOD
	STEEL
	WOOD BLOCKING
	WOOD CONTINUOUS MEMBER
	WORK POINT, CONNECTION POINT, DATUM POINT OR CONTROL POINT
	KEYNOTE
	DOOR NUMBER REFERENCE, REFER TO DOOR SCHEDULE
	WINDOW NUMBER REFERENCE, REFER TO WINDOW TYPES
	WALL TYPE REFERENCE, REFER TO AD-1.0
	SIGN TYPE REFERENCE, REFER TO AD-6.1
	TICK INDICATES DIMENSIONS TO FACE OF STUD, GRIDLINES OR FACE OF STRUCTURE
	DOT INDICATES DIMENSION TO CENTERLINE
	ARROW INDICATES DIMENSION TO F.O. FINISH OR CLEAR DIMENSION
	SPOT ELEVATION

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

LEGEND AND
ABBREVIATIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

T-1.1

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

	DEMOLITION NOTES	GENERAL NOTES	GENERAL NOTES, CONT.	ACCESS COMPLIANCE NOTES
	<div><div>1. IDENTIFY ALL DAMAGED ELEMENTS DESIGNATED TO REMAIN OR BE RELOCATED. REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH DEMOLITION WORK.</div><div>2. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND VERIFYING DEMOLITION PLANS IN RELATION TO STRUCTURAL AND CONSTRUCTION DRAWINGS. CONTRACTOR SHALL VERIFY AND COORDINATE THE EXTENT OF DEMOLITION WORK WITH NEW WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL CONFLICTS, DISCREPANCIES OR PROBLEMS.</div><div>3. SEE MECHANICAL, PLUMBING, AND ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL WORK.</div><div>4. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES AND IRRIGATION SYSTEMS PRIOR TO DEMOLITION. THE CONTRACTOR SHALL BEWARE OF POTENTIAL HAZARDS FROM DEMOLITION WORK NEAR UTILITIES. PIPES AND CONDUIT ENCOUNTERED IN DEMOLISHED PARTITIONS AND AREAS WHICH ARE TO REMAIN IN USE SHALL BE RE-ROUTED AND CONCEALED. THOSE WHICH ARE TO BE ABANDONED SHALL BE CAPPED AND CONCEALED IN FLOOR, WALL OR CEILING.</div><div>5. THE GENERAL CONTRACTOR SHALL ERECT ALL NECESSARY TEMPORARY SOLID AND/OR PLASTIC DROP CLOTH PARTITIONS TO PROTECT AREAS TO REMAIN WHILE DEMOLITION AND CONSTRUCTION ARE IN PROGRESS.</div><div>6. BRACE AND SUPPORT EXISTING WORK PRIOR TO AND DURING DEMOLITION AND NEW WORK, AND UNTIL SAFE TO REMOVE SUCH BRACING AND SUPPORTS. THE CONTRACTOR IS RESPONSIBLE FOR ALL STRUCTURAL SHORING DESIGN AND CALCULATIONS.</div><div>7. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK REQUIRED INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ALL DEBRIS, BROKEN CONCRETE, ETC., FROM THE SITE. PROPER SHORING SHALL BE EXECUTED FOR THE SAFETY OF THE STRUCTURE AND WORKMEN.</div><div>8. THE OWNER SHALL HAVE FIRST RIGHTS OF REFUSAL FOR ALL DEMOLISHED MATERIALS.</div><div>9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM DEMOLITION AT NO ADDITIONAL COST TO THE OWNER. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF EXISTING INSTALLATION NOT BEING REMOVED. ANY EXISTING FACILITIES INDICATED TO REMAIN WHICH ARE SO DAMAGED SHALL BE REPLACED EQUAL TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER.</div><div>10. CUT EXISTING PORTIONS OF WALLS, FLOORS, CEILINGS, ETC., WHERE INDICATED AND AS NECESSARY FOR NEW WORK. UNLESS SPECIFICALLY SHOWN ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CUT, NEITHER DRILLED NOR NOTCHED, WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER, THE ARCHITECT AND THE AUTHORITY HAVING JURISDICTION.</div><div>11. ALL TRADES CONCERNED SHALL COORDINATE EACH OTHER'S WORKS PRIOR TO AND DURING DEMOLITION.</div><div>12. ANY PROJECTING OR SURFACE-MOUNTED ITEMS BEING ABANDONED SHALL BE REMOVED, CAPPED AND CONCEALED BEHIND FINISHED SURFACES, UNLESS OTHERWISE NOTED. PATCH AND FINISH TO MATCH EXISTING ADJACENT SURFACE.</div><div>13. SURFACES WHERE MATERIAL IS REMOVED TO INSTALL NEW WORK OR TO RECEIVE NEW FINISH SHALL BE REPAIRED AND PATCHED TO MATCH ORIGINAL CONDITIONS. RETEXTURE AND REPAINT WALL OR CEILING WHERE PATCHED TO MATCH EXISTING, WITH NO EVIDENCE THAT PATCH HAS OCCURRED.</div><div>14. ALL EXISTING AREAS TO REMAIN OR NEW CONSTRUCTION WORK THAT ARE DAMAGED SHALL BE PATCHED AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR, UNLESS OTHERWISE NOTED.</div><div>15. ALL EQUIPMENT AND MATERIAL NOTED TO BE SALVAGED WHICH ARE IN OPERATING CONDITION WHEN REMOVED SHALL BE MAINTAINED AS SUCH AND RETURNED TO THE OWNER.</div><div>16. DEMOLISH AND REMOVE WALLS, CEILINGS AND ALL OTHER ITEMS AND EQUIPMENT NOT REQUIRED TO REMAIN OR TO BE REUSED, SUCH AS, BUT NOT LIMITED TO, DOORS, BUCKS, MOLDINGS AND WALL COVERINGS, INCLUDING ITEMS WHICH MAY BE REASONABLY INFERRED AS NECESSARY TO PROPERLY PREPARE FOR THE EXECUTION AND INSTALLATION OF THE NEW WORK. REMOVE EXCESS DOORS, BUCKS, HARDWARE, LIGHTING FIXTURES, ELECTRICAL FITTINGS, CARPETS AND OTHER SALVAGEABLE MATERIAL TO BE STORED, RECYCLED, OR DISPOSED OF AS DIRECTED BY THE OWNER.</div><div>17. IN ALL AREAS WHERE DEMOLITION CAUSES UNEVENNESS OR VOIDS IN FLOOR, THE GENERAL CONTRACTOR SHALL PATCH TO LEVEL FLOOR WITH EXISTING SLAB AND/OR REQUIRED SURFACE TO RECEIVE NEW FLOOR FINISH. PATCH AND REPAIR SUBFLOOR AS REQUIRED TO RECEIVE NEW FINISH FLOORING IN A MANNER CONSISTENT WITH HIGH QUALITY WORKMANSHIP.</div><div>18. ALL TRENCHING OPERATIONS SHALL BE PERFORMED WITH A SPOTTER. SPOTTER SHALL CONTINUOUSLY OBSERVE EXCAVATIONS TO LOCATE IRRIGATION LINES, CONDUITS AND ANY OTHER UTILITIES OR SUBTERRANEAN EQUIPMENT. ANY ITEMS ENCOUNTERED SHALL BE EXCAVATED BY HAND. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY IRRIGATION, UTILITIES, OR OTHER ITEMS DAMAGED AS A RESULT OF EXCAVATION.</div><div>19. UTILITIES BEING ABANDONED SHALL BE REMOVED AND/ OR CAPPED, REFER TO SPECIFICATIONS FOR REQUIREMENTS.</div></div>	<div><div>1. THE PROJECT MANUAL ISSUED AS PART OF THESE CONSTRUCTION DOCUMENTS IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.</div><div>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.</div><div>3. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL DIMENSIONS PRIOR TO SUBMITTING A BID. THE CONTRACTOR IS ALSO RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.</div><div>4. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY OR INCONSISTENCY.</div><div>5. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE BEGINNING OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES AND SERVICE LINES TO REMAIN WHICH ARE ENCOUNTERED DURING CONSTRUCTION.</div><div>6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.</div><div>7. DO NOT SCALE ANY DRAWINGS IN THIS SET.</div><div>8. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS AND DETAILS. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER DRAWINGS.</div><div>9. ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH ANY WORK SO INVOLVED. NO CHANGES ARE TO BE MADE UNLESS THE ARCHITECT AND THE OWNER ARE NOTIFIED IN WRITING AND APPROVE SUCH A CHANGE ACCORDING TO THE CONTRACT.</div><div>10. THE ARCHITECT IS NOT RESPONSIBLE FOR HAZARDOUS MATERIALS ABATEMENT.</div><div>11. PROVIDE BACKING AT ALL INDICATED LOCATIONS OF FIXTURES, SIGNS, HANDRAILS, ETC.</div><div>12. TRADE NAMES AND MANUFACTURERS REFERRED TO ARE FOR QUALITY STANDARDS ONLY. SUBSTITUTIONS WILL BE PERMITTED AS APPROVED BY THE OWNER AND THE ARCHITECT ONLY UPON SUBMITTAL, AND FOR A LIMITED PERIOD.</div><div>13. ITEMS SHOWN AS N.I.C. ON PLANS MAY REQUIRE SEPARATE SUBMITTALS, APPROVALS AND PERMITS. INSTALLING CONTRACTOR IS RESPONSIBLE FOR OBTAINING PERMITS FOR SUCH ITEMS.</div><div>14. CONTRACTOR SHALL ENSURE ALL FLOOR FINISH MATERIALS WILL BE FLUSH WITH ADJACENT WALKING SURFACES.</div><div>15. CONTRACTOR SHALL ENSURE ALL FINISH MATERIALS WILL BE FLUSH WHERE NEW FINISH SURFACE MATERIALS JOIN EXISTING TO PROVIDE SMOOTH TRANSITION.</div><div>16. SAFETY GLAZING IN HAZARDOUS LOCATIONS SUCH AS GLASS DOORS, GLAZING ADJACENT TO SUCH DOORS AND GLAZING ADJACENT TO WALKWAY SURFACES TO COMPLY WITH SECTIONS 2406 AND 2406.4. OF THE CBC, APPLICABLE EDITION.</div><div>17. CONTRACTOR ACKNOWLEDGES THAT DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE TO REPRESENT THE INTENT OF THE WORK TO BE ACCOMPLISHED. CONTRACTOR IS TO INSTALL MATERIALS AND SYSTEMS WITH EXPERIENCED SKILLED CRAFTSMEN WHO WILL BE RESPONSIBLE FOR THE INTEGRITY OF THEIR RESPECTIVE WORK. NOT EVERY DETAIL OF EACH CONDITION IS DRAWN. CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE FOR COMPLETE WORKMANLIKE INSTALLATION OF ALL MATERIALS AND SYSTEMS AND WILL NEED TO PROVIDE ADDITIONAL DETAILS FOR INSTALLATION BASED ON GENERAL INFORMATION SHOWN. FOR INSTANCE, NOT EVERY WATERPROOFING OR FLASHING DETAIL FOR EVERY CONDITION IS SHOWN. CONTRACTOR IS TO PROVIDE DETAILS AND INSTALLATION FOR A COMPLETE WATERTIGHT INSTALLATION.</div><div>18. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF THE ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITION NOT COVERED BY THE CONTRACT DOCUMENTS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED, DETAILS AND SPECIFICATIONS FOR THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE AUTHORITY HAVING JURISDICTION BEFORE PROCEEDING WITH THE WORK.</div><div>19. CONSTRUCTION MATERIALS TEMPORARILY PLACED ON ROOF DURING CONSTRUCTION SHALL BE SPREAD OUT SUCH THAT LOAD DOES NOT EXCEED THE DESIGN LIVE LOAD.</div><div>20. CONTRACTOR OPERATIONS SHALL NOT BLOCK, HINDER, IMPEDE, OR OTHERWISE INHIBIT THE USE OF REQUIRED EXITS AT ANY TIME. CONTRACTOR SHALL MAINTAIN UNOBSTRUCTED ACCESS TO FIRE EXTINGUISHERS, FIRE HYDRANTS, TEMPORARY FIRE PROTECTION FACILITIES, STAIRWAYS, AND OTHER ACCESS ROUTES FOR FIRE-FIGHTING EQUIPMENT AND/OR PERSONNEL.</div></div>	<div><div>21. A GEOTECHNICAL REPORT HAS BEEN PREPARED AND IS AVAILABLE FOR CONTRACTOR'S REVIEW.</div><div>22. A HAZARDOUS MATERIALS REPORT HAS BEEN PREPARED AND IS AVAILABLE FOR CONTRACTOR'S REVIEW.</div><div>23. WHERE WELDING GALVANIZED STEEL, REMOVE GALVANIZATION IN AREA OF WELD THEN COLD GALVANIZE AND PAINT THE AREA PER SPECIFICATIONS AFTER WELDING.</div><div>24. GRADING PLANS, DRAINAGE IMPROVEMENTS, ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.</div><div>25. REVISIONS TO APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT APPROVED BY DIVISION OF THE STATE ARCHITECT.</div></div>	<div><div><u>WALKS AND SIDEWALKS</u><div>1. CONTINUOUS SURFACE: WALKS AND SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH (12.7MM).</div><div>1.1 SLOPE: THE RUNNING SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. (SECTION 11B-403.3)</div><div>2. OPENINGS: OPENINGS IN FLOOR OR GROUND SURFACES SHALL NOT ALLOW PASSAGE OF A SPHERE MORE THAN 1/2 INCH (12.7 MM) DIAMETER EXCEPT AS ALLOWED IN SECTIONS 11B-407.4.3, 11B-409.4.3, 11B-410.4, 11B-810.5.3 AND 11B-810.10. ELONGATED OPENINGS SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL. (SECTION 11B-302.3)</div><div>3. CHANGES IN LEVEL NOT EXCEEDING 1/2 INCH. ABRUPT CHANGED IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH (12.7 MM). WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL (50-PERCENT SLOPE). CHANGES IN LEVEL NOT EXCEEDING 1/4 INCH (6.35 MM) MAY BE VERTICAL. (SECTION 11B-303)</div><div>4. WARNING CURBS: ABRUPT CHANGES IN LEVEL EXCEEDING 4 INCHES (101.6 MM) IN A VERTICAL DIMENSION BETWEEN WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS AND ADJACENT SURFACES OR FEATURES SHALL BE IDENTIFIED BY WARNING CURBS AT LEAST 6 INCHES (152 MM) IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE. (SECTION 11B-303.5) EXCEPTIONS:<div>1. A WARNING CURB IS NOT REQUIRED BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY.</div><div>2. A WARNING CURB IS NOT REQUIRED WHEN A GUARD OR HANDRAIL IS PROVIDED WITH A GUIDE RAIL CENTERED 2 INCHES (51 MM) MINIMUM AND 4 INCHES (102 MM) MAXIMUM ABOVE THE SURFACE OF THE WALK OR SIDEWALK.</div></div><div>5. PROVIDE A 60" X 60" LEVEL AREA WITH SURFACE SLOPED NO MORE THAN 2% IN ANY DIRECTION WHERE A DOOR (OR GATE) SWINGS TOWARD THE WALK IN THE ACCESSIBLE ROUTE OF TRAVEL. EXTEND WALK A MINIMUM 24" BEYOND THE STRIKE EDGE OF ANY DOOR (OR GATE) THAT SWINGS TOWARDS THE WALK.</div><div>6. CONTINUOUS GRADIENTS: ALL WALKS WITH CONTINUOUS GRADIENTS SHALL HAVE RESTING AREAS, 60 INCHES (1524 MM) IN LENGTH, AT INTERVALS OF 400 FEET (121,920 MM) MAXIMUM. THE RESTING AREA SHALL BE AT LEAST AS WIDE AS THE WALK. THE SLOPE OF THE RESTING AREA IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM. (SECTION 11B-403.7)</div><div>7. DETECTABLE WARNINGS AT VEHICULAR AREAS: WHEN A WALK CROSSES OR ADJOINS A VEHICULAR WAY, THE WALKING SURFACE SHALL BE SEPARATED FROM THE VEHICULAR AREA BY CURBS, RAILINGS OR OTHER ELEMENTS, OR THE BOUNDARY BETWEEN THE PEDESTRIAN AREAS THE VEHICULAR AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING 36 INCHES (914 MM) WIDE MINIMUM, COMPLYING WITH CHAPTER 11B, SECTION 11B-705. (SECTION 11B-705.1.2)</div><div>8. DETECTABLE WARNING SURFACES SHALL BE YELLOW AND APPROXIMATE FS 35358 OF FEDERAL STANDARD 595C. (SECTION 11B-705.1.1.3)</div><div>9. PROVIDE MINIMUM 5 YEAR WARRANTY FOR DETECTABLE WARNING SURFACE. (11B-705.3)</div></div><div><u>STAIRWAYS</u><div>1. CONTRASTING STRIPE: INTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND LOWER TREAD MARKED BY A STRIPE. PROVIDING CLEAR VISUAL CONTRAST. EXTERIOR STAIRS SHALL HAVE THE UPPER APPROACH AND ALL TREADS MARKED BY A STRIPE PROVIDING CLEAR VISUAL CONTRAST.</div><div>THE STRIPE SHALL BE A MINIMUM OF 2 INCHES (50.8 MM) WIDE TO A MAXIMUM OF 4 INCHES (101.6 MM) WIDE PLACED PARALLEL TO, AND NOT MORE THAN 1 INCH (25.4 MM) FROM, THE NOSE OF THE STEP OR UPPER APPROACH. THE STRIPE SHALL EXTEND THE FULL WIDTH OF THE STEP OR UPPER APPROACH AND SHALL BE OF MATERIAL THAT IS AT LEAST AS SLIP RESISTANT AS THE OTHER TREADS OF THE STAIR. A PAINTED STRIPE SHELL BE ACCEPTABLE. GROOVES SHALL NOT BE USED TO SATISFY THIS REQUIREMENT. (SECTION 11B-504.4.1)</div><div>2. TREADS: ALL TREAD SURFACES SHALL BE STABLE, FIRM AND SLIP RESISTANT, AND SHALL COMPLY WITH SECTION 1110A.3. TREADS SHALL HAVE SMOOTH, ROUNDED OR CHAMFERED EXPOSED EDGES, AND NO ABRUPT EDGES AT THE NOSING (LOWER FRONT EDGE). (SECTION 11B-504)</div><div>3. TREADS AND RISERS: ALL STEPS ON A FLIGHT OF STAIRS SHALL HAVE UNIFORM RISER HEIGHTS AND UNIFORM TREAD DEPTHS. RISERS SHALL BE 4 INCHES (102 MM) HIGH MINIMUM AND 7 INCHES (178 MM) HIGH MAXIMUM. TREADS SHALL BE 11 INCHES (279 MM) DEEP MINIMUM. (SECTION 11B-504.2)</div><div>4. OPEN RISERS ARE NOT PERMITTED (SECTION 11B-504.3)</div></div></div>

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS_____ FLS_____ SS_____

TERADA ARCHITECTS



TERADA ARCHITECTS

Roesling Nakamura
Terada Architects

285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LICENSED ARCHITECT



TYSON CLINE
NO. C-34438
BERK. 1-31-21

Ojai Unified School District

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

GENERAL
NOTES

RNT Job No.17759.04

Date02/04/2019

Drawn byEV

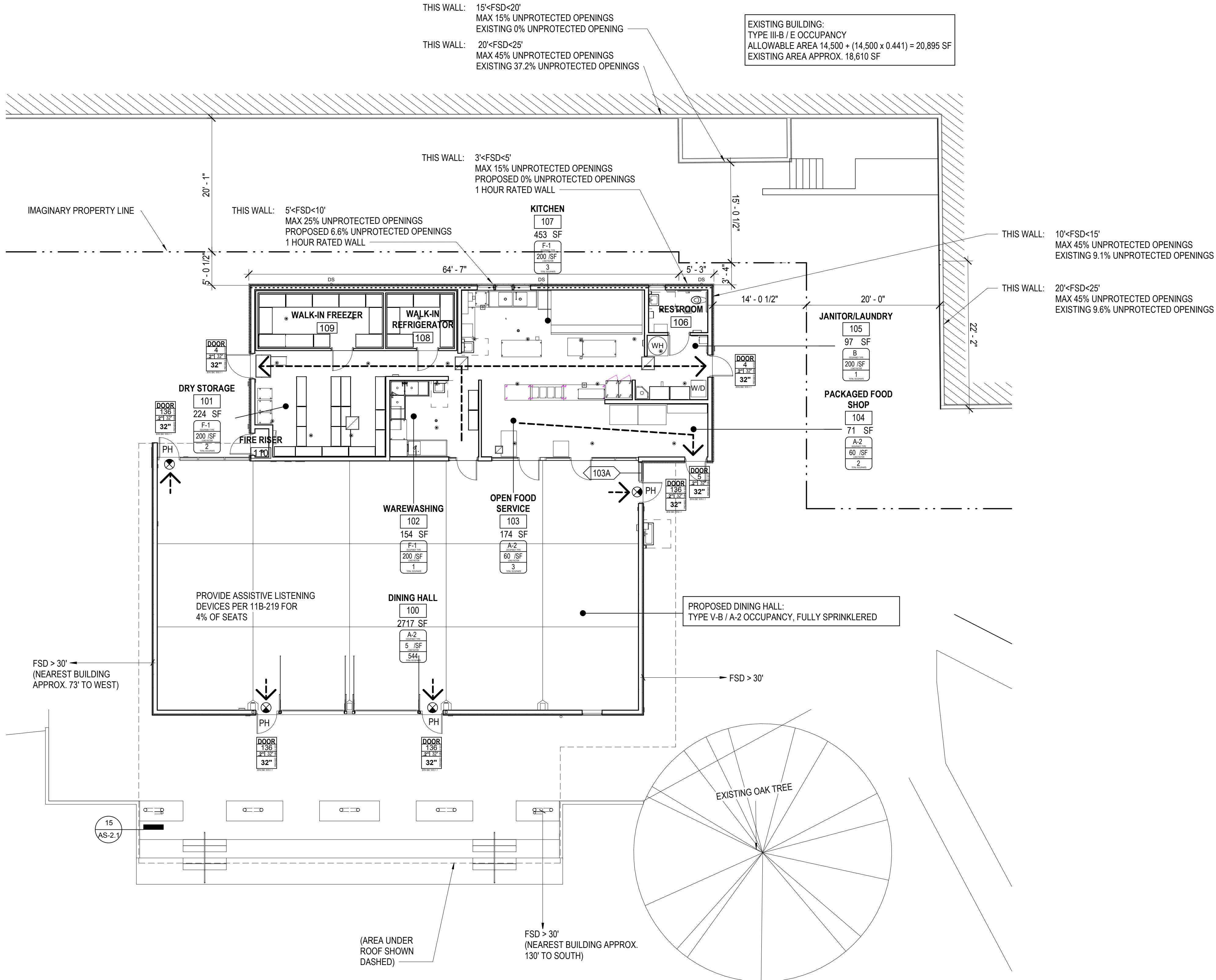
Checked byMB

Sheet Number

T-1.2

6/29/2019 11:57:23 AM

None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesting Nakamura Terada Architects, Inc. Filing of these drawings or any part thereof shall constitute a declaration of copyright in the drawings and the plans. All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesting Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. No part of this drawing or any part thereof shall be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Roesting Nakamura Terada Architects, Inc.



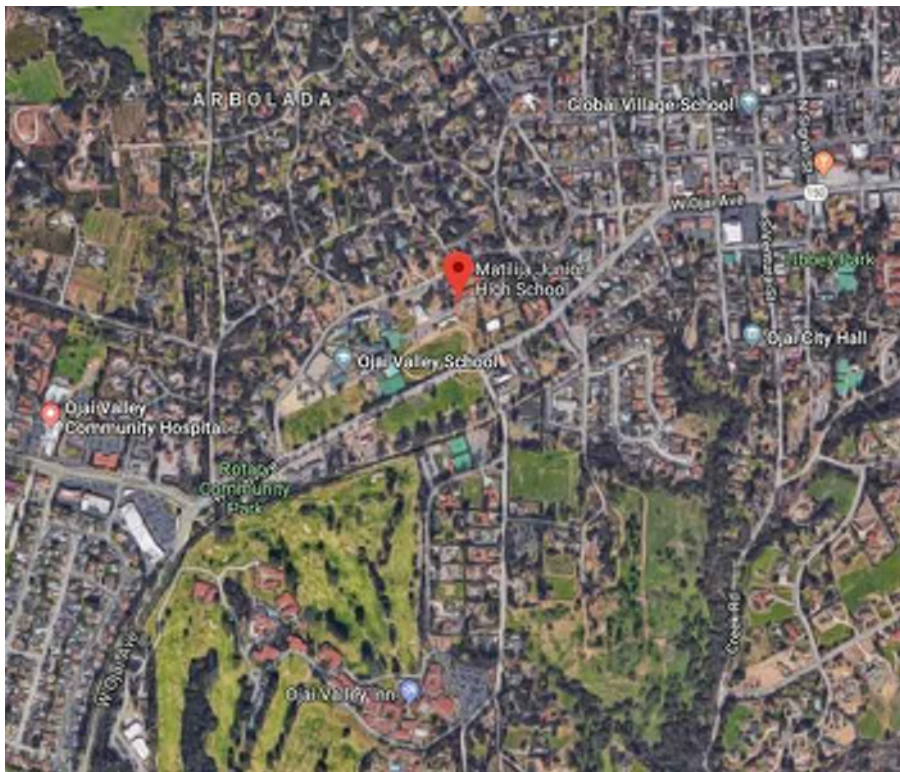
6/29/2019 11:57:26 AM

6/19/2019 10:14 AM V:\2064\ACTIVE\2064152100\ACAD\TASK_202 - MATILIA KITCHEN\CIVIL\2064152100CGD.DWG
All files, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such files, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

GENERAL GRADING NOTES

- GRADING SUPERVISION REQUIREMENTS SHALL BE COMPLIED WITH AS FOLLOWS:
 - LINE AND GRADE STAKES SHALL BE SET BY A CALIFORNIA LICENSED SURVEYOR HIRED BY THE CONTRACTOR UNDER THE GENERAL SUPERVISION OF THE DISTRICT'S REPRESENTATIVE.
 - UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS AND SUBMIT A REPORT INDICATING THAT THE IMPROVEMENTS HAVE BEEN COMPLETED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
 - THE DISTRICT'S REPRESENTATIVE AND/OR THE DISTRICT'S GEOTECHNICAL ENGINEER SHALL PROVIDE GENERAL REVIEW OF THE GRADING AND SUBGRADE PREPARATION, PERFORM COMPACTION TESTING, MEASURE THE THICKNESS OF PAVEMENT AND BASE DURING CONSTRUCTION, TEST AND REVIEW THE QUALITY OF PAVEMENT AND BASE, ETC.
- NOISE GENERATING CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:30 AM TO 5:00 PM, MONDAY THROUGH FRIDAY. CONSTRUCTION EQUIPMENT MAINTENANCE SHALL BE LIMITED TO THE SAME HOURS. STATIONARY CONSTRUCTION EQUIPMENT THAT GENERATES NOISE WHICH EXCEEDS 65 dBA AT THE PROJECT BOUNDARIES SHALL BE SHIELDED TO THE DISTRICT'S SATISFACTION AND SHALL BE LOCATED AT A MINIMUM OF 50 FEET FROM OCCUPIED BUILDINGS.
- THE GROUND SURFACE IN THE BUILDING AND SURFACE IMPROVEMENT AREAS SHALL BE PREPARED FOR CONSTRUCTION BY REMOVING SURFACE AND UNDERGROUND IMPROVEMENTS, I.E. PIPELINES, CONDUITS, ETC., VEGETATION, LARGE ROOTS, DEBRIS, AND OTHER DELETERIOUS MATERIALS. EXISTING UTILITY LINES THAT WILL NOT REMAIN IN SERVICE SHALL BE EITHER REMOVED OR ABANDONED, IF APPROVED BY THE DISTRICT'S REPRESENTATIVE.
- VOIDS CREATED BY THE REMOVAL OF MATERIALS OR UTILITIES DESCRIBED ABOVE SHALL BE CALLED TO THE ATTENTION OF THE DISTRICT'S REPRESENTATIVE. NO FILL SHALL BE PLACED UNLESS THE UNDERLYING SOIL HAS BEEN OBSERVED BY THE DISTRICT'S REPRESENTATIVE.
- FOLLOWING SITE PREPARATION, THE SOILS IN THE BUILDING AREA SHALL BE REMOVED TO A LEVEL PLANE AT A MINIMUM DEPTH OF 3 FEET BELOW THE EXISTING GROUND SURFACE OR TO A DEPTH OF 2 FEET BELOW THE LOWEST FOOTING ELEVATION, WHICHEVER IS DEEPER, AND TO MINIMUM 5 FEET OUTSIDE THE BUILDING FOOTPRINT. DURING CONSTRUCTION, LOCALLY DEEPER REMOVALS MAY BE REQUIRED BASED ON FIELD CONDITIONS. THE RESULTING SOIL SURFACE SHALL THEN BE SCARIFIED TO A MINIMUM DEPTH OF 8-INCHES, MOISTURE CONDITIONED TO WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO MINIMUM 95 PERCENT COMPACTION PRIOR TO PLACING ANY FILL.
- FOLLOWING SITE PREPARATION, THE SOILS IN THE PAVEMENT SURFACE IMPROVEMENT AREA SHALL BE REMOVED TO A LEVEL PLANE, AT A MINIMUM DEPTH OF 1-FOOT BELOW THE PROPOSED SUBGRADE ELEVATION OR 1-FOOT BELOW THE EXISTING GROUND SURFACE, WHICHEVER IS DEEPER, AND TO MINIMUM 3 FEET BEYOND THE PROPOSED PAVEMENT LIMITS. DURING CONSTRUCTION, LOCALLY DEEPER REMOVALS MAY BE REQUIRED, BASED ON FIELD CONDITIONS. THE RESULTING SOIL SURFACE SHALL THEN BE SCARIFIED TO A MINIMUM DEPTH OF 8-INCHES, MOISTURE CONDITIONED TO WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO MINIMUM 95 PERCENT COMPACTION PRIOR TO PLACING ANY FILL.
- VOIDS CREATED BY DISLOGGING COBBLES AND/OR DEBRIS DURING SCARIFICATION SHALL BE BACKFILLED AND COMPACTED, AND THE DISLOGGED MATERIALS SHOULD BE REMOVED FROM THE AREA OF WORK.
- ON-SITE MATERIAL AND APPROVED IMPORT MATERIALS MAY BE USED AS GENERAL FILL. FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS, MOISTURE CONDITIONED TO A MINIMUM OF OPTIMUM MOISTURE CONTENT OF 95 PERCENT OF MAXIMUM DRY DENSITY. THE UPPER 1-FOOT OF SUBGRADE AND ALL AGGREGATE BASE AREAS TO BE PAVED WITH ASPHALT CONCRETE OR PORTLAND CEMENT CONCRETE SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY. SUBGRADE AND AGGREGATE BASE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH HEAVY, RUBBER-TIRED GRADING EQUIPMENT PRIOR TO CONTINUING CONSTRUCTION.
- EARTH MOVING AND WORKING OPERATIONS SHALL BE CONTROLLED TO PREVENT WATER FROM RUNNING INTO EXCAVATED AREAS. EXCESS WATER SHALL BE PROMPTLY REMOVED AND THE SITE KEPT DRY. FILL MATERIAL SHALL NOT BE PLACED, SPREAD, OR ROLLED DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORK IS INTERRUPTED BY HEAVY RAIN, FILL OPERATIONS SHALL NOT BE RESUMED UNTIL FIELD TESTS BY THE DISTRICT'S REPRESENTATIVE INDICATE THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL ARE ABLE TO BE PLACED AND MEET THE REQUIRED COMPACTION.
- WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS NOT SUFFICIENT TO ACHIEVE REQUIRED COMPACTION, WATER SHALL BE ADDED UNTIL THE SOILS ATTAIN A MOISTURE CONTENT SO THAT THOROUGH BONDING IS ACHIEVED DURING THE COMPACTION PROCESS. WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS EXCESSIVE, THE FILL MATERIAL SHALL BE AERATED BY BLADING OR OTHER SATISFACTORY METHODS UNTIL THE MOISTURE CONTENT IS REDUCED TO AN ACCEPTABLE CONTENT TO ACHIEVE PROPER COMPACTION.
- IMPORT SOILS SHALL BE GRANULAR NON-EXPANSIVE SOILS WHICH ARE EQUAL TO OR SUPERIOR IN QUALITY TO THE ON SITE SOILS AS DETERMINED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
- THE COMPACTION STANDARD SHALL BE THE ASTM D 1557-12 METHOD OF COMPACTION AND THE LATEST EDITION.
- BEFORE BEGINNING WORK REQUIRING EXPORTING OR IMPORTING MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF OJAI AND COUNTY OF VENTURA PUBLIC WORKS ROAD DIVISION FOR HAUL ROUTES USED AND METHODS PROVIDED TO MINIMIZE THE DEPOSIT OF SOILS ON CITY AND COUNTY ROADS.
- FILL MATERIAL SHALL BE SPREAD IN LIFTS NOT EXCEEDING 8" IN LOOSE THICKNESS, MOISTENED OR DRIED AS NECESSARY TO NEAR OPTIMUM MOISTURE CONTENT AND COMPACTED BY AN APPROVED METHOD. FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557-12 MODIFIED PROCTOR (AASHTO) TEST OR SIMILAR APPROVED METHODS. SOILS TESTS SHALL BE CONDUCTED AT NOT LESS THAN FOR EACH 18" OF FILL AND/OR FOR EACH 500 CUBIC YARDS OF FILL PLACED.

LOCATION & VICINITY MAP



OWNER/APPLICANT

OJAI UNIFIED SCHOOL DISTRICT
(805) 640-4300
414 EAST OJAI AVENUE
OJAI, CA 93023

BENCH MARK DATA

HORIZONTAL DATUM: NAD 83 (US FEET)
VERTICAL DATUM: NAVD 88 (US FEET)

TOPOGRAPHY DATA

PERFORMED BY
WM SURVEYS INC.
WILLIAM L. MEAGHER, LS 5948
2747 SHERWIN AVE. #12
VENTURA, CA 93003

GENERAL GRADING NOTES (CONT.)

- SURFACE DRAINAGE SHALL BE PROVIDED AT A MINIMUM OF 5% FOR 10 FEET AWAY FROM THE FOUNDATION LINE OR ANY STRUCTURE, OR OTHERWISE SHOWN ON THE GRADING PLANS.
- NO GRADING SHALL OCCUR UNLESS APPROVED EROSION CONTROL AND SEDIMENT CONTROL MEASURES ARE IN PLACE. DISCHARGES OF SEDIMENT FROM THE PROJECT SITE MAY RESULT IN A "STOP WORK ORDER".
- CONTRACTOR TO REVIEW THE GRADING AND DRAINAGE PLAN FOR PAVEMENT GRADES AND CONTOURS AND MAY MAKE ADJUSTMENTS FROM THE APPROVED GRADING DESIGN AFTER RECEIVING THE DISTRICT'S REPRESENTATIVE'S APPROVAL.
- SEE ELECTRICAL PLAN FOR REMOVAL/DEMOLITION OF ALL EXISTING SITE LIGHTING AND ELECTRICAL AND TELECOMMUNICATION SYSTEMS.

TRENCHING AND BACKFILLING NOTES

- WATER ENCOUNTERED IN TRENCH OR STRUCTURE EXCAVATION SHALL BE REMOVED BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT'S REPRESENTATIVE TO PROVIDE DRY CONDITIONS DURING CONSTRUCTION OF PIPE OR STRUCTURE.
- TRENCH OR STRUCTURE EXCAVATION SUBGRADE SHALL BE OBSERVED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO PLACEMENT OF BEDDING MATERIAL OR FORMS. WET OR UNSTABLE SOIL ENCOUNTERED IN THE BOTTOM OF THE EXCAVATION AND DEEMED BY THE DISTRICT'S REPRESENTATIVE TO BE INCAPABLE OF PROPERLY SUPPORTING THE PIPE OR STRUCTURE BEING CONSTRUCTED, SHALL BE REMOVED TO THE DEPTH RECOMMENDED BY THE DISTRICT'S REPRESENTATIVE AND THE EXCAVATION BACKFILLED TO THE BOTTOM OF THE PIPE OR STRUCTURE GRADE WITH SUITABLE MATERIAL RECOMMENDED BY THE DISTRICT'S REPRESENTATIVE.
- ALL WORK INVOLVING EXCAVATION FOR FIRE WATERLINE PIPES AND CONNECTIONS SHALL BE COMPLETED, OBSERVED AND APPROVED BY THE DISTRICT'S REPRESENTATIVE AND THE STRUCTURAL BACKFILL OBSERVED, TESTED FOR COMPACTION AND APPROVED BEFORE AGGREGATE BASE, PAVING OR OTHER PERMANENT SURFACE CONSTRUCTION MAY COMMENCE.
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE HEALTH AND SAFETY LAWS, ORDINANCES, REGULATIONS, RULES, AND STANDARDS INCLUDING ALL REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND OF CAL-OSHA.
- CONTRACTOR SHALL DESIGN, FURNISH, INSTALL, AND MAINTAIN SHOOT SHEETING, SHORING, BRACING AND/OR OTHER PROTECTION PER CALOSHIA STRICT REQUIREMENTS AND AS IS NECESSARY TO PREVENT FAILURE OF TRENCH.
- VERTICAL TRENCH SHORING SHALL CONFORM WITH THE ORDERS OF THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY (DIS) AND O.S.H.A. STANDARDS. CONTRACTOR SHALL HAVE D.I.S. EXCAVATION PERMIT (COPY TO COUNTY).

DUST CONTROL NOTES

- IN ADDITION TO THESE NOTES, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL DUST AND EROSION CONTROL DURING THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL UTILIZE DUST CONTROL METHODS ON ANY DUST-PRODUCING CONDITION IN COMPLIANCE WITH REGULATIONS OF THE DISTRICT AND THE COUNTY OF VENTURA AIR POLLUTION CONTROL DISTRICT.
- AFTER CLEARING, GRADING, EARTH MOVING, EXCAVATION OR EMBANKMENT OPERATIONS ARE COMPLETED THE ENTIRE AREA OF DISTURBED SOIL IS TO BE TREATED TO PREVENT WIND PICKUP OF THE SOIL. THIS MAY BE ACCOMPLISHED BY: A. SEEDING AND WATERING UNTIL GRASS COVER IS GROWN. B. SPREADING SOIL BINDERS. C. WETTING THE AREA DOWN, SUFFICIENT TO FORM A CRUST ON THE SURFACE WITH REPEATED SOAKING AS NECESSARY TO MAINTAIN THE CRUST AND PREVENT DUST PICKUP BY THE WIND. D. OTHER METHODS APPROVED IN ADVANCE BY THE DISTRICT'S REPRESENTATIVE.
- WATERING OR APPLICATION OF SOIL BINDERS SHALL CONTINUE IN THE AMOUNTS NECESSARY TO CONTROL DUST UNTIL THE SITE IS SEEDED AND PLANTS ESTABLISHED.
- THE CONSTRUCTION CONTRACTOR SHALL DESIGNATE A PERSON(S) TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL BE FOR THE ENTIRE CONSTRUCTION DURATION, INCLUDING HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS.
- CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO ADJACENT PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED BY DUST FROM HIS GRADING OPERATION.

EROSION CONTROL NOTES

- IN ADDITION TO THESE NOTES, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL EROSION CONTROL REQUIREMENTS FOR THE PROJECT CONSTRUCTION. THIS PLAN SHOWS THE MINIMUM REQUIREMENTS FOR EROSION CONTROL. CONTRACTOR SHALL CONSTRUCT ADEQUATE EROSION CONTROL MEASURES TO PREVENT SILT AND DEBRIS FROM EXITING THE CONSTRUCTION SITE AND/OR ENTERING THE NEARBY WATERS AND/OR STORM DRAIN SYSTEM.
- THE CONTRACTOR SHALL ENSURE ALL PROTECTION MEASURES ARE IN PLACE PRIOR TO THE RAINY SEASON. THE PROTECTION MEASURES MAY NEED TO BE INSTALLED DURING OTHER PARTS OF THE YEAR SHOULD RAIN BE IMMINENT.
- THE CONTRACTOR SHALL ADJUST THE LIMITS OF THE PROTECTION MEASURES AS HIS WORK PROGRESSES OR SHOULD THEY BE INADEQUATE TO CONTROL RUNOFF OF SILT-LADEN WATER.
- THE CONTRACTOR SHALL REMOVE SILT FROM ALL STORM DRAIN APPURTENANCES AND EROSION CONTROL DEVICES AFTER EACH RAIN.
- THE PROTECTION MEASURES MAY BE TEMPORARILY MOVED OUT OF THE CONTRACTOR'S WAY TO FACILITATE CONSTRUCTION, PROVIDED THEY ARE REINSTALLED PRIOR TO THE NEXT RAIN STORM.
- THE CONTRACTOR SHALL MODIFY HIS CREW OF THE INTENT OF THE PROTECTION MEASURES PRIOR TO THE START OF THE RAINY SEASON. THE CREW IS REQUIRED TO MONITOR THE EFFECTIVENESS OF THE SYSTEM AND ALERT THE CONTRACTOR OF ANY FAILURES OR PROBLEMS.
- STAGING, REFUELING OF EQUIPMENT AND STORAGE OF MATERIALS AREAS MAY CHANGE THROUGHOUT CONSTRUCTION, AS REQUIRED. THE AREAS SHALL BE INSPECTED FREQUENTLY TO ENSURE NO SPILLED HAZARDOUS MATERIALS CONTAMINATE THE GROUND. SHOULD THIS OCCUR, THE SPILL SHALL BE CLEANED UP IMMEDIATELY. REFUELING OF EQUIPMENT AND STORAGE OF HAZARDOUS MATERIALS SHALL NOT BE LOCATED NEAR STORM DRAIN INLETS, EXISTING BUILDINGS, OR DRAINAGE SWALES.
- CONTRACTOR SHALL ROUTINELY INSPECT AND MAINTAIN ALL EROSION CONTROL DEVICES IN WORKING CONDITION, AND SATISFACTORY TO THE GOVERNING AGENCIES AND PER DISTRICT'S REQUIREMENTS.
- CONTRACTOR SHALL PREVENT TRACKING OF MUD ONTO ADJACENT ROADS.
- CONTRACTOR SHALL CONSTRUCT A CONCRETE WASHOUT AREA PER THE CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD EROSION AND SEDIMENT CONTROL FIELD MANUAL. LOCATION TO BE COORDINATED WITH AND APPROVED BY THE DISTRICT'S REPRESENTATIVE.
- BEST MANAGEMENT PRACTICES FOR CONSTRUCTION ACTIVITIES: ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MAY NOT BE WASHED INTO THE NEARBY WATERS OR DRAINAGE SYSTEM. EXCESS OR WASTE CONCRETE MAY NOT WASHED INTO PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS, SUCH AS CONCRETE WASHOUT BASINS, MUST BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE. TRASH AND CONSTRUCTION RELATED SOLID WASTE MUST BE DEPOSITED INTO A COVERED WASTE RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND. SEDIMENTS AND OTHER MATERIAL MAY NOT BE TRACKED FROM THE SITE BY VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC ROADWAY. ACCIDENTAL DEPOSITION MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO MINIMIZE EROSION BY WIND AND WATER.

CAUTION

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR SITE AND UTILITY DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS _____ ELS _____ SS _____

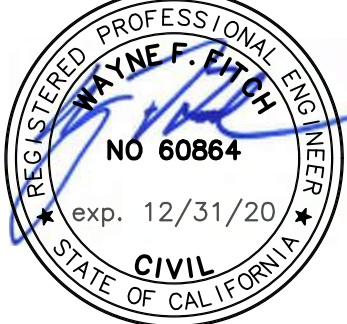


Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



111 East Victoria Street,
Santa Barbara, CA 93101
Phone: (805) 963-9532
Fax: (805) 966-9801



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

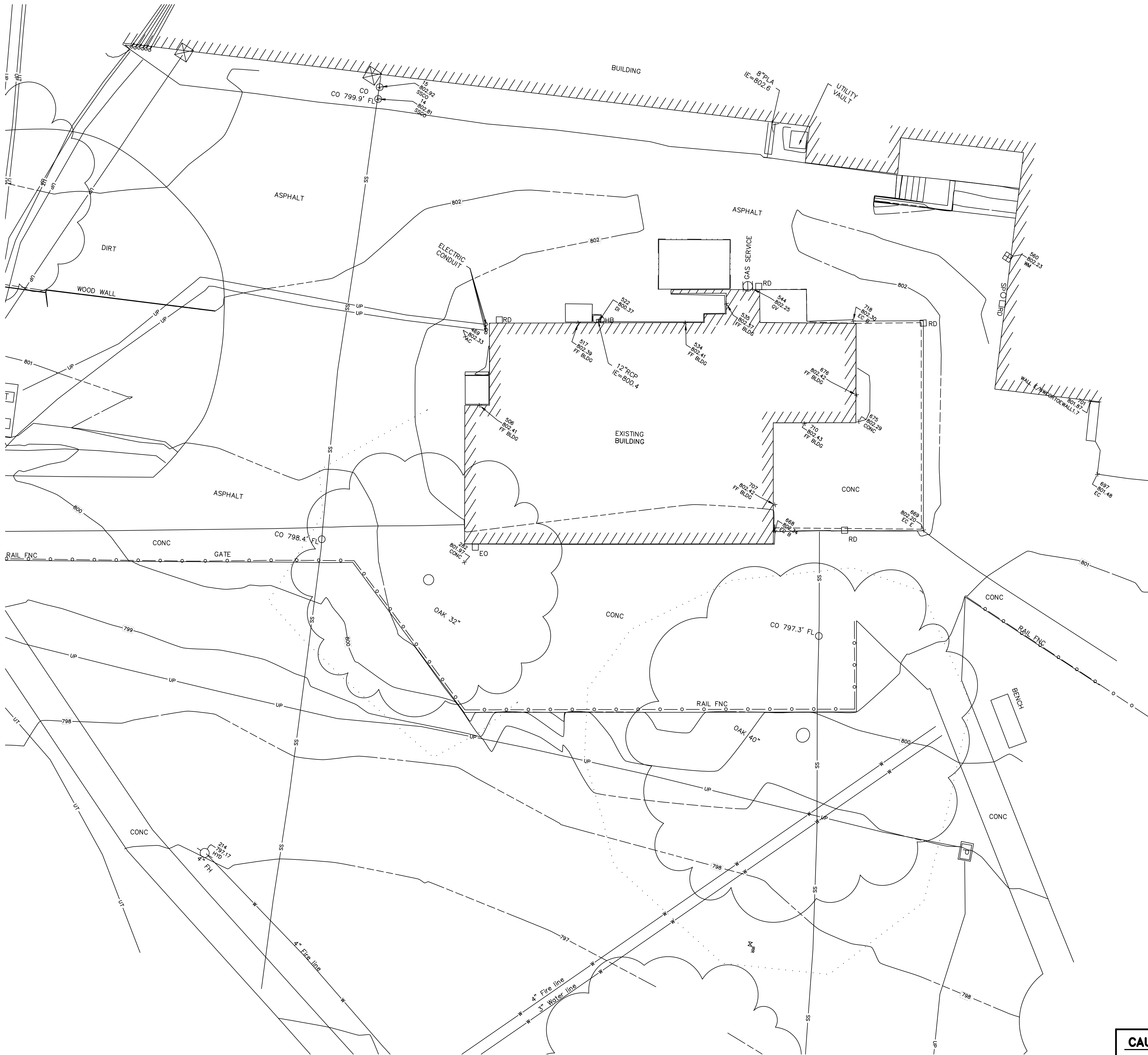
Sheet Name

GENERAL
NOTES

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

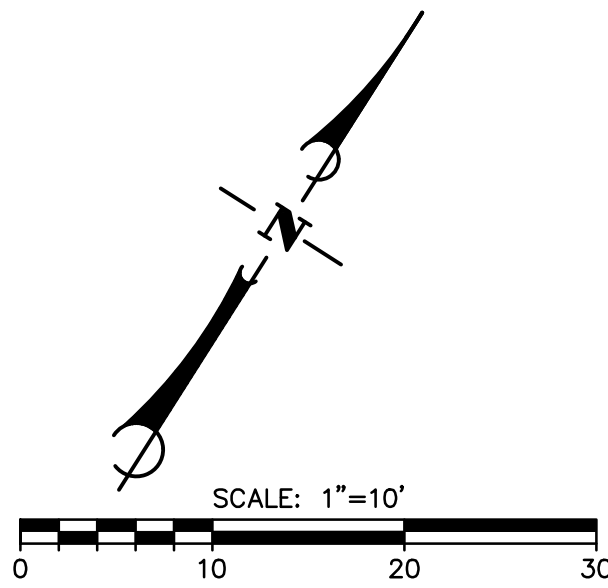
C-0.1

6/19/2019 8:28 AM V:\2064\ACTIVE\2064152100\ACAD\TASK_202 - MATALLIA KITCHEN\CIVIL\20641521001.DWG
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



CAUTION

CONTRACTOR SHALL POT HOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR SITE AND UTILITY DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT.



SURVEY NOTES

1. MAPPING

MAPPING IS SUPPLEMENTED BY DATA COLLECTED IN A FIELD SURVEY USING CONVENTIONAL METHODS AND PROCEDURES BY WM SURVEYS INC. DATED DECEMBER 22, 2017.

2. BASIS OF BEARINGS AND COORDINATES

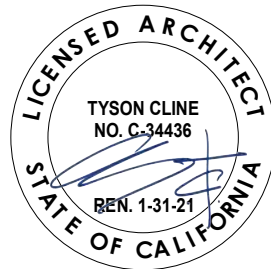
HORIZONTAL COORDINATE BASIS IS NAD 83.

3. ELEVATIONS

ELEVATIONS SHOWN HEREON ARE EXPRESSED IN U.S. SURVEY FEET AND ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

4. UTILITIES

SURFACE AND UNDERGROUND UTILITY FEATURES SHOWN HEREON HAVE BEEN LOCATED IN A FIELD SURVEY PERFORMED BY WM SURVEYS INC. BASED ON VISIBILITY ON THE DATE OF SURVEY. NO RESEARCH OR MAPPING OF SUBSURFACE UTILITIES HAS BEEN PERFORMED.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS. ELS. SS.



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA
JUNIOR HIGH
SCHOOL

**CONSTRUCTION
DOCUMENTS**

Revisions

No.	Description	Date

Sheet Name

**SITE
TOPOGRAPHIC
MAP**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

C-0.2

6/19/2019 10:14 AM V:\2064\ACTIVE\206415200\ACAD\TASK_202 - MATILIA KITCHEN CIVIL_2064152100GD.DWG
All files, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such files, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

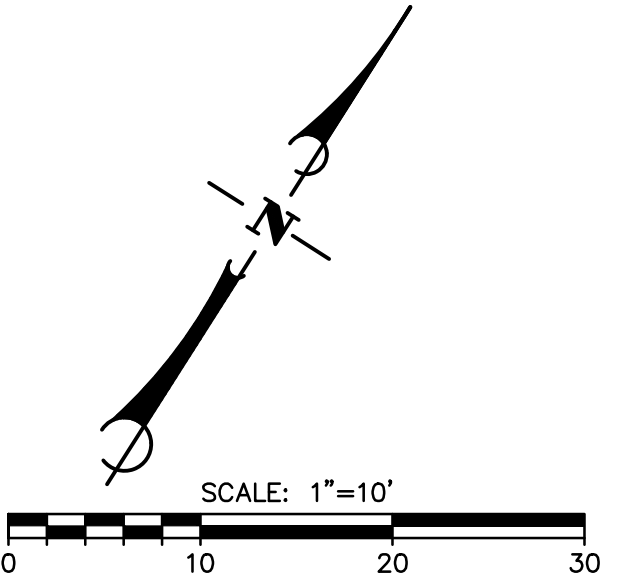


LEGEND

	BUILDING	AC	ASPHALT CONCRETE
	CONCRETE PAVEMENT	EP	EDGE OF PAVEMENT
	ASPHALT CONCRETE	FG	FINISH GRADE
	FLOW LINE	FL	FLOWLINE
	SAWCUT LINE	FS	FINISH SURFACE
		GB	GRADE BREAK
		INV	INVERT ELEVATION
		PL	PROPERTY LINE
		RIM	RIM ELEVATION
		TC	TOP OF CURB
		TG	TOP OF GRATE

- GENERAL NOTES:**
1. SEE LANDSCAPE PLANS FOR TREE PROTECTION, REMOVAL, AND PLANTING DETAILS.
 2. SEE IRRIGATION PLANS FOR IRRIGATION WATERLINE REMOVAL, PROTECTION, AND CONSTRUCTION DETAILS.
 3. SEE ELECTRICAL PLAN FOR SITE LIGHTING REMOVAL, PROTECTION, AND CONSTRUCTION DETAILS.
 4. DEMOLISH EXISTING IMPROVEMENTS AND LEGALLY DISPOSE OF OFF-SITE, AS REQUIRED FOR THE PROPOSED CONSTRUCTION.

- GRADING CONSTRUCTION NOTES:**
1. CONSTRUCT BUILDING PER ARCHITECTURAL PLANS.
 2. APPROXIMATE SAWCUT LINE AND MATCH EXISTING. MAINTAIN MAX. SLOPE AS SHOWN ON PLAN.
 3. CONSTRUCT MIN. 5" THICK P.C. CONCRETE WITH #4 REBAR AT 18" O.C., BOTH WAYS, OVER MIN. 4" THICK CLASS 2 AGGREGATE BASE AND COMPACT TO MIN. 95% COMPACTION PER DETAIL "A" ON SHEET C2.1.
 4. CONSTRUCT MIN. 3" THICK ASPHALT CONCRETE PAVEMENT OVER MIN. 8" THICK CLASS 2 AGGREGATE BASE COMPACTED TO MIN. 95% COMPACTION PER DETAIL "B" ON SHEET C2.1.
 5. CONSTRUCT 6" HIGH FOUNDATION CURB WALL IN DESIGNATED LOCATIONS REPRESENTED BY DASHED LINES. SEE ARCHITECTURAL DETAIL 7 ON SHEET AD-1.1.
 6. PROTECT EXISTING CONCRETE OR ASPHALT PAVEMENT IN PLACE.
 7. SAWCUT EXISTING CONCRETE PAVEMENT AT EXISTING SCORE MARK / CONSTRUCTION JOINT AND REMOVE ENTIRE CONCRETE PAVEMENT PANEL, AND LEGALLY DISPOSE OF OFF-SITE.
 8. CONSTRUCT CONCRETE STAIRS PER ARCHITECTURAL PLANS.
 9. CONSTRUCT CONCRETE SEAT WALL PER ARCHITECTURAL PLANS.
 10. CONSTRUCT CONCRETE PLANTER WALL PER ARCHITECTURAL PLANS.



CAUTION

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR SITE AND UTILITY DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638
ACS ELS SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

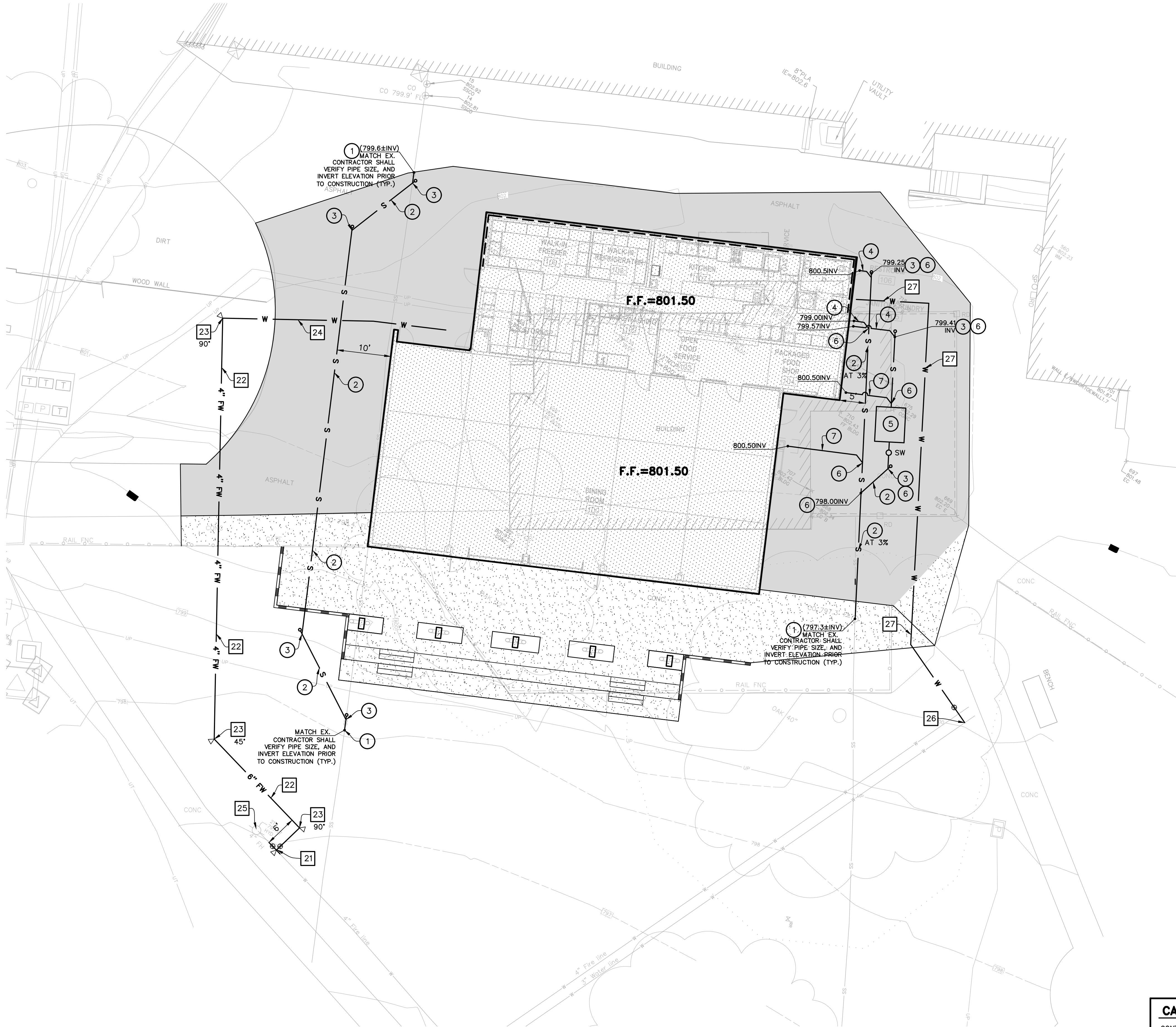
Revisions		
No.	Description	Date

Sheet Name
GRADING PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

C-1.1

6/19/2019 10:14 AM V:\2064\ACTIVE\2064152100\ACAD\TASK 202 - MATILILJA KITCHEN\CIVIL\2064152100GDD.DWG
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



LEGEND

	BUILDING	AC	ASPHALT CONCRETE
	CONCRETE PAVEMENT	EP	EDGE OF PAVEMENT
	ASPHALT CONCRETE	FG	FINISH GRADE
	FLOW LINE	FH	FIRE HYDRANT
	SAWCUT LINE	FL	FLOWLINE
	PROPOSED SEWER LINE	FS	FINISH SURFACE
	PROPOSED WATER LINE	GB	GRADE BREAK
	PROPOSED FIRE WATER LINE	GP	GUARD POST
		INV	INVERT ELEVATION
		PL	PROPERTY LINE
		RIM	RIM ELEVATION
		R.O.W.	RIGHT OF WAY
		SW	SAMPLE WELL
		TC	TOP OF CURB
		TG	TOP OF GRATE

GENERAL NOTES:

- CONTRACTOR SHALL VERIFY LOCATION, SIZE, MATERIAL, AND DEPTH OF EXISTING UTILITY PIPE(S) PRIOR TO CONSTRUCTION (TYP. FOR ALL UTILITY CONNECTIONS FOR THE ENTIRE PROJECT).
- CONTRACTOR SHALL PROTECT ALL EXISTING FACILITIES TO REMAIN AND ADJUST ALL UTILITY SURFACE FEATURES TO FINAL GRADES (TYPICAL FOR ALL EXISTING UTILITIES SURFACE FEATURES WITHIN THE ENTIRE PROJECT SITE).
- ALL UTILITY SERVICES, INCLUDING DOMESTIC WATER, FIRE WATER, SANITARY SEWER, NATURAL GAS, ELECTRICAL, TELECOMMUNICATION, ETC. SHALL BE MAINTAINED ACTIVE AT ALL TIMES.
- SEE LANDSCAPE PLANS FOR TREE PROTECTION, REMOVAL, AND PLANTING DETAILS.
- SEE IRRIGATION PLANS FOR IRRIGATION WATERLINE AND FEATURES REMOVAL, PROTECTION, AND CONSTRUCTION DETAILS.
- SEE ELECTRICAL PLAN FOR SITE LIGHTING REMOVAL, PROTECTION, AND CONSTRUCTION DETAILS.

SANITARY SEWER CONSTRUCTION NOTES:

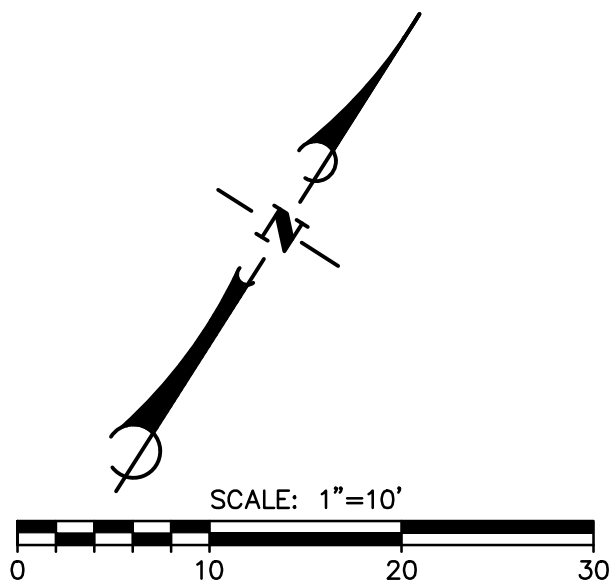
- REMOVE A PORTION OF EXISTING 4" DIA. SANITARY SEWER LINE AND LEGALLY DISPOSE OF OFF-CAMPUS. CONNECT PROPOSED 4" DIA. SEWER LINE TO EXISTING SEWER LINE WITH SMITH-BLAIR STEEL COUPLER OR EQUAL. CONSTRUCT 2' LONG SPOOL OF 4" DIA. SDR35 PVC SEWER LINE PER TRENCH DETAIL "C" ON SHEET C2.1.
- CONSTRUCT 4" DIA. SDR35 PVC SEWER LINE PER TRENCH DETAIL "C" ON SHEET C2.1 AND REQUIRED DISTANCE PER STRUCTURAL DETAIL 11 ON SHEET S0.2.
- CONSTRUCT SEWER CLEANOUT PER STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION ("GREENBOOK") STANDARD PLAN 204-2, AS SHOWN ON SHEET C2.2.
- CONSTRUCT 4" DIA. SDR35 PVC SEWER LINE AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "C" ON SHEET C2.1 TO 5' OUTSIDE PROPOSED BUILDING. CONNECT TO BUILDING SEWER SERVICE PER PLUMBING PLANS.
- CONSTRUCT GREASE INTERCEPTOR AND SAMPLING WELL PER PLUMBING PLAN P-3.0, AND REQUIRED DISTANCE PER STRUCTURAL DETAIL 11 ON SHEET S0.2..
- CONSTRUCT WYE CONNECTION PER MANUFACTURER'S SPECIFICATIONS AND CONNECT PROPOSED SEWER LINES.
- CONSTRUCT 2" DIA. SCHEDULE 80 PVC SEWER LINE AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "C" ON SHEET C2.1 TO 5' OUTSIDE PROPOSED BUILDING. CONNECT TO BUILDING SEWER SERVICE PER PLUMBING PLANS.

WATERLINE CONSTRUCTION NOTES:

- REMOVE A PORTION OF EXISTING 4" DIA. FIRE WATERLINE AND LEGALLY DISPOSE OF OFF-CAMPUS. CONSTRUCT 4"x4"x6" FLG.xM/J TEE, 4" FLG. GATE VALVE AND VALVE CAN PER CASITAS MUNICIPAL WATER DISTRICT (CMWD) STANDARD PLAN SD-4, 6" M/J GATE VALVE AND VALVE CAN PER CMWD STANDARD PLAN SD-4, AND CONCRETE THRUST BLOCK PER CMWD STANDARD PLAN SD-2 (AS SHOWN ON SHEET C2.1).
- CONSTRUCT 4" DIA. C900 CL 305 PVC FIRE WATERLINE AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "C" ON SHEET C2.1.
- CONSTRUCT 4" DIA. BEND AND CONCRETE THRUST BLOCK PER CMWD STANDARD PLAN SD-2 (AS SHOWN ON SHEET C2.1). ANGLE PER PLAN.
- CONSTRUCT 4" DIA. C900 CL 305 PVC FIRE WATERLINE AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "C" ON SHEET C2.1 TO 5' OUTSIDE BUILDING AND CONNECT TO BUILDING FIRE WATER SERVICE LINE PER FIRE PROTECTION PLANS.
- MAINTAIN EXISTING FIRE HYDRANT AND PROTECT IN PLACE.
- CONSTRUCT 2" DIA. TYPE "K" HARD COPPER TUBING AND ALL NECESSARY FITTINGS SIMILAR TO CMWD STANDARD PLAN SD-12 (AS SHOWN ON SHEET C2.1). CONNECT TO BUILDING WATER SERVICE LINE PER PLUMBING PLAN P-3.0.
- CONSTRUCT 2" DIA. TYPE "K" HARD COPPER TUBING AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "C" ON SHEET C2.1. CONNECT TO BUILDING SEWER SERVICE PER PLUMBING PLANS.

CAUTION

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR SITE AND UTILITY DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS ELS SS



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.628.5330
F: 805.628.5350
www.RNTarchitects.com



111 East Victoria Street,
Santa Barbara, CA 93101
Phone: (805) 963-9532
Fax: (805) 966-9801



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

SITE SANITARY
SEWER AND
WATERLINE
PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

C-1.2


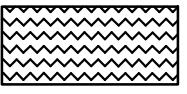
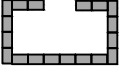
6/19/2019 10:14 AM V:\2064\ACTIVE\2064152100\ACAD\TASK 202 - MATILIA KITCHEN\CIVIL\2064152100GD.DWG
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

1. THE CONTRACTOR SHALL UTILIZE THIS PLAN ONLY AS A GUIDE TO FULFILL ALL REGULATORY AND PRACTICAL REQUIREMENTS RELATED TO EROSION CONTROL AND STORM WATER POLLUTION PREVENTION.
2. A STANDBY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON (NOVEMBER 1 TO APRIL 15). NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
3. EROSION CONTROL DEVICES MAY BE REMOVED WHEN APPROVED BY THE BUILDING AND SAFETY INSPECTOR IF THE GRADING OPERATIONS HAVE PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
4. EARTHEN AREAS ADJACENT TO THE PUBLIC RIGHT OF WAY SHALL DRAIN AWAY FROM THE PUBLIC RIGHT OF WAY AT THE CONCLUSION OF EACH WORKING DAY.
5. ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM.
6. EXCEPT AS OTHERWISE APPROVED BY THE BUILDING AND SAFETY INSPECTOR, ALL REMOVABLE PROTECTIVE DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY OR WEEKENDS WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40%.
7. ALL LOOSE SOIL AND DEBRIS, WHICH MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE REMOVED FROM THE SITE AS DIRECTED BY THE GRADING INSPECTOR.
8. THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION AND/OR RUNOFF DAMAGE WITHIN THE SITE SHALL BE AT THE DISCRETION OF THE GRADING INSPECTOR.
9. EROSION CONTROL DEVICES SHALL NOT BE MODIFIED WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE. REVISED PLANS SHALL BE SUBMITTED FOR APPROVAL.
10. THE CONTRACTOR SHALL SUPERVISE EROSION CONTROL WORK IN ACCORDANCE WITH THE APPROVED PLANS. THE WORK ALSO INCLUDES, BUT IS NOT LIMITED TO, INSPECTION OF EROSION CONTROL MEASURES BEFORE EACH RAINSTORM AND 5-DAY PROBABILITY RAIN FORECAST.
11. IF RAIN IS FORECAST OR THREATENING, ALL STOCKPILED MATERIALS SHALL BE TARPED TO PREVENT EROSION. TARP SHALL BE ANCHORED WITH GRAVEL FILLED BAGS AT 8' INTERVALS.
12. WHENEVER SEDIMENT-LADEN WATER MUST BE REMOVED FROM THE CONSTRUCTION SITE, A DEWATERING PUMP, A FILTER BOX, PORTABLE SEDIMENT TANK, OR SOME FORM OF FILTERING MEDIA IS TO BE USED PRIOR TO OR DURING DISCHARGE.

EROSION CONTROL LEGEND

-  FIBER ROLL AND SILT FENCE
-  STABILIZED ENTRANCE
-  CONCRETE WASH-OFF AREA

EROSION CONTROL CONSTRUCTION NOTES

1. CONSTRUCT FIBER ROLL AND SILT FENCE PER DETAIL "F" ON SHEET C2.2. FIBER ROLL SPACING SHALL NOT EXCEED 20' SPACING FOR SLOPES 4:1 AND FLATTER, 15' FOR SLOPES BETWEEN 2:1 AND 4:1, AND 10' FOR SLOPES 2:1 AND GREATER (U.N.O.).
2. CONSTRUCT CONCRETE WASH-OUT AREA PER DETAIL "E" ON SHEET C2.2.
3. CONSTRUCT STABILIZED ENTRANCE (A MINIMUM 20 FEET LONG BY FULL CONSTRUCTION ENTRANCE ROADWAY WIDTH METAL RUMBLE STRIP) AT ALL ACCESS POINTS FROM THE JOB SITE TO PREVENT TRACKING OF MUD ONTO PUBLIC ROADS, UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.

CAUTION

CONTRACTOR SHALL POTHOLE AND VERIFY ALL EXISTING UTILITIES WITHIN PROJECT SITE PRIOR TO CONSTRUCTION AND REPORT ANY CONFLICTS TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL PROPOSE ANY HORIZONTAL REALIGNMENT AND/OR VERTICAL ADJUSTMENT FOR SITE AND UTILITY DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER OR THE PROJECT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS FLS SS



Roelsing Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



111 East Victoria Street,
Santa Barbara, CA 93101
Phone: (805) 963-9532
Fax: (805) 966-9801



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

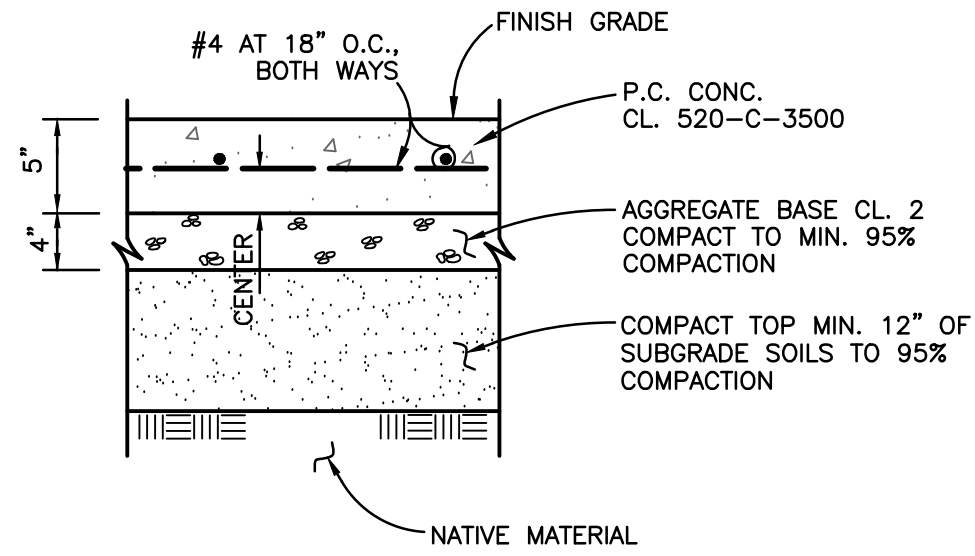
Sheet Name

EROSION
CONTROL PLAN

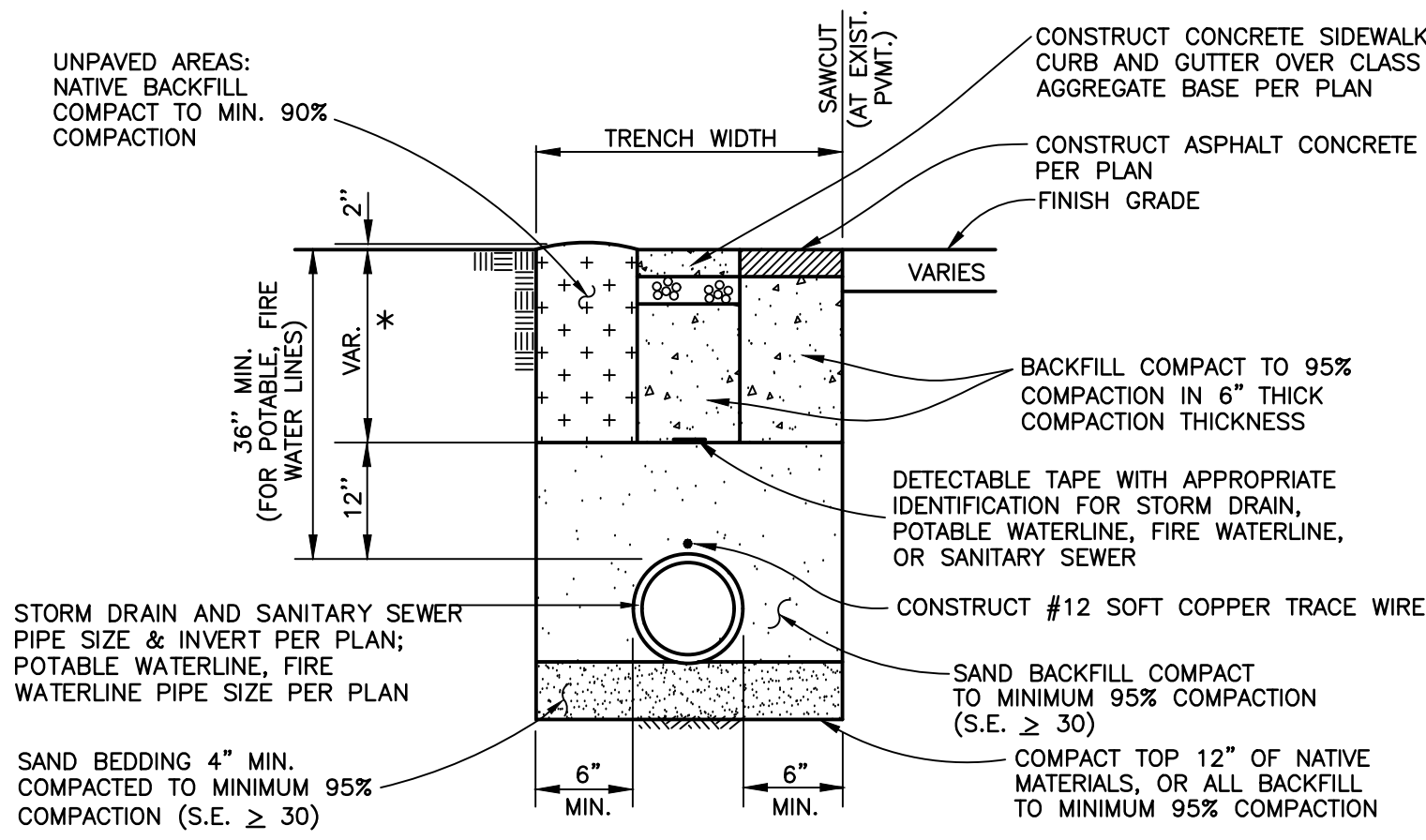
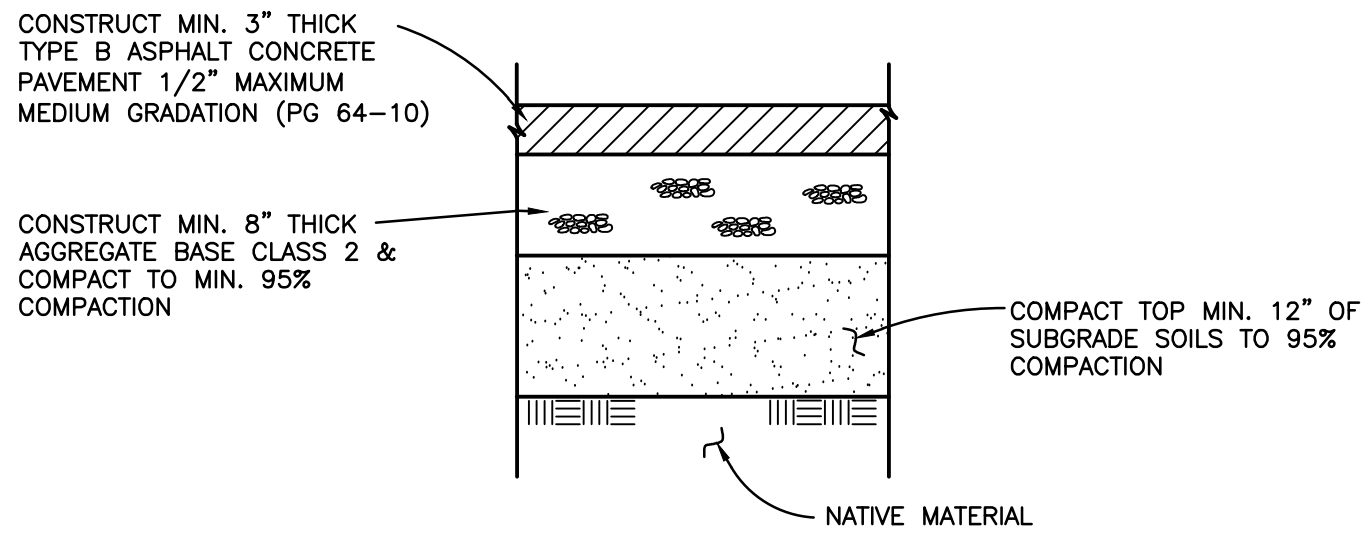
RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

C-1.3

6/19/2019 10:14 AM V:\2064\ACTIVE\2064152100\ACAD\TASK 202 - MATILILJA KITCHEN\CIVIL\2064152100GD.DWG
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessler Nakamura Terada Architects, Inc. and the property of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



- NOTES:
1. FOR DETAILS OF EXPANSION AND WEAKENED PLANE JOINTS SEE ARCHITECTURAL PLANS. FOR LAYOUT OF JOINTS, SEE ARCHITECTURAL PLANS OR MATCH EXISTING LAYOUT. WEAKENED PLANE JOINTS SHALL NOT EXCEED 10' SPACING, AND EXPANSION JOINTS SHALL NOT EXCEED 20' SPACING.
 2. SEE ARCHITECTURAL PLANS FOR CONCRETE PAVEMENT FINISH SURFACE, COLOR, AND TEXTURE DESIGN.
 3. CONSTRUCT MIN. 12" LONG #4 DOWEL AT 18" O.C. BETWEEN EXISTING P.C. CONCRETE PAVEMENT TO REMAIN AND PROPOSED P.C. CONCRETE PAVEMENT.



- * MAINTAIN MIN. 12" VERTICAL CLEARANCE FOR ALL UTILITY CROSSINGS.
- NOTE: CONTRACTOR SHALL VERIFY EXISTING UTILITIES BY POTHOLING, PRIOR TO CONSTRUCTION AND PROPOSE ANY HORIZONTAL AND/OR VERTICAL ADJUSTMENT FOR DRAINAGE DESIGN TO THE OWNER'S REPRESENTATIVE FOR APPROVAL PRIOR TO CONSTRUCTION.

(FOR POTABLE WATER, FIRE WATER, SANITARY SEWER, AND STORM DRAIN LINES)

CONCRETE STRUCTURAL SECTION

NOT TO SCALE

A

ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION

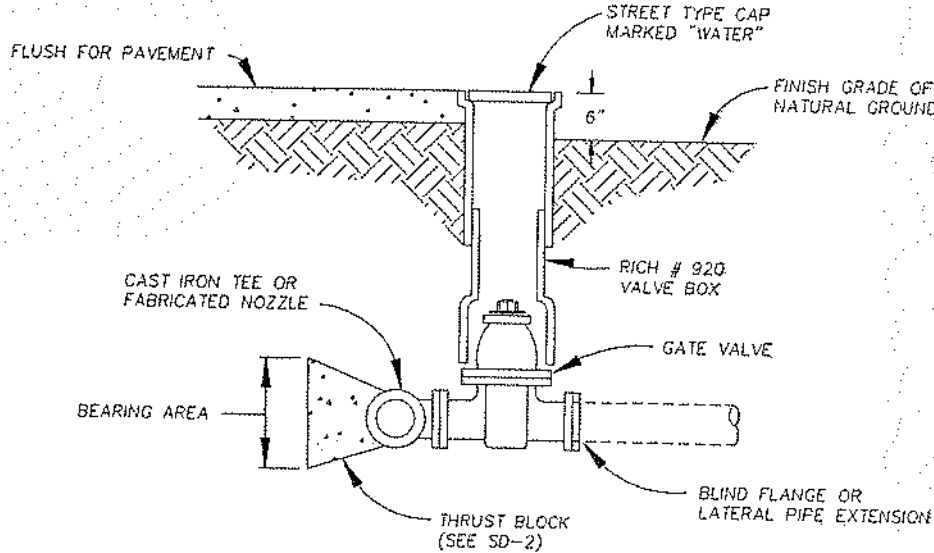
NOT TO SCALE

B

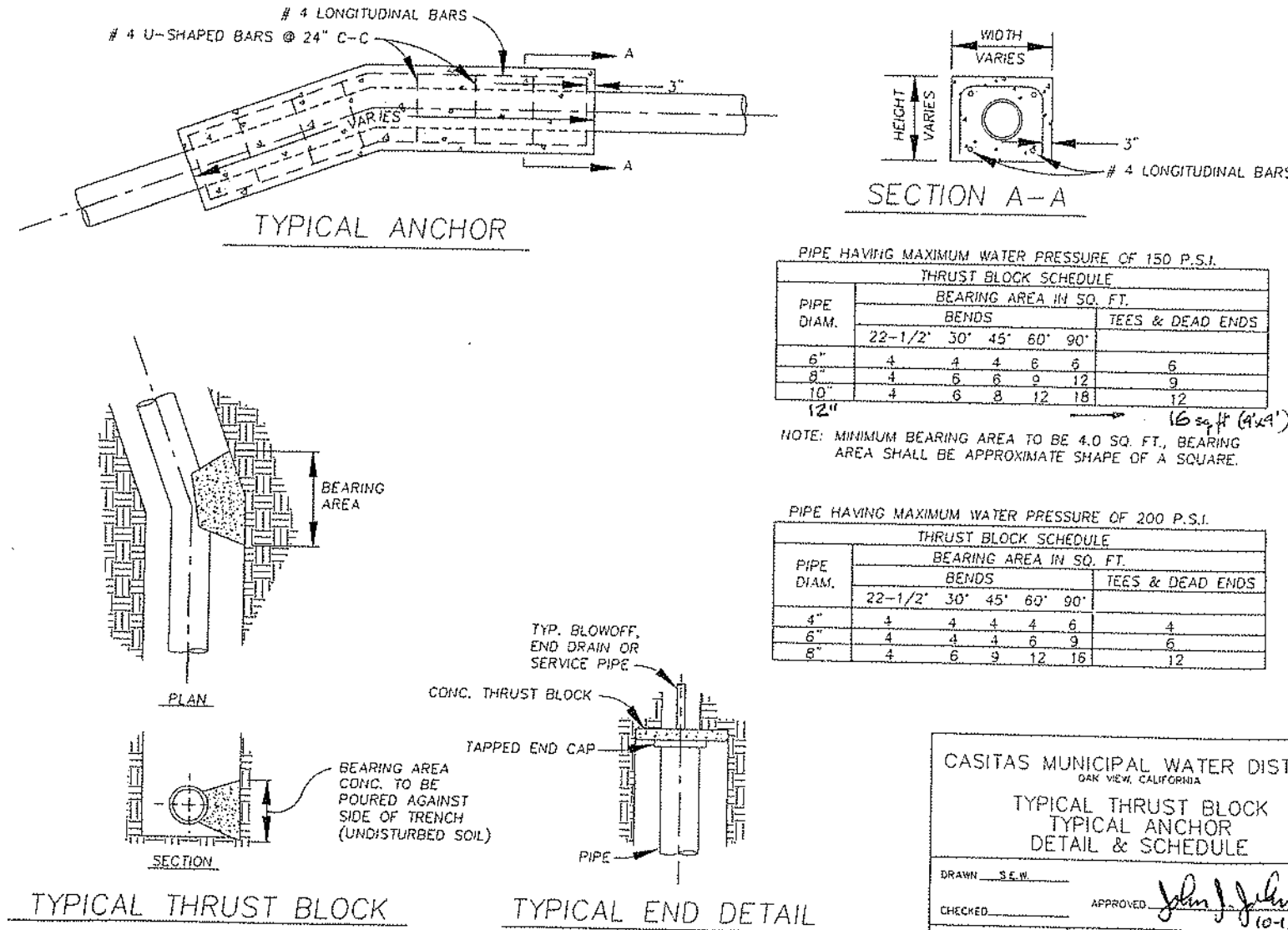
TYPICAL UTILITY TRENCH SECTION

NOT TO SCALE

C



CASITAS MUNICIPAL WATER DISTRICT
SAN JUAN, CALIFORNIA
TYPICAL TURNOUT
DRAWN: S.E.B.
CHECKED: [Signature]
APPROVED: [Signature]
SCALE: N.T.S. DATE: OCT 93' NO: SD - 4



PIPE HAVING MAXIMUM WATER PRESSURE OF 150 P.S.I.

PIPE DIAM.	THRUST BLOCK SCHEDULE				
	BEARING AREA IN SQ. FT.				
	22'-1/2"	30'	45'	60'	90'
6"	4	4	4	6	8
8"	4	5	6	12	9
12"	4	6	8	12	12
12"	4	6	8	12	12

NOTE: MINIMUM BEARING AREA TO BE 4.0 SQ. FT. BEARING AREA SHALL BE APPROXIMATE SHAPE OF A SQUARE

PIPE HAVING MAXIMUM WATER PRESSURE OF 200 P.S.I.

PIPE DIAM.	THRUST BLOCK SCHEDULE				
	BEARING AREA IN SQ. FT.				
	22'-1/2"	30'	45'	60'	90'
4"	3	4	4	6	4
6"	4	5	6	9	8
8"	4	6	8	12	12

CASITAS MUNICIPAL WATER DISTRICT
SAN JUAN, CALIFORNIA
TYPICAL THRUST BLOCK
TYPICAL ANCHOR
DETAIL & SCHEDULE
DRAWN: S.E.B.
CHECKED: [Signature]
APPROVED: [Signature]
SCALE: N.T.S. DATE: OCT 93' NO: SD - 2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638
ACS ELS SS

Roessler Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTArchitects.com

Stantec
111 East Victoria Street,
Santa Barbara, CA 93101
Phone: (805) 963-9532
Fax: (805) 966-9801

REGISTERED PROFESSIONAL ENGINEER
WAYNE F. FLYNN
NO 60864
exp. 12/31/20
CIVIL
STATE OF CALIFORNIA

Ojai Unified School District
OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

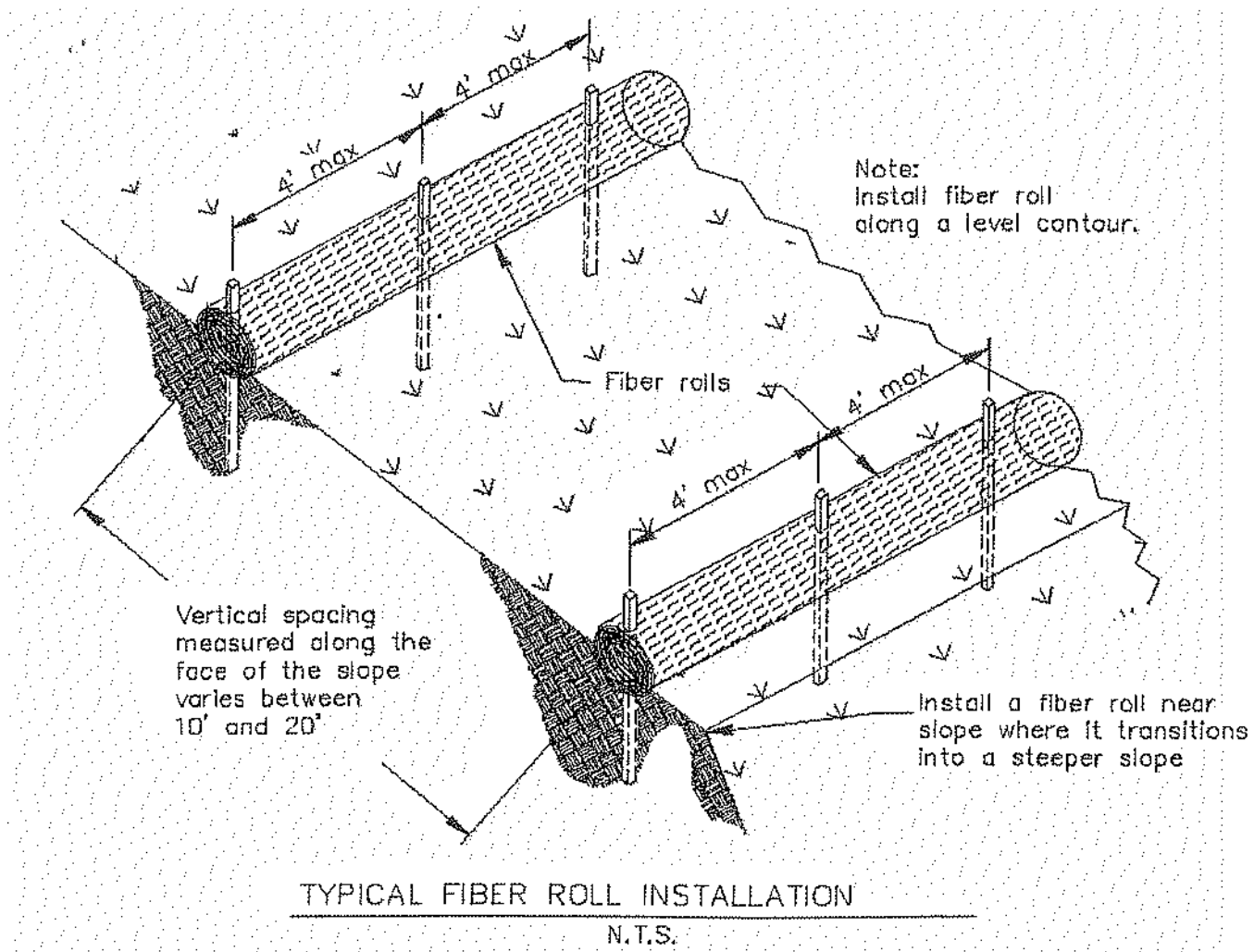
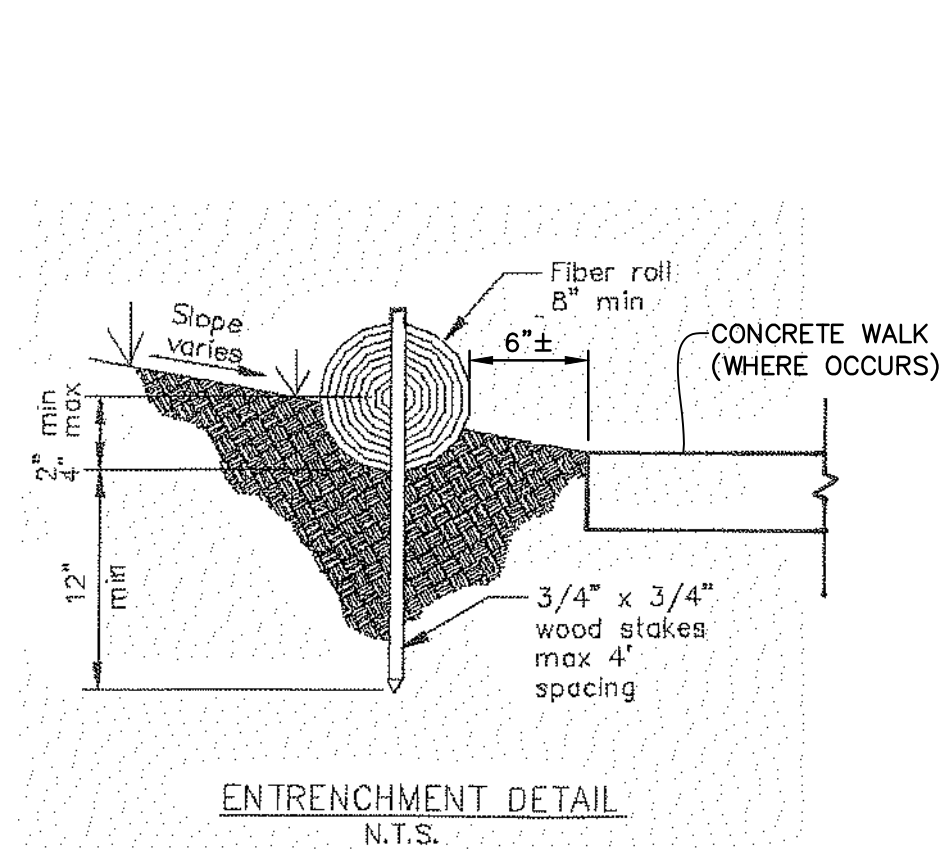
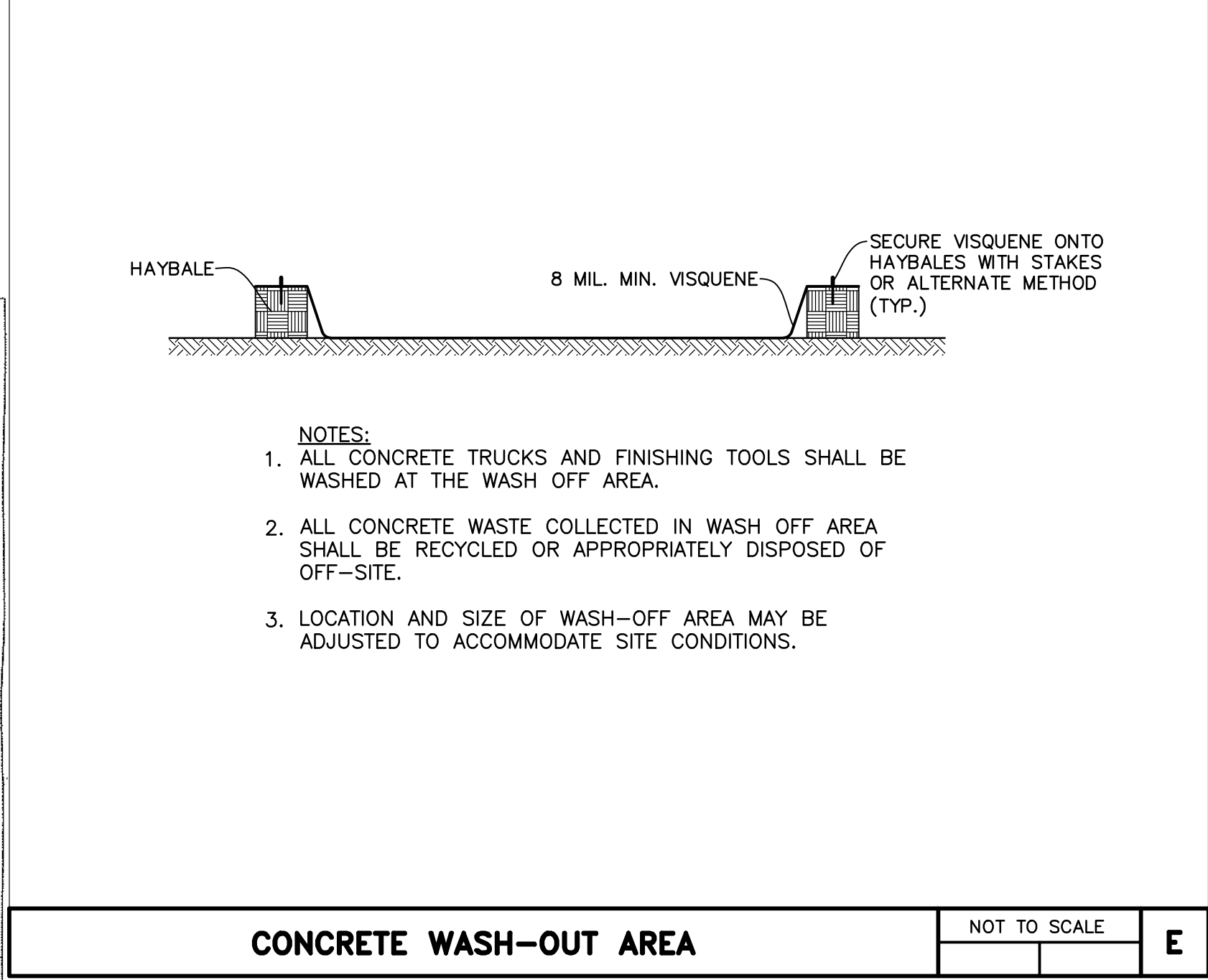
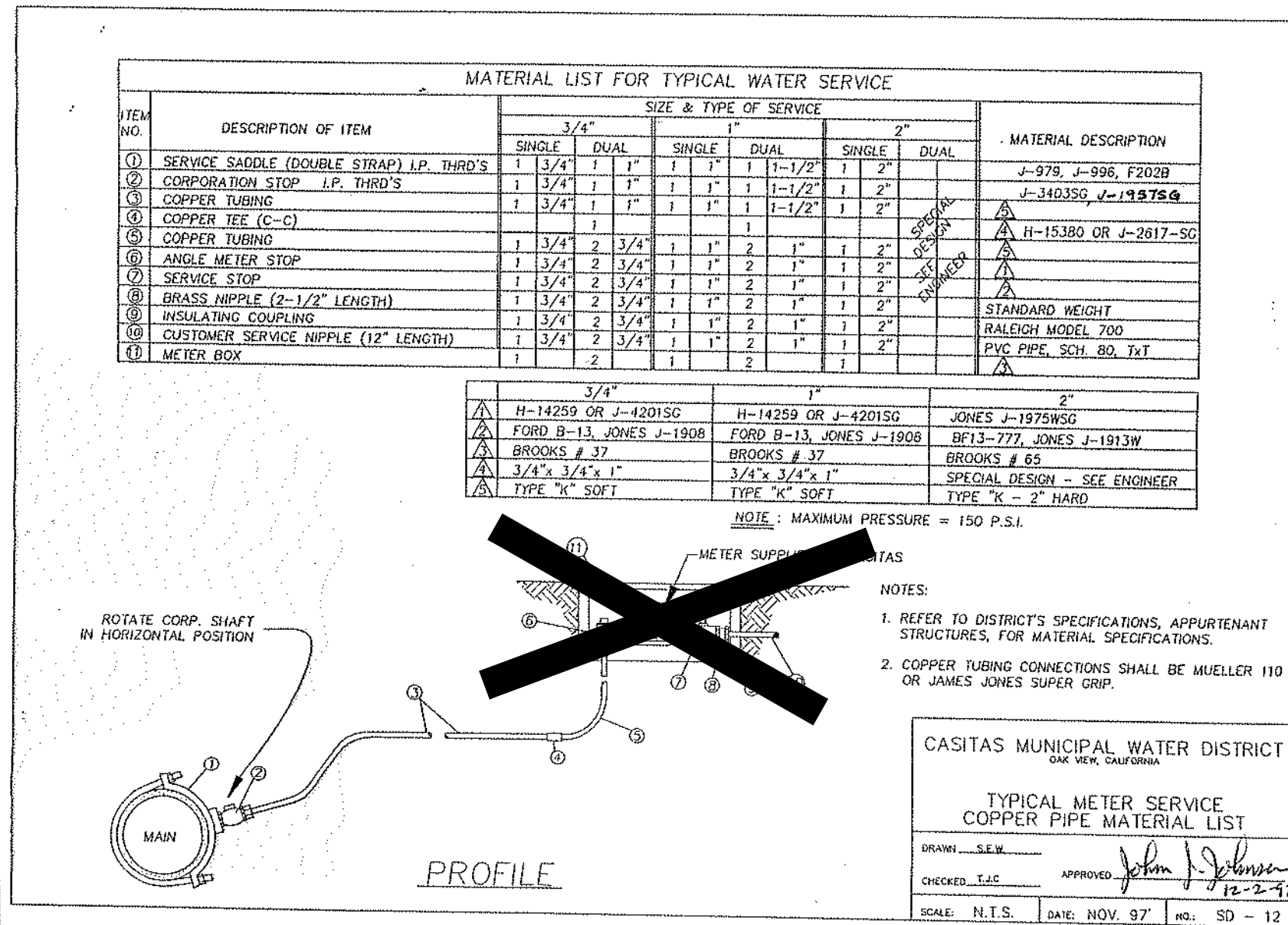
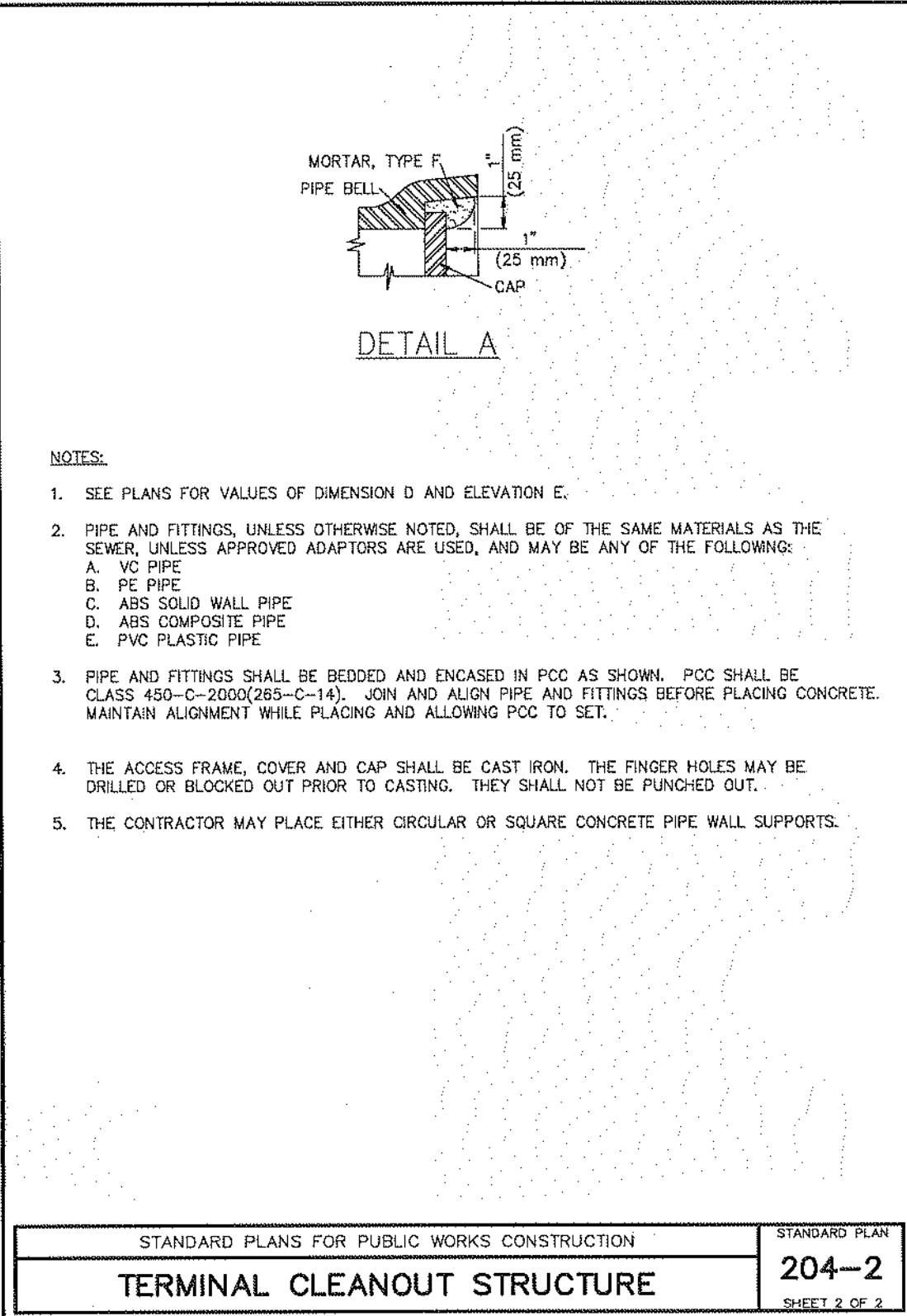
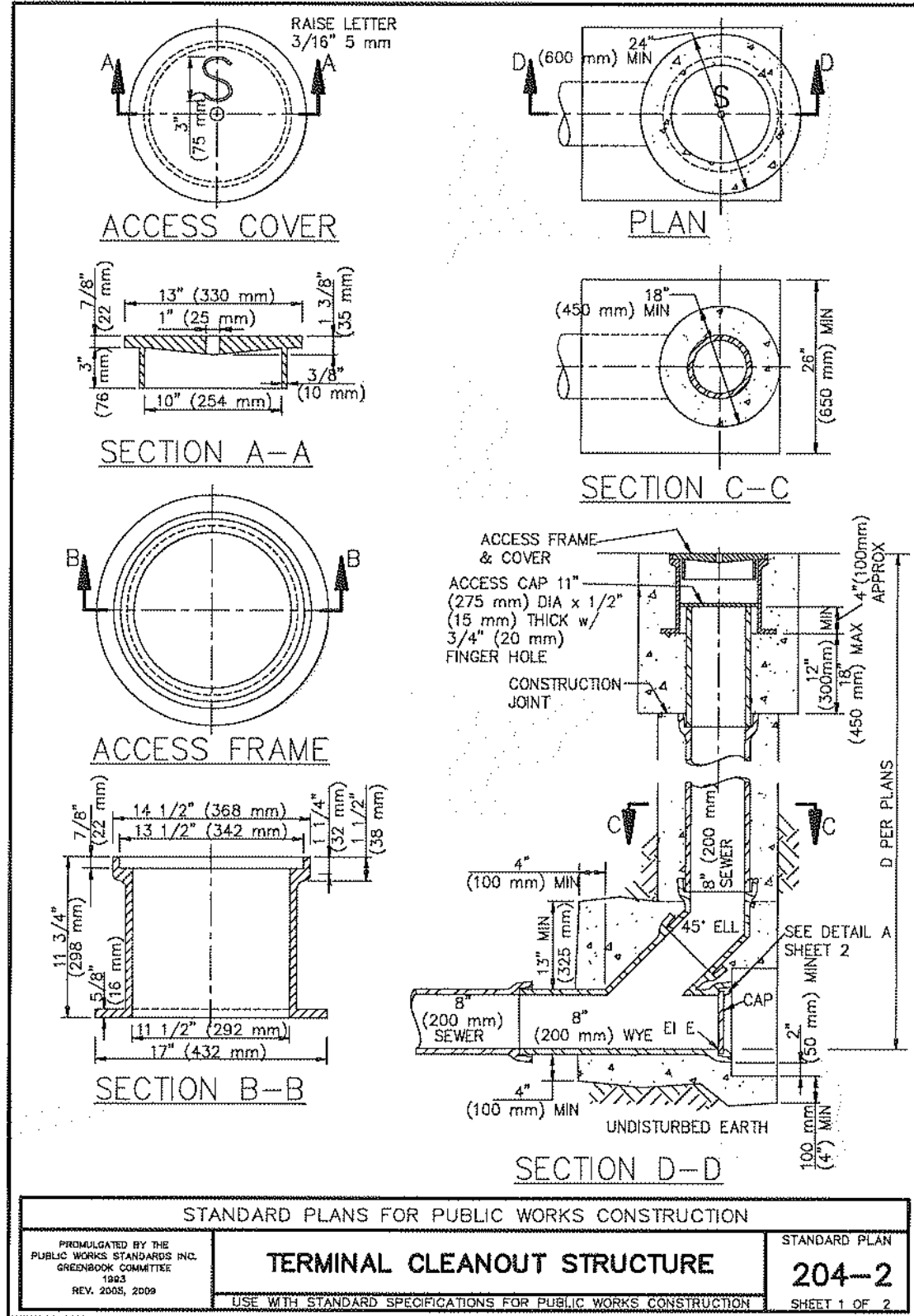
Revisions

No.	Description	Date

Sheet Name
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

C-2.1



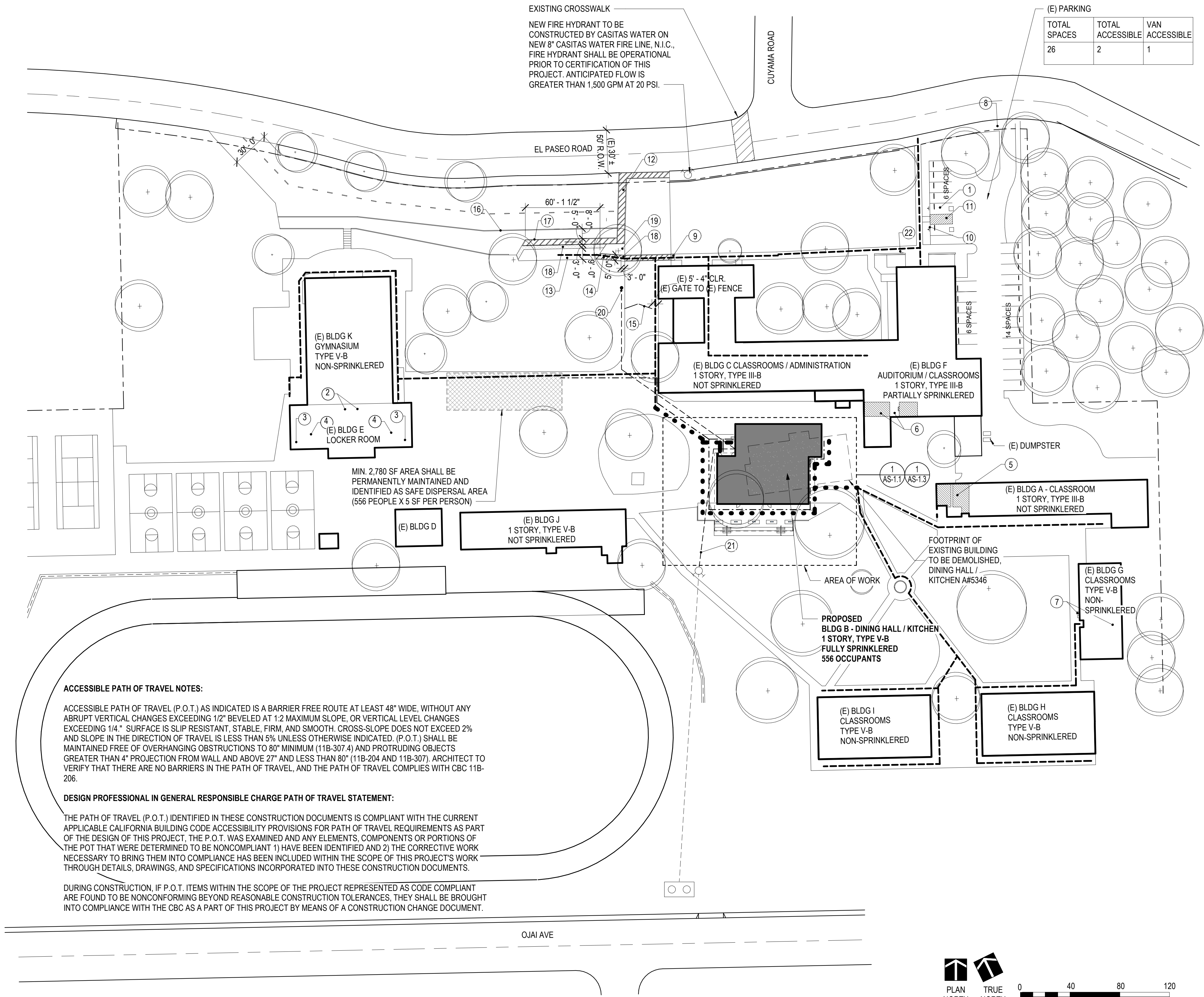
FIBER ROLL DETAILS

NOT TO SCALE		F

[illegible]

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	WF
Checked by	SW
Sheet Number	

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

- ALL EXISTING BUILDINGS, PARKING LOTS, PATHS OF TRAVEL, SANITARY FACILITIES, DRINKING FOUNTAINS, SIGNAGE & PUBLIC TELEPHONES DSA CERTIFIED UNDER PREVIOUS DSA APPROVED PROJECTS OR APPROVED AS PART OF PROJECT 03-118467, SEE PROJECT CERTIFICATION NOTE ON T-1.1.
- PROVIDE PORTABLE ASSISTIVE LISTENING SYSTEM PER CBC 11B-219.2. THE MINIMUM NUMBER OF RECEIVERS SHALL BE EQUAL TO 4% OF THE SEATING, BUT IN NO CASE LESS THAN TWO.
- FIXED SEATING FOR AREAS OF PUBLIC ASSEMBLY SHALL COMPLY WITH SEATING REQUIREMENTS OF CBC SECTION 11B-221.

LEGEND

- PROPERTY LINE
- AREA OF WORK
- EXISTING ACCESSIBLE PATH OF TRAVEL, A#03-107896
- PROPOSED ACCESSIBLE PATH OF TRAVEL, SLIP RESISTANT SURFACE WITH SLOPE LESS THAN 5% AND CROSS SLOPE LESS THAN 2%. GRATES WITHIN SURFACE SHALL HAVE OPENINGS LIMITED TO 1/2" IN THE DIRECTION OF TRAVEL.
- PROPOSED EGRESS PATH OF TRAVEL TO SAFE DISPERSAL AREA, MIN. 111.2" WIDE TO SERVE 556 OCCUPANTS
- FIRE HYDRANT, REFER TO CIVIL

- (E) ACCESSIBLE PARKING AND SIGNAGE, A# 03-118467
- (E) ACCESSIBLE BOYS & GIRLS TOILET ROOM, A# 03-118467
- (E) ACCESSIBLE MEN'S & WOMEN'S TOILET ROOMS, A# 03-118467
- (E) ACCESSIBLE DRINKING FOUNTAIN, A# 03-118467
- (E) ACCESSIBLE GIRLS AND BOYS TOILET ROOMS, A# 03-107896. SEE DETAIL 12/AD-7.1
- (E) ACCESSIBLE BOYS & GIRLS TOILET ROOM WITH DUAL HEIGHT DRINKING FOUNTAIN, A# 03-107301
- (E) ACCESSIBLE GENDER NEUTRAL TOILET ROOM AND DRINKING FOUNTAIN, A# 03-107896
- (E) ACCESSIBLE PARKING TOW AWAY SIGNAGE, A# 03-118467
- (E) DETECTABLE WARNING SURFACE, A# 03-118467
- (E) VAN ACCESSIBLE PARKING SPACE WITH ACCESSIBLE PARKING SIGN STATING "MINIMUM FINE \$250," A# 03-118467
- (E) "NO PARKING" TEXT, 12" HIGH IN COLOR WHITE, ON ACCESSIBLE PARKING AISLE, A# 03-118467
- (E) PEDESTRIAN CIRCULATION PATH STRIPING, A# 03-107896
- (E) ASPHALT WALKWAY WITH MIN. 4'-0" WIDTH MEETING ACCESSIBLE PATH OF TRAVEL REQUIREMENTS FOR SLIP RESISTANCE, MAX. CROSS SLOPE 2% AND MAX. RUNNING SLOPE 5%
- CONCRETE WALKWAY, MAX. CROSS SLOPE 2%, MAX. RUNNING SLOPE 5%. REFER TO 3/AS-2.1 AND 6/AS-2.1.
- (E) GATE, WITH KNOX BOX FOR FIRE ACCESS, A#03-107557
- RESTRIPE TO PROVIDE 8'-0" LANE AND MIN. 10'-0" TRAFFIC LANE.
- LOADING ZONE. SHALL BE MARKED WITH A PAINTED BORDERLINE. AREA WITHIN THE BORDERLINE SHALL BE MARKED WITH HATCHED, WHITE LINES, MAX. OF 36" O.C. THE WORDS "LOADING ZONE" SHALL BE PAINTED ON THE SURFACE IN WHITE LETTERS A MIN. OF 12" IN HEIGHT.
- DETECTABLE WARNING, REFER TO 8/AS-2.1
- (E) PLANTED AREA
- (N) FIRE DEPARTMENT CONNECTION, REFER TO FIRE PROTECTION DRAWINGS
- (N) 4" FIRE SPRINKLER LINE
- DIRECTIONAL SIGN, TYPE I. REFER TO 3/AD-6.1

PREVIOUS DSA APPLICATIONS

BUILDING	SQ. FT.	A#
BUILDING - A	4,880	9230 / 51555 / 107896
BUILDING - B	2,270	5346 / 51555
BUILDING - C	8,610	1926 / 9338 / 51555 / 107301
BUILDING - D	1,110	9230 / 51555
BUILDING - E*	3,790	9231 / 118467
BUILDING - F	6,230	1926 / 51555 / 104381 / 107301
BUILDING - G	2,602	37821 / 107896
BUILDING - H	5,280	26247
BUILDING - I	5,280	28247
BUILDING - J	4,200	28346
BUILDING - K	7,030	3294 / 5346 / 51555 / 118467

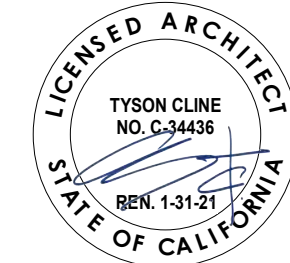
APPLICATION 03-107896 CERTIFIED 10/30/2017, LETTER TYPE #2.
APPLICATION 03-107301 CERTIFIED 9/27/2016, LETTER TYPE #2.
APPLICATION 03-118467 APPROVED 12/12/2018. PROJECT SHALL BE CERTIFIED PRIOR TO CERTIFICATION OF THIS PROJECT.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

OVERALL SITE PLAN

RNT Job No. 17759.04

Date 02/04/2019

Drawn by JR

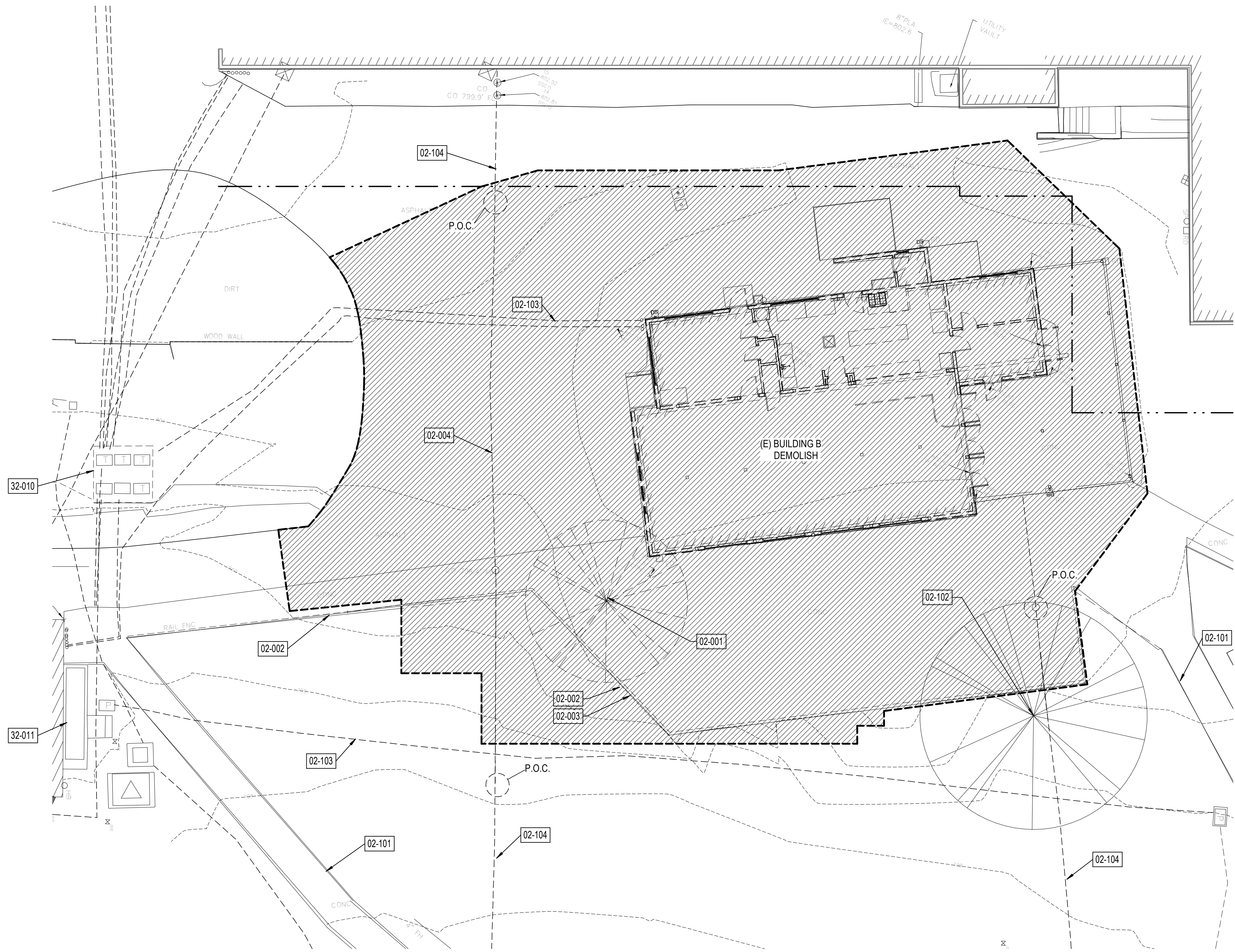
Checked by TB

Sheet Number

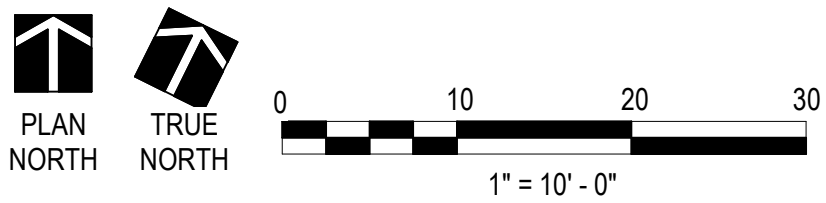
AS-1.0

6/29/2019 11:57:03 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.




1 DEMOLITION ENLARGED SITE PLAN
1" = 10'-0"



GENERAL NOTES

1. CONTRACTOR SHALL REPORT TO THE OWNER FOR INSTRUCTIONS IF THERE IS ANY ASBESTOS DURING INVESTIGATION PRIOR TO ANY DEMOLITION. THE CONTRACTOR SHALL REVIEW THE HAZARDOUS MATERIALS SURVEY AND RETAIN A LEAD AND ASBESTOS ABATEMENT CONTRACTOR TO REMOVE ALL CONTAMINANTS PRIOR TO DEMOLITION IN ACCORDANCE WITH APPLICABLE REGULATIONS. A LICENSED LEAD AND ASBESTOS CONTRACTOR SHALL COORDINATE THE WORK, PROVIDE SCHEDULE, AND ADMINISTER PAPERWORK WITH THE GENERAL CONTRACTOR FOR THE SURVEY/INSPECTION REPORT. REFER TO DEMOLITION NOTES ON SHEET T-1.2 FOR ADDITIONAL NOTES.
2. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING FOR ADDITIONAL DEMO NOTES AND WORK.
3. FOR SITE DEMOLITION REFER TO CIVIL DRAWINGS.
4. FOR PROPOSED FLOOR PLAN REFER TO A-1.1.
5. COORDINATE W/ DISTRICT REPRESENTATIVE FOR PROPER DISPOSITION OF ALL REMOVED EQUIPMENT AND MATERIALS.
6. EXISTING PAINT MAY CONTAIN LEAD, FOLLOW RELEVANT EPA AND OSHA / CAL-OSHA GUIDELINES FOR DISTURBING OR REMOVING LEAD CONTAINING MATERIALS.

LEGEND

-  LIMITS OF WORK, DEMOLISH BUILDING, PAVEMENT, AND SITE FEATURES WITHIN LIMITS

KEYNOTES

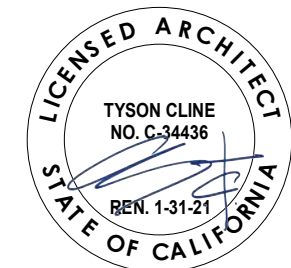
- 02-001 (E) TREE, REMOVE
02-002 (E) RAILING, REMOVE
02-003 (E) LANDSCAPE WALL, REMOVE
02-004 (E) SEWER LINE, REMOVE PORTION OF LINE AS REQUIRED FOR WORK, REFER TO C-1.2 AND AS-1.3
02-101 (E) SIDEWALK, PROTECT IN PLACE
02-102 (E) TREE, PROTECT IN PLACE
02-103 (E) UNDERGROUND ELECTRIC CONDUIT, PROTECT IN PLACE, REFER TO ELECTRICAL DRAWINGS
02-104 (E) SEWER LINE, PROTECT IN PLACE, REFER TO CIVIL
32-010 (E) COMMUNICATIONS VAULT, PROTECT IN PLACE
32-011 (E) ELECTRICAL SERVICE TO SITE DISTRIBUTION, REFER TO ELECTRICAL DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

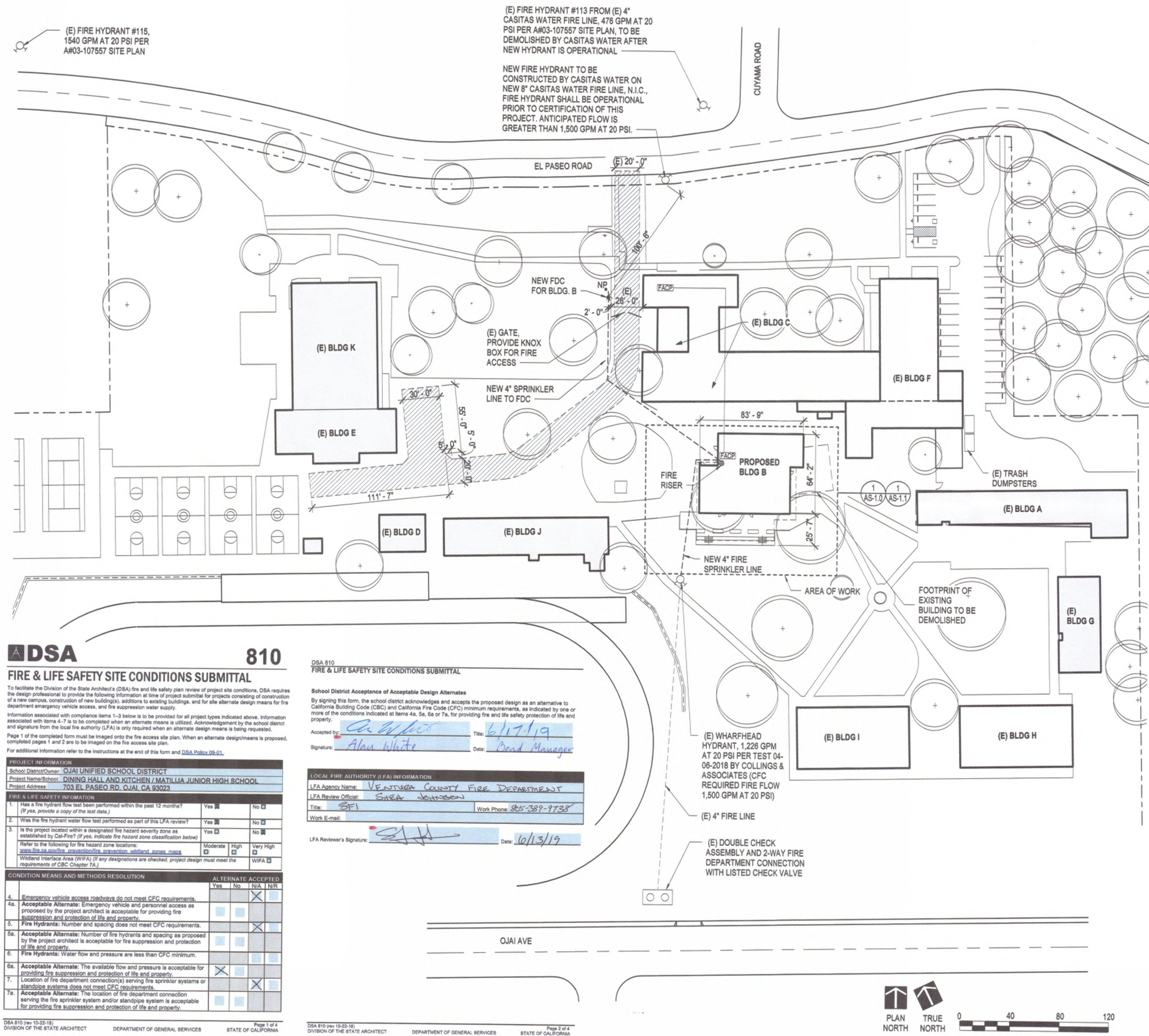
Sheet Name
**ENLARGED
DEMOLITION
SITE PLAN**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

AS-1.1

6/29/2019 11:57:06 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

- SEE T-3.0 FOR BUILDING CODE ANALYSIS
- DO NOT USE THIS PLAN TO LAY OUT STRUCTURES.
- ALL GATES WITHIN THE FIRE TRUCK ACCESS ROUTE SHALL BE EQUIPPED WITH A KNOX PADLOCK.
- THE BUILDING SHALL HAVE SIGNAGE VISIBLE FROM THE FIRE TRUCK ACCESS ROUTE - 12\"/>

LEGEND

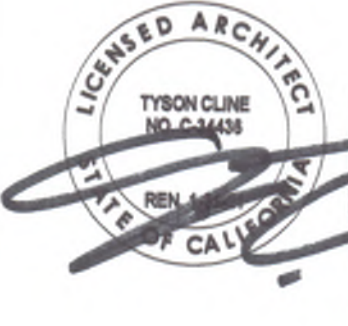
- 300' RADIUS FROM FIRE HYDRANT
- PROPERTY LINE
- AREA OF WORK
- (E) BUILDING TO REMAIN - NOT PART OF THIS APPLICATION
- (E) FIRE TRUCK ACCESS ROUTE - 20' CONSTANT WIDTH, W/ 28' INSIDE RADIUS, TYP. - UNLESS OTHERWISE NOTED ON THE PLAN
- FIRE HYDRANT
- FIRE RISER LOCATION, PROVIDE A DRAIN AT THE FIRE INSPECTOR TEST VALVE
- (E) NO PARKING - FIRE LANE SIGNAGE
- EXISTING FIRE SERVICE BACKFLOW PREVENTER
- FIRE ALARM CONTROL PANEL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS: FLS: SS:



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

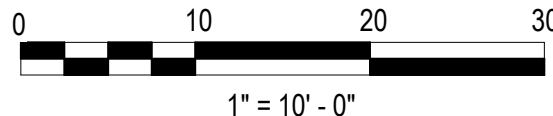
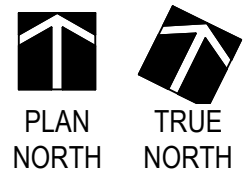
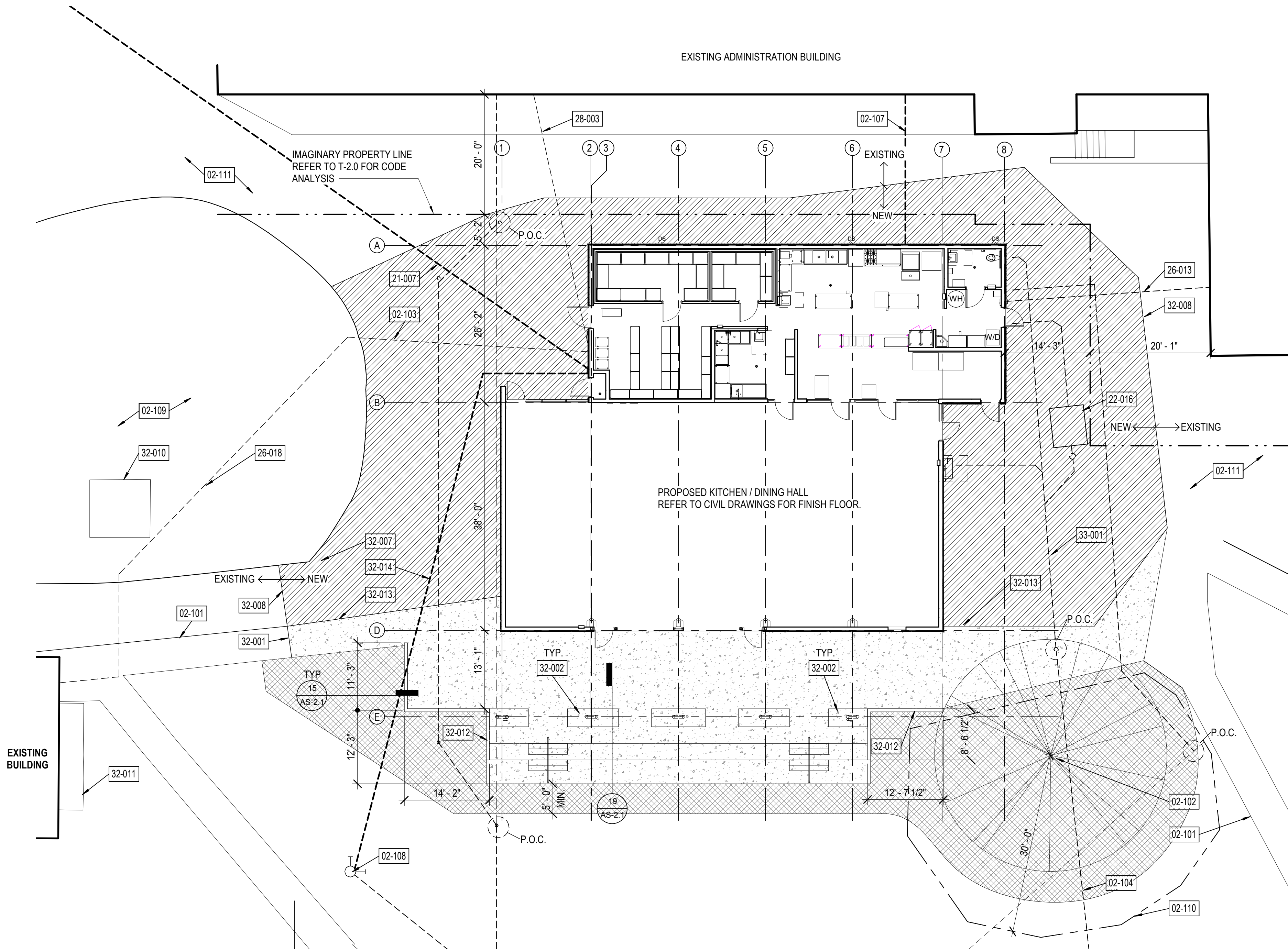
Sheet Name
FIRE ACCESS PLAN

RNT Job No. 17759.04
Date 02/04/2019
Drawn by EV
Checked by TDB
Sheet Number

AS-1.2

8/13/2019 8:23:01 AM




All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or a



GENERAL NOTES

1. REFER TO A5-1.0 AND A5-1.2 FOR ADDITIONAL INFORMATION.
2. REFER TO 2-2.0 FOR ADDITIONAL CODE RELATED INFORMATION INCLUDING OCCUPANCY LOADS, CODE REQUIRED EXITS, AND PATH OF EGRESS.
3. ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.
4. CONCRETE AND ASPHALT SURFACES SHALL BE ACCESSIBLE ROUTE SHALL BE AT LEAST AS SLIP RESISTANT AS A MEDIUM SALTED FINISH.
5. PROVIDE CONTROL JOINTS AT 11' O.C. EACH WAY MAX. IN CONC. PAVING.
6. FOR DIMENSION ON COVERED EATING AREA REFER TO A-1.1.

LEGEND

- | | |
|---|--|
|  | CONCRETE PAVING, REFER TO CIVIL DRAWINGS |
|  | ASPHALT CONCRETE PAVING, REFER TO CIVIL DRAWINGS |
|  | MULCH DISTURBED AREAS AROUND THE BUILDING |

KEYNOTES

- | | |
|--------|--|
| 02-101 | (E) SIDEWALK, PROTECT IN PLACE |
| 02-102 | (E) TREE, PROTECT IN PLACE |
| 02-103 | (E) UNDERGROUND ELECTRIC CONDUIT, PROTECT IN PLACE, REFER TO ELECTRICAL DRAWINGS |
| 02-104 | (E) SEWER LINE, PROTECT IN PLACE, REFER TO CIVIL |
| 02-107 | (E) GAS LINE, REFER TO PLUMBING |
| 02-108 | (E) FIRE HYDRANT, PROTECT IN PLACE |
| 02-109 | (E) UNIMPROVED DIRT AREA, TO REMAIN |
| 02-110 | TEMPORARY TREE PROTECTION FENCE |
| 02-111 | (E) ASPHALT PAVING |
| 21-007 | FIRE DEPARTMENT CONNECTION LINE, REFER TO FIRE PROTECTION DRAWINGS |
| 22-016 | GREASE INTERCEPTOR, REFER TO PLUMBING |
| 26-013 | CONDUIT AND FIBER FROM IDF, REFER TO ELECTRICAL DRAWINGS |
| 26-018 | (N) UNDERGROUND FEEDER, REFER TO ELECTRICAL 26 |
| 28-003 | CONDUIT WITH FIBER TO MAIN FIRE ALARM CONTROL PANEL, REFER TO FIRE ALARM DRAWINGS |
| 32-001 | CONCRETE WALK, PROVIDE FLUSH TRANSITION FROM EXISTING TO NEW WHERE OCCURS, REFER TO CIVIL AND 3/AS-2.1 |
| 32-002 | CONCRETE STEP SEATING, REFER TO 19/AS-2.1 |
| 32-007 | FIRE WATER LINE, REFER TO CIVIL |
| 32-008 | ASPHALT, PROVIDE FLUSH TRANSITION FROM EXISTING TO NEW WHERE OCCURS, REFER TO 20/AS-2.1 |
| 32-010 | (E) COMMUNICATIONS VAULT, PROTECT IN PLACE |
| 32-011 | (E) ELECTRICAL SERVICE TO SITE DISTRIBUTION, REFER TO ELECTRICAL DRAWINGS |
| 32-012 | CONCRETE LANDSCAPE WALL, REFER TO 15/AS-2.1 |
| 32-013 | CONCRETE TO ASPHALT TRANSITION, REFER TO 6/AS-2.1 |
| 32-014 | (N) 4 INCH FIRE SPRINKLER LINE |
| 33-001 | SEWER, REFER TO CIVIL |

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

ENLARGED SITE
PLAN

RNT Job No. 17759 04

Date 02/04/2019

Drawn by EV

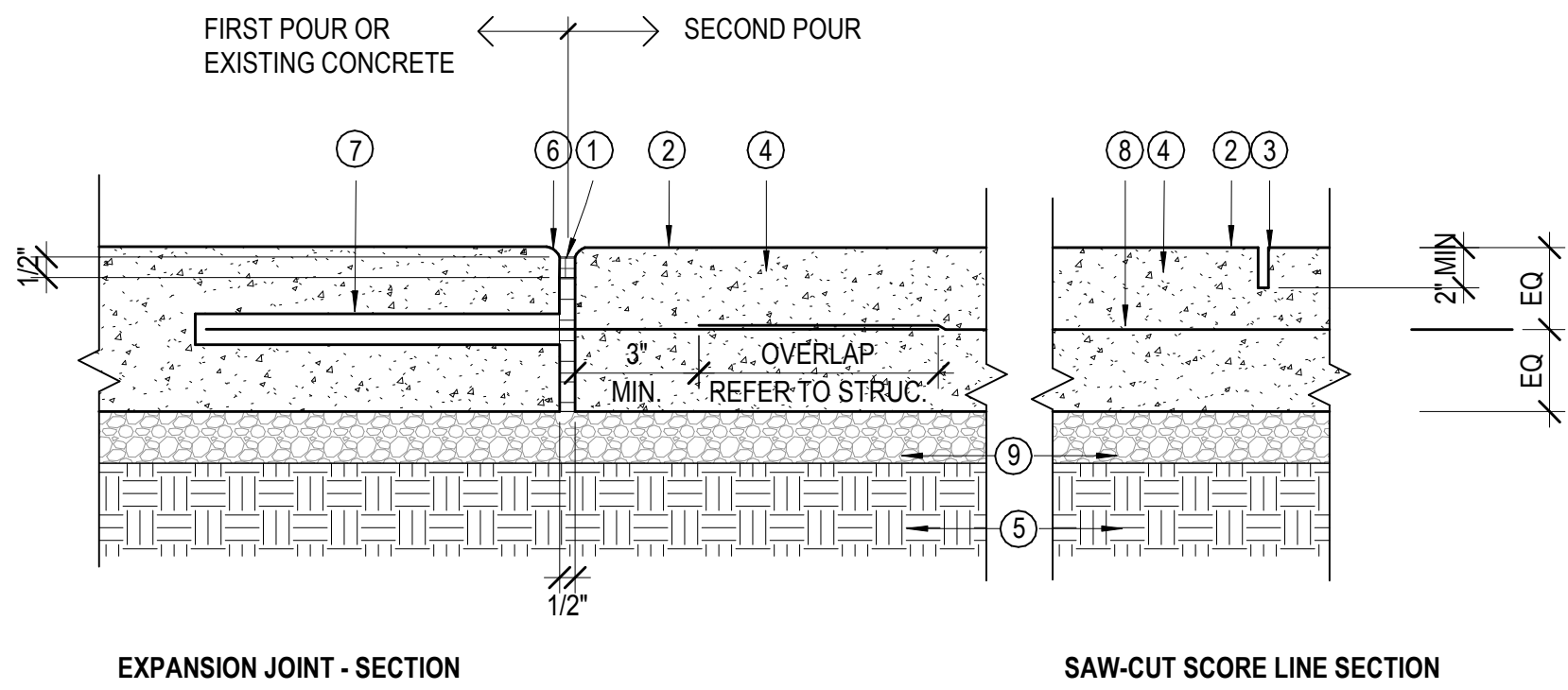
Checked by TDB

Sheet Number

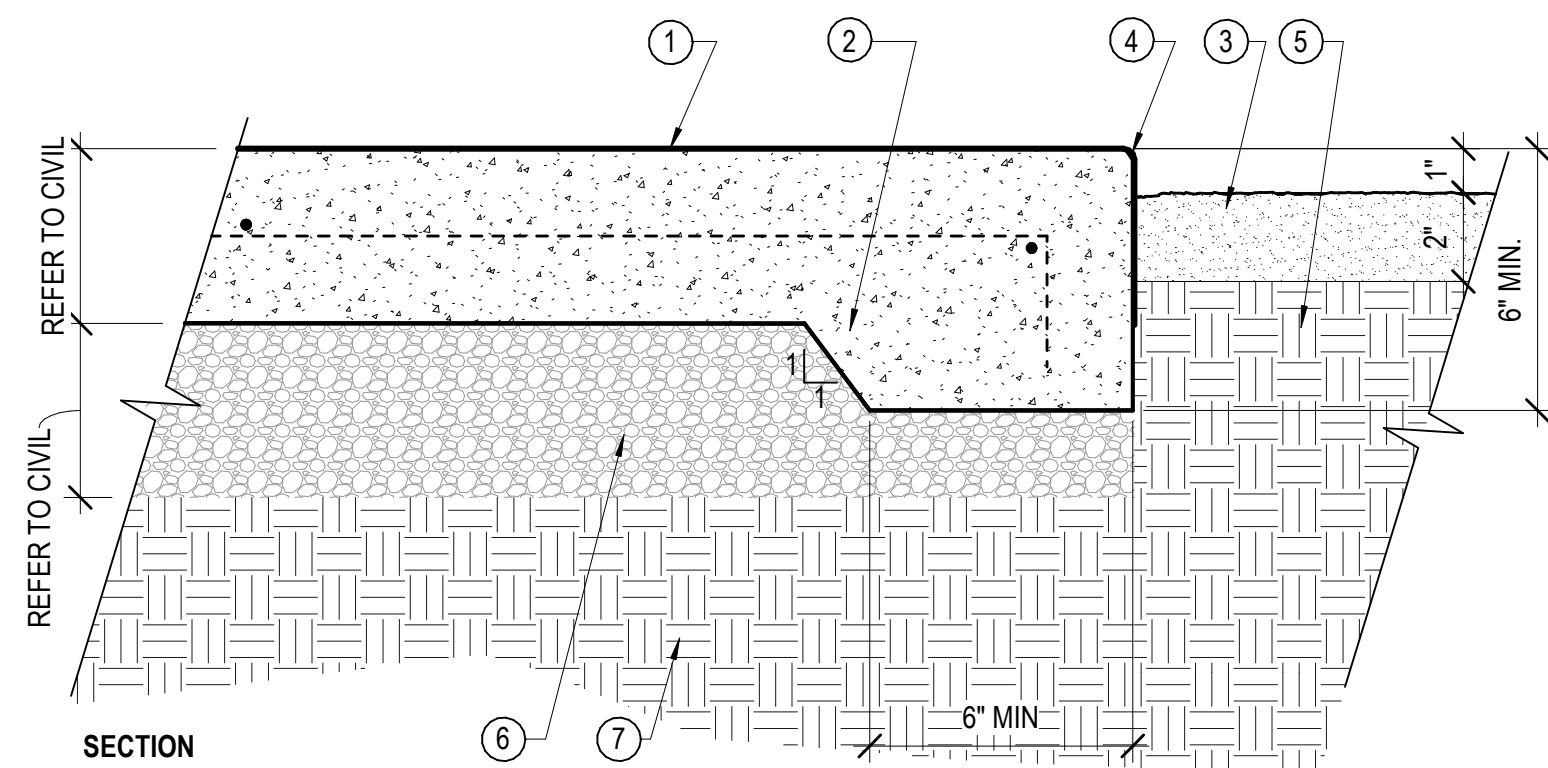
AS-1.3

6/29/2019 11:57:13 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



- 1 3/8" EXPANSION JOINT W/ SEALANT (TYP) DUSTED WITH DOUBLE - WASHED CONCRETE SAND - WHILE WET OVER JOINT FILLER CONCRETE FINISH PER SPECIFICATIONS
2 3/16" WIDE SAWCUT SCORELINE, DEPTH SHALL BE 1/4 OF SLAB DEPTH
3 CONCRETE PAVING
4
- 5 COMPACTED SUBGRADE, REFER TO CIVIL DRAWINGS
6 1/4" TOOLED EDGE RADIUS
7 SPEEDY DOWEL W/ 18" SLEEVE LOCATED MIDSLAB WRAPPED IN BLDG. PAPER ON ONE SIDE, CENTERED ON JOINT
8 REINFORCING, REFER TO CIVIL
9 COMPACTED BASE MATERIAL, REFER TO CIVIL
- NOTES:
1. PROVIDE EXPANSION JOINTS BETWEEN EXISTING AND NEW CONCRETE, WHERE INDICATED ON THE DRAWINGS, AND WHERE PAVING ABUTS WALLS, CURBS, STEPS RAMPS AND OTHER VERTICAL APPURTENANCES. OMIT DOWELS WHERE ABUTTING WALLS, BUILDINGS, & CURBS.
2. PROVIDE SAW CUT SCORELINES AT MAX 11'-0" O.C. EACH WAY.
3. ALL TOOLED EDGES OF JOINTS SHALL BE 1/4" RADIUS MAX.



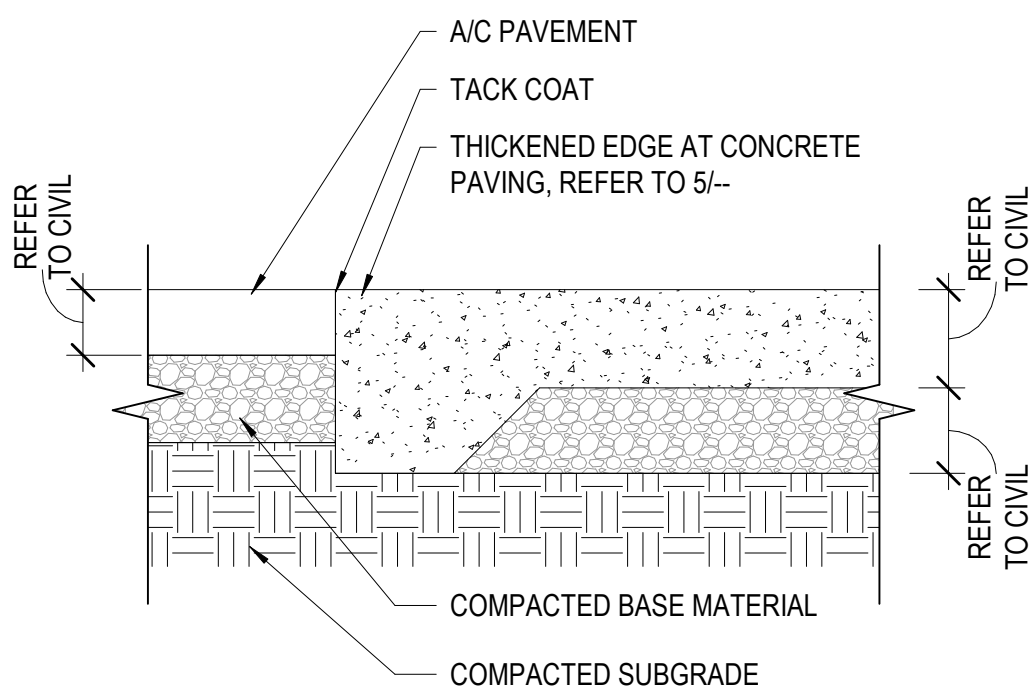
- 1 CAST IN PLACE CONCRETE PAVING, REFER TO CIVIL
2 THICKENED CONCRETE EDGE
3 MULCH
4 1/4" TOOLED EDGES, TYP.
5 COMPACTED NATIVE SOIL, REFER TO CIVIL
6 COMPACTED BASE, REFER TO CIVIL
7 COMPACTED SUBGRADE, REFER TO CIVIL
- NOTE:
1. REFER TO CIVIL FOR ADDITIONAL INFORMATION

EXPANSION AND CONCRETE SAW CUT JOINTS

3" = 1'-0" (3)

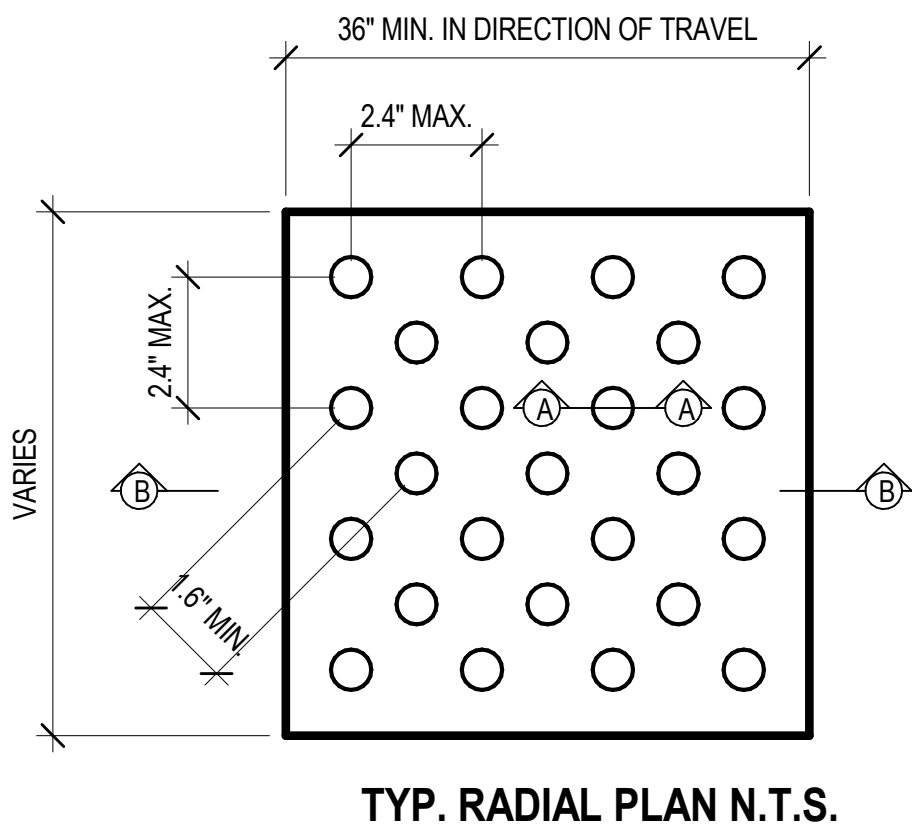
THICKENED EDGE CONCRETE PAVING

3" = 1'-0" (5)

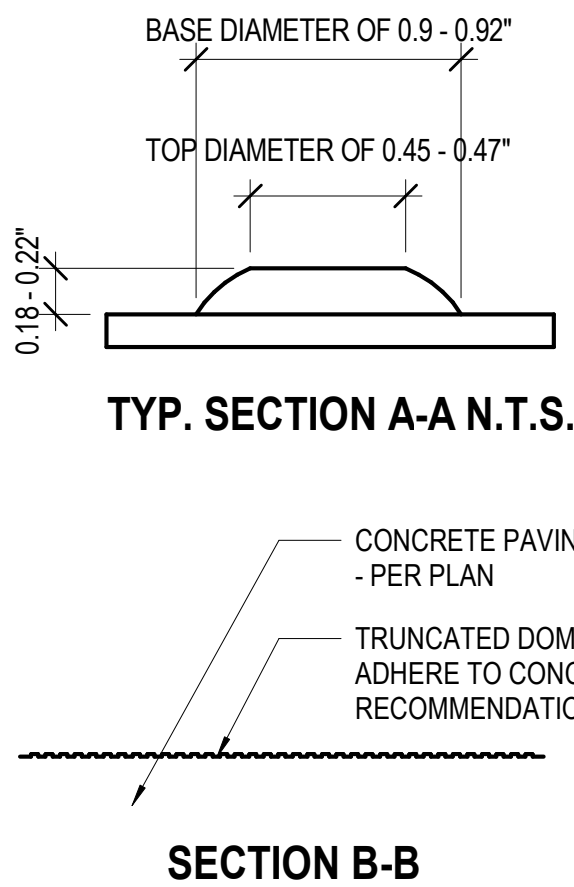


CONCRETE TO ASPHALT

1 1/2" = 1'-0" (6)



TRUNCATED DOMES - DIAGONAL



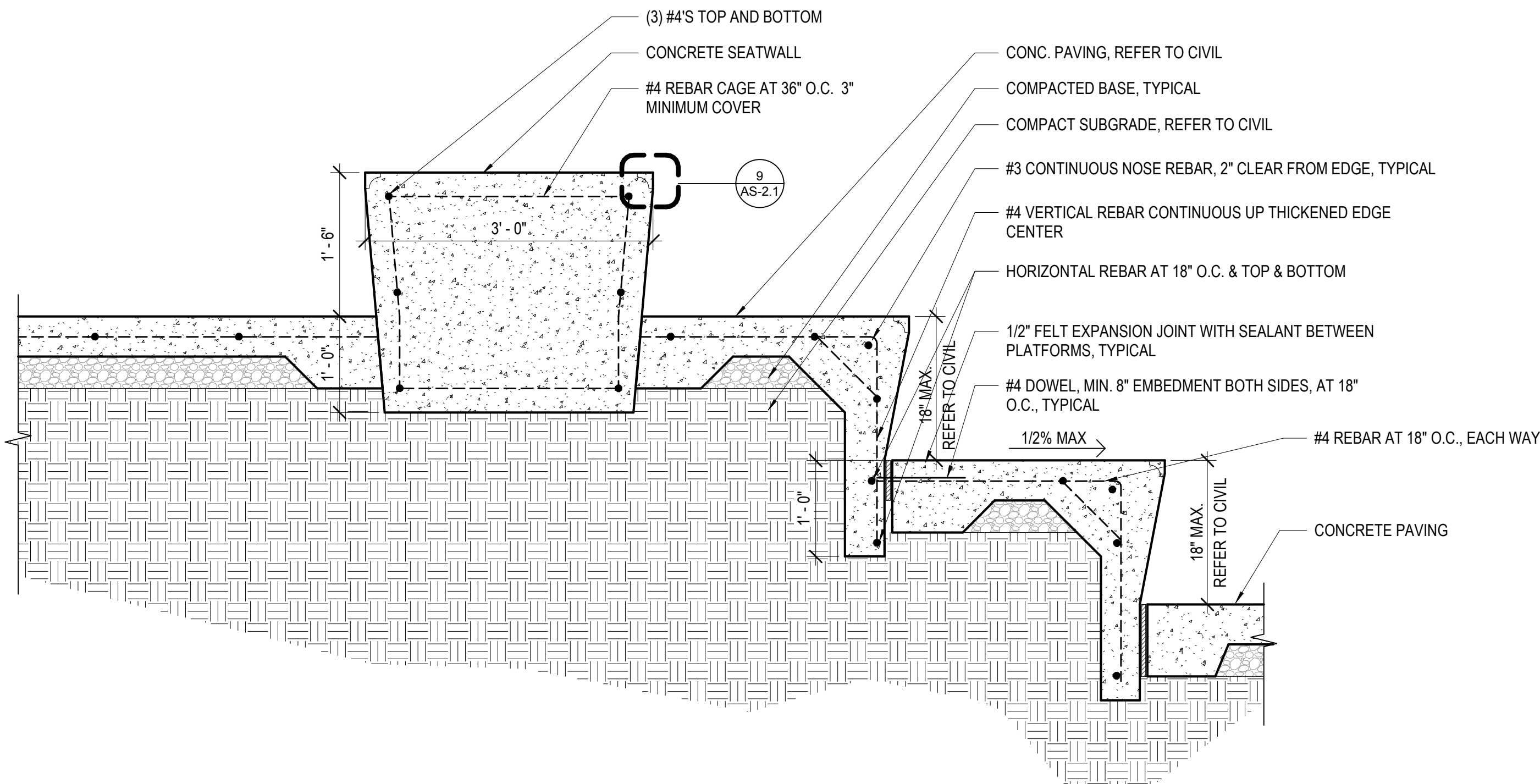
SECTION B-B

1" = 1'-0" (8)

CONCRETE CORNER WITH SKATE STOP INSERT

3" = 1'-0" (9)

NOTE: SURFACES VISIBLE TO PUBLIC VIEW SHALL HAVE GROUT-CLEANED (PATCH AND SACK) FINISH

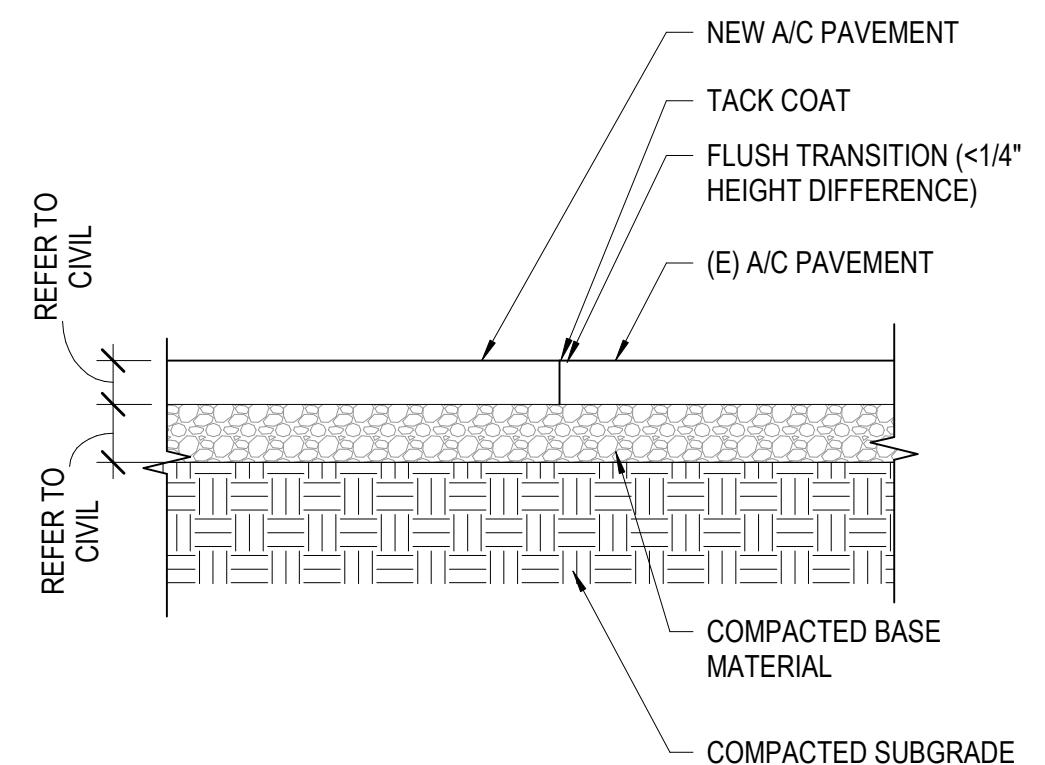


STEPPED SEATING

1" = 1'-0" (19)

LANDSCAPE WALL

1 1/2" = 1'-0" (15)



ASPHALT TO ASPHALT

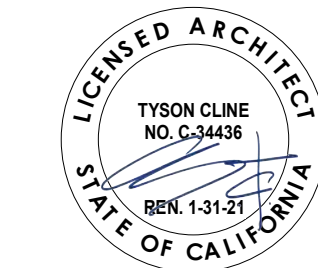
1" = 1'-0" (20)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TYPICAL SITE DETAILS

RNT Job No. 17759.04

Date 02/04/2019

Drawn by EV

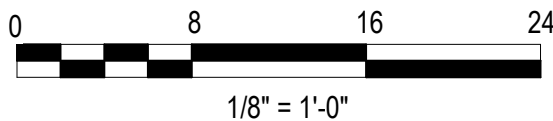
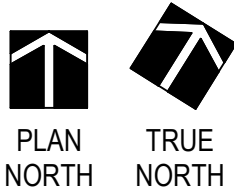
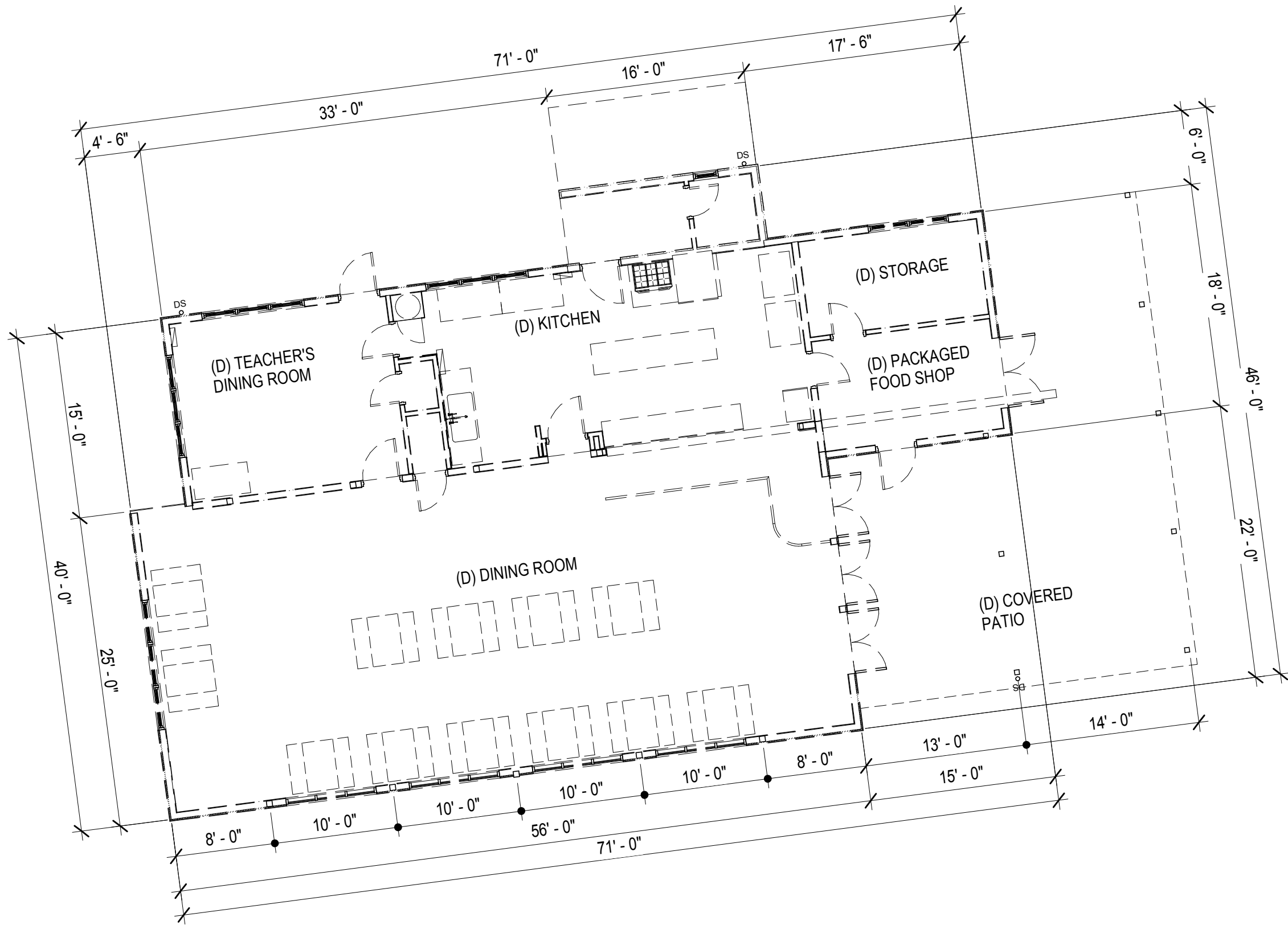
Checked by MB

Sheet Number

AS-2.1

6/29/2019 11:57:15 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

1. DIMENSIONS AND EQUIPMENT ARE FOR REFERENCE ONLY AND NO REPRESENTATION IS MADE AS TO ACCURACY.
2. REFER TO AS-1.1 FOR SITE DEMOLITION
3. DEMOLISH ENTIRE BUILDING, INCLUDING FOOTINGS AND UTILITIES BENEATH BUILDING, UNLESS NOTED OTHERWISE.
4. RECORD DRAWINGS FOR EXISTING BUILDINGS ARE AVAILABLE. NO GUARANTEE IS MADE AS TO ACCURACY OF DRAWINGS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS.
5. HAZARDOUS MATERIALS REPORT IS AVAILABLE FROM BUILDING OWNER.
6. REFER TO PLUMBING & ELECTRICAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
7. EXISTING BUILDING SUPERSTRUCTURE CONSISTS OF PRIMARILY STUD WOOD FRAMING AND JOISTS. FOUNDATION CONSISTS OF A CONCRETE SLAB ON GRADE WITH CONTINUOUS WALL FOOTING.

LEGEND

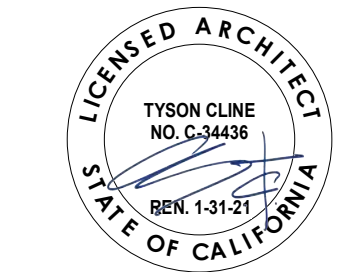
- DEMOLISH ITEM
- === DEMOLISH EXISTING WALL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

DEMOLITION
FLOOR PLAN

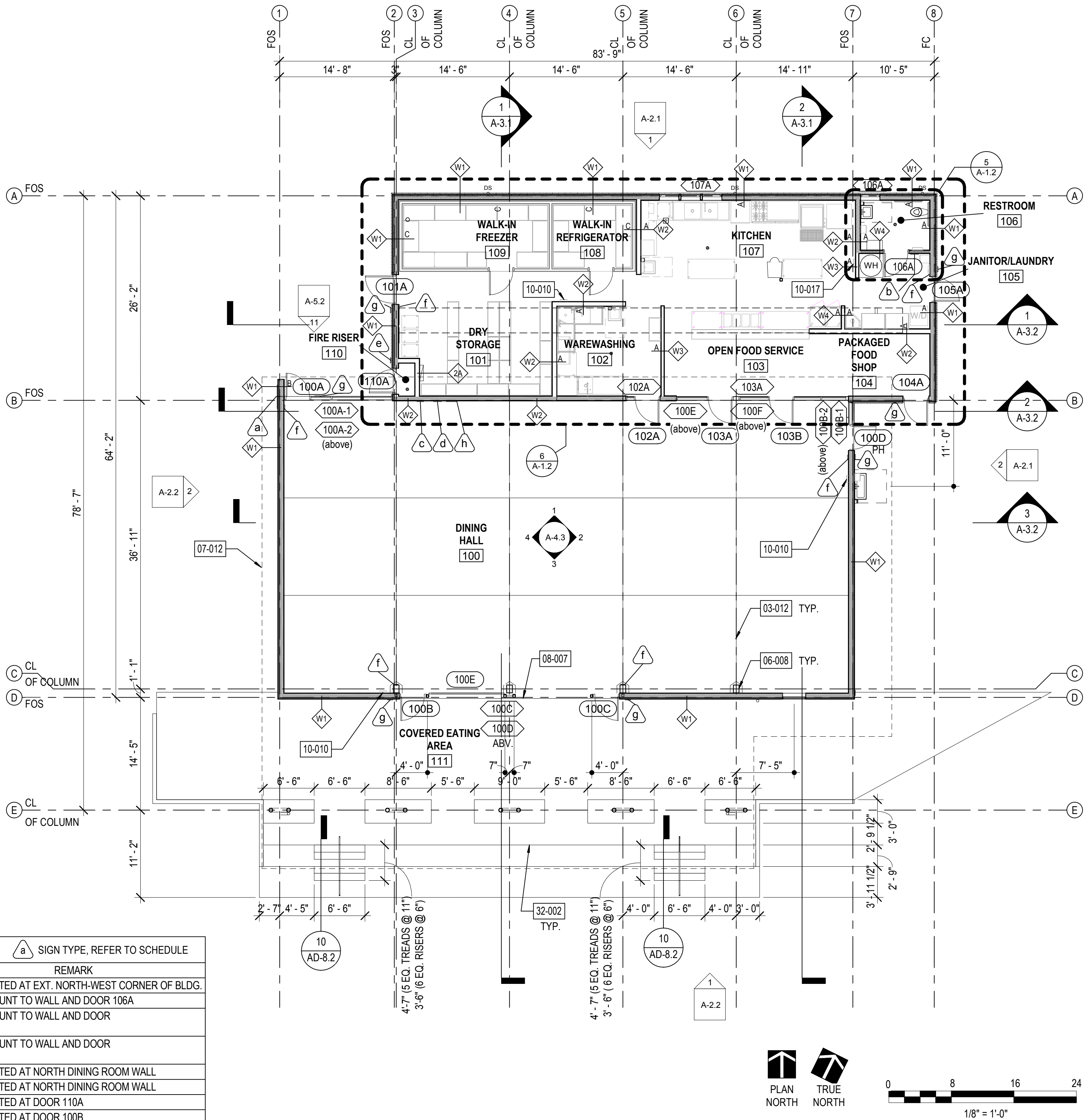
RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

A-0.1

6/29/2019 11:11:47 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

SIGNAGE SCHEDULE				△ SIGN TYPE, REFER TO SCHEDULE
ht/w	TYPE	SIGN TEXT	REMARK	
EXTERIOR	a	BUILDING NUMBER	WALL MOUNTED AT EXT. NORTH-WEST CORNER OF BLDG.	
106	b	RESTROOM	2 SIGNS, MOUNT TO WALL AND DOOR 106A	
BUILDING A - BOYS RESTROOM	b	RESTROOM	2 SIGNS, MOUNT TO WALL AND DOOR	
BUILDING A - GIRLS RESTROOM	b	RESTROOM	2 SIGNS, MOUNT TO WALL AND DOOR	
100	c	MAXIMUM OCCUPANCY 544	WALL MOUNTED AT NORTH DINING ROOM WALL	
100	d	ASSISTIVE LISTENING SYSTEM AVAILABLE	WALL MOUNTED AT NORTH DINING ROOM WALL	
110	e	FIRE RISER	WALL MOUNTED AT DOOR 110A	
100	f	EXIT	WALL MOUNTED AT DOOR 100B	
100	f	EXIT	WALL MOUNTED AT DOOR 100C	
100	f	EXIT	WALL MOUNTED AT DOOR 100D	
100	f	EXIT	WALL MOUNTED AT DOOR 100A	
101	f	EXIT	WALL MOUNTED AT DOOR 101A	
105	f	EXIT	WALL MOUNTED AT DOOR 105A	
100	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 100A	
100	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 100D	
100	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 100C	
100	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 100B	
101	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 101A	
104	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 104A	
105	g	N/A (INTERNATIONAL SYMBOL OF ACCESSIBILITY)	WALL MOUNTED AT EXT. OF DOOR 105A	
100	h	NEAREST ACCESSIBLE BOYS' AND GIRLS' RESTROOMS - CLASSROOM BUILDING A; ACCESSIBLE DRINKING FOUNTAIN - AUDITORIUM BUILDING F	WALL MOUNTED AT NORTH DINING ROOM WALL	
BUILDING F- EXTERIOR	i	ADMINISTRATION	WALL MOUNTED AT (E) TO THE NORHT OF ADMINISTRATION BUILDING F	



SHEET GENERAL NOTES

- REFER TO A-1.3 & CIVIL FOR TOP OF SLAB ELEVATIONS
- REFER TO SITE DRAWING FOR ADDITIONAL INFORMATION RELATED TO THE SERVICE YARD.
- REFER TO A-5.3 FOR MATERIALS LEGEND
- REFER TO AD-1.0 FOR WALL ASSEMBLIES.
- REFER TO T-2.0 AND AS-1.0 FOR ADDITIONAL CODE RELATED INFORMATION INCLUDING OCCUPANCY LOADS, CODE REQUIRED EXITS, AND PATH OF EGRESS.
- ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.
- REFER TO SHEET A-1.4 FOR EQUIPMENT PLAN AND SCHEDULE.
- PROVIDE STAINLESS STEEL CORNER GUARDS AT OUTSIDE CORNERS WITH GYP. BD. FINISH.

LEGEND

- METAL STUD WALL PER WALL TYPES
- LINE OF SOFFIT OR STRUCTURE ABOVE
- DOOR PER DOOR SCHEDULE, REFER TO A-5.1
- PANIC HARDWARE, REFER TO A-5.1
- WINDOW, REFER TO A-5.2
- WALL FINISH, REFER TO AD-1.0 FOR WALL TYPES
- WALL TYPE, REFER TO AD-1.0 FOR WALL TYPES
- INDICATES BUILDING SIGNAGE - REFER TO AD-6.1
- PROVIDE BATT INSULATION IN SAME WIDTH AS STUD. AT INTERIOR WALLS, SEAL TO DECKING ABOVE PER 8/AD-1.1
- DOWNSPOUT, REFER TO DETAIL, 1/AD-5.1 & 5/AD-5.1
- PROVIDE SPLASH BLOCKS AT GRADE

KEYNOTES

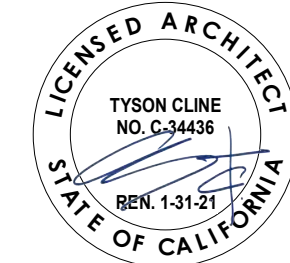
- 03-012 SAWCUT CONTROL JOINT, REFER TO STRUCTURAL
- 06-008 STRUCTURAL GLULAM COLUMN, EXPOSED, REFER TO S-1.1
- 08-007 GLAZED SECTIONAL DOORS, REFER TO DOOR SCHEDULE
- 10-010 FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET, UL RATED 2-A:10-B:C U.N.O., REFER TO DETAIL 10/AD-1.1
- 10-017 FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET, CLASS K, REFER TO DETAIL 10/AD-1.1
- 32-002 CONCRETE STEP SEATING, REFER TO 19/AS-2.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILAJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

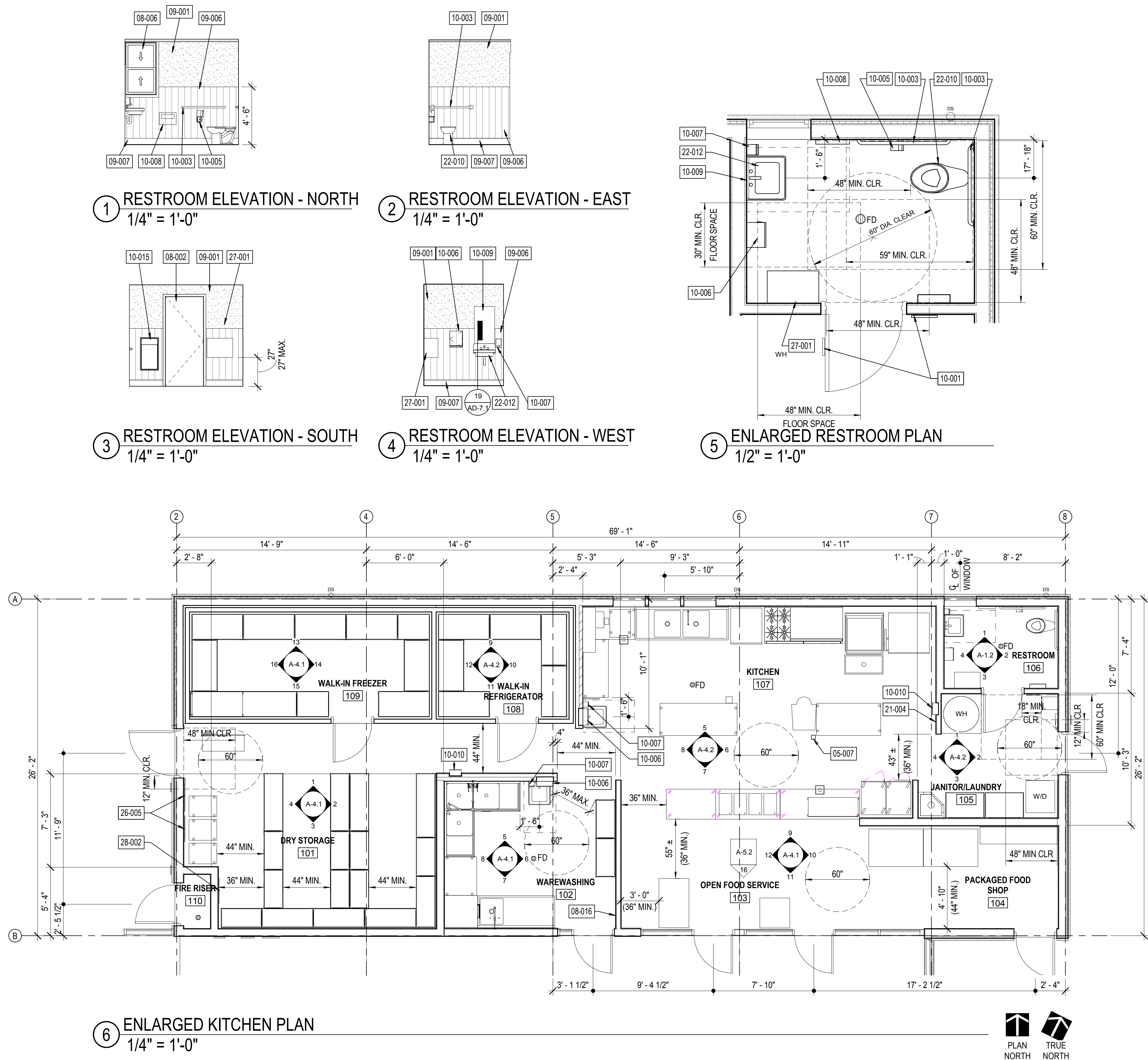
Sheet Name
FLOOR PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG, JR
Checked by	TB
Sheet Number	

A-1.1

6/29/2019 11:11:54 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

1. REFER TO SHEET A-1.1 FOR GENERAL NOTES AND LEGEND.
2. REFER TO SHEET AD-6.1 FOR TYPICAL SIGNAGE DETAILS.
3. REFER TO SHEET AD-7.1 FOR TYPICAL ACCESSIBILITY DETAILS.
4. REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
5. ALL ITEMS ARE NEW U.N.O.
6. COORDINATE BACKING FOR CABINETRY, FIXTURES, AND OTHER WALL MOUNTED ITEMS.

LEGEND

- WALL, REFER TO WALL TYPES
- FD FLOOR DRAIN, REFER TO PLUMBING DRAWINGS, 1/2" MAX OPENING AT STRAINER, 2% MAX SLOPE TO DRAIN
- FLOOR SINK, REFER TO A-1.3 AND PLUMBING DRAWINGS

KEYNOTES

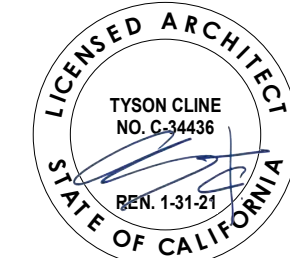
- 05-007 NON-STRUCTURAL 3X3X1/8 H.S.S. COLUMN, REFER TO 6/AD-1.1
- 08-002 DOOR, REFER TO A-5.1
- 08-006 WINDOW, REFER TO WINDOW SCHEDULE
- 08-016 CONTROLS FOR SECTIONAL DOOR
- 09-001 GYPSUM BOARD, PAINT, REFER TO FINISH SCHEDULE
- 09-006 FIBERGLASS REINFORCED PLASTIC(FRP) PANEL
- 09-007 INTEGRAL FLOORING COVE BASE
- 10-001 SIGNAGE, REFER TO SIGNAGE SCHEDULE ON A-1.1
- 10-003 GRAB BAR, WALL MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-005 TOILET PAPER DISPENSER, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-006 PAPER TOWEL DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-007 SOAP DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-008 TOILET SEAT COVER DISPENSER, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-009 MIRROR, WALL MOUNT, ACCESSIBLE, REFER TO 5/AD-7.1
- 10-010 FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET, UL RATED 2-A-10-B-C U.N.O., REFER TO DETAIL 10/AD-1.1
- 10-015 WALL MOUNTED RECESSED WASTE RECEPTACLE, TOP OF RECEPTACLE MAX. 40" A.F.F., MAX. PROJECTION 4" FROM WALL
- 21-004 PULL STATION FOR HOOD FIRE SUPPRESSION SYSTEM, MAX 48 INCHES A.F.F.
- 22-010 TOILET, ACCESSIBLE, REFER TO 5/AD-7.1 AND PLUMBING DRAWINGS
- 22-012 SINK, ACCESSIBLE, REFER TO 5/AD-7.1
- 26-005 ELECTRICAL PANEL, REFER TO ELECTRICAL
- 27-001 SERVER CABINET, REFER TO ELECTRICAL PLANS, MOUNT WITH LOWEST EDGE LOWER THAN 27" ABOVE FINISH FLOOR OR HIGHER THAN 80" ABOVE FINISH FLOOR
- 28-002 FIRE ALARM PANEL, REFER TO FIRE ALARM DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILAJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

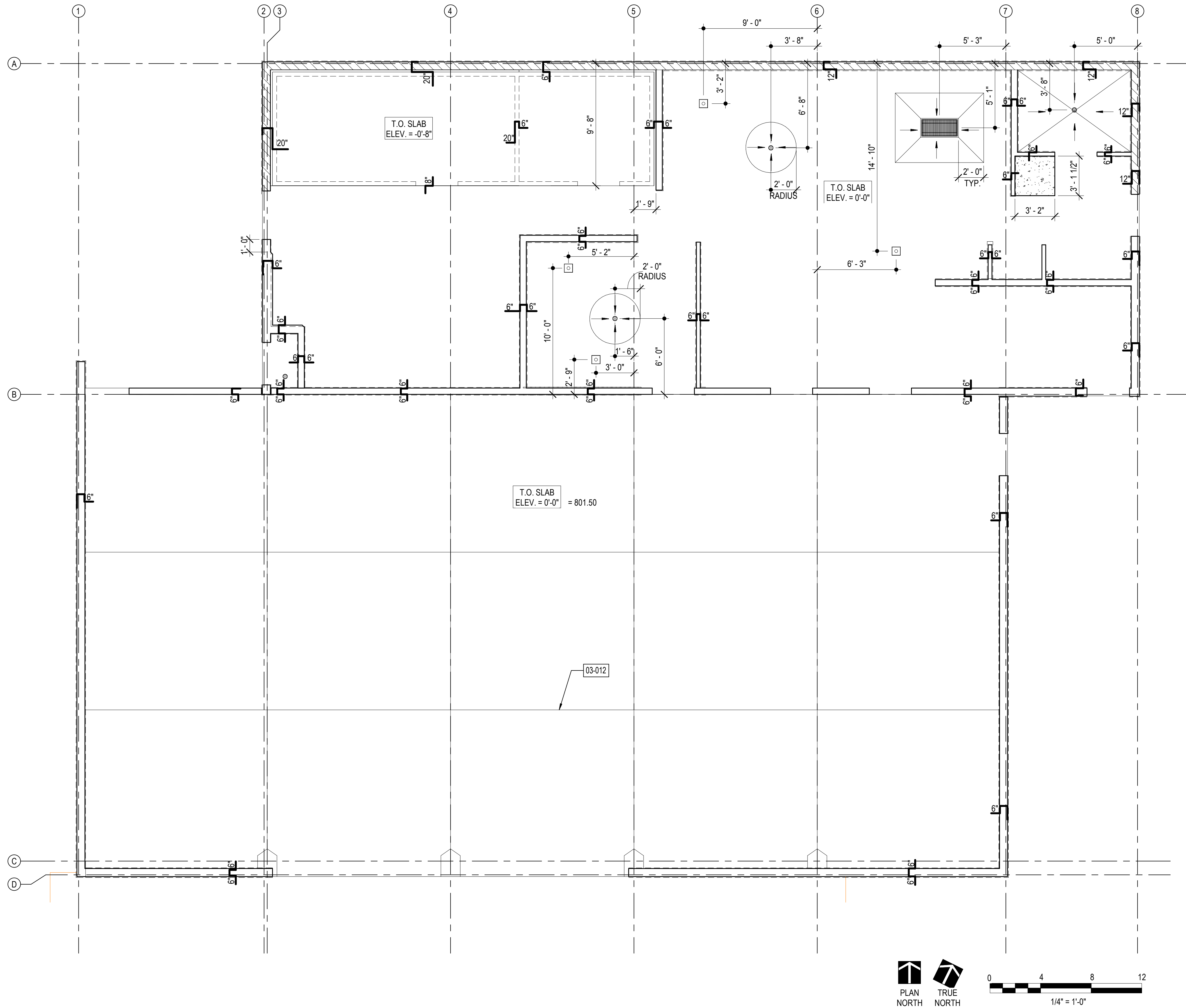
ENLARGED
RESTROOM /
KITCHEN PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

A-1.2

6/29/2019 11:11:58 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

- COORDINATE CURB WIDTHS WITH WALL WIDTHS, REFER TO AD-1.0 AND AD-1.1.
- COORDINATE ALL PENETRATIONS/SLEEVES/EMBEDS CONDUCTS AND BLOCKOUTS WITH OTHER TRADE INCLUDING BUT NOT LIMITED TO PLUMBING, ELECTRICAL, MECHANICAL, AND FIRE.
- PROVIDE CONTROL JOINTS PER STRUCTURAL DRAWINGS WHERE NOT INDICATED.
- COORDINATE DIMENSIONS OF DEPRESSED SLAB AT WALK-IN FREEZER WITH FREEZER MANUFACTURER.

LEGEND

- STRUCTURAL SLAB, REFER TO S-1.1 AND 11/S-0.3
- CONCRETE CURB, HEIGHT 6" A.F.F.
- CONCRETE CURB, HEIGHT 12" A.F.F.
- FLOOR DRAIN, SEE PLUMBING FOR SIZE, GRATE AND OTHER INFORMATION
- FLOOR SINK, SEE PLUMBING FOR SIZE, GRATE AND OTHER INFORMATION
- HOUSEKEEPING PAD, 6" A.F.F. U.N.O, REFER TO 9/S-0.2
- FRAMED WALL PER FLOOR PLAN
- SLAB STEP, VALUE SHOWS ELEVATION DIFFERENCE
- FLOOR TROUGH, PROVIDE BLOCK-OUT TO ACCOMMODATE FLANGE, REFER TO DETAIL 14/AD-1.2.
- MINIMUM 1/8" PER FOOT FLOOR SLOPE, TO DRAIN. MAXIMUM 2% SLOPE.

KEYNOTES

- 03-012 SAWCUT CONTROL JOINT, REFER TO STRUCTURAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

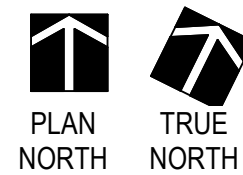
Revisions		
No.	Description	Date

Sheet Name
SLAB PLAN

RNT Job No. 17759.04
Date 02/04/2019
Drawn by JR
Checked by TB
Sheet Number

A-1.3

6/29/2019 11:12:01 AM



1. ALL HARDWARE AND GAS KITCHEN EQUIPMENT SHALL BE INSTALLED WITH SEISMIC RESTRAINTS PER GUIDELINES FOR SEISMIC RESTRAINTS OF KITCHEN EQUIPMENT AS PUBLISHED BY SMACNA.
2. WHERE ANCHORAGES ARE NOT SHOWN ON DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.
3. PROVIDE TYPICAL BACKING AT WALL MOUNTED ITEMS AND ITEMS SECURED TO WALL. REFER TO 15AD-1.1.
4. LEGS OF FIXED TABLES AND SINKS TO BE PROVIDED WITH FLANGE FEET AND FASTENED TO FLOOR. REFER TO 3AD-1.2.
5. SHELVES INSTALLED ON A WALL SHALL HAVE AT LEAST A ONE-INCH OPEN SPACE BETWEEN THE BACK EDGE OF THE WALL AND THE SHELF; OR THE BACK EDGE OF THE SHELF SHALL BE SEALED TO THE WALL WITH SILICONE SEALANT.
6. SHELVES MOUNTED ON THE FLOOR SHALL BE INSTALLED ON ROUND, SIX-INCH TALL, METAL EQUIPMENT LEGS WITH A CLEAR UNOBSTRUCTED AREA BELOW, OR ON A PERMANENT, MINIMUM FOUR-INCH HIGH SELF-COVERED BASE.
7. THERE SHALL BE MINIMUM 6" CLEAR BETWEEN THE LOWEST SHELF AND THE FLOOR.
8. ALL EQUIPMENT SHALL BE CERTIFIED OR CLASSIFIED FOR SANITATION BY AN ANSI-ACCREDITED CERTIFICATION PROGRAM SUCH AS NSF INTERNATIONAL, ETL, UL, CSA, OR IAPMO.
9. ALL SHOW AND DISPLAY CASES, COUNTERS, SHELVES, TABLES, REFRIGERATION EQUIPMENT, SINKS, AND OTHER EQUIPMENT USED IN CONNECTION WITH THE STORAGE, PREPARATION, SERVICE, AND DISPLAY OF FOOD, SHALL BE MADE OF NON-TOXIC, NON-CORROSIVE MATERIALS AND CONSTRUCTED AND INSTALLED TO BE EASILY CLEANED.
10. ALL EQUIPMENT SHALL BE INSTALLED ON SIX-INCH HIGH, ROUND, METAL LEGS OR APPROVED CASTERS; ATTACHED TO THE WALL WITH A MINIMUM SIX-INCH SPACE UNDERNEATH; OR SEALED TO THE FLOOR.
11. ALL FLOOR SINKS SHALL BE INSTALLED FLUSH WITH THE FINISH FLOOR SURFACE, WITH APPROPRIATE GRATES.
12. CONDENSATE SHALL BE DRAINED TO FLOOR SINK VIA A LEGAL AIRGap. RUNS OF DRAIN LINES SHALL DESCEND AT MIN. 1/4" PER FOOT, SHALL BE AT LEAST 3/4" FROM THE WALL AND 6" OFF THE FLOOR, AND SHALL TERMINATE MIN. 1" ABOVE THE RIM OF THE FLOOR SINK.
13. PROVIDE SPLASHGUARD WHERE HANDWASH SINK IS LESS THAN 24 INCHES FROM ADJACENT EQUIPMENT.
14. REFRIGERATOR COOLING COILS, RELATED ELECTRICAL, DRAINAGE, AND REFRIGERANT LINES SHALL BE INSTALLED IN A SAFE, EASILY CLEANABLE MANNER. DRAINAGE AND REFRIGERANT LINES SHALL BE OF NON-TOXIC MATERIALS OR PROPERLY INSULATED OR COVERED WITH AN APPROVED, EASILY CLEANABLE AND NON-TOXIC MATERIAL.
15. PLUG CONNECTIONS ARE NEMA 5-15P U.O.
16. EQUIPMENT NOTED TO BE MOUNTED ON SEISMIC FEET, REFER TO STRUCTURAL FOR ATTACHMENT.

MARK	QUANTITY	DESCRIPTION	MANUFACTURER / MODEL / NOTES	ELECTRICAL	WATER	WASTE	GAS	BASE/MOUNTING
32	1	WORK TABLE, STAINLESS STEEL WITH POT RACK	JOHN BOOS / ST6-3072SSK	-	-	-	-	6" LEGS
33	1	CAN OPENER, MANUAL	EDLUND / S-11	-	-	-	-	MOUNT TO WORK TABLE
34	1	WORK TABLE, STAINLESS STEEL WITH OVERSHELF	JOHN BOOS / ST6-3060SSK	-	-	-	-	6" LEGS
35	1	PLANETARY MIXER	HOBART / HL400-4STD	100-120 V 9.3A	-	-	-	6" LEGS
36	1	FOOD PROCESSOR	ROBOT COUPE / R2 DICE CLR	120V 7A PLUG	-	-	-	ON WORK TABLE
37	1	FLOOR TROUGH	JOHN BOOS / FTFG	-	-	3"	-	FLOOR, REF. 14/AD-1.2
40	1	BUILT-IN COMBO WALK-IN FREEZER / COOLER	DURACOLD, EMBOSSED GALV. STL. REFER TO A-1.41, WITH COPELAND REFRIGERATOR 2HP SCROLL COMPRESSOR ZS15KA-E-TF5 AND EVAPORATOR LCA6 / FREEZER 6HP SCROLL COMPRESSOR ZF18KA-E-TF5 AND EVAPORATOR LCE6	230V, 9.5A AND 19.6A COMPRESSORS / 115V, 2.9A AND 2.0A EVAPORATORS	-	INDIRECT	-	FLOOR MOUNTED
41	17	PLASTIC SHELVING UNIT	CAMBRO / CBU244872V4580 (4 TIER, QTY. 5) / CBA243072V4580 (4 TIER, QTY. 2) / CBA244872V4580 (4 TIER, QTY. 7)	-	-	-	-	6" LEGS
50	19	WIRE DRY STORAGE SHELVING	FOCUS FOODSERVICE / CMSV1860 (4 TIER, QTY. 1) / CMSV1836 (4 TIER, QTY. 10) / CMSV1848 (4 TIER, QTY. 4) / CMSV1854 (4 TIER, QTY. 4)	-	-	-	-	6" LEGS
51	6	CABINET, ENCLOSED	CAMBRO / UPC300110 / WITH CAMDOLLY CD300110 QTY. 3 AND CAMCHILLER CP1220159 QTY. 6	-	-	-	-	CASTERS
60	2	WIRE SHELVING (MOBILE DISH RACK)	THUNDER GROUP / CMSV1836 (4 TIER, QTY. 2)	-	-	-	-	6" LEGS
61	1	SOILED DISHTABLE	JOHN BOOS / SDT6-S72SBK-L	-	-	-	-	6" LEGS
62	1	PRE-RINSE FAUCET ASSEMBLY FOR SOILED DISHTABLE AND 3-COMP SINK	T&S BRASS & BRONZE WORKS / 5PR-8W00	-	1/2" HOT/COLD	-	-	SPLASH MOUNTED
63	1	SOILED DISHTABLE STRAINER UNIT	COMMERCIAL STRAINERS CO. / GDR-A18	-	-	2" INDIRECT	-	MOUNTED TO SINK
64	1	DISHWASHER	HOBART / AM15VLT+BUILDUP	208-240V 43.0A	1/2" HOT/COLD	1-1/2" INDIRECT	-	6" SEISMIC FEET
65	1	CLEAN DISHTABLE	JOHN BOOS / CDT6-S36SBK-R WITH UNDERSHELF CDT6-LS24SSK	-	-	-	-	6" LEGS
66	1	DISHTABLE SORTING SHELF	JOHN BOOS / PB-SRW-42	-	-	-	-	WALL MOUNTED
67	1	3 COMPARTMENT SINK WITH SPLASH MOUNT FAUCET	JOHN BOOS / 3PB244-2D24 (SINK) WITH PBF-14-SLF (FAUCET). CUSTOM SPLASH GUARD PANEL AT RIGHT SIDE.	-	1/2" HOT/COLD	1-1/2" INDIRECT	-	6" LEGS
68	1	PRE-RINSE FAUCET FOR 3-COMP SINK	T&S BRASS & BRONZE WORKS / B-0133-ADF10-B	-	1/2" HOT/COLD	-	-	SPLASH MOUNTED
70	1	LOCKER	WINHOLT / WL-66/15 (6-TIER)	-	-	-	-	FLOOR MOUNTED
71	2	WIRE SHELVING (LINEN AND JANITORIAL RACKS)	THUNDER GROUP / CMSV2436 (4 TIER, QTY. 2)	-	-	-	-	6" LEGS
72	1	COMMERCIAL STACKED WASHER AND DRYER	SPEED QUEEN LTGESASP115TW01	120V PLUG	3/4" HOT/COLD	2" STANDPIPE	1/2"	FLOOR MOUNTED
80	1	MOP RACK	PB-MSS824-X / 24" RACK WITH (3) HOOKS AND (2) LOCKING CAM HOLDERS	-	-	-	-	WALL MOUNTED

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

		REFRIGERATION NOTES:	ELECTRICAL NOTES:	PLUMBING NOTES:
		<div><div></div><div><div><div>1.</div><div>REFRIGERATION CONTRACTOR SHALL INSULATE ALL REFRIGERATION LINES WHERE REQUIRED BY CODE.</div></div><div><div>2.</div><div>REFRIGERATION CONTRACTOR SHALL VERIFY LOCATION OF ALL REMOTE REFRIGERATION SYSTEM COMPONENTS, INCLUDING EVAPORATION COILS, REFRIGERATION RACK, COMPRESSORS, CONDENSERS, ETC.</div></div><div><div>3.</div><div>REFRIGERATION CONTRACTOR SHALL VERIFY LOCATION OF PITCH POCKET FOR REFRIGERATION LINE PENETRATION THRU ROOF WITH GENERAL CONTRACTOR. GENERAL CONTRACTOR TO INSTALL PITCH POCKETS.</div></div><div><div>4.</div><div>GENERAL CONTRACTOR TO BACKFILL PITCH POCKET TO TOP WITH TAR OR PITCH AFTER REFRIGERATION LINES HAVE BEEN RUN.</div></div><div><div>5.</div><div>IF PULLBOX IS SPECIFIED, A MINIMUM 12" X 12" MUST BE USED.</div></div><div><div>6.</div><div>ALL PENETRATIONS THRU ROOF TO BE PROVIDED BY GENERAL CONTRACTOR.</div></div><div><div>7.</div><div>REFRIGERATION CONTRACTOR TO SEAL ENDS OF CONDUIT WITH "FOMOFIL" AFTER ALL REFRIGERATION LINES HAVE BEEN RUN.</div></div><div><div>8.</div><div>A 3'-0" CLEARANCE IS REQUIRED AROUND THE PERIMETER OF ROOF MOUNTED REFRIGERATION EQUIPMENT FOR SYSTEM MAINTENANCE.</div></div><div><div>9.</div><div>REFRIGERATION RACK SYSTEM MANUFACTURER TO PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS (FUSED DISCONNECT, TIME CLOCKS, MAGNETIC STARTERS, DRAIN LINE HEATERS, ETC.) AND FACTORY WIRED (CONDUIT AND CABLE) FOR ALL CONTROLS WITHIN THE REFRIGERATION SYSTEM (PER DIVISION 16) TO A SINGLE POINT OF SERVICE FOR POWER CONNECTIONS. REFRIGERATION RACK SHALL BE UL LISTED. ELECTRICAL CONTRACTOR TO PROVIDE ALL CONDUIT AND WIRING BETWEEN REFRIGERATION RACK AND REMOTELY LOCATED SYSTEM COMPONENTS.</div></div><div><div>10.</div><div>PROVIDE A UTILITY OUTLET (120 VOLT, 800 WATTS) FOR SERVICE AND MAINTENANCE OF THE ROOF MOUNTED REFRIGERATION RACK/EQUIPMENT.</div></div><div><div>11.</div><div>ALL SYSTEMS AND COMPONENTS SHALL BE LABELED. PROVIDE A COPY OF THE REFRIGERATION PLAN IN AN EASILY ACCESSIBLE WEATHER PROTECTED AREA.</div></div></div></div>	<div><div></div><div><div><div>1.</div><div>ELECTRICAL CONTRACTOR TO VERIFY ALL INCOMING SERVICE AND PROVIDE FINAL HOOK-UP TO ALL APPLICABLE EQUIPMENT. ELECTRICAL CONTRACTOR TO PROVIDE ALL SWITCHES, BREAKERS, CONDUIT, ETC., UNLESS SPECIALLY STATED OTHERWISE.</div></div><div><div>2.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE ALL JUNCTION BOXES, OUTLETS AND RECEPTACLES IN FIXTURES, FIXTURES FABRICATOR TO LOCATE ALL RECEPTACLES AND SWITCHES WHEN PART OF FIXTURE. INTERNAL WIRING TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR.</div></div><div><div>3.</div><div>ALL ELECTRICAL OUTLETS AND CONNECTIONS SHOWN ON THE PLAN ARE FOR EQUIPMENT SHOWN ON FOOD SERVICE EQUIPMENT PLAN (SEE ARCHITECTURAL PLANS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.)</div></div><div><div>4.</div><div>ALL HORIZONTAL DIMENSIONS SHOWN ARE FROM FINISHED FACE OF WALL TO CENTERLINE OF OUTLET UNLESS OTHERWISE NOTED ON PLANS OR DETAILS. ELECTRICAL CONTRACTOR TO VERIFY ALL DIMENSIONS AT JOB SITES. ALL SYMBOLS NOTED +12", +24", ETC., TO STUB OUT OF WALL AT HEIGHT INDICATED.</div></div><div><div>5.</div><div>HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF OUTLET. ALL SYMBOLS NOTED "STUB UP" ARE TO STUB UP ABOVE FINISHED FLOOR AT HEIGHT AND LOCATION INDICATED.</div></div><div><div>6.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE 6'-0" PIGTAIL FLEX CONDUIT AT ALL DIRECT CONNECT STUB OUTS, EXTEND AND CONNECT TO FIXTURES.</div></div><div><div>7.</div><div>ELECTRICAL CONTRACTOR TO WIRE MAGNETIC CONTRACTORS FOR POWER SHUT-OFF FOR ALL ELECTRICAL COOKING EQUIPMENT THAT IS PROTECTED BY THE FIRE SUPPRESSION SYSTEM. CONNECT 115V CONTROL CIRCUIT FROM MICRO-SWITCH SYSTEM ON CYLINDER. MOUNT TO CONTRACTOR COIL.</div></div><div><div>8.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE A MINIMUM OF 3 WIRES ON ALL 208 OR 230 VOLT CIRCUITS.</div></div><div><div>9.</div><div>ELECTRICAL CONTRACTOR TO RUN IN CONDUIT - A 5 WIRE CIRCUIT FROM REFRIGERATION RACK TO EVAPORATOR COIL FOR AUTOMATIC DEFROST HOOK-UP ON REMOTE FREEZER CABINETS.</div></div><div><div>10.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL SERVICE ON ROOF FOR EXHAUST AND MAKE-UP AIR SYSTEMS PER MECHANICAL ENGINEER DRAWINGS. (VERIFY LOCATIONS).</div></div><div><div>11.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL STAINLESS STEEL COVER PLATES FOR ALL RECEPTACLES AND SWITCHES IN FOOD PREPARATION AREAS UNLESS OTHERWISE NOTED. ALL RECEPTACLES TO BE SET HORIZONTALLY.</div></div><div><div>12.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL GENERAL LIGHTING FIXTURES COMPLETE WITH LAMPS. DECORATIVE LIGHT FIXTURES THAT ARE SUPPLIED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR ARE TO BE INSTALLED BY THE ELECTRICAL CONTRACTOR WITH LAMPS BY OWNER, UNLESS OTHERWISE NOTED.</div></div><div><div>13.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL EXIT LIGHTS UNLESS OTHERWISE NOTED. REFER TO ARCHITECTURAL AND ELECTRICAL ENGINEERS DRAWINGS.</div></div><div><div>14.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE CAPS AND CORDS FOR ALL ITEMS WHICH USE CONVENIENCE OUTLETS WHEN NOT SUPPLIED BY THE MANUFACTURER AND SHORTEN ANY CORDS IF NECESSARY OR REQUESTED.</div></div><div><div>15.</div><div>ELECTRICAL CONTRACTOR TO INSTALL FLY FAN(S) AND/OR AIR CURTAINS PROVIDED BY THE FOOD SERVICE EQUIPMENT CONTRACTOR, UNLESS OTHERWISE NOTED.</div></div><div><div>16.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL MECHANICAL VENTILATION WITH LIGHT AND SWITCH IN RESTROOMS AND CHANGE ROOMS (MINIMUM AIR CHANGE = 12 PER HOUR).</div></div><div><div>17.</div><div>FIXTURE FABRICATOR SHALL CUT ACCESS HOLES TO CONVENIENCE OUTLETS IN BACK SPLASHES, ETC., ELECTRICAL CONTRACTOR TO PROVIDE EXTENSION SHIELDS IF REQUIRED.</div></div><div><div>18.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL ALL WIRING FOR WALK-IN COOLERS AND FREEZERS ON THE EXTERIOR FRONT TOP OF THE BOX WHERE POSSIBLE. SUBMIT SHOP DRAWINGS FOR REVIEW BY ARCHITECT TO VERIFY THAT LOCATION WORKS.</div></div><div><div>19.</div><div>ELECTRICAL CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB SITE.</div></div><div><div>20.</div><div>ELECTRICAL CONTRACTOR TO VERIFY ANY ADDITIONAL ELECTRICAL SERVICES REQUIRED ELSEWHERE IN THE BUILDING FOR ITEMS NOT SHOWN ON THE PLANS, AND FOR N.I.F.S.E.C. ITEMS.</div></div><div><div>21.</div><div>ELECTRICAL CONTRACTOR TO VERIFY TYPE OF CONDUIT THAT MEETS LOCAL BUILDING AND ELECTRICAL CODES.</div></div><div><div>22.</div><div>ELECTRICAL CONTRACTOR TO VERIFY ALL WIRING OF WALK-IN COOLERS/FREEZERS WITH REFRIGERATION CONTRACTOR PRIOR TO INSTALL.</div></div><div><div>23.</div><div>ELECTRICAL CONTRACTOR TO CONNECT ALL EXHAUST AND MAKE-UP AIR FANS AND SUPPLY PER MECHANICAL ENGINEER DRAWINGS.</div></div><div><div>24.</div><div>ELECTRICAL CONTRACTOR TO INTERCONNECT EXHAUST AND MAKE-UP AIR FANS AND/OR DEMAND CONTROL VENTILATION SYSTEMS PER MECHANICAL ENGINEER DRAWINGS.</div></div><div><div>25.</div><div>ELECTRICAL CONTRACTOR TO PROVIDE SERVICE FOR SOUND SYSTEMS. P.O.S. SYSTEMS AND TELEPHONES.</div></div><div><div>26.</div><div>ELECTRICAL CONTRACTOR TO HOOK-UP HEATER STRIPS AT COLD STORAGE ROOM DOORS AND DRAIN LINES AS REQUIRED.</div></div></div></div>	<div><div></div><div><div><div>1.</div><div>PLUMBING CONTRACTOR TO VERIFY ALL INCOMING SERVICES AND MAKE ALL EXTERNAL AND INTERNAL CONNECTIONS. PLUMBING CONTRACTOR TO PROVIDE ALL PIPING, FITTINGS, PARTS, ETC., NECESSARY TO MAKE EQUIPMENT FUNCTIONAL.</div></div><div><div>2.</div><div>PLUMBING CONTRACTOR TO PROVIDE AND INSTALL INDIVIDUAL SHUT-OFF VALVES ON ALL WATER AND GAS LINES.</div></div><div><div>3.</div><div>WALL, FLOOR AND WALL PENETRATIONS MUST BE SEALED WATER-TIGHT AND VERMIN PROOF.</div></div><div><div>4.</div><div>ALL PLUMBING OUTLETS AND CONNECTIONS SHOWN ARE FOR EQUIPMENT SHOWN ON FOOD SERVICE EQUIPMENT PLAN ONLY. (SEE ARCHITECTURAL PLANS FOR FURTHER PLUMBING REQUIREMENTS.)</div></div><div><div>5.</div><div>ALL HORIZONTAL DIMENSIONS SHOWN ARE FROM FINISHED FACE ON WALL TO CENTERLINE OF STUB OUT OR FROM CENTERLINE OF STUB OUT TO CENTERLINE OF STUB OUT UNLESS OTHERWISE NOTED ON PLANS OR DETAILS (VERIFY ALL DIMENSIONS AT JOB SITE).</div></div><div><div>6.</div><div>ALL SYMBOLS NOTED +12", +24", ETC., ARE TO STUB OUT OF WALL AT HEIGHT INDICATED.</div></div><div><div>7.</div><div>HEIGHT IS GIVEN FROM FINISHED FLOOR (NOT FINISHED CURB) TO CENTERLINE OF STUB OUT. ALL SYMBOLS NOTED STUB UP ARE TO STUB UP ABOVE FINISHED FLOOR OR FINISHED CURB AT LOCATION INDICATED ON PLAN (VERIFY ALL DIMENSIONS AT JOB SITE)</div></div><div><div>8.</div><div>ALL FLOOR SINKS SHOWN ARE TO BE SET FLUSH WITH FINISHED FLOOR. VERIFY LOCATION OF FLOOR SINKS PRIOR TO FINAL POUR. (VERIFY WITH FOOD SERVICE EQUIPMENT CONTRACTOR.)</div></div><div><div>9.</div><div>PLUMBING CONTRACTOR TO PROVIDE AND INSTALL REMOVABLE GRILLS OR COVERS FOR ALL FULL OR PARTIALLY EXPOSED FLOOR SINKS.</div></div><div><div>10.</div><div>PLUMBING CONTRACTOR TO PROVIDE AND INSTALL TYPE "L" COPPER TUBING DRAIN LINES FROM ALL APPLICABLE EQUIPMENT TO FLOOR SINK. (INCLUDING WALK-IN COOLER AND FREEZER COILS) AND TO INSULATE ALL DRAIN LINES FROM ICE BINS, REFRIGERATION EQUIPMENT ETC., PLUMBING CONTRACTOR TO INSTALL DRAIN LINES SO THEY DO NOT AFFECT UNDER-COUNTER STORAGE AND OTHER OPERATIONAL FUNCTIONS OF THE FIXTURES.</div></div><div><div>11.</div><div>DRAIN FOR DISHWASHER TO HAVE A MINIMUM 3" DRAIN PIPE.</div></div><div><div>12.</div><div>PLUMBING CONTRACTOR TO VERIFY ALL INCOMING WATER TEMPERATURES, GPM'S WITH DISHWASHER SPECIFICATIONS.</div></div><div><div>13.</div><div>IF INLET PRESSURE ON HOT WATER LINE IS IN EXCESS OF 25 LBS. FLOW PRESSURE. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL PRESSURE REGULATION VALVE. G.P.H. RINSE CONSUMPTION AT 25 LBS. FLOW PRESSURE REQUIRED FOR DISH WASHING MACHINE.</div></div><div><div>14.</div><div>PLUMBING CONTRACTOR TO INSTALL AND FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE. AUTOMATIC SHUT-OFF VALVE(S) IN GAS LINE FOR FIRE SUPPRESSION SYSTEM IN HOOD.</div></div><div><div>15.</div><div>PLUMBING CONTRACTOR TO PROVIDE AND INSTALL STRAINERS OR APPROVED TYPE FILTERS ON GAS SUPPLY LINES.</div></div><div><div>16.</div><div>PLUMBING CONTRACTOR TO INSTALL AND FOOD SERVICE EQUIPMENT CONTRACTOR TO PROVIDE. ALL GAS PRESSURE REGULATING VALVES.</div></div><div><div>17.</div><div>PLUMBING CONTRACTOR TO PROVIDE AND INSTALL BACK FLOW PREVENTION DEVICES FOR FIXTURES AS REQUIRED BY LOCAL PLUMBING AND BUILDING DEPARTMENTS.</div></div><div><div>18.</div><div>PLUMBING ENGINEER TO VERIFY PROPER USE OF FOOD DISPOSERS. FOR GREASE INTERCEPTOR SIZING REFER TO MECHANICAL DOCUMENTS.</div></div></div></div>

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS_____FLS_____SS_____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



TYSON CLINE
NO. C-34438
EXPI. 1-31-21
STATE OF CALIFORNIA



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

EQUIPMENT
NOTES

RNT Job No.17759.04

Date02/04/2019

Drawn byAuthor

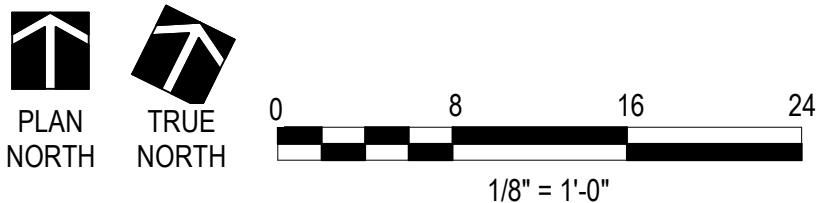
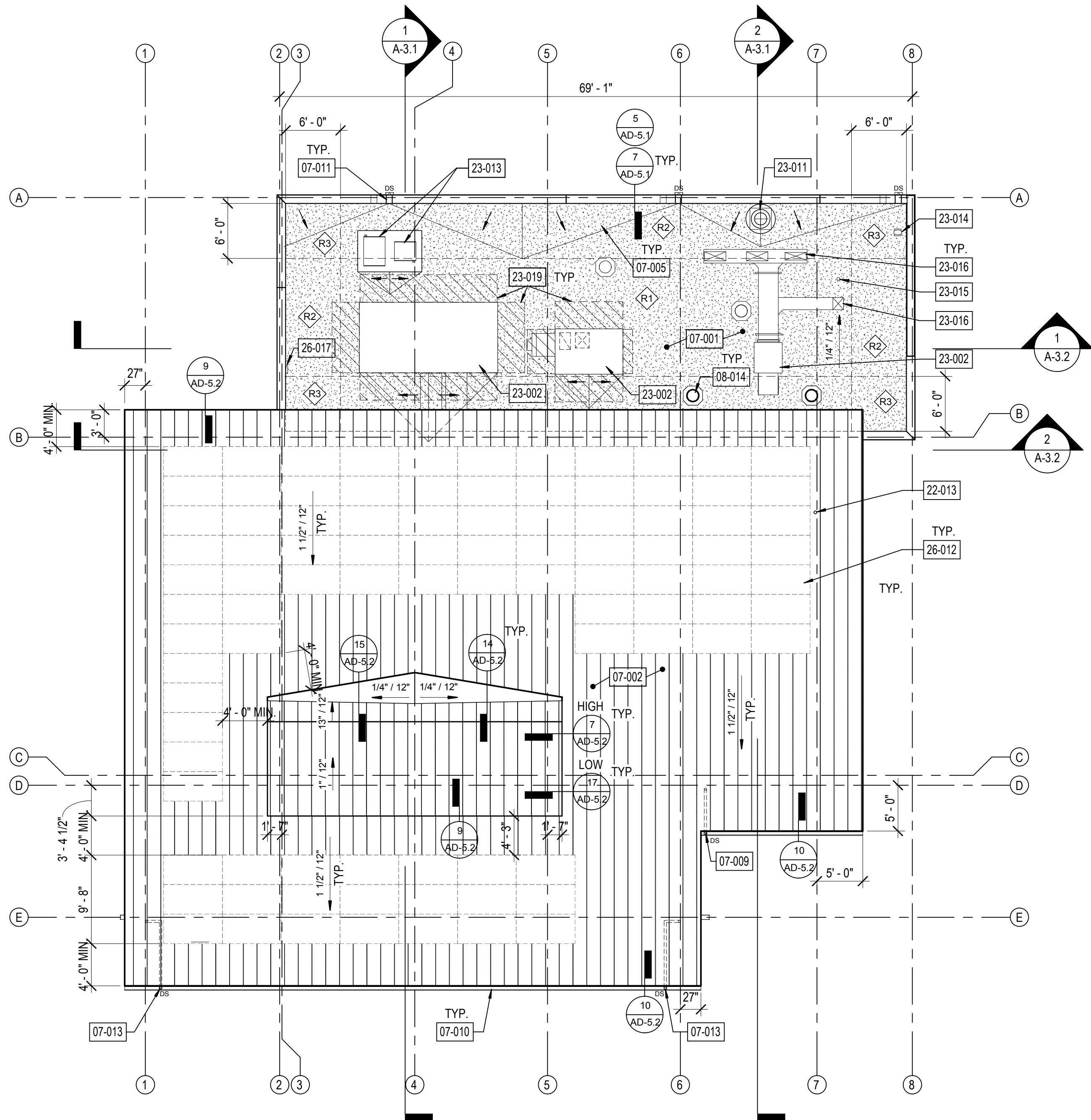
Checked byChecker

Sheet Number

A-1.4A

6/29/2019 11:12:07 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

1. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ALL ITEMS NEW U.N.O.
3. INSTALL LIQUID FLASHING AT ALL PIPING ROOF PENETRATIONS IN MODIFIED BITUMEN MEMBRANE ROOFING. REFER TO DETAIL 9/AD-5.1.
4. TYPICAL SIZE OF A SOLAR PANEL IS 6' - 5" BY 3' - 3". THE DEAD LOAD OF A TYPICAL SOLAR PANEL IS 52.3 POUNDS, OR 2.51 LBS PER SQUARE FOOT.
5. INSTALL ROOF CRICKET AT HIGH SIDE OF ALL EQUIPMENT.
6. MEMBRANE ROOF SHALL HAVE MINIMUM SLOPE OF 1/4:12 AND MAXIMUM SLOPE OF 1/2:12.

LEGEND

- SOLAR PHOTOVOLTAIC PANELS, REFER TO ELECTRICAL
- CLASS A STANDING SEAM METAL PANEL ROOF, REFER TO 2/AD-5.2 FOR TYPICAL ASSEMBLY AND R-101
- CLASS A MODIFIED BITUMEN MEMBRANE ROOF, REFER TO 10/AD-5.1 FOR TYPICAL ASSEMBLY
- SCHEDULE 40 GALVANIZED STEEL PIPE DOWNSPOUT
- COVER BOARD FASTENING PATTERN ZONE, REFER TO 19/AD-5.1

KEYNOTES

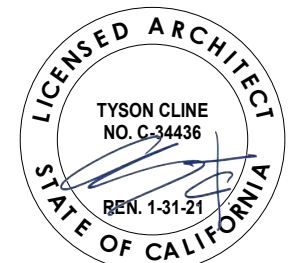
- 07-001 MODIFIED BITUMEN ROOFING, REFER TO 19/AD-5.1 FOR BASE PLY FASTENING PATTERN
- 07-002 STANDING SEAM METAL ROOF
- 07-005 CRICKET, RIGID INSULATION. 1/4" / 12" SLOPE
- 07-009 DOWNSPOUT PIPE, GALVANIZED, REFER TO A-1.6 FOR ROUTING AND DETAIL 1/AD-5.1
- 07-010 GUTTER, REFER TO DETAIL 10/AD-5.2
- 07-011 SCUPPER WITH OVERFLOW AND DOWNSPOUT, REFER TO DETAIL 13/AD-5.1 AND DETAIL 3/AD-5.1
- 07-013 DOWNSPOUT PIPE, GALVANIZED, REFER TO A-1.6 FOR ROUTING AND DETAIL 1/AD-5.2
- 08-014 TUBULAR DAYLIGHTING DEVICE, REFER TO 17/AD-5.1
- 22-013 PLUMBING STACK AT ROOF, REFER TO 20/AD-5.2 & PLUMBING DRAWINGS
- 23-002 HVAC UNIT, REFER TO 4/AD-5.1, 20/AD-5.1 AND FOR SUPPORT REFER TO MECHANICAL DRAWINGS
- 23-011 HOOD EXHAUST, REFER TO 8/AD-5.1 & MECHANICAL DRAWINGS
- 23-013 CONDENSING UNIT, REFER TO A-1.4 AND MECHANICAL DRAWINGS
- 23-014 EXHAUST FAN, REFER TO 9/AD-5.1 AND MECHANICAL DRAWINGS
- 23-015 WATER HEATER FLUE, REFER TO 9/AD-5.1 AND MECHANICAL DRAWINGS
- 23-016 MAKEUP AIR INTAKE, REFER TO 14/AD-5.1 AND MECHANICAL DRAWINGS
- 23-019 EQUIPMENT CLEARANCE
- 26-012 PHOTOVOLTAIC PANELS, REFER TO 19/AD-5.3
- 26-017 INVERTER SYSTEM, REFER TO ELECTRICAL

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

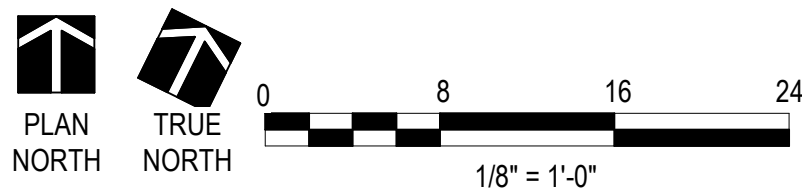
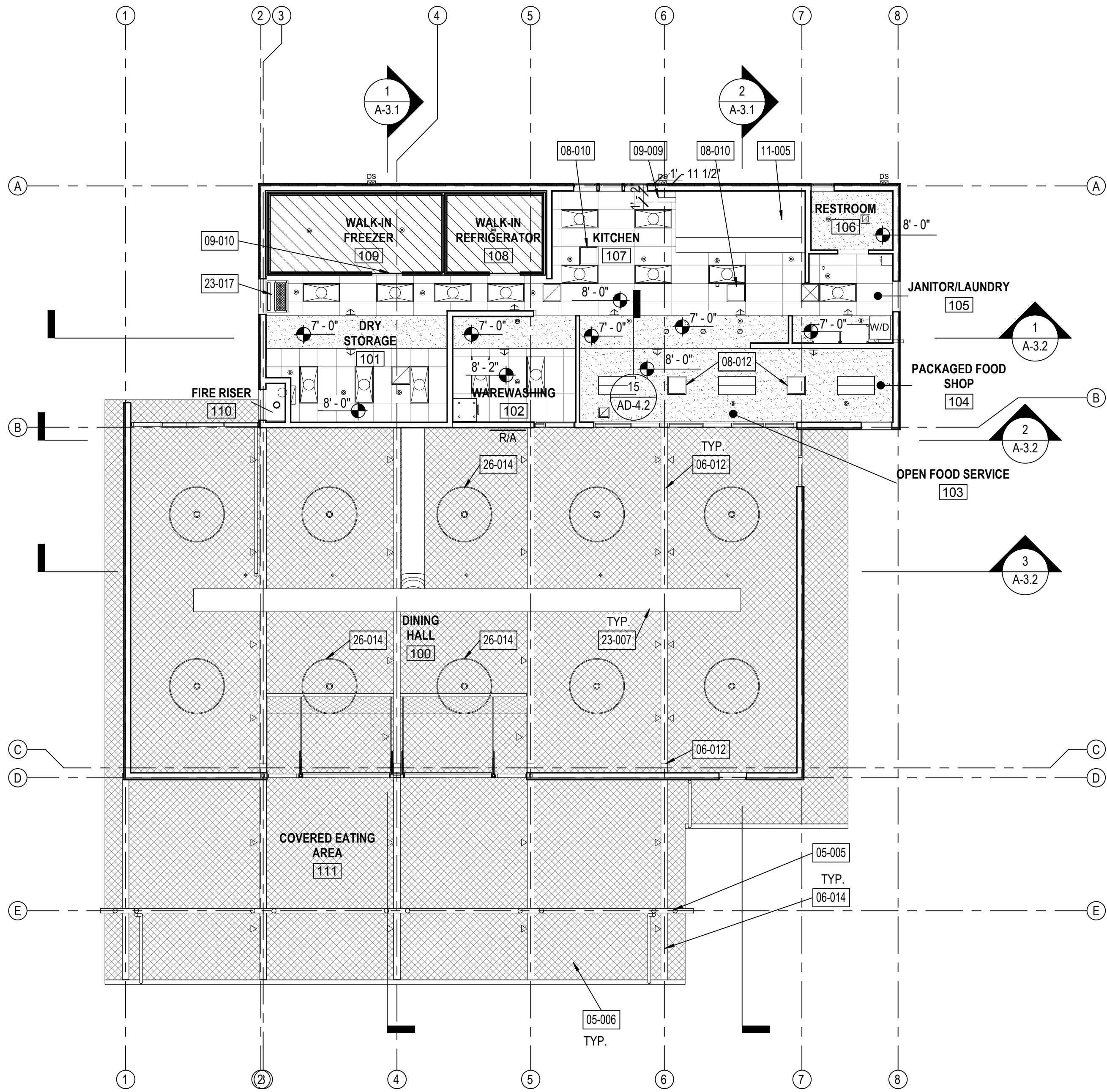
ROOF PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	BJJR
Checked by	TB
Sheet Number	

A-1.5

6/29/2019 11:12:10 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

- REFER TO AD-1.0 FOR WALL ASSEMBLIES.
- REFER TO T- FOR ADDITIONAL CODE RELATED INFORMATION INCLUDING OCCUPANCY LOADS, CODE REQUIRED EXITS, AND PATH OF EGRESS.
- ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.
- INSTALL ALL REQUIRED BACKING FOR LIGHT FIXTURE SUPPORTS.
- PAINT ALL EXPOSED STEEL, PIPE, CONDUIT, AND DUCTWORK.
- REFER TO INTERIOR FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- REFER TO A-5.3 FOR FINISH MATERIAL INFORMATION

LEGEND

- GYP. BD. CEILING, PAINT, REFER TO 5/AD-4.1
- 20 GA. STAINLESS STEEL PANELS
- WALK-IN COOLER / FREEZER, FACTORY FINISH
- ACOUSTIC TILE CEILING, WASHABLE, REFER TO 10/AD-4.1
- EXPOSED STRUCTURAL DECK, FACTORY FINISH
- TUBULAR SKYLIGHT, REFER TO 17/AD-5.1
- RETURN AIR GRILL, REFER TO MECH DRAWINGS
- SUPPLY AIR SIDE WALL DIFFUSER, REFER TO MECH DRAWINGS
- EXHAUST FAN REGISTER, REFER TO MECH DRAWINGS
- RING PENDANT LIGHT FIXTURE, REFER TO E301
- FIRE SPRINKLER, PENDENT TYPE, REFER TO FIRE PROTECTION DRAWINGS
- FIRE SPRINKLER, SIDEWALL TYPE, REFER TO FIRE PROTECTION DRAWINGS
- LAY-IN LIGHT FIXTURE, REFER TO E301
- RECESSED LIGHT FIXTURE, REFER TO E301
- RECESSED LIGHT FIXTURE, REFER TO ELECTRICAL

KEYNOTES

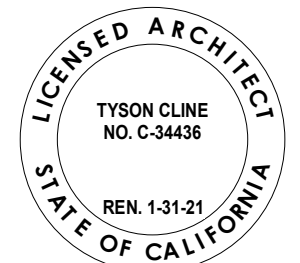
- 05-005 STEEL COLUMN, GALVANIZE AND PAINT, REFER TO S-1.1
- 05-006 ACOUSTIC STRUCTURAL DECK, PROVIDE ENCAPULATED INSULATION AT EXTERIOR EXPOSED DECK
- 06-012 STRUCTURAL GLULAM BEAM, STAIN, REFER TO S-1.2
- 06-014 STRUCTURAL GLULAM BEAM, PRESERVATIVE TREATED, STAIN, TYP. AT EXTERIOR. REFER TO S-1.2
- 08-010 TUBULAR DAYLIGHTING DEVICE, REFER TO 2/AD-4.2
- 08-012 TUBULAR DAYLIGHTING DEVICE, REFER TO 1/AD-4.2
- 09-009 SOFFIT, REFER TO 15/AD-4.2
- 09-010 SOFFIT AT WALK-IN, REFER TO 18/AD-4.2
- 11-005 EXHAUST HOOD 13'-0"x4'-6", REFER TO AD-9.2
- 23-007 MECHANICAL DUCT, REFER TO MECHANICAL DRAWINGS
- 23-017 AIR CURTAIN, REFER TO MECHANICAL DRAWINGS
- 26-014 RESTRAINED LIGHTING FIXTURE, REFER TO 8/AD-4.2 AND ELECTRICAL DRAWINGS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

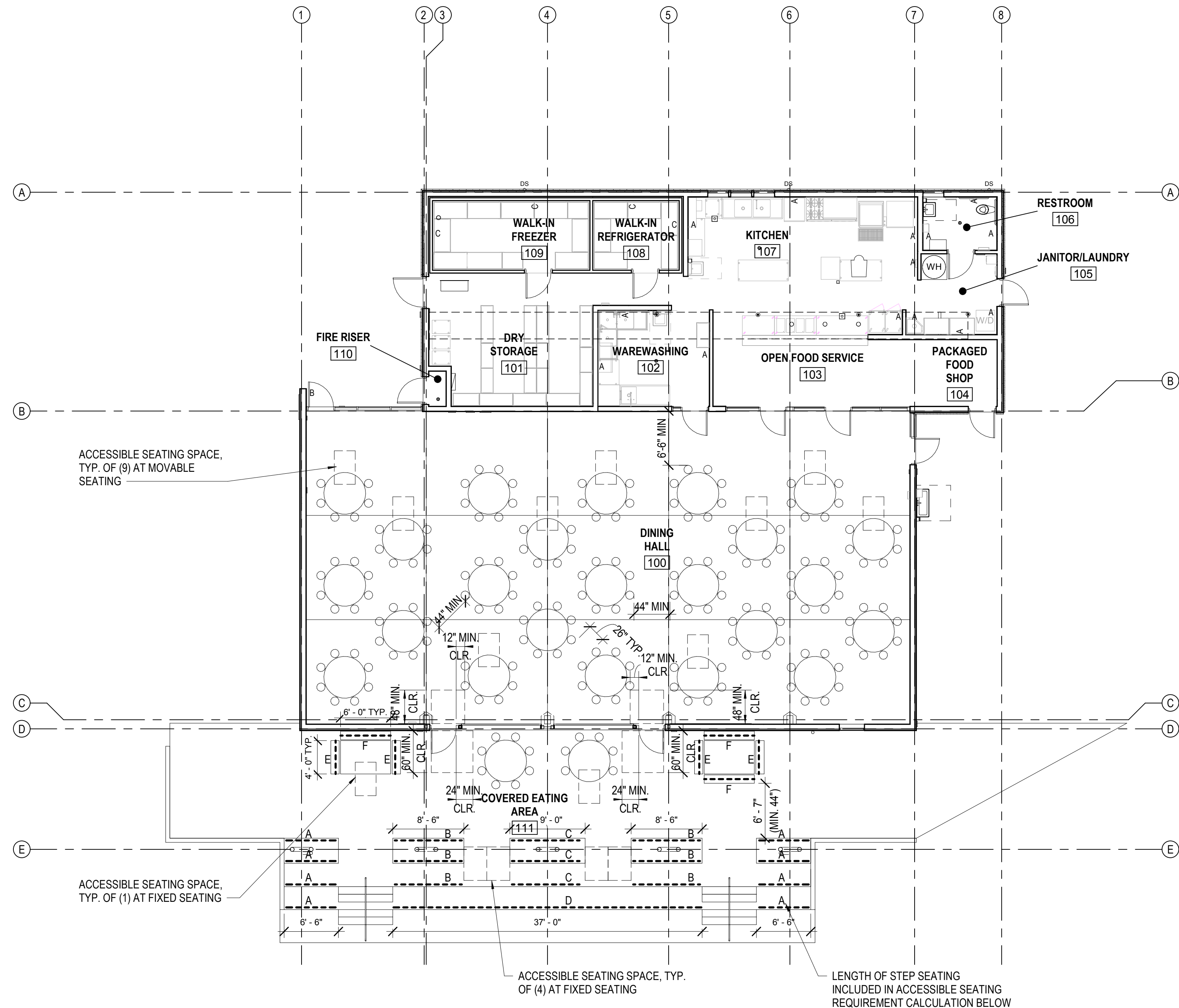
Sheet Name
**REFLECTED
CEILING PLAN**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG
Checked by	TB
Sheet Number	

A-1.6

7/19/2019 10:45:27 AM

All ideas, arrangements and plans indicated by the drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is therefore permissible without the written consent of RNT.



1 FURNITURE PLAN
1/8" = 1'-0"

ROOM #	ROOM NAME	TOTAL SEATING	ACCESSIBLE SEATING
100	DINING HALL	175	9 (5% OF TOTAL NON-FIXED SEATS)
111	COVERED EATING AREA - FIXED	20	1 SPACE (REQUIRED FOR 4-25 FIXED SEATS)
111	COVERED EATING AREA - MOVABLE	15	1 (5% OF TOTAL NON-FIXED SEATS)
111	COVERED EATING - STEP SEATING	104	4 SPACES (REQUIRED FOR 51-150 FIXED SEATS)

SEATS AT THE TWO ROUND TABLES OUTSIDE

CALCULATED AT ONE SEAT PER 18" LENGTH OF STEP SEATING, SEE TABLE BELOW

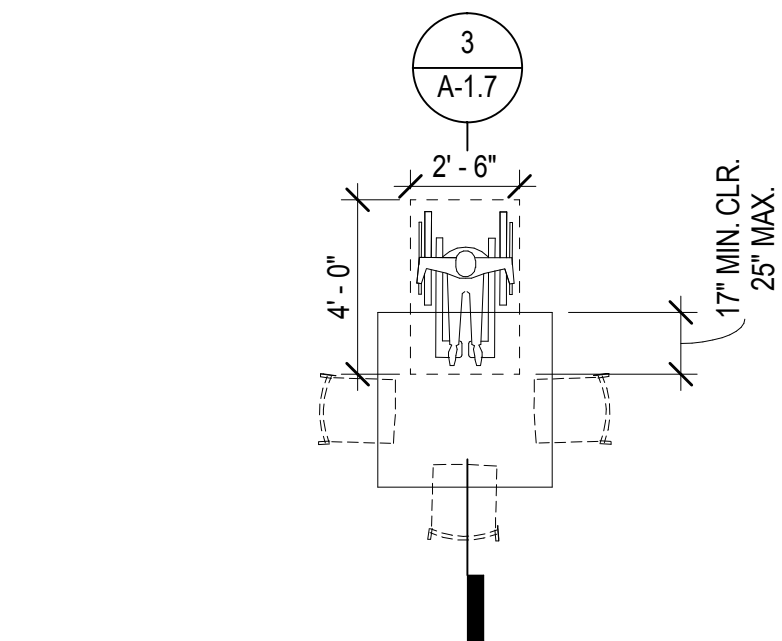
MARK	SEATING LENGTH	SEATS (1 PER 18" OF SEATING LENGTH)	QUANTITY	TOTAL FIXED SEATING
A	6'-6"	4	8	32
B	8'-6"	5	6	30
C	9'-0"	6	3	18
D	37'-0"	24	1	24

104

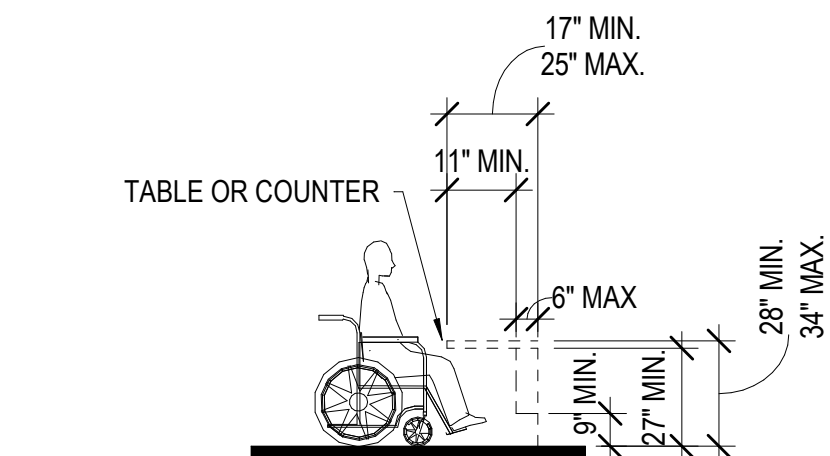
CALCULATED AT ONE SEAT PER 18" LENGTH OF BENCH SEATING, SEE TABLE BELOW

MARK	SEATING LENGTH	SEATS (1 PER 18" OF SEATING LENGTH)	QUANTITY	TOTAL FIXED SEATING
E	4'-0"	2	4	8
F	6'-0"	4	3	12

20



2 ACCESSIBLE SEATING PLAN, TYP.
1/4" = 1'-0"



3 ACCESSIBLE SEATING SECTION, TYP.
1/4" = 1'-0"

GENERAL NOTES

- FURNITURE SHOWN IS FOR REFERENCE ONLY, NOT IN CONTRACT
- FIXED SEATING SHALL COMPLY WITH 11B-221

LEGEND

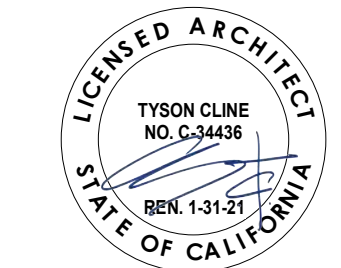
- 72" X 48" TABLE WITH BENCHES AND CLEAR SPACE FOR ACCESSIBLE SEATING, REFER TO 2 AND 3 / A-1.7
- 60" ROUND TABLE WITH STOOLS
CLEAR SPACE FOR ACCESSIBLE SEATING WHERE OCCURS, REFER TO 2 AND 3 / A-1.7
- SIDE CHAIR

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

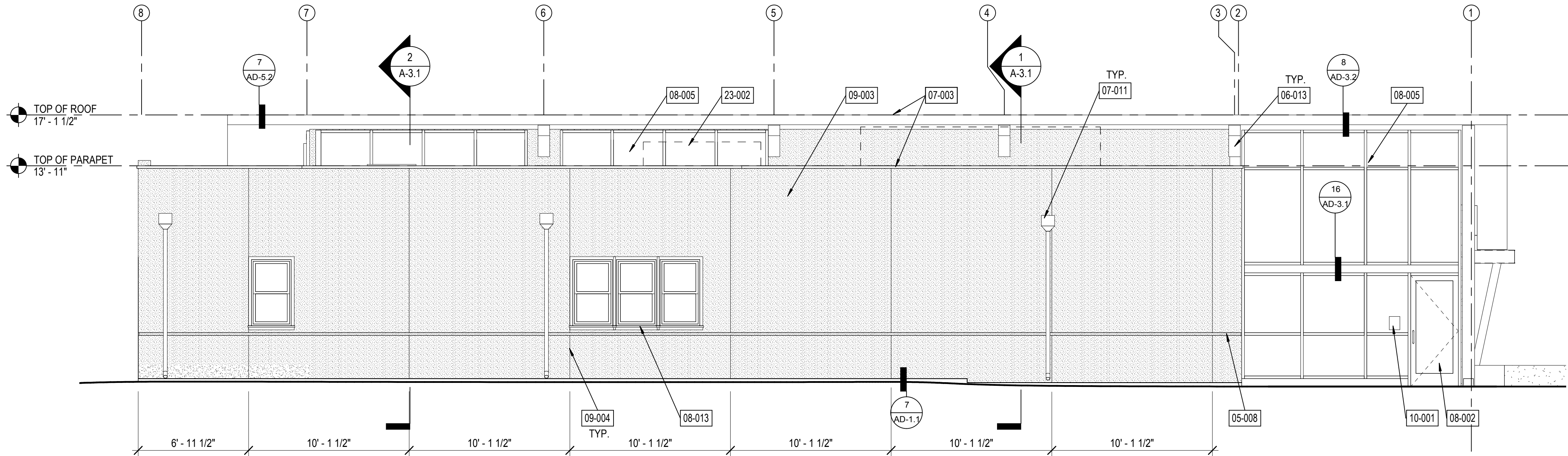
PROPOSED
FURNITURE
PLAN AND
ACCESSIBLE
SEATING

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

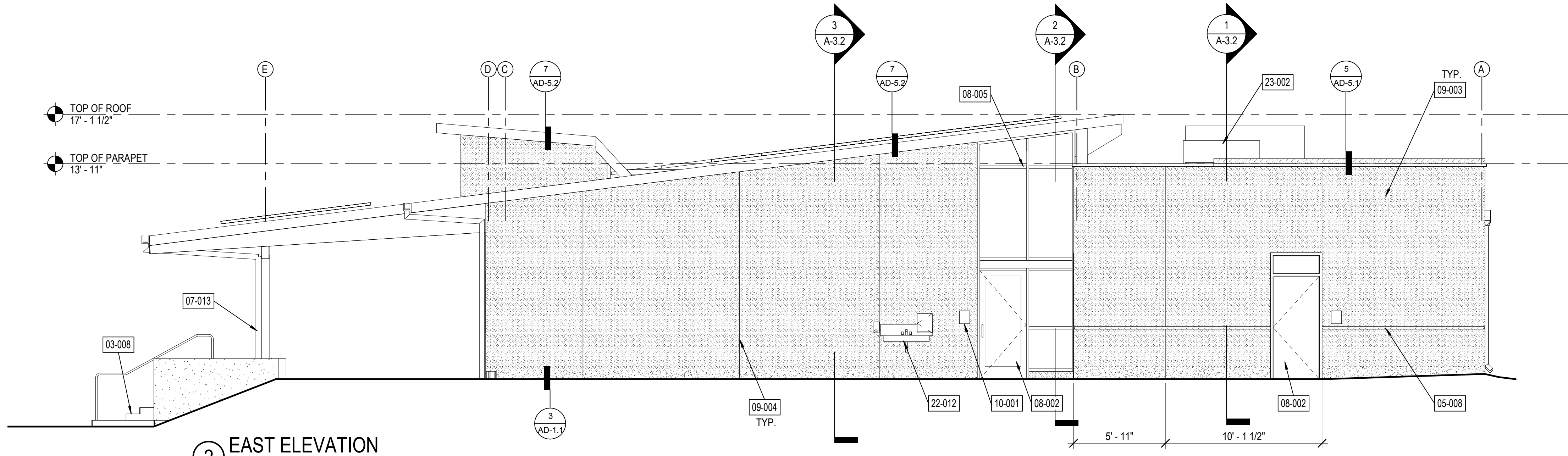
A-1.7

6/29/2019 11:12:18 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or a



① NORTH ELEVATION
1/4" = 1'-0"



② EAST ELEVATION
1/4" = 1'-0"

KEYNOTES

03-008	CAST-IN-PLACE CONCRETE STAIR WITH GALVANIZED METAL PIPE HANDRAIL, REFER TO 10/A-D-8.2
05-008	CHANNEL SCREED, DARK BRONZE TO MATCH STOREFRONT, LOCATE IN LINE WITH STOREFRONT MULLION
06-013	TAPERED GLULAM BEAM, REFER TO S-1.2, TYP.
07-003	PREFINISHED SHEET METAL PARAPET CAP, REFER TO A-1.5
07-011	SCUPPER WITH OVERFLOW AND DOWNSPOUT, REFER TO DETAIL 13/A-D-5.1 AND DETAIL 3/A-D-5.1
07-013	DOWNSPOUT PIPE, GALVANIZED, REFER TO A-1.6 FOR ROUTING AND DETAIL 1/A-D-5.2
08-002	DOOR, REFER TO A-5.1
08-005	STOREFRONT SYSTEM, REFER TO A-1.1

08-013 WINDOW, REFER TO A-1.1 TYP.
09-003 EXTERIOR CEMENT PLASTER, SAND FINISH
10-004 EXTERIOR PLASTER CONTROL JOINT, REFER TO 14/AD-1.1
10-001 SIGNAGE, REFER TO SIGNAGE SCHEDULE ON A-1.1
22-012 SINK, ACCESSIBLE, REFER TO 5/AD-7.1
23-002 HVAC UNIT, REFER TO 4/AD-5.1, 20/AD-5.1 AND FOR SUPPORT REFER TO MECHANICAL DRAWINGS

GENERAL NOTES

1. REFER TO FLOOR PLANS FOR WALL TYPE AND ASSEMBLY INFORMATION.
2. LOCATE CONTROL AND CONSTRUCTION JOINTS IN ALL FINISH ASSEMBLIES AS NOTED ON ELEVATIONS AND AS REQUIRED BY SPECIFICATIONS.
3. PROVIDE ANTI-GRAFFITI COATING FOR THE FIRST 10" ABOVE FINISH FLOOR AT EXPOSED CONCRETE AND EXTERIOR PLASTER ON THE EXTERIOR OF THE BUILDING, INCLUDING SITE WALLS AND SITE BENCHES.
4. PAINT ALL EXTERIOR , MISC. EXPOSED METAL AND STEEL STRUCTURE, UNLESS FACTORY FINISHED OR NOTED OTHERWISE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS_____ FLS _____ SS_____



**Roesling Nakamura
Terada Architects**
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTArchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

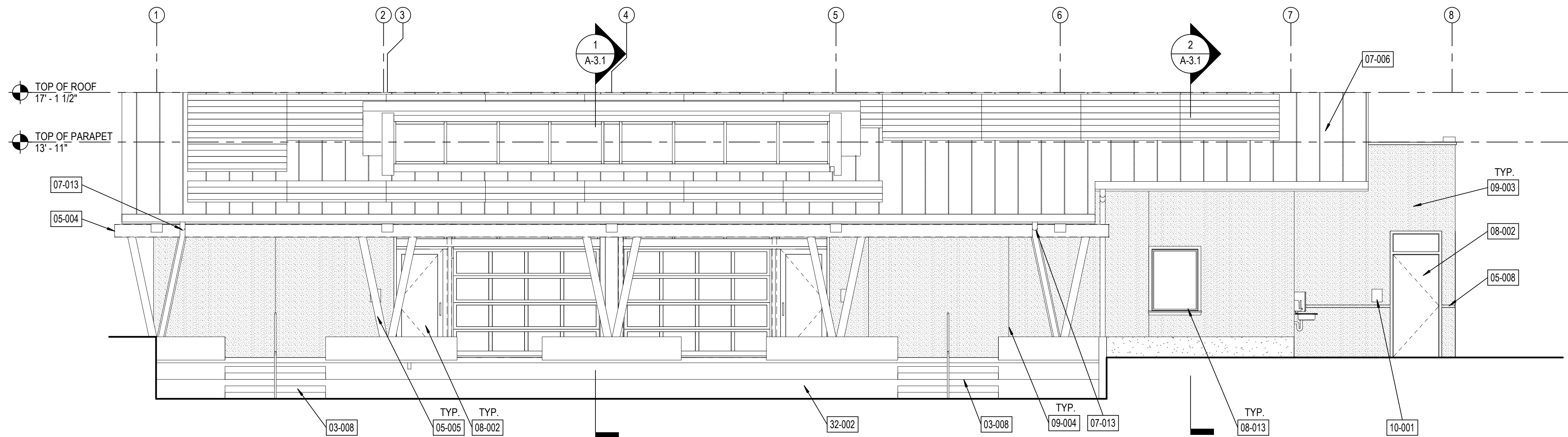
EXTERIOR ELEVATIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

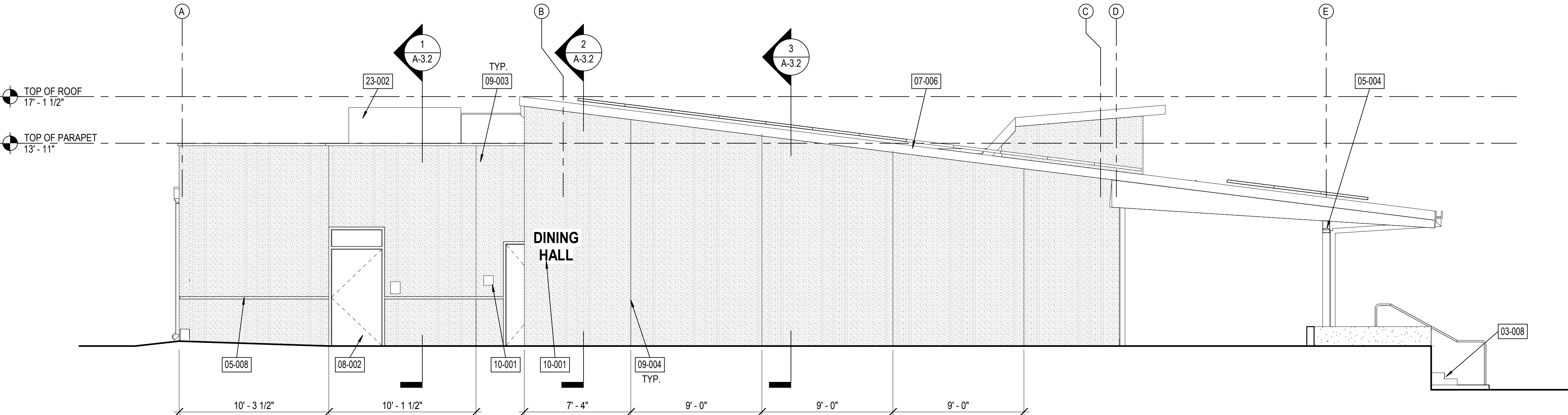
A-2.1

7/19/2019 10:46:28 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 SOUTH ELEVATION
1/4" = 1'-0"



2 WEST ELEVATION
1/4" = 1'-0"

KEYNOTES

03-008	CAST-IN-PLACE CONCRETE STAIR WITH GALVANIZED METAL PIPE HANDRAIL, REFER TO 10/AD-8.2
05-004	STEEL STRUCTURE, REFER TO S-1.2, COLD GALVANIZED & PAINT
05-005	STEEL COLUMN, GALVANIZE AND PAINT, REFER TO S-1.1
05-008	CHANNEL SCREED, DARK BRONZE TO MATCH STOREFRONT, LOCATE IN LINE WITH STOREFRONT MULLION
07-006	ROOF ASSEMBLY, REFER TO ROOF PLAN
07-013	DOWNSPOUT PIPE, GALVANIZED, REFER TO A-1.6 FOR ROUTING AND DETAIL 1/AD-5.2
08-002	DOOR, REFER TO A-5.1
08-013	WINDOW, REFER TO A-1.1 TYP.
09-003	EXTERIOR CEMENT PLASTER, SAND FINISH

09-004	EXTERIOR PLASTER CONTROL JOINT, REFER TO 14/AD-1.1
10-001	SIGNAGE, REFER TO SIGNAGE SCHEDULE ON A-1.1
23-002	HVAC UNIT, REFER TO 4/AD-5.1, 20/AD-5.1 AND FOR SUPPORT REFER TO MECHANICAL DRAWINGS
32-002	CONCRETE STEP SEATING, REFER TO 19/AS-2.1

GENERAL NOTES

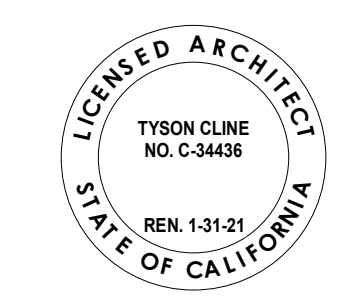
- REFER TO FLOOR PLANS FOR WALL TYPE AND ASSEMBLY INFORMATION.
- LOCATE CONTROL AND CONSTRUCTION JOINTS IN ALL FINISH ASSEMBLIES AS NOTED ON ELEVATIONS AND AS REQUIRED BY SPECIFICATIONS, REFER TO 14/AD-1.1
- PAINT ALL EXTERIOR, MISC. EXPOSED METAL AND STEEL STRUCTURE, UNLESS FACTORY FINISHED OR NOTED OTHERWISE.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

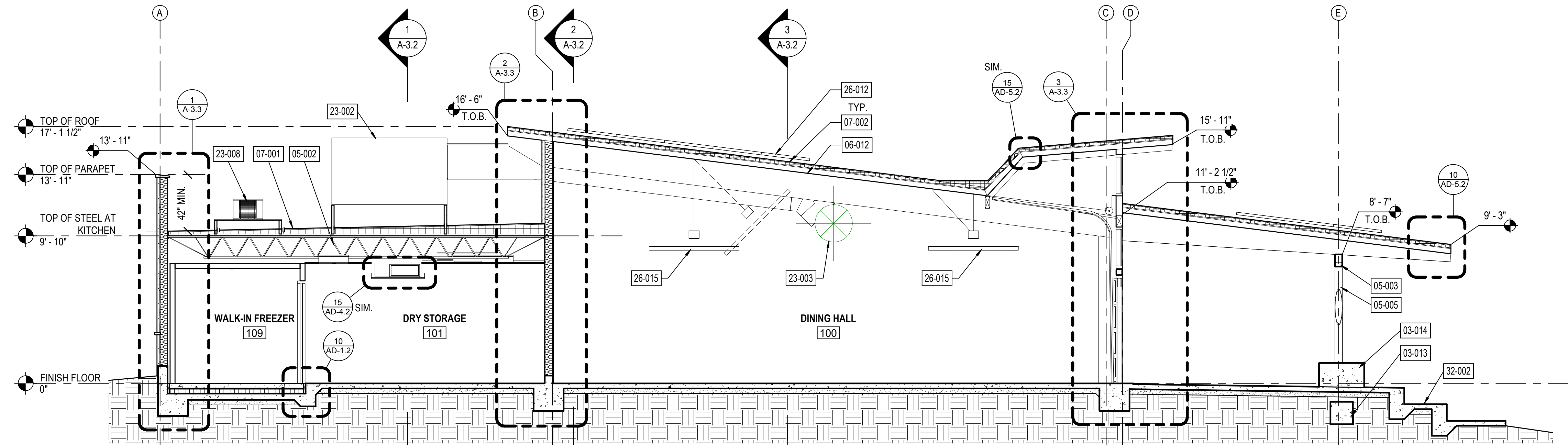
EXTERIOR
ELEVATIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

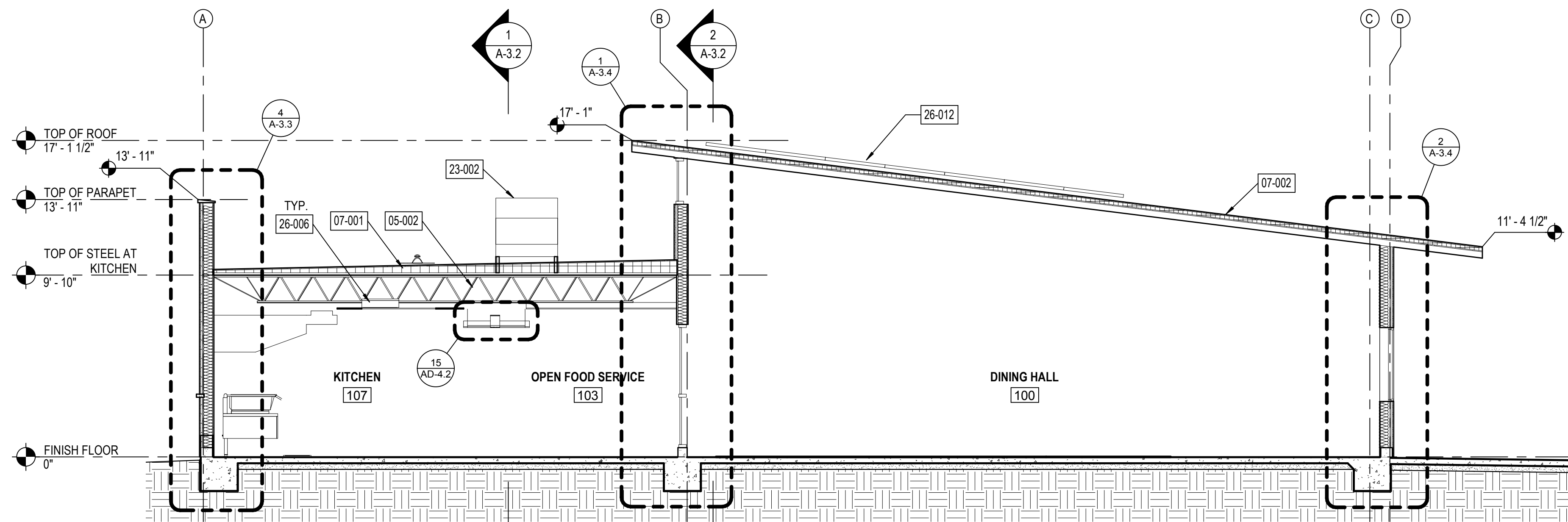
A-2.2

7/19/2019 10:47:20 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 NORTH-SOUTH SECTION A
1/4" = 1'-0"



2 NORTH-SOUTH SECTION B
1/4" = 1'-0"

KEYNOTES

- 03-013 CONCRETE GRADE BEAM, REFER TO S-1.1
- 03-014 CONCRETE SEAT, REFER TO FLOOR PLAN
- 05-002 STRUCTURAL STEEL, REFER TO S-1.2
- 05-003 STRUCTURAL STEEL, GALVANIZE & PAINT, REFER TO S-1.2
- 05-005 STEEL COLUMN, GALVANIZE AND PAINT, REFER TO S-1.1
- 06-012 STRUCTURAL GLULAM BEAM, STAIN, REFER TO S-1.2
- 07-001 MODIFIED BITUMEN ROOFING, REFER TO 19/AD-5.1 FOR BASE PLY FASTENING PATTERN
- 07-002 STANDING SEAM METAL ROOF
- 23-002 HVAC UNIT, REFER TO 4/AD-5.1, 20/AD-5.1 AND FOR SUPPORT REFER TO MECHANICAL DRAWINGS
- 23-003 MECHANICAL DUCT, EXPOSED, REFER TO MECHANICAL DRAWINGS
- 23-008 CONDENSING UNIT, REFER TO MECHANICAL DRAWINGS

- 26-006 LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS
- 26-012 PHOTOVOLTAIC PANELS, REFER TO 19/AD-5.3
- 26-015 LIGHTING FIXTURE, DASHED LINE REFERS TO 45 DEGREE SWING OF FIXTURE. LIGHTING FIXTURES ARE LOCATED BETWEEN GIRDERS AND 45 DEGREE SWING WILL NOT INTERFERE WITH GIRDERS, REFER TO 3/A-3.2. PROVIDE RESTRAINT WHERE FIXTURE CANNOT SWING 45 DEGREES UNINTERRUPTED. REFER TO REFLECTED CEILING PLAN FOR REQUIRED LOCATIONS.
- 32-002 CONCRETE STEP SEATING, REFER TO 19/AS-2.1

GENERAL NOTES

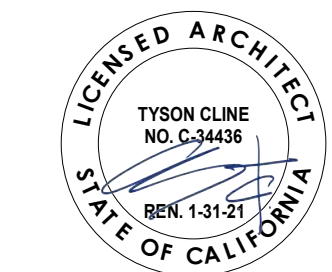
- REFER TO FLOOR PLANS FOR WALL TYPE AND ASSEMBLY INFORMATION.
- LOCATE CONTROL AND CONSTRUCTION JOINTS IN ALL FINISH ASSEMBLIES AS NOTED ON ELEVATIONS AND AS REQUIRED BY SPECIFICATIONS.
- PROVIDE RESTRAINT FOR HANGING LIGHTING FIXTURE WHERE FIXTURE CANNOT SWING 45 DEGREES UNINTERRUPTED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

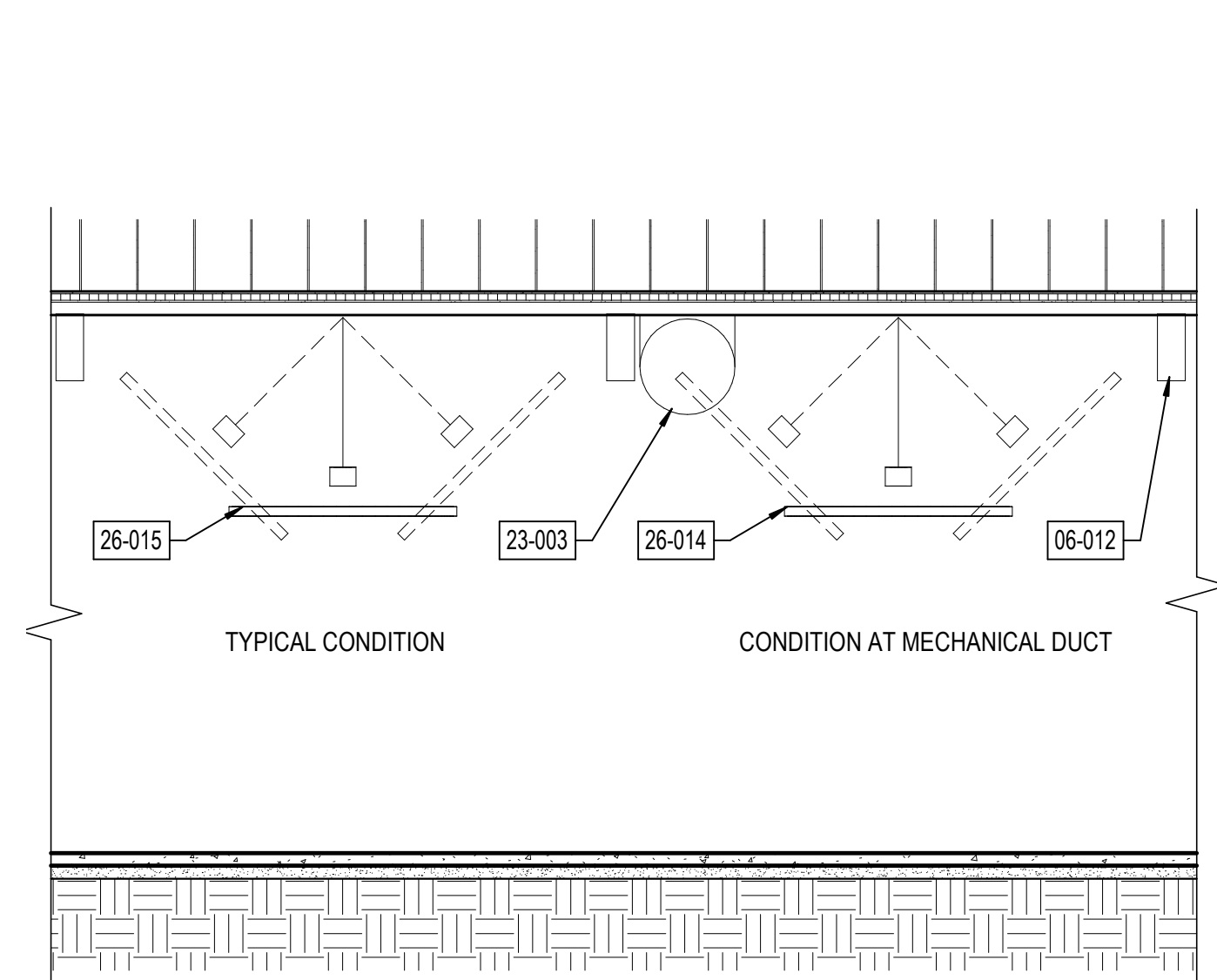
BUILDING SECTIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	MB
Checked by	TB
Sheet Number	

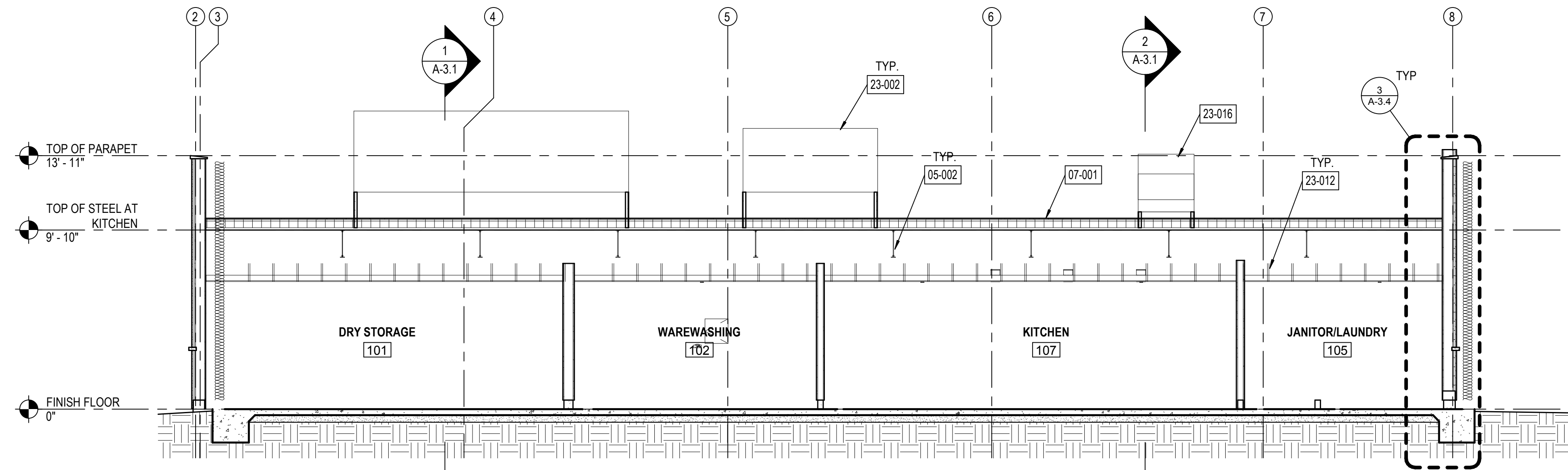
A-3.1

6/29/2019 11:12:30 AM

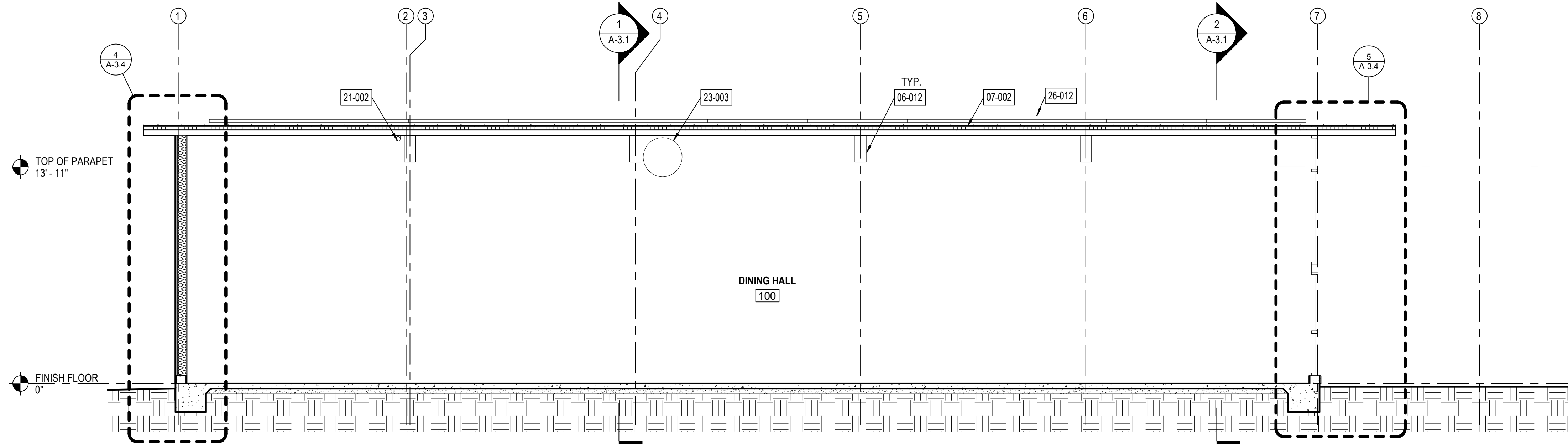
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



3 EAST-WEST LIGHTING SECTION
1/4" = 1'-0"



1 EAST-WEST SECTION C
1/4" = 1'-0"



2 EAST-WEST SECTION D
1/4" = 1'-0"

KEYNOTES

05-002 STRUCTURAL STEEL, REFER TO S-1.2
06-012 STRUCTURAL GLULAM BEAM, STAIN, REFER TO S-1.2
07-001 MODIFIED BITUMEN ROOFING, REFER TO 19/AD-5.1 FOR BASE PLY FASTENING PATTERN
07-002 STANDING SEAM METAL ROOF
21-002 FIRE SPRINKLER PIPING, PAINT, REFER TO FIRE PROTECTION DRAWINGS
23-002 HVAC UNIT, REFER TO 4/AD-5.1, 20/AD-5.1 AND FOR SUPPORT REFER TO MECHANICAL DRAWINGS
23-003 MECHANICAL DUCT, EXPOSED, REFER TO MECHANICAL DRAWINGS
23-012 SOFFIT FOR KITCHEN WING DUCT

23-016 MAKEUP AIR INTAKE, REFER TO 14/AD-5.1 AND MECHANICAL DRAWINGS
26-012 PHOTOVOLTAIC PANELS, REFER TO 19/AD-5.3
26-014 RESTRAINED LIGHTING FIXTURE, REFER TO 8/AD-4.2 AND ELECTRICAL DRAWINGS
26-015 LIGHTING FIXTURE, DASHED LINE REFERS TO 45 DEGREE SWING OF FIXTURE. LIGHTING FIXTURES ARE LOCATED BETWEEN GIRDERS AND 45 DEGREE SWING WILL NOT INTERFERE WITH GIRDERS, REFER TO 3/A-3.2. PROVIDE RESTRAINT WHERE FIXTURE CANNOT SWING 45 DEGREES UNINTERRUPTED. REFER TO REFLECTED CEILING PLAN FOR REQUIRED LOCATIONS.

GENERAL NOTES

1. REFER TO SHEET A-5.3 MATERIAL LEGEND
2. REFER TO FLOOR PLANS FOR WALL TYPE AND ASSEMBLY INFORMATION.
3. LOCATE CONTROL AND CONSTRUCTION JOINTS IN ALL FINISH ASSEMBLIES AS NOTED ON ELEVATIONS AND AS REQUIRED BY SPECIFICATIONS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

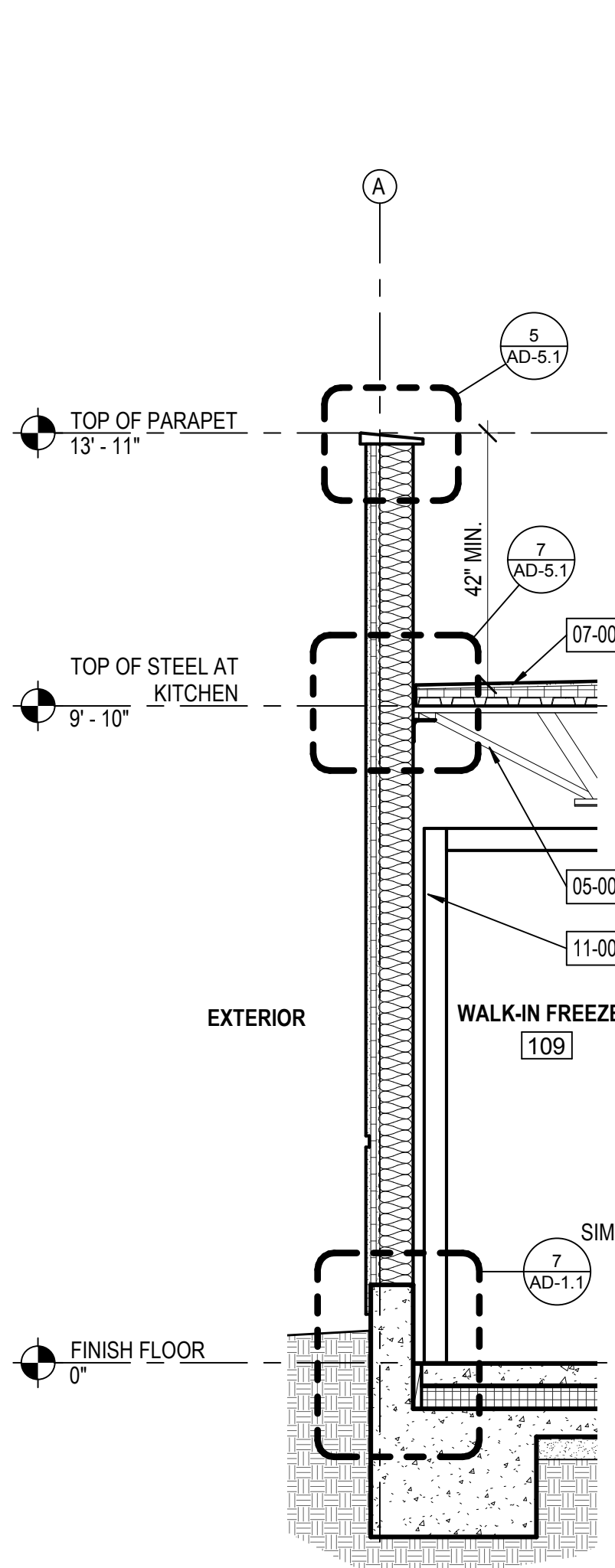
BUILDING SECTIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	MB
Checked by	TB
Sheet Number	

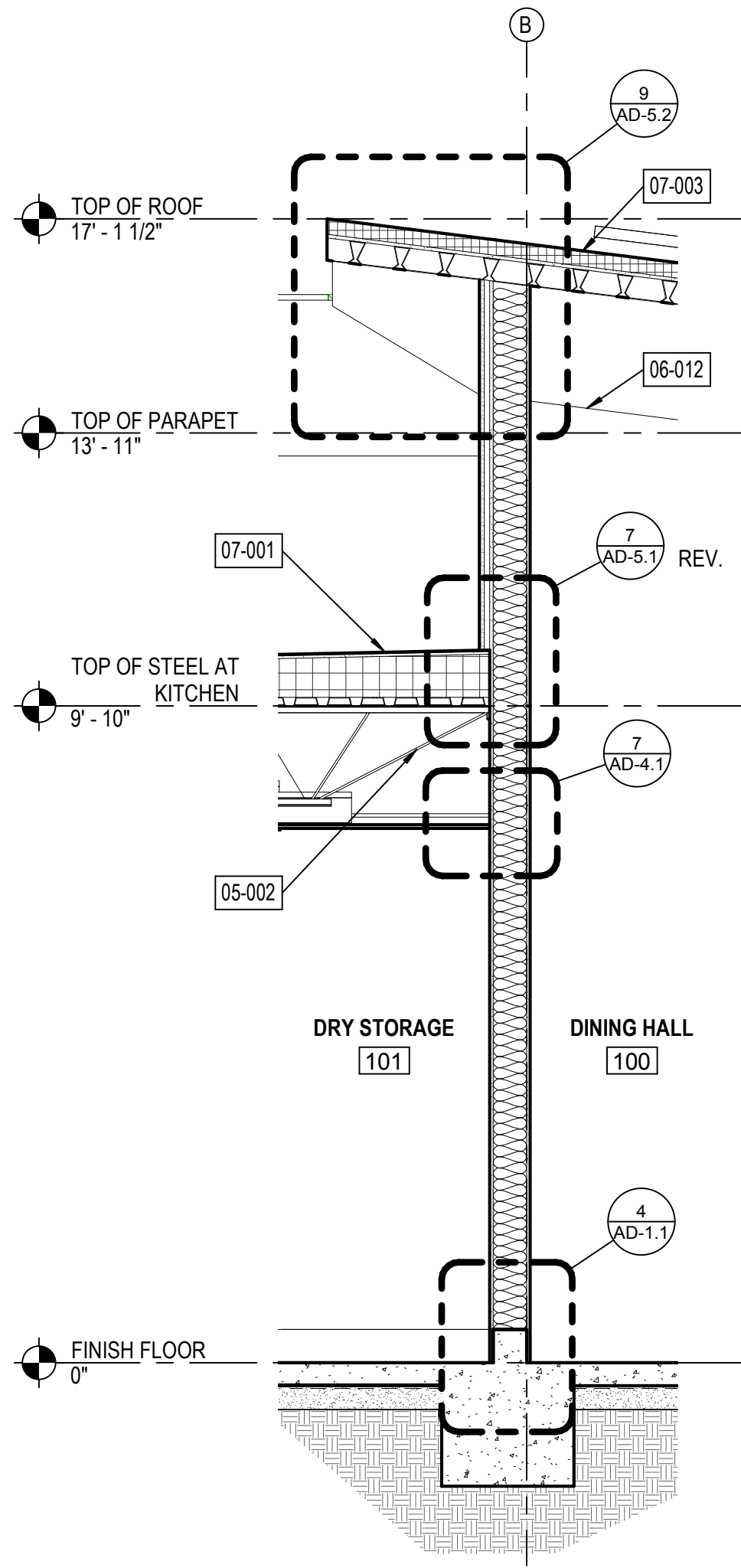
A-3.2

6/29/2019 11:12:33 AM

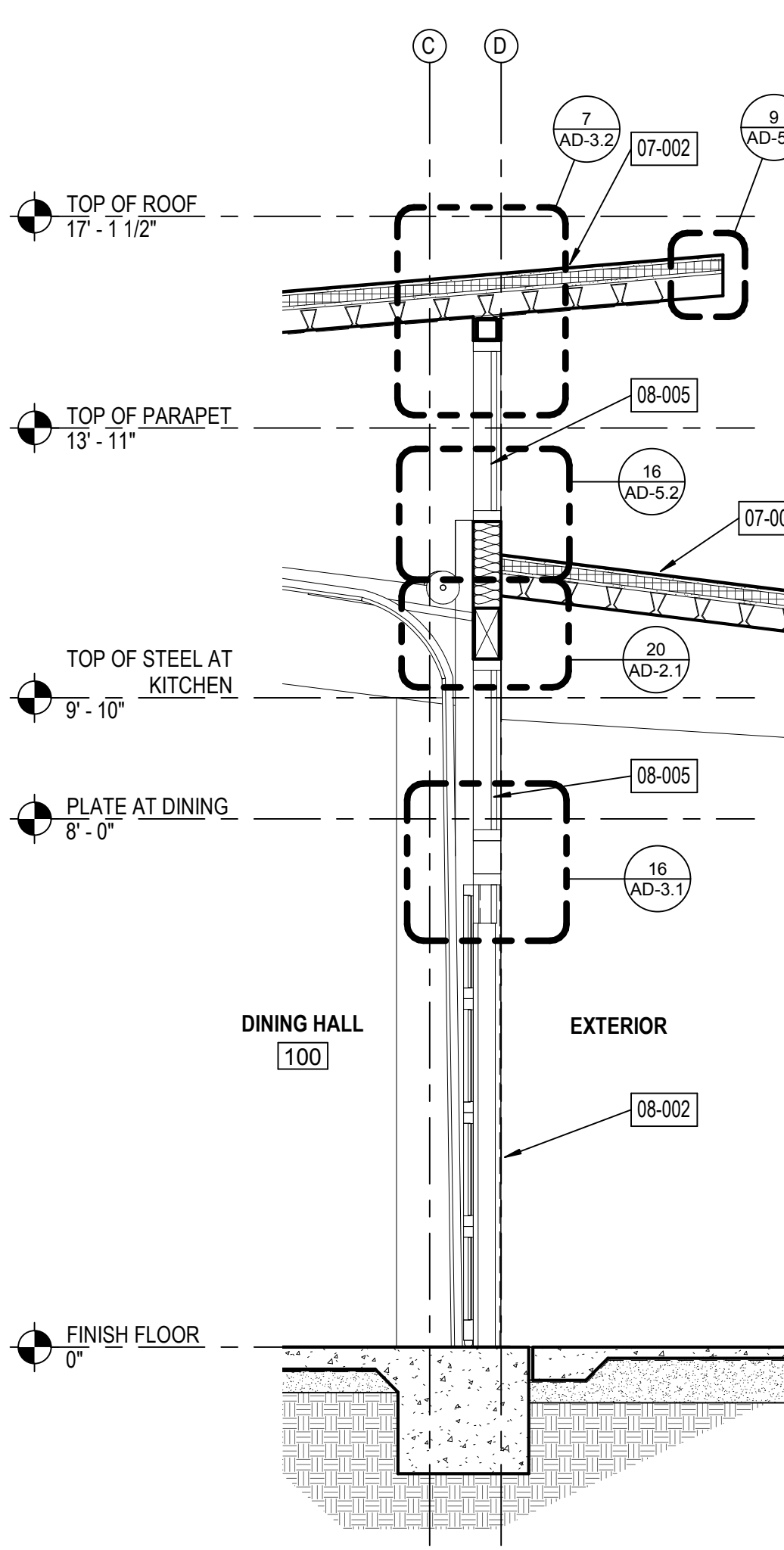
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



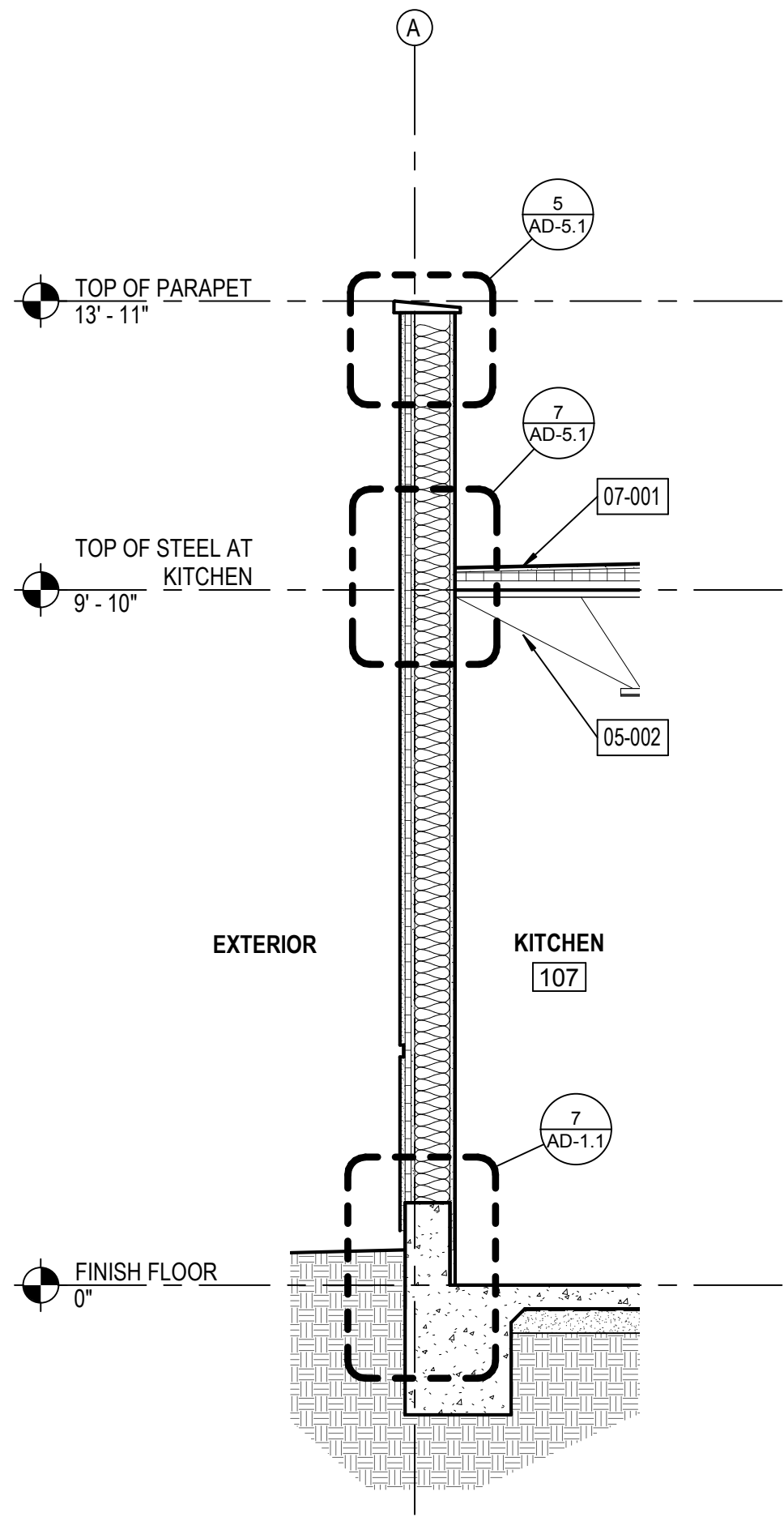
1 WALL SECTION 1.1
1/2" = 1'-0"



2 WALL SECTION 1.2
1/2" = 1'-0"



3 WALL SECTION 1.3
1/2" = 1'-0"



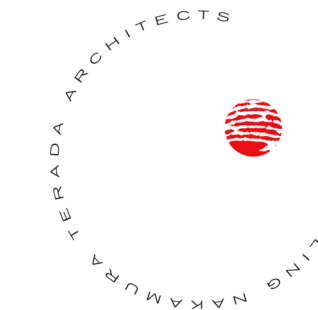
4 WALL SECTION 2.1
1/2" = 1'-0"

KEYNOTES

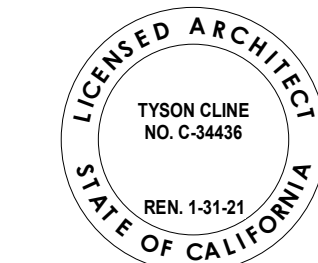
- 05-002 STRUCTURAL STEEL, REFER TO S-1.2
- 06-012 STRUCTURAL GLULAM BEAM, STAIN, REFER TO S-1.2
- 07-001 MODIFIED BITUMEN ROOFING, REFER TO 19/AD-5.1 FOR BASE PLY FASTENING PATTERN
- 07-002 STANDING SEAM METAL ROOF
- 07-003 PREFINISHED SHEET METAL PARAPET CAP, REFER TO A-1.5
- 08-002 DOOR, REFER TO A-5.1
- 08-005 STOREFRONT SYSTEM, REFER TO A-1.1
- 11-003 FOOD SERVICE EQUIPMENT, REFER TO A-1.4

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

WALL SECTIONS

RNT Job No. 17759.04

Date 02/04/2019

Drawn by MB

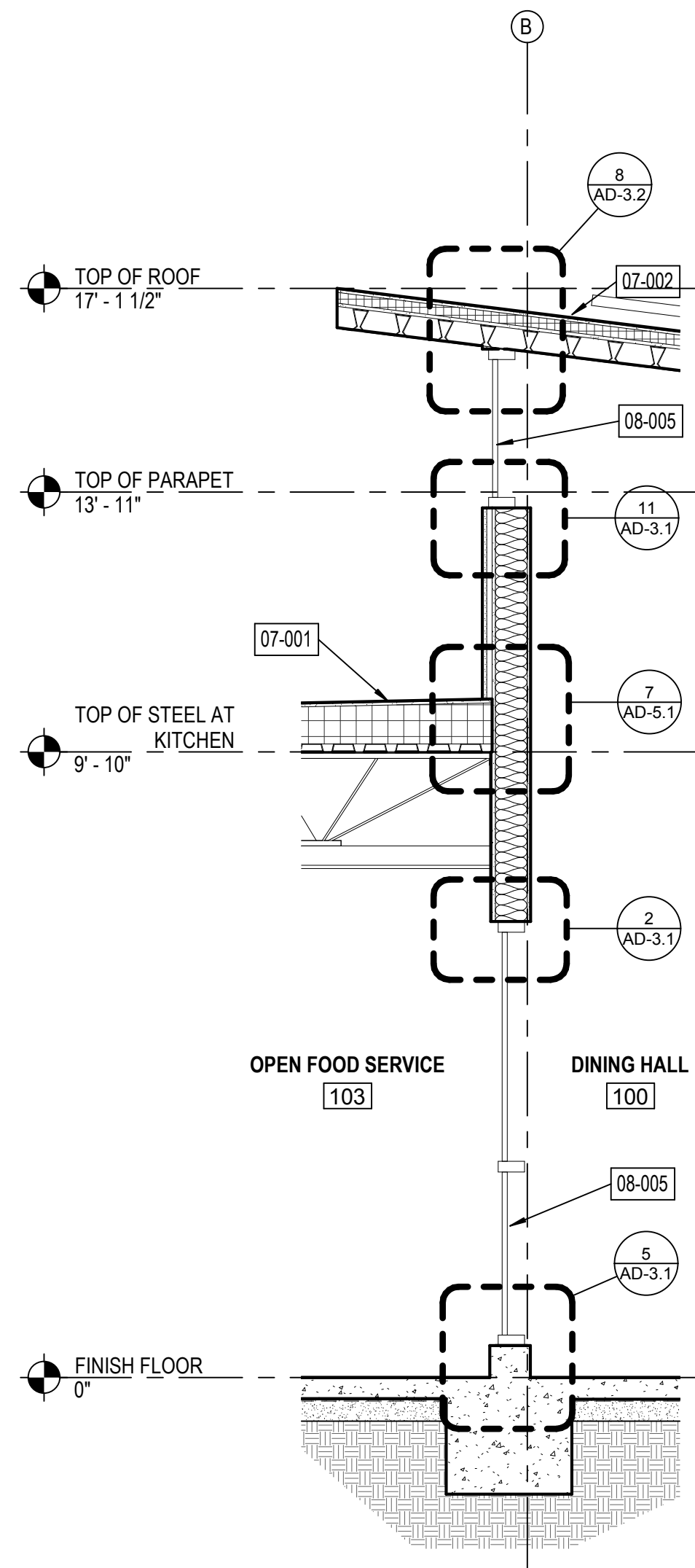
Checked by TB

Sheet Number

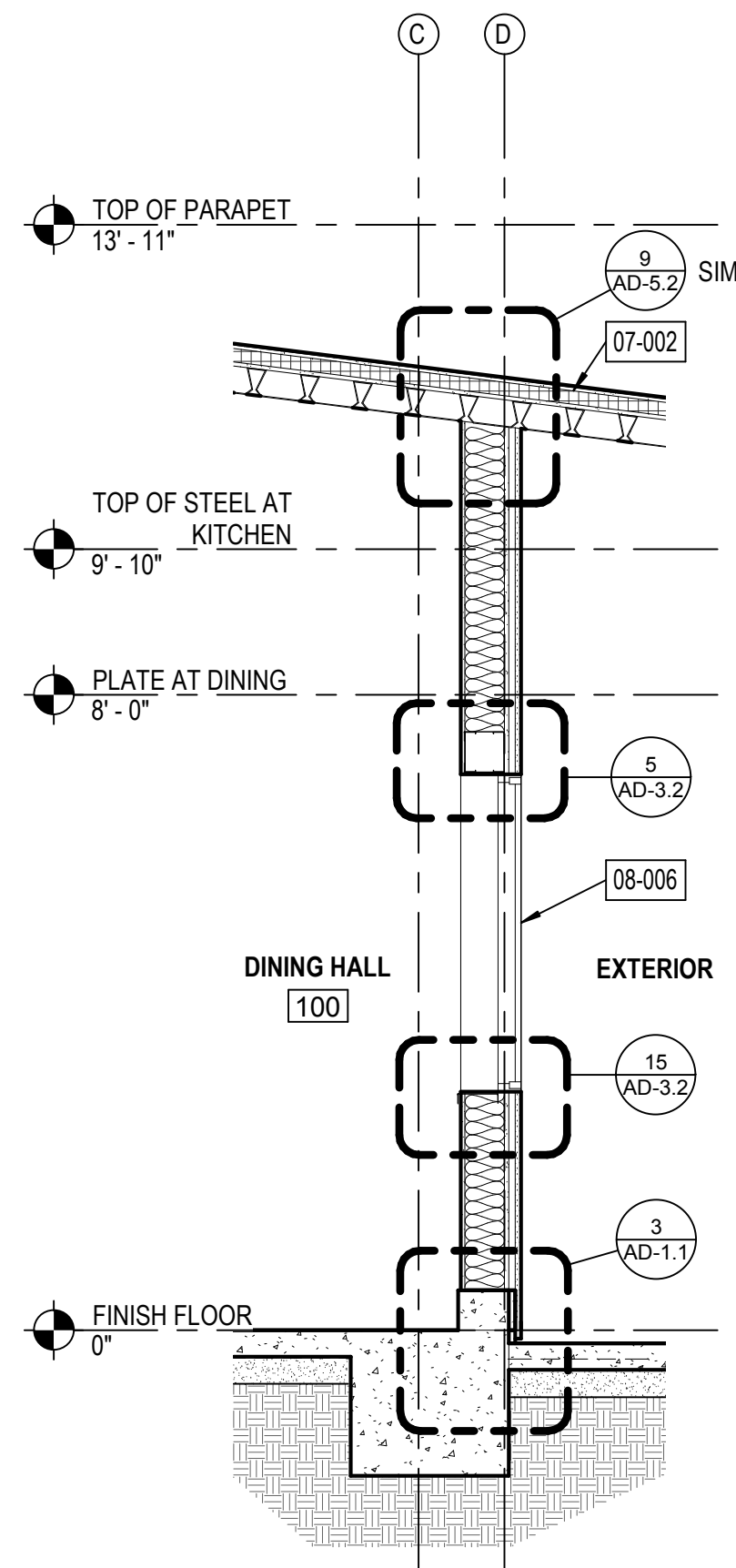
A-3.3

7/19/2019 10:55:01 AM

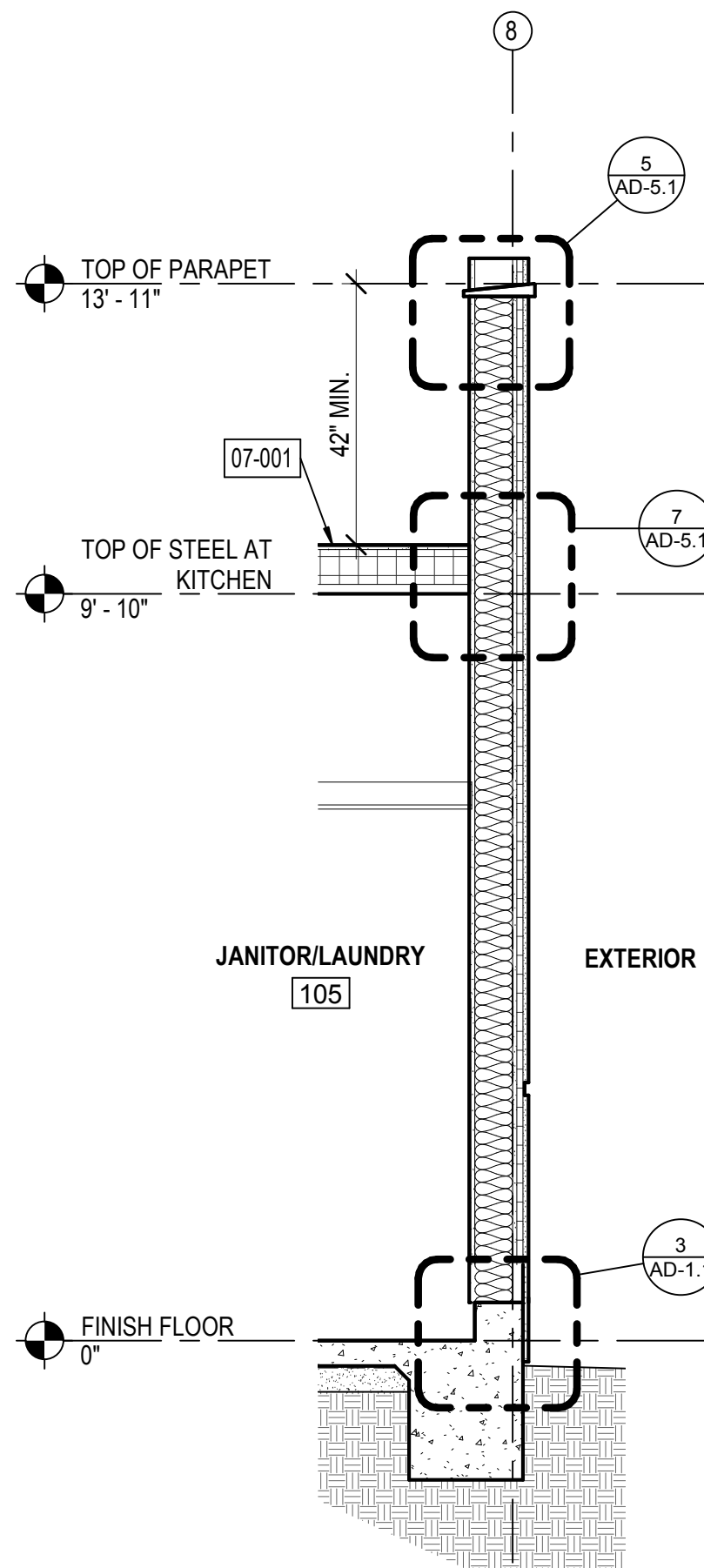
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



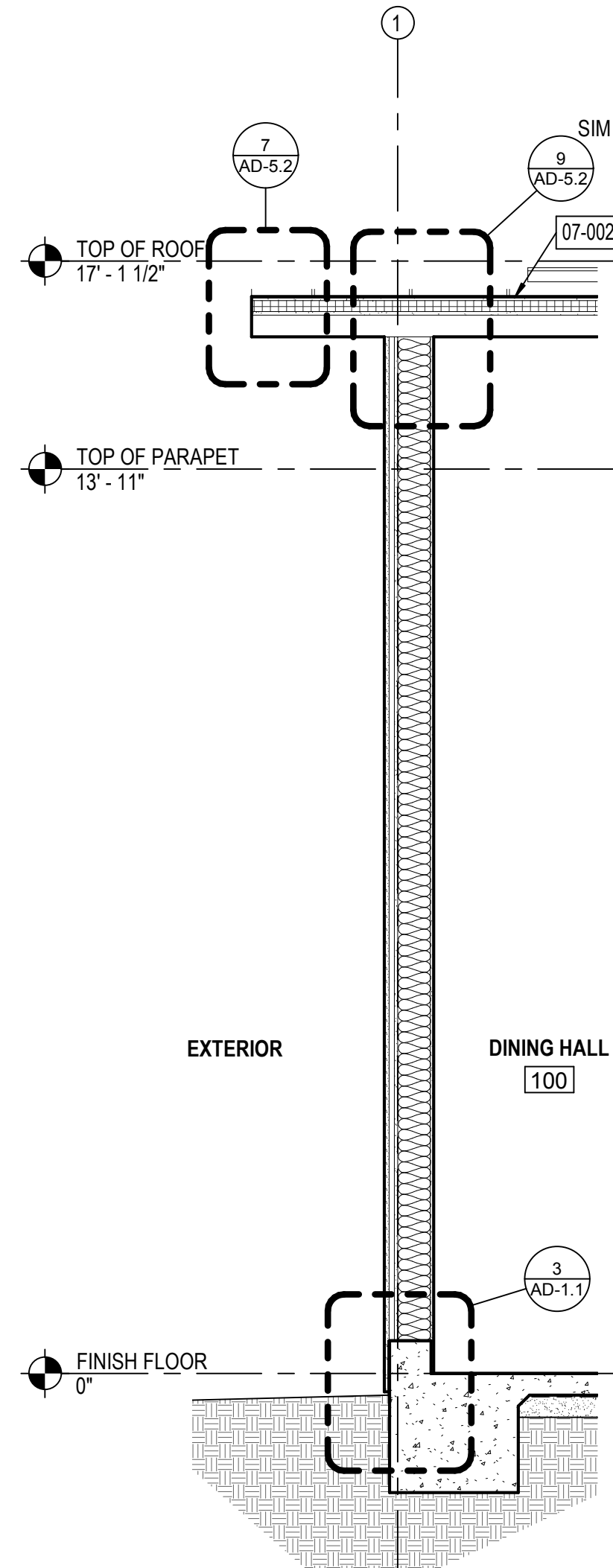
1 WALL SECTION 2.2
1/2" = 1'-0"



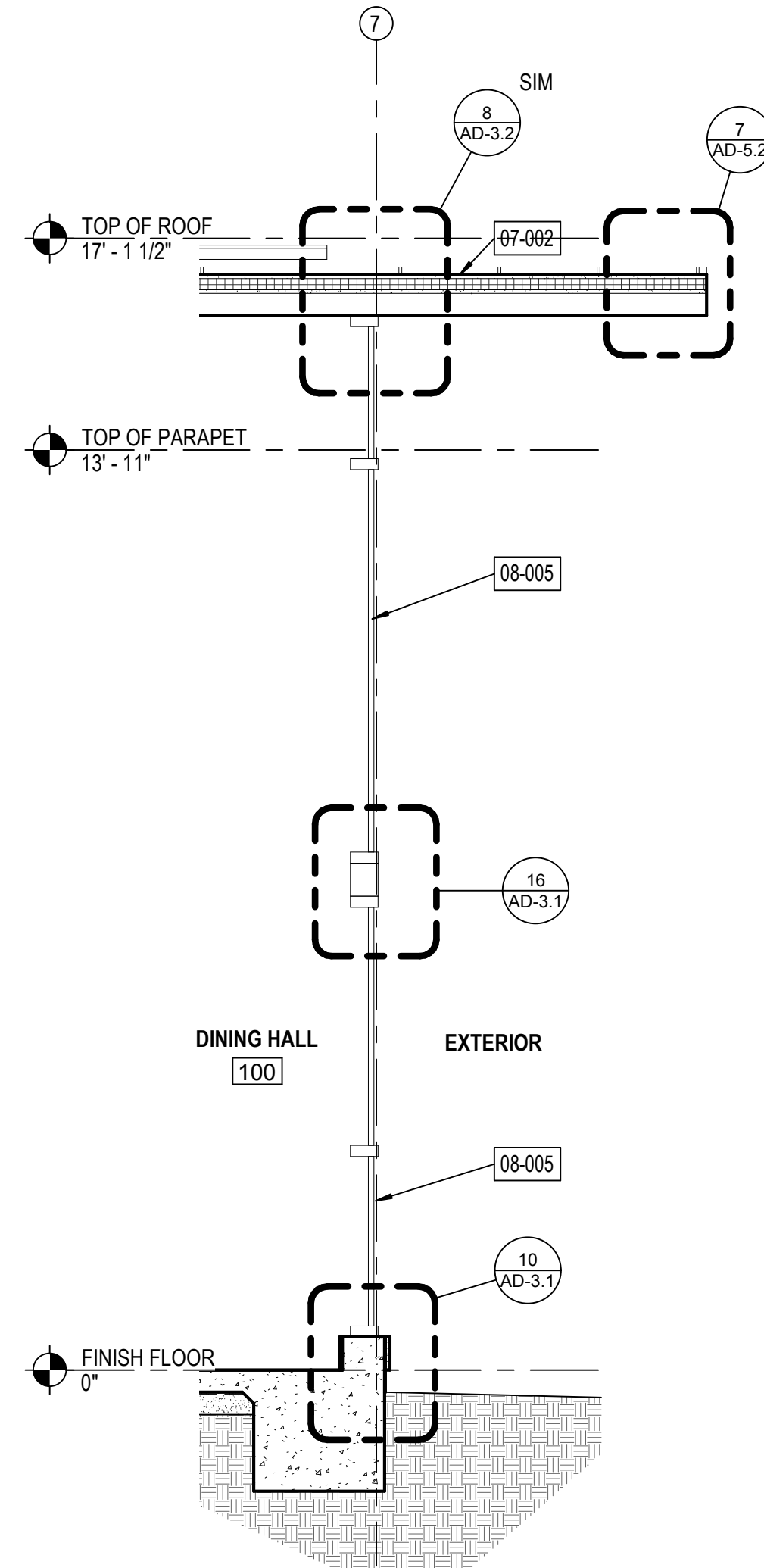
2 WALL SECTION 2.3
1/2" = 1'-0"



3 WALL SECTION 3
1/2" = 1'-0"



4 WALL SECTION 4.1
1/2" = 1'-0"



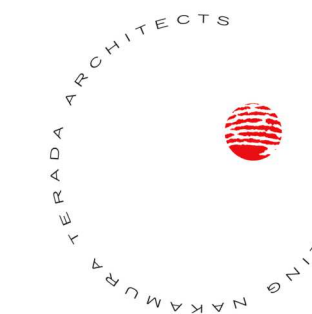
5 WALL SECTION 4.2
1/2" = 1'-0"

KEYNOTES

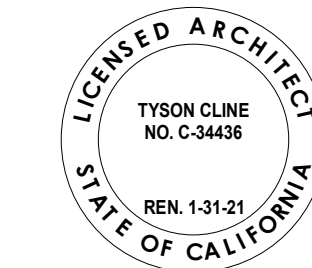
- 07-001 MODIFIED BITUMEN ROOFING, REFER TO 19/AD-5.1 FOR BASE PLY FASTENING PATTERN
- 07-002 STANDING SEAM METAL ROOF
- 08-005 STOREFRONT SYSTEM, REFER TO A-1.1
- 08-006 WINDOW, REFER TO WINDOW SCHEDULE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

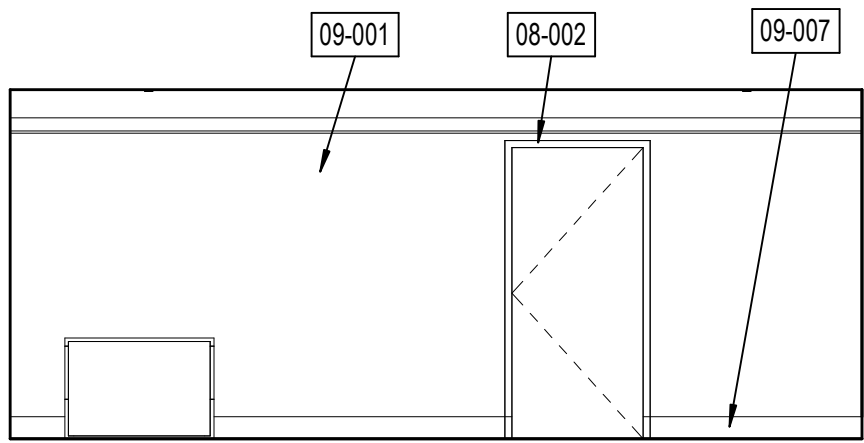
WALL SECTIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	MB
Checked by	TB
Sheet Number	

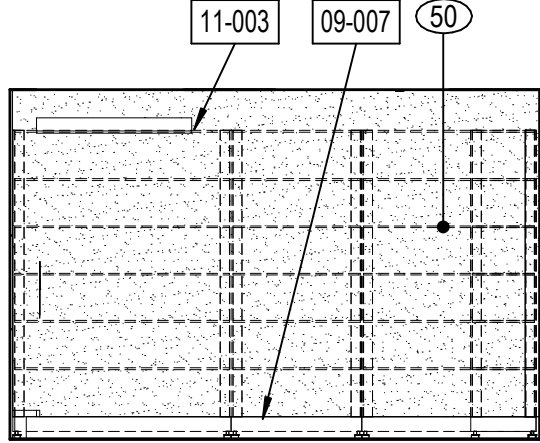
A-3.4

7/19/2019 10:55:29 AM

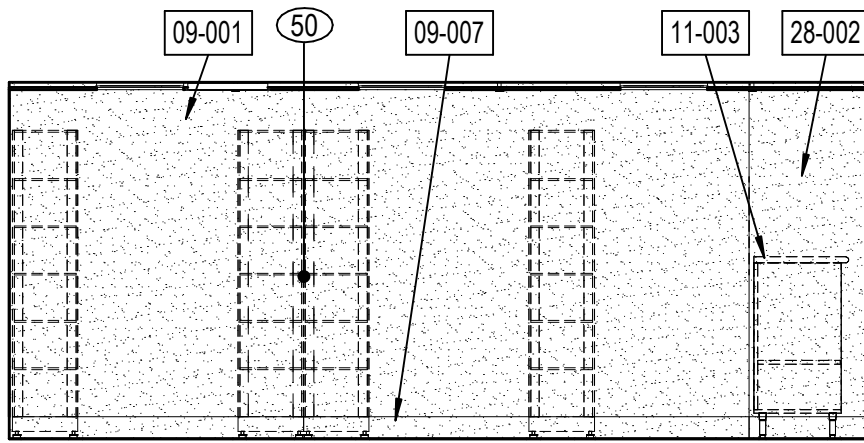
All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



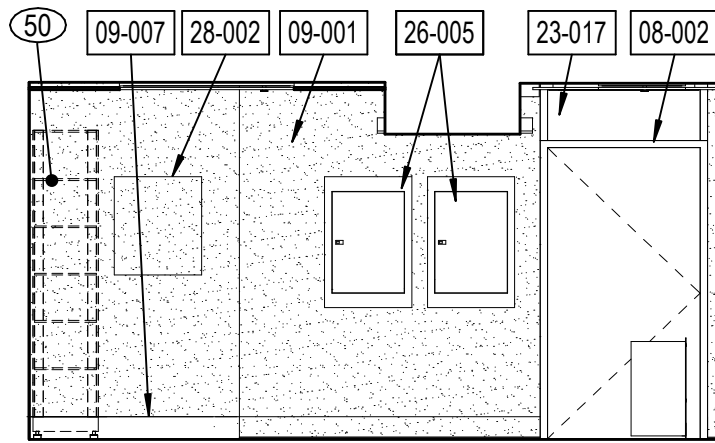
1 DRY STORAGE - NORTH
1/4" = 1'-0"



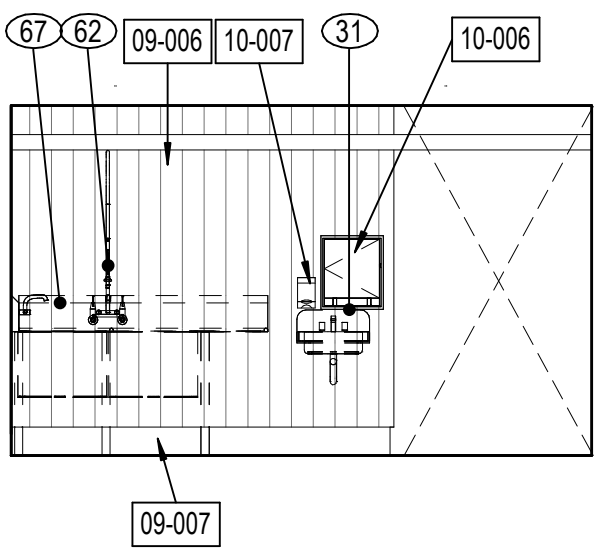
2 DRY STORAGE - EAST
1/4" = 1'-0"



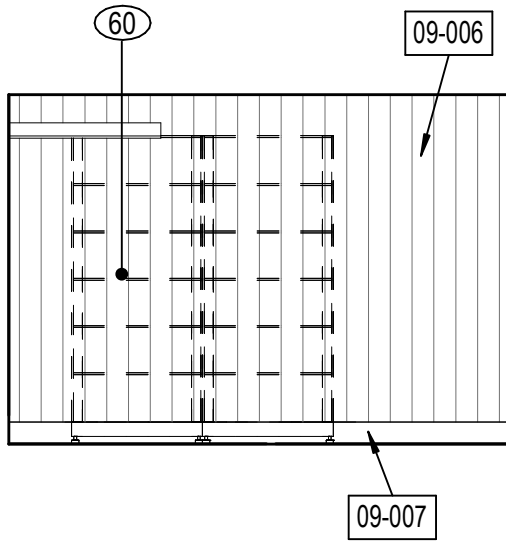
3 DRY STORAGE - SOUTH
1/4" = 1'-0"



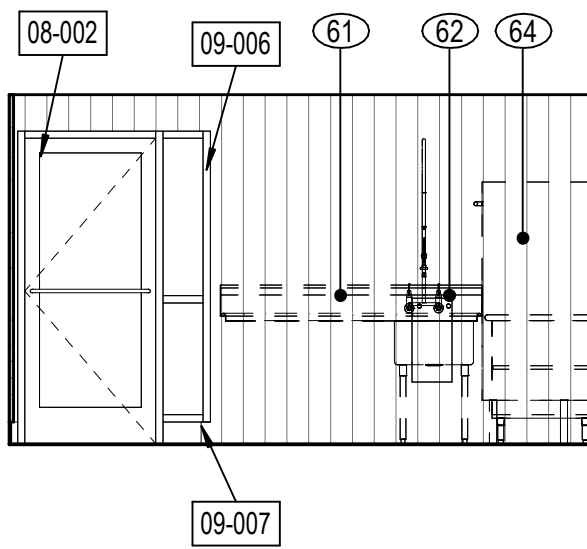
4 DRY STORAGE - WEST
1/4" = 1'-0"



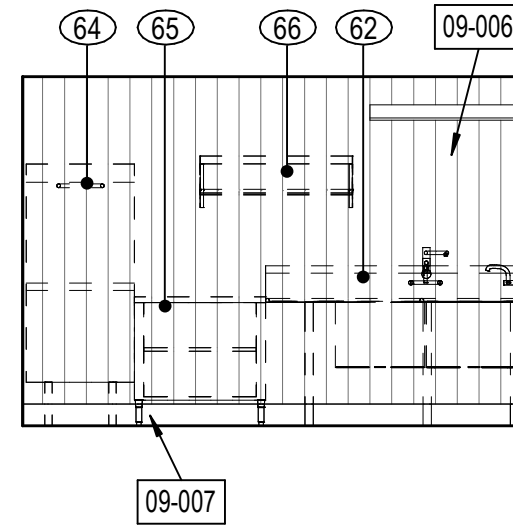
5 WAREWASHING - NORTH
1/4" = 1'-0"



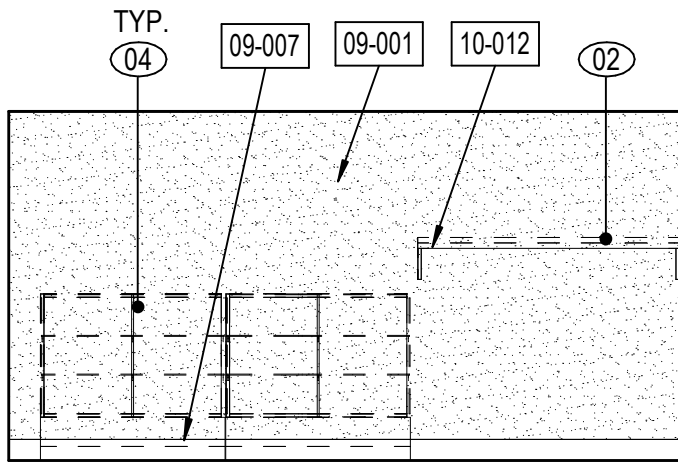
6 WAREWASHING - EAST
1/4" = 1'-0"



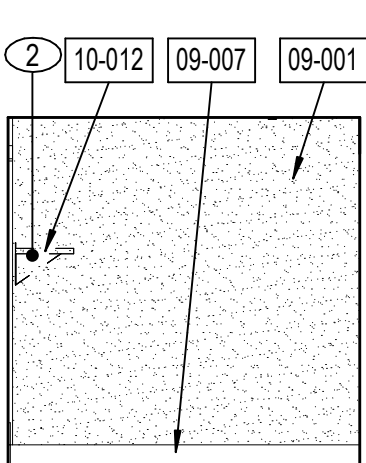
7 WAREWASHING - SOUTH
1/4" = 1'-0"



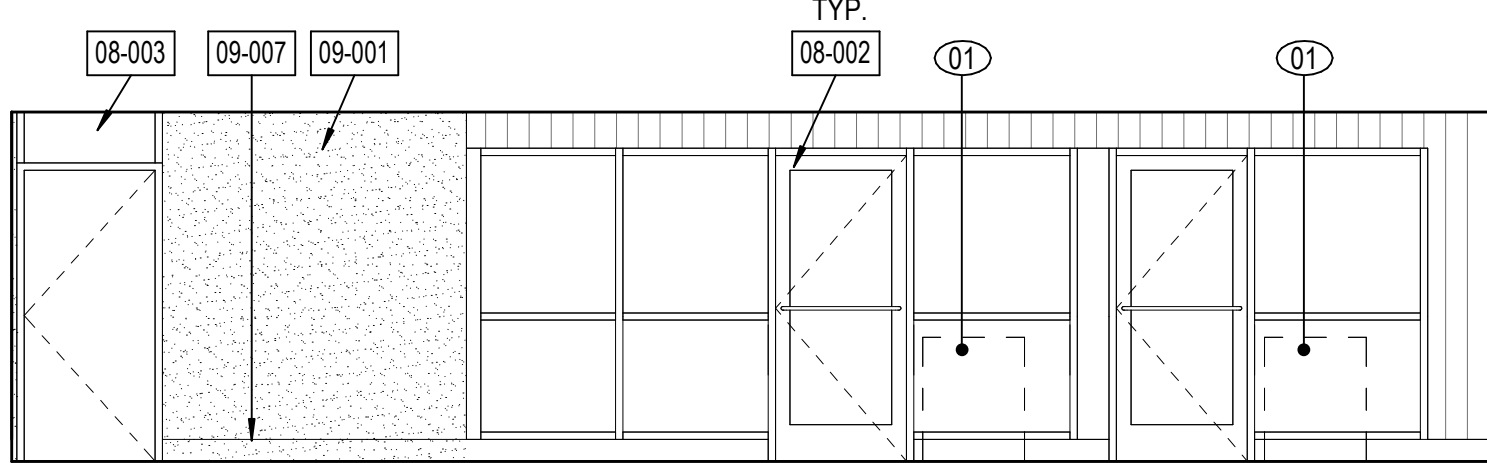
8 WAREWASHING - WEST
1/4" = 1'-0"



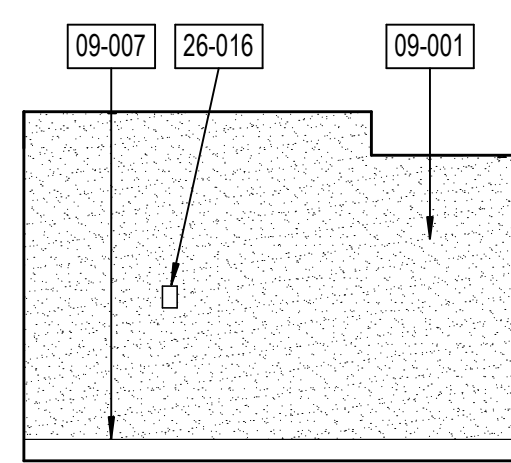
9 PACKAGED FOOD SHOP AND
103 - OPEN FOOD SERVICE - NORTH
1/4" = 1'-0"



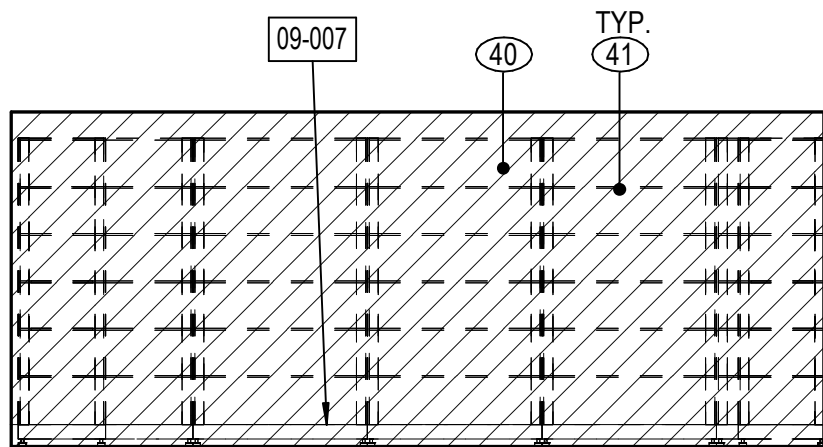
10 PACKAGED FOOD SHOP AND
OPEN FOOD SERVICE - EAST
1/4" = 1'-0"



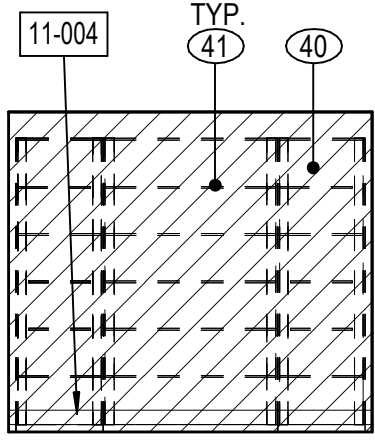
11 PACKAGED FOOD SHOP AND
OPEN FOOD SERVICE - SOUTH
1/4" = 1'-0"



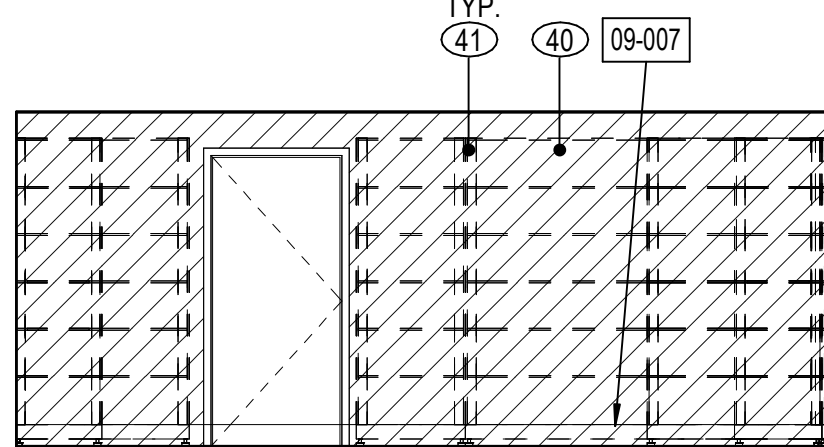
12 PACKAGED FOOD SHOP AND
OPEN FOOD SERVICE - WEST
1/4" = 1'-0"



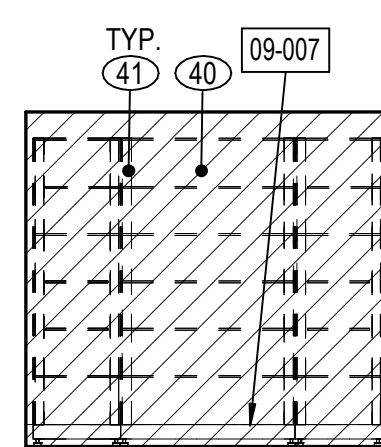
13 WALK IN FREEZER - NORTH
1/4" = 1'-0"



14 WALK IN FREEZER - EAST
1/4" = 1'-0"



15 WALK IN FREEZER - SOUTH
1/4" = 1'-0"



16 WALK IN FREEZER - WEST
1/4" = 1'-0"

GENERAL NOTES

- REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
- ALL ITEMS ARE NEW U.N.O.

KEYNOTES

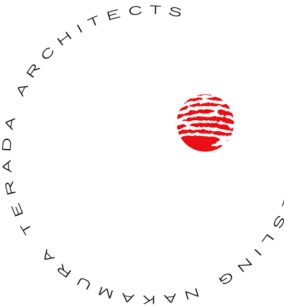
- 08-002 DOOR, REFER TO A-5.1
08-003 HOLLOW METAL DOOR, PAINT, REFER TO DOOR SCHEDULE
09-001 GYPSUM BOARD, PAINT, REFER TO FINISH SCHEDULE
09-006 FIBERGLASS REINFORCED PLASTIC(FRP) PANEL
09-007 INTEGRAL FLOORING COVE BASE
10-006 PAPER TOWEL DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
10-007 SOAP DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
10-012 WALL MOUNTED SHELVING, REFER TO 15/AD-1.1 FOR BACKING AND A-1.4
11-003 FOOD SERVICE EQUIPMENT, REFER TO A-1.4
11-004 COOLER MANUFACTURER STANDARD EMBOSSED GALVANIZED STEEL PANEL, REFER TO EQUIPMENT SCHEDULE
23-017 AIR CURTAIN, REFER TO MECHANICAL DRAWINGS
26-005 ELECTRICAL PANEL, REFER TO ELECTRICAL
26-016 BRACKET FOR WALL MOUNTED PHONE, 48" MAXIMUM A.F.F. REFER TO E401
28-002 FIRE ALARM PANEL, REFER TO FIRE ALARM DRAWINGS

LEGEND

- FIBERGLASS REINFORCED PANEL (FRP), REFER TO A-5.3
FOOD SERVICE EQUIPMENT, REFER TO A-1.4
WALK-IN COOLER EMBOSSED METAL PANEL
GYPSUM BOARD
20 GA. STAINLESS STEEL PANELS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

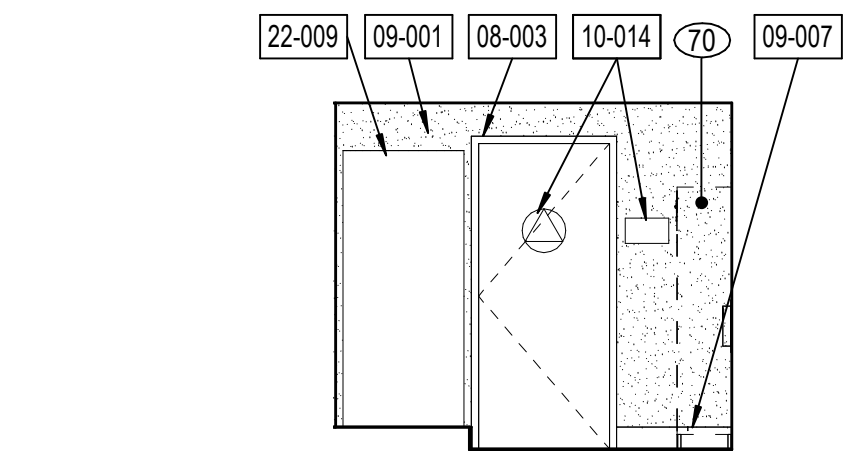
INTERIOR
ELEVATIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

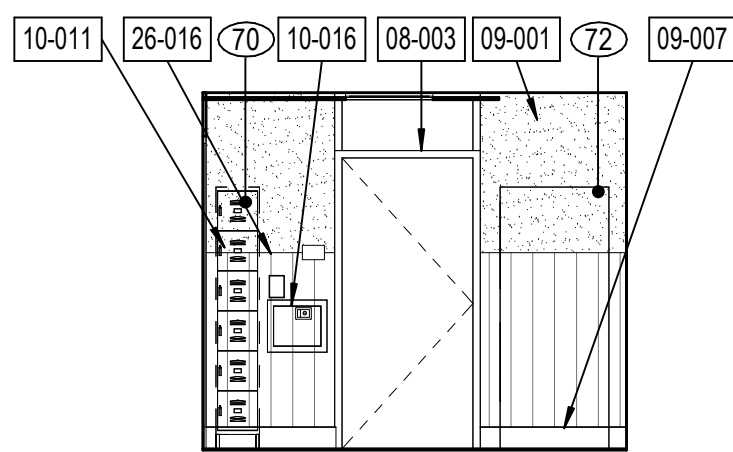
A-4.1

7/19/2019 10:48:18 AM

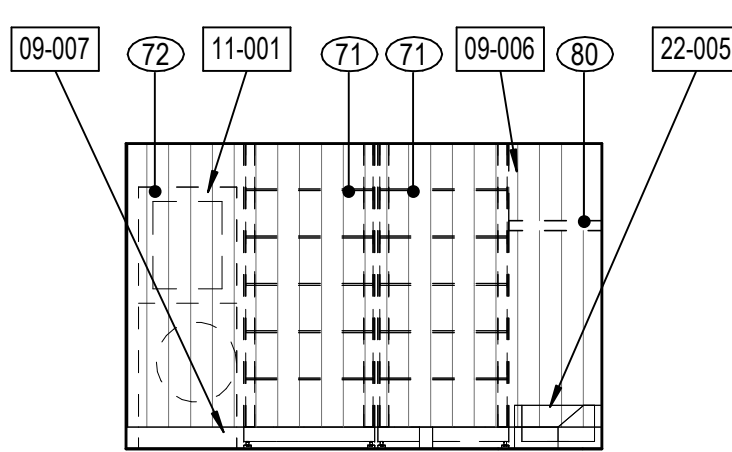
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



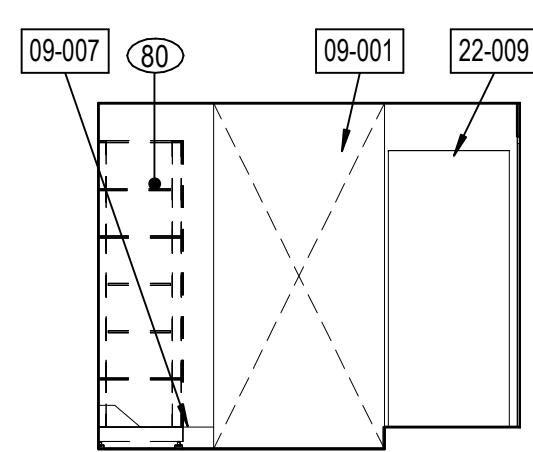
1 JANITOR/LAUNDRY - NORTH
1/4" = 1'-0"



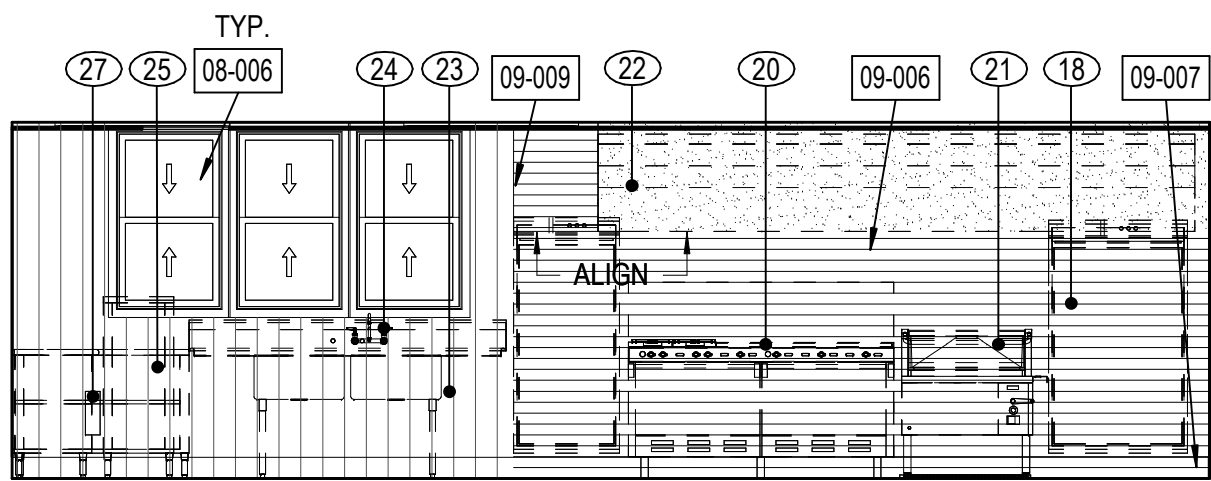
2 JANITOR/LAUNDRY - EAST
1/4" = 1'-0"



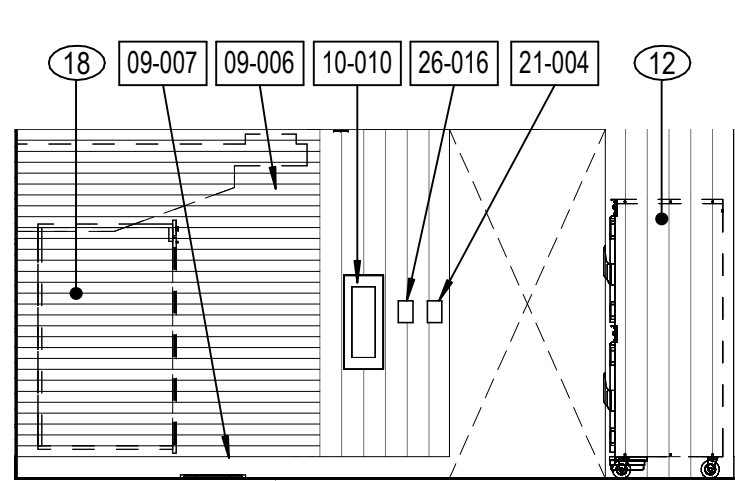
3 JANITOR/LAUNDRY - SOUTH
1/4" = 1'-0"



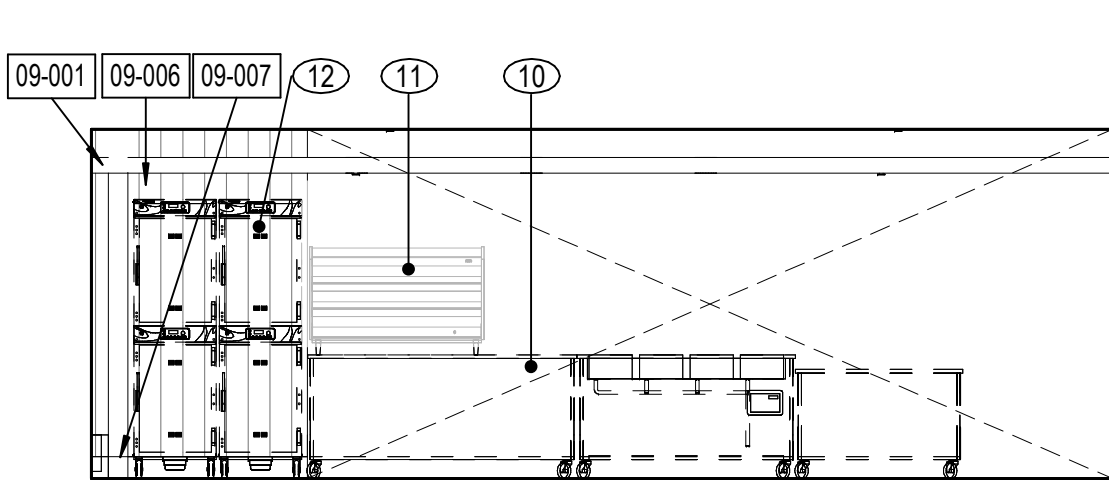
4 JANITOR/LAUNDRY - WEST
1/4" = 1'-0"



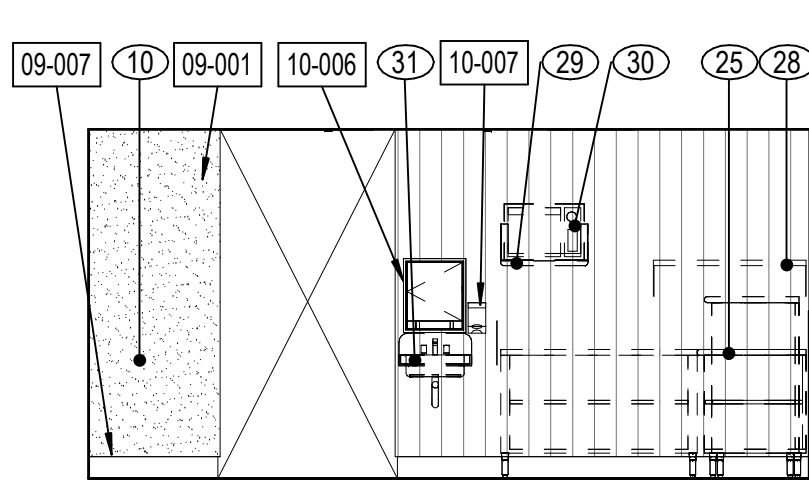
5 KITCHEN - NORTH
1/4" = 1'-0"



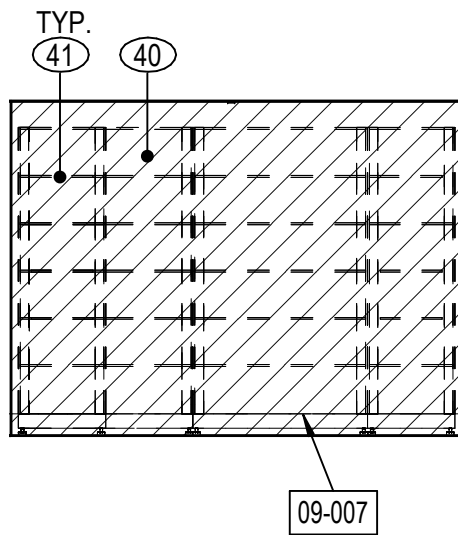
6 KITCHEN - EAST
1/4" = 1'-0"



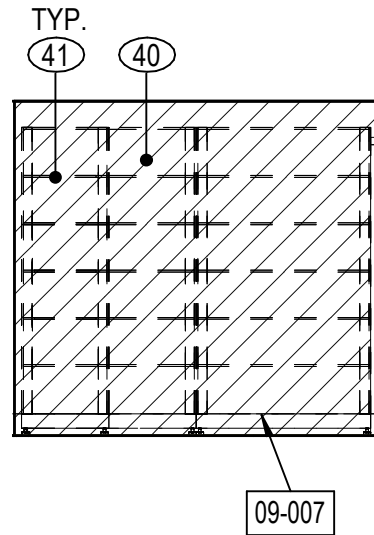
7 KITCHEN SOUTH
1/4" = 1'-0"



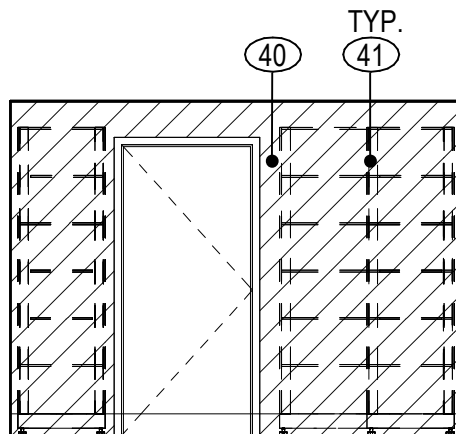
8 KITCHEN - WEST
1/4" = 1'-0"



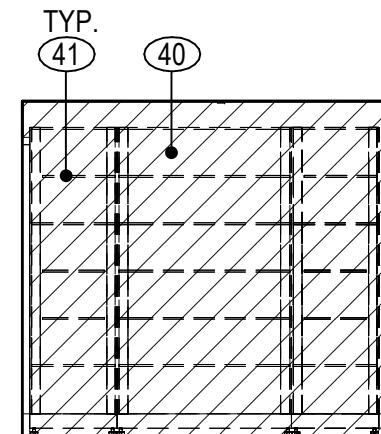
9 WALK IN REFRIGERATOR - NORTH
1/4" = 1'-0"



10 WALK IN REFRIGERATOR - EAST
1/4" = 1'-0"



11 WALK IN REFRIGERATOR - SOUTH
1/4" = 1'-0"



12 WALK IN REFRIGERATOR - WEST
1/4" = 1'-0"

GENERAL NOTES

- REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
- REFER TO CASEWORK DETAILS FOR MORE INFORMATION.
- ALL ITEMS ARE NEW U.N.O.

KEYNOTES

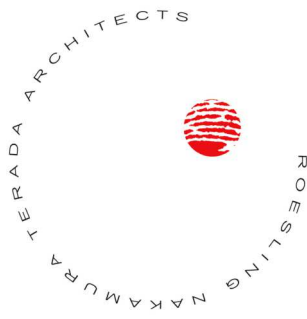
- 08-003 HOLLOW METAL DOOR, PAINT, REFER TO DOOR SCHEDULE
08-006 WINDOW, REFER TO WINDOW SCHEDULE
09-001 GYPSUM BOARD, PAINT, REFER TO FINISH SCHEDULE
09-006 FIBERGLASS REINFORCED PLASTIC(FRP) PANEL
09-007 INTEGRAL FLOORING COVE BASE
09-009 SOFFIT, REFER TO 15/AD-4.2
10-006 PAPER TOWEL DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
10-007 SOAP DISPENSER, SURFACE MOUNTED, ACCESSIBLE, REFER TO 5/AD-7.1
10-010 FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET, UL RATED 2-A-10-B-C U.N.O., REFER TO DETAIL 10/AD-1.1
10-011 METAL LOCKERS, ACCESSIBLE, REFER TO 18/AD-7.1
10-014 SIGNAGE, REFER TO SIGNAGE SCHEDULE
10-016 WALL MOUNTED SAFE, MAX 48" TO OPERABLE PART
11-001 CLOTHES WASHER, REFER TO MECHANICAL
21-004 PULL STATION FOR HOOD FIRE SUPPRESSION SYSTEM, MAX 48 INCHES A.F.F.
22-005 CORNER MOP SINK, REFER TO PLUMBING DRAWINGS
22-009 WATER HEATER, REFER TO PLUMBING DRAWINGS
26-016 BRACKET FOR WALL MOUNTED PHONE, 48" MAXIMUM A.F.F. REFER TO E401

LEGEND

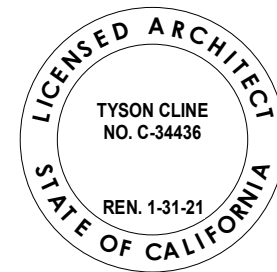
- FIBERGLASS REINFORCED PANEL (FRP); REFER TO A-5.3
- FOOD SERVICE EQUIPMENT, REFER TO A-1.4
- WALK-IN COOLER EMBOSSED METAL PANEL
- GYPSUM BOARD
- 20 GA. STAINLESS STEEL PANELS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

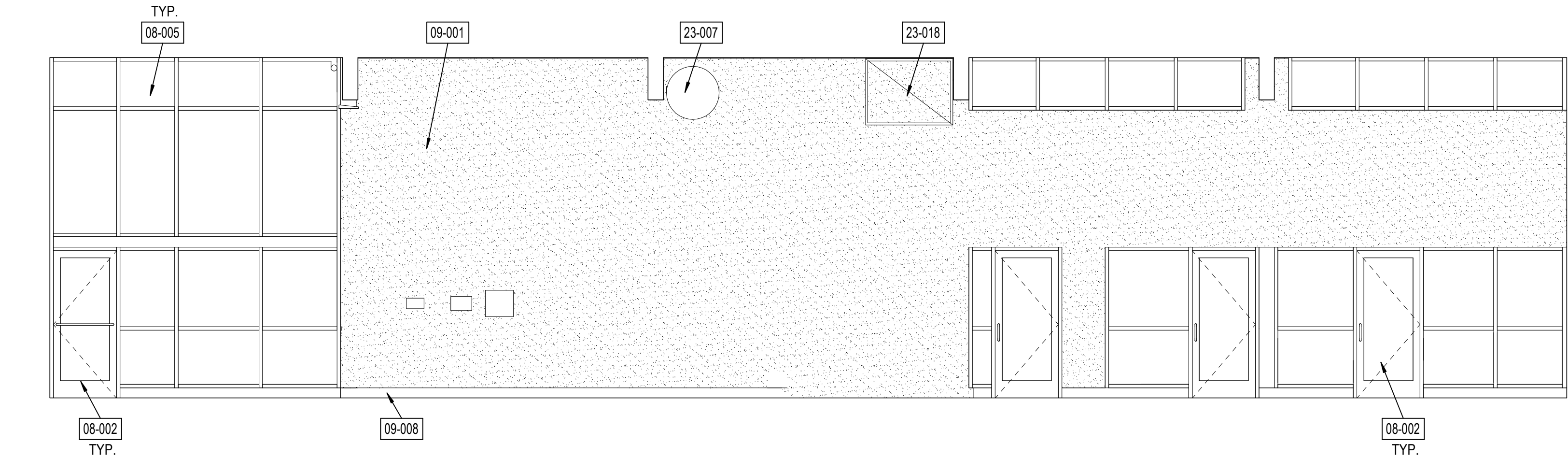
INTERIOR
ELEVATIONS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

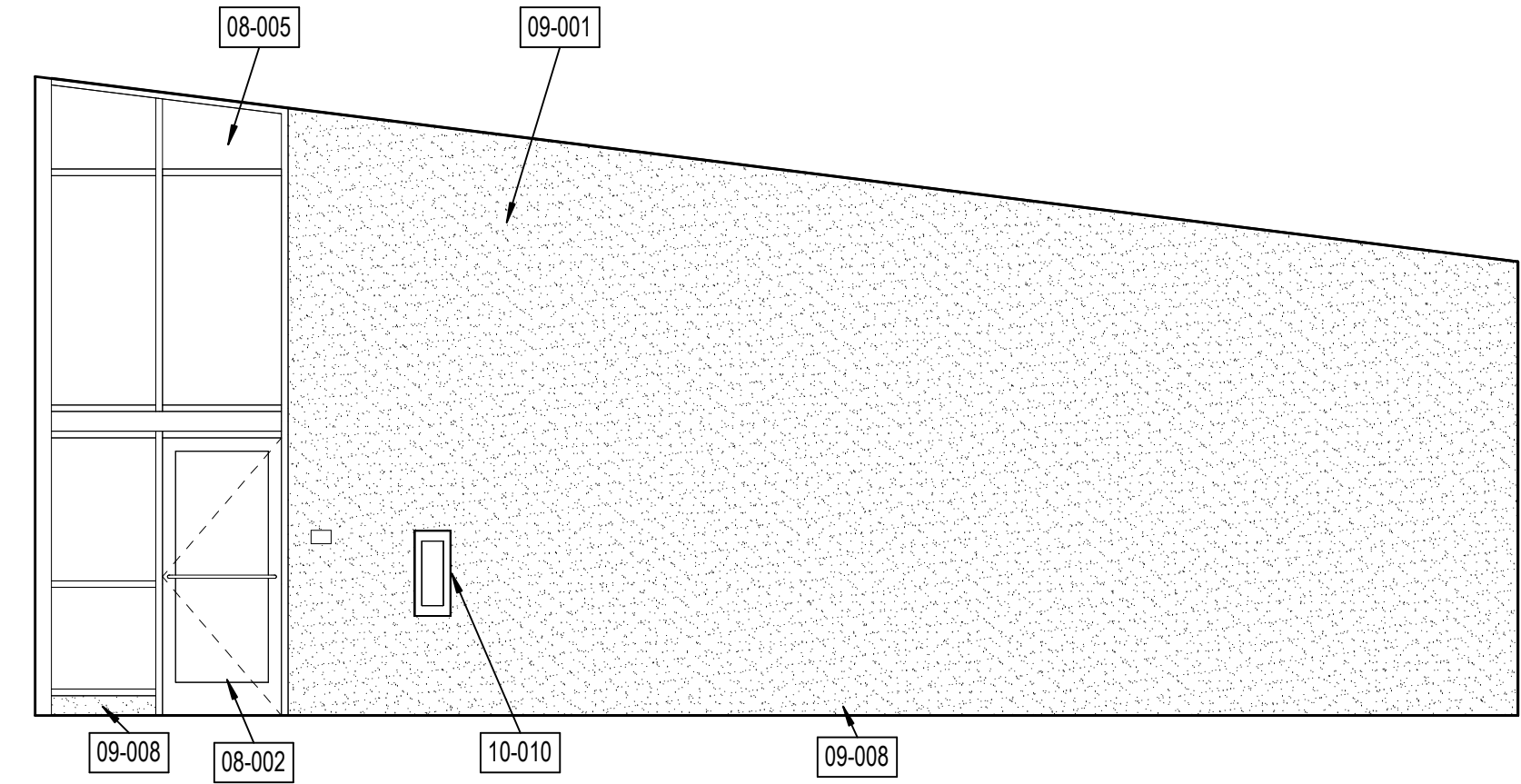
A-4.2

7/19/2019 10:49:17 AM

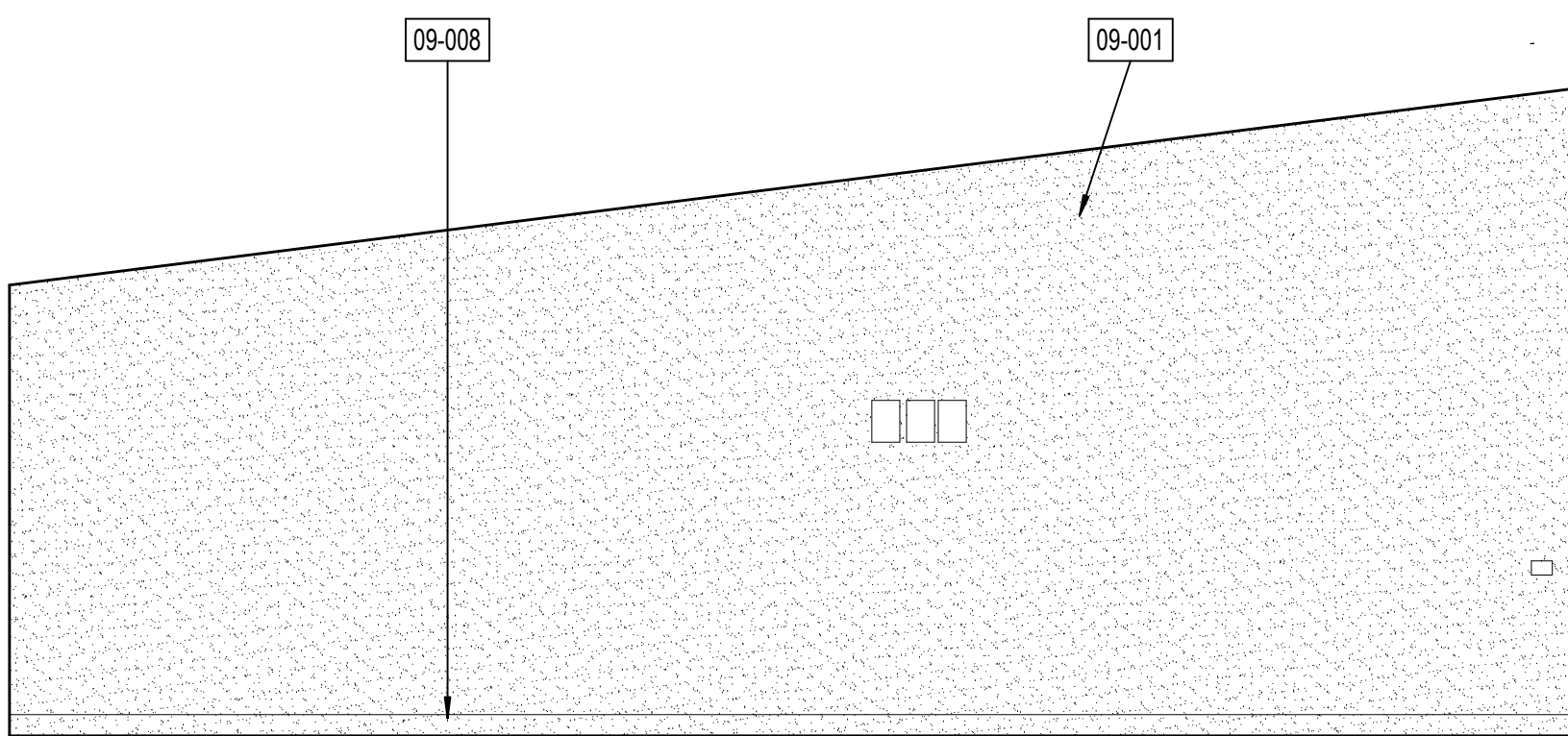
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



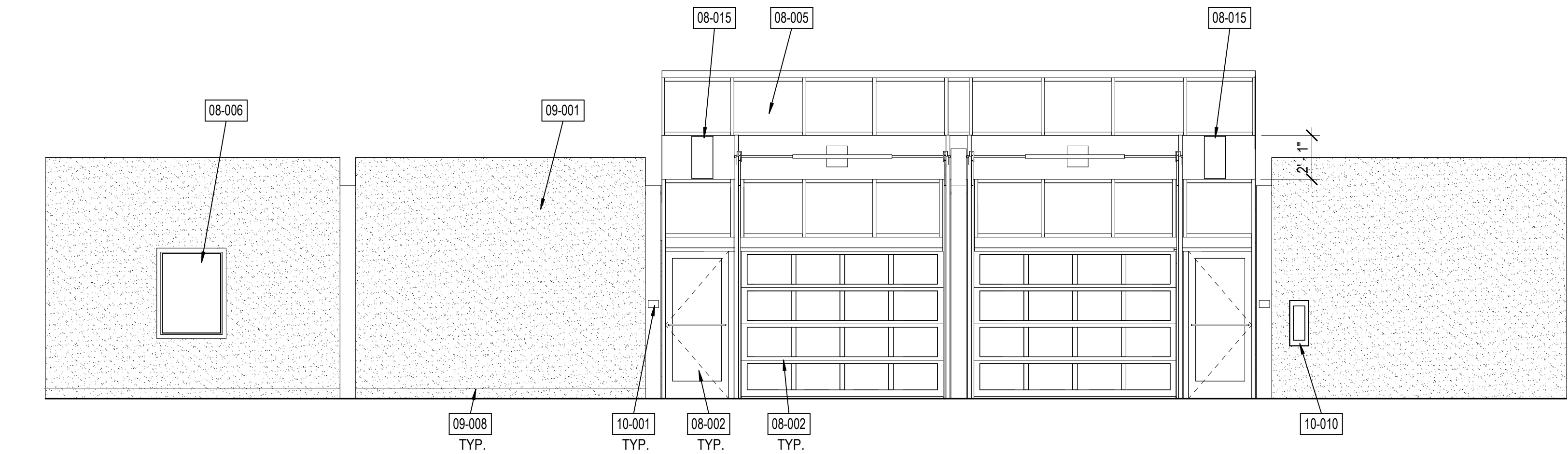
① DINING ROOM - NORTH
1/4" = 1'-0"



② DINING ROOM - EAST
1/4" = 1'-0"



④ DINING ROOM - WEST
1/4" = 1'-0"



③ DINING ROOM - SOUTH
1/4" = 1'-0"

GENERAL NOTES

1. REFER TO INTERIOR FINISH SCHEDULE FOR MORE INFORMATION.
2. REFER TO CASEWORK DETAILS FOR MORE INFORMATION.
3. ALL ITEMS ARE NEW U.N.O.

KEYNOTES

- | | |
|--------|---|
| 08-002 | DOOR, REFER TO A-5.1 |
| 08-005 | STOREFRONT SYSTEM, REFER TO A-1.1 |
| 08-006 | WINDOW, REFER TO WINDOW SCHEDULE |
| 08-015 | OPERATOR FOR SECTIONAL DOOR |
| 09-001 | GYPSUM BOARD, PAINT. REFER TO FINISH SCHEDULE |
| 09-008 | WALL BASE, REFER TO A-5.3 TYP. |
| 10-001 | SIGNAGE, REFER TO SIGNAGE SCHEDULE ON A-1.1 |
| 10-010 | FIRE EXTINGUISHER IN SEMI-RECESSED FIRE EXTINGUISHER CABINET, UL RATED 2-A-10-B-C U.N.O., REFER TO DETAIL 10/AD-1.1 |
| 23-007 | MECHANICAL DUCT, REFER TO MECHANICAL DRAWINGS |
| 23-018 | RETURN AIR GRILLE, REFER TO MECHANICAL DRAWINGS |

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name
**INTERIOR
ELEVATIONS**

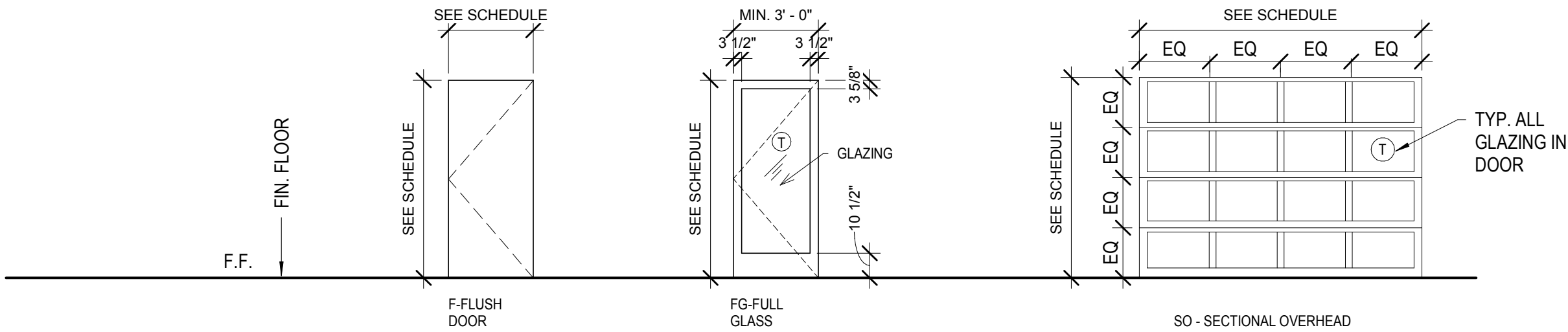
RNT Job No. 17759.04
Date 02/04/2019
Drawn by EV
Checked by MB
Sheet Number

A-4.3

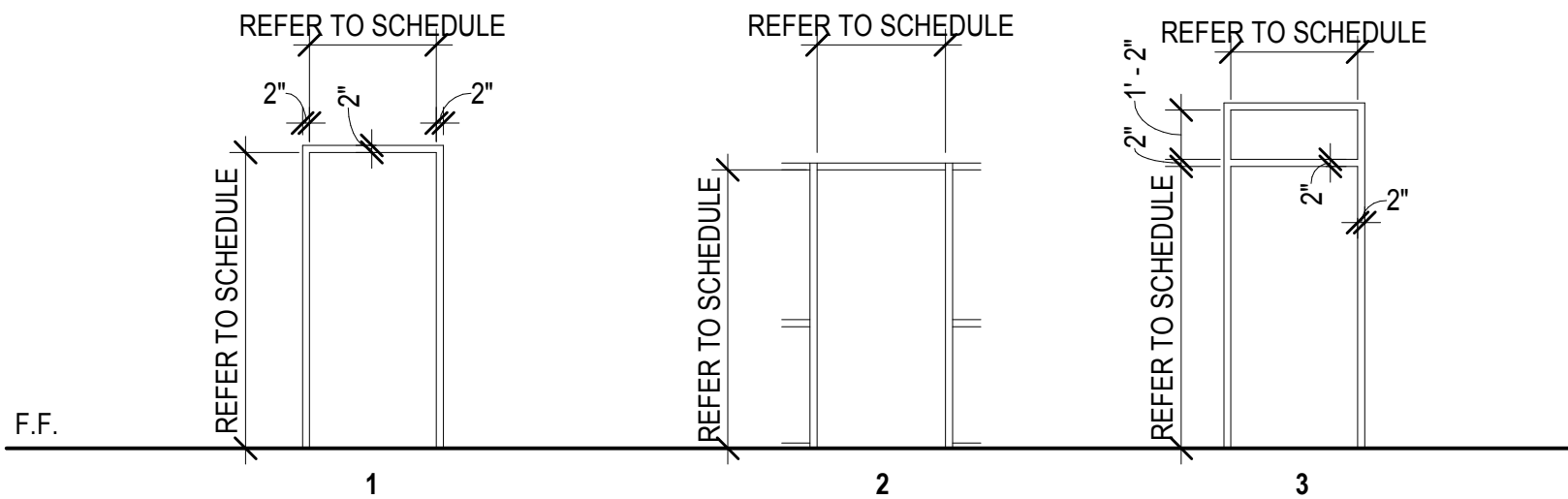
7/19/2019 10:50:23 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

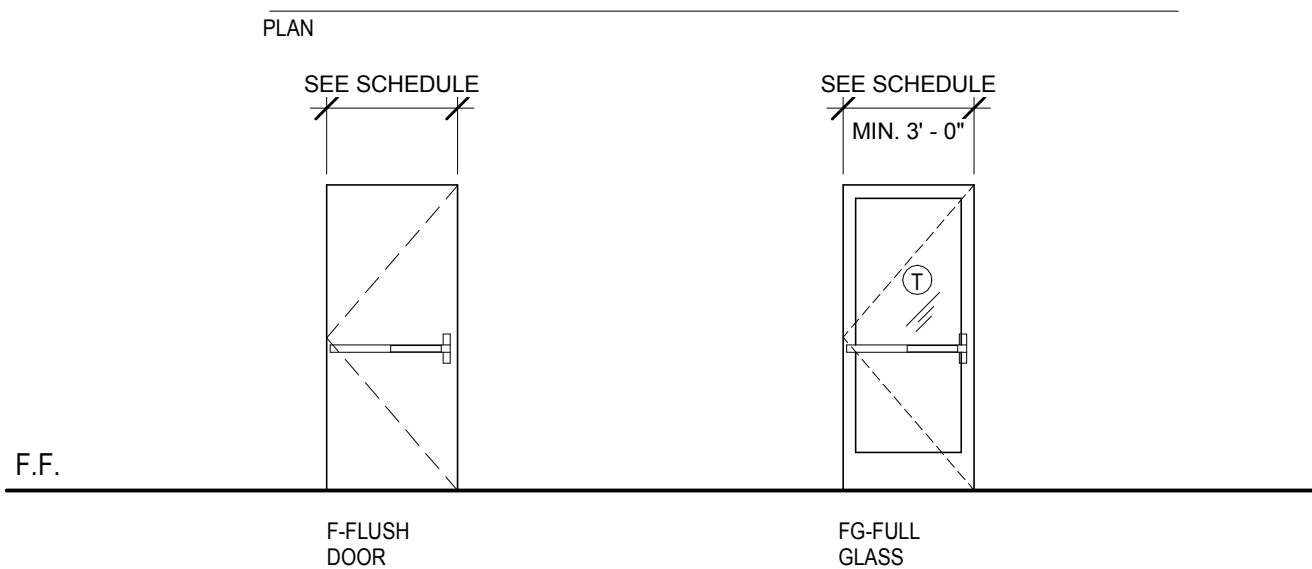
DOOR SCHEDULE																
TW	LOCATION	WIDTH	HEIGHT	THICKNESS	DOOR			HDW SET	DETAIL			FRAME			REMARKS	
					TYPE	MATERIAL	FINISH		HEAD	JAMB	SILL	TYPE	MATERIAL	FINISH		
100A	DINING HALL	36"	84"	1 3/4"	FG	AL/T	AN	01	17/AD-3.1	15/AD-3.1	14/AD-3.1	2	AL	AN	1, 2, 4, 5	
100B	DINING HALL	36"	84"	1 3/4"	FG	AL/T	AN	01	17/AD-3.1	15/AD-3.1 / 8/AD-2.1	14/AD-3.1	2	AL	AN	1, 2, 4	
100C	DINING HALL	36"	84"	1 3/4"	FG	AL/T	AN	01	17/AD-3.1	15/AD-3.1 / 8/AD-2.1	14/AD-3.1	2	AL	AN	1, 2, 4	
100D	DINING HALL	36"	84"	1 3/4"	FG	AL/T	AN	01	17/AD-3.1	15/AD-3.1	14/AD-3.1	2	AL	AN	1, 2, 4	
100E	DINING HALL	113"	84"	3"	SO	STL/T	FA	-	20/AD-2.1	8/AD-2.1 / 9/ AD-2.1	-	-	-	-	-	
100F	DINING HALL	113"	84"	3"	SO	STL/T	FA	-	20/AD-2.1	8/AD-2.1 / 9/ AD-2.1	-	-	-	-	-	
101A	DRY STORAGE	42"	80"	1 3/4"	F	HM	PT	02	2/AD-2.1 SIM	2/AD-2.1	5/AD-2.1	3	HM	PT	4, 1	
102A	WAREWASHING	36"	84"	1 3/4"	FG	AL/T	AN	05	6/AD-3.1	3/AD-3.1	-	2	AL	AN	2	
103A	OPEN FOOD SERVICE	36"	84"	1 3/4"	FG	AL/T	AN	05	6/AD-3.1	8/AD-3.1	-	2	AL	AN	2	
103B	OPEN FOOD SERVICE	36"	84"	1 3/4"	FG	AL/T	AN	05	6/AD-3.1	-	-	2	AL	AN	2	
104A	PACKAGED FOOD SHOP	36"	80"	1 3/4"	F	HM	PT	03	2/AD-2.1 SIM	2/AD-2.1	5/AD-2.1	3	HM	PT	4, 5	
105A	LAUNDRY/OFFICE	36"	80"	1 3/4"	F	HM	PT	02	2/AD-2.1 SIM	2/AD-2.1	5/AD-2.1	3	HM	PT	4, 5, 1	
106A	RESTROOM	36"	84"	1 3/4"	F	SC WD	PT	06	1/AD-2.1	1/AD-2.1	10/AD-2.1	1	HM	PT	3	
110A	FIRE RISER	36"	84"	1 3/4"	F	HM	PT	04	2/AD-2.1	2/AD-2.1	5/AD-2.1	1	HM	PT	6	



DOOR TYPE



DOOR FRAME TYPE



PANIC HARDWARE APPLICATIONS

GENERAL NOTES

- VERIFY REQUIRED FRAME THICKNESS WITH ALL WALL TYPES.
- PAINT ALL HOLLOW METAL DOOR FRAMES, METAL DOORS, METAL PANELS, AND WOOD DOORS.
- REFER TO HARDWARE SET AND SPECIFICATIONS FOR A COMPLETE LIST OF HARDWARE TO BE PROVIDED.
- FIELD VERIFY ALL DOOR AND WINDOW OPENINGS PRIOR TO FABRICATION OF DOOR FRAMES.
- MAXIMUM EFFORT TO OPERATE GATES AND DOORS SHALL NOT EXCEED 5 LBS. FOR EXTERIOR GATES AND DOORS AND 5 LBS. FOR INTERIOR DOORS. SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED GATES AND DOORS AND AT THE ENTER PLANE OF SLIDING OR FOLDING DOORS. COMPENSATION DEVICE OR AUTO DOOR OPERATOR MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. THE AUTHORITY HAVING JURISDICTION MAY INCREASE THE MAXIMUM EFFORT TO OPERATE FIRE DOORS TO ACHIEVE POSITIVE LATCHING, BUT NOT TO EXCEED 15 LBS. MAXIMUM.
- EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHIN ANY SPECIAL TOOLS, EFFORT, OR KNOWLEDGE.
- ANCHOR HOLLOW METAL FRAMES PER MANUFACTURER.
- PROVIDE FLEXIBLE FLASHING.
- ALL GLAZING IN DOORS AND TRANSOMS SHALL BE TEMPERED.
- ALL DOORS SHALL HAVE LEVER HARDWARE UNLESS NOTED OTHERWISE. SEE DOOR SCHEDULE FOR PANIC HARDWARE LOCATION.
- REFER TO AD-701 AND AD-5.4 FOR SIGNAGE TYPE SCHEDULE.
- SEE THE HARDWARE SET AND SPECIFICATIONS, SECTION 087100, FOR A COMPLETE LIST OF HARDWARE TO BE PROVIDED. INSTALL BETWEEN 30" TO 44" A.F.F.
- AUTOMATIC AND POWER-ASSISTED DOORS SHALL COMPLY WITH CBC SECTION 11B-404.3.
- VERIFY STILE WIDTH WITH DOOR MANUFACTURER.

MATERIALS LEGEND

AL	ALUMINUM
FRP	FIBERGLASS REINFORCED POLYMER
GL	GLASS
HM	HOLLOW METAL
T	TEMPERED GLAZING
STL	STEEL
WD	WOOD

FINISH LEGEND

AN	CLEAR ANODIZED
CS	CLEAR SEALER
FA	FACTORY FINISH
HD	HOT-DIPPED GALVANIZED
PA	PAINT
STA	STAIN
①	TEMPERED GLASS (SAFETY GLAZING.) GLAZING SHALL BE CATEGORY II CLASSIFICATION USING CPSC 16 CFR PART 1201.

REMARKS

- PROVIDE PANIC HARDWARE - MOUNT AT 42" A.F.F.
- REFER TO WINDOW SCHEDULE FOR FRAME
- DOOR SHALL BE SELF-CLOSING AND TIGHT-FITTING.
- DOOR SHALL BE SELF-CLOSING.
- PROVIDE WALL STOP.
- PROVIDE FLOOR STOP.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

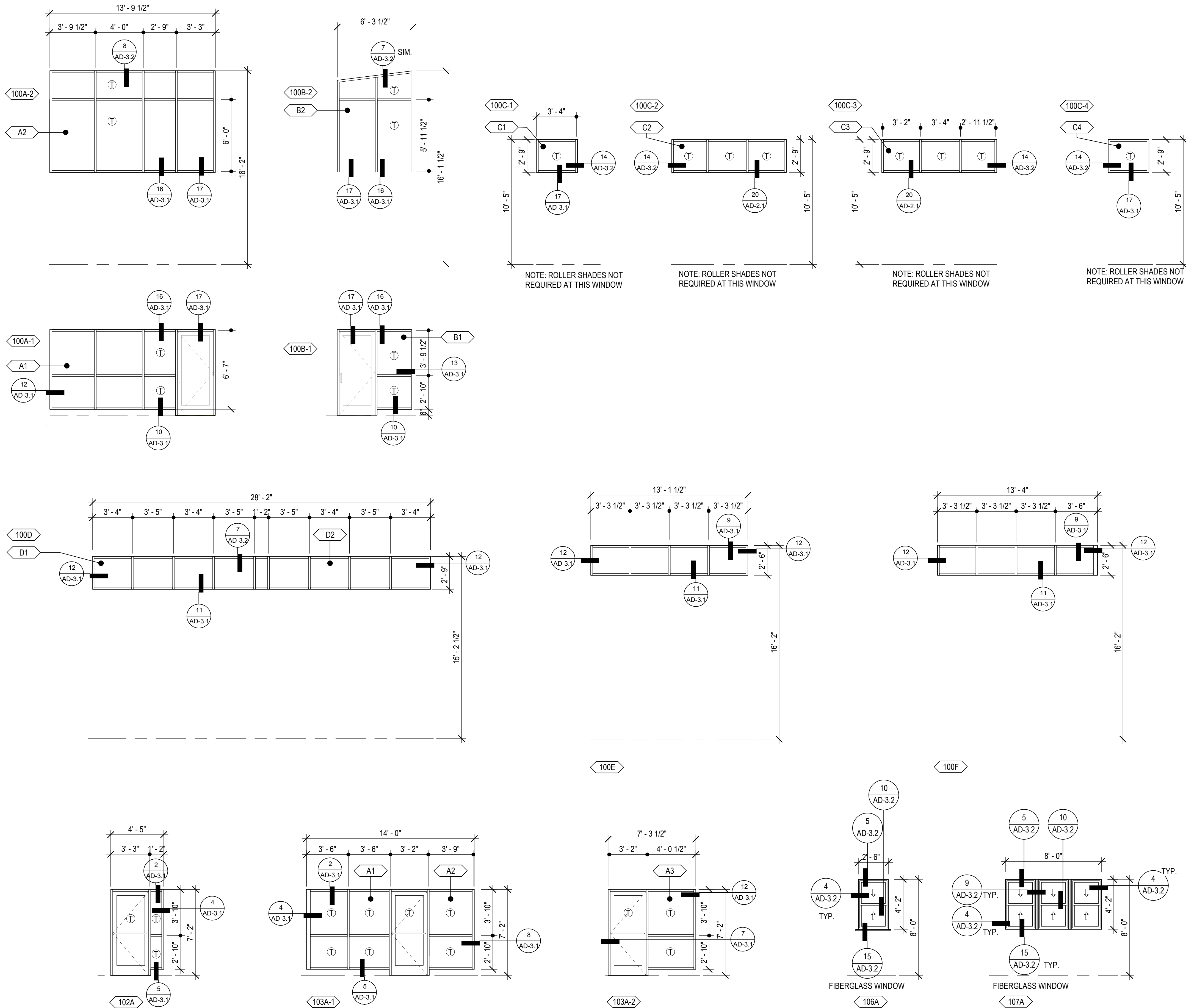
DOOR
SCHEDULE

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

A-5.1

6/29/2019 11:13:06 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



GENERAL NOTES

- FIELD VERIFY ALL DOOR AND WINDOW OPENING DIMENSIONS PRIOR TO FABRICATION.
- ALL INTERIOR GLAZING SHALL BE 1/4" CLEAR GLASS.
- ALL EXTERIOR GLAZING SHALL BE 1" INSULATED TEMPERED GLASS W/ 1/4" TINTED EXTERIOR LOW-E GLASS - 1/2" AIR SPACE - 1/4" CLEAR.
- ALUMINUM STOREFRONT SHALL BE DARK BRONZE ANODIZED.
- SEE DOOR SCHEDULE FOR DOORS.
- OPERABLE WINDOWS SHALL BE SCREENED WITH NOT LESS THAN 16 MESH SCREEN.
- PROVIDE TEMPERED GLASS, WITH LABEL WHEN WITHIN 24" OF A DOOR AND THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60" ABOVE AN ADJACENT WALKING SURFACE. PROVIDE TEMPERED GLAZING WHERE THE AREA OF THE PANE IS GREATER THAN 9 SF, THE BOTTOM EDGE IS LESS THAN 18" A.F.F. AND THE TOP EDGE IS GREATER THAN 36" A.F.F.
- FOR ADDITIONAL REQUIREMENTS REFER TO CBC SECTION 718.1. PARTICULAR 715.4.3.1 SMOKE & DRAFT, 715.3.2 GLASS IN DOORS, 715.4.5.1 LABEL REQUIREMENTS, 715.4.5.3 SMOKE & DRAFT LABEL, 715.4.5.4 FRAME LABEL, 715.4.6.3 GLASS LABEL.
- PROVIDE ROLLER SHADES AT ALL EXTERIOR WINDOWS & STOREFRONT U.O.N.
- ALL EXTERIOR WINDOWS SHALL BE ALUMINUM STOREFRONT UNLESS OTHERWISE NOTED

LEGEND

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

WINDOW SCHEDULE

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

A-5.2

TYP. SCALE: 1/4"= 1'-0"

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

ROOM NUMBER	ROOM NAME	FLOOR		BASE (6" TALL U.N.O.)		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		REMARKS
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH	
100	DINING HALL	CONC	PL	TS	SL	GB	PS	GB	PS	AWP	FA	GB	PS	AMD/ES	FA/ST/SL	
101	DRY STORAGE	RF	FA	RF	FA	GB	PG	GB	PG	GB	PG	GB	PG	APC	FA	2, 3, 6
102	WAREWASHING	RF	FA	RF	FA	FRP	FA	FRP	FA	FRP	FA	FRP	FA	APC	FA	1, 2, 3, 6
103	OPEN FOOD SERVICE	RF	FA	RF	FA	GB	PS	-	-	GB	PS	GB	PS	GB	PS	6
104	PACKAGED FOOD SHOP	RF	FA	RF	FA	GB	PS	GB	PS	GB	PS	-	-	GB	PS	1, 2, 3, 6
105	JANITOR/LAUNDRY	RF	FA	RF	FA	GB	PG	GB	PG	GB/FRP	PG	GB/FRP	PG	APC	FA	1, 2, 3, 6
106	RESTROOM	RF	FA	RF	FA	GB/FRP	PS/FA	GB/FRP	PS/FA	GB/FRP	PS/FA	GB/FRP	PS/FA	APC	FA	2, 3, 6
107	KITCHEN	RF	FA	RF	FA	FRP	FA	GB	FA	GB	FA	FRP	FA	APC	FA	1, 2, 3, 6
108	WALK-IN REFRIGERATOR	RF	FA	RF	FA	IWP	FA	IWP	FA	IWP	FA	IWP	FA	IWP	FA	2, 3, 6
109	WALK-IN FREEZER	RF	FA	RF	FA	IWP	FA	IWP	FA	IWP	FA	IWP	FA	IWP	FA	2, 3, 6
110	FIRE RISER	CONC	SL	TS	SL	GB	PS	GB	PS	GB	PS	GB	PS	APC	FA	

GENERAL NOTES

1.

SEE FLOOR PLAN AND INTERIOR ELEVATIONS FOR MORE INFO.
2.

REFER TO AD-1.2 FOR FLOOR TRANSITIONS AND COVE BASES, TYP.
3.

WALL AND CEILING MATERIALS SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.9.
4.

IN TOILET ROOMS, FLOOR FINISHES SHALL BE SLIP RESISTANT, NON-ABSORBENT AND SLOPED TO FLOOR DRAINS AT MAX 2%.
5.

INTERIOR FINISHES SHALL COMPLY WITH THE REQUIREMENTS FO CHAPTER 8, CALIFORNIA BUILDING AND FIRE CODES, 2016 EDITION.
6.

ALL DECORATIVE MATERIALS SHALL BE MAINTAINED IN A FLAME-RETARDANT CONDITION (C.C.R. T-19, SEC. 1.14, 3.03, 3.21, AND C.F.C. SEC. 807.)
7.

ALL EXPOSED GYPSUM BOARD WALL CORNERS TO HAVE CORNER GUARD, REFER TO 12/AD-1.1

MATERIALS LEGEND

- AMD

ACOUSTIC METAL DECK, REFER TO STRUCTURAL
- APC

ACOUSTICAL PANEL CEILING, WASHABLE, BASIS OF DESIGN ARMSTRONG CLEAN ROOM FL.
- CONC

CONCRETE
- ES

EXPOSED STRUCTURE, REFER TO STRUCTURAL
- EX

EXISTING
- FRP

FIBER REINFORCED PLASTIC
- GB

GYPSUM BOARD
- IWP

INSULATED WALL PANEL
- RB

RUBBER BASE
- RF

RESINOUS FLOORING, URETHANE BASED MORTAR SYSTEM. BASIS OF DESIGN STONHARD 'STONSEAL UT7.' FLOORING SHALL BE SMOOTH UNDER EQUIPMENT AND HAVE LEVEL 2 NONSLIP SURFACE AT TRAFFIC AREAS.

FINISH LEGEND

- FA

FACTORY FINISH
- PS

PAINT - SEMIGLOSS FINISH
- PG

PAINT - GLOSS FINISH
- PL

POLISHED
- SL

CLEAN AND APPLY CLEAR SEALER
- ST

STAIN

REMARKS

1.

FRP FULL HEIGHT.
2.

FLOORING SHALL BE MIN. 3/16" THICK, IMPERVIOUS TO WATER, GREASE, AND ACID.
3.

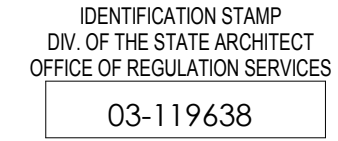
INTEGRAL COVE BASE REQUIRED. COVE BASE SHALL CONTINUE UP WALL FOR 6" WITH A 3/8" RADIUS AT FLOOR/WALL JUNCTION.
4.

WALLS SHALL BE SMOOTH, NON-ABSORBENT, AND EASILY CLEANABLE. WALLS ADJACENT TO SINKS SHALL BE COVERED BY FRP TO A HEIGHT OF 12" ABOVE THE BACKSPLASH.
5.

CEILINGS SHALL BE DURABLE, SMOOTH, NON-ABSORBENT, AND EASILY CLEANABLE.
6.

PROVIDE SMOOTH FLOORING SURFACE UNDER EQUIPMENT, AND LEVEL 2 NON-SLIP SURFACE AT TRAFFIC AREAS.
7.

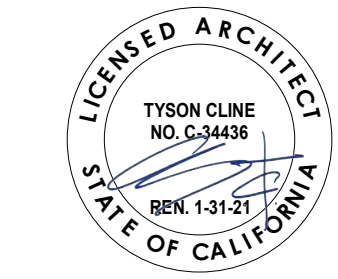
FRP 4' HIGH



ACS_____ FLS_____ SS_____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

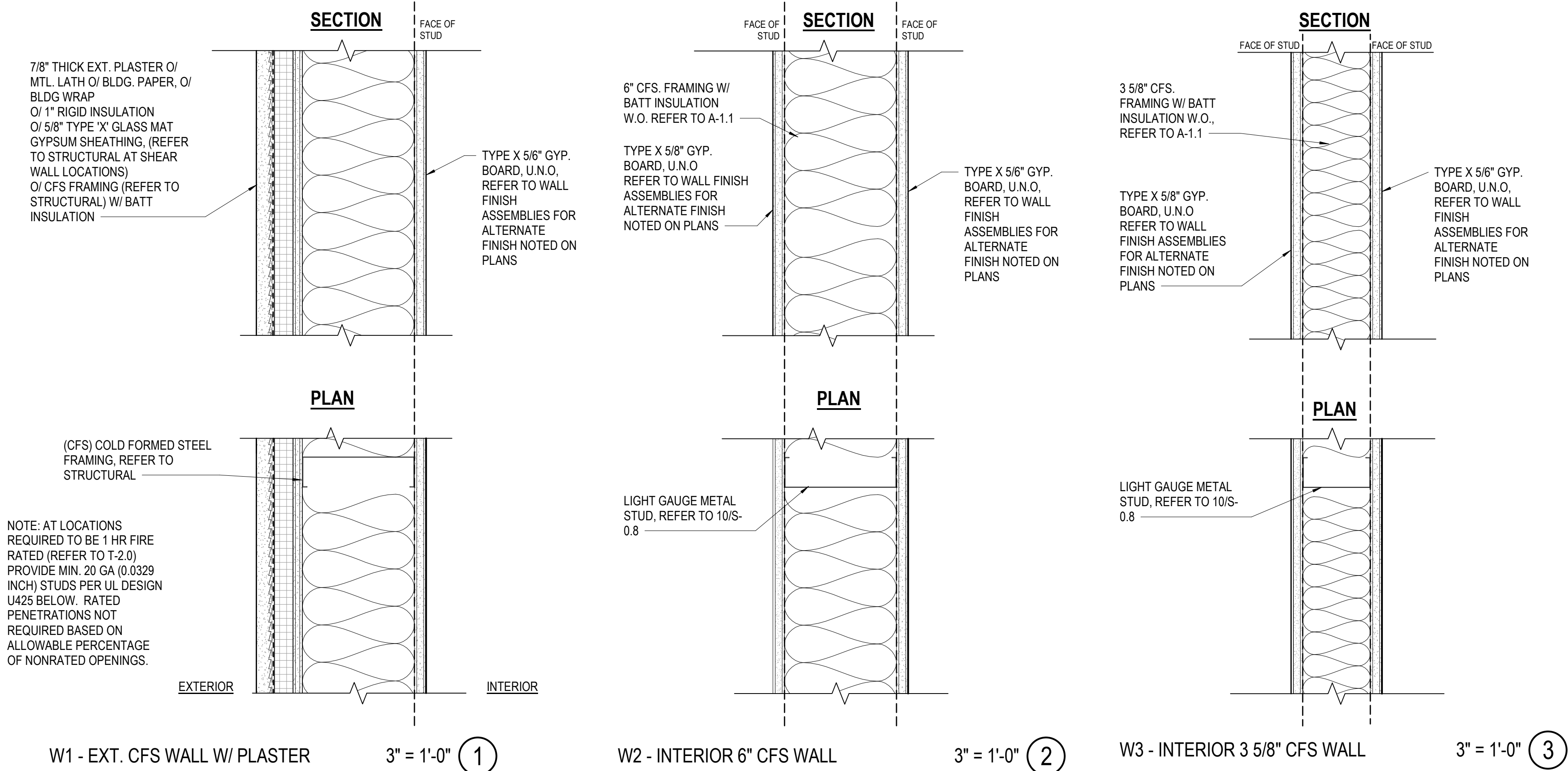
Sheet Name

INTERIOR
FINISH
SCHEDULE

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

A-5.3

All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



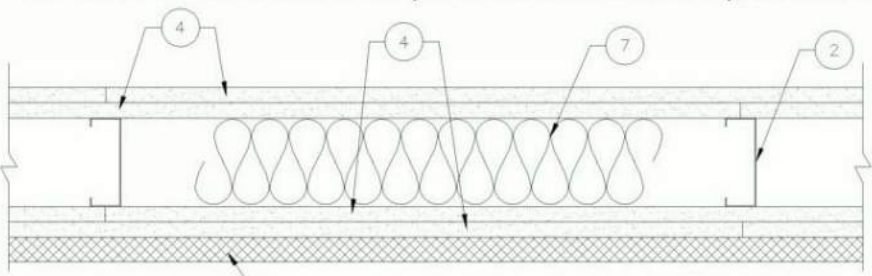
Design No. U425
January 14, 2019

Bearing Wall Rating — 3/4 Hr., 1, 1-1/2 or 2 Hr.
(See Items 2, 4 and 5)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

INTERIOR OR EXTERIOR WALL (FIRE FROM EITHER SIDE), SEE TABLE I



- Steel Floor and Ceiling Tracks** — (Not Shown) — Top and bottom tracks of wall assemblies shall consist of steel members, min No. 20 MSG (0.0329 in. min bare metal thickness) steel or min No. 20 MSG (0.036 in. thick) galv steel or No. 20 MSG (0.033 in. thick) primed steel, that provide a sound structural connection between steel studs, and to adjacent assemblies such as a floor, ceiling, and/or other walls. Attached to floor and ceiling assemblies with steel fasteners spaced not greater than 24 in. O.C.
- Steel Studs** — Min 3-1/2 in. wide, No. 20 MSG (0.0329 in. min bare metal thickness) corrosion protected cold formed steel studs designed in accordance with the current edition of the Specification for the Design of Cold-Formed Steel Structural Members by the American Iron and Steel Institute. All design details enhancing the structural integrity of the wall assembly, including the axial design load of the studs, shall be as specified by the steel stud designer and/or producer, and shall meet the requirements of all applicable local code agencies. The max stud spacing of wall assemblies shall not exceed 24 in. OC (or 16 in. OC when Item 5b is used). Studs attached to floor and ceiling tracks with 1/2 in. long Type S-12 steel screws on both sides of studs or by welded or bolted connections designed in accordance with the AISI Specifications.
- Lateral Support Members** — (Not Shown) — Where required for lateral support of studs, support may be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.
- Gypsum Board** — Any 1/2 in. thick UL Classified Gypsum Board that is eligible for use in Design No. X515. Any 5/8 in. thick UL Classified Gypsum Board that is eligible for use in Design Nos. L601, G612 or U305. Gypsum board bearing the UL Classification Marking as to Fire Resistance. Applied vertically with joints between layers staggered. Outer layer of 3 layer construction may be applied horizontally unless specified below. The thickness and number of layers and percent of design load for the 45 min, 1 hr, 1-1/2 hr and 2 hr ratings are as follows:

TABLE I Interior or Exterior Walls (Fire From Either Side)			
Rating	Wallboard Protection Both Sides of Wall - No. of Layers & Thickness of Board in Each Layer	% of Design Load	
45 min	1 layer, 1/2 in. thick	100	
1 hr	1 layer, 5/8 in. thick	100	
1-1/2 hr	2 layers, 1/2 in. thick	100	
2 hr	2 layers, 5/8 in. thick or	80	
2 hr	3 layers, 1/2 in. thick	100	
2 hr	2 layers, 3/4 in. thick	100	

Note: Exterior facings allowed for use with Item 5 are also allowed to be installed on one side of the above walls.

6. **Fasteners** — (Not Shown) — Screws used to attach wallboard to studs: self-tapping bugle head sheet steel type, spaced 12 in. O.C. First layer Type S-12 by 1 in. long for 1/2 and 5/8 in. thick wallboards and 1-1/4 in. long for 3/4 in. thick wallboard. Second layer Type S-12 by 1-5/8 in. long for 1/2 and 5/8 in. thick wallboards and 2-1/4 in. long for 3/4 in. thick wallboard. Third layer Type S-12 by 1-7/8 in. long. Fasteners when Item 4b is used: First layer #6 x 2 in. long drywall screw spaced 8 in. OC along the perimeter and 12 in. OC in the field. Second layer #6 x 4 in. long drywall screw spaced 8 in. OC along the perimeter and 12 in. OC in the field. Horizontal joints to be staggered 12 in. between layers.

7. **Batts and Blankets** — Placed in stud cavities of all exterior walls. May or may not be used in interior walls. Any glass fiber or mineral wool batt material bearing the UL Classification Marking as to Fire Resistance, of a thickness to completely fill stud cavity. See **Batts and Blankets** (BZJZ) Category for names of Classified companies.

8. **Joint Tape and Compound** — (Not Shown) — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layer. Perforated paper tape, 2 in. wide, embedded in first layer of compound over all joints of outer layer.

10b. **Foamed Plastic** — Polystyrenate foamed plastic insulation boards; any thickness. Classified in accordance with BRXY and / or CCVV. May be used with any exterior facing shown under Items 5a, 5c, 5d and 5e. **ATLAS ROOFING CORP.** — "EnergyShield Pro Wall Insulation", "EnergyShield Pro 2 Wall Insulation", EnergyShield C&F Pro and EnergyShield Ply Pro

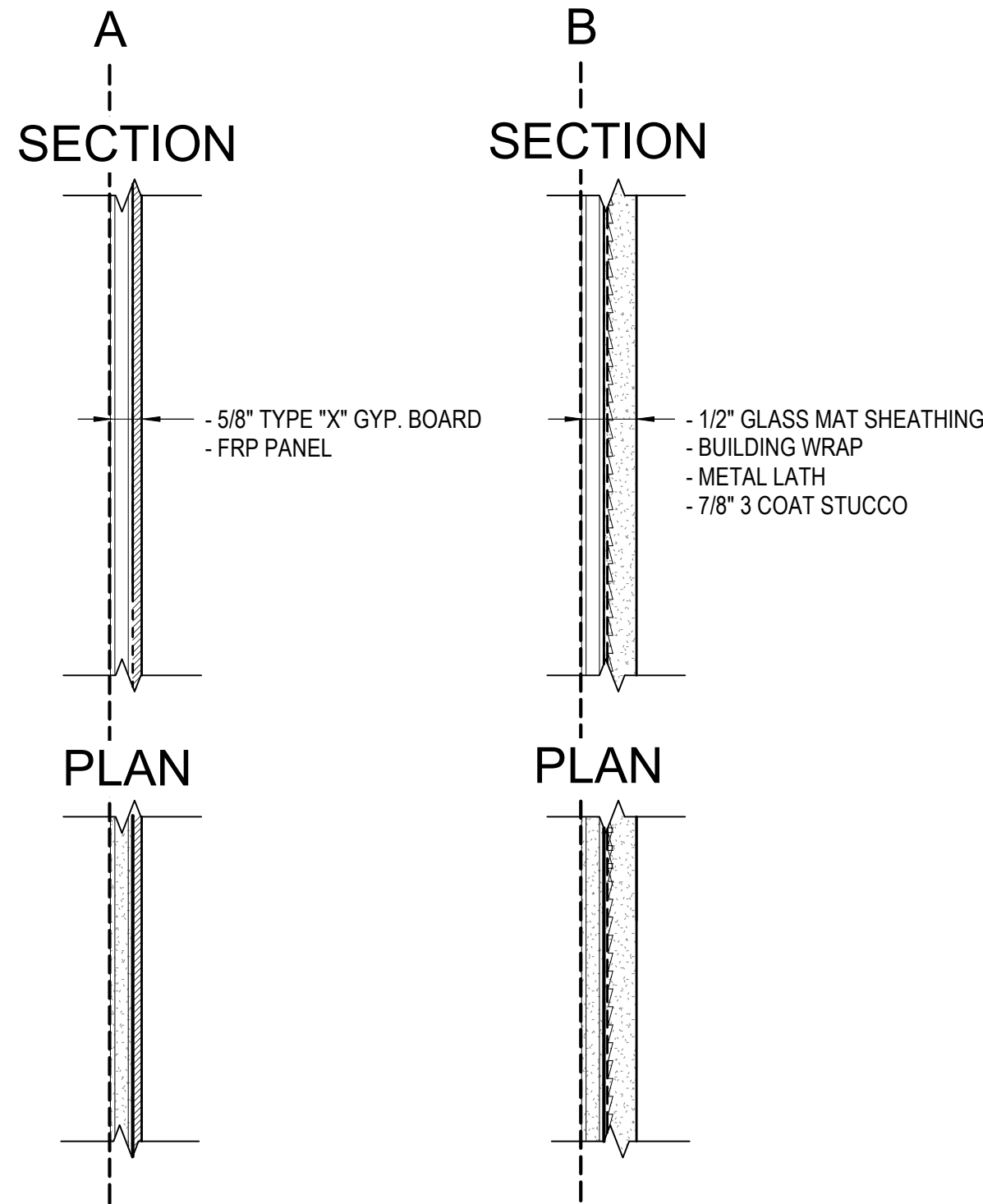
CARLISLE COATINGS & WATERPROOFING INC. — Type R2+ SHEATHE

FIRESTONE BUILDING PRODUCTS CO L L C — "Enverge™ CI Foil Exterior Wall Insulation" and "Enverge™ CI Glass Exterior Wall Insulation"

HUNTER PANELS — Type Xci-Class A, Xci 286, "Xci CG", "Xci Foil", "Xci CG NH", "Xci Foil NH"

RMAX OPERATING L L C — Types TSX-8500, TSX-8510, Thermasheath-XP, ECOMAXcr, "Thermasheath-3" and "Durasheath-3"

THE DOW CHEMICAL CO — Type Thermax Sheathing, Thermax Light Duty Insulation, Thermax Heavy Duty Insulation, Thermax Metal Building Board, Thermax White Finish Insulation, Thermax ci Exterior Insulation, Thermax XARMOR ci Exterior Insulation, Thermax (H) Insulation, Thermax Plus Liner Panel, Thermax Heavy Duty Plus (HDP), and TUFF-R™ ci Insulation



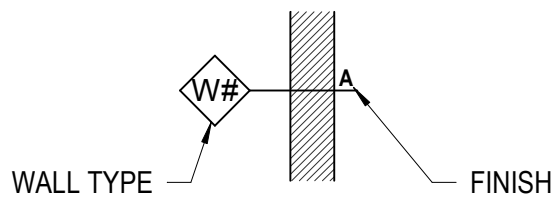
WALL FINISH ASSEMBLIES

NOTES:

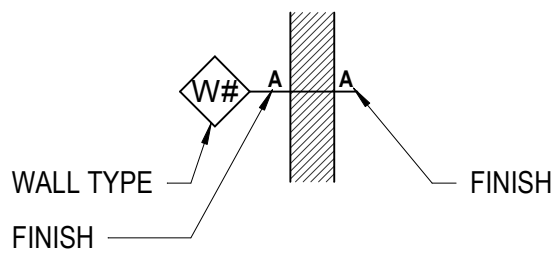
- ALL GYPSUM BOARD SHEETS TO RUN VERTICALLY.
- TAPE OUTER JOINTS OF GYPSUM BOARD ONLY, INCLUDING JOINTS ABOVE THE CEILING LINE.
- NO JOINTS EXCEPT AT STUDS.
- DRYWALL SCREW EDGE AND FIELD SPACING PER GYPSUM BOARD MANUFACTURER'S RECOMMENDATIONS. ALL SCREWS SHALL PENETRATE STUDS.
- FIBERGLASS BATT INSTALLATION SHALL BE OWENS-CORNING FIBERGLASS NOISE BARRIER BATTS, OCF FRICTION FIT BUILDING INSULATION OR APPROVED EQUAL. FIBERGLASS THICKNESS TO EQUAL STUD DEPTH.
- REFER TO INT. ELEV. FOR WAINSCOT HEIGHT & EXTENTS.
- PROVIDE MOISTURE RESISTANT GYP. BD. AT ALL TOILET ROOMS AND WITHIN 5' - 0" OF SINK, MOP SINK OR DRINKING FOUNTAIN, WATER CLOSET.
- 1 1/4" X 16" GA. STRAPPING @ 30" O.C. ACROSS UNRESTRAINED STUD EDGE WITH S.M.S. @ EACH STUD, REFER TO STRUCTURAL
- REFER TO STRUCTURAL FOR TYPICAL STUD SPACING AND GAUGE.
- REFER TO AD-1.1 FOR TYPICAL TOP AND BOTTOM OF WALL DETAILS.

WALL TYPE KEY

EXTERIOR WALL



INTERIOR WALL



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

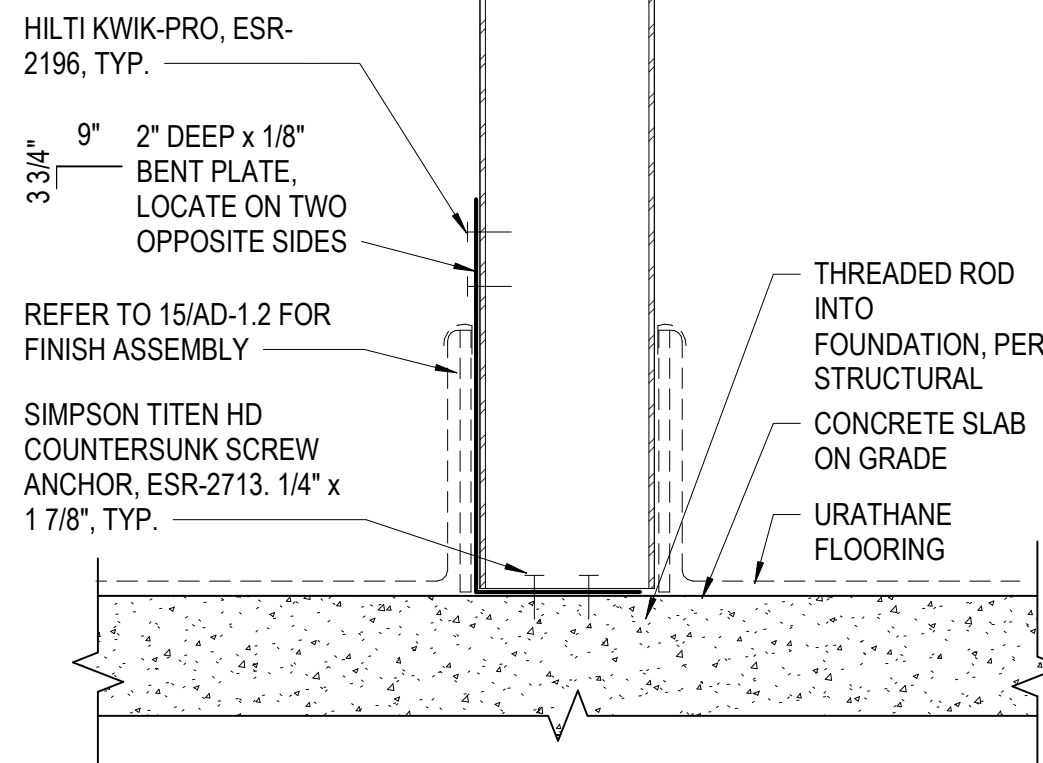
Sheet Name

WALL TYPE
DETAILS

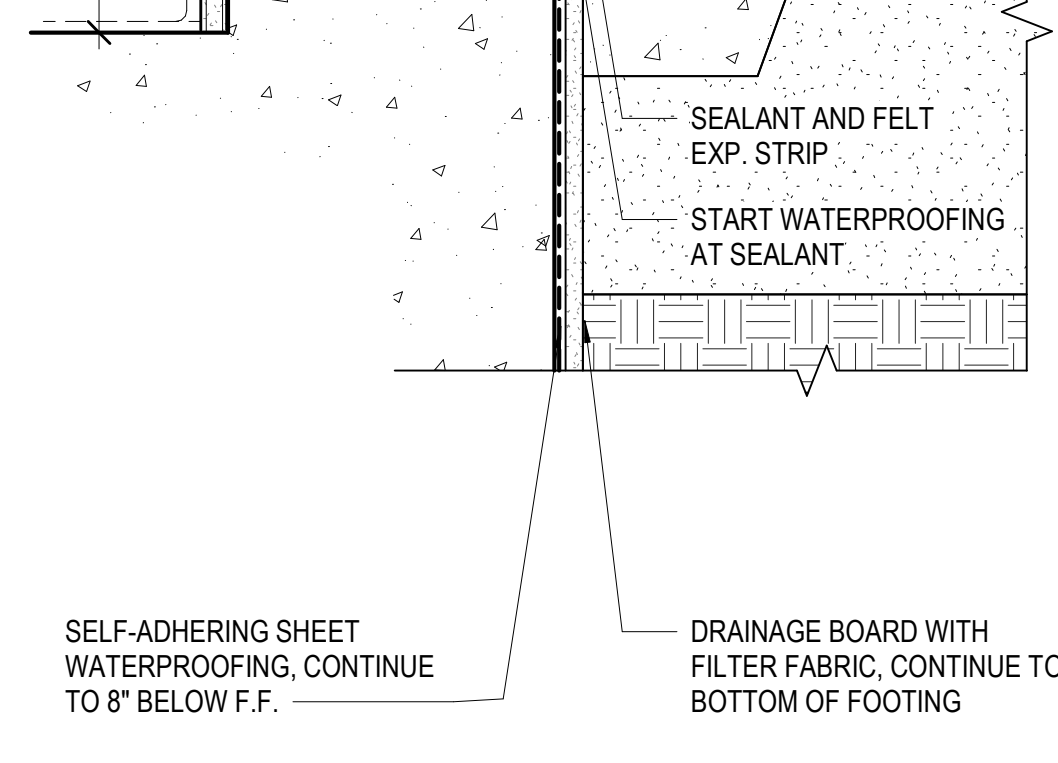
RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

AD-1.0

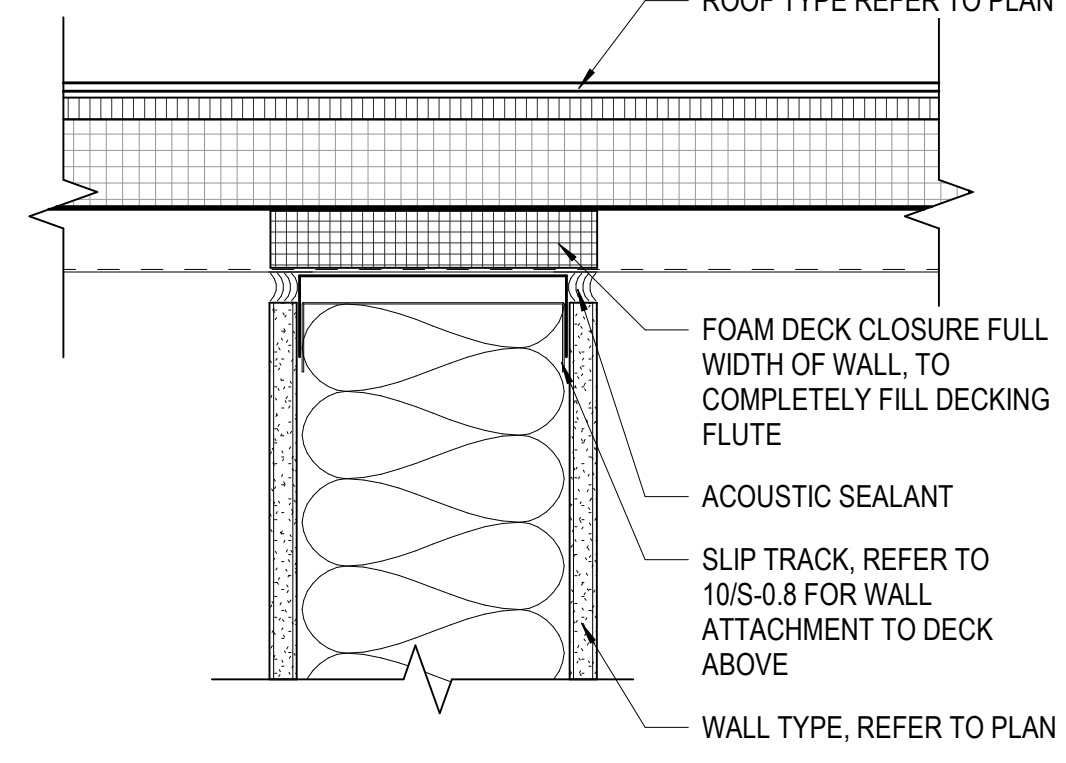
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of these drawings or arrangements, or plans shall be used by or disclosed to any person, firm or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or arrangements, or plans shall be used by or disclosed to any person, firm or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc.



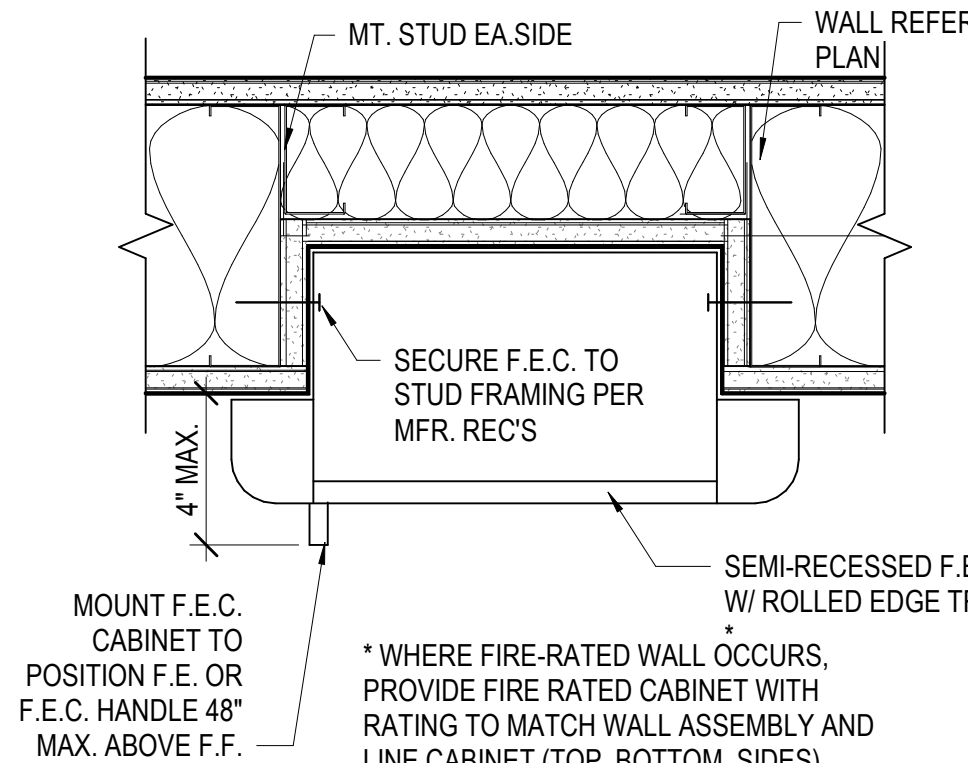
NON STRUCTURAL COLUMN CONNECTION $3" = 1'-0"$ (6)



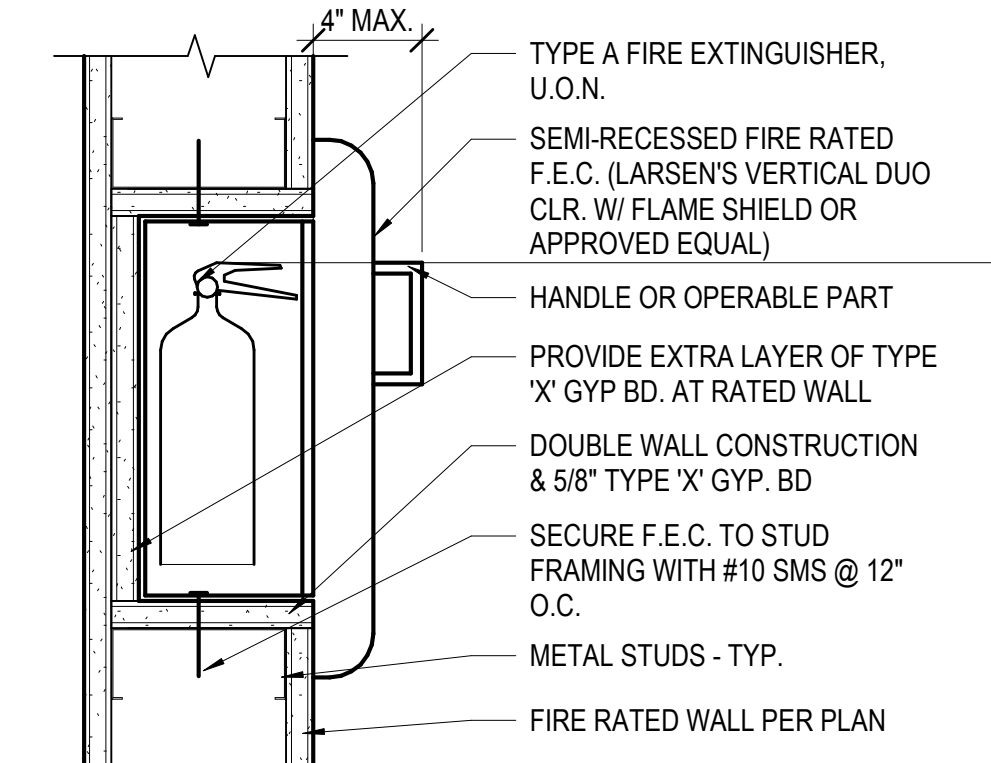
EXT. WALL @ GRADE ABOVE F.F. 3" = 1'-0" 7



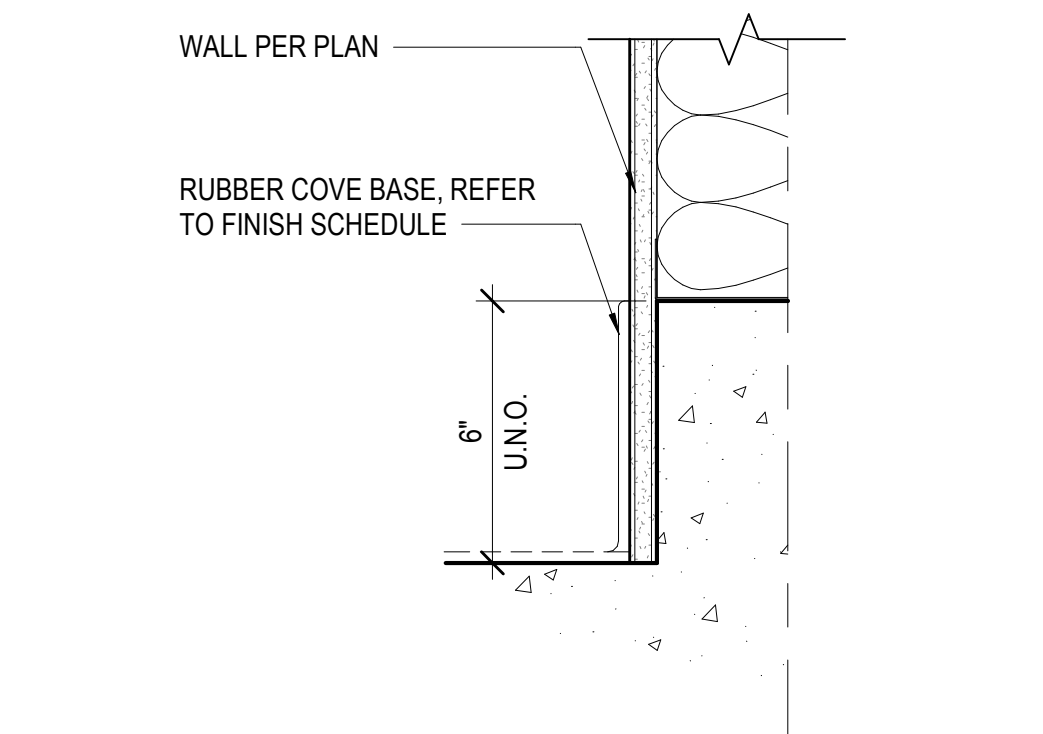
EXT. METAL STUD WALL @ CURB 3" = 1'-0" (3)



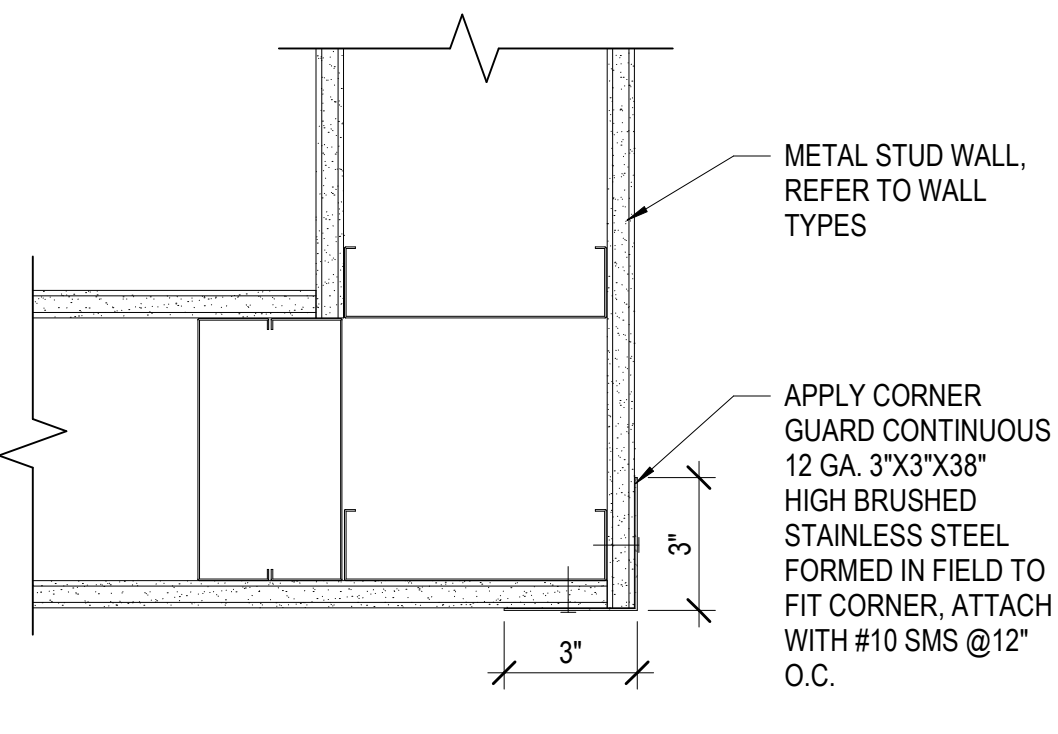
INT. METAL STUD WALL @ CURB 3" = 1'-0" (



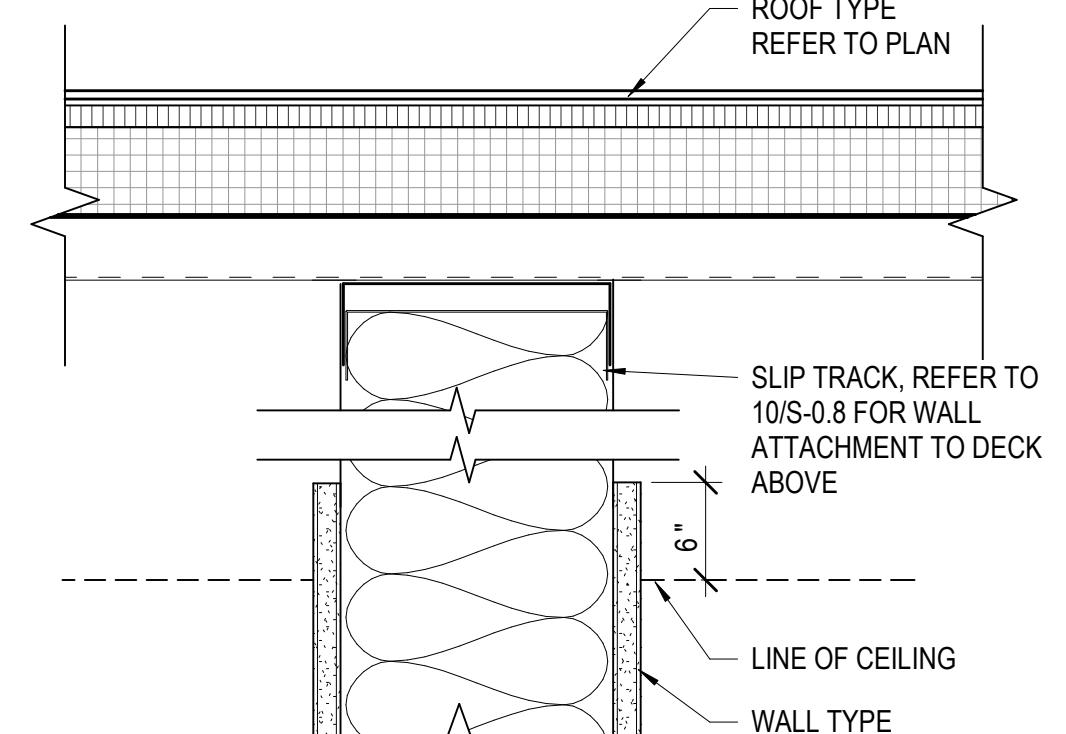
EXT. METAL STUD WALL @ CURB 3" = 1'-0"



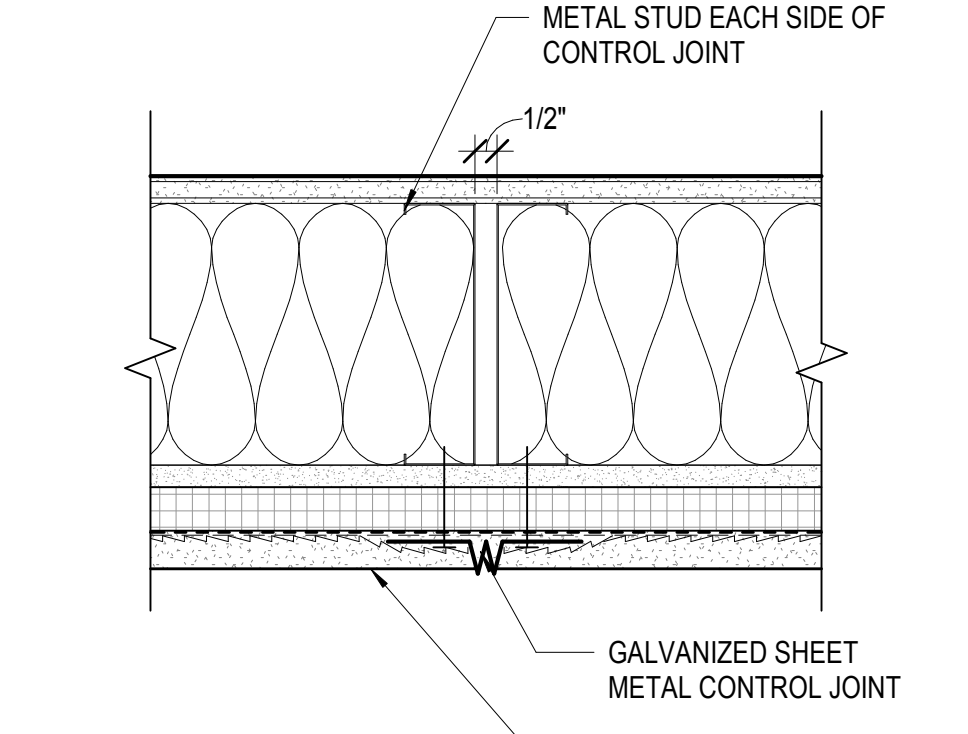
RUBBER COVE BASE 3" = 1'-0" (1



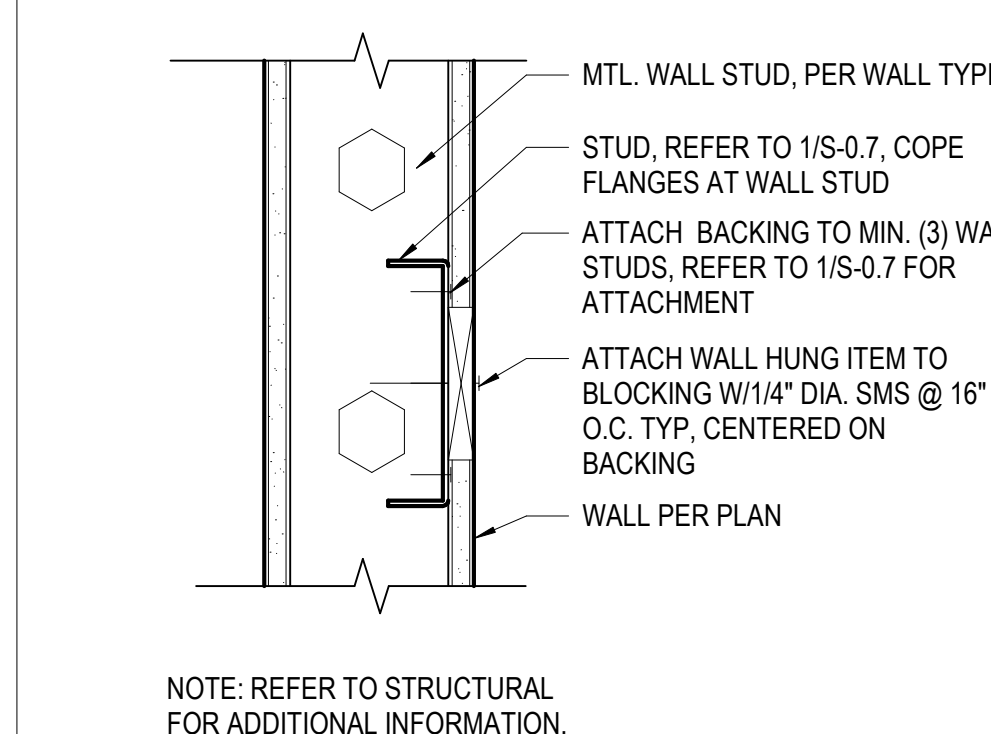
CORNER GUARD @ STUD WALL 3" = 1'-0" (12)



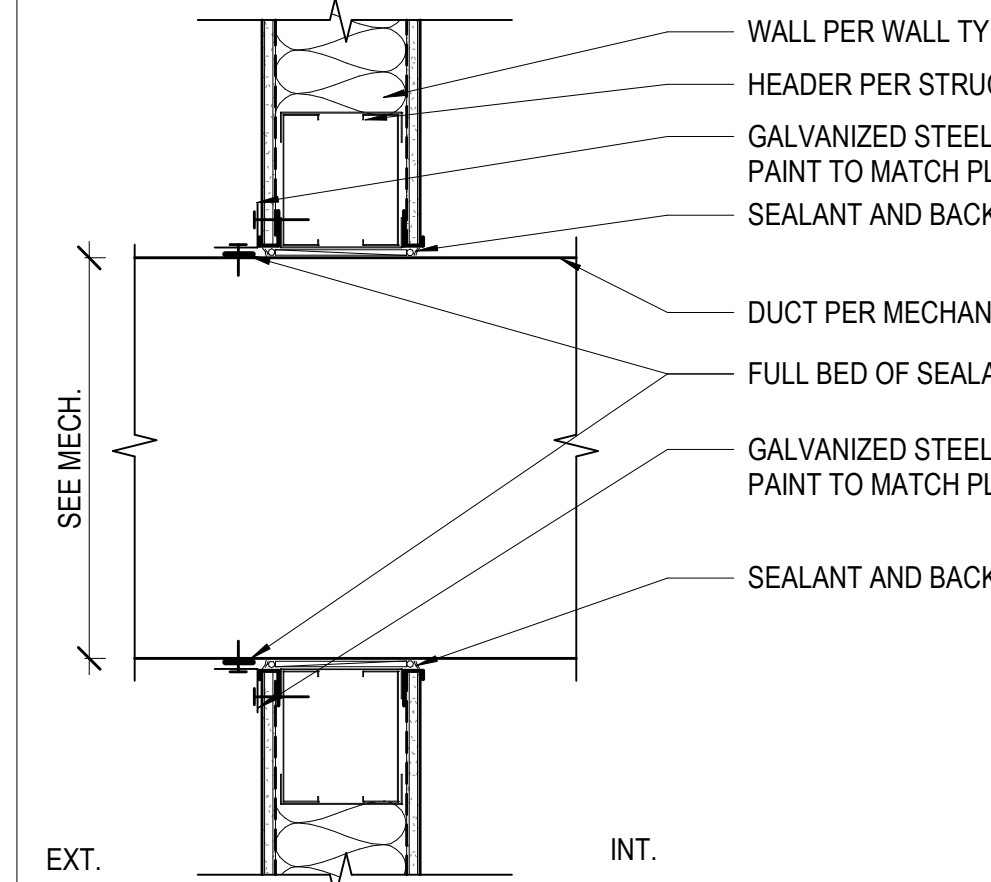
INT. MTL STUD @ METAL ROOF AT
NON-ACOUSTIC CONDITION



PLASTER CONTROL JOINT 3" = 1'-0" (



TYPICAL BACKING 3" = 1'-0"



DUCT PENETRATION	1 1/2" = 1'-0"
------------------	----------------

03-119638

CS_____ FLS _____ SS_____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTArchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

TYPICAL WALL DETAILS

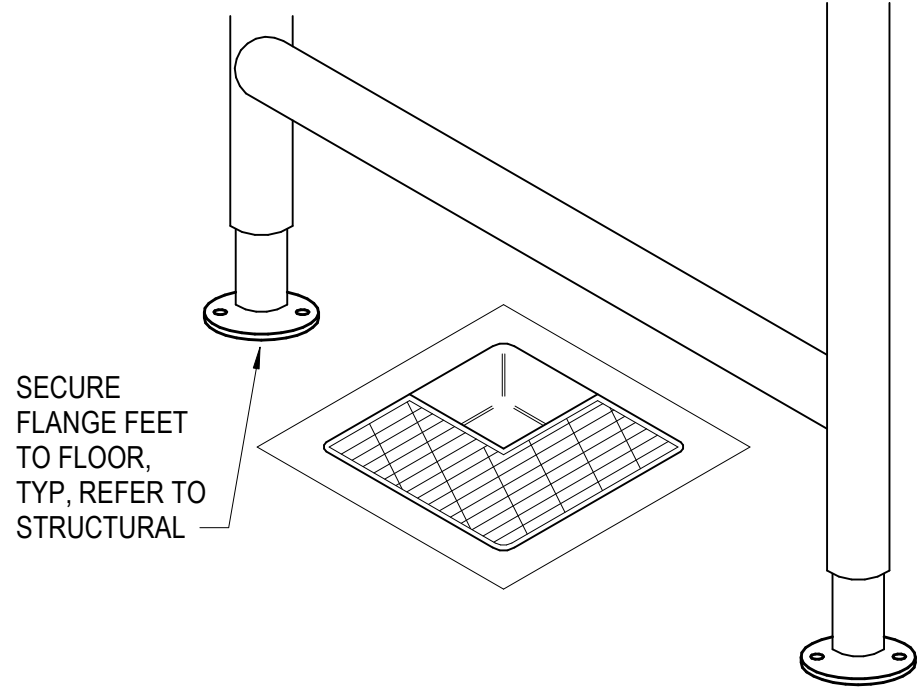
NT Job No.	17759.04
ate	02/04/2019
rawn by	JR
hecked by	TB
heet Number	

Sheet Number

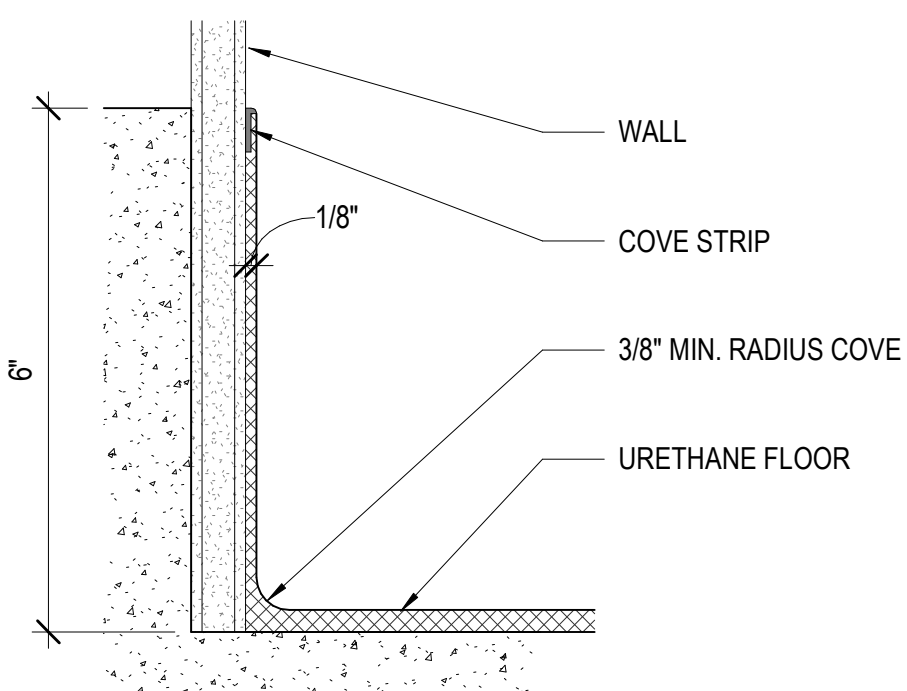
AD-1.1

/29/2019 11:13:19 AM

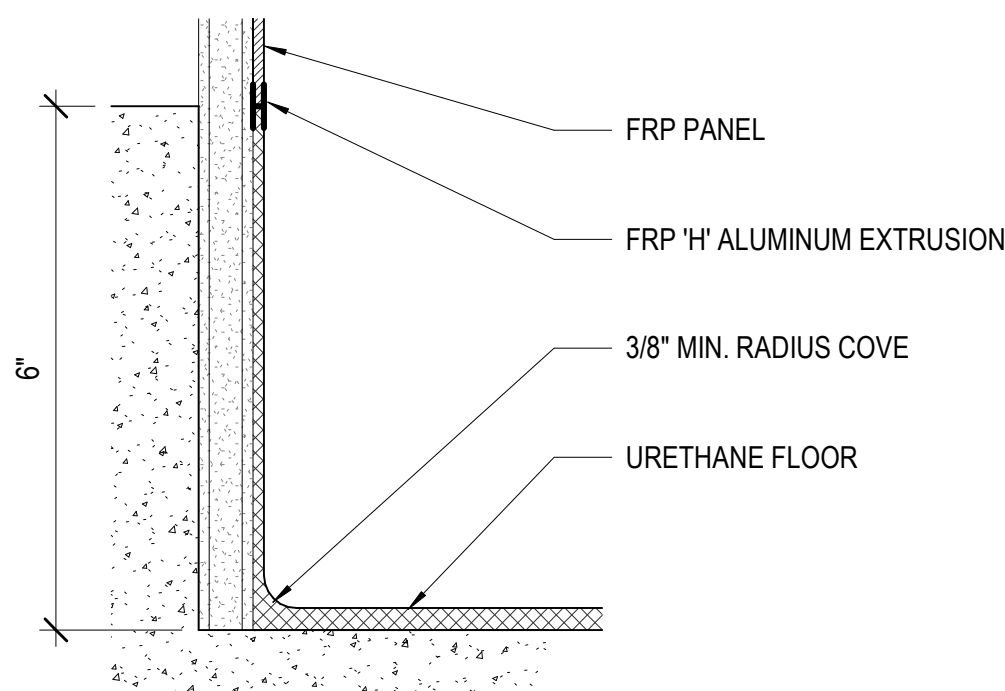
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



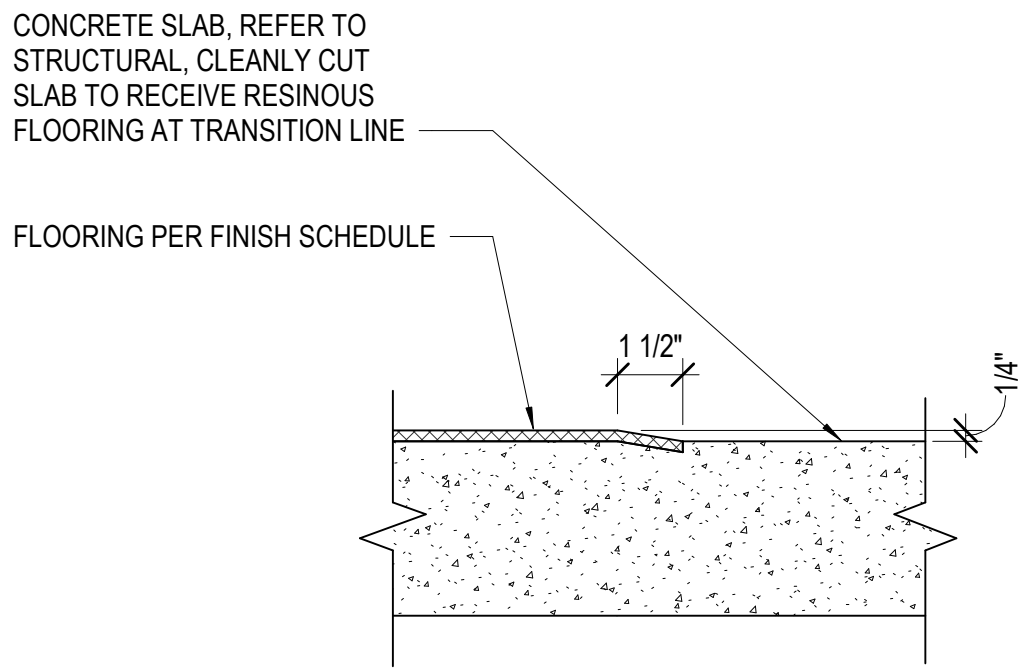
FLANGE FEET 3" = 1'-0" 3



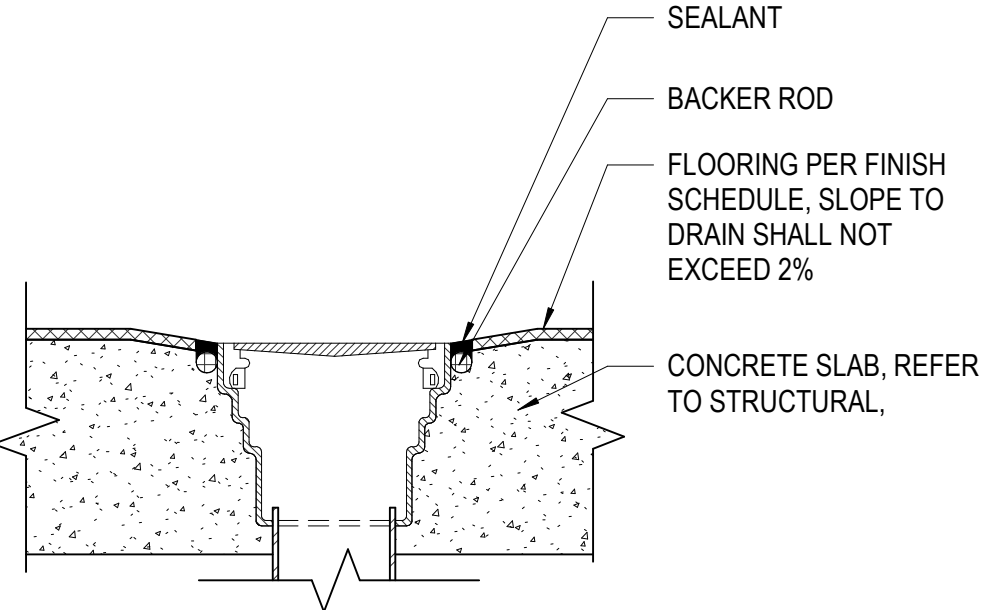
RESINOUS FLOORING TO WALL TRANSITION 6" = 1'-0" 4



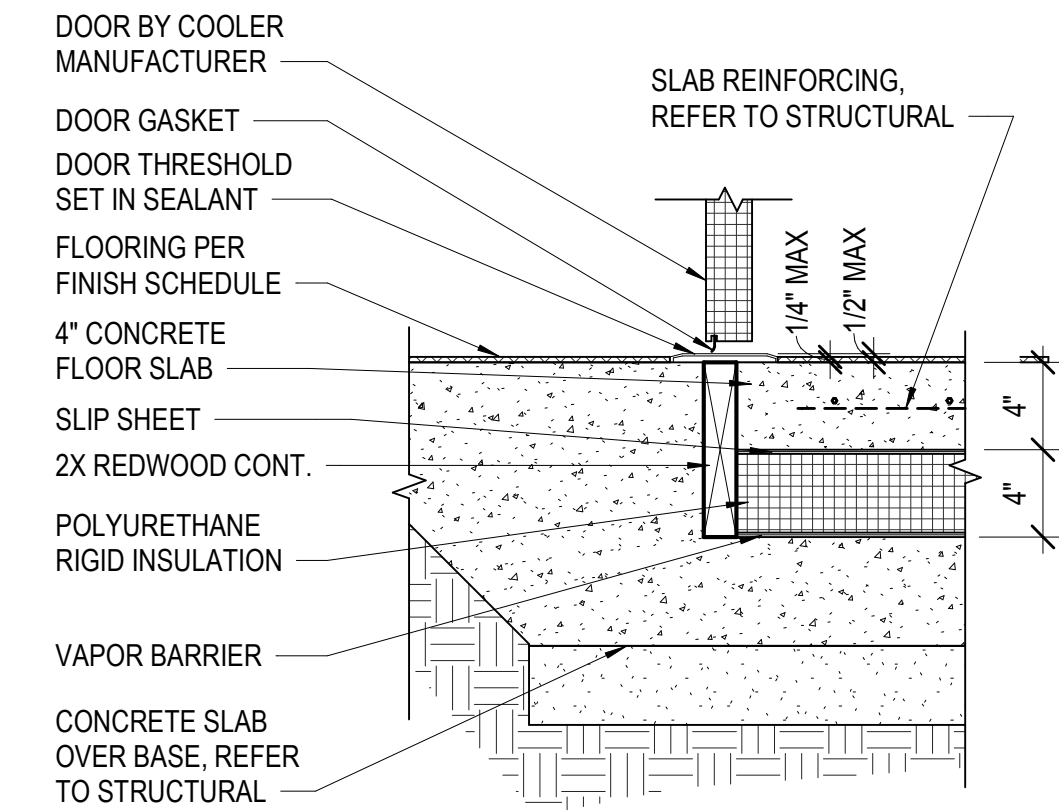
RESINOUS FLOORING TO FRP WALL TRANSITION 6" = 1'-0" 5



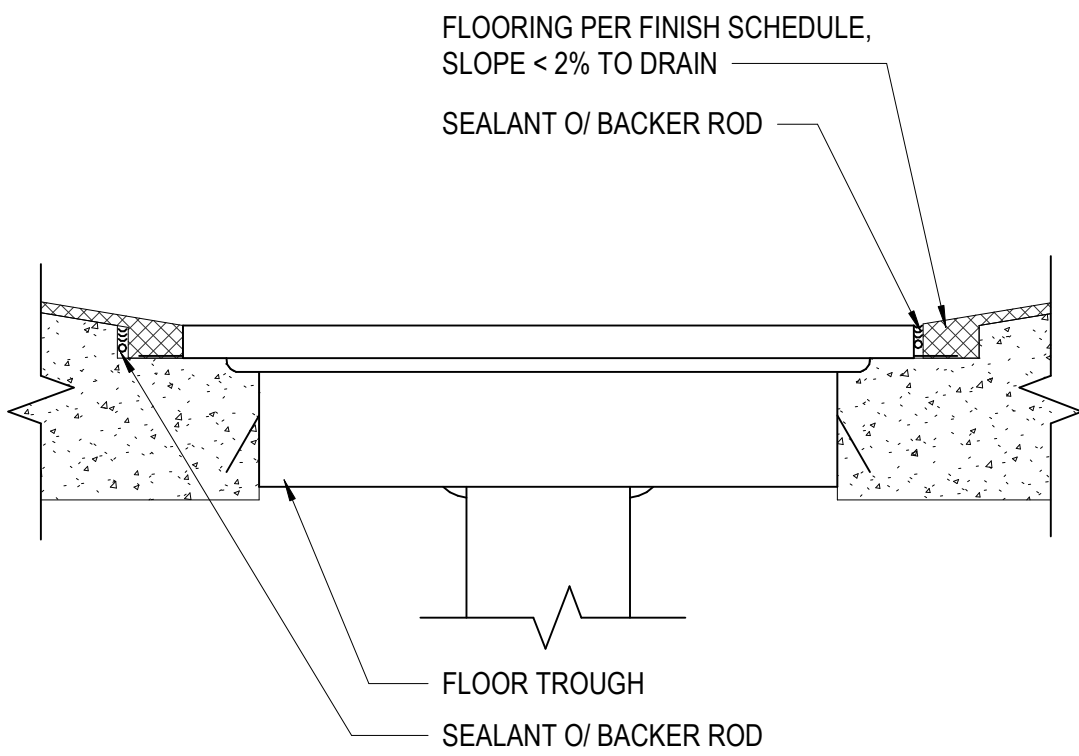
TYPICAL RESINOUS FLOORING AND TRANSITION TO CONCRETE FLOOR 3" = 1'-0" 8



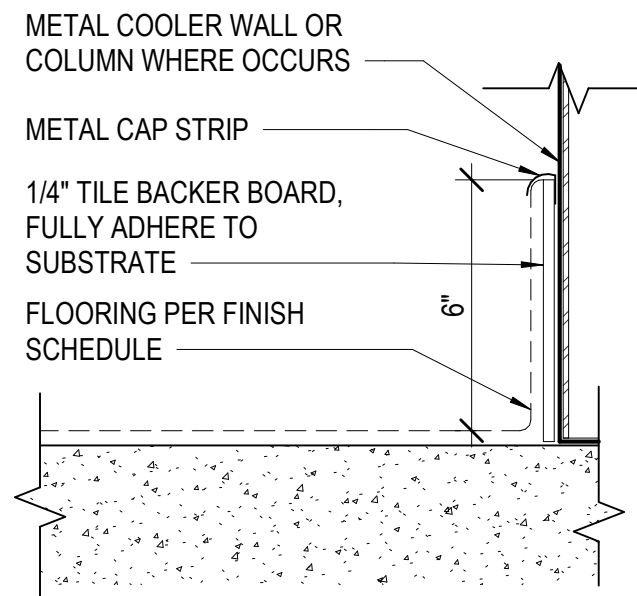
RESINOUS FLOORING AT FLOOR DRAIN 3" = 1'-0" 9



FLOOR AT COOLER DOOR 1 1/2" = 1'-0" 10



RESINOUS FLOORING AT FLOOR TROUGH 3" = 1'-0" 1



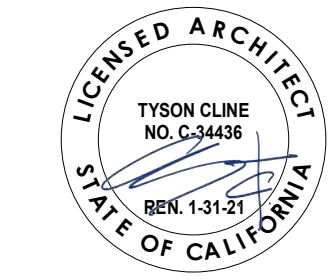
METAL SURFACE TO FLOOR TRANSITION 3" = 1'-0" 15

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name
TYPICAL FLOOR
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	BJ, JR
Checked by	CY, TB
Sheet Number	

AD-1.2
6/29/2019 11:13:22 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

WALL PER PLAN
SEALANT, TYP.
H.M. FRAME
DOOR PER SCHEDULE
INSTALL DBL. STUDS @ JAMB, TYP.

JAMB @ INTERIOR3" = 1'-0"1

HOLLOW METAL DOOR FRAME
WALL PER PLAN
5/8"
2"
1/2"
DOOR PER SCHEDULE
FLEXIBLE FLASHING
"J" MOLD, BACKER ROD & SEALANT

JAMB @ EXTERIOR DOOR3" = 1'-0"2

WALL PER PLAN
METAL STUD HEADER
GYP. BD. TYP.
SEALANT, TYP. BOTH SIDES
H.M. FRAME TO OVERLAP DRYWALL 1/2" MIN. AT RATED ASSEMBLIES, TYP.
H.M. FRAME & ANCHOR PER MFR. RECOMMENDATIONS - RATED PER SCHED.
DOOR PER SCHEDULE

HEAD @ INTERIOR NONBEARING PARTITION3" = 1'-0"3

EXTERIOR
1/2"
1"
2"
LAP WEATHER BARRIER FLASHING O/ VERTICAL LEG OF SHT. MTL. FLASHING
GALV. SHT. MTL. DRIP FLASHING, PAINT TO MATCH DOOR FRAME
FRAME ANCHOR - INSTALL PER MFR. RECOMMENDATIONS
DOOR PER SCHEDULE
EXT.
INTERIOR
WALL PER PLAN
FLEXIBLE FLASHING
H.M. DOOR FRAME PER SCHED.
FLEXIBLE FLASHING
INT.

HEAD @ EXTERIOR WALL3" = 1'-0"4

EXTERIOR
1/2" MAX TOTAL
1/4" MAX VERTICAL
1/4"
INTERIOR
DOOR FRAME BEYOND
DOOR PER SCHEDULE
EXTERIOR FINISH SURFACE
THRESHOLD
INTERIOR FLOOR FINISH PER FINISH SCHEDULE

THRESHOLD AT EXTERIOR3" = 1'-0"5

WALL PER PLAN
SINGLE METAL STUD HEADER
GYP. BD. TYP.
SEALANT, TYP. BOTH SIDES
H.M. FRAME TO OVERLAP DRYWALL 1/2" MIN. AT RATED ASSEMBLIES, TYP.
H.M. FRAME & ANCHOR PER MFR. RECOMMENDATIONS - RATED PER SCHED.
DOOR PER SCHEDULE

HEAD @ INTERIOR NONBEARING PARTITION - SHORT SPAN3" = 1'-0"6

WALL PER PLAN
SEALANT, TYP.
H.M. FRAME
DOOR PER SCHEDULE
INSTALL DBL. STUDS @ JAMB, TYP.

JAMB @ INTERIOR NONBEARING PARTITION - SHORT SPAN3" = 1'-0"7

INT.
OVERHEAD DOOR TRACK, ANCHOR PER DOOR MANUFACTURER
COLUMN PER STRUCTURAL
STOREFRONT MULLION
DOOR PER SCHEDULE
8" MAX
EXT.
SEALANT & BACKER ROD BOTH SIDES
PREFINISHED BRAKE METAL

EXT. MULLION DOOR JAMB @ OVERHEAD DOOR3" = 1'-0"8

INT.
DOOR PER SCHEDULE
OVERHEAD DOOR TRACK, ANCHOR PER DOOR MANUFACTURER
COLUMN, REFER TO STRUCTURAL
BRAKE METAL FLASHING
EXT.
PREFINISHED ALUM. BREAK METAL

EXT. STRUCTURAL MULLION @ OVERHEAD DOOR3" = 1'-0"9

1/4" HIGH ALUM THRESHOLD
FLOOR FINISH PER INT. FINISH SCHED TYP.
DOOR PER SCHEDULE
DOOR FRAME BEYOND
DOOR SWEEP AT RESTROOM DOOR ONLY
1/4" MAX

THRESHOLD @ INTERIOR3" = 1'-0"10

ALUM. HEAD FLASHING OVER FLEXIBLE FLASHING PER HEAD DETAILS
FLEXIBLE FLASHING @ OPENING & 4" BEYOND OPENING, TYP. LAP SEAMS IN SHINGLE FASHION, TYP. APPLY AFTER SILL FLASHING
NOTE: LAP WATER BARRIER (NOT SHOWN) OVER FLEXIBLE FLASHING AT HEAD AND JAMB
4" TYP.
1" TYP.

FLEXIBLE FLASHING13" = 1'-0"14

REFER TO DETAIL 14 / AD-2.1 FOR ADDITIONAL INFORMATION
NOTE: LAP WEATHER BARRIER (NOT SHOWN) OVER FLEXIBLE FLASHING AT JAMB. APPLY WEATHER BARRIER UNDER FLEXIBLE FLASHING AT SILL.
FLEXIBLE FLASHING @ OPENING & 4" BEYOND OPENING, TYP. LAP SEAMS IN SHINGLE FASHION, TYP. APPLY SILL FLASHING PRIOR TO INSTALLING WINDOW.
4"

FLEXIBLE FLASHING @ SILL3" = 1'-0"18

INT.
ROOF ASSEMBLY, REFER TO 17/AD-5.2
PREFINISHED ALUMINUM BRAKE METAL
GLULAM BEAM, REFER TO STRUCTURAL
GLAZING
OVERHEAD DOOR TRACK
CONTINUOUS ANGLE MOUNTING
MULLION
BACKER ROD & SEALANT, TYP.
HSS, REFER TO STRUCTURAL
PREFINISHED ALUMINUM BRAKE METAL ATTACHED WITH #10 SMS
OVERHEAD DOOR

OVERHEAD DOOR HEAD3" = 1'-0"20

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638
ACS _____ FLS _____ SS _____

RNT ARCHITECTS

Roesling Nakamura
Terada Architects

285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

TYSON CLINE
NO. C-34438
EXPI. 1-31-21
STATE OF CALIFORNIA

Ojai Unified School District

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TYPICAL DOOR
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	JR
Checked by	TB
Sheet Number	

AD-2.1

6/29/2019 11:13:25 AM

All ideas, arrangements and plans indicated by the drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

INT. HEAD 3" = 1'-0" 2

INT. MULLION DOOR JAMB @ WALL 3" = 1'-0" 3

INT. MULLION JAMB 3" = 1'-0" 4

INT. SILL @ CONCRETE CURB 3" = 1'-0" 5

INT. DOOR HEAD 3" = 1'-0" 6

INT. MULLION DOOR JAMB AT STRUCTURAL COLUMN 3" = 1'-0" 7

INT. MULLION JAMB AT STRUCTURAL COLUMN 3" = 1'-0" 8

EXT. MULLION HEAD @ MTL. STUD WALL 3" = 1'-0" 9

EXT. STOREFRONT SILL @ CURB 3" = 1'-0" 10

EXT. STOREFRONT SILL @ MTL STUD WALL 3" = 1'-0" 11

EXT. MULLION JAMB @ EXT. MTL. STUD WALL 3" = 1'-0" 12

EXT. AND INT. MULLION CORNER 3" = 1'-0" 13

EXT. DOOR @ FLOOR 3" = 1'-0" 14

EXT. MULLION DOOR JAMB @ EXT. MTL. STUD WALL 3" = 1'-0" 15

EXT. MULLION HORIZONTAL @ STEEL STRUCTURE 3" = 1'-0" 16

EXT. MULLION HORIZONTAL @ STEEL STRUCTURE AND DOOR 3" = 1'-0" 17

EXT. MULLION @ MTL. STUD WALL CORNER - JAMB 3" = 1'-0" 18

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638
ACS _____ FLS _____ SS _____

Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

TYSON CLINE
NO. C-34438
EXPI. 1-31-21
STATE OF CALIFORNIA

OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TYPICAL
STOREFRONT
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

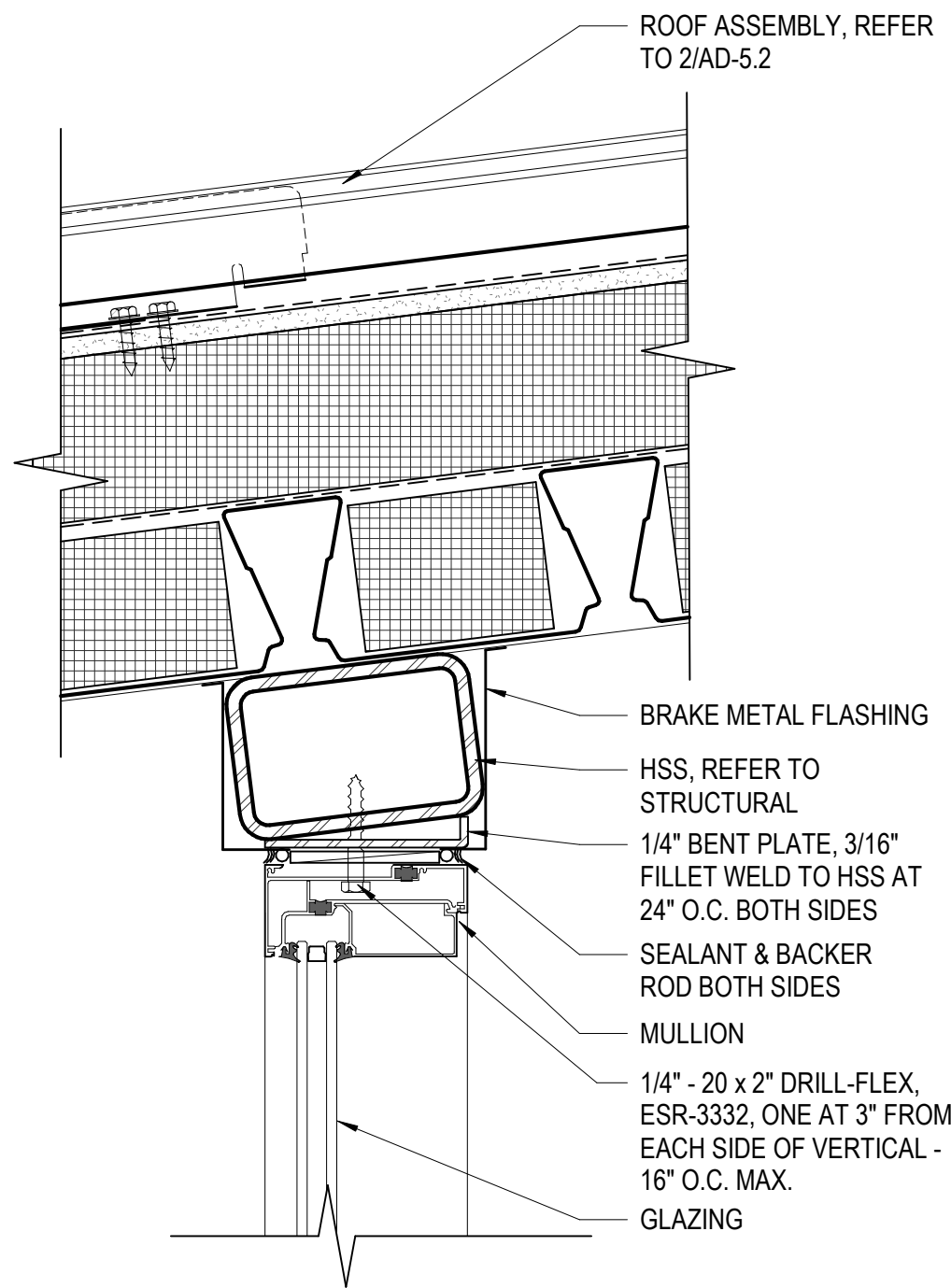
AD-3.1

6/29/2019 11:13:29 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

EXT.

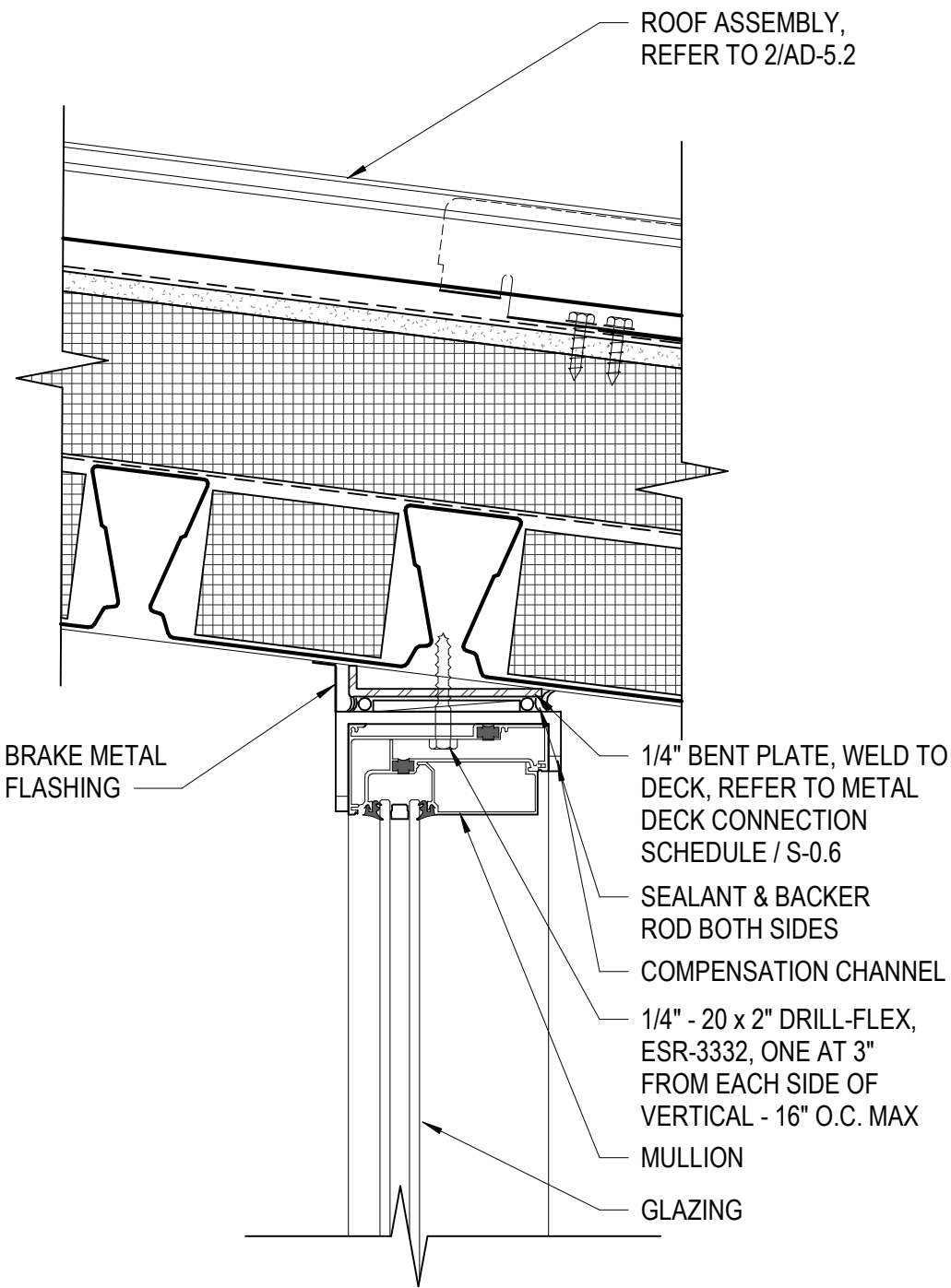
INT.



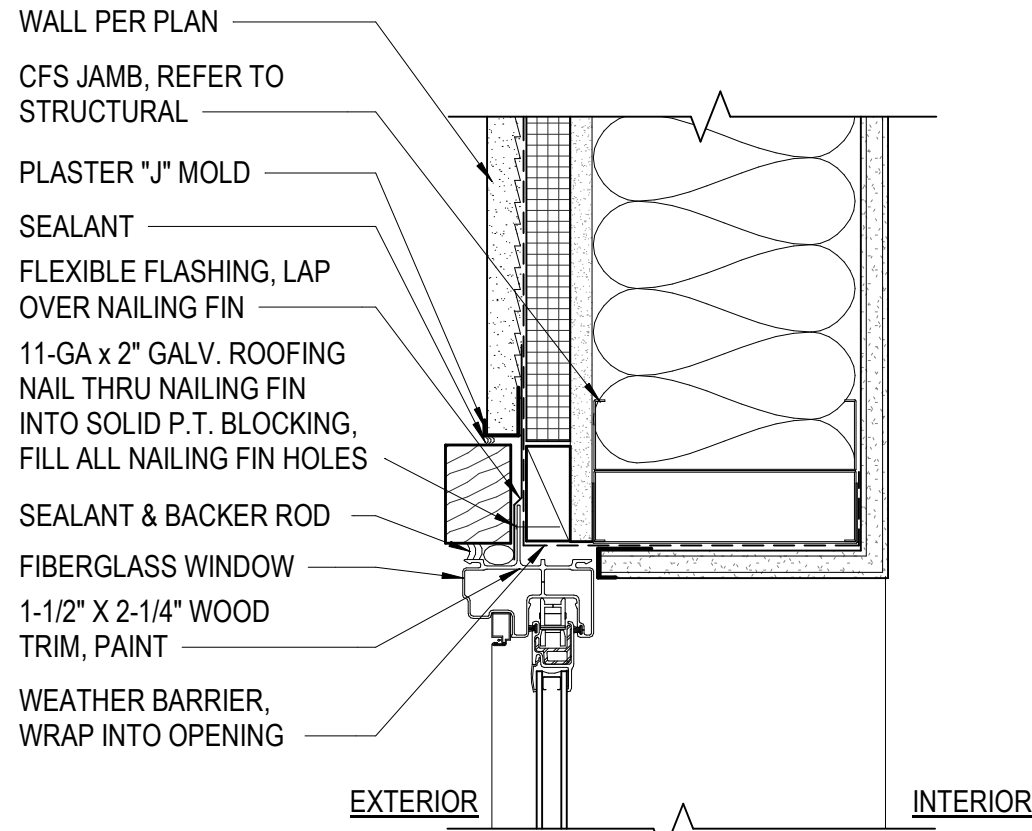
*EXT. STOREFRONT @ STRUCT. BEAM 3" = 1'-0" (7)

EXT.

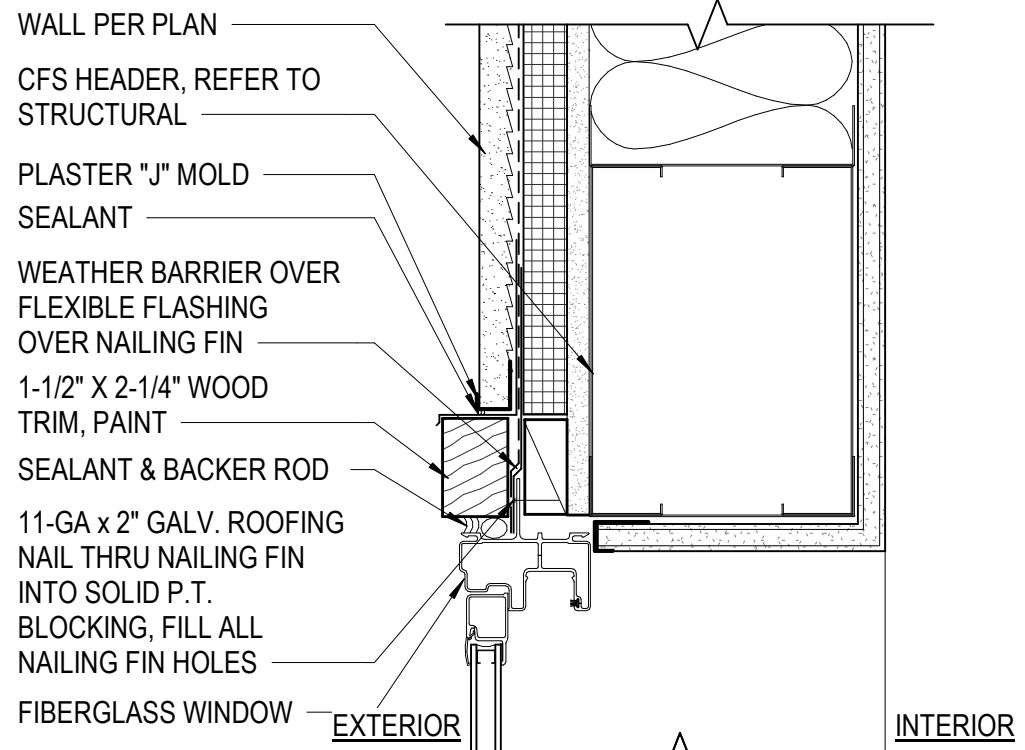
INT.



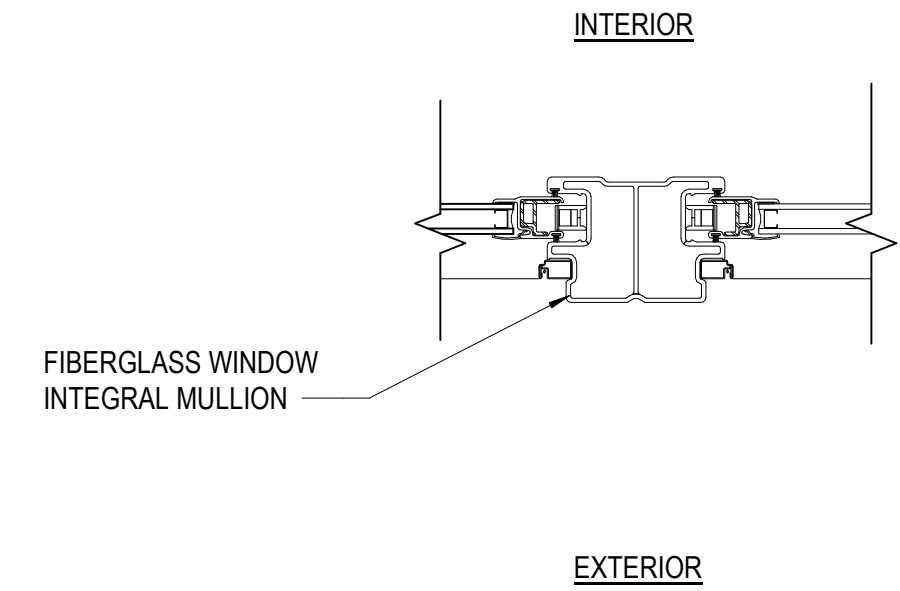
*EXT. STOREFRONT @ ROOF 3" = 1'-0" (8)



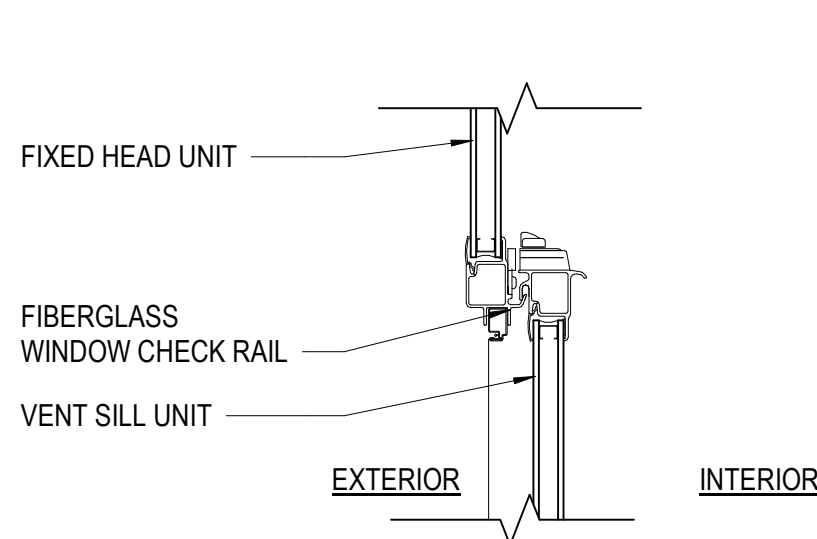
WINDOW JAMB 3" = 1'-0" (4)



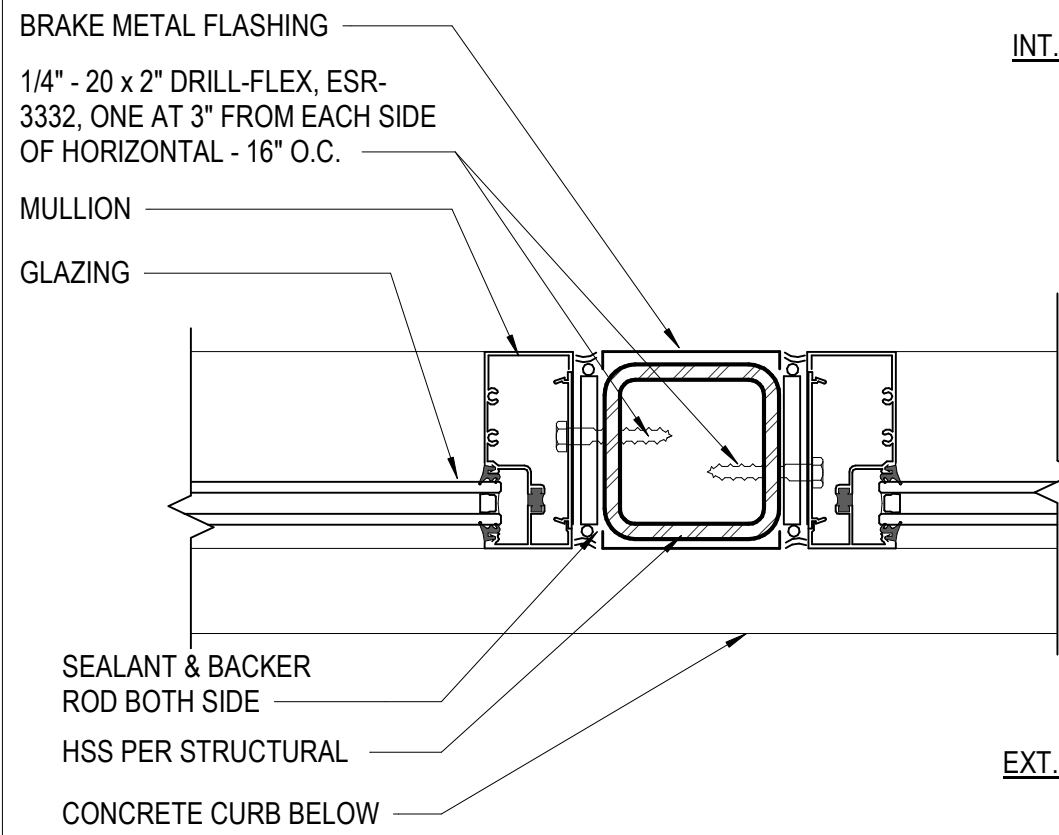
WINDOW HEAD 3" = 1'-0" (5)



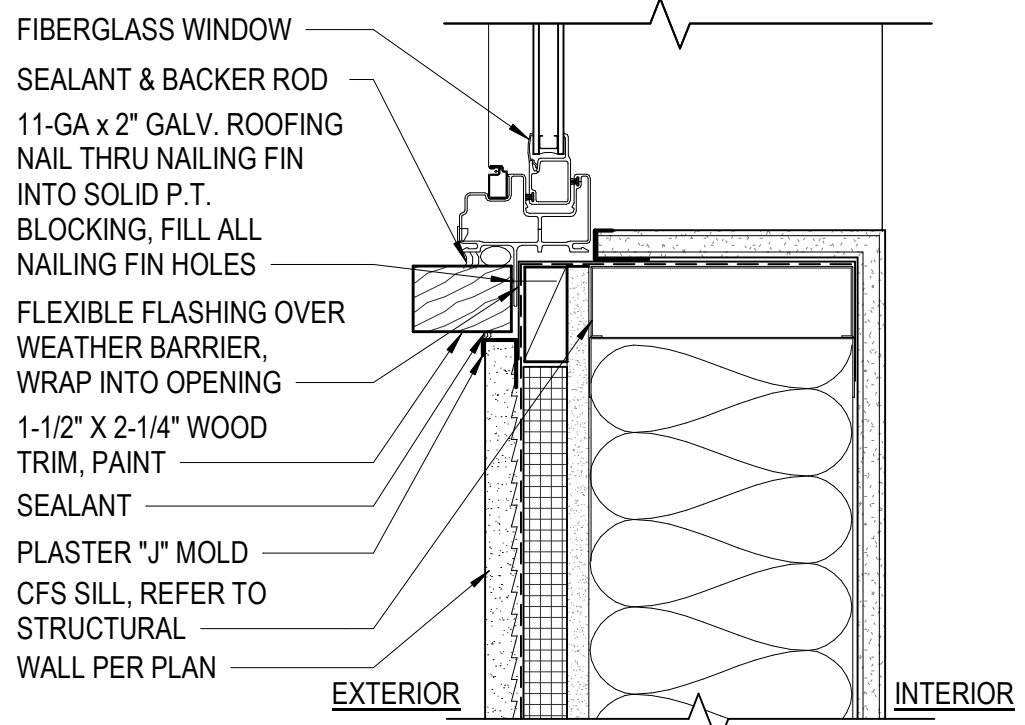
WINDOW VERTICAL MULLION 3" = 1'-0" (9)



WINDOW CHECK RAIL 3" = 1'-0" (10)



EXT. MULLION JAMB @ STRUCTURAL COLUMN 3" = 1'-0" (14)



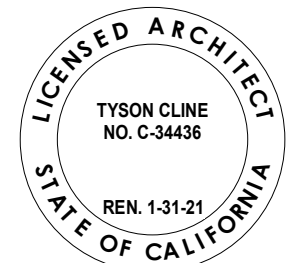
WINDOW SILL 3" = 1'-0" (15)

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name
**TYPICAL
STOREFRONT
AND WINDOW
DETAILS**

RNT Job No. 17759.04
Date 02/04/2019
Drawn by JR
Checked by TB
Sheet Number

AD-3.2

7/19/2019 10:52:55 AM

All ideas, arrangements and plans indicated by the drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. No reproduction is therefore permissible without the written consent of RNT.

METAL SUSPENSION SYSTEMS FOR LAY-IN PANEL CEILINGS

References:

- California Code of Regulations (CCR), Title 24,
Part 2: 2016 California Building Code (CBC), Section 1616A.1.20 and IR-25-2.13
ASTM C635, C636, and E580

1. GENERAL REQUIREMENTS: CBC Section 1616A.1.20 (1616.10.16*) requires the design and installation to be in compliance with ASTM C635, C636, and E580, Section 5, as amended by 2016 CBC Section 1616A.1.20
Note: Amendments in CBC Section 1616A.1.20 replace ASCE 7, Section 13.5.6.
These requirements apply to ceiling systems whose total weight, including ceiling mounted air terminals, services and light fixtures, does not exceed four (4) psf. Heavy systems, systems that are not flat and level, and those supporting lateral loads from partitions, will require special design details.

2. SUSPENSION SYSTEM COMPONENTS: shall comply with ASTM C635 and E580 Section 5.1.
2.1 The ceiling grid system must be rated heavy duty as defined by ASTM C635
2.2 Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #12 gage (0.106" diameter) with soft temper and minimum tensile strength = 70 ksi.
2.3 Main runners, cross runners, splices, expansion devices, intersection connectors shall be designed to carry a mean ultimate test load of not less than 180 lbs. in compression and tension per ASTM E580 Section 5.1.2.

3. SUSPENSION SYSTEM INSTALLATION: shall comply with ASTM C636 and E580 Section 5.2.
3.1 #12 gage hanger wires may be used for up to and including 4 ft. by 4 ft. grid spacing and shall be attached to main runners.
3.2 Provide #12 gage hanger wires at the ends of all main and cross runners within eight (8) inches of the support or within one-fourth (1/4) of the length of the end tee, whichever is least, for the perimeter of the ceiling area. See Sheet A-521, Detail 15. Perimeter wires are not required when the length of the end tee is eight (8) inches or less.
3.3 Ceiling grid members shall be attached to two (2) adjacent walls per ASTM E580 Section 5.2.3. Ceiling grid members shall be at least 3/4 inch clear of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free, and a minimum of 3/4 inch clear of wall.
3.4 The width of the perimeter supporting closure angle shall be not less than 2 inches. Grid systems with specialty angles and support clips may be acceptable in accordance with Section 11 below.
3.5 At the perimeter of the ceiling area where main or cross runners are not connected to the adjacent wall, provide interconnection between the runners at the free end to prevent lateral spreading. A metal spreader strut or a #16 gage wire with a positive mechanical connection to the runner may be used and placed within eight (8) inches of the wall. Where the perpendicular distance from the wall to the first parallel runner is 8 inches or less, this interlock is not required.

4. EXPANSION JOINTS, SEISMIC SEPARATIONS, AND PENETRATIONS:
4.1 Expansion joints shall be provided in the ceiling at intersections of corridors and at junctions of corridors with lobbies or other similar areas. See Sheet A-521, Detail 8A.
4.2 For ceiling areas exceeding 2500 square feet, a seismic separation joint shall be provided. Refer to Sheet AD-402, Detail 2 to divide the ceiling into areas not exceeding 2500 square feet. Alternatively, comply with ASTM E580 Section 5.2.9.
4.3 Penetrations through the ceiling for sprinkler heads and other similar devices that are not integrally tied to the ceiling system in the lateral direction shall have a two (2) inch oversized ring, sleeve or adapter through the ceiling tile to allow free movement of one (1) inch in all horizontal directions. Alternatively, per ASTM E580 Section 5.2.8.5, a flexible sprinkler hose fitting that can accommodate 1 inch of ceiling movement shall be permitted to be used in lieu of the oversized ring, sleeve or adapter.

5. LATERAL FORCE BRACING: Lateral force bracing is required per this section for all ceiling areas. The spacing of the bracing assemblies must be shown on the construction documents.
Exception: Lateral force bracing may be omitted for suspended acoustical ceiling systems with a ceiling area of 144 square feet or less, when perimeter support in accordance with Section 3.3 of these requirements or with ASTM E580 Sections 5.2.2 and 5.2.3 are provided and perimeter walls are designed to carry the ceiling lateral forces.
5.1 Provide lateral-force bracing assemblies consisting of a compression strut and four (4) #12 gage splayed bracing wires oriented 90 degrees from each other (see Sheet AD-403, Detail 20.)
5.2 Lateral-force bracing assemblies shall be spaced per Table 1 below for all values of the component importance factor of the ceiling.

TABLE 1: LATERAL FORCE BRACE ASSEMBLY SPACING

Design Spectral Acceleration Parameter S _{0s}	Brace Assembly Spacing
Less than or equal to 1.15	12'x12' Full building height
Greater than 1.15 and less than or equal to 1.73	8'x12' for z/h greater than 0.5 12'x12' for z/h less than or equal to 0.5
Greater than 1.73	8'x8' for z/h greater than 0.5 8'x12' for z/h less than or equal to 0.5

Where, as defined in ASCE 7-10, Section 13.3.1:
z = height in structure of point of attachment of ceiling with respect to the base
h = average roof height of the structure with respect to the base
Where different brace spacing is specified at various stories, the respective ceiling plan shall clearly indicate the brace spacing.
There shall be a brace assembly a distance of not more than one half of the above spacing from each surrounding wall, expansion joint and at the edges of any ceiling vertical offset. For example, where the brace spacing is 8'x12', the distance shall be 4 feet in the direction of the 8 foot spacing and 6 feet in the direction of the 12 foot spacing.

- 5.3 The slope of bracing wires shall not exceed 45 degrees from the plane of the ceiling and wires shall be taut. Splices in wires are not permitted without DSA approval.
5.4 Compression struts shall be adequate to resist the vertical component induced by the bracing wires, and shall not be more than 1 (horizontal) in 6 (vertical) out of plumb.

6. ATTACHMENT OF HANGER AND BRACING WIRES:
6.1 Fasten hanger wires with not less than three (3) tight turns in 3 inches. Hanger wire loops shall be tightly wrapped and sharply bent to prevent any vertical movement or rotation of the member within the loops (see ASTM E580, Section 5.2.7.2).
6.2 Fasten bracing wires with four (4) tight turns. Make all tight turns within a distance of 1-1/2 inches.
6.3 Hanger or bracing wire anchored to the structure should be installed in such a manner that the direction of the anchor aligns as closely as possible with the direction of the wire.

- 6.4 Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
6.5 Hanger wires shall not attach to or bend around interfering material or equipment. Provide trapeze or other supplementary support members at obstructions to typical hanger spacing. See Sheet AD-402, Detail 18. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits, or discontinuous areas.

- 6.6 Hanger wires that are more than 1 (horizontal) in 6 (vertical) out of plumb shall have counter-sloping wires. Perimeter hanger wires at main runners that are positively attached to the perimeter closure angle, counter-sloping is optional.
Note: See ASTM C-636 Figure 1 for counter-sloping methods.
6.7 When connection details differ from those in the attached figures, attachment of bracing wires to the structure above and to the main runners shall be adequate for the load imposed. The weight (Wp) shall be taken as not less than 4 psf for calculating seismic forces (Fp).
6.8 When drilled-in concrete anchors or powder actuated fasteners are used in reinforced concrete for hanger wires, 1 out of 10 wire/anchor assemblies must be field tested for 200 lbs. in tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 wire/anchor assemblies must be field tested for 440 lbs. in tension in the direction of the wire. Powder actuated fasteners in concrete are not permitted for bracing wires.
Note: Drilled-in or shot-in anchors require special DSA approval prior to use in prestressed concrete.

7. CEILING FIXTURES, TERMINALS, AND DEVICES: All fixtures, terminals, and other devices shall be mounted in a manner that will not compromise ceiling performance in accordance with Section 13.5.6.2.2(5) of ASCE 7-10 as amended by 2013 CBC Section 1616A.1.20 (1616.10.16*) and ASTM E580 Sections 5.3 and 5.4.
7.1 Ceiling panels shall not support any light fixtures, air terminals or devices.
7.2 LIGHT FIXTURES
7.2.1 All light fixtures shall be positively attached to the ceiling suspension system by mechanical means to resist a horizontal force equal to the weight of the fixture. Screws or approved fasteners are required. Minimum of two attachments are required at each light fixture per ASTM E580 Section 5.3.1.
7.2.2 Light fixtures weighing less than or equal to 10 lb. shall have a minimum of one (1) #12 gage slack safety wire connected from the fixture housing at the structure above.
7.2.3 Light fixtures weighing greater than 0 lb. but less than or equal to 56 lbs. may be supported directly on the fixture housing at diagonal corners and anchored to the structure above.
7.2.4 Light fixtures weighing greater than 56 lb. shall be independently supported by not less than four (4) taut #12 gage wires attached to the housing and to the structure above. The four (4) taut #12 gage wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
7.2.5 All four foot x four foot light fixtures must have slack safety wires at each corner unless supported per Section 7.2.4.
7.2.6 Surface-mounted fixtures shall be attached to the main runner with at least two positive clamping devices made of material with a minimum #14 gage. Rotational spring catches do not comply. A #12 gage suspension wire shall be attached from each clamping device to the structure above. Provide additional supports when light fixtures are eight (8) feet or longer. Maximum spacing between supports shall not exceed eight (8) feet.
7.2.7 Support pendant-mounted light fixtures directly from the structure above with hanger wires or cables passing through each pendant hanger and capable of supporting two (2) times the weight of the fixture. See DSA IR-16-9 for additional requirements for pendant-mounted fixtures. If the pendant mounted light fixture is directly and independently braced below the ceiling, i.e. aircraft cables to walls, then a brace assembly is not required above the ceiling. If the pendant-mounted light fixture is not directly and independently braced below the ceiling, then a bracing assembly, per Sheet AD-402, Detail 4, is required where the pendant hanger penetrates the ceiling. Special details are required to attach the pendant hanger to the bracing assembly to transmit the horizontal force. Exception: where the weight of the fixture is less than 20 pounds, the compression post shown in detail Sheet AD-403, Detail20 is not required.
7.2.8 Rigid conduit shall not be used for attachment of the fixtures.
7.3 SERVICES WITHIN THE CEILING
7.3.1 All flexible sprinkler hose fittings, ceiling-mounted air terminals or other services shall be positively attached to the ceiling suspension systems by mechanical means to resist a horizontal force equal to the weight of the component. Screws or approved fasteners are required. A minimum of two attachments are required at each component.
7.3.2 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing less than or equal to 20 lb. shall have one (1) #12 gage slack safety wire attached to the terminal or service to the structure above.
7.3.3 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 20 lb. but less than or equal to 56 lb. shall have two (2) #12 gage slack safety wires attached to the terminal or service to the structure above.
7.3.4 Flexible sprinkler hose fittings, ceiling-mounted air terminals or other services weighing more than 56 lb. shall be supported directly from the structure above by not less than four (4) taut #12 gage wires attached to the terminal or service and to the structure above. The four (4) taut #12 wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.

- 7.4 OTHER DEVICES WITHIN THE CEILING
7.4.1 All lightweight miscellaneous devices, such as strobe light, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling grid per section 7.3.1 of these requirements. In addition, devices weighing more than 10 lbs. shall have a #12 gage slack safety wire anchored to the structure above per Section 7.2.2 of these requirements. Devices weighing more than 20 lbs. shall be supported from the structure above per Section 7.3.4 of these requirements.
8. DSA ACCEPTANCE REPORTS: Ceiling grid systems or components, with valid evaluation reports issued by qualified evaluation agencies, in accordance with DSA IR A-5, are accepted by the DSA, provided the system or component meets the requirements of CBC Section 1616A.1.20 (1616.10.16*), ASTM C635, C636 and E580. Where a qualified evaluation report is utilized, the installation shall comply with all the requirements specified in the evaluation report, i.e. connections, member sizes, perimeter details, special clips to wall angles, etc. In accordance with DSA IR A-5, DSA will accept OSHPD Preapproved Details (OPD) "2013 CBC Standard Suspended Ceiling Details for Acoustical Tile or Lay-in Panel Ceilings."

DRYWALL CEILING SUSPENSION CONVENTIONAL CONSTRUCTION – ONE LAYER

References:

- California Code of Regulations (CCR), Title 24,
Part 2: 2016 California Building Code (CBC), Section 2508 AND IR 25-3

1. MATERIALS: Materials are to comply with applicable CBC Standards. Gypsum board is either ½ inch or 5/8 inch in thickness. Cold-formed steel sections specified in these requirements are identified by a product designator which has been standardized by the American Iron and Steel Institute (AISI) in collaboration with the SteelStud Manufacturers Association (SSMA).

2. DESIGN: These requirements shall be taken as the minimum requirements and apply to a ceiling that is not accessible, has a single layer of gypsum board not exceeding 5/8" thick, and has a total ceiling weight not to exceed four (4) pounds per square foot (psf). A ceiling that is required by CCR Title 24 to be accessible, or otherwise does not meet these limitations, shall meet the applicable requirements of CBC Sections 1607A and 2508.1, and ASCE 7-10, Section 13.3.1.

3. DETAILS OF CONSTRUCTION:
3.1 General: Gypsum board ceilings should not support building components other than air conditioning/heating grills or light fixtures. All such components shall be supported either directly from main runners, or by supplemental framing which is supported by main runners. No vertical loads other than gypsum board dead load shall be applied to cross-furring.
3.2 Vertical Support System: There are many possible variations of hanger and main runner sizes and spacings listed in ASTM C754-04, Table 7. All of the combinations are acceptable, provided the main runner spacing does not exceed 4'-0" and the ceiling area supported by a hanger wire does not exceed 16 square feet.
3.2.1 Main Runner Spacing and Span: The main runner most frequently used is a 1-1/2 inch cold rolled channel designated 150U050-54 (1-1/2 inch cold rolled channels weighing 0.414 lbs/ft) spaced no more than 4'-0" o.c. with a hanger wire spacing not to exceed 4'-0" o.c. and no more than 6" from each end of the main runner.
3.2.2 Vertical hanger wires: Ceiling wire shall be Class 1 zinc coated (galvanized) carbon steel conforming to ASTM A641. Wire shall be #9 gage (0.148" diameter) with soft temper and minimum tensile strength = 70 ksi.
3.2.3 Cross-furring: 7/8 inch galvanized steel hat sections, designated 087F 125-18, at 24 inches o.c. maximum.
3.3 Connecting Hanger Wires, Steel Framing and Furring:
3.3.1 Hanger wires shall be saddle-tied to the main runners per Sheet A-521, Detail 6.
3.3.2 Cross furring shall be saddle-tied to the main runners with at least one strand of #16 gage, or two strands of #18 gage tie wire.
3.3.3 Main runners shall be spliced by lapping and interlocking flanges and installing two (2) #8 screws at each end of splice. The lap must be a minimum of 12 inches long.
3.3.4 Cross furring shall be spliced by lapping and interlocking the pieces and installing two (2) #8 screws at each end of splice. The lap must be a minimum of eight (8) inches long.
3.4 Installation and Anchorage of Hanger and Bracing Wires: Fasten hanger wires with not less than three (3) tight turns within a distance of three inches. Hanger wire loops shall be tightly wrapped and sharply bent to prevent any vertical movement or rotation of the member within the loops (see ASTM E580, Section 5.2.7.2). Fasten bracing wires with four (4) tight turns within a distance of one and one-half (1-1/2) inches. Hanger and bracing wire anchors shall be installed in such a manner that the direction of the anchor aligns as closely as possible with the direction of the wire.
3.4.1 Separate all ceiling hanger and bracing wires at least six (6) inches from all unbraced ducts, pipes, conduit, etc.
3.4.2 When drilled-in concrete anchors or power actuated fasteners are used in reinforced concrete for hanger wires, 1 out of 10 must be field tested for 200 lbs. in tension. When drilled-in concrete anchors are used for bracing wires, 1 out of 2 must be field tested for 440 lbs in tension. Power actuated fasteners in concrete are not permitted for bracing wires. If any power actuated fastener or drilled-in anchor fails, see 2016 CBC Section 1910A.5. Note: Drilled-in anchors or power actuated fasteners embedment depth shall be limited in prestressed concrete to not impinge tensioned reinforcement or special procedures shall be developed to locate and clear tensioned reinforcement.
3.4.3 Provide trapeze or other supplementary support members at obstructions to typical hanger spacing. Provide additional hangers, struts or braces as required at all ceiling breaks, soffits or discontinuous areas. Hanger wires that are more than 1 in 6 out of plumb are to have counter-sloping wires.

4. CEILING FIXTURES, TERMINALS, AND DEVICES:
4.1 All recessed or drop-in light fixtures, as well as ceiling mounted mechanical air terminals and services, shall be supported directly by main runners or by supplemental framing which is supported by main runners and positively attached with screws or other approved connectors to resist a horizontal force equal to the weight of the component. A minimum of two attachments are required at each fixture and component.
4.2 Surface mounted fixtures shall be attached to a main runner with a positive clamping device made of material with a minimum of 14 gage. Rotational spring clamps do not comply.
4.3 Light fixtures, grilles, mechanical terminals, and flexible sprinkler hose fittings or other services weighing greater than 20 lbs. must be independently supported by not less than two (2) taut #12 gage wires where less than 56 pounds, and four (4) taut #12 gage wires where greater than or equal to 56 pounds, and attached to the housing and to the structure above. The wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
4.4 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling per Section 4.1 of these requirements. Devices weighing more than 20 lbs. shall be supported from the structure above per Section 4.3 of these requirements.
4.5 Penetrations through the ceiling for sprinkler heads and other similar devices that are not integrally tied to the ceiling system in the lateral direction shall have a two (2) inch oversized ring, sleeve or adapter through the ceiling tile to allow free movement of one (1) inch in all horizontal directions. Alternatively, per ASTM E580, Section 5.2.8.5, a flexible sprinkler hose fitting that can accommodate 1 inch of ceiling movement shall be permitted to be used in lieu of the oversized ring, sleeve, or adapter.
4.6 Access Panels: Access to the space between the ceiling and the floor or roof above shall not be allowed. Small access panels for the inspection, adjustment or repair of utility switches, valves, sensor, etc. may be allowed if the panel is less than 300 square inches. Such panels shall also have a permanently attached warning label as follows:
"Warning: 1) Do not climb, walk, or crawl on the gypsum board ceiling panels or metal framing.
2) Do not store or stow anything on the gypsum board ceiling panels or metal framing."

4. CEILING FIXTURES, TERMINALS, AND DEVICES:

- 4.1 All recessed or drop-in light fixtures, as well as ceiling mounted mechanical air terminals and services, shall be supported directly by main runners or by supplemental framing which is supported by main runners and positively attached with screws or other approved connectors to resist a horizontal force equal to the weight of the component. A minimum of two attachments are required at each fixture and component.
4.2 Surface mounted fixtures shall be attached to a main runner with a positive clamping device made of material with a minimum of 14 gage. Rotational spring clamps do not comply.
4.3 Light fixtures, grilles, mechanical terminals, and flexible sprinkler hose fittings or other services weighing greater than 20 lbs. must be independently supported by not less than two (2) taut #12 gage wires where less than 56 pounds, and four (4) taut #12 gage wires where greater than or equal to 56 pounds, and attached to the housing and to the structure above. The wires, including their attachment to the structure above, must be capable of supporting four (4) times the weight of the unit.
4.4 All lightweight miscellaneous devices, such as strobe lights, occupancy sensors, speakers, exit signs, etc., shall be attached to the ceiling per Section 4.1 of these requirements. Devices weighing more than 20 lbs. shall be supported from the structure above per Section 4.3 of these requirements.
4.5 Penetrations through the ceiling for sprinkler heads and other similar devices that are not integrally tied to the ceiling system in the lateral direction shall have a two (2) inch oversized ring, sleeve or adapter through the ceiling tile to allow free movement of one (1) inch in all horizontal directions. Alternatively, per ASTM E580, Section 5.2.8.5, a flexible sprinkler hose fitting that can accommodate 1 inch of ceiling movement shall be permitted to be used in lieu of the oversized ring, sleeve, or adapter.
4.6 Access Panels: Access to the space between the ceiling and the floor or roof above shall not be allowed. Small access panels for the inspection, adjustment or repair of utility switches, valves, sensor, etc. may be allowed if the panel is less than 300 square inches. Such panels shall also have a permanently attached warning label as follows:
"Warning: 1) Do not climb, walk, or crawl on the gypsum board ceiling panels or metal framing.
2) Do not store or stow anything on the gypsum board ceiling panels or metal framing."

If fire fighter access is required per CBC Section 1209.2 in attics of combustible construction, the prescriptive suspended ceiling system prescribed in these requirements is not applicable, and the ceiling shall be framed and designed for such loading.

5. LATERAL SYSTEM:

A gypsum board ceiling greater than 144 square feet in area shall be designed to resist its own seismic loads, per Section 2 above, and shall not be permitted to be used to resist primary structural loads or other loads. There are two optional lateral systems for this purpose:

- The brace wire system, per Section 5.1.
- The diaphragm system, per Section 5.2.

Either or both options may be shown on plans or noted in the specifications. If both options are shown on the plans or noted in the specifications, only one option can be used for each separate ceiling area. Fire-rated systems shall be installed per rated listing (i.e. UL, Factory Mutual, etc.) and manufacturers' instruction, and the rated listing may dictate the optional lateral system used.

- 5.1 Brace Wire System: Lateral force bracing assemblies shall consist of a compression strut and four (4) #12 gage splayed bracing wires oriented 90 degrees from each other (see Sheet AD-403, Detail 20). Lateral force bracing assemblies shall be spaced, per Table 1 for all values of the component importance factor (Ip) of the ceiling.

TABLE 1: LATERAL FORCE BRACE ASSEMBLY SPACING

Design Spectral Acceleration Parameter S _{0s}	Brace Assembly Spacing
Less than or equal to 1.15	12'x12' Full building height
Greater than 1.15 and less than or equal to 1.73	8'x12' for z/h greater than 0.5 12'x12' for z/h less than or equal to 0.5
Greater than 1.73	8'x8' for z/h greater than 0.5 8'x12' for z/h less than or equal to 0.5

Where, as defined in ASCE 7-10, Section 13.3.1:
z = height in structure of point of attachment of ceiling with respect to the base
h = average roof height of the structure with respect to the base
Where different brace spacing is specified at various stories, the respective ceiling plan shall clearly indicate the brace spacing.

- 5.1.1 There shall be a brace assembly a distance of not more than one half of the above spacing from each surrounding wall, expansion joint and at the edge of any ceiling vertical offset. For example, where the brace spacing is 8'x12', the distance shall be 4 feet in the direction of the 8 foot spacing and 6 feet in the direction of the 12 foot spacing.
5.1.2 The slope of bracing wires shall not exceed 45 degrees from the plane of the ceiling and shall be taut. Splices in bracing wires are not to be permitted without DSA approval.
5.1.3 Ceiling grid members may be attached to not more than two (2) adjacent walls. Ceiling grid members shall be at least 1 inch free of other walls. If walls run diagonally to ceiling grid system runners, one end of main and cross runners should be free, and a minimum of 1 inch clear of wall.
5.1.4 Suspended ceiling systems with an area of 144 square feet or less, surrounded by walls which connect directly to the structure above, do not require bracing assemblies when attached to at least two adjacent walls and the perimeter walls are designed to carry the ceiling lateral forces.
5.2 Diaphragm System: A suspended gypsum board ceiling may be designed as a horizontal diaphragm to resist its own seismic loads as prescribed in this section. Gypsum board shall not be used in diaphragm ceilings to resist lateral forces imposed by partitions.
5.2.1 Diaphragm Ratios:
Horizontal 2:1 maximum
Vertical 1:1 maximum
5.2.2 A maximum diaphragm shear equal to 50 lbs/ft is allowed with 1 inch or 1-1/4 inch Hi-Lo Type S, or S-12, bugle head screws at 12 inches o.c. at all gypsum board edges (3/8 inch screw edge distance) and at all intermediate supports. A wall constructed similarly can resist the same shear force provided the gypsum board is on the same side of the studs as the ceiling is, and a positive connection between the ceiling and the wall is detailed. The gypsum board diaphragms are to resist lateral loads due to their own weight and/or the ceiling diaphragm(s) only.
5.2.3 Details are required providing for lateral load transfer from the gypsum board to shear walls, or other lateral load resisting elements, on all four sides of the diaphragm. There shall be no steps or vertical offsets in the ceiling plane.
6. DSA ACCEPTANCE OF EVALUATION REPORTS: At the discretion of the DSA, proprietary systems may be accepted under all the following conditions:
1) Acceptance will be granted on a project specific basis.
2) Proprietary systems must meet the requirements of the CBC.
3) Proprietary systems must have valid evaluation reports meeting the provisions of DSA IR A-5.

In accordance with DSA IR A-5, DSA will accept OSHPD Preapproved Details (OPD) "2013 CBC Standard Gypsum Board Ceiling Details for Suspended and Joist Framing Construction."

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

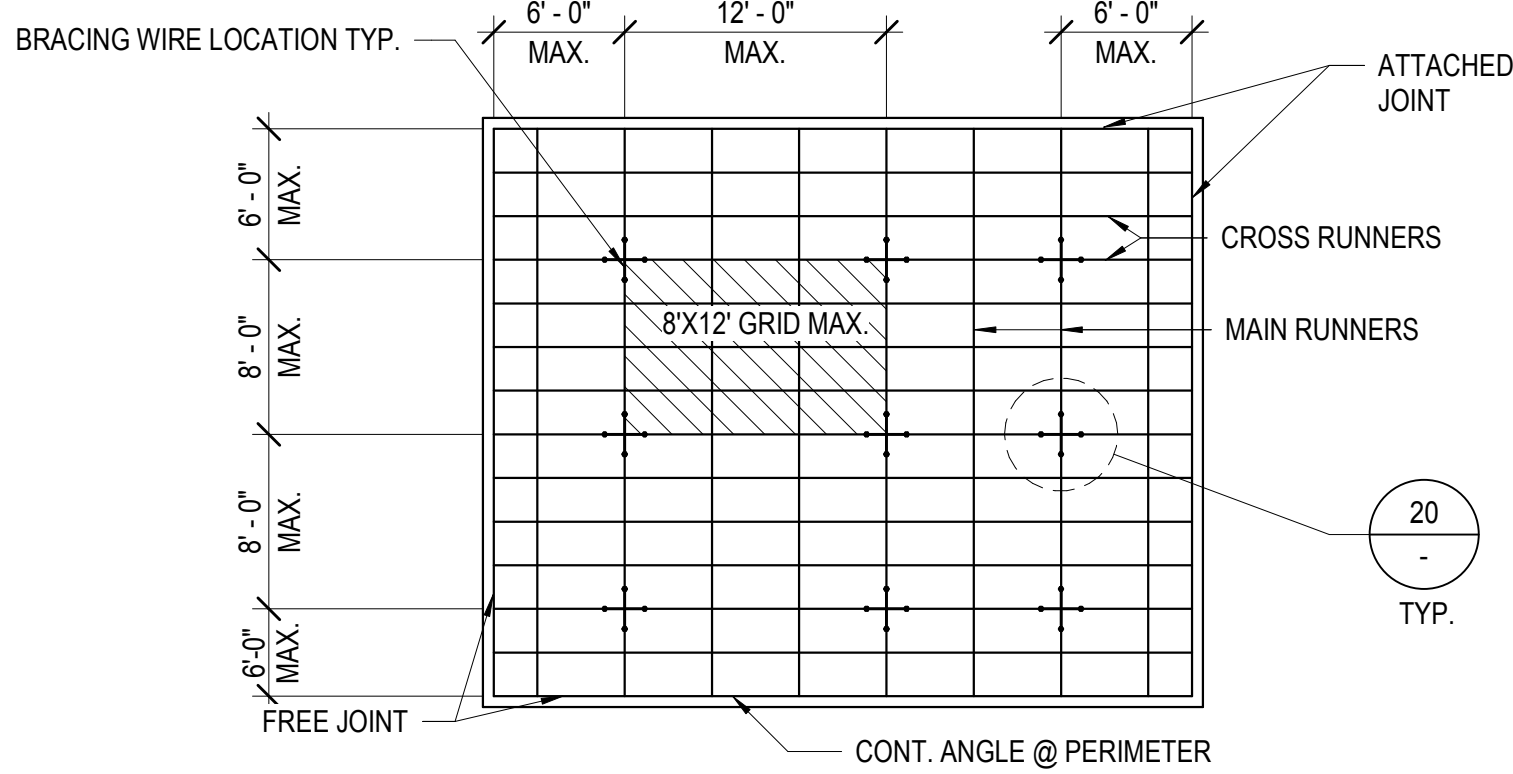
CEILING NOTES

RNT Job No.	17759-04
Date	02/04/2019
Drawn by	EV
Checked by	MB
Sheet Number	

AD-4.0

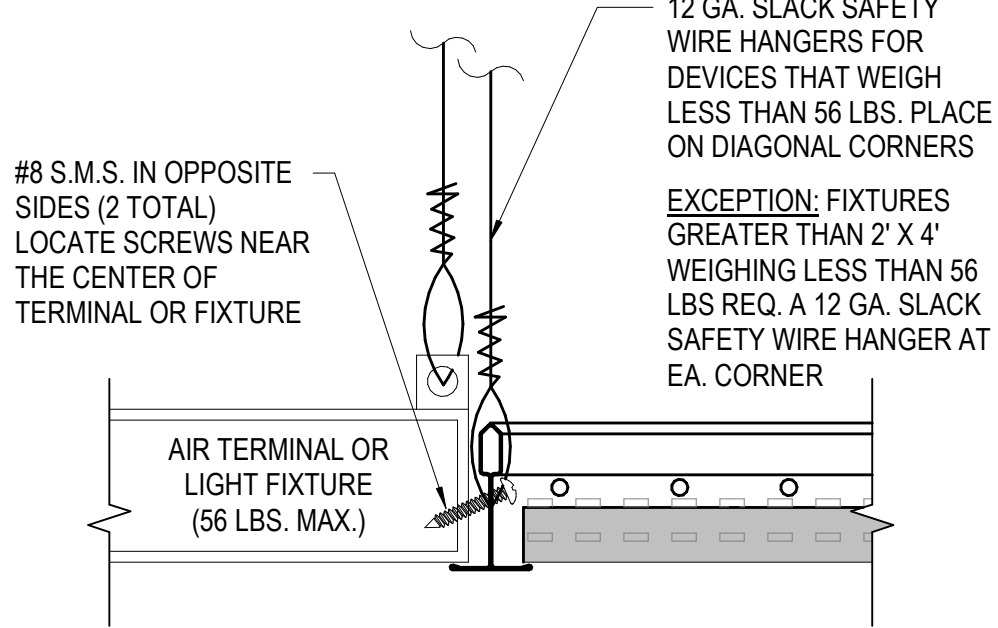
6/29/2019 11:13:34 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



TYP. CEILING PLAN FOR BRACE ASSEMBLY

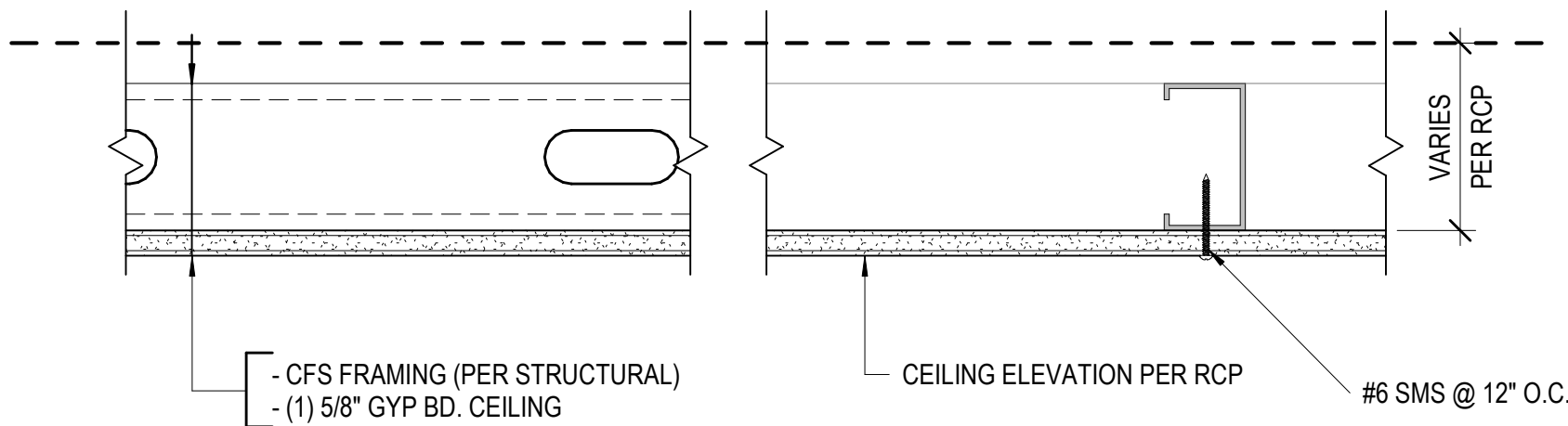
1/8" = 1'-0" 2



LIGHTING FIXTURE @ SUSP. CLG.

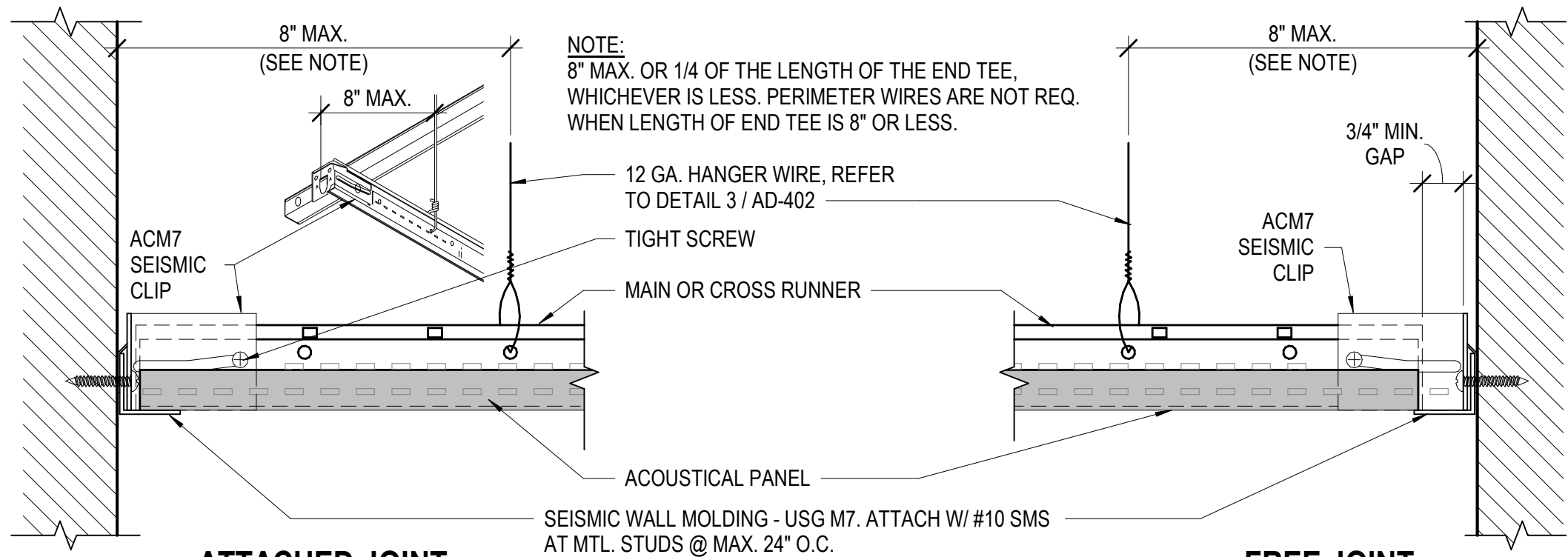
6" = 1'-0" 3

TYPE A: GYPSUM BOARD, TYPE 1, 5/8" TYPE X, PAINTED



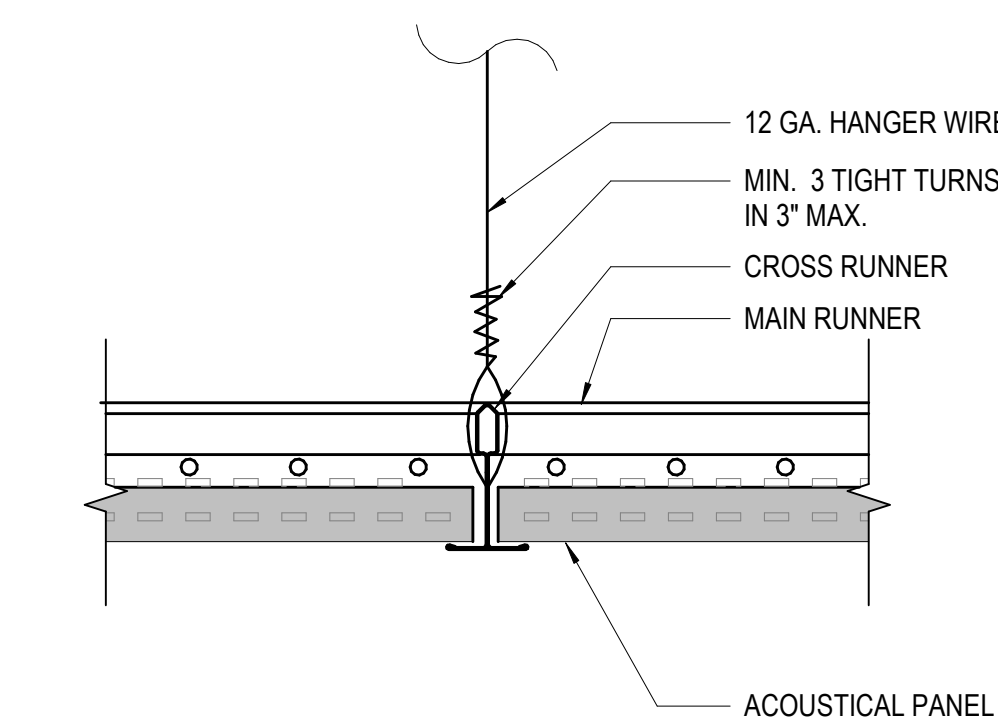
CEILING ASSEMBLY - GYP. BOARD

3" = 1'-0" 5



TYP. EDGE CONDITION - SUSPENDED CEILING

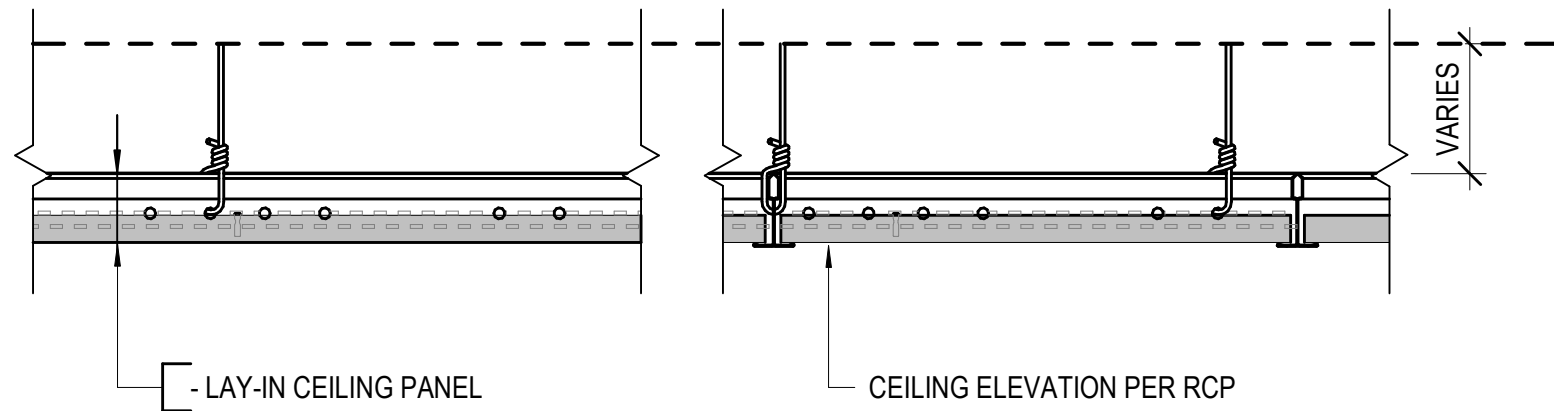
6" = 1'-0" 7



HANG WIRE @ SUSPENDED CEILING

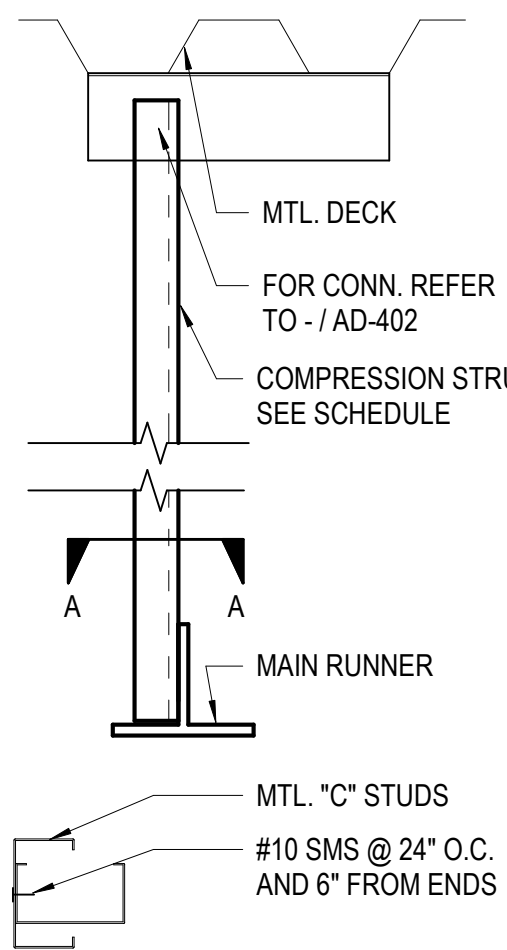
6" = 1'-0" 8

TYPE B: SUSPENDED ACOUSTICAL PANEL CEILING 2' X 4' PANEL



CEILING ASSEMBLY - SUSPENDED CIELING

3" = 1'-0" 10



SECTION A-A

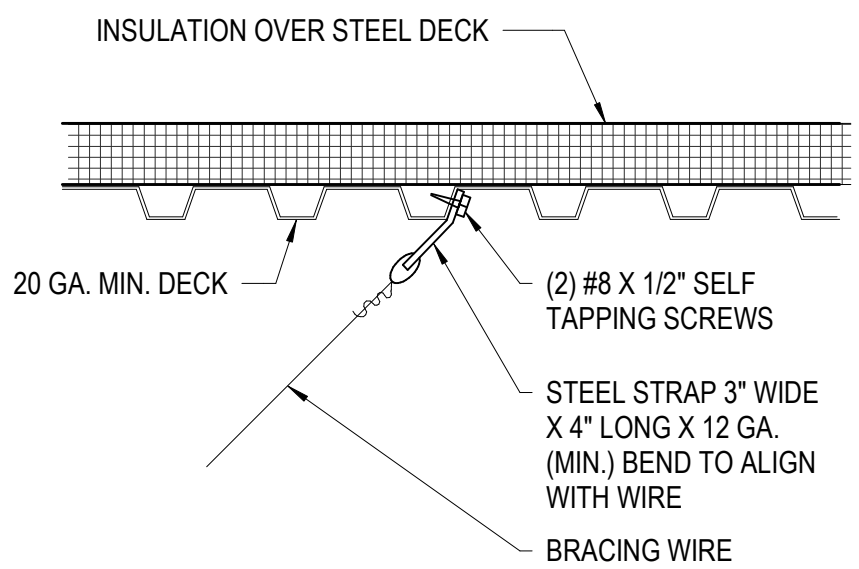
MINIMUM STUD PROPERTIES

STRUT	AREA	S _x	I _x
3/4" X 16 GA. COLD-ROLLED CHANNEL	0.088	0.020	0.007
1 5/8" X 25 GA. "C" STUD	0.082	0.037	0.036
2 1/2" X 25 GA. "C" STUD	0.099	0.065	0.095
3 5/8" X 25 GA. "C" STUD	0.120	0.095	0.225

- NOTES:
1. COMPRESSION STRUTS SHALL NOT REPLACE HANGER WIRES.
 2. COMPRESSION STRUTS ATTACHED AS SHOWN SHALL BE PROVIDED AT BRACING POINTS U.N.O.
 3. ATTACH COMPRESSION STRUT TO MAIN RUNNERS WITHIN 2" OF CROSS RUNNERS

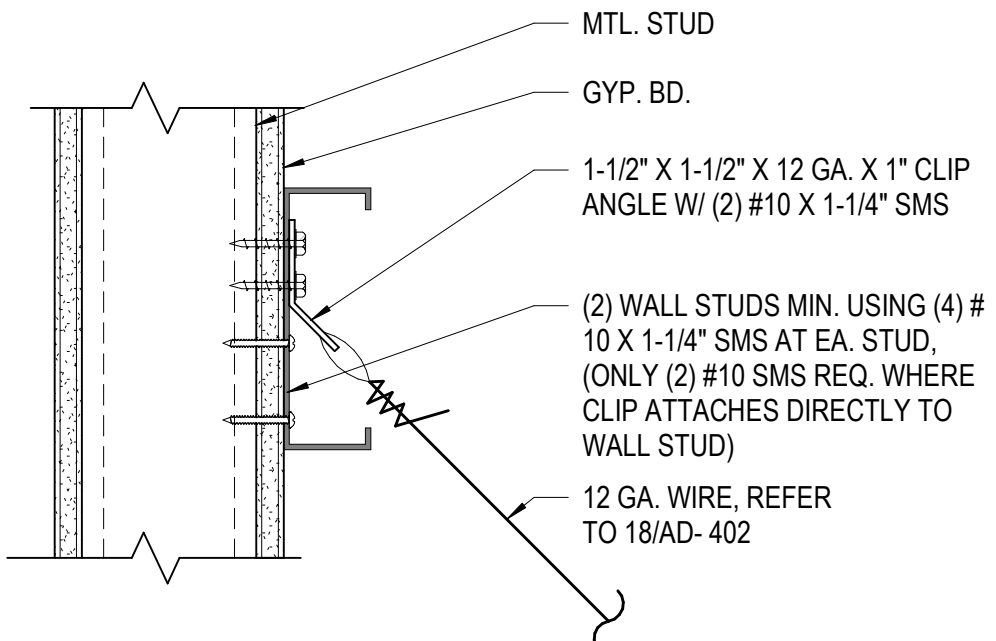
COMPRESSION STRUT

3" = 1'-0" 16



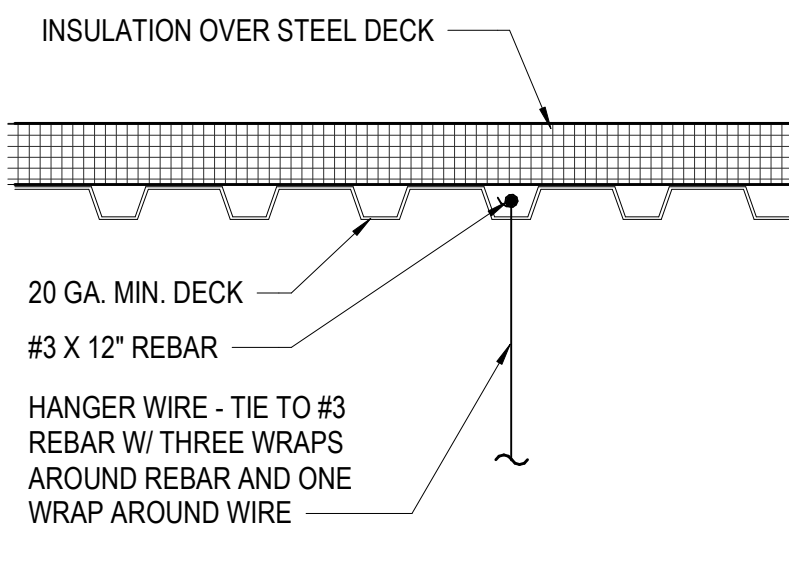
BRACING WIRE TO STEEL ROOF DECK

WIRE CONNECTIONS TO STEEL ROOF DECK



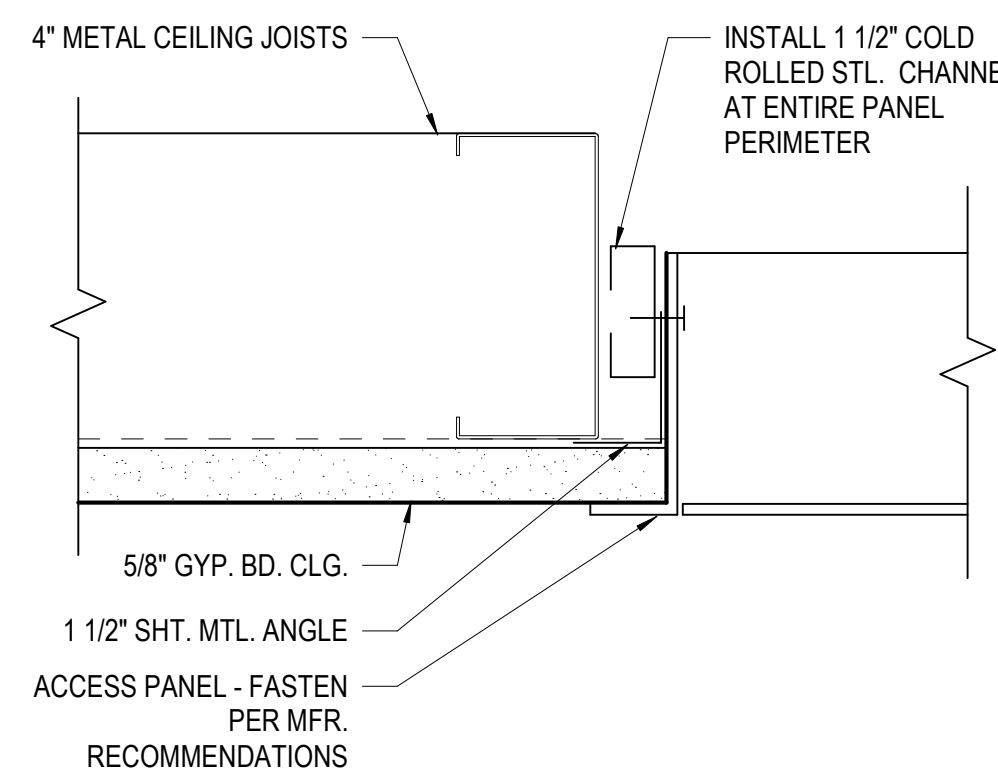
BRACING WIRE @ MTL. STUD

3" = 1'-0" 17



HANGER WIRE TO STEEL ROOF DECK

1 1/2" = 1'-0" 1



ACCESS PANEL @ GYP. BOARD CLG.

6" = 1'-0" 18

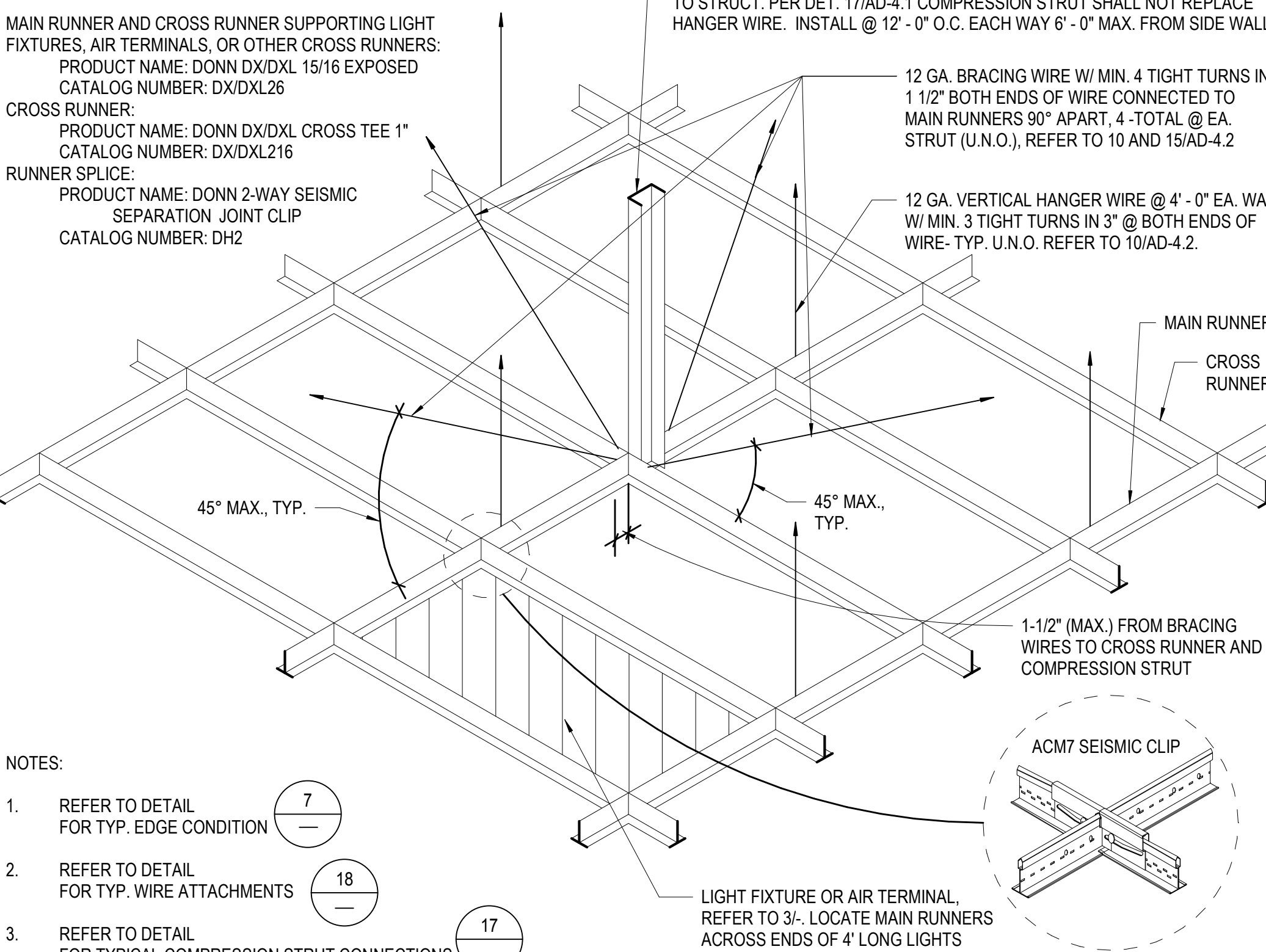
BASIS OF DESIGN: DONN DX/DXL BY USG, ICC-ESR-1222
ALL COMPONENTS SHALL BE HEAVY DUTY.

MAIN RUNNER AND CROSS RUNNER SUPPORTING LIGHT FIXTURES, AIR TERMINALS, OR OTHER CROSS RUNNERS:
PRODUCT NAME: DONN DX/DXL 15/16 EXPOSED
CATALOG NUMBER: DX/DXL26
CROSS RUNNER:
PRODUCT NAME: DONN DX/DXL CROSS TEE 1"
CATALOG NUMBER: DX/DXL216
RUNNER SPLICE:
PRODUCT NAME: DONN 2-WAY SEISMIC SEPARATION JOINT CLIP
CATALOG NUMBER: DH2

COMPRESSION STRUTS - STL. SECTION WITH K/L/R RATIO OF 300 MAXIMUM. ATTACH TO MAIN RUNNERS W/ (2) #12 SELF DRILLING SELF TAPPING SMS AND TO STRUCT. PER DET. 17/AD-4.1 COMPRESSION STRUT SHALL NOT REPLACE HANGER WIRE. INSTALL @ 12' - 0" O.C. EACH WAY 6' - 0" MAX. FROM SIDE WALL

12 GA. BRACING WIRE W/ MIN. 4 TIGHT TURNS IN 1 1/2" BOTH ENDS OF WIRE CONNECTED TO MAIN RUNNERS 90° APART, 4 - TOTAL @ EA. STRUT (U.N.O.), REFER TO 10 AND 15/AD-4.2

12 GA. VERTICAL HANGER WIRE @ 4' - 0" EA. WAY W/ MIN. 3 TIGHT TURNS IN 3" @ BOTH ENDS OF WIRE- TYP. U.N.O. REFER TO 10/AD-4.2.



NOTES:

1. REFER TO DETAIL FOR TYP. EDGE CONDITION
2. REFER TO DETAIL FOR TYP. WIRE ATTACHMENTS
3. REFER TO DETAIL FOR TYPICAL COMPRESSION STRUT CONNECTIONS.
4. REFER TO AD-4.0 FOR ADDITIONAL REQUIREMENTS.

SUSPENDED ACOUSTIC TILE CEILING

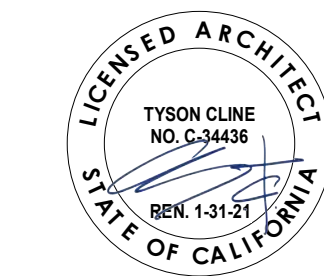
3" = 1'-0" 20

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions	No.	Description	Date

Sheet Name

TYPICAL
CEILING
DETAILS

RNT Job No. 17759.04

Date 02/04/2019

Drawn by JR

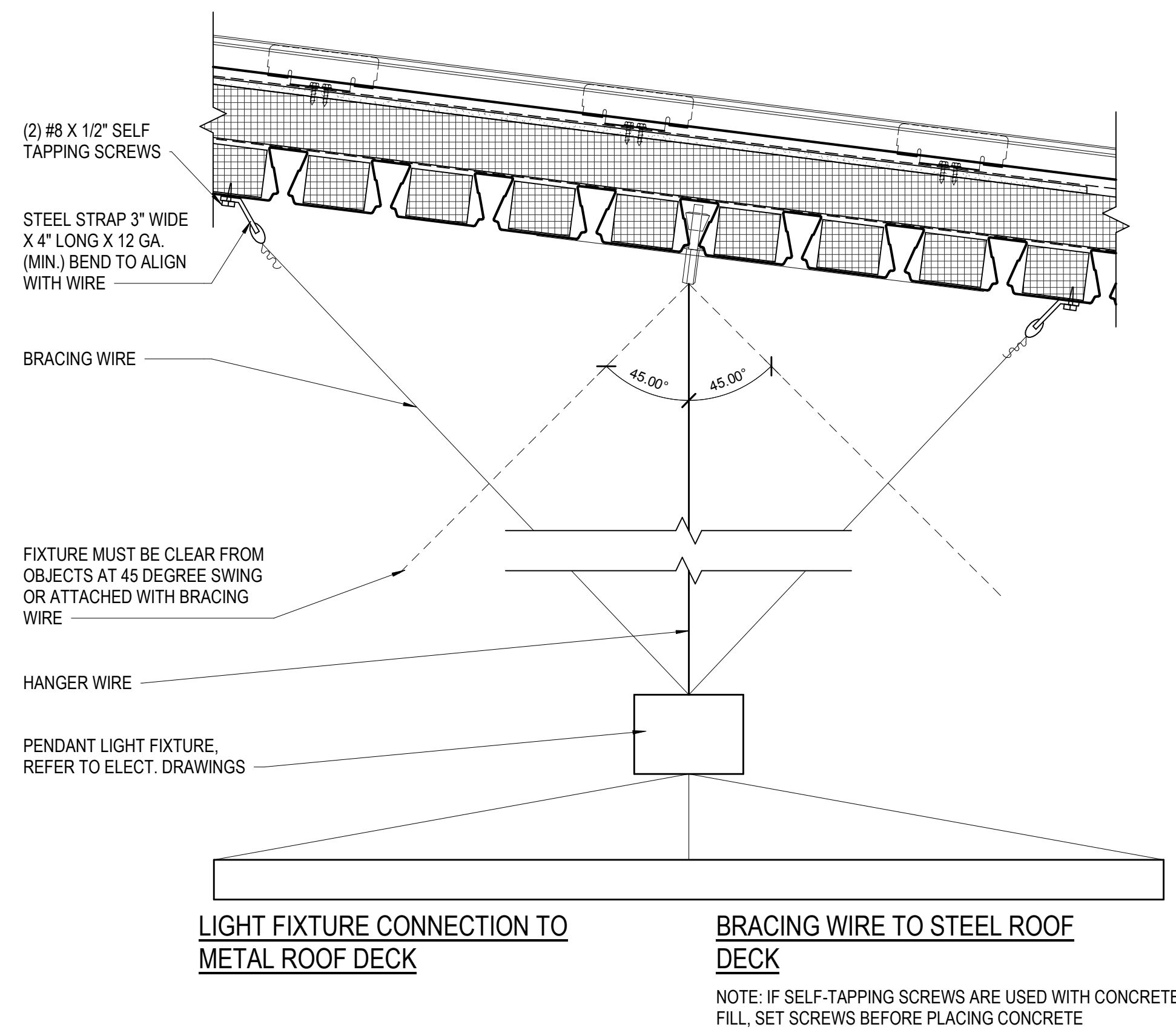
Checked by TB

Sheet Number

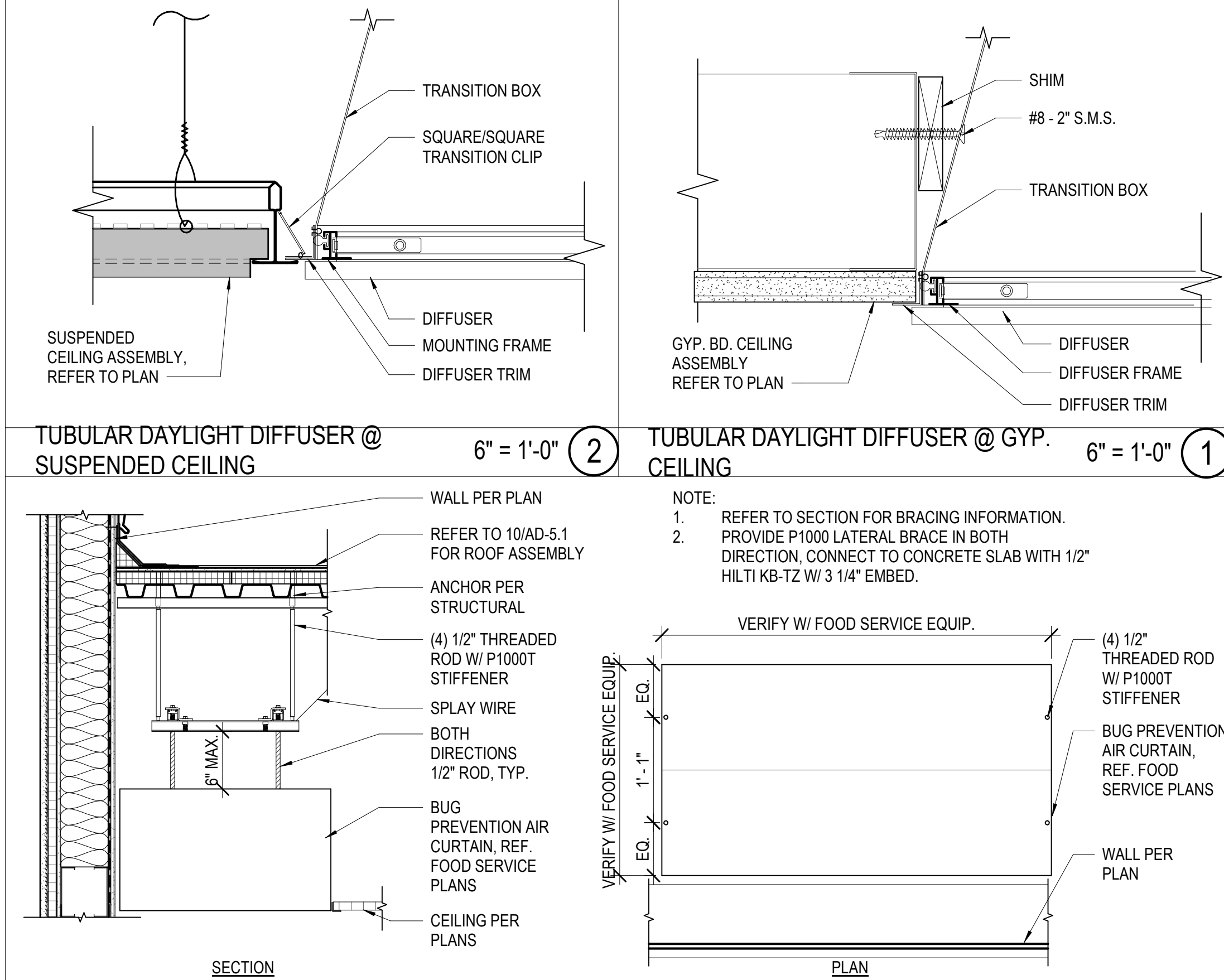
AD-4.1

6/29/2019 11:13:37 AM

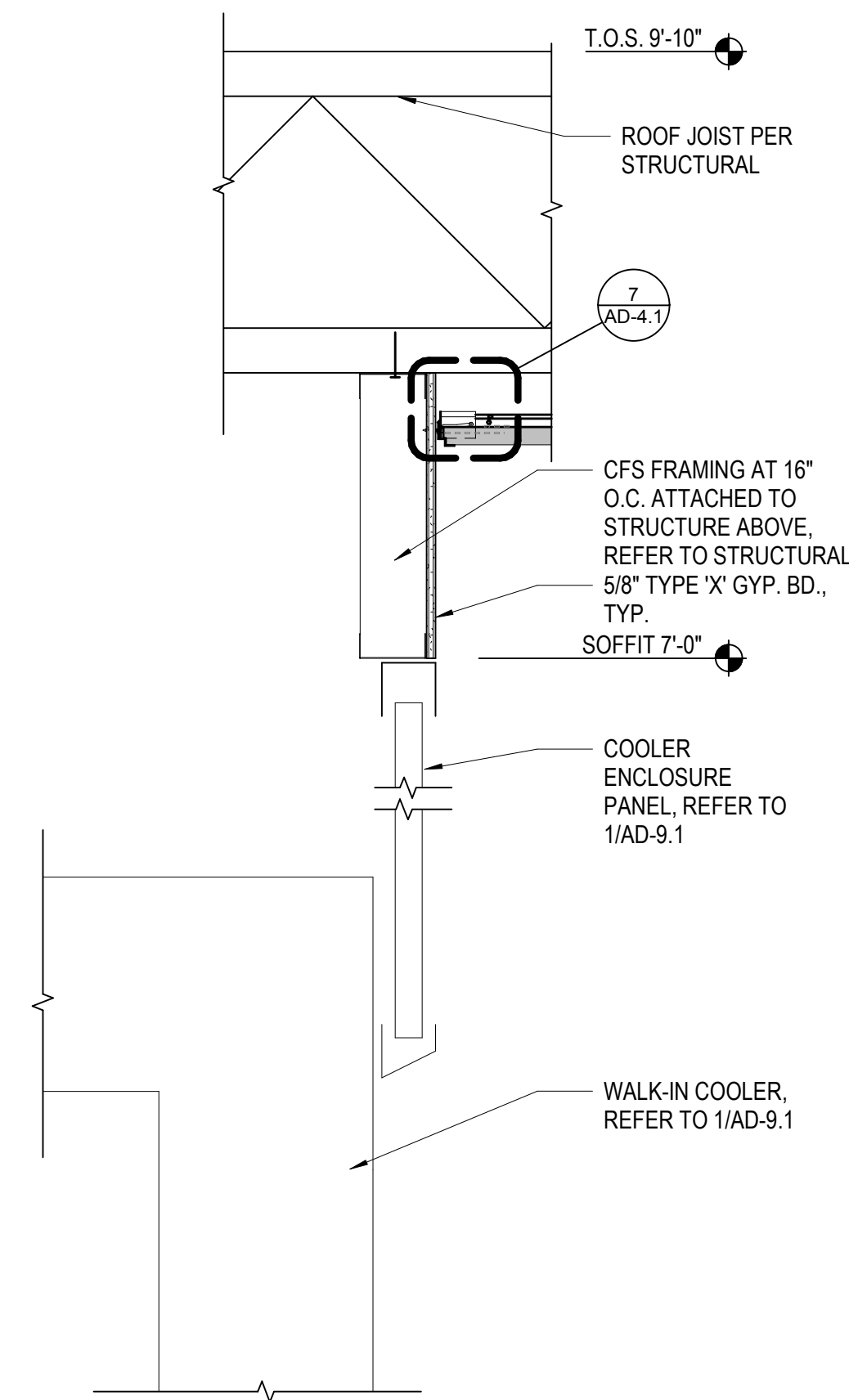
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or a



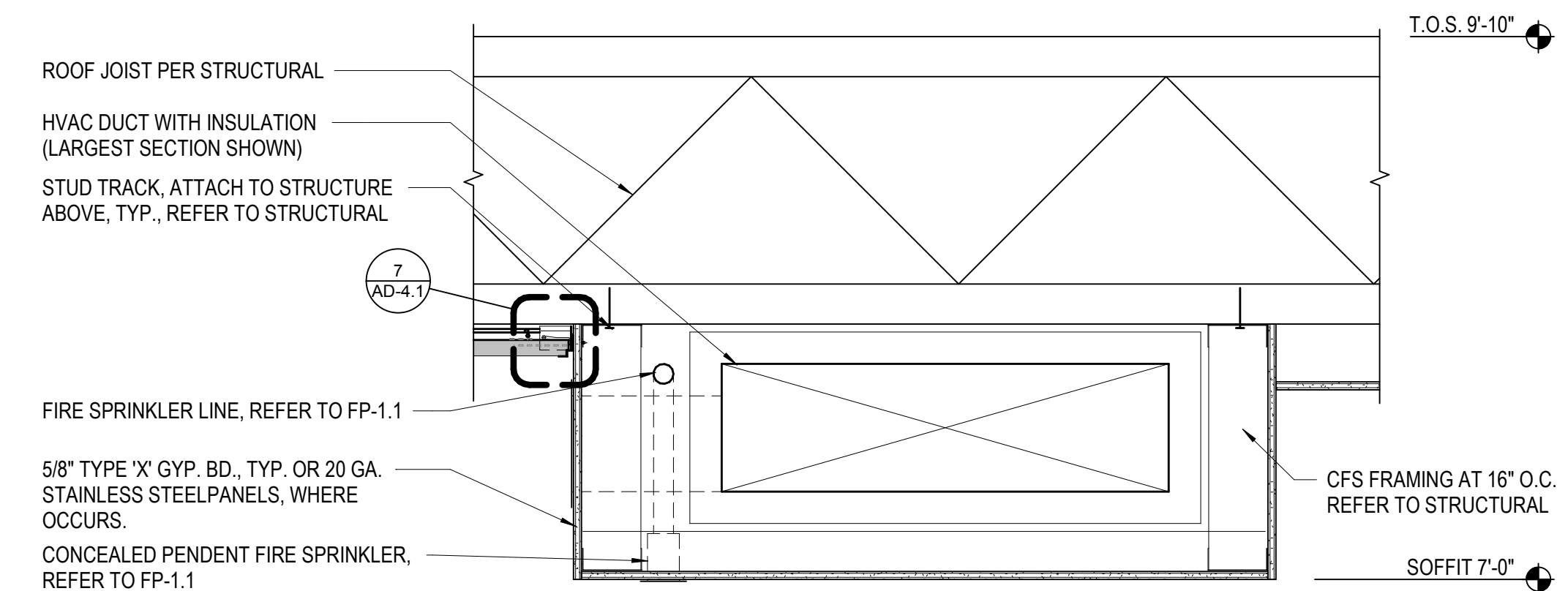
WIRE RESTRAINT TO CEILING



AIR CURTAIN



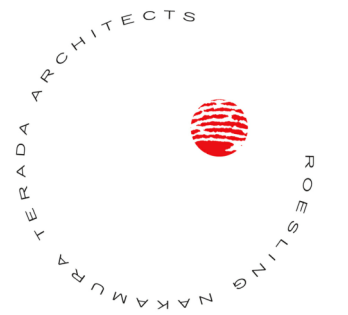
HUNG SOFFIT AT WALK-IN



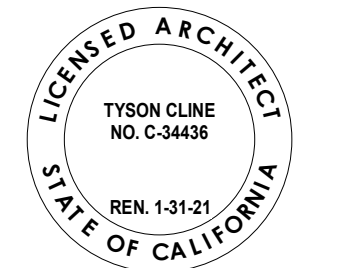
SOFFIT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS_____ FLS _____ SS_____



**Roesling Nakamura
Terada Architects**
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

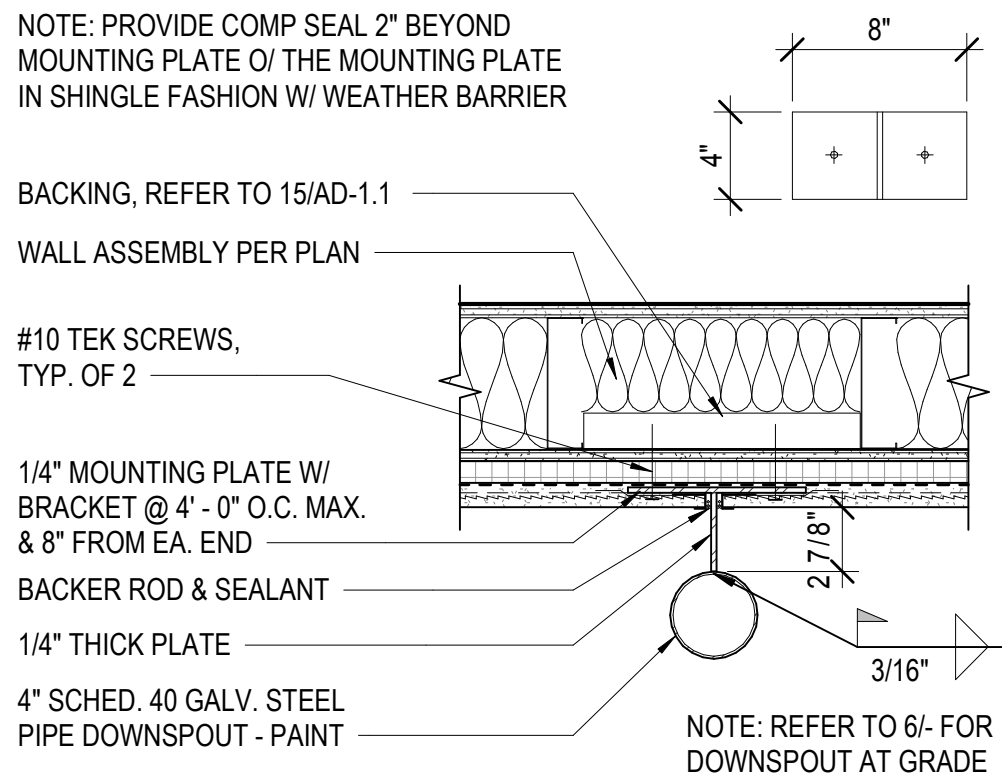
Sheet Name

TYPICAL CEILING DETAILS

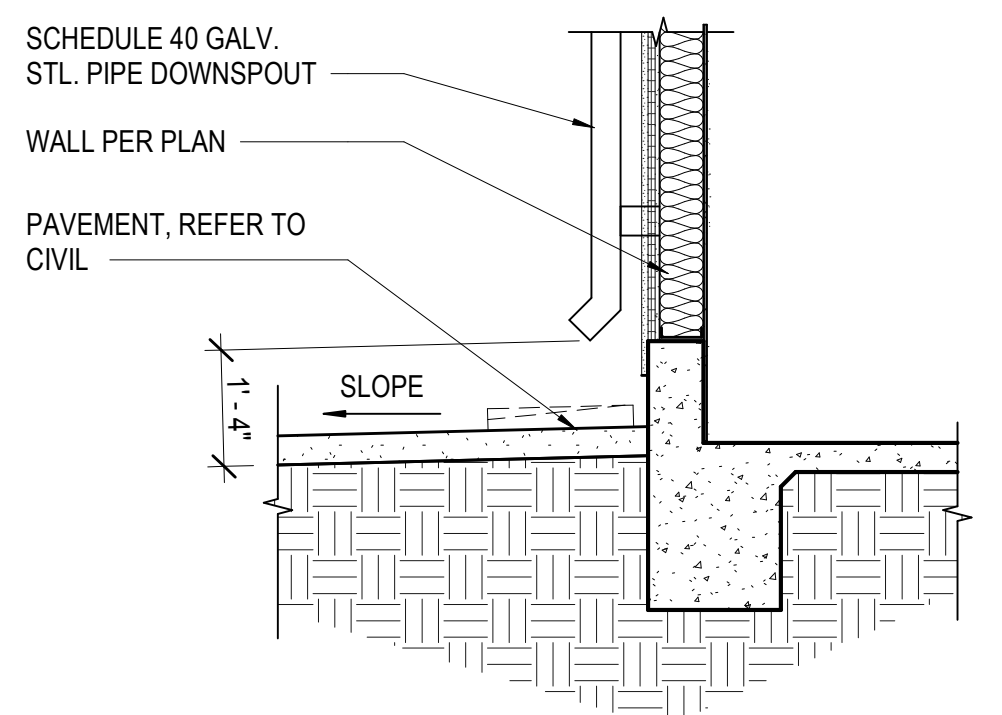
RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-4.2

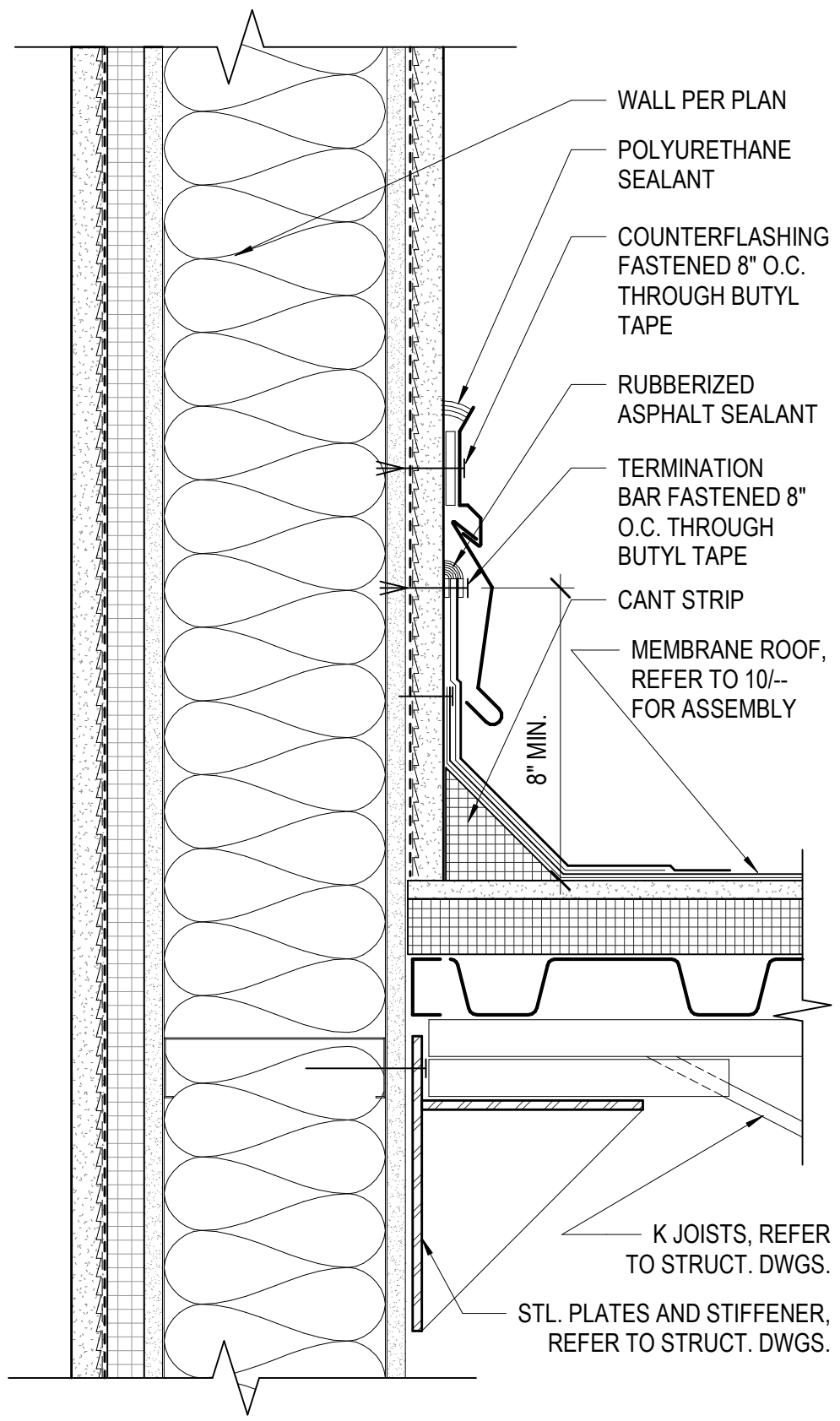
All ideas, arrangements and plans indicated or represented by the drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



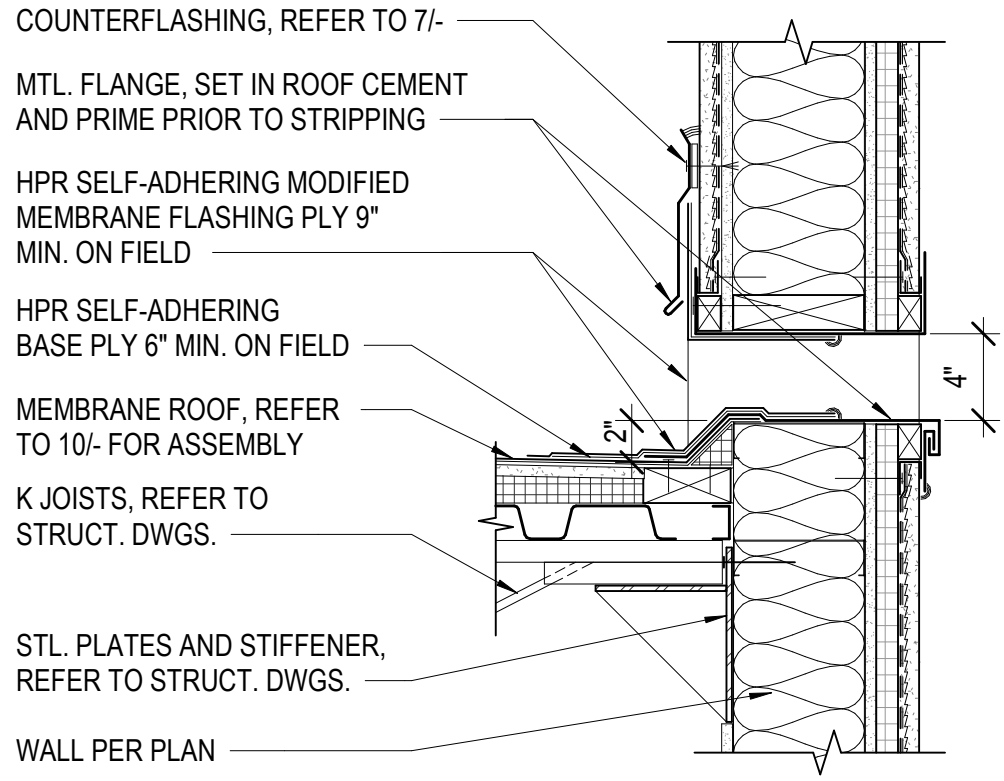
DOWNSPOUT @ EXT. PLASTER 1 1/2" = 1'-0" ①



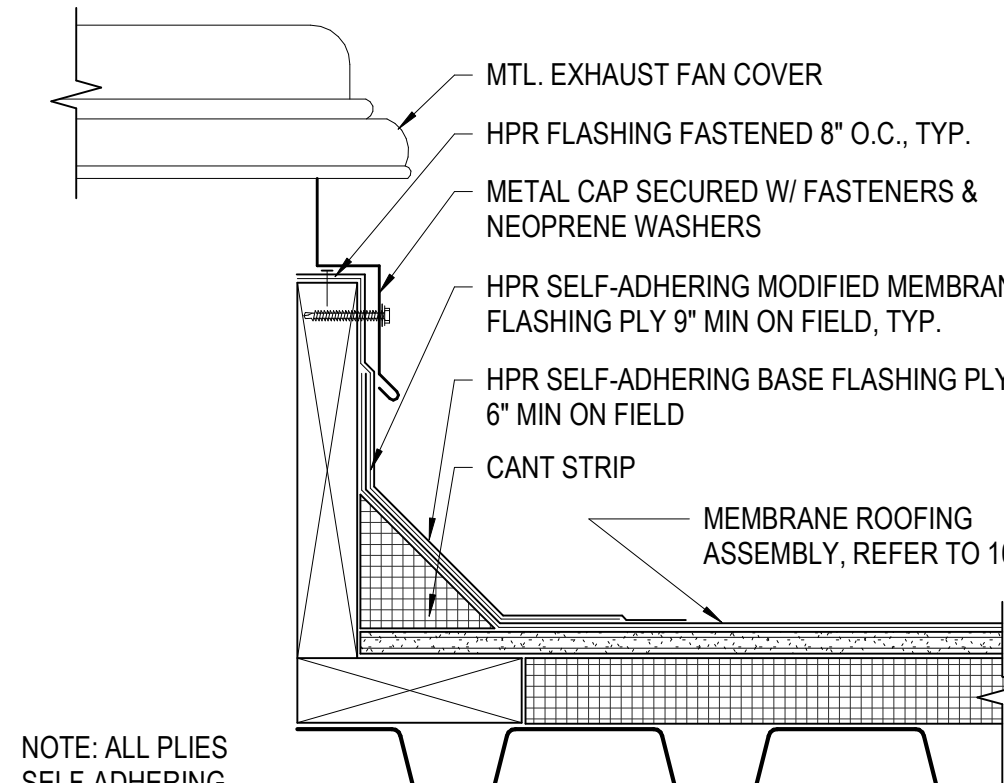
DOWNSPOUT @ GRADE 1/2" = 1'-0" ⑥



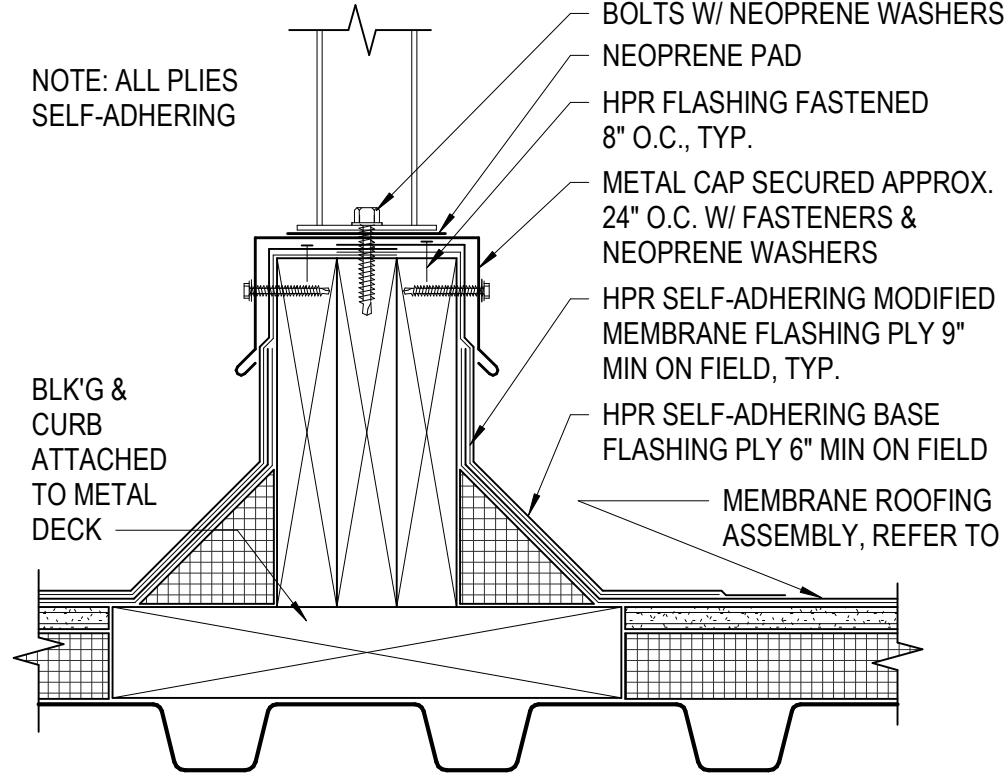
MEMBRANE ROOF @ MTL. STUD WALL 3" = 1'-0" ⑦



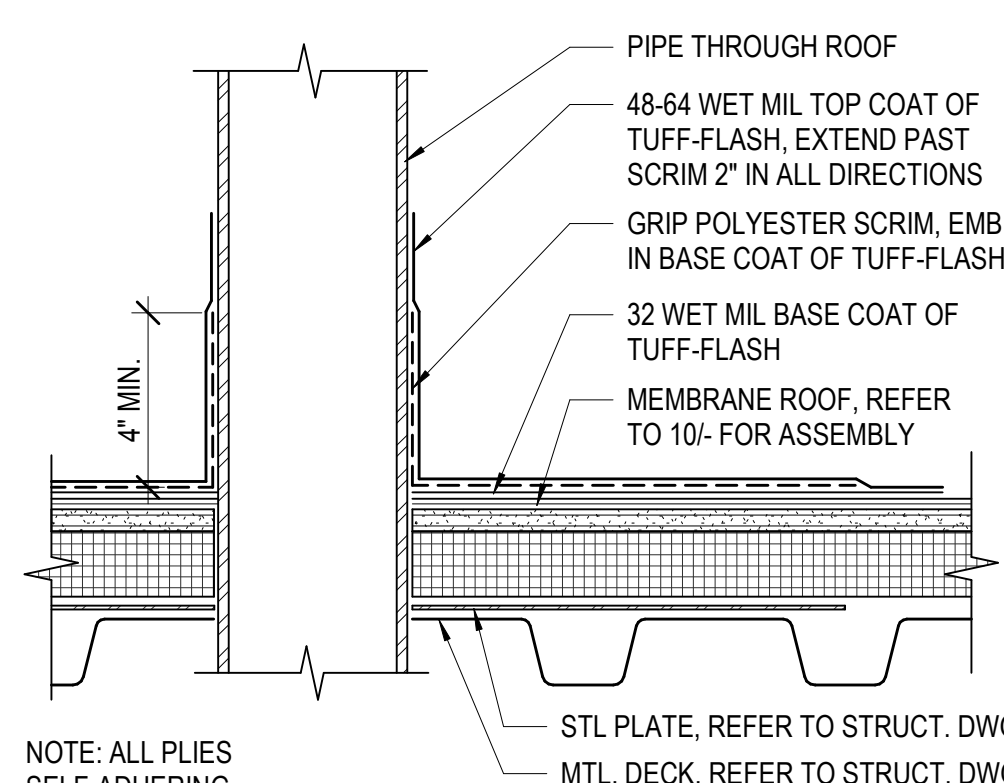
OVERFLOW SCUPPER @ PARAPET WALL 1 1/2" = 1'-0" ③



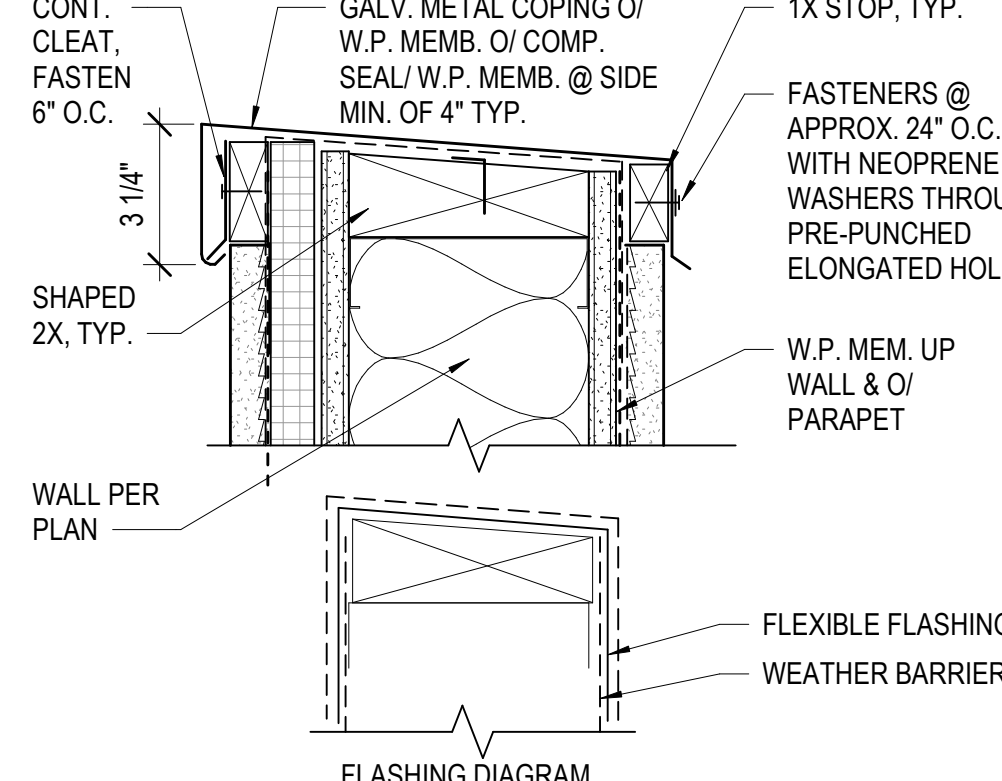
EXHAUST FAN CURB 3" = 1'-0" ⑧



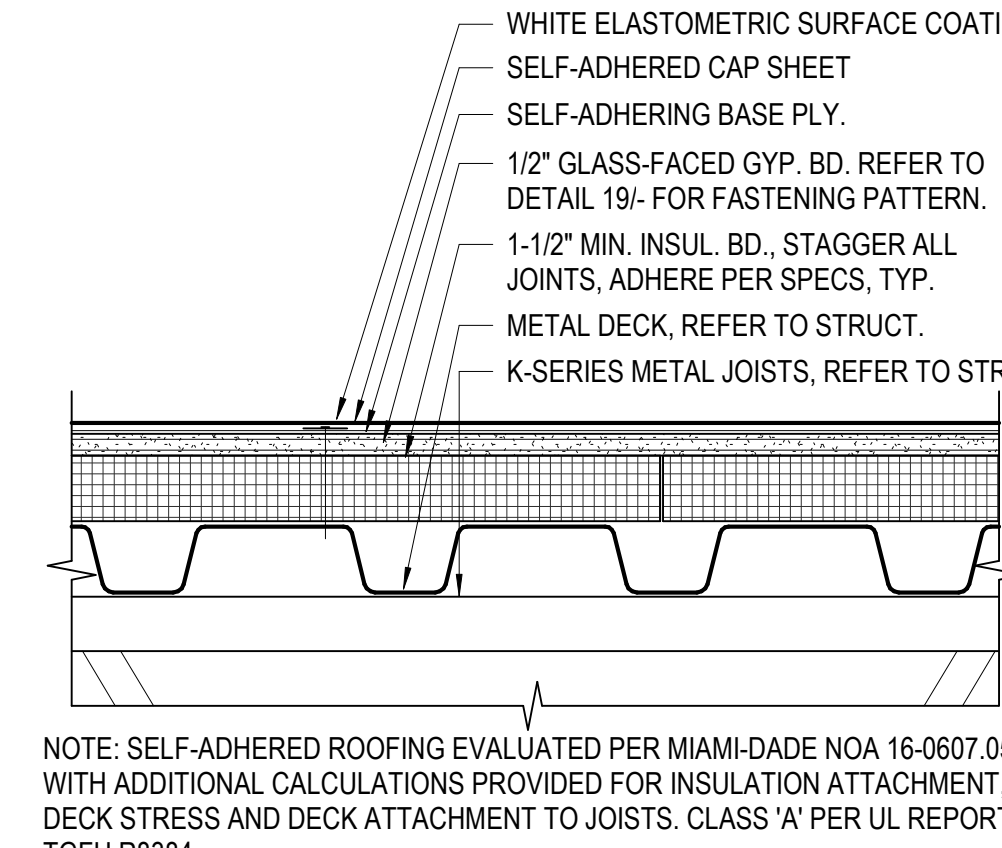
EQUIPMENT SUPPORT 3" = 1'-0" ④



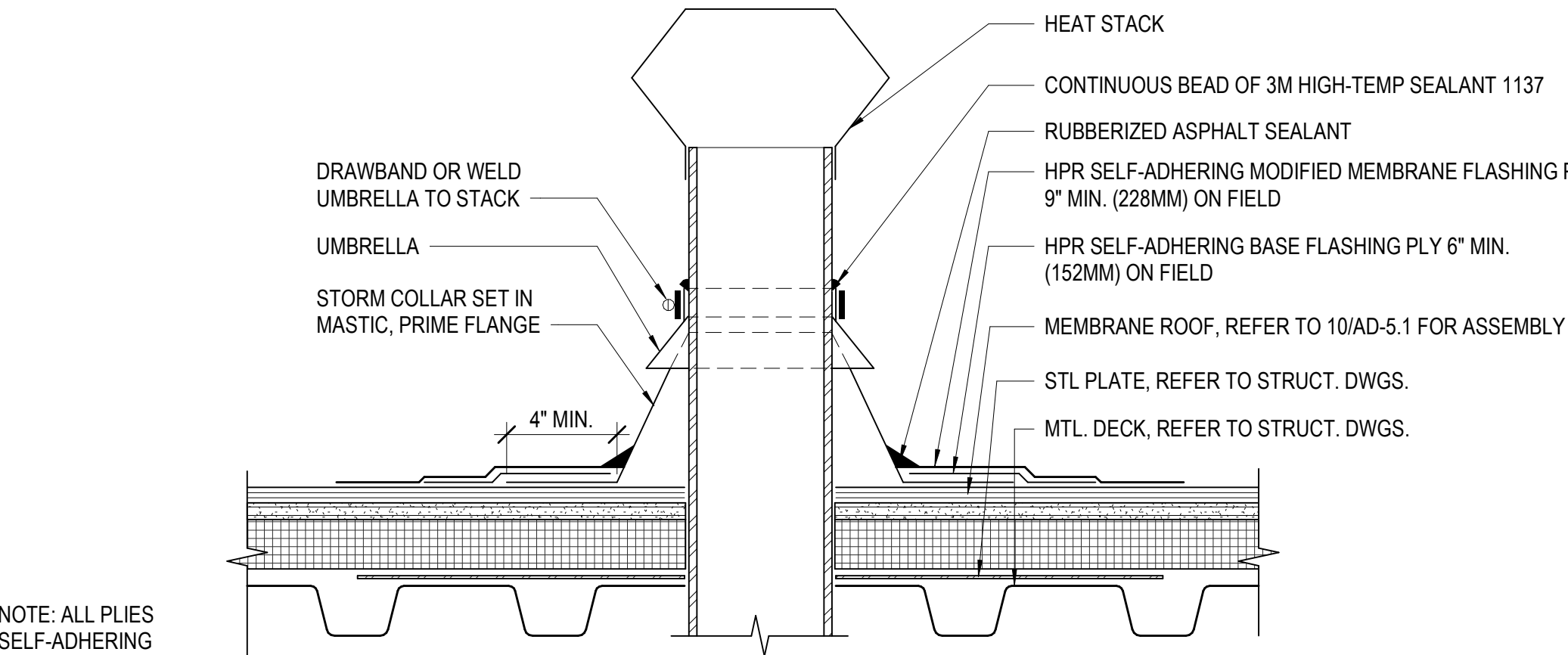
ROOF PENETRATION @ PIPE 3" = 1'-0" ⑨



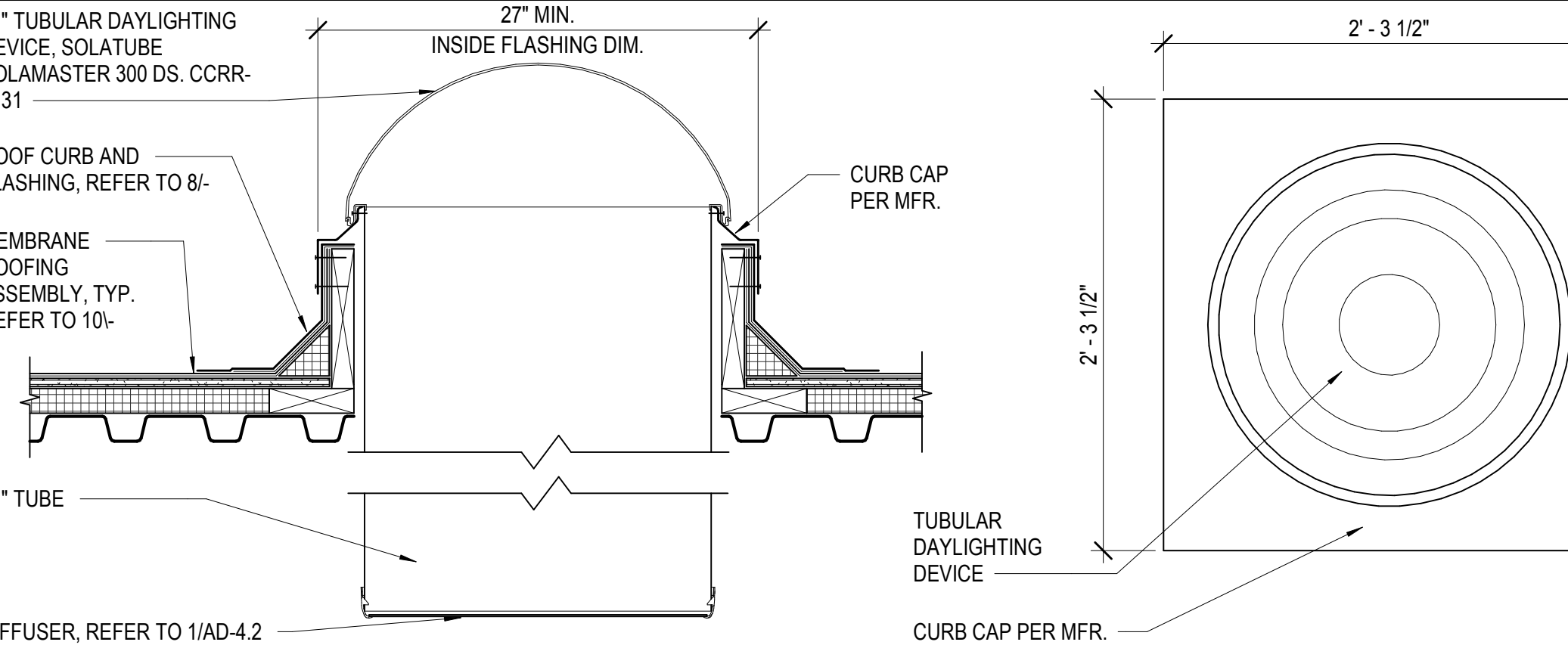
COPING @ MTL. STUD WALL 3" = 1'-0" ⑤



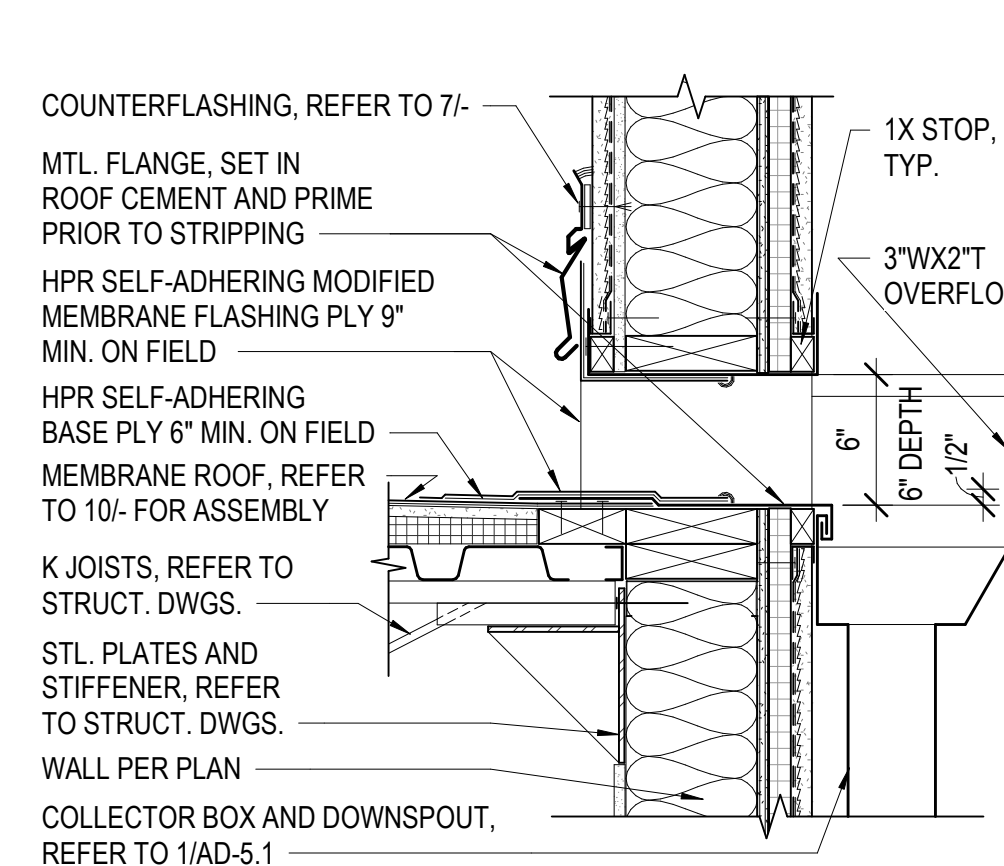
TYPICAL MEMBRANE ROOF ASSEMBLY 3" = 1'-0" ⑩



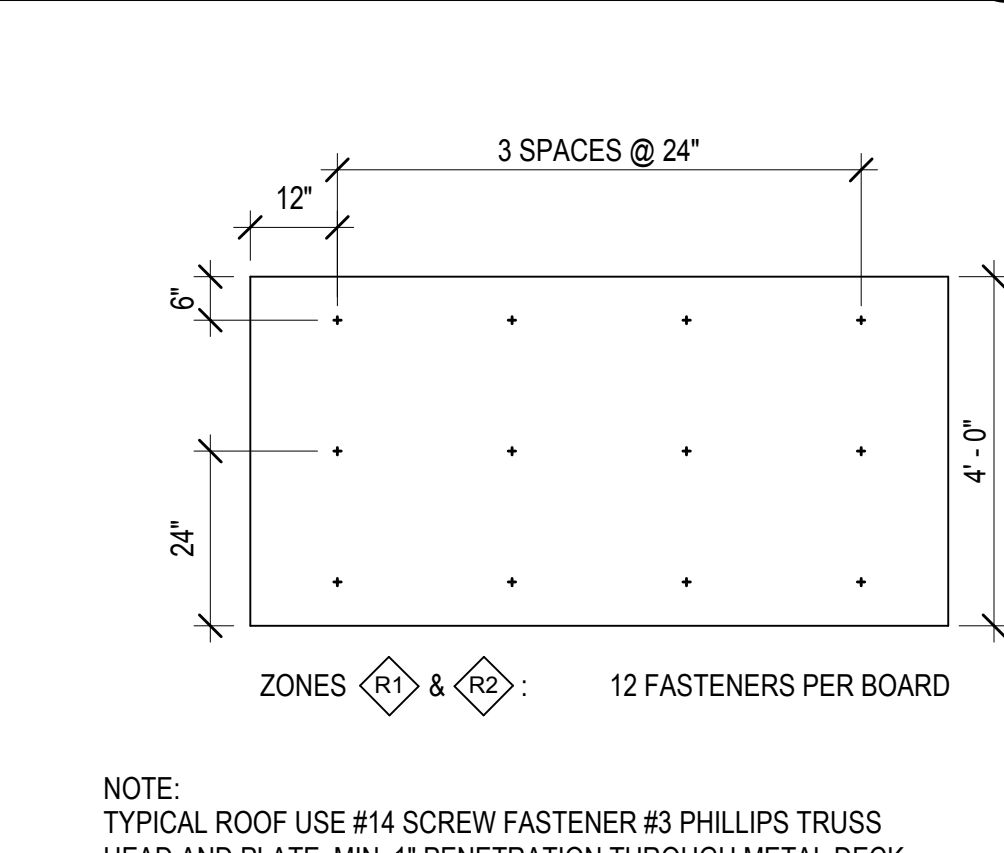
HEAT STACK 3" = 1'-0" ⑫



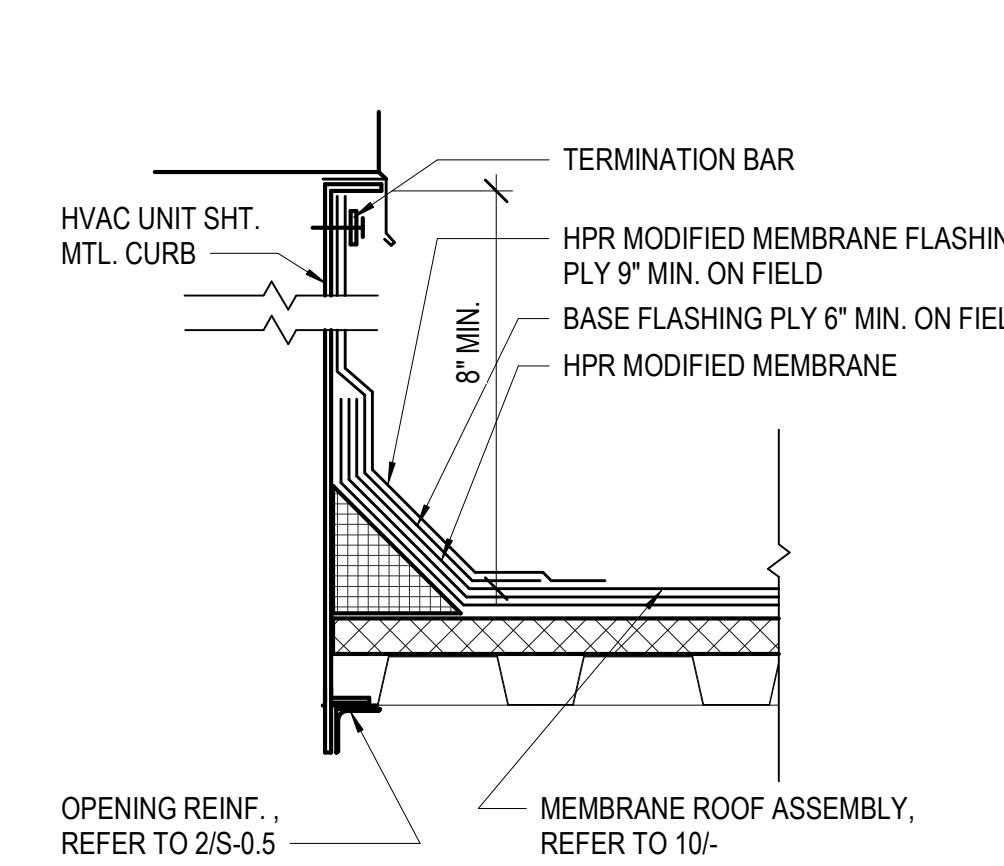
TUBULAR DAYLIGHTING DEVICE 1 1/2" = 1'-0" ⑰



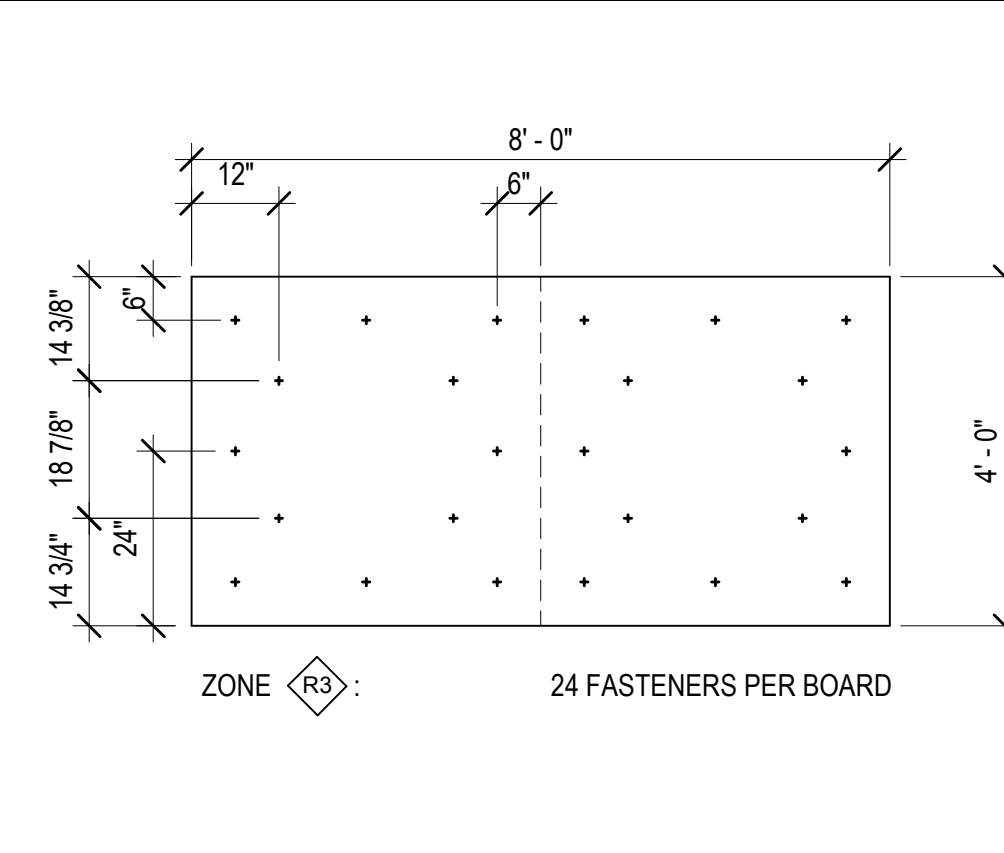
SCUPPER @ PARAPET WALL 1 1/2" = 1'-0" ⑬



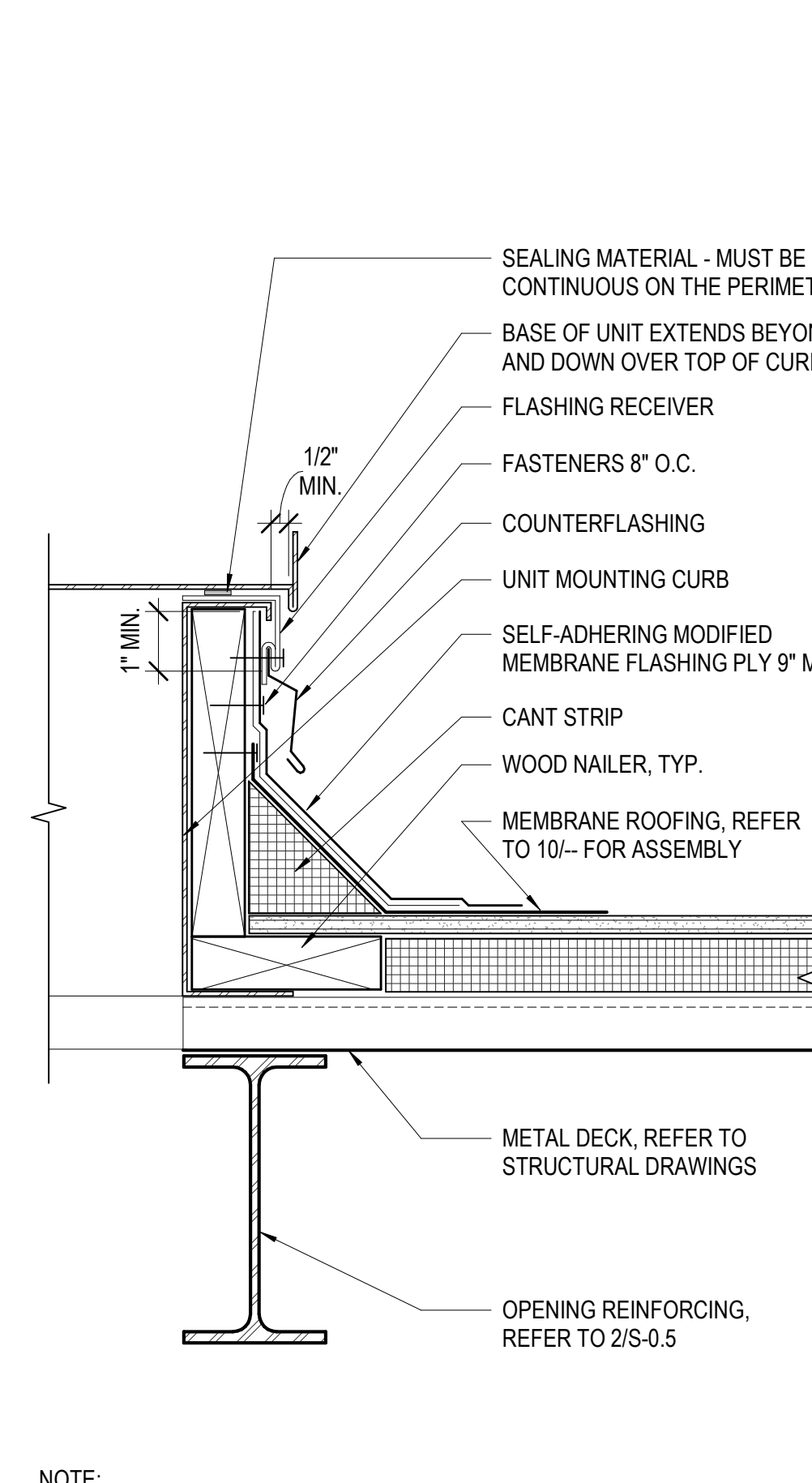
COVERBOARD FASTENING PATTERNS 1 1/2" = 1'-0" ⑱



HVAC PENETRATION 3/4" = 1'-0" ⑭



HVAC EQUIPMENT CURB 3" = 1'-0" ⑳



TYPICAL MEMBRANE ROOF DETAILS 3" = 1'-0" ⑳

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____

ROESLING NAKAMURA
TERADA ARCHITECTS
285 N VENTURA AVE # 102
VENTURA, CALIFORNIA
P: 805.626.5330
F: 805.626.5350
WWW.RNTARCHITECTS.COM

LICENSED ARCHITECT
TYSON CLINE
NO. C-34438
EXPI. 1-31-21
STATE OF CALIFORNIA

Ojai Unified School District
OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

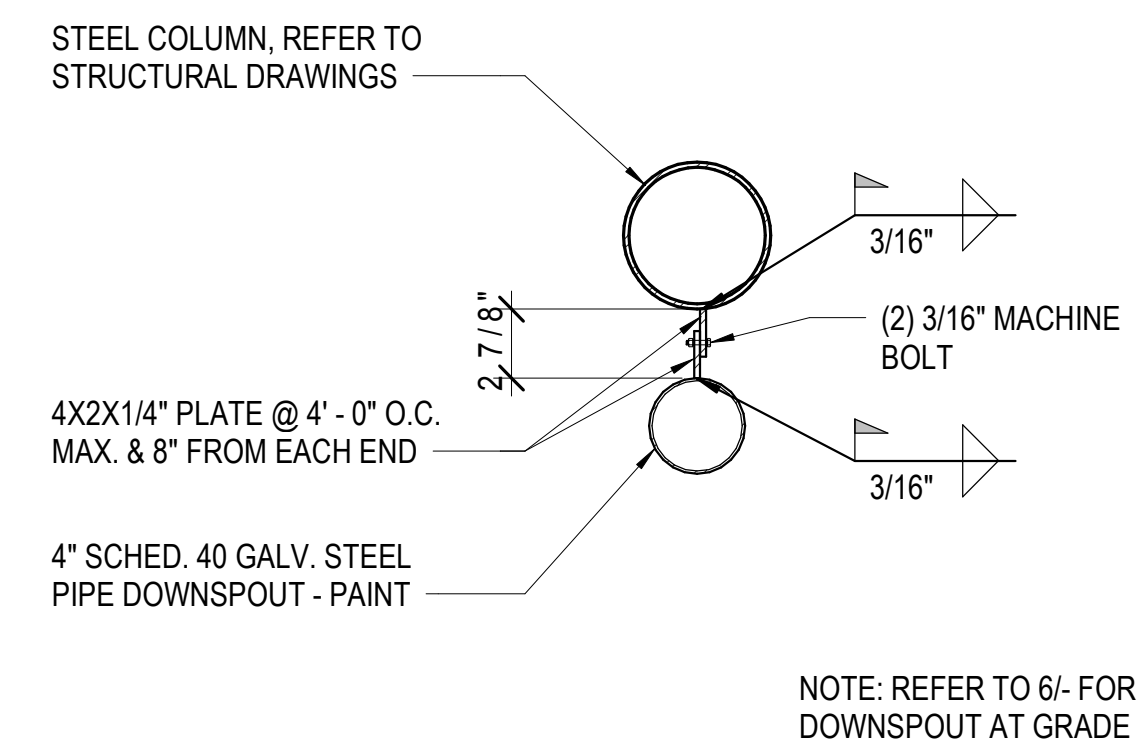
TYPICAL
MEMBRANE
ROOF DETAILS

RNT Job No. 17759.04
Date 02/04/2019
Drawn by BI
Checked by TB
Sheet Number

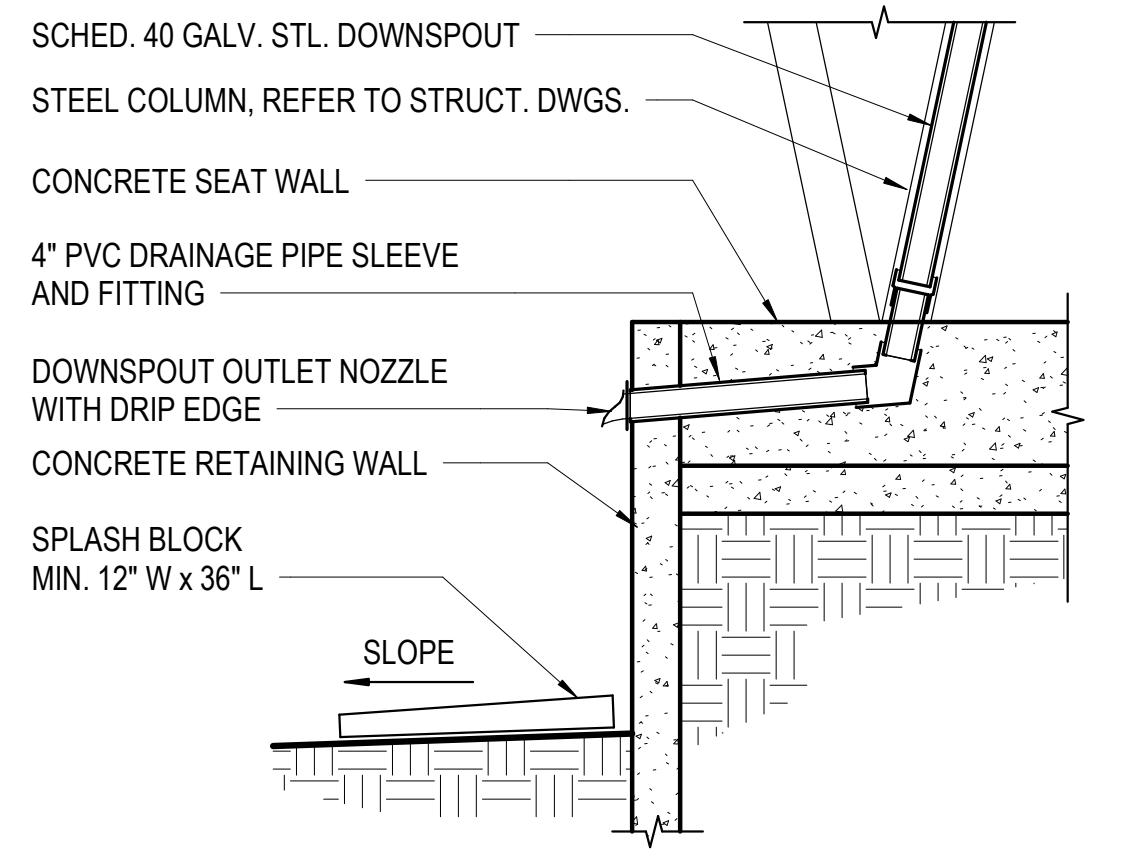
AD-5.1

6/29/2019 11:13:43 AM

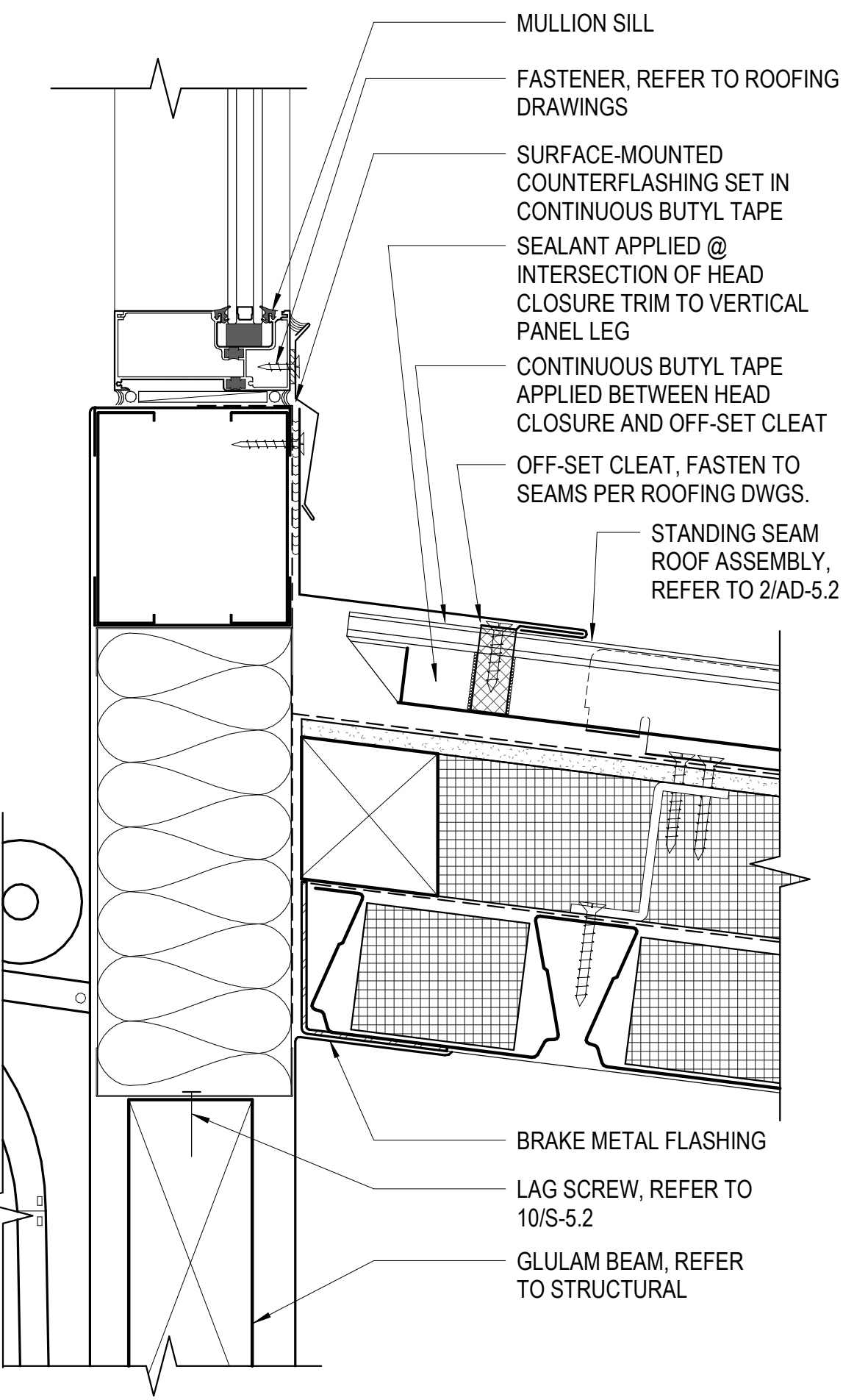
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



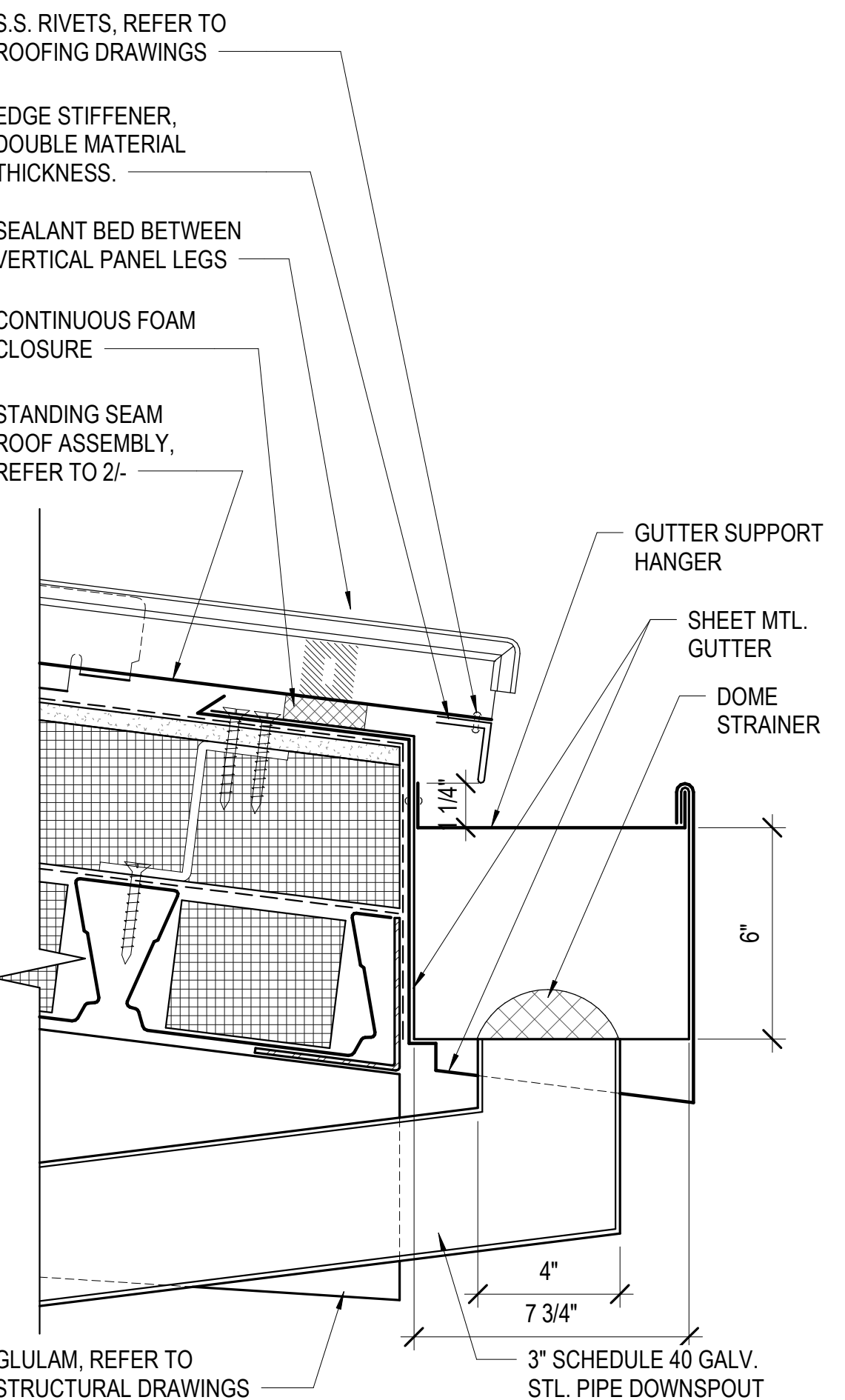
DOWNSPOUT @ STL. COLUMN 1 1/2" = 1'-0" 1



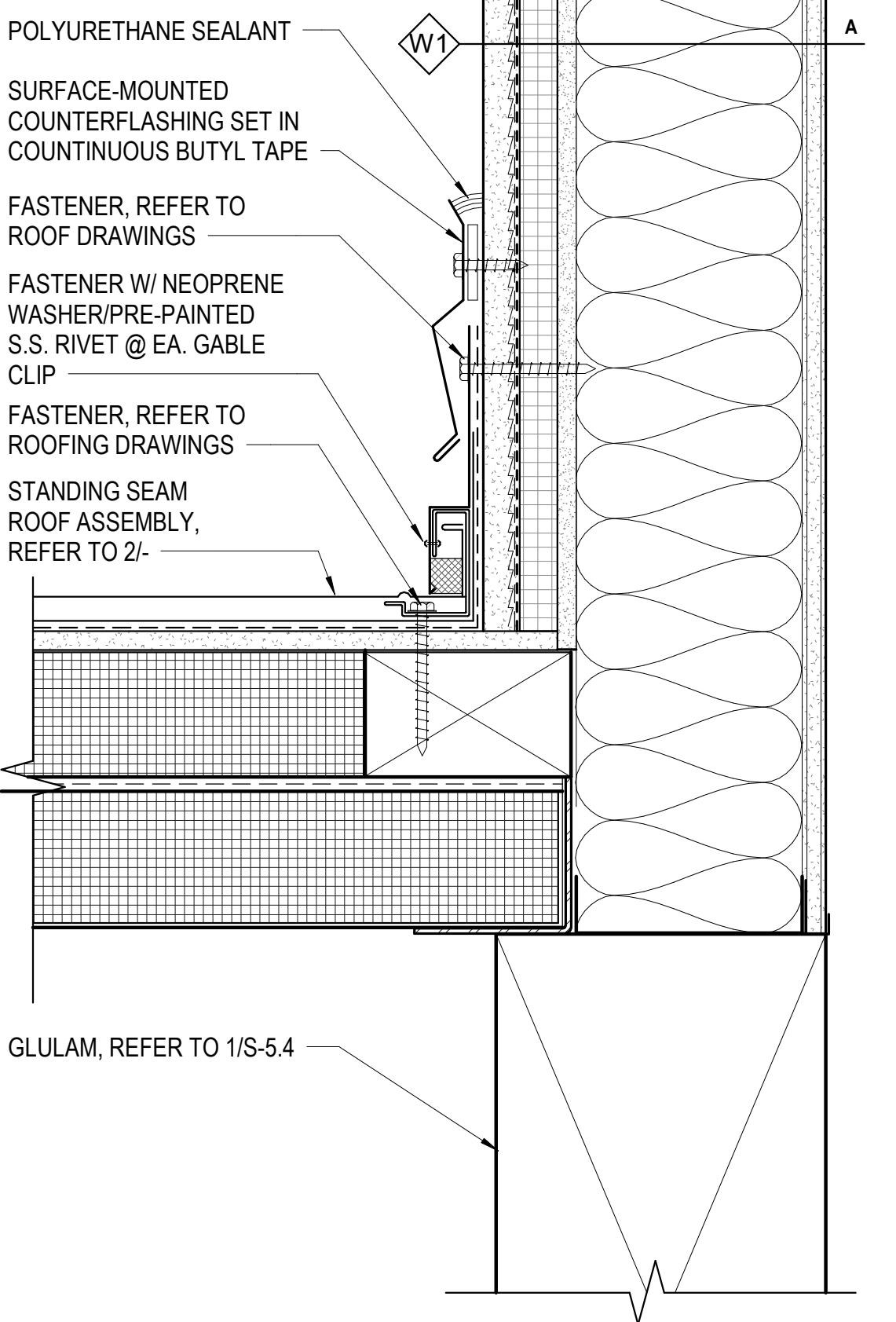
DOWNSPOUT @ GRADE 1/2" = 1'-0" 6



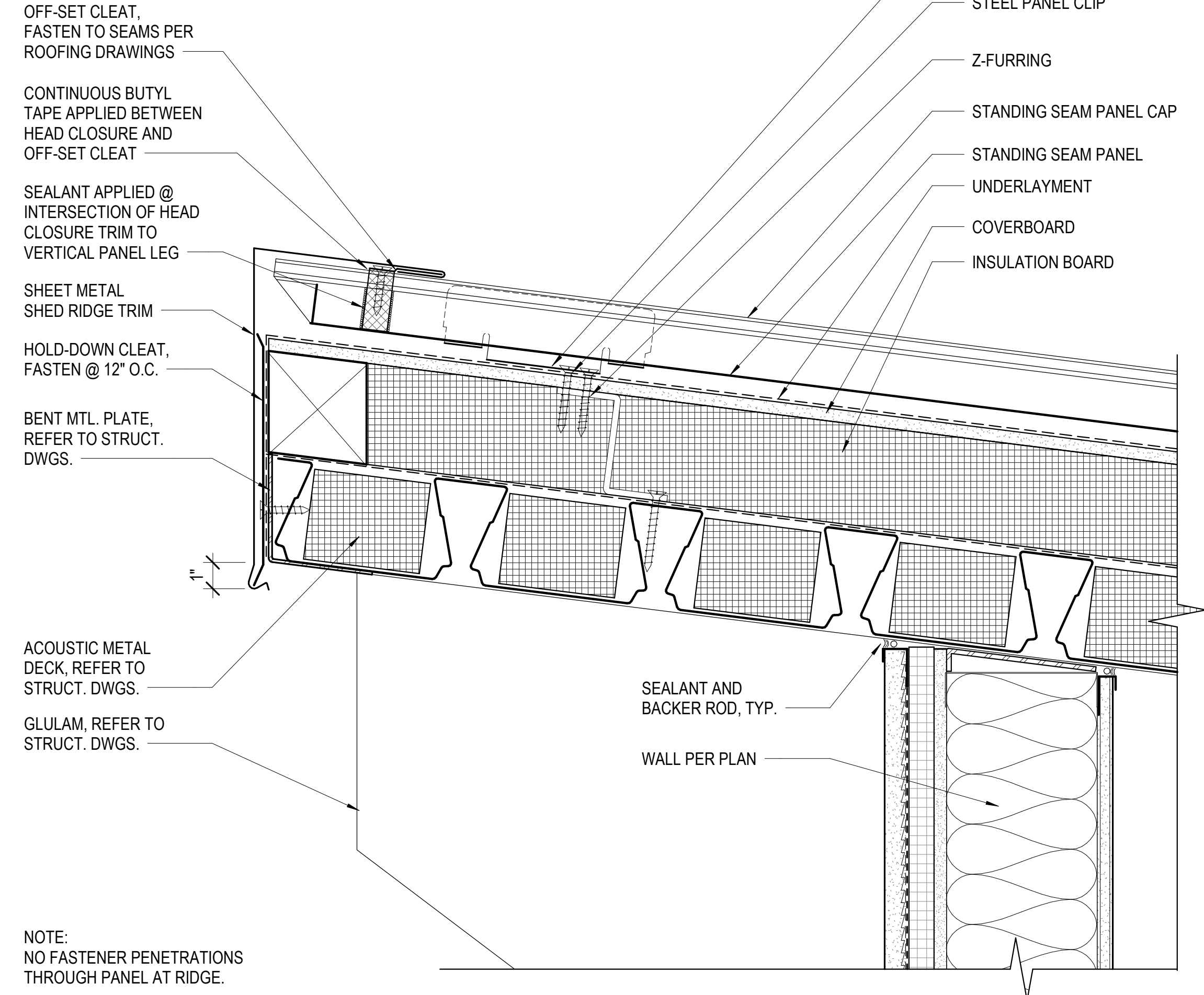
ROOF TO STOREFRONT 3" = 1'-0" 16



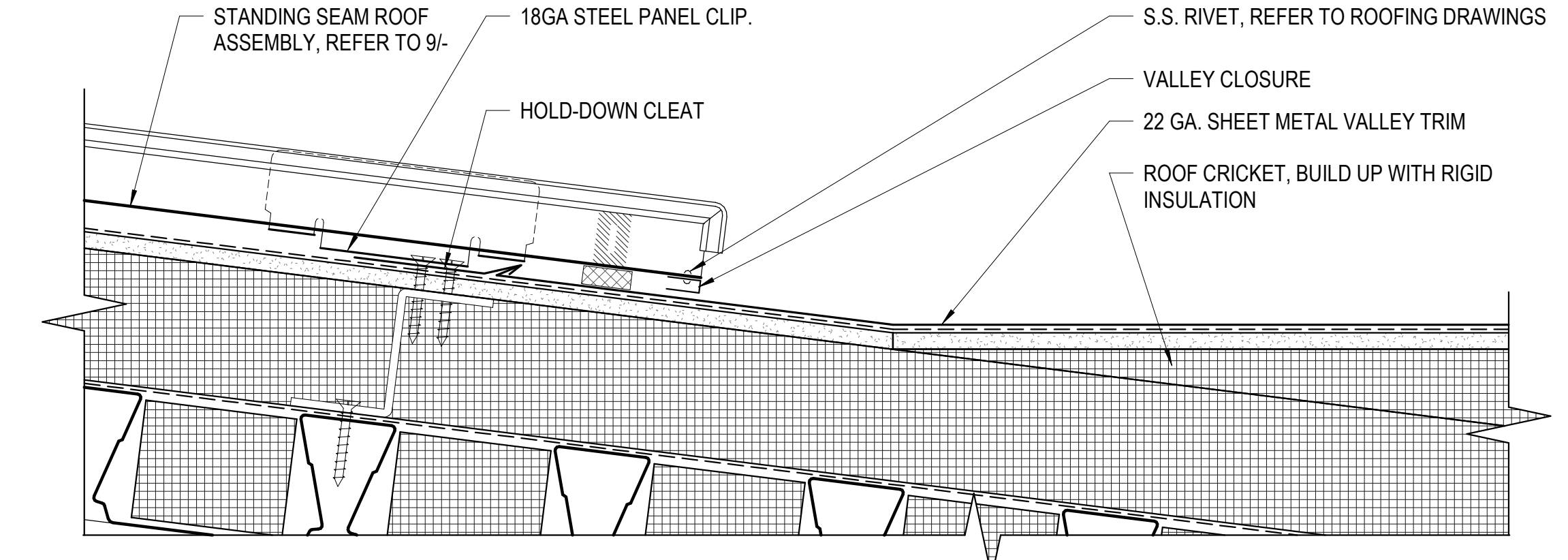
GUTTER @ STANDING SEAM EAVE 3" = 1'-0" 10



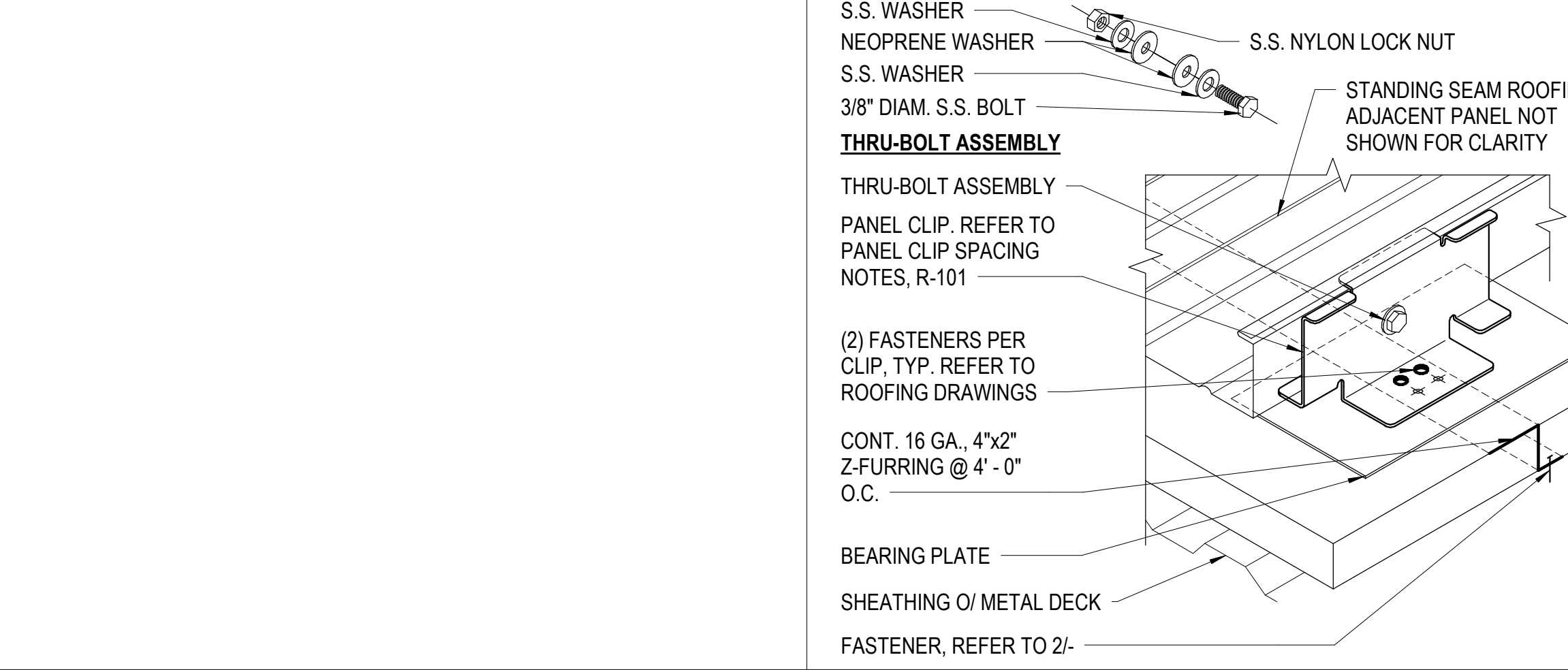
STANDING SEAM @ PLASTER 3" = 1'-0" 17



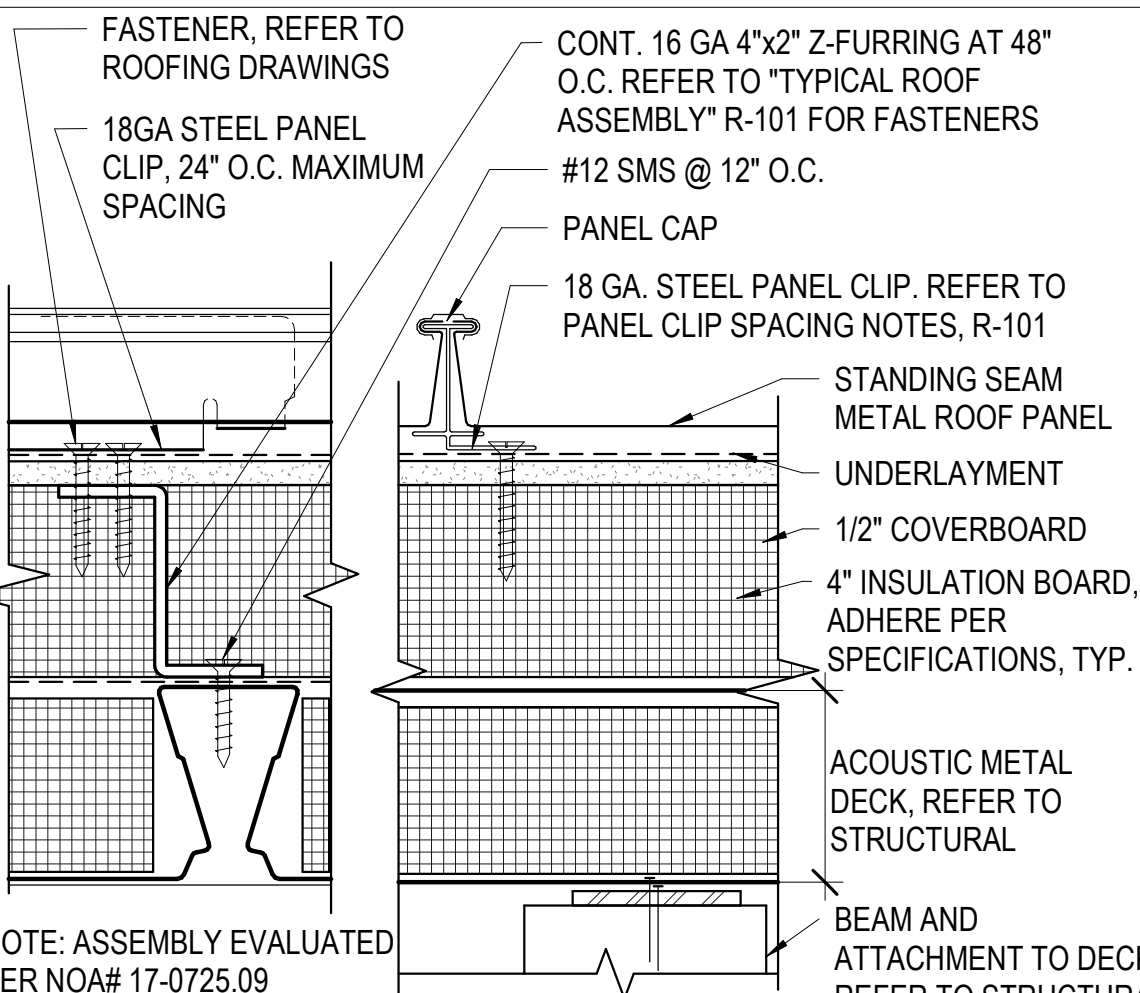
STANDING SEAM ROOF EDGE 3" = 1'-0" 9



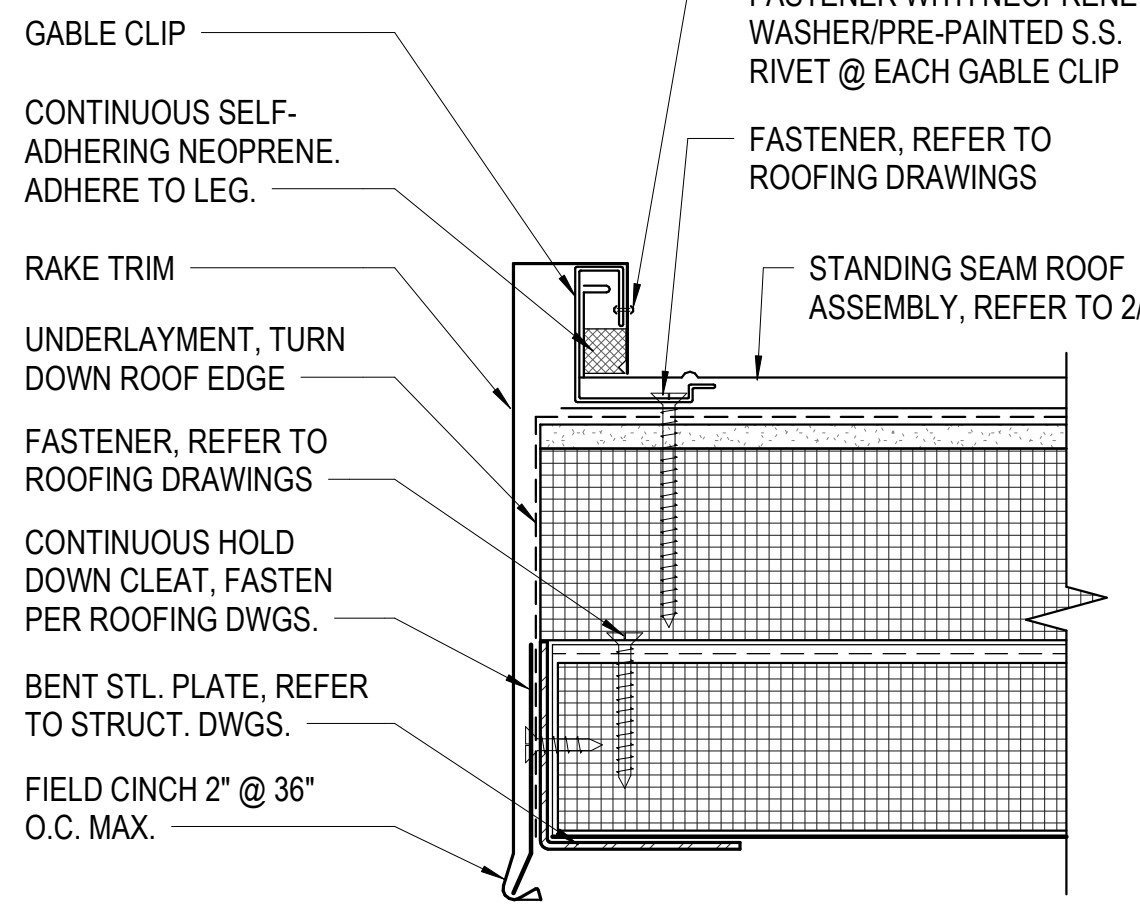
SHEET METAL FLASHING AT VALLEY 3" = 1'-0" 14



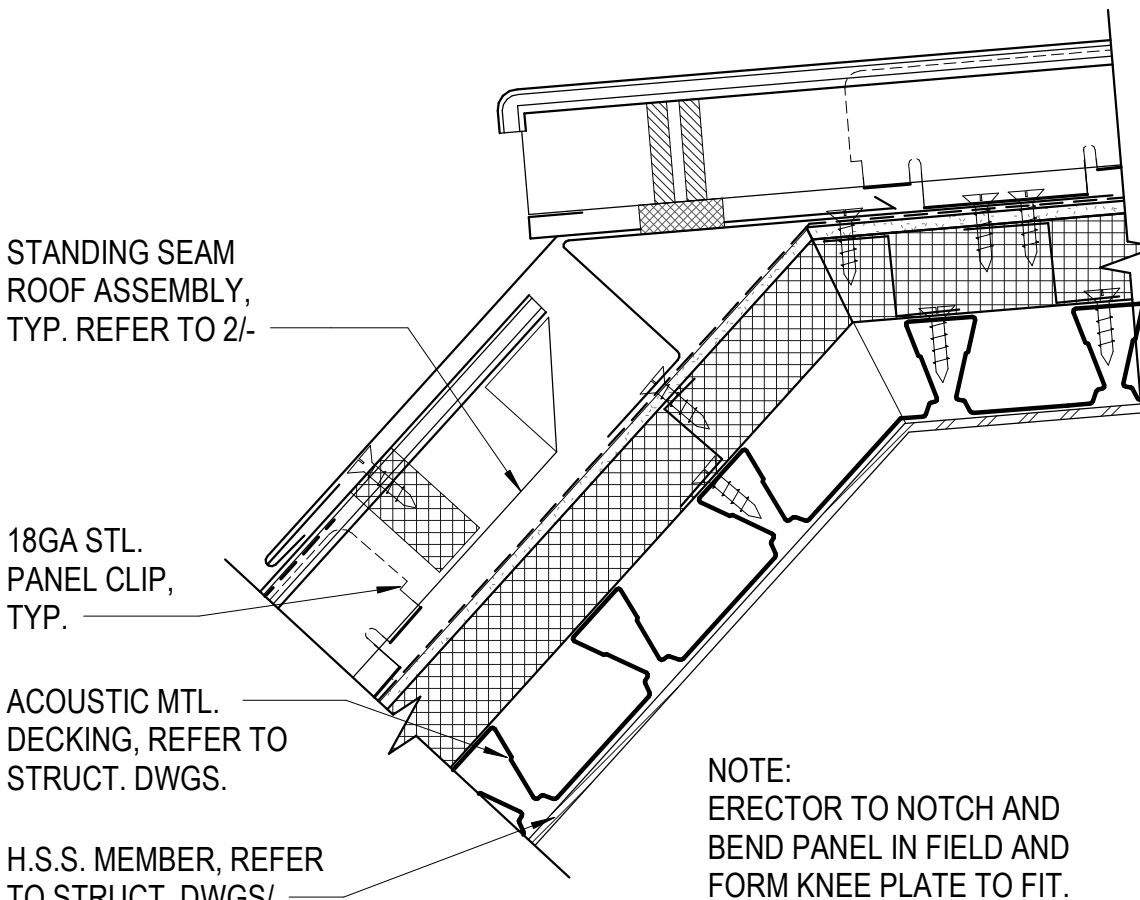
ROOF PANEL CLIP 3" = 1'-0" 19



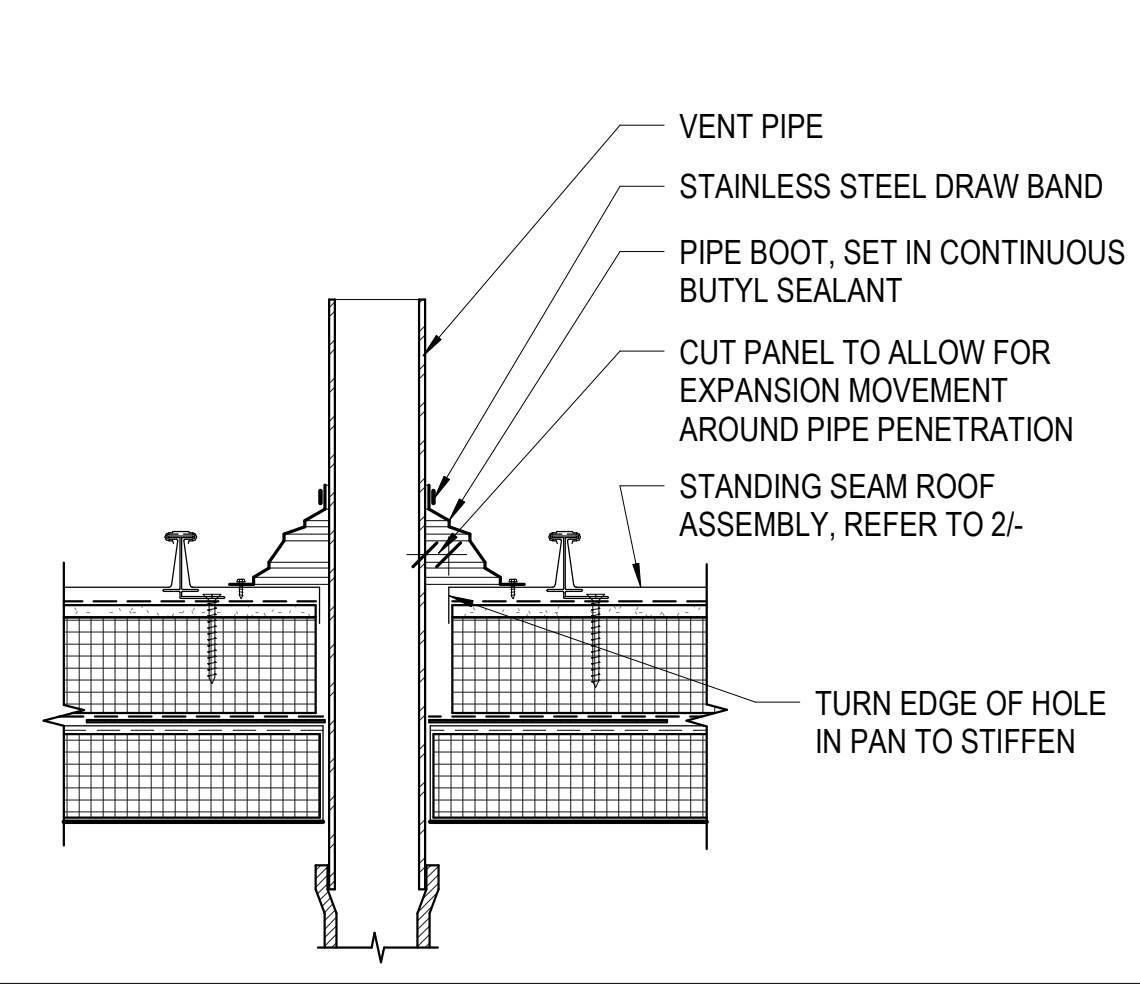
TYPICAL STANDING SEAM ROOF ASSEMBLY 3" = 1'-0" 2



RAKE @ STANDING SEAM ROOF 3" = 1'-0" 7



KNEE PLATE @ STANDING SEAM ROOF 3" = 1'-0" 15



PIPE PENETRATION @ STANDING SEAM ROOF 1 1/2" = 1'-0" 20

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____

Roelsing Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LICENSED ARCHITECT
TYSON CLINE
NO. C-34438
REN. 1-31-21
STATE OF CALIFORNIA

Ojai Unified School District

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TYPICAL
STANDING SEAM
ROOF DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	BI
Checked by	TB
Sheet Number	


AD-5.2
7/8/2019 9:27:43 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roosting Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the written consent of Roosting Nakamura Terada Architects, Inc.

ACS_____ FLS _____ SS_____



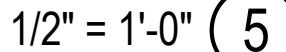
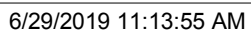
CONSTRUCTION
DOCUMENTS



RNT Job No.	17759.04
Date	02/04/2019
Drawn by	BI
Checked by	TB
Sheet Number	

7/8/2019 9:28:21 AM




$$1/2'' = 1'-0'' \quad (5)$$


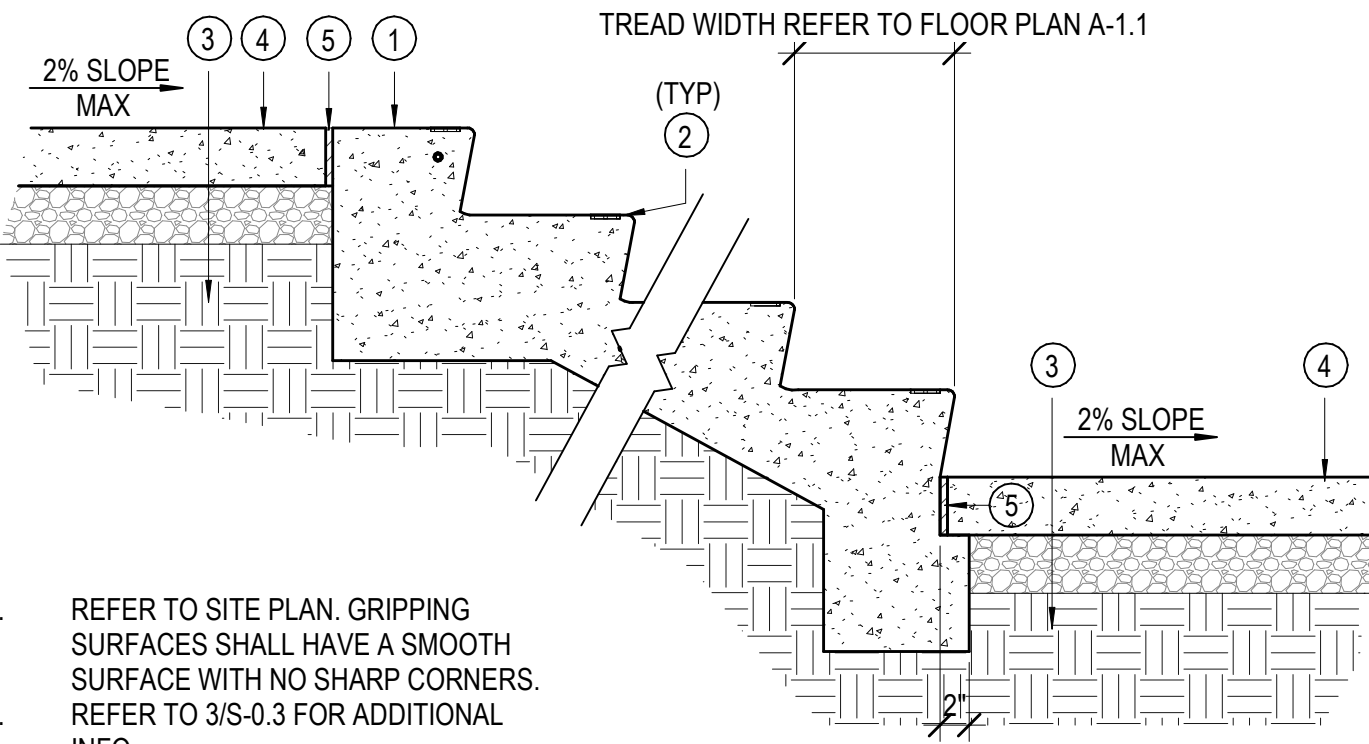
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

STAIR NOTES

- 1 C.I.P. CONCRETE STAIRS REFER TO A-1.1
- 2 STAIR NOSE & STRIPING , REFER TO 8/AD-8.2
- 3 COMPACTED SUBGRADE
- 4 ADJACENT PAVING REFER TO SITE PLAN
- 5 EXPANSION JOINT, TYP.

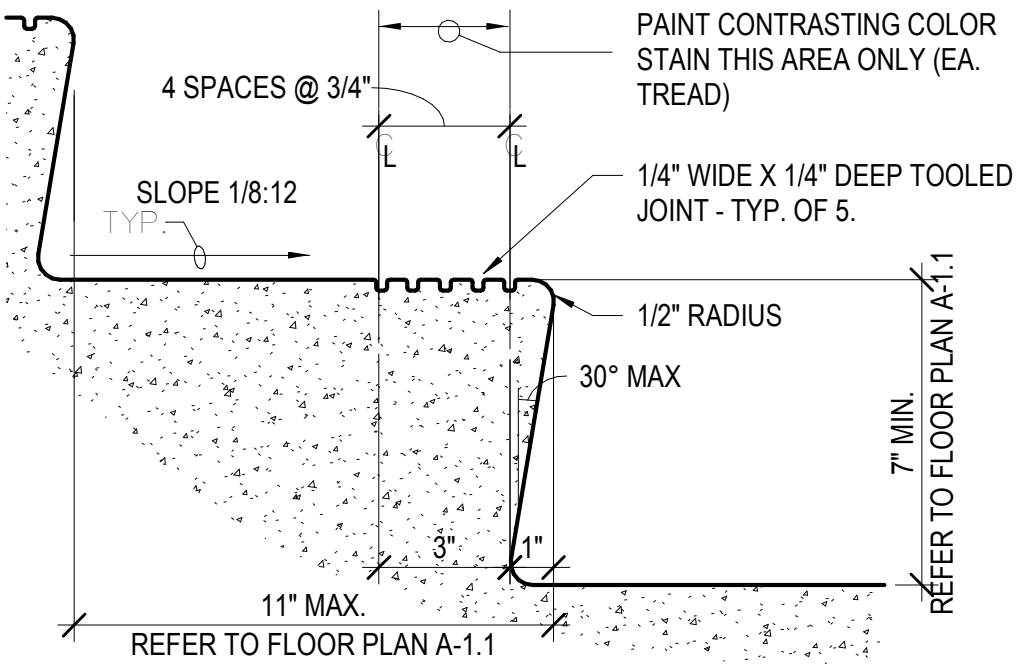
NOTES:

- 1. LANDINGS AT TOP AND BOTTOM OF STAIRS MUST NOT CREATE PONDING. MEDIUM BROOM FINISH PERPENDICULAR TO TRAFFIC ON ALL TREADS. TROWELED FINISH ALL OTHER EXPOSED SURFACES.
- 3. REFER TO SITE PLAN. GRIPPING SURFACES SHALL HAVE A SMOOTH SURFACE WITH NO SHARP CORNERS. REFER TO 3/S-0.3 FOR ADDITIONAL INFO.



CIP CONCRETE STAIR

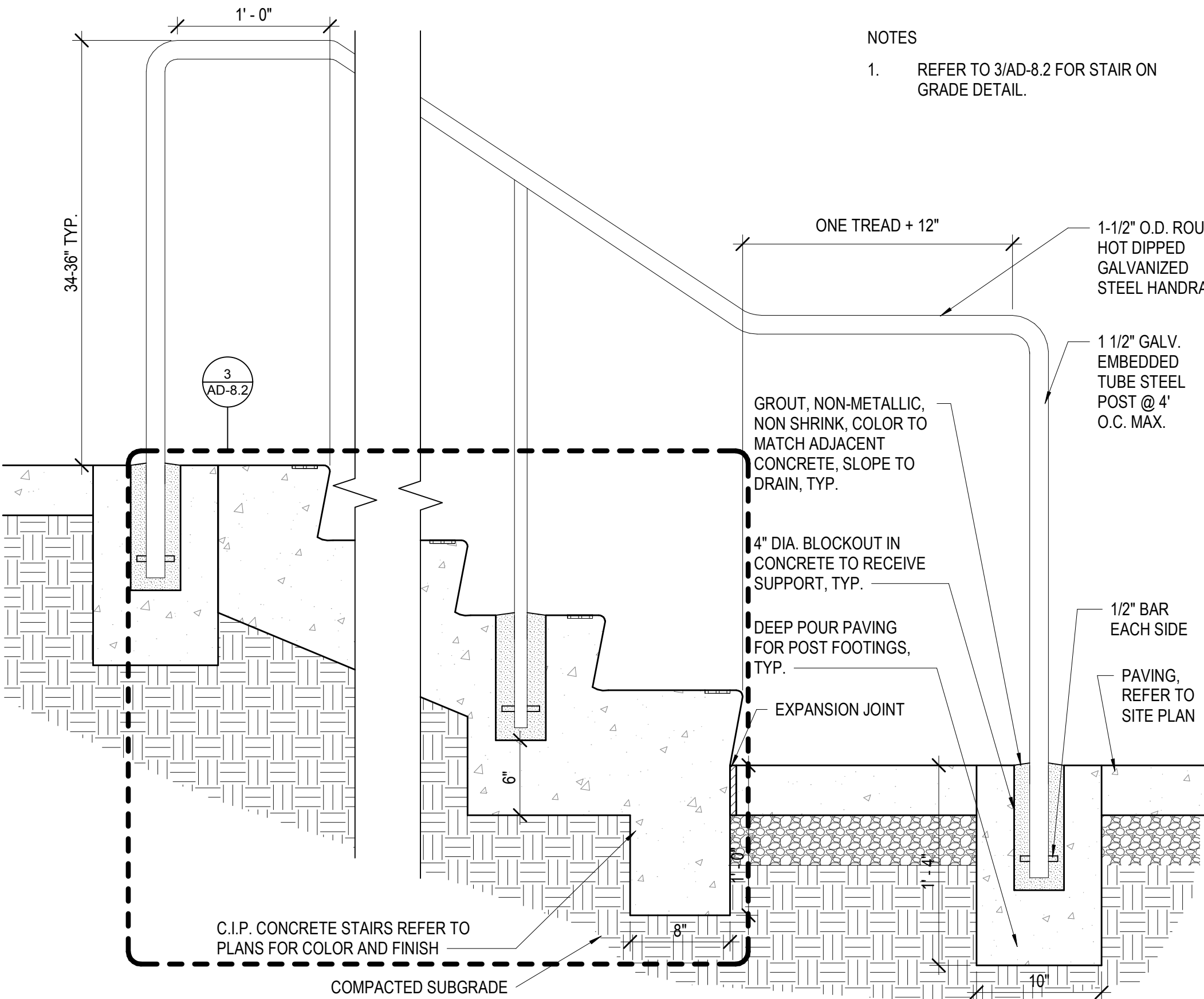
1" = 1'-0" 3



- NOTE:
- 1. TOOLED JOINTS SHALL BE CONTINUOUS, 1" AWAY FROM EACH END OF TREAD, TYPICAL
 - 2. LOCATED @ EACH TREAD

EXTERIOR STAIR NOSING

3" = 1'-0" 8



NOTES

- 1. REFER TO 3/AD-8.2 FOR STAIR ON GRADE DETAIL.

HANDRAIL AT C.I.P. STAIR

1 1/2" = 1'-0" 10

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roelsing Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

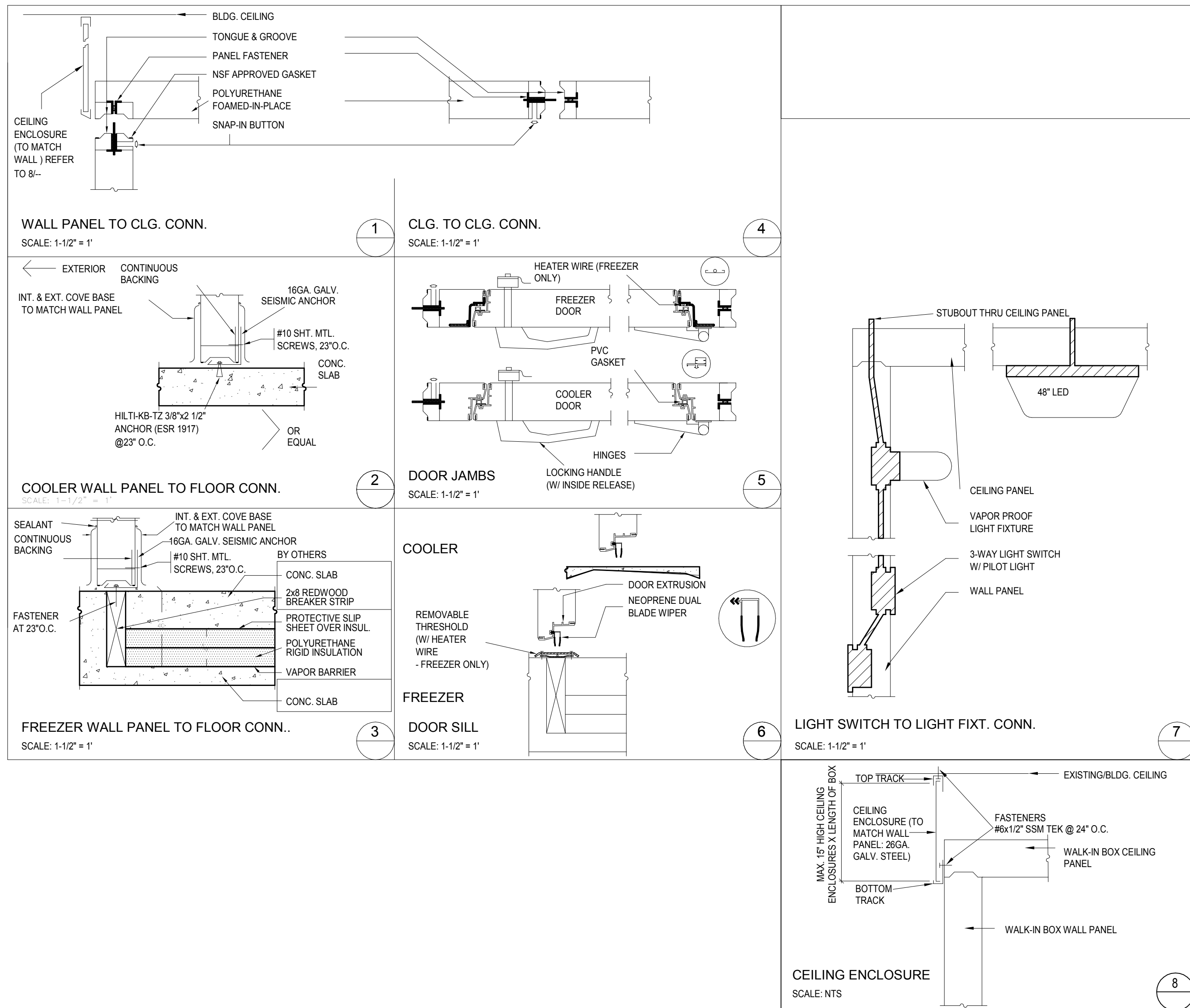
Sheet Name
TYPICAL STAIR
AND RAILING
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-8.2

6/29/2019 11:13:57 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or a



WALK-IN FREEZER/COOLER SPEC'S:				
CONSTRUCTION	4" T & G HIGH DENSITY RAILING W/FACTORY MUTUAL APPROVED CLASS 1 FOAM			
PANEL FINISH	WALL INT. STUCCO EMBOSSED GALV. STL. CLG. INT. STUCCO EMBOSSED GALV. STL. EXPOSED EXT. STUCCO EMBOSSED GALV. STL. UNEXPOSED EXT. STUCCO EMBOSSED GALV. STL. FLOORING (FREEZER ONLY) INSULATION ONLY. CONCRETE AND WEARING SURFACE BY OTHERS (BREAKER STRIP TYPE)			
DOOR	(2)36"x78" WALK-IN DOORS FLUSH MOUNTED, SELF CLOSING FINISH - TO MATCH PANEL LOCKING HANDLE W/ INSIDE RELEASE HINGES (3) CLOSER 36" HIGH INT. & EXT. ALUMINUM TREAD KICKPLATES 3-WAY INT. & EXT. LIGHT SWITCH W/ PILOT LIGHT VAPOR PROOF LIGHT FIXTURE HEATED DOOR OPENING(FREEZER ONLY) HEATED AIR VENT(FREEZER ONLY) PLASTIC VINYL STRIP CURTAIN			
ACCESSORIES	2-1/2" DIAL THERMOMETER PER COMPARTMENT (3)48" LED LIGHT FIXTURES MATCHING VERTICAL TRIMS MATCHING INT. & EXPOSED EXT. COVE BASE MATCHING CEILING ENCLOSURES SEISMIC ANCHOR			
REFRIGERATION	2HP OUTDOOR SCROLL COOLER COND UNIT(230V 3PH) W/ MATCHING 13500BTU AIR DEFROST EVAPORATOR 6HP OUTDOOR SCROLL FREEZER COND UNIT(230V 3PH) W/ MATCHING 18000BTU ELECTRIC DEFROST EVAPORATOR			
DEALER:	CHEF'S TOYS FOUNTAIN VALLEY, CA		SCALE DRAWN BY: AS SHOWN DATE: APRIL 16, 2018	REVISIONS 1/17/12 2/16/12 3/22/12
SPEC'S FOR: MATILUJA JR. HIGH SCHOOL, OJAI, CA			DWG 1 OF 1	



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

CS_____ FLS _____ SS_____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

FOOD SERVICE
EQUIPMENT -
REF/FRZ

INT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-9.1

6/29/2019 11:14:00 AM

All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

HOOD INFORMATION - Job#3667973

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	EXHAUST PLENUM							TOTAL SUPPLY CFM	HOOD CONSTRUCTION	HOOD CONFIG.		
					TOTAL EXH. CFM	RISER(S)								END TO END	ROW	
						WIDTH	LENG.	HEIGHT	DIA.	CFM	VEL.					S.P.
1		6012 SND-2-PSP-F	13' 8"	450 Deg.	3150			4"	16"	3150	2256	-1.334"	2100	430 SS Where Exposed	ALONE	ALONE

PATENT NUMBERS

AC-PSP (United States) - US Patent 7963830 B2
AC-PSP Wall (Canada) - CA Patent 2820509
AC-PSP Island (Canada) - CA Patent 2520330

CAPTIVEAIRE HOOD MODELS ND-2 AND SND-2 ARE TYPE I
CAPTIVEAIRE HOOD MODEL VHB IS TYPE II

HOOD INFORMATION

HOOD NO.	TAG	TYPE	FILTER(S)				LIGHT(S)				WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S)			FIRE SYSTEM PIPING	HOOD HANGING WGHT
			QTY.	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY.	TYPE						FIRE SYSTEM	ELECTRICAL	SWITCHES		
1		Captrate Solo Filter	10	20"	16"	85% See Filter Spec.	4	L55 Series E26			NO						YES	660 LBS

HOOD OPTIONS

HOOD NO.	TAG	OPTION
1		RIGHT END STANDOFF(FIN/SLP) 1" Wide 60" Long Insulated
		SENSOR-CV
		RIGHT WALL AS END PANEL

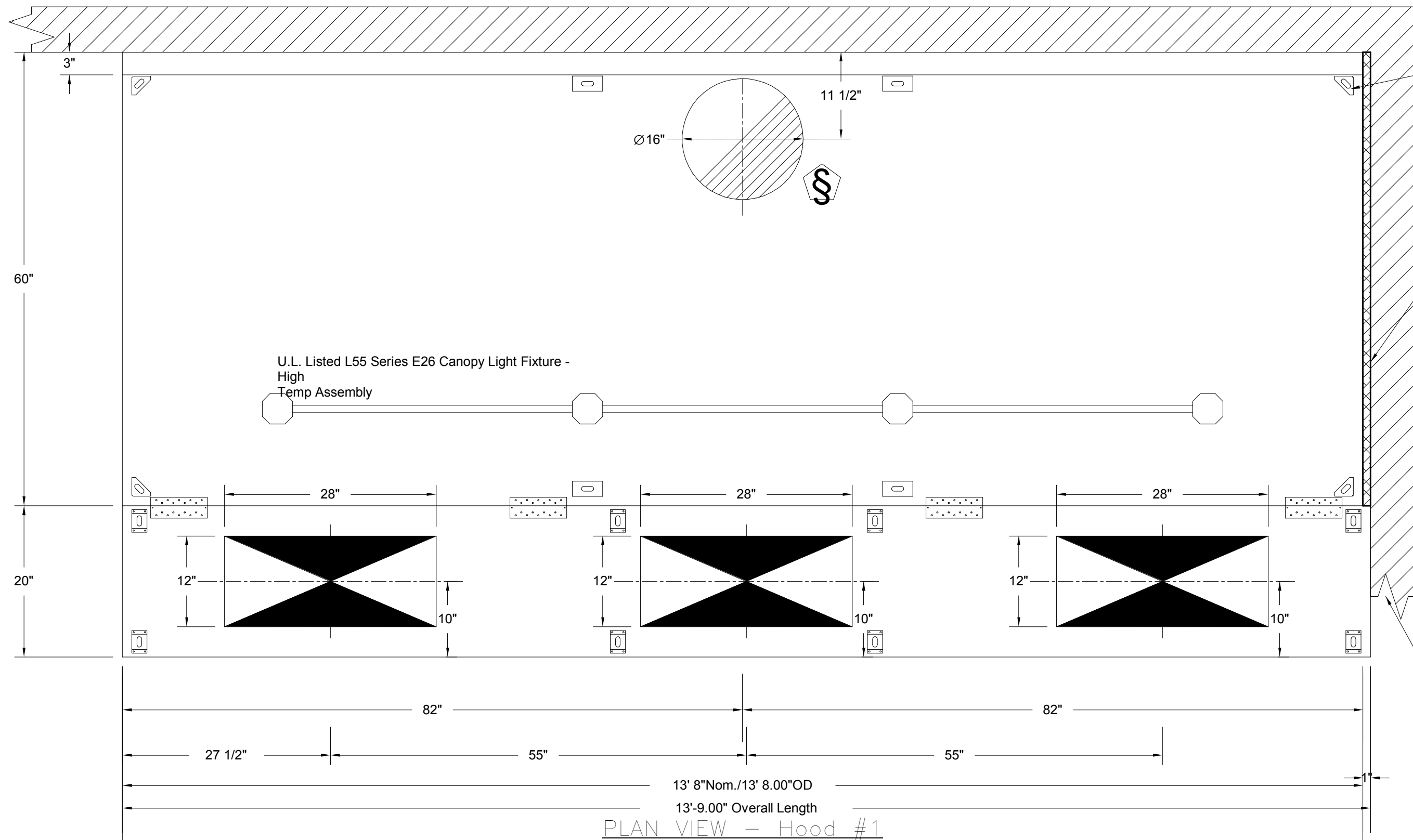
Fire System Information - Job#3667973

FIRE SYSTEM NO.	Tag	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		Ansul R102	3.0/3.0	14	Wall Mount Left	N/A

PERFORATED SUPPLY PLENUM(S)

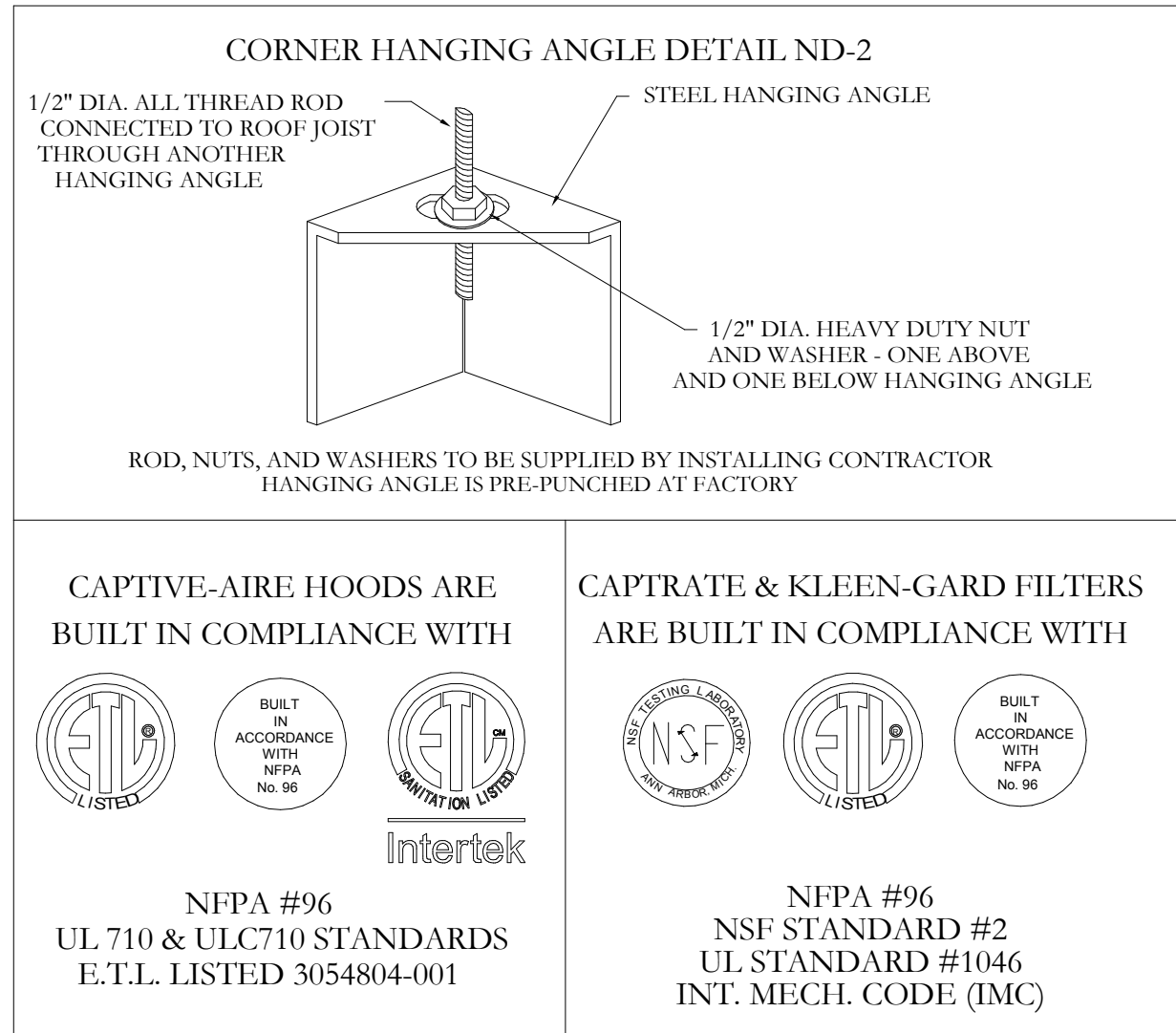
HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG.	DIA.	S.P.
1		Front	165"	20"	6"	MUA	12"	28"	700	0.160"
						MUA	12"	28"	700	0.160"
						MUA	12"	28"	700	0.160"

CAPTIVEAIRE RECOMMENDS ALL DIFFUSERS A MINIMUM OF 10 FT. FROM HOODS TO ENSURE PROPER CAPTURE AND CONTAINMENT



HANGING ANGLE, REFER TO 8/S-5.3

1" LAYER OF INSULATION FACTORY INSTALLED IN 1.00" END STANDOFF MEETS 0" REQUIREMENTS CLEARANCE TO COMBUSTIBLE SURFACES.



INSTALLER MUST CONFIRM HOOD IS INSTALLED SUCH THAT THE SPECIFIED WALL, ACTING AS AN END PANEL, IS MATED TIGHT TO THE CORRECT END OF HOOD TO ACHIEVE A REDUCED MINIMUM EXHAUST CFM LISTING. NON-COMPLIANCE WILL NULLIFY THE ETL LISTING. VOID THE MANUFACTURER'S WARRANTY, AND HOLD THE CONTRACTOR LIABLE FOR ANY AND ALL LOSSES, COSTS, AND EXPENSES RELATED TO THE NON-COMFORMANCE OF THE MANUFACTURER'S SPECIFIED INSTRUCTION. THE WALL ACTING AS AN END PANEL MUST EXTEND NO LESS THAN 20" FROM THE INTERSECTING WALL ON WHICH HOOD IS MOUNTED AND MUST EXTEND NO LESS THAN 20" UNDER BOTTOM OF HOOD TO BE ELIGIBLE FOR REDUCED MINIMUM EXHAUST CFM LISTING.

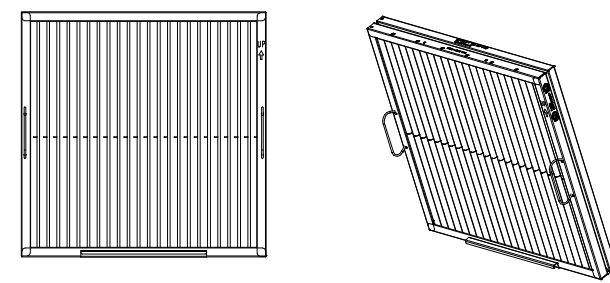
Important Notes: Engineered Plans Above Are For New Construction or T.I. Only - SunAir, EconAir, Ventilation Direct Are NOT Acceptable Alternates

FOR QUESTIONS, CALL THE
CAPTIVEAIRE
SOUTHERN CALIFORNIA OFFICE

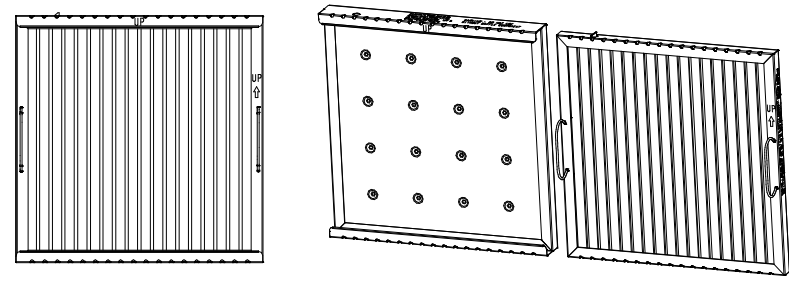
Region 86

3002 DOW AVE., SUITE 410
TUSTIN, CA 92780
PHONE: (714) 957-1500
EMAIL: SOCAL@CAPTIVEAIRE.COM

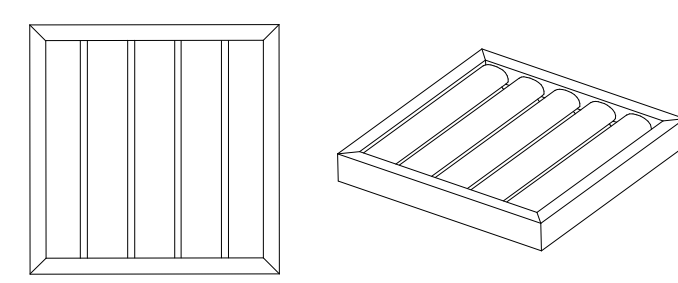
CAPTRATE®
GREASE-STOP® SOLO
FILTER INFORMATION



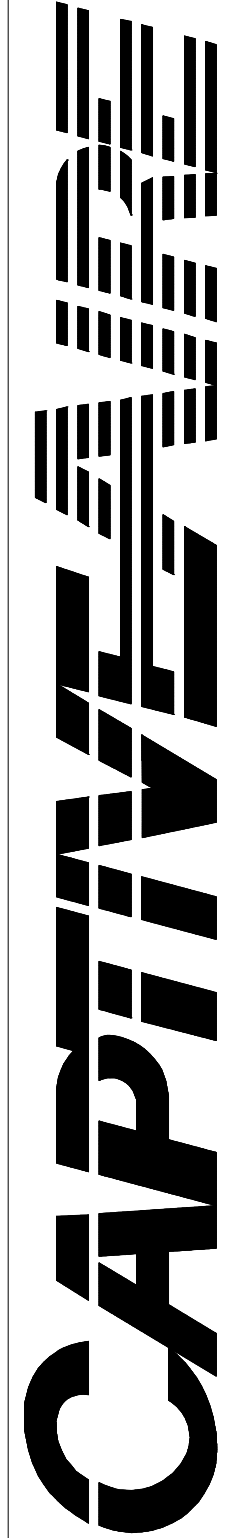
CAPTRATE®
GREASE-STOP® COMBO
FILTER INFORMATION



KLEEN-GARD®
SS BAFFLE TYPE
FILTER INFORMATION



NOM. SIZE (H x W)	ACTUAL DIMENSIONS (H x W x D)	FREE AREA (SQ. FEET)	WEIGHT (LBS)	VELOCITY (FPM)	STATIC PRESSURE (WATER GAUGE)	NOM. SIZE (H x W)	ACTUAL DIMENSIONS (H x W x D)	FREE AREA (SQ. FEET)	WEIGHT (LBS)	VELOCITY (FPM)	STATIC PRESSURE (WATER GAUGE)	NOM. SIZE (H x W)	ACTUAL DIMENSIONS (H x W x D)	FREE AREA (SQ. FEET)	WEIGHT (LBS)	VELOCITY (FPM)	STATIC PRESSURE (WATER GAUGE)
20 x 20	19-5/8" x 19-5/8" x 1-7/8"	2.28	11	100	0.25	20 x 20	19-5/8" x 19-5/8" x 1-7/8"	2.28	15	100	0.50	20 x 20	19-5/8" x 19-5/8" x 1-7/8"	2.23	11	100	0.10
20 x 16	19-5/8" x 15-5/8" x 1-7/8"	1.78	8.9	125	0.35	20 x 16	19-5/8" x 15-5/8" x 1-7/8"	1.78	12	125	0.70	20 x 16	19-5/8" x 15-5/8" x 1-7/8"	1.73	8.9	125	0.15
16 x 20	15-5/8" x 19-5/8" x 1-7/8"	1.78	9.1	150	0.45	16 x 20	15-5/8" x 19-5/8" x 1-7/8"	1.78	12	150	0.90	16 x 20	15-5/8" x 19-5/8" x 1-7/8"	1.73	9.1	150	0.20
16 x 16	15-5/8" x 15-5/8" x 1-7/8"	1.39	7.4	175	0.75	16 x 16	15-5/8" x 15-5/8" x 1-7/8"	1.39	10	175	1.20	16 x 16	15-5/8" x 15-5/8" x 1-7/8"	1.35	7.4	175	0.25



Southern California Office
3002 Dow Ave., Suite 410, Tustin, CA, 92780 PHONE: (714) 957-1500 FAX: (919) 227-5975 EMAIL: reg86@captivaire.com

Matlija Junior HS, Ojai Unified SD - rev4
OJAI, CA, 93023

DATE: 1/4/2019
DWG#: 3667973
DRAWN BY: DSL-86
SCALE: 3/4" = 1'-0"
MASTER DRAWING

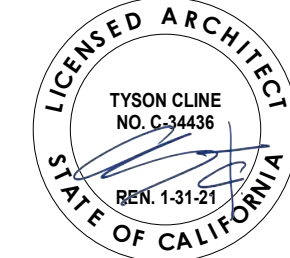
SHEET NO.
1.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATLIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

No.	Description	Date

Sheet Name

FOOD SERVICE
EQUIPMENT -
HOOD

RNT Job No. 17759.04

Date 02/04/2019

Drawn by EV

Checked by TB

Sheet Number

AD-9.2

6/29/2019 11:14:02 AM

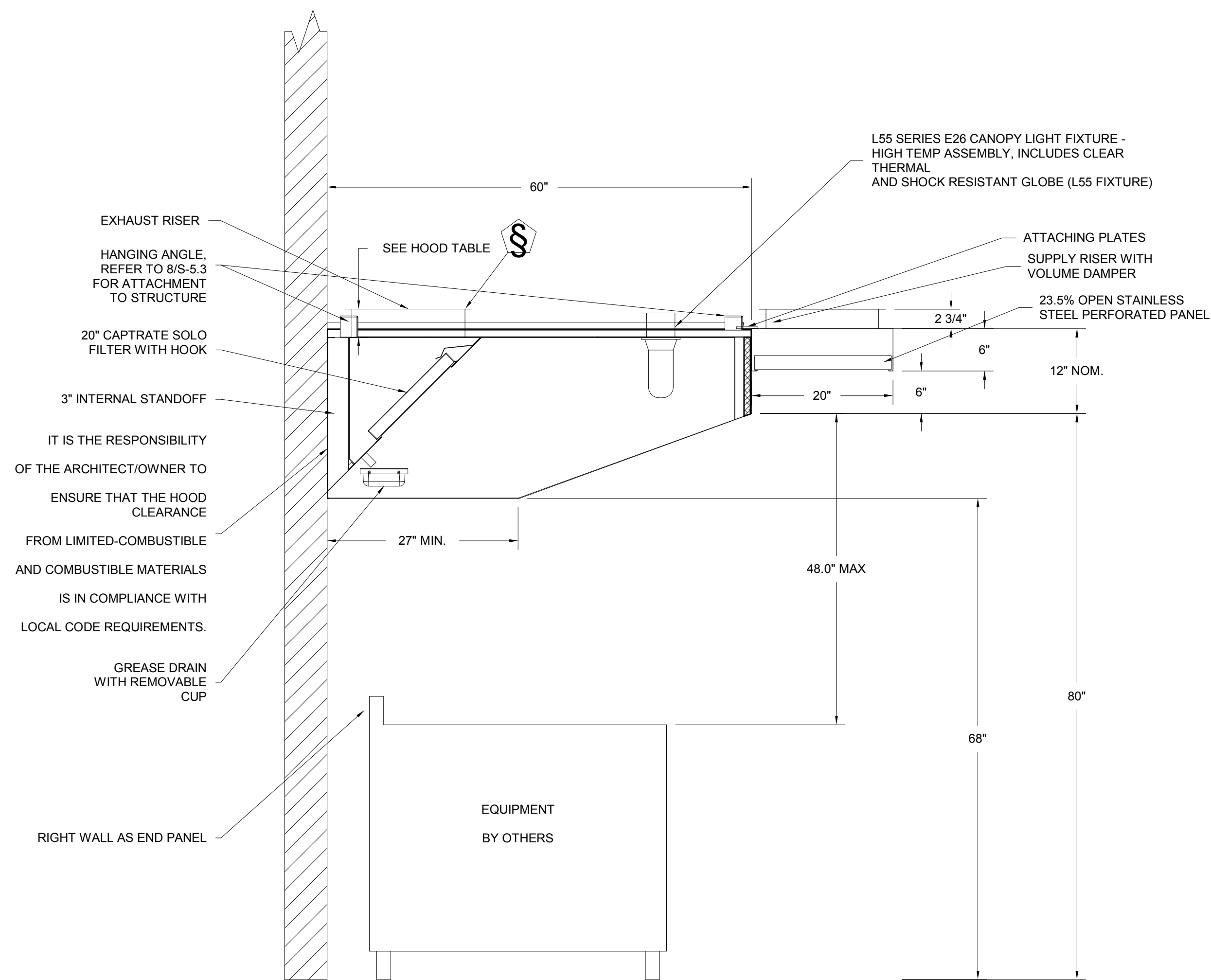
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or a

System Design Verification (SDV)

If ordered, CAS Service will perform a System Design Verification (SDV) once all equipment has had a complete start up per the Operation and Installation Manual. Typically, the SDV will be performed after all inspections are complete.

Any field related discrepancies that are discovered during the SDV will be brought to the attention of the general contractor and corresponding trades on site. These issues will be documented and forwarded to the appropriate sales office. If CAS Service has to resolve a discrepancy that is a field issue, the general contractor will be notified and billed for the work. Should a return trip be required due to any field related discrepancy that cannot be resolved during the SDV, there will be additional trip charges.

During the SDV, CAS Service will address any discrepancy that is the fault of the manufacturer. Should a return trip be required, the general contractor and appropriate sales office will be notified. There will be no additional charges for manufacturer discrepancies.



SECTION VIEW - MODEL
6012SND-2-PSP-F
HOOD - #1

  	
<div style="display: flex; justify-content: space-between;"> <div>    </div> <div>    </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div>    </div> <div>    </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div>    </div> <div>    </div> </div>	

Matijija Junior HS, Qjai Unified SD - rev4

OJAI, CA, 93023

DATE:	1/4/2019
DWG#:	3667973
DRAWN BY:	DSL-86
SCALE:	3/4" = 1'-0"
MASTER DRAWING	

SHEET NO.

1.2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS_____ FLS _____ SS_____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

FOOD SERVICE
EQUIPMENT -
HOOD

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-9.3

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

EXHAUST FAN INFORMATION - Job#3667973

FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS.)	SONES
1		DU180HFA	3150	1.600	1376	3.000	1.3560	3	208	9.5	727 FPM	221	21

MUA FAN INFORMATION - Job#3667973

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP.	RPM	H.P.	B.H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
2		A2-20D	20MF-2-MOD	A2	-	3150	0.400	1123	1.000	0.7990	3	208	3.8	400	12.3

FAN OPTIONS

FAN UNIT NO.	TAG	OPTION (Qty. - Descr.)
1		1 - Grease Box
		1 - Full Crating For Exhaust Fans
		1 - Fan Base Ceramic Seal - Installed At Plant - For Grease Ducts
2		1 - Full Crating For Untempered Fans
		1 - Separate 120V Wiring Package (Required and used only for DCV or Prewire with VFD) - Three Phase Only

FAN ACCESSORIES

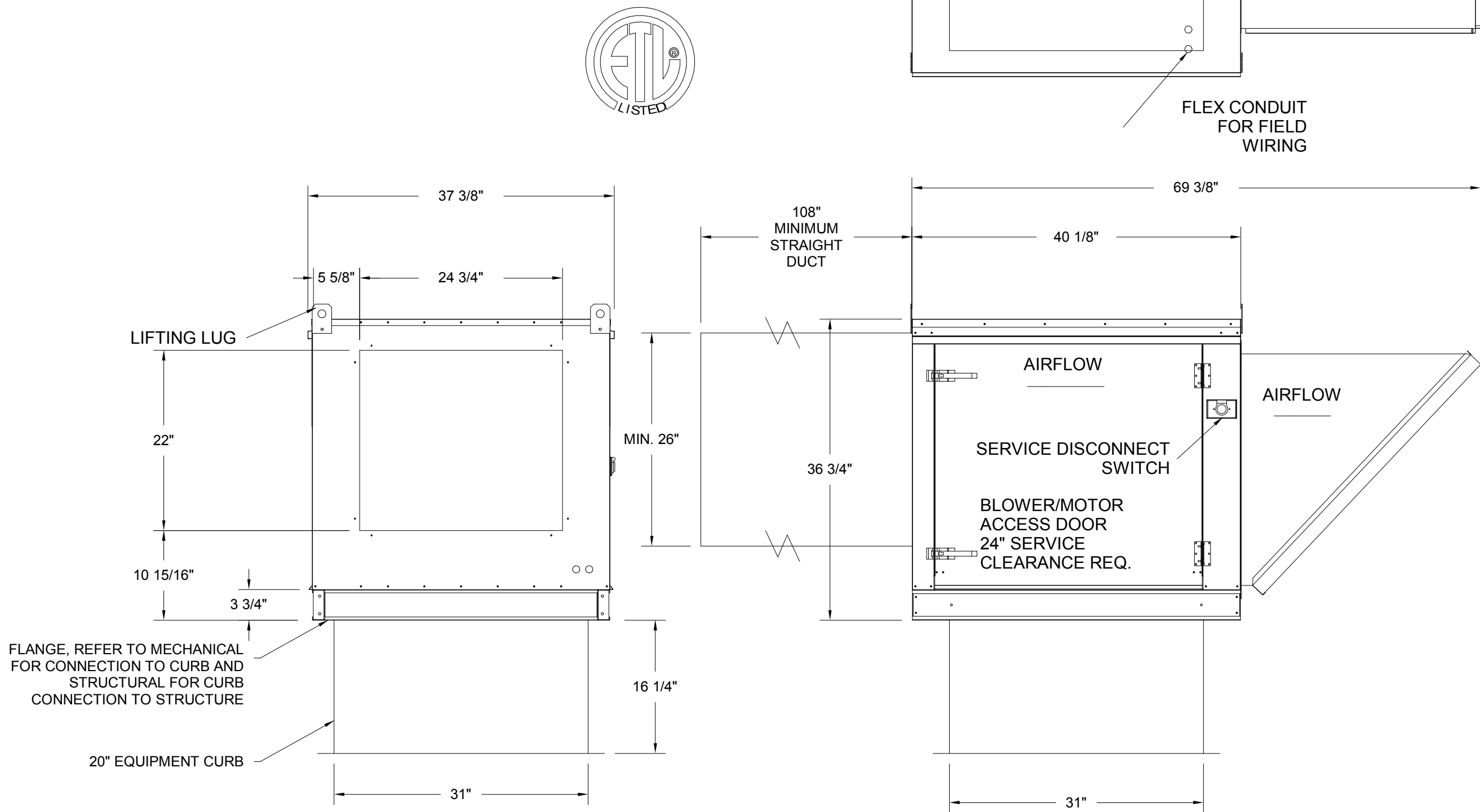
FAN UNIT NO.	TAG	EXHAUST			SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT
1		YES						
2					YES			

CURB ASSEMBLIES

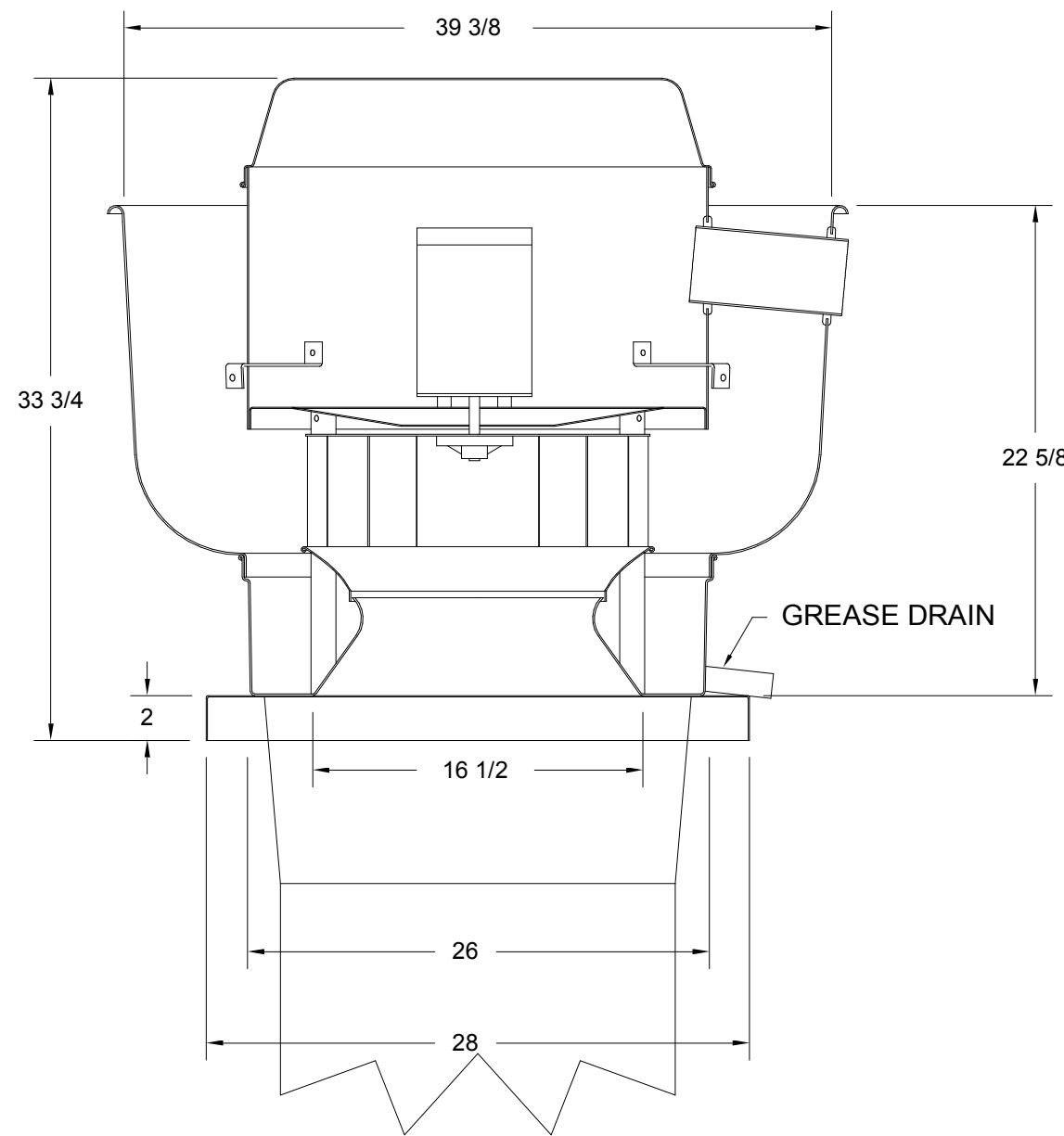
NO.	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	41 LBS	Curb	26.500"W x 26.500"L x 20.000"H Vented Hinged
2	# 2	42 LBS	Curb	31.000"W x 31.000"L x 20.000"H

FAN #2 A2-20D - SUPPLY FAN
1. UNTEMPERED SUPPLY UNIT WITH 20" DIRECT DRIVE FAN IN SIZE #2 HOUSING
2. INTAKE HOOD WITH EZ FILTERS-LOW CFM
3. SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT
4. FULL CRATING FOR UNTEMPERED FANS FOR SHIPPING.
5. SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREWIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH.

NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE UNLESS OTHERWISE SPECIFIED. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 26" x 26" x 108" LONG.



FAN #1 DU180HFA - EXHAUST FAN



FEATURES:

- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS)
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL
- INTERNAL WIRING
- WEATHERPROOF DISCONNECT
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE)
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST

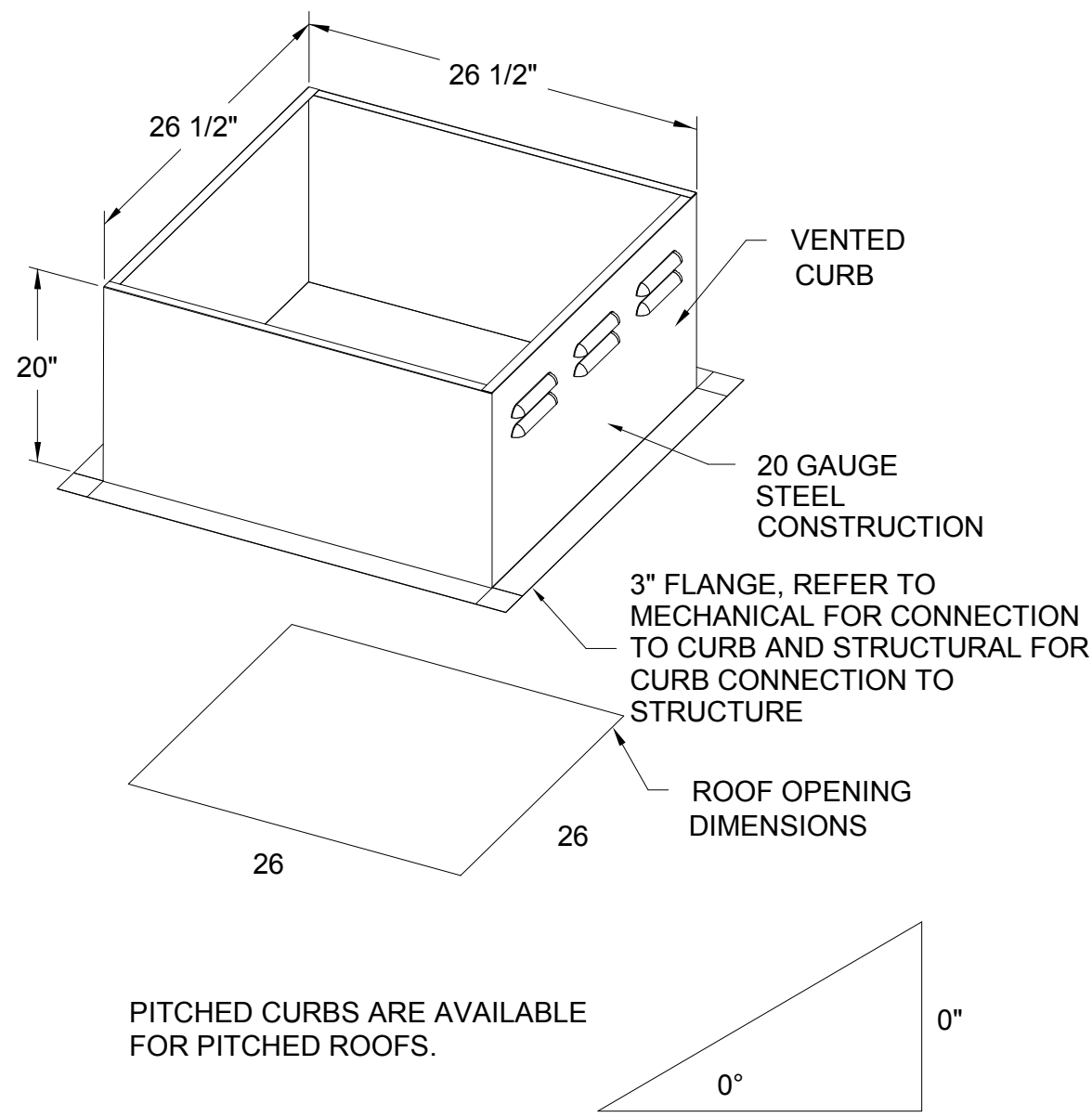
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST

EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

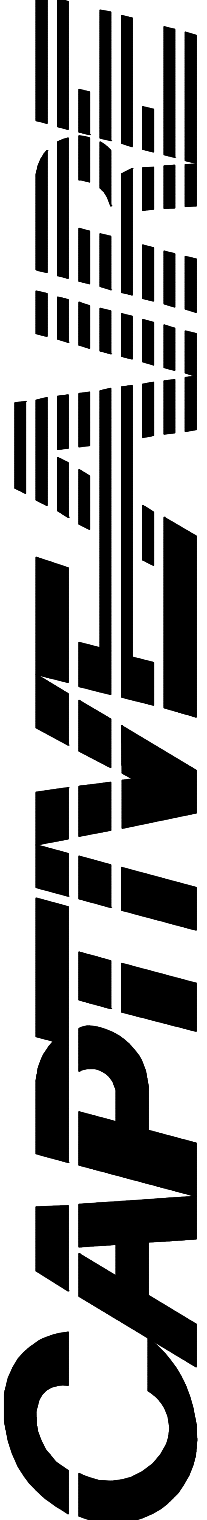
OPTIONS

GREASE BOX.
FULL CRATING FOR EXHAUST FANS.
FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.



PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE



Southern California Office
3002 Dow Ave., Suite 410, Tustin, CA 92780 PHONE: (714) 957-1500 FAX: (919) 227-5975 EMAIL: reg8@captiveaire.com

Matilija Junior HS, Ojai Unified SD - rev4

OJAI, CA, 93023

DATE: **1/4/2019**

DWG#: **3667973**

DRAWN BY: **DSL-86**

SCALE: **3/4" = 1'-0"**

MASTER DRAWING

SHEET NO.

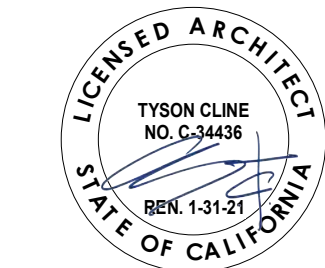
2

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

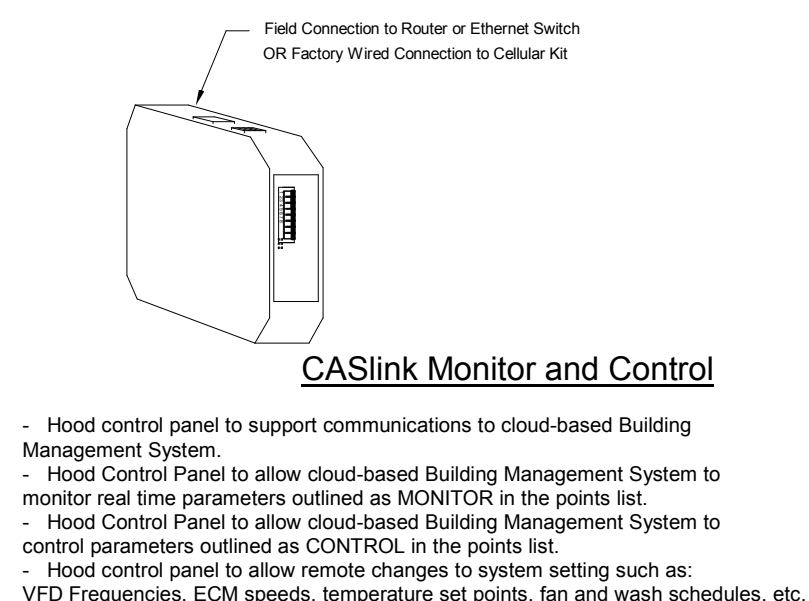
Revisions	No.	Description	Date

Sheet Name
**FOOD SERVICE
EQUIPMENT -
HOOD**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-9.4

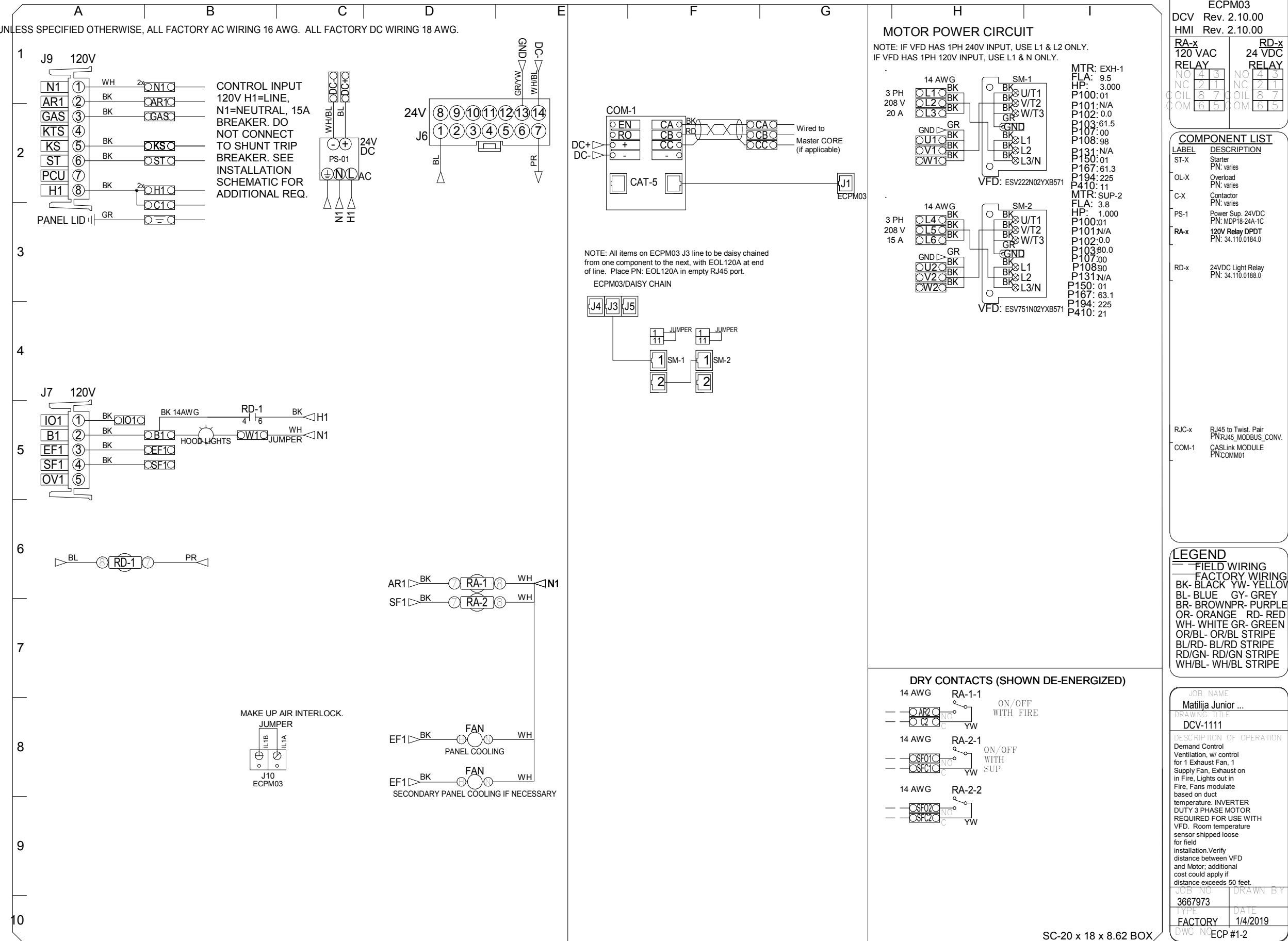
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



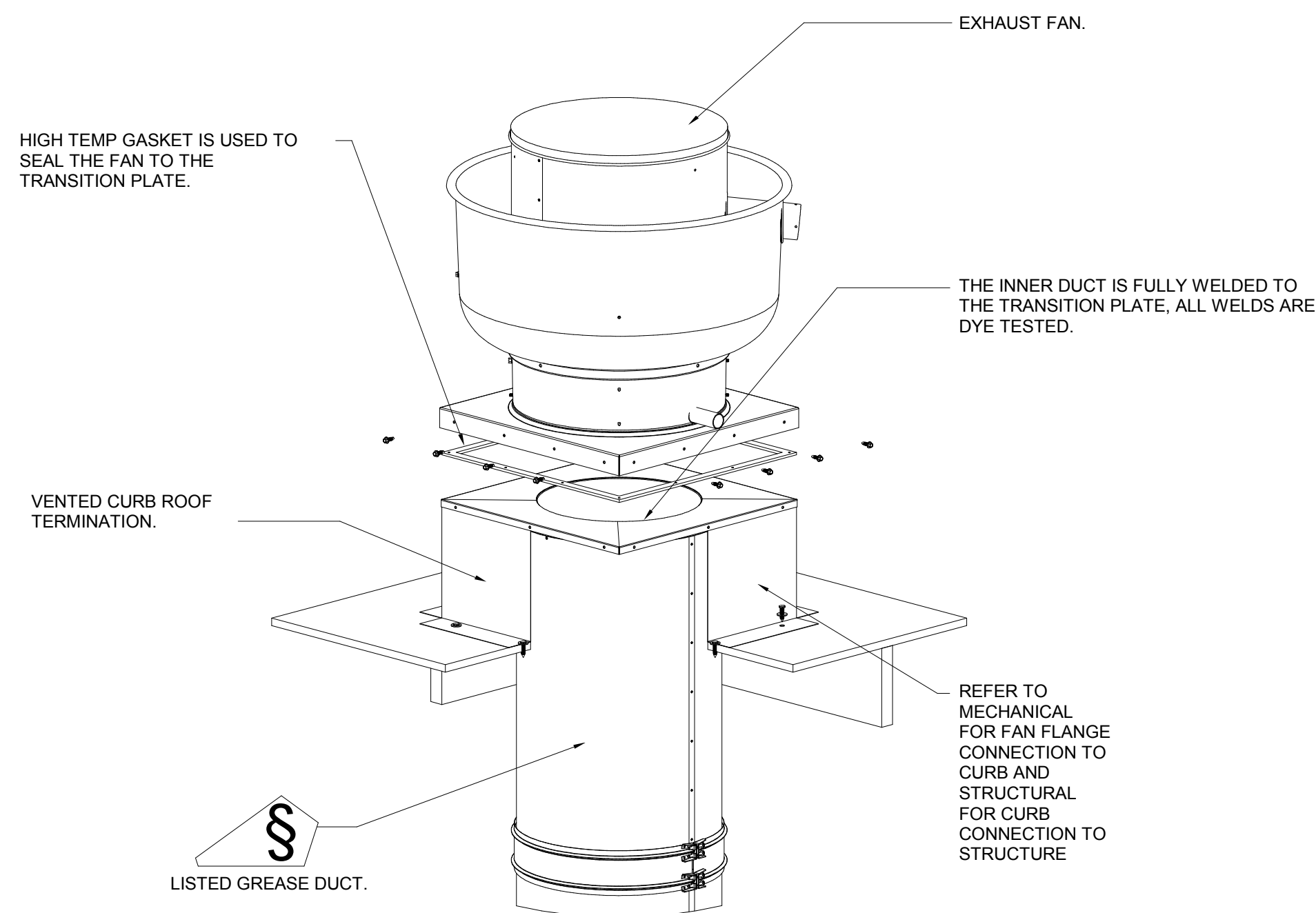
MONITORING AND CONTROL POINTS LIST			
DCV Packages	Function	DCV Packages	Function
Room Temperature	MONITOR	Fan Status	MONITOR
Duct Temperature(s)	MONITOR	PCU Faults	MONITOR
MUA Discharge Temperature	MONITOR	PCU Filter Clap Percentages	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Fire Condition	MONITOR
Fan Speed	MONITOR	CORE Fire System	MONITOR
Fan Amperage	MONITOR	Building Pressures	MONITOR
Fan Power	MONITOR	Prep Time Button	MONITOR & CONTROL
VFD Faults	MONITOR	Fans Button	MONITOR & CONTROL
Controller Faults	MONITOR	Lights Button	MONITOR & CONTROL
Fan Faults	MONITOR	Wash Button	MONITOR & CONTROL
SIC Packages	Function	SIC Packages	Function
Room Temperature(s)	MONITOR	Room Temperature(s)	MONITOR
Duct Temperature(s)	MONITOR	Duct Temperature(s)	MONITOR
MUA Discharge Temperature	MONITOR	MUA Discharge Temperature	MONITOR
Kitchen RTU Discharge Temperature	MONITOR	Kitchen RTU Discharge Temperature	MONITOR
Controller Faults	MONITOR	Controller Faults	MONITOR
Fan Status	MONITOR	Fan Status	MONITOR
PCU Faults	MONITOR	PCU Faults	MONITOR
PCU Filter Clap Percentages	MONITOR	PCU Filter Clap Percentages	MONITOR
Fire Condition	MONITOR	Fire Condition	MONITOR
CORE Fire System	MONITOR	CORE Fire System	MONITOR
Building Pressures	MONITOR	Building Pressures	MONITOR
Fans Button(s)	MONITOR & CONTROL	Fans Button(s)	MONITOR & CONTROL
Lights Button(s)	MONITOR & CONTROL	Lights Button(s)	MONITOR & CONTROL
Wash Button	MONITOR & CONTROL	Wash Button	MONITOR & CONTROL

ELECTRICAL PACKAGE - Job#3667973

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	φ	H.P.	VOLT	FLA
				01 - Face Mount Left Side of Hood	1 Light		Smart Controls DCV	Exhaust	3	3.000	208
Hood # 1	1 Fan	Supply	3	1.000	208	3.8					



All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or a



CAPTIVEAIRE SYSTEMS RECOMMENDS THE USE OF LISTED, PRE-FABRICATED ROUND GREASE EXHAUST DUCT TO REDUCE STATIC PRESSURE IN THE SYSTEM, MINIMIZE INSTALLATION AND INSPECTION TIMES, AND ENSURE DUCT IS LIQUID TIGHT.

§

GREASE DUCT & CHIMNEY SPECIFICATIONS:

PROVIDE GREASE DUCT EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW"

ROUND 20 GAUGE 430 STAINLESS STEEL DUCTWORK. MODEL "DW"

IS LISTED TO UL-1978 AND IS INSTALLED USING "V" CLAMP LOCKING

CONNECTIONS SEALED WITH 3M FIRE BARRIER 2000 PLUS. MODEL "DW"

DOES NOT REQUIRE WELDING PROVIDING IT HAS BEEN INSTALLED PER

THE MANUFACTURES INSTALLATION GUIDE.

PROVIDE RATED ACCESS DOORS AT EVERY CHANGE IN DIRECTION AND EVERY 12' ON CENTER.

PER MANUFACTURES LISTING MODEL "DW" HORIZONTAL RUNS LESS THAN 75 FT. CAN BE

SLOPED 1/16" PER 12", HORIZONTAL RUNS MORE THAN 75 FT. CAN BE SLOPED 3/16" PER 12".

DUCT SHOULD BE SLOPED AS MUCH AS POSSIBLE TO REDUCE THE CHANCE OF GREASE

ACCUMULATION IN HORIZONTAL RUNS.

IF THE DUCT OR CHIMNEY IS WITHIN 18 INCHES OF COMBUSTIBLE MATERIAL, PROVIDE UL-2221 OR UL-103 HT LISTED

DOUBLE WALL GREASE DUCT OR DOUBLE WALL CHIMNEY EQUAL TO CAPTIVEAIRE SYSTEMS MODEL "DW- 2R" OR "DW-3R"

ROUND 20 GAUGE 430 STAINLESS INNER DUCT INSULATED WITH A 24 GAUGE 430 STAINLESS OUTER SHELL. MODELS DW-2R

AND DW-3R ARE ETL LISTED UNDER FILE NO. 1000082319SAT-006 EEV AND COMPLY WITH UL 978 AND UL2221 STANDARDS.

HVAC DISTRIBUTION NOTE

HIGH VELOCITY DIFFUSERS OR HVAC RETURNS SHOULD NOT BE PLACED WITHIN TEN (10) FEET OF THE EXHAUST HOOD. PERFORATED DIFFUSERS ARE RECOMMENDED.

VERIFY CEILING HEIGHT

8' - 2"

HEIGHT REQUIRED TO VERIFY THAT HOOD FITS SPACE AND TO SIZE THE ENCLOSURE PANELS

CAPTIVE 

Southern California Office

3002 Dow Ave., Suite 410, Tustin, CA 92780 PHONE: (714) 957-1500 FAX: (919) 227-5975 EMAIL: reg@captivetre.com

Matilija Junior HS, Ojai Unified SD - rev4
OJAI, CA, 93023

DATE: 1/4/2019
DWG#: 3667973
DRAWN BY: DSL-86
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO.

1

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

03-119638

ACS _____ FLS _____ SS _____



**Roesling Nakamura
Terada Architects**

285 N Ventura Ave # 102
 Ventura, California
 P: 805.626.5330
 F: 805.626.5350
www.RNTarchitects.com





**OJAI UNIFIED SCHOOL
DISTRICT**

**DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJAH
JUNIOR HIGH
SCHOOL**

**CONSTRUCTION
DOCUMENTS**

Revisions		
No.	Description	Date

Sheet Name

**FOOD SERVICE
EQUIPMENT -
HOOD**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

DuctWork #1 Parts - Job#3667973

Tag	Part #	CFM	S.P.	Weight	Velocity	QTY	Description
P1	DW1645DWASY-2R-S	3150	-0.084	24.86	2256.02	1	Double Wall Duct - 16" Inner 45 Duct - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.
P2	DW1645DWASY-2R-S	3150	-0.12	24.86	2256.02	1	Double Wall Duct - 16" Inner 45 Duct - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.
P3	DW1647DWAJD-2R-S	3150	-0.031	103.97	2256.02	1	Double Wall Adjustable Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.
P4 Assembled w/P5	DW1647DWLT-2R-S	3150	-0.031	72.94	2256.02	1	Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.
P5 Assembled w/P4 System at P5	DW2616TPDBEX	3150	0	9.00	2256.02	1	Duct to Curb Transition 3/4" Down Turn, 26.5" Curb to 16" Duct, 16 GA Aluminized. Used on NCA16FA / NCA16HPFA & NCA18FA / NCA18HPFA. Transition Plate OD is 27.00" Designed For Use With Exhaust Fan. Non-Standard Part.
	3M-2000PLUS			0.80		2	Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.
	DW16DWCLASY-2R-S			8.49		1	Duct - 16" Duct - 20" Double "V" Clamp - 2R Insulation & Single "V" Clamp Included - Reduced Clearance.
	DW20DWRISER-2R-S			9.05		1	Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.
Total Weight				254.77			

SINGLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

DUCT DIAMETER	HORIZONTAL SUPPORT (ft)	VERTICAL WALL SUPPORT (ft)	VERTICAL CURB SUPPORT (ft)
8"	10'	10'	24'
10"	10'	10'	24'
12"	10'	10'	24'
14"	10'	10'	24'
16"	10'	10'	24'
18"	10'	10'	24'
20"	10'	10'	24'
22"	10'	10'	24'
24"	10'	10'	24'

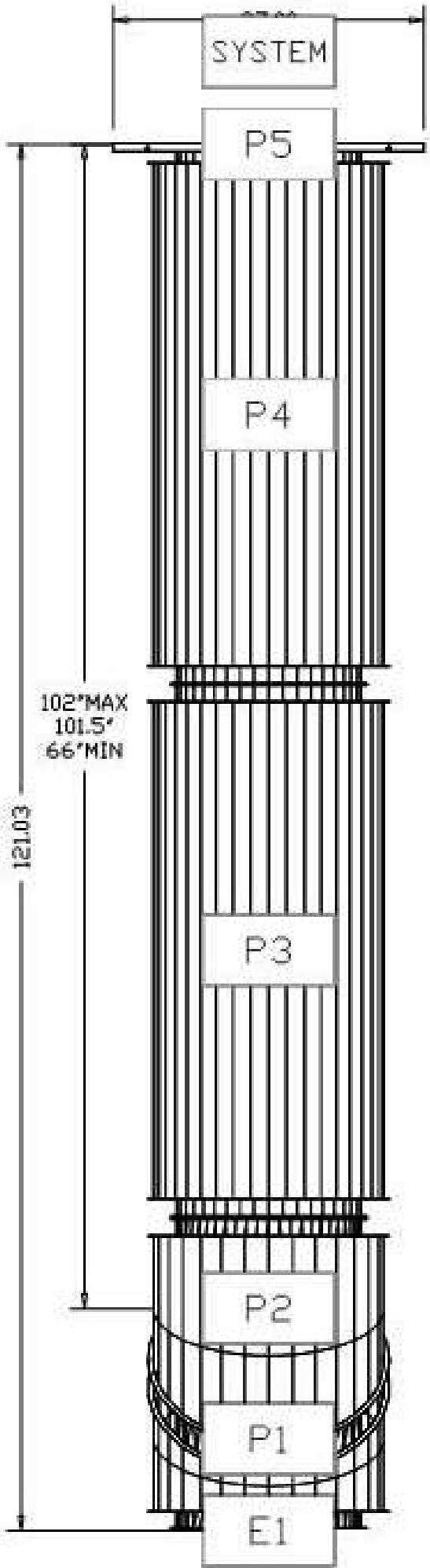
DOUBLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL.
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

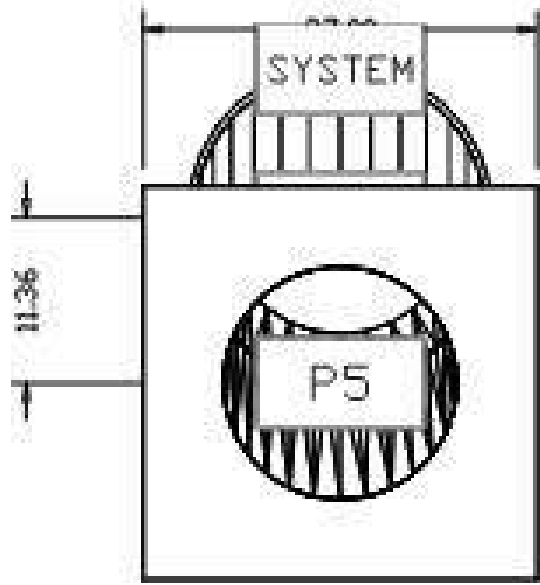
HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (ft)
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'

VERTICAL			
TYPE	WALL SUPPORT (ft)	CURB SUPPORT (ft)	FLOOR SUPPORT (ft)
2R & 2R HT	20'	24'	24'
3R	10'	24'	24'
3Z	10'	24'	24'

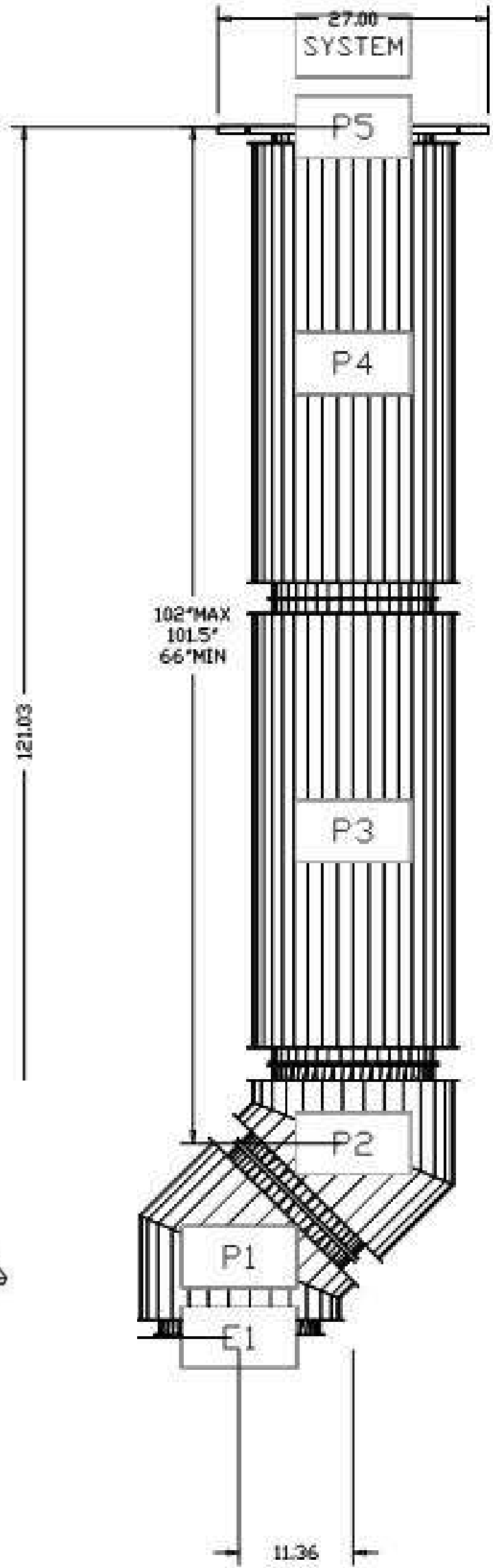
DuctWork #1
Front View



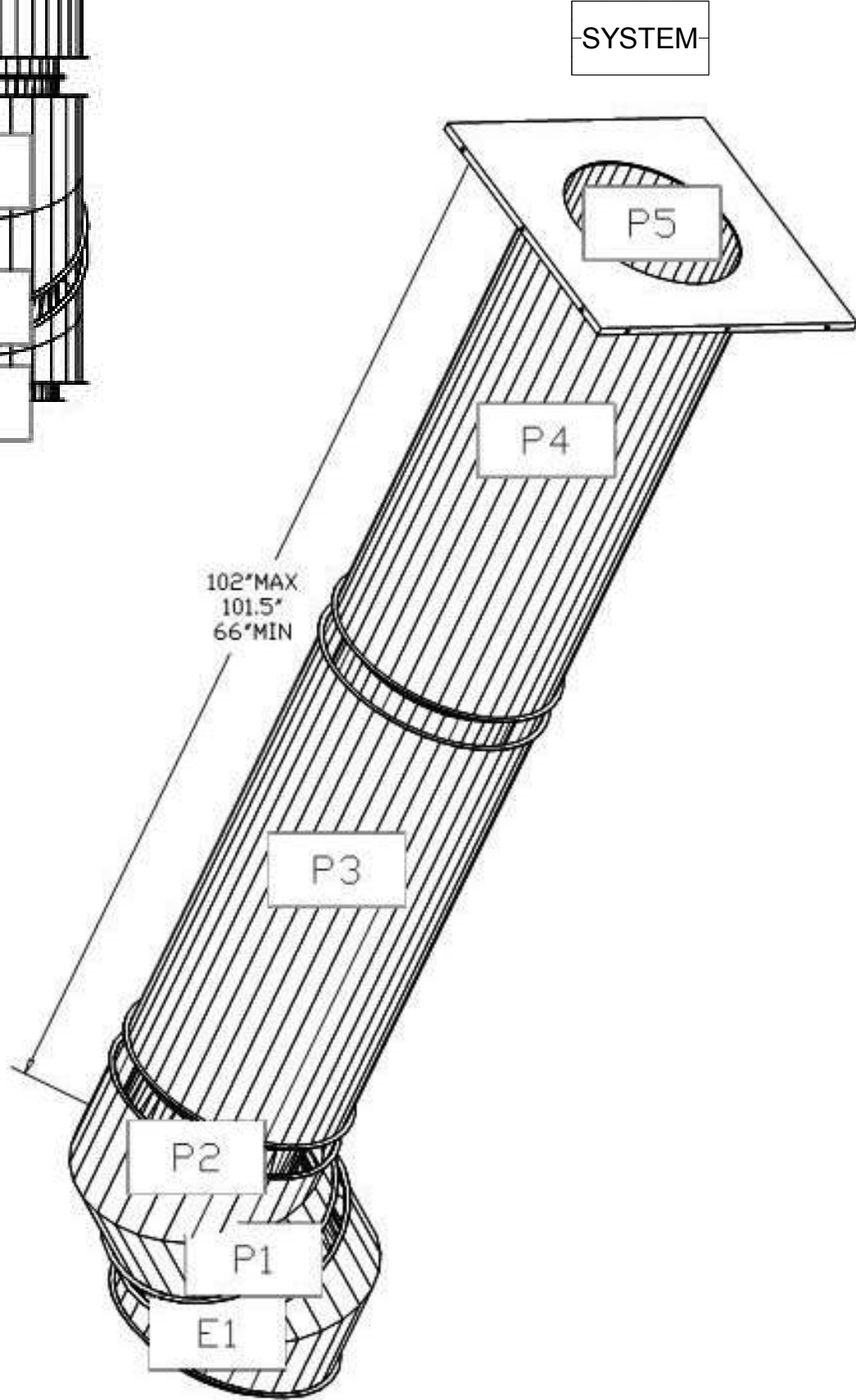
DuctWork #1
Top View




DuctWork #1
Side View



DuctWork #1 SE View





Southern California Office
3002 Dow Ave., Suite 410, Tustin, CA, 92780 PHONE: (714) 957-1900 FAX: (919) 227-5975 EMAIL: reg8@captiveare.com

Matilija Junior HS, Ojai Unified SD - rev4
OJAI, CA, 93023

DATE: **1/4/2019**
DWG#: **3667973**
DRAWN BY: **DSL-86**
SCALE: **3/4" = 1'-0"**
MASTER DRAWING

SHEET NO.
1.1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions	No.	Description	Date

Sheet Name
**FOOD SERVICE
EQUIPMENT -
HOOD**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-9.7

All ideas, arrangements and plans indicated on this drawing are owned by, and the property of, Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

GENERAL INFORMATION

1. Nozzles must be located 2-8 in. (5-20 cm) into the center of the duct opening, discharging up. See Figure 1.

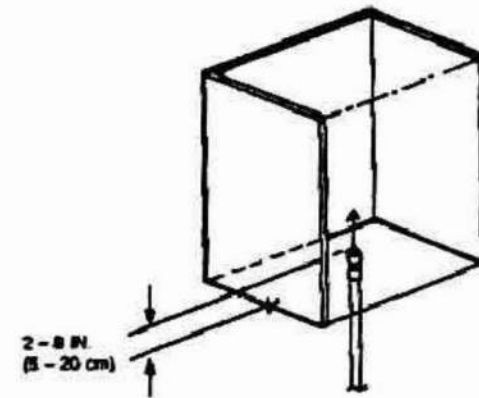


FIGURE 1

2. In installations where a UL listed damper assembly is employed, the duct nozzle can be installed beyond the 8 in. (20 cm) maximum, to a point just beyond the damper assembly that will not interfere with the damper. Exceeding the maximum of 8 in. (20 cm) in this way will not void the UL listing of the system.

3. Previously listed 3 flow number and 5 flow number duct protection detailed in earlier published manual, Part No. 418087-06, can also still be utilized.

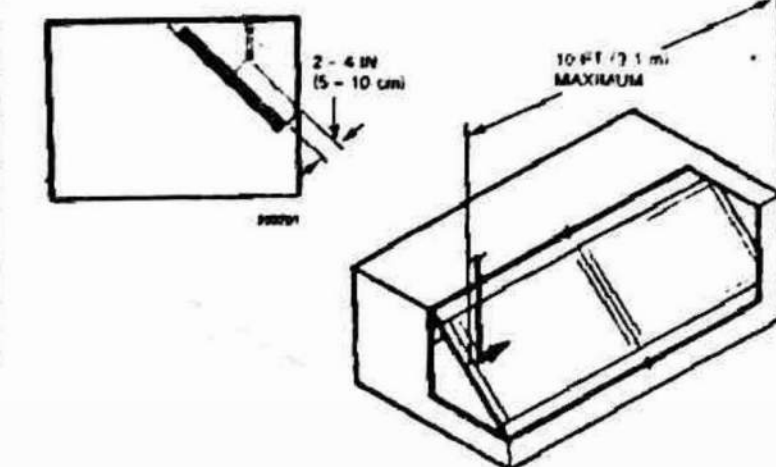
DUCT SIZES UP TO 100 IN. (254 cm)
PERIMETER 32 IN. (81.3 cm) DIAMETER

- One 2W Nozzle (Part No. 419337) = two flow numbers
- 100 in. (254 cm) perimeter maximum
- 32 in. (81.3 cm) diameter maximum

HORIZONTAL PROTECTION - OPTION 1

1N NOZZLE - PART NO. 419335 - SINGLE BANK PROTECTION

One 1N nozzle will protect 10 linear feet (3.1 m) of single liter bank plenum. The nozzle(s) must be mounted in the plenum, 2 to 4 in. (5 to 10 cm) from the face of the liter, centered between the liter height dimension, and aimed down the length. See Figure 9.



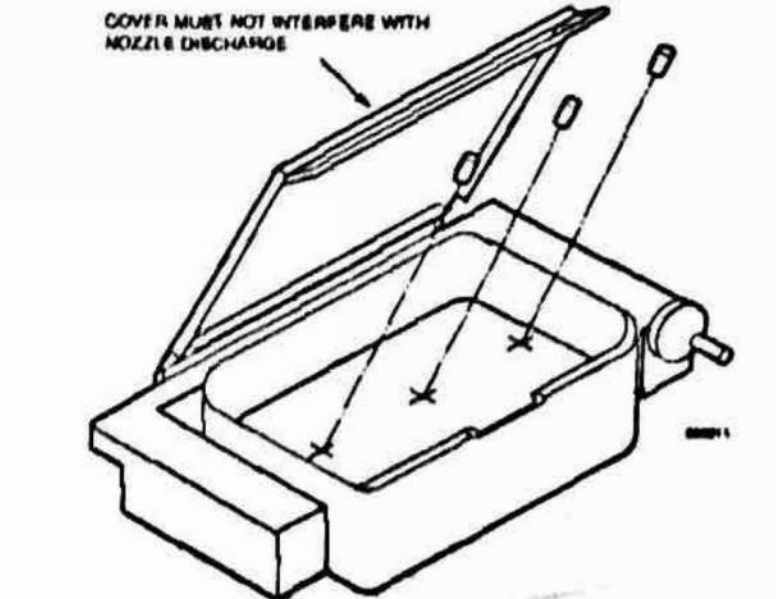
Multiple Nozzle Fryer Protection - Tilt Skillet / Braising Pan

Protection for tilt skillets or braising pans is to be based upon the coverage limitations provided for deep fat fryer protection. Refer to Section IV, DESIGN, starting on Page 4-10, for maximum fryer nozzle coverages and maximum fryer nozzle height limitations.

Although the maximum 6 sq. ft. total surface cooking area requirement applies to fryer protection, it does not apply to tilt skillets or braising pans.

Each tilt skillet/braising pan protected module must not exceed the fryer limitations for "MAXIMUM SIZE MODULE OVERALL WITH DRIPBOARD" coverage per nozzle as described in Table on Page 4-11.

Tilt skillets and braising pans generally utilize a hinged cover. Fryer protection nozzles are to be placed toward the front of the appliance to minimize the potential for the tilt skillet or braising pan cover to interfere with the nozzle discharge. See Figure 25.

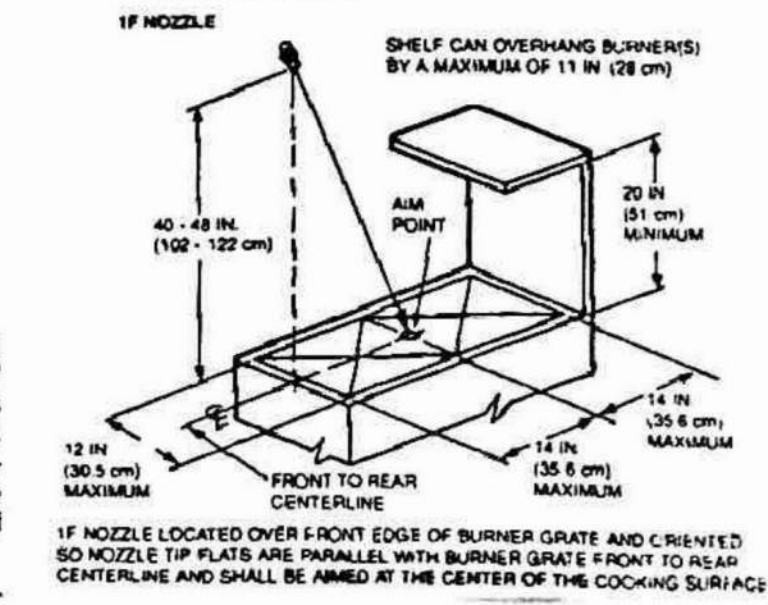


Fryer - Single Nozzle Protection (Continued)

Maximum Area Dimensions - Single Nozzle Fryer Protection (Continued)

Max. Size Frypot Only	Max. Size Overall With Dripboard	Type of Nozzle	Nozzle Height Above Top of Fryer
19 1/2 in. x 11 in. (50 cm x 40 cm)	19 1/2 in. x 25 3/8 in. (50 cm x 65 cm)	3N	25 in. to 36 in. (64 cm to 89 cm)

Option 1: 1F Nozzle: When using the 1F nozzle for range protection with back shelf, the maximum length of the burner grates being protected must not exceed 28 in. (71 cm) and the maximum area of the burner grates must not exceed 336 sq. in. (2168 sq. cm). See Figure 27 for nozzle location details.



Griddle Protection 1-Flow Nozzle

The R-102 system uses four different nozzles for the protection of griddles. One of the applications requires a 1-flow nozzle and three of the applications require a 2-flow nozzle.

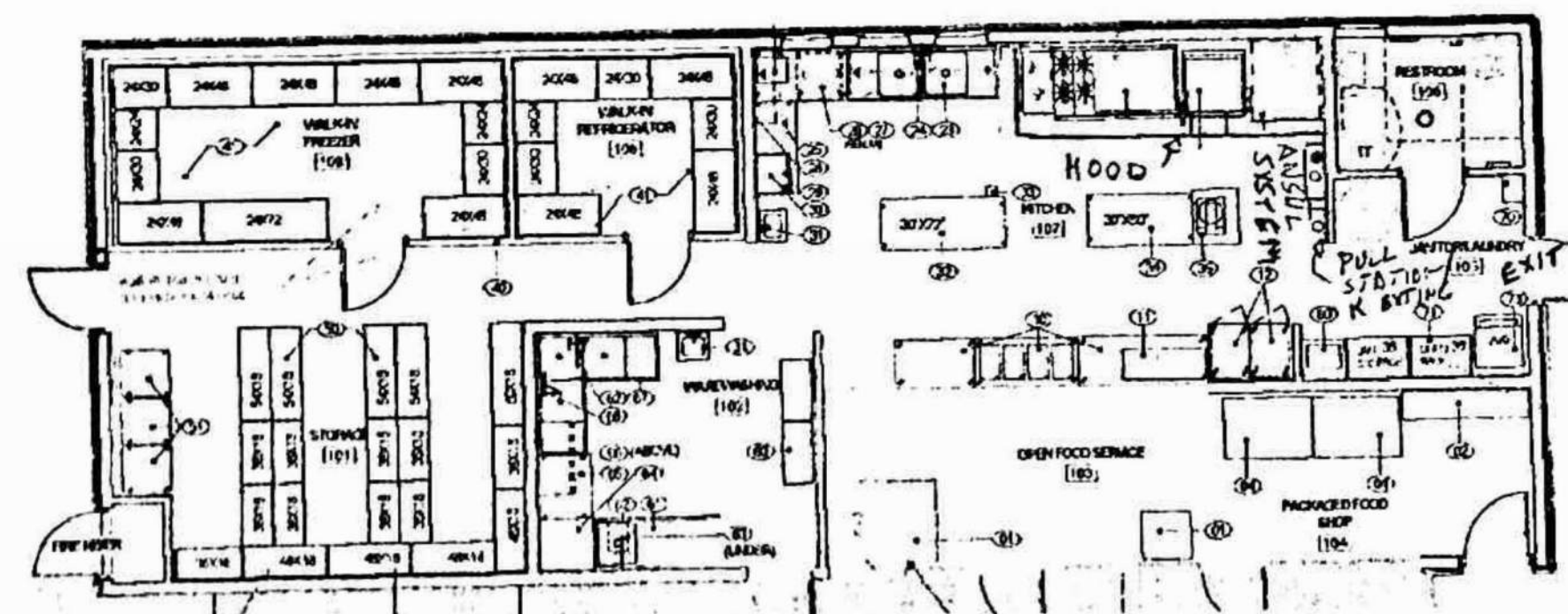
High Proximity Application: 35 in. to 40 in. (89 to 102 cm) above the cooking surface.

This high proximity application uses the 1N nozzle, Part No. 419335.

The nozzle tip is stamped with 1N indicating this is a one-flow nozzle and must be counted as one flow number.

One 1N nozzle will protect a maximum cooking area of 1080 sq. in. (6968 sq. cm) with the maximum longest side of 36 in. (91 cm).

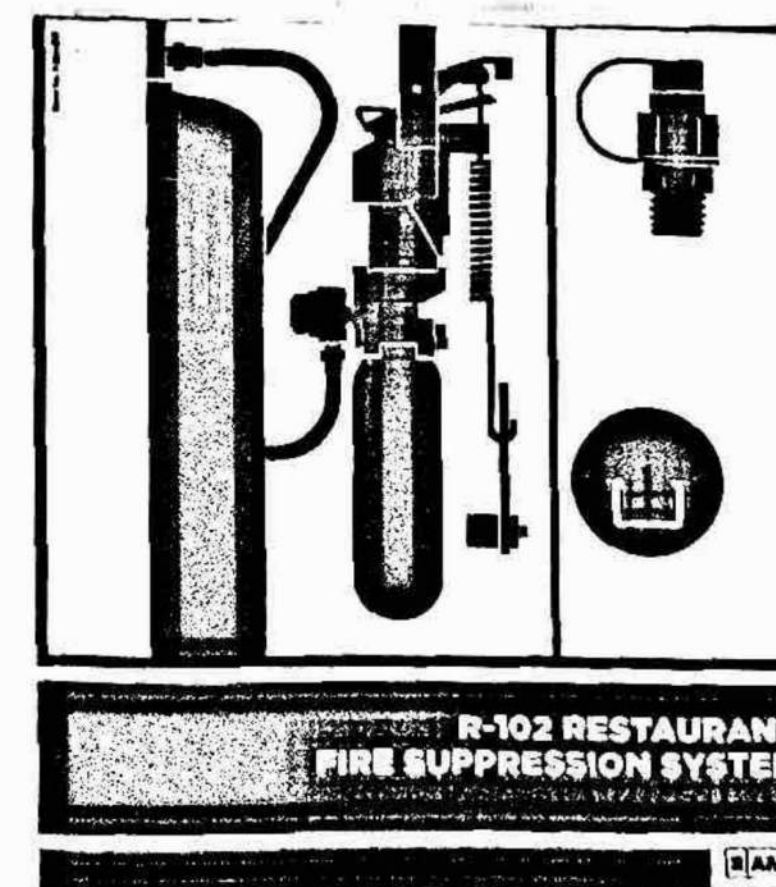
When using this nozzle for griddle protection, the nozzle must be positioned along the cooking surface perimeter to a maximum of 2 in. (5 cm) inside the perimeter, and aimed to the midpoint of the cooking surface. See Figure 35 and 36.



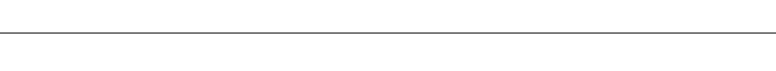
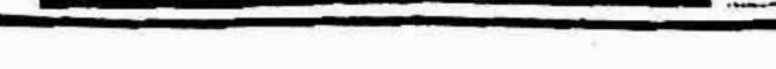
System Notes

1. Gas and electric under hood to shutdown on system activation
2. Make-up air to shutdown, exhaust to stay on at system activation
3. Pull station to be at least 10 feet from hood, towards exit and 48 inches off finished floor
4. Class K extinguisher will be needed within 30 feet of hood
5. We supply micro-switch for various shutdown or alarm. Any electric work is not in our scope of work.

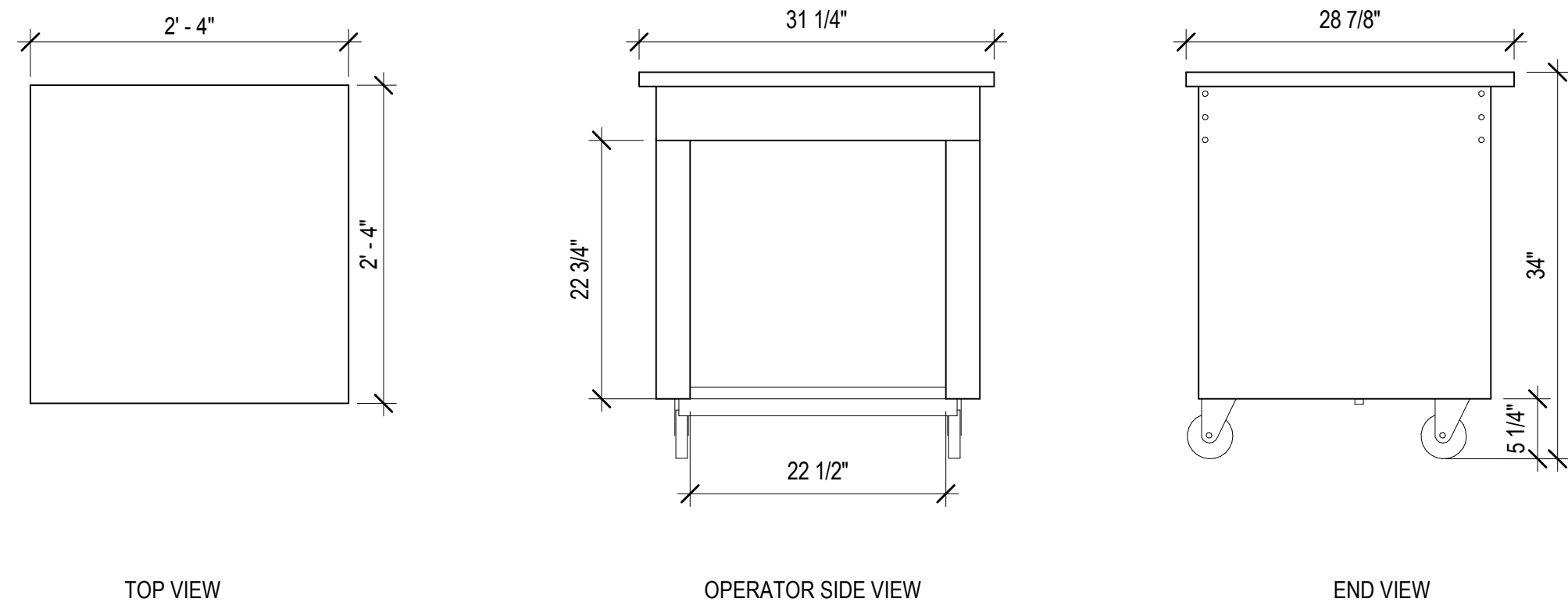
ALL WORK PERFORMED TO UL 300, NFPA 96, NFPA 99 AND ALL STATE AND LOCAL CODES



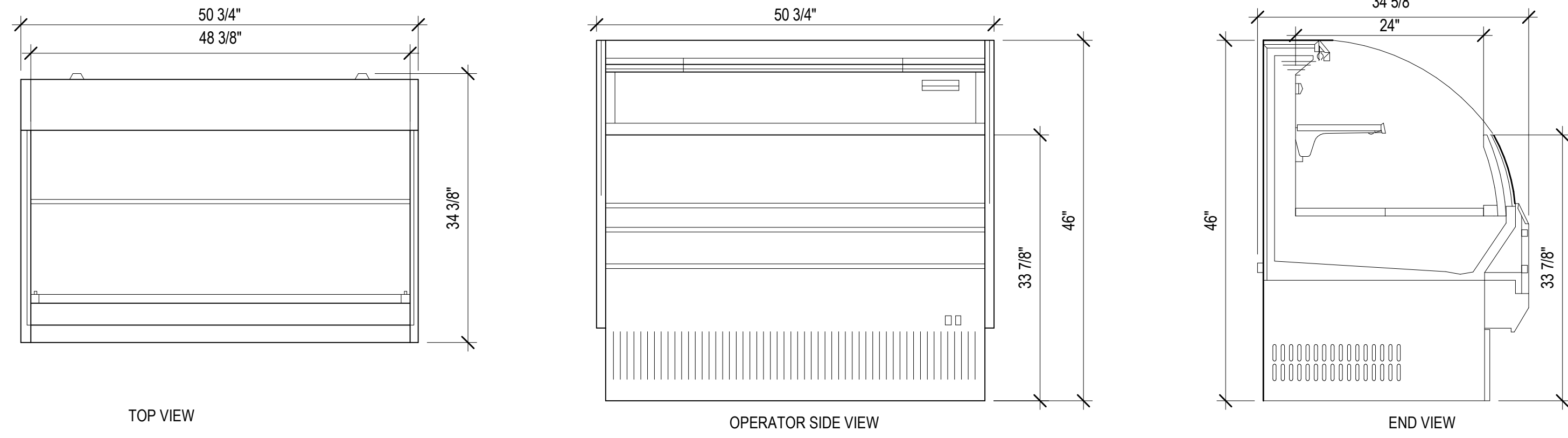
R-102 RESTAURANT FIRE SUPPRESSION SYSTEM



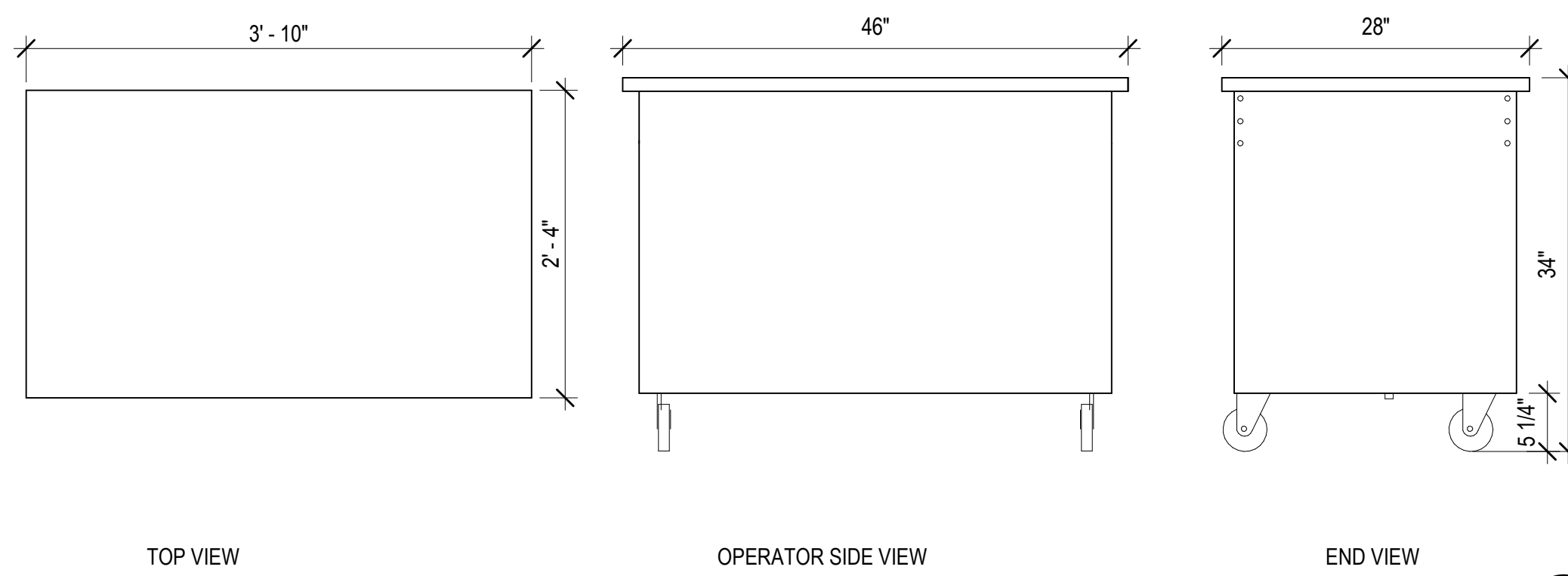
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or a



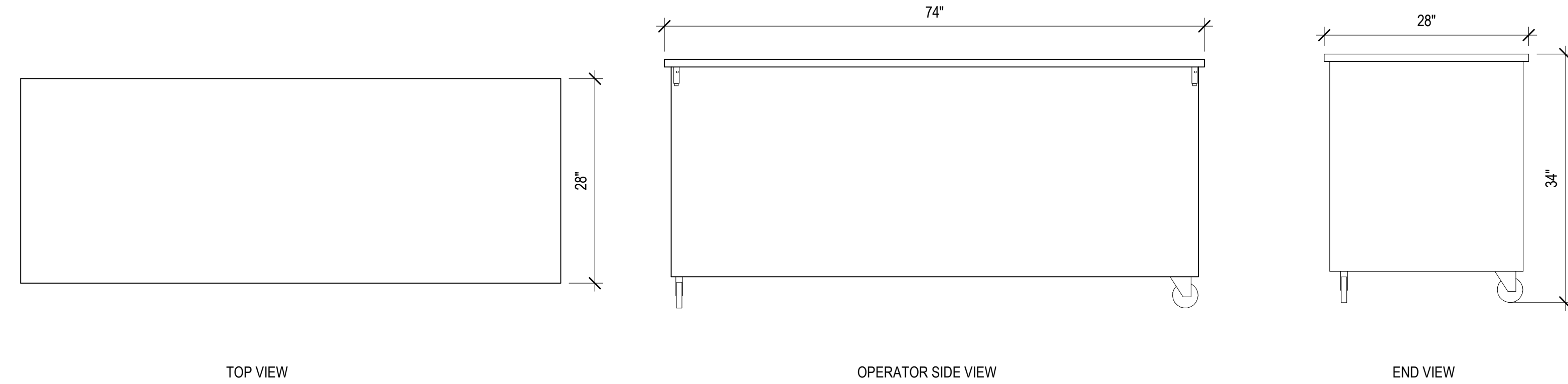
ITEM 1

$$1'' = 1'-0'' \quad (1)$$


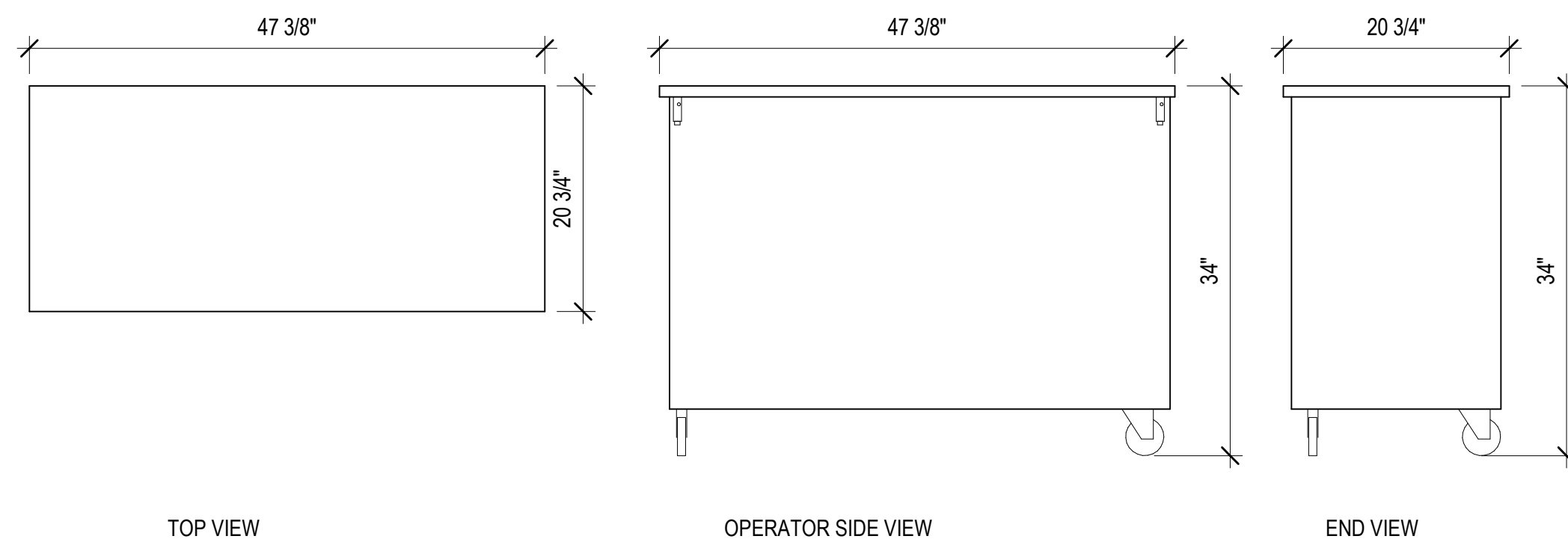
ITEM 4

$$1'' = 1'-0'' \quad (4)$$


ITEM 1.1

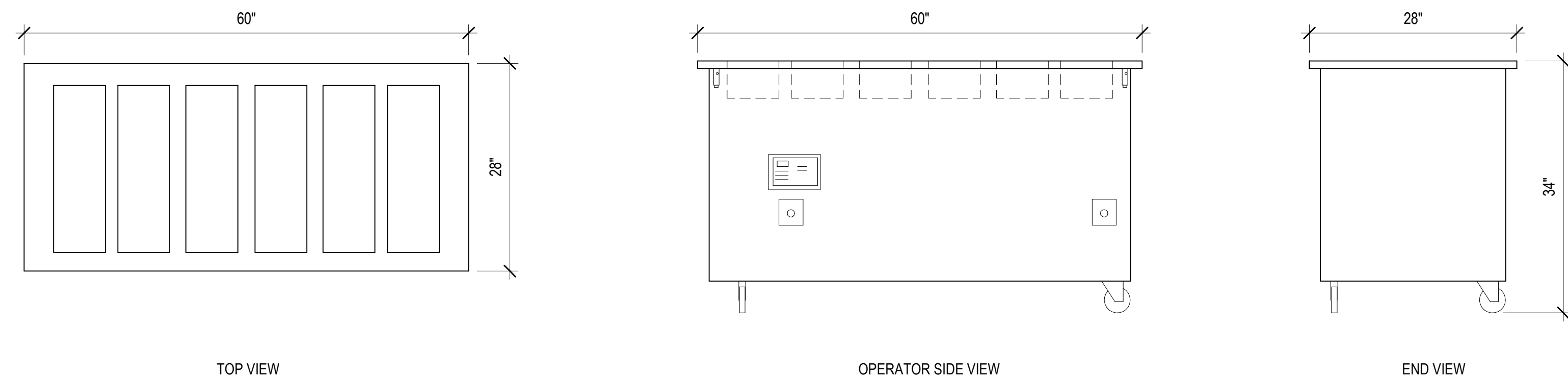
$$1'' = 1'-0'' \quad (1.1)$$


ITEM 10.1

$$1'' = 1'-0'' \quad (10.)$$


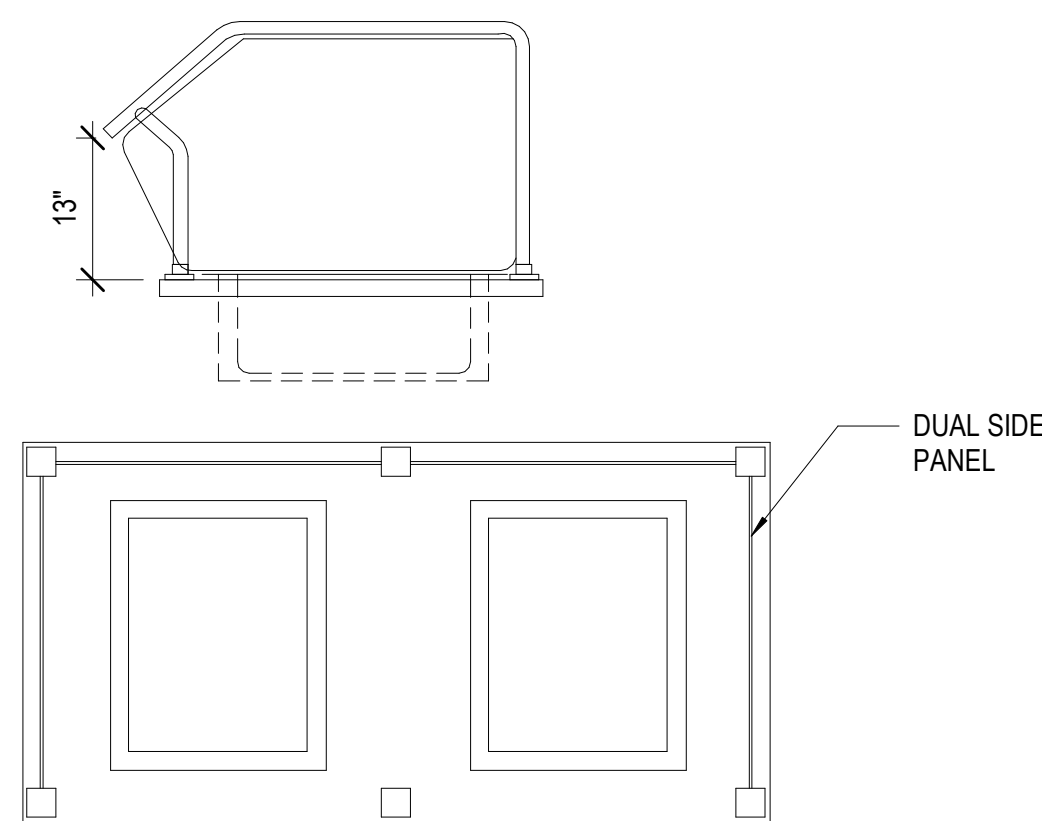
ITEM 10.3

1" = 1'-0" (10.3)



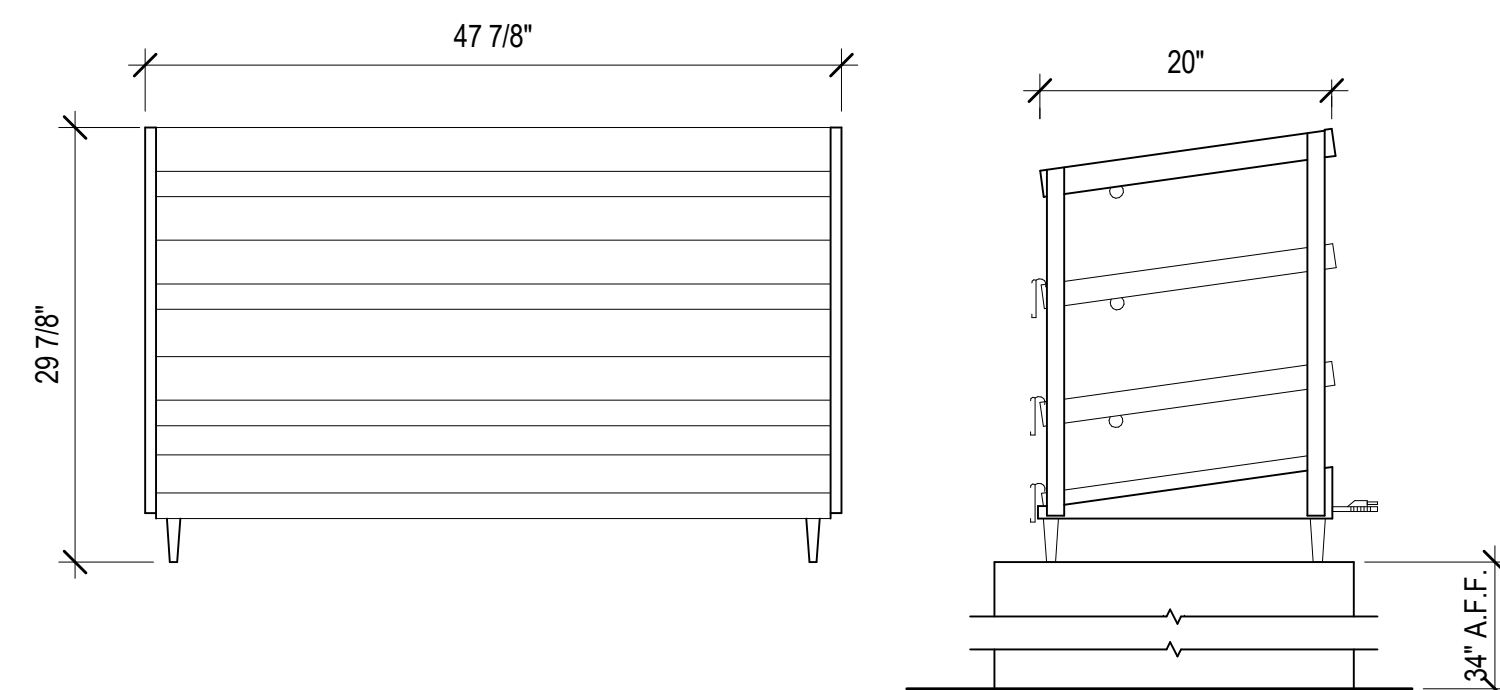
ITEM 10.2

1" = 1'-0" (10.

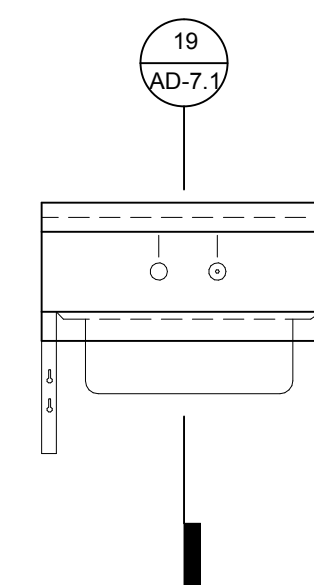


ITEM 10.4

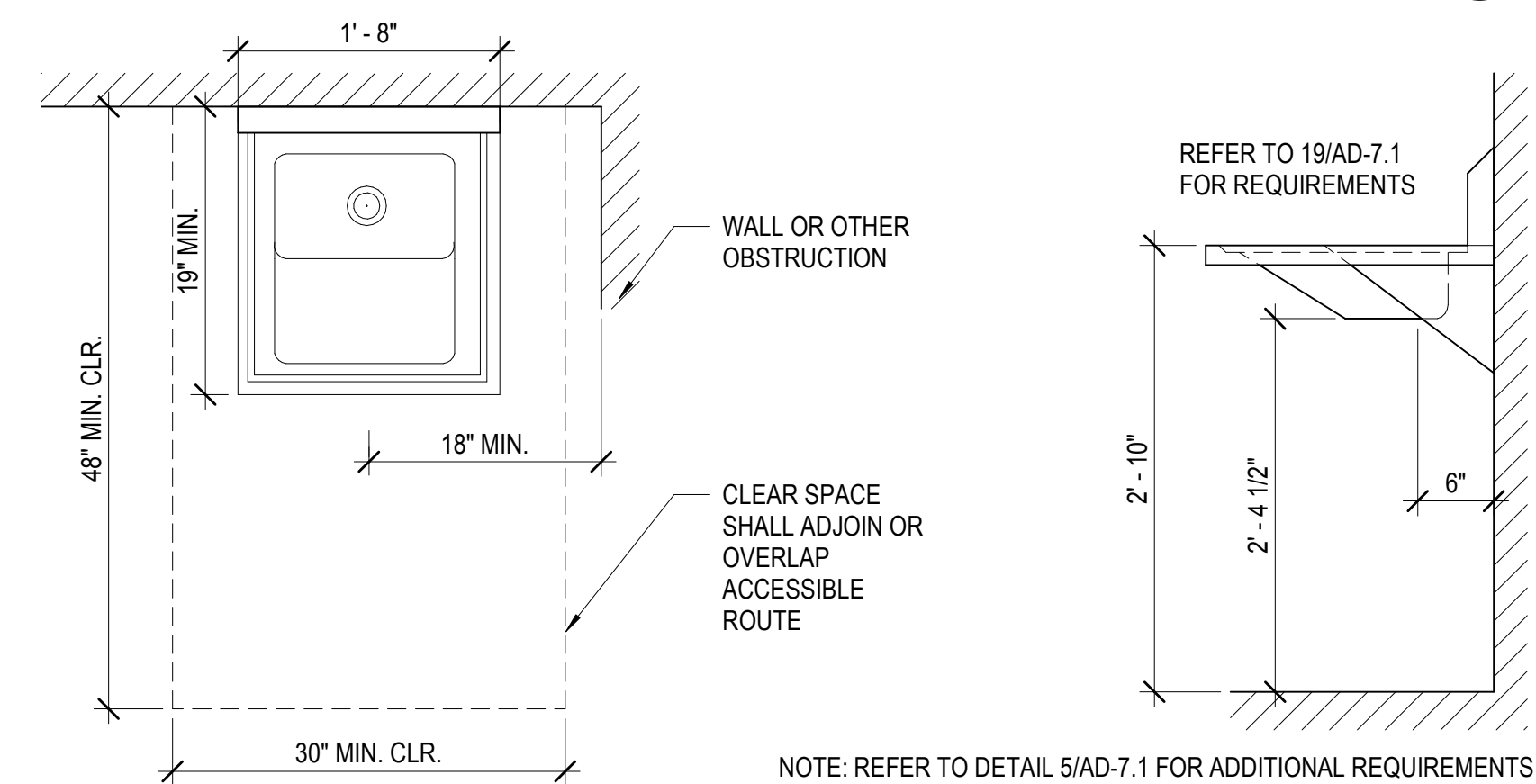
$3/4" = 1'-0"$ (10.4)



ITEM 11



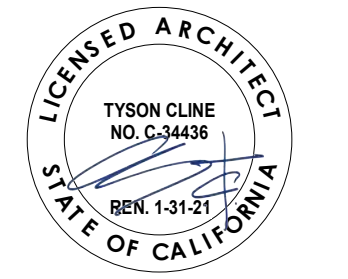
ITEM 31


$$1'' = 1' - 0'' \quad (3)$$

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

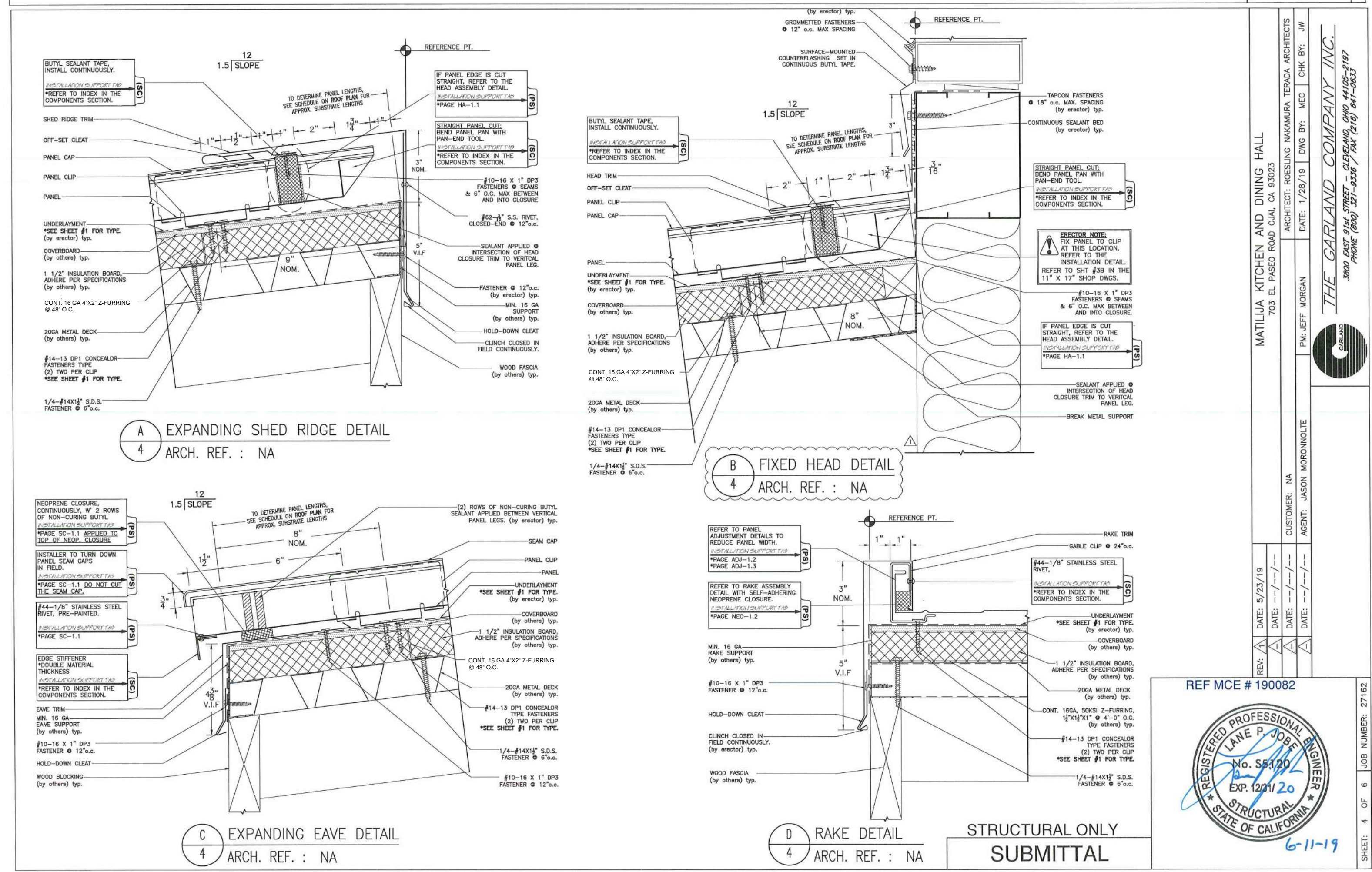
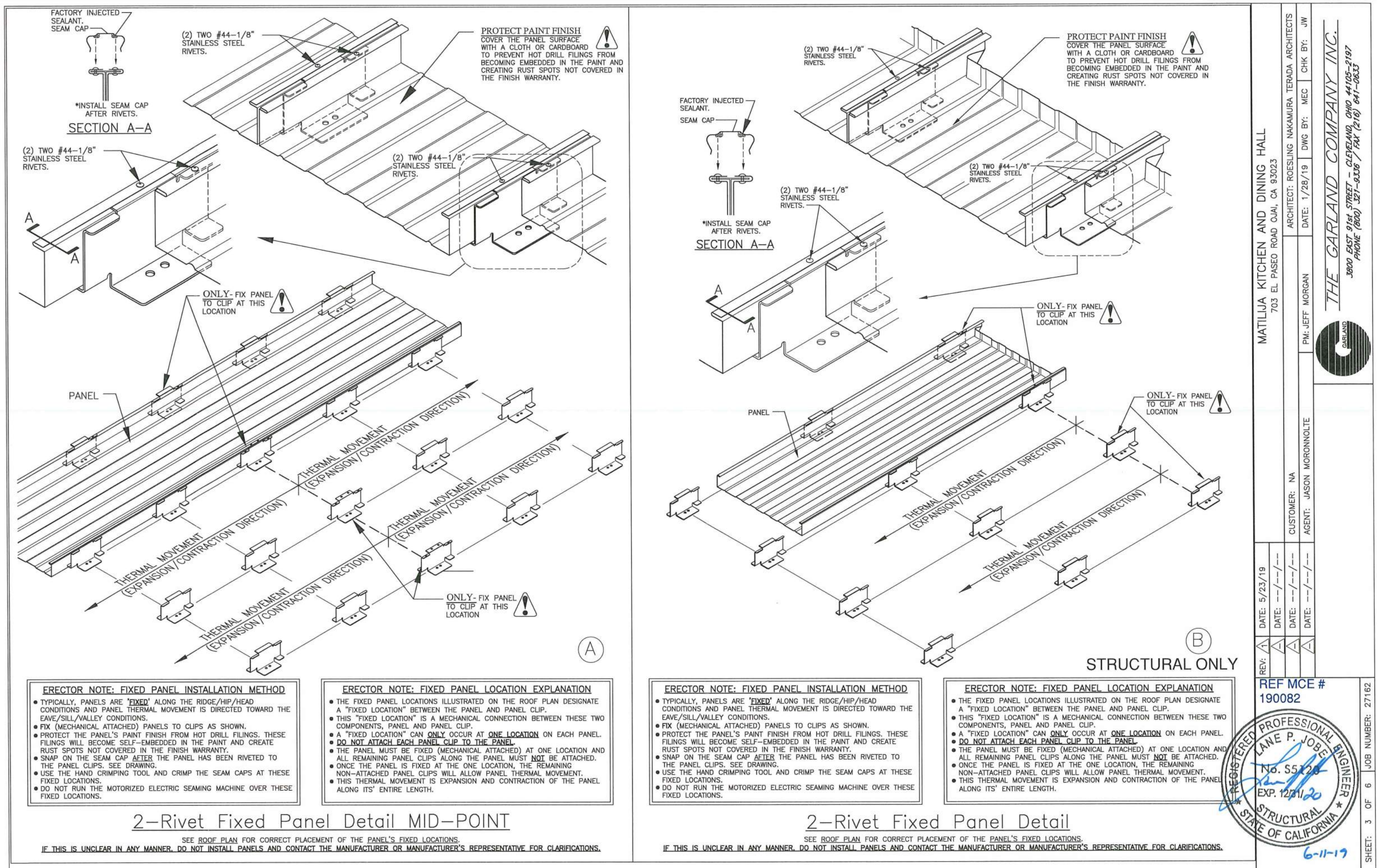
FOOD SERVICE EQUIPMENT DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	EV
Checked by	TB
Sheet Number	

AD-9.9

6/29/2019 11:14:20 AM

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or a



CS _____ FLS _____ SS _____



CONSTRUCTION
DOCUMENTS

STANDING SEAM DETAILS

STANDING SEAM DETAILS

Date 02/04/2019

Checked by _____

— 133 —

6/19/2019 10:42:26 AM

All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

STRUCTURAL CONCRETE

- 030500-0000 (04/01/17)
- CONCRETE SHALL BE MIXED, PLACED AND CURED IN ACCORDANCE WITH ACI 318 AND ACI 301 LATEST EDITION, AND PROJECT SPECIFICATIONS.
 - CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FILL OF CONCRETE SHALL NOT EXCEED SIX FEET. A SUFFICIENT NUMBER OF CHUTES OR TRUNKS SHALL BE USED TO ENSURE THE CONCRETE IS KEPT LEVEL AT ALL TIMES.
 - CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHENED BY REMOVING THE ENTIRE SURFACE TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED IN THE MORTAR MATRIX. SEE PLANS AND DETAILS FOR LOCATION AND TYPE OF CONSTRUCTION JOINT. LOCATIONS OF ADDITIONAL CONSTRUCTION JOINTS NOT SHOWN ON THESE PLANS SHALL BE SUBMITTED FOR APPROVAL TO THE EOR PRIOR TO PLACING ANY CONCRETE.
 - STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING DESIGN CRITERIA:

LOCATION	MIN 28-DAY COMP STRENGTH	CONC TYPE	MAX AGGREGATE SIZE	MAX W/C RATIO
FOUNDATIONS	3000 PSI	NWC	1 1/2"	0.55
INTERIOR SLAB ON GRADE NOT EXPOSED TO WEATHER OR RECEIVING FLOORING FINISH	4000 PSI	NWC	1"	0.50
ALL OTHER STRUCTURAL CONCRETE NOT NOTED ABOVE	3000 PSI	NWC	1"	0.50

- MAXIMUM AIR DRY UNIT WEIGHT OF LIGHTWEIGHT CONCRETE SHALL NOT EXCEED 110 PCF, UNLESS APPROVED BY EOR.
 - WHEN THE USE OF PLASTICIZER (ASTM C1017, TYPE I OR II) OR WATER REDUCER (ASTM C494, TYPE F OR G) IS USED, MAXIMUM SLUMP SHALL BE 4" PRIOR TO ADMIXTURE AND 8" INCLUDING ADMIXTURE AT THE POINT OF DELIVERY. IN THE ABSENCE OF PLASTICIZER AND WATER REDUCER, SLUMP AT THE POINT OF DELIVERY SHALL NOT EXCEED 4".
 - W/C RATIO INDICATES WATER TO CEMENTITIOUS MATERIALS RATIO.
 - FOR INTERIOR SLABS ON GRADE AND ALL OTHER SLABS RECEIVING ADHERED FLOORING FINISHES (I.E., GULFO, ETC.), THE MAXIMUM W/C RATIO SHALL NOT EXCEED 0.46. CURING COMPOUNDS USED ON CONCRETE THAT IS TO RECEIVE FINISHES SHALL BE COMPATIBLE WITH TILE AND ADHESIVES OR GROUTS IN ACCORDANCE WITH MANUFACTURER'S DATA AND BE APPROVED BEFORE USE.
 - SLABS ON GRADE, TOPPING SLABS, AND ELEVATED CONCRETE FLOORS SHALL HAVE A MAXIMUM SHRINKAGE RATE OF 0.04% AT 28 DAYS PER ASTM C 157 (CURING TEST). SPECIMENS TO BE CONSISTENT WITH FIELD CONDITIONS, OR USING EMBEDDED VIBRATING WIRE STRAIN GAUGES. RESULTS OF TESTING SHALL BE SUBMITTED TO ENGINEER.
 - SEE ACI 318-11 SECTION 3.3.2 FOR ADDITIONAL REQUIREMENTS REGARDING MAXIMUM AGGREGATE SIZE.
 - AGGREGATE GRADATION OF 3/8" MAXIMUM (PEA GRAVEL) SHALL NOT BE USED WHERE FINISHED CONCRETE SURFACE IS EXPOSED TO VIEW.
- CONCRETE MIX DESIGN AND TESTING SHALL MEET THE REQUIREMENTS OF THE BUILDING CODE AND SPECIFICATIONS. ALL CONCRETE MIXES SHALL BE DESIGNED PER ACI 318 SECTION 5.2 BY A RECOGNIZED TESTING LAB STAMPED AND SIGNED BY A LICENSED CALIFORNIA CIVIL ENGINEER AND SUBMITTED TO THE EOR FOR REVIEW PRIOR TO CONCRETE PLACEMENT. STRUCTURAL CONCRETE MIXES SHALL CONSIST OF 5 SACK MINIMUM UNO.
 - AGGREGATES IN NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33 (HARDROCK). AGGREGATES IN LIGHT WEIGHT CONCRETE SHALL CONFORM TO ASTM C-330.
 - COMPRESSIVE STRENGTH TEST REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND THE EOR.
 - PORTLAND CEMENT SHALL BE TYPE V AND SHALL CONFORM TO ASTM C150, LOW ALKALI. MILL TESTS WITH CERTIFICATES OF COMPLIANCE SHALL BE SUBMITTED.
 - FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 CLASS F MAY BE USED AS A PARTIAL SUBSTITUTION FOR PORTLAND CEMENT UP TO A MAXIMUM OF 25% TOTAL CEMENTITIOUS MATERIALS BY WEIGHT IF THE MIX DESIGN IS PROPORTIONED BY FIELD EXPERIENCE OR TRIAL MIXTURES.
 - CONCRETE MIXING OPERATIONS, ETC. SHALL CONFORM TO ASTM C94.
 - LEAN CONCRETE, WHERE SPECIFICALLY INDICATED, SHALL CONTAIN 2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.
 - DRYPACK OR NONSHRINK GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI, AND CONSIST OF MASTERFLOW 713, ELUCON NS GROUT, SIKKA GROUT 212, OR APPROVED EQUAL. FOR THICK GROUT LAYERS FOLLOW MANUFACTURER'S GUIDELINES TO ATTAIN THE REQUIRED STRENGTH, WHICH MAY INCLUDE THE ADDITION OF PEA GRAVEL. FOR BASE PLATES LARGER THAN 6 SQUARE FEET, USE HI-FLOW GROUT OR MASTERFLOW 928.
 - DO NOT USE ANY CONCRETE OR GROUT CONTAINING CHLORIDES. WATER USED IN MIX SHALL BE CLEAN AND POTABLE.
 - PRIOR TO ERECTING ANY ELEMENTS THAT LOAD THE FOUNDATION, CONCRETE MUST REACH AN UNCONFINED COMPRESSION STRENGTH OF 2000 PSI MINIMUM AS DETERMINED BY TESTING OR PREVIOUSLY DOCUMENTED DATA FOR THE MIX DESIGN USED UNDER SIMILAR CONDITIONS, AND MUST BE ALLOWED TO CURE FOR A MINIMUM OF 3 DAYS.
 - MAINTAIN CONCRETE ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY EOR.
 - SEE ARCHITECTURAL DRAWINGS FOR WALL OPENINGS, WALL OFFSETS, CHAMFERS, KERFS, DRIPS AND FOR EXTENT OF DEPRESSIONS, RAMPS, ETC.
 - PROVIDE SLEEVES FOR ALL PIPES THROUGH CONCRETE WALLS AND FOOTINGS WHERE SHOWN ON THESE DRAWINGS. CORING IS NOT PERMITTED WITHOUT PRIOR APPROVAL BY THE EOR.
 - EXPOSED CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER OR 1/2" RADIUS TOOLED EDGE, UNO.

REINFORCING STEEL

- 030500-0000 (04/01/17)
- REINFORCING GRADES FOR CONCRETE OR MASONRY:
 - ALL BARS EXCEPT THOSE TO BE WELDED..... ASTM A615, GRADE 60
 - TIES AND STIRRUPS..... ASTM A615, GRADE 60
 - WELDED WIRE FABRIC..... ASTM A1064
 - ALL BARS TO BE WELDED..... ASTM A706, GRADE 60
 - NOTE: ALL BARS SHALL BE DEFORMED.
 - MAINTAIN MINIMUM CONCRETE COVER FROM FACE OF CONCRETE TO EDGE OF ALL REINFORCEMENT AS FOLLOWS (UNO):

CONDITION	COVER
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
FORMED AND EXPOSED TO EARTH OR WEATHER	
- #6 BARS AND LARGER	2"
- #5 BARS AND SMALLER	1 1/2"
UNEXPOSED RAISED SLABS AND WALL FACES (#11 BARS AND SMALLER)	3/4"
UNEXPOSED COLUMNS AND BEAMS	1 1/2"
STRUCTURAL SLABS ON GRADE	
- FROM BOTTOM OF SLAB	2"
- FROM TOP OF SLAB	1 1/2"
OTHER CONCRETE NOT EXPOSED TO WEATHER OR EARTH FOR #11 BARS AND SMALLER	3/4"

PROVIDE THE LARGEST COVER REQUIRED FOR ALL APPLICABLE CONDITIONS. WHERE #3 STIRRUPS OR TIE TIES ARE USED, ENSURE THAT THE COVER FOR LONGITUDINAL BARS IS ADEQUATE.

- REINFORCEMENT SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI) "MANUAL OF STANDARD PRACTICE". EACH REINFORCING BAR SHALL BE WIRED TO A CROSS BAR AT A MAXIMUM SPACING OF 24"OC. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING IN POSITIONS SHOWN ON THE PLANS. DO NOT USE WOOD OR BRICK TO SUPPORT REINFORCING.
- SPLICES IN CONTINUOUS REINFORCEMENT AS USED IN WALLS, WALL FOOTINGS, ETC., SHALL HAVE A CLASS "B" LAP (1'-6" MIN) AND THE SPLICES IN ADJACENT BARS SHALL BE NOT LESS THAN 5'-0" APART. VERTICAL WALL BARS SHALL BE SPLICED AT OR NEAR FLOOR LINES. BARS MAY BE WIRED TOGETHER AT SPLICES OR LAPS EXCEPT FOR TOP REINFORCING OF BEAMS AND SLABS OR WHERE SPECIFICALLY DETAILED TO BE SEPARATED. WELDED WIRE FABRIC SHALL BE LAPPED 12" MINIMUM.
- ALL DOWELS, ANCHOR BOLTS AND OTHER HARDWARE TO BE SET IN CONCRETE SHALL BE TIED IN PLACE PRIOR TO PLACEMENT OF CONCRETE. NO WET SETTING, STABBING, RODDING OR OTHER MOVEMENT OF EMBEDDED ITEMS SHALL BE PERFORMED DURING PLACEMENT OF CONCRETE.
- BEND REINFORCING BARS COLD.
- STEEL SHALL BE KEPT CLEAN AND FREE OF RUST.
- DOWELS BETWEEN FOOTING AND WALLS OR COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING AS THE MAIN REINFORCING UNO.
- ALL BARS SHALL BE MARKED SO THEIR IDENTIFICATION CAN BE MADE WHEN THE FINAL IN PLACE INSPECTION IS MADE.
- CHAIRS OR SPACERS FOR REINFORCING SHALL BE PLASTIC WHEN RESTING ON EXPOSED SURFACES.
- WHERE LONGITUDINAL REINFORCING BARS ARE PLACED IN 2 OR MORE LAYERS, BARS IN THE UPPER LAYERS SHALL BE PLACED DIRECTLY ABOVE BARS IN THE BOTTOM LAYER.
- ALL BENDS WITHIN STIRRUPS, HOOPS, AND CROSS-TIES SHALL ENGAGE A LONGITUDINAL BAR. PROVIDE #4 SPACER BAR WHERE A LONGITUDINAL BAR IS NOT SPECIFICALLY DETAILED.
- WELDING OF REINFORCING BARS SHALL BE PERFORMED PER AMERICAN WELDING SOCIETY (AWS) D14 USING E90XX ELECTRODES FOR A615 REINFORCING AND E80XX ELECTRODES FOR A706 REINFORCING.

PREMANUFACTURED STEEL TRUSSES

- 032100-0000 (04/01/17)
- THE STEEL TRUSS SYSTEM SHALL BE DESIGNED BY THE TRUSS MANUFACTURER FOR THE LOADS GIVEN BELOW AND CONFIGURATIONS SHOWN ON PLANS. K SERIES STEEL ROOF TRUSSES IN A STEEL DECK ROOF SYSTEM SHALL BE PROVIDED. THE STEEL DECK TO TRUSS CONNECTION SHALL BE CAPABLE OF TRANSFERRING 381 LB/FT SEISMIC SHEAR LOAD AT ALL TRUSSES DESIGNATED "LFRS".
 - TRUSS SHOP DRAWINGS, ERECTION DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER AND THE BUILDING DEPARTMENT FOR REVIEW PRIOR TO FABRICATION OF TRUSSES. ALL REQUIRED BRACING, CROSS-BRIDGING AND BEARING IMPROVEMENTS SHALL BE SHOWN ON THE TRUSS DRAWINGS. CALCULATIONS AND DRAWINGS SHALL BE SIGNED BY A CIVIL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA.
 - TRUSSES SHALL BE DESIGNED FOR LOADS AS INDICATED IN THE STRUCTURAL DESIGN CRITERIA, INCLUDING THEIR SELF WEIGHT. FLOOR LIVE LOADS EQUAL TO OR LESS THAN 100 PSF MAY BE REDUCED FOR TRIBUTARY AREA. SEE ARCHITECTURAL, MECHANICAL AND FIRE PROTECTION/SPRINKLER DRAWINGS FOR LOCATIONS AND WEIGHTS OF ADDITIONAL LOADS. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO MECHANICAL UNITS, MECHANICAL CURBS, WALLS, DRAFT STOPS, SPRINKLER MAINS, CONSTRUCTION LOADS, ETC. DEFLECTIONS SHALL NOT EXCEED 1/360 FOR FLOOR LIVE LOADS & 1/240 FOR ROOF LIVE LOADS & PROVIDE CAMBER FOR DEAD LOADS. ROOF TRUSSES SHALL ALSO BE DESIGNED FOR A WIND UPLIFT LOAD OF XXX PSF.
 - THE DESIGN AND FABRICATION OF STEEL TRUSSES SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE.
 - THE TRUSS SYSTEM PROVIDED SHALL BE A COMPLETE FRAMING SYSTEM INCLUDING TRUSSES, BRACING, CROSS-BRIDGING, AND CONNECTIONS. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZES AND LOCATIONS OF OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. FRAMING SHALL BE SIMILAR TO OPENINGS SHOWN ON PLANS OR TRUSS MANUFACTURER MAY SUBMIT ALTERNATE FRAMING TO BE APPROVED BY THE EOR PRIOR TO FABRICATION OF TRUSSES.
 - THE CONTRACTOR SHALL INSTALL ALL REQUIRED BRACING INCLUDING BRACING SPECIFIED BY THE TRUSS MANUFACTURER, BRACING SHOWN ON THESE PLANS AND BRACING REQUIRED FOR STABILITY DURING ERECTION.

FOUNDATIONS AND SLABS ON GRADE

- 030500-0000 (04/01/17)
- SEE SOIL REPORT BY.....EARTH SYSTEMS PACIFIC
PROJECT NO.....302294-002
DATED.....JAN. 21, 2019
 - MINIMUM WIDTH OF FOOTINGS.....15 INCH
MINIMUM EMBEDMENT OF FOOTINGS.....12 INCH BELOW ADJACENT GRADE
 - ALLOWABLE SOIL PRESSURES FOR FOOTINGS:
DEAD LOAD + LIVE LOAD.....2,000 PSF
(ALLOWABLE BEARING MAY BE INCREASED BY ONE-THIRD FOR TRANSIENT LOADS DUE TO WIND OR SEISMIC FORCES)
MINIMUM FOOTING SIZE.....24 IN L x 24 IN W x 12 IN D USE 2,300 PSF
 - ALLOWABLE LATERAL SOIL BEARING/PASSIVE PRESSURE.....400 PSF/FT
 - DESIGN COEFFICIENT OF FRICTION FOR SLIDING.....0.62
 - ALL GRADING, FOUNDATION, AND DRAINAGE PLANS SHALL BE REVIEWED BY THE GEOTECHNICAL ENGINEER UPON SUBMITTAL. A CERTIFIED LETTER BY THE GEOTECHNICAL ENGINEER IS REQUESTED STATING THAT THE RECOMMENDATIONS CONTAINED WITHIN THE SOILS REPORT HAVE BEEN INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL CONFORM TO ALL RECOMMENDATIONS AND CONDITIONS INDICATED IN THE SOIL REPORT. THE GEOTECHNICAL ENGINEER SHALL OBSERVE ALL FOOTING EXCAVATIONS PRIOR TO PLACING CONCRETE.
 - SUBSURFACE SOIL PREPARATION:
 - ALL EXISTING UNDOCUMENTED FILL SHALL BE REMOVED AND RECOMPACTED. ALL TOPSOILS SHALL BE REMOVED AS REQUIRED BY THE GEOTECHNICAL ENGINEER.
 - GEOTECHNICAL ENGINEER SHALL BE RETAINED DURING THE OVEREXCAVATION PROCESS. THE ACTUAL DEPTH OF REMOVAL WILL BE DETERMINED DURING GRADING OPERATIONS.
 - OFFSITE FILL MATERIAL SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.
 - PRIOR TO THE CONTRACTOR REQUESTING A DSA FOUNDATION INSPECTION, THE SOILS ENGINEER SHALL ADVISE THE DSA IN WRITING THAT:
 - THE BUILDING PAD WAS PREPARED IN ACCORDANCE WITH THE SOILS REPORT.
 - THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED.
 - THE FOUNDATION EXCAVATIONS COMPLY WITH THE INTENT OF THE SOILS REPORT.
 - SPREAD FOOTINGS ARE CENTERED UNDER WALLS AND COLUMNS, UNO.
 - FOOTING ELEVATIONS ARE NOTED ON THE PLANS AND DETAILS AND SHALL BE USED FOR BIDDING.
 - ALL TRENCHES SHALL COMPLY WITH APPLICABLE OSHA REQUIREMENTS. FOOTING BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA SHALL BE MECHANICALLY COMPACTED IN LAYERS WITH THE APPROVAL OF THE GEOTECHNICAL ENGINEER. FLOODING IS NOT PERMITTED.
 - ALL EXCAVATIONS SHALL BE PROPERLY BACKFILLED BUT NOT BEHIND RETAINING WALLS BEFORE CONCRETE OR MASONRY ATTAINS ITS FULL DESIGN STRENGTH.
 - THE DESIGN OF ALL RETAINING WALLS AND SUBTERRANEAN BUILDING WALLS INDICATED ON THESE DRAWINGS IS BASED ON DRAINED SOILS.
 - CONSTRUCTION JOINTS (C/J) AND SAWCUT (SC) JOINTS IN SLABS SHALL OCCUR WHERE LOCATED ON PLANS AND DETAILS. C/J'S SHALL HAVE FORMED POUR STOPS. CONSTRUCTION JOINTS IN WALLS AND FOOTINGS NEED NOT OCCUR AT THE SAME LOCATION, UNO.
 - SEE ARCHITECT'S PLANS FOR LOCATIONS OF SLAB SLOPES, DEPRESSIONS, CURBS, DRAINS, NON-STRUCTURAL PARTITIONS AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL PLANS.
 - CONTRACTOR SHALL PROTECT ALL UTILITY LINES, ETC. ENCOUNTERED DURING EXCAVATION AND BACKFILLING. THE ARCHITECT AND ENGINEERS ARE NOT RESPONSIBLE FOR THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE DRAWINGS. THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER SHOULD ANY SUCH UNIDENTIFIED CONDITIONS BE DISCOVERED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES WHICH MAY RESULT FROM FAILURE TO EXACTLY LOCATE AND PRESERVE ALL EXISTING UNDERGROUND UTILITIES.
 - THE SLAB ON GRADE IS NOT DESIGNED TO SUPPORT TRAFFIC FROM CRANES OR OTHER HEAVY CONSTRUCTION VEHICLES. CONTRACTOR SHALL REPAIR OR REPLACE DAMAGED CONCRETE SLABS.

POST-INSTALLED ANCHORS

- 030500-0000 (04/01/17)
- UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE FOLLOWING APPLIES TO ALL POST-INSTALLED ANCHORAGE INTO HARDENED CONCRETE OR MASONRY WHICH INCLUDES TYPES SUCH AS EXPANSION, WEDGE, SLEEVE, ADHESIVE/EPOXY, SHOT-PIN, SCREW AND UNDERCUT.
- INSTALL PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPI) EXCEPT AS OTHERWISE STATED IN THE SPECIFIED PRODUCT REPORTS. USE INSTALLATION PROCEDURES FOR CRACKED CONCRETE CONDITIONS. DO NOT USE CORE DRILL BITS FOR ANCHOR HOLES WITHOUT PRIOR EOR APPROVAL. COPIES OF INSTALLATION INSTRUCTIONS SHALL BE MAINTAINED ON SITE.
 - CLEAN OUT ANCHOR HOLES AND SET ANCHORS PER THE PRODUCT'S ICC REPORT FOR THE APPROPRIATE CONDITIONS. INSTALL UNDER SUPERVISION OF THE SPECIAL INSPECTOR WHERE REQUIRED.
 - PROVIDE GALVANIZED CARBON STEEL ANCHORS AT DRY INTERIOR LOCATIONS AND STAINLESS STEEL TYPE 304 OR 316 AT EXTERIOR / DAMP INTERIOR LOCATIONS. REINFORCEMENT BARS TO RECEIVE CONCRETE COVER MAY BE UNCOATED. ANCHORS SHALL BE CLEAN AND FREE OF DEBONDING SUBSTANCES.
 - EMBEDMENT REFERS TO THE FINAL, INSTALLED EFFECTIVE DEPTH "H_{ef}" AS DEFINED IN THE PRODUCT REPORT. REQUIRED ANCHOR HOLE DEPTH FOR INSTALLATION MAY BE DEEPER.
 - MAINTAIN A MINIMUM OF 2 INCHES FROM EXISTING REINFORCEMENT. CONDUIT, POST-TENSIONING (WHERE OCCURS), ETC. PRIOR TO DRILLING, CORING OR SHOOTING PINS INTO EXISTING CONCRETE OR MASONRY. USE NON DESTRUCTIVE TESTING TO LOCATE SUCH ITEMS. FOR INSTALLATION DEEPER THAN 3 INCHES USE GROUND PENETRATING RADAR OR X-RAY METHODS.
 - WHEN THE FULL ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE OBTAINED, NOTIFY THE EOR AND IOR.
 - FILL ABANDONED HOLES WITH EPOXY AND PATCH SPALLS USING NON-SHRINK GROUT AND REPAIR FINISHES AS REQUIRED. CLEAR DISTANCE BETWEEN NEW HOLES AND ABANDONED HOLES SHALL BE 2" OR TWO ANCHOR DIAMETERS, WHICHEVER IS GREATER, UNLESS OTHERWISE SPECIFIED BY EOR. ANCHORS PENETRATING THROUGH WATERPROOFING OR VAPOR MEMBRANES SHALL BE SEALED OR FLASHED.
 - INSTALL IN DRY CONCRETE OR MASONRY HAVING A MINIMUM AGE OF 21 DAYS.
 - ADHESIVE/EPOXY ANCHORS ON THIS PROJECT ARE NOT DESIGNED TO SUPPORT OR INTENDED TO RESIST SUSTAINED TENSION LOADS UNLESS NOTED OTHERWISE.

STRUCTURAL SUBMITTALS

- 01000-0000 (04/01/17)
- REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE EOR IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
 - SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW PRIOR TO FABRICATION. THE CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS INCLUDING COORDINATION WITH OTHER TRADES.
 - SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR (ALLOW FOR A REVIEW DURATION OF 10 BUSINESS DAYS), AND SHALL CONSIST OF EITHER ELECTRONIC FILES OR ONLY ONE SET FOR OUR RECORDS AND ONE REPRODUCIBLE SET.
 - EOIR WILL RETURN THE REPRODUCIBLE SET CLEARLY MARKED WITH COMMENTS. ANY REQUIRED RECORD SET COPIES SHALL BE MADE FROM THIS RETURNED SET.
 - REPRODUCTION OF STRUCTURAL PLANS & DETAILS FOR SHOP DRAWINGS IS PROHIBITED. SUBCONTRACTOR/FABRICATOR IS TO PROVIDE INDEPENDENTLY CREATED DRAWINGS BASED ON THE STRUCTURAL PLANS AND DETAILS.
 - SHOP DRAWINGS AND SUBMITTALS DO NOT CONSTITUTE CHANGE ORDERS. ANY PROPOSED CHANGES TO THE STRUCTURAL DOCUMENTS MUST BE SUBMITTED IN WRITING AS A REQUEST FOR SUBSTITUTION TO THE ARCHITECT AND EOR FOR APPROVAL.
 - EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.
 - THE FOLLOWING LIST SUMMARIZES IMPORTANT STRUCTURAL SUBMITTALS FOR THIS PROJECT. REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST AND ADDITIONAL REQUIREMENTS.

GENERAL

- RECD: QUALIFICATION DATA FOR APPROVED INSTALLERS AND FABRICATORS
RECD: CERTIFICATES OF CONFORMANCE FOR PREFABRICATED MEMBERS

CONCRETE REINFORCEMENT

- RECD: MANUFACTURER'S PRODUCT DATA, SPECIFICATIONS AND INSTALLATION PROCEDURES FOR PROPRIETARY MATERIALS AND REINFORCEMENT
RECD: STEEL PRODUCERS' CERTIFICATES OF MILL ANALYSIS, TENSILE AND BEND TESTS
RECD: SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT

C&S-T-IN-PLACE CONCRETE

- RECD: DESIGN MIX FOR EACH CONCRETE MIX
RECD: MATERIAL TEST REPORTS
RECD: MATERIAL CERTIFICATES FOR CEMENT, AGGREGATES AND ADMIXTURES
RECD: SHOP DRAWINGS FOR PROPOSED LOCATIONS OF ADDITIONAL CONSTRUCTION OR CONTROL JOINTS NOT SHOWN ON THE STRUCTURAL PLANS
MINUTES FROM PREINSTALLATION CONFERENCE

STRUCTURAL STEEL

- RECD: MANUFACTURER'S MILL CERTIFICATES
RECD: MILL TEST REPORTS
RECD: SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF MEMBERS
RECD: ERECTION PLAN SEQUENCE AND PROCEDURES
RECD: WELDING PROCEDURE SPECIFICATIONS (WPS)
RECD: CERTIFICATES FOR ALL WELDERS VERIFYING CURRENT AWS QUALIFICATIONS
TEST REPORTS FOR SHOP AND FIELD WELDED AND BOLTED CONNECTIONS

STEEL DECK

- RECD: SHOP DRAWINGS INDICATING TYPE, LAYOUT, DETAILS, AND OPENINGS LARGER THAN 1'-0"

COLD-FORMED METAL FRAMING

- RECD: SHOP DRAWINGS INDICATING LAYOUT AND DETAILS

METAL DECK

- 030500-0000 (04/01/17)
- MATERIAL FOR METAL DECK SHALL HAVE A MIN YIELD STRENGTH OF 38 KSI AND CONFORM TO ASTM A653-SS GRADE 33 WITH GALVANIZED G60 COATING COMPLYING WITH ASTM A525.
 - SEE TYPICAL DETAILS FOR REINFORCING OF DECK AROUND OPENINGS. CONTRACTOR SHALL COORDINATE SIZE AND LOCATIONS OF OPENINGS WITH THE VARIOUS TRADES. NO LOADS SHALL BE HUNG FROM DECK WITHOUT APPROVAL OF EOR.
 - FLOOR AND ROOF DECK IS DESIGNED FOR UNSHORED CONSTRUCTION, UNO. MAINTAIN 3 SPAN CONDITION WHEREVER POSSIBLE (2 SPAN MIN) EXCEPT AT STAIR LANDING AND WHERE NOTED OTHERWISE ON PLANS.
 - PROVIDE 2" MINIMUM BEARING AT ALL SUPPORTS. END LAPS OF METAL DECK SHALL BE A MINIMUM OF 2' AND SHALL OCCUR ONLY OVER SUPPORTS. DECK SHALL BE LAID OUT SO THAT A LOW FLUTE FALLS ON EACH PARALLEL SUPPORT.
 - SUBMIT SHOP DRAWINGS FOR METAL DECK TO THE EOR FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL SHOW TYPE OF DECK, LAYOUT OF DECK, THE SIZE AND LOCATION OF ANY OPENINGS OF WIDTH GREATER THAN 1'-0", AND ATTACHMENT METHOD.
 - ALTERNATES TO TYPE OF DECK AND FASTENING MAY BE USED WITH THE APPROVAL OF THE EOR. DECK PROPERTIES SHALL BE EQUAL TO OR GREATER THAN THOSE SHOWN ON THE PLANS. ANY DECK OR METHOD OF FASTENING SHALL HAVE AN EVALUATION REPORT APPROVING THE DECK FOR THE APPLICATION.
 - WELDING OF METAL DECK SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.3.
 - SEE METAL DECK (IAPMO #226 & IAPMO #217) SCHEDULE ON SHEET S-0.6 FOR METAL DECK TYPE AND CONNECTION & IAPMO 217

GENERAL

- 01000-0000 (04/01/17)
- REFER TO THE TYPICAL DETAIL SHEETS FOR TYPICAL DETAILS OF CONSTRUCTION. TYPICAL DETAILS APPLY TO ALL CONSTRUCTION UNLESS SPECIFICALLY NOTED OR SHOWN OTHERWISE. WHERE CONDITIONS REQUIRE MODIFICATIONS OF A TYPICAL DETAIL, THE CONTRACTOR SHALL SUBMIT MODIFIED DETAIL FOR APPROVAL BY THE ENGINEER OF RECORD PRIOR TO FABRICATION AND INSTALLATION. DETAILS OF CONSTRUCTION NOT SHOWN SHALL BE OF SAME NATURE AS THOSE SHOWN FOR SIMILAR CONSTRUCTION.
 - CONTRACTOR SHALL CONSIDER THE PROJECT SPECIFICATIONS A PART OF THE CONTRACT DOCUMENTS. WHERE INFORMATION IS CONFLICTING, SPECIFIC DETAILS SHALL GOVERN OVER TYPICAL DETAILS WHICH SHALL GOVERN OVER THESE NOTES WHICH SHALL GOVERN OVER SPECIFICATIONS.
 - ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE CHECKED AGAINST ARCHITECTURAL DIMENSIONS. DO NOT SCALE DRAWINGS. IF DIMENSIONS ARE OMITTED OR NOT CLEAR, CONTACT THE ARCHITECT (ARCH) OR ENGINEER OF RECORD (EOR). ALL DIMENSIONS RELATED TO EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR. DIMENSIONS ARE TO THE FACE OF STUDS, AND TO CENTERLINE OF COLUMNS UNO.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMMEDIATELY NOTIFY THE EOR OF ANY CONFLICTS BETWEEN THE STRUCTURAL DRAWINGS AND OTHER DRAWINGS, OR EXISTING CONDITIONS NOT SHOWN OR DIFFERENT FROM THOSE SHOWN ON DRAWINGS PRIOR TO COMMENCEMENT OF WORK. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE SCOPE THAT IS IN CONFLICT UNTIL THE CONFLICT IS RESOLVED WITH THE AFFECTED PARTIES.
 - THE STRUCTURAL DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. UNLESS OTHERWISE SHOWN THEY DO NOT INDICATE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE CONSTRUCTION AND ALL ADJACENT PROPERTIES DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE BUT ARE NOT LIMITED TO BRACING, SHORING OF LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR EOR SHALL NOT INCLUDE OBSERVATION OF THE ABOVE ITEMS.
 - SUBSTITUTION REQUESTS FOR MATERIALS SPECIFIED ON THE STRUCTURAL DRAWINGS MAY BE CONSIDERED WITH MATERIALS HAVING EQUIVALENT OR GREATER CAPACITY AND PERFORMANCE. CURRENT EVALUATION REPORTS AND PRODUCT INFORMATION SHALL BE PROVIDED TO THE STRUCTURAL ENGINEER DEMONSTRATING THE REQUIRED CAPACITY AND PERFORMANCE OF THE MATERIAL TO BE SUBSTITUTED. WRITTEN APPROVAL FROM THE EOR SHALL BE OBTAINED PRIOR TO THE SUBSTITUTION OF ANY MATERIAL SPECIFIED ON THE STRUCTURAL DOCUMENTS.
 - IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA, LATEST EDITION, AND ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT. THE ARCHITECT, EOR, AND THE OWNER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTOR'S FAILURE TO COMPLY WITH THESE REQUIREMENTS.
 - ALL WORK IS NEW (N) UNLESS INDICATED AS EXISTING (E).
 - CONSTRUCTION MATERIALS SHALL BE DISTRIBUTED WHEN PLACED ON THE STRUCTURE SUCH THAT LOADS DO NOT EXCEED DESIGN LIVE LOADS OR RESULT IN AN UNBALANCED CONDITION.
 - REFER TO THE PROJECT SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS AND SUBMITTALS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR (ALLOW FOR A REVIEW DURATION OF 10 BUSINESS DAYS), AND SHALL CONSIST OF EITHER ELECTRONIC FILES OR ONE SET FOR OUR RECORDS AND ONE REPRODUCIBLE SET. REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE EOR IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS, INCLUDING COORDINATION WITH OTHER TRADES. SHOP DRAWINGS AND SUBMITTALS DO NOT CONSTITUTE CHANGE ORDERS. ANY PROPOSED CHANGES TO THE STRUCTURAL DOCUMENTS MUST BE SUBMITTED IN WRITING AS A REQUEST FOR SUBSTITUTION TO THE ARCHITECT AND EOR FOR APPROVAL. SEE "STRUCTURAL SUBMITTALS NOTES" FOR MORE INFORMATION.
 - CORE DRILLS REQUIRED SHALL NOT CUT ANY REINFORCING. THE CONTRACTOR IS TO COORDINATE WORK OF ALL TRADES TO ENSURE COMPLIANCE. ALL CORE DRILLS ARE TO BE PRESENTED TO THE INSPECTOR OF RECORD (IOR) FOR VERIFICATION. THE IOR IS TO DOCUMENT CORES EXAMINED INDICATING AN ABSENCE OF REINFORCING.
 - STRUCTURAL JOINT DIMENSIONS SHOWN ON PLANS (EXPANSION, SEISMIC, SEPARATION, ETC) (WHERE OCCURS) INDICATE THE MINIMUM CLEAR DISTANCE REQUIRED. SEE PLANS, DETAILS, AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.

STRUCTURAL DESIGN CRITERIA

- 01000-0000 (04/01/17)
- CODES:
ALL NEW WORK SHALL BE IN CONFORMANCE WITH THE CALIFORNIA BUILDING CODE (CBC) EDITION (TITLE 24, PART 2), INCLUDING ALL AMENDMENTS. ALL STANDARDS USED SHALL BE THE LATEST VERSION APPROVED BY THE CODE ENFORCEMENT AGENCY ON THE DATE OF THE PERMIT ISSUANCE UNLESS SPECIFICALLY NOTED OTHERWISE. THE PURPOSE OF THIS CODE IS TO, IN PART, ESTABLISH THE MINIMUM REQUIREMENTS TO SAFEGUARD THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE THROUGH STRUCTURAL STRENGTH AND STABILITY. STRUCTURES DESIGNED IN ACCORDANCE WITH THE CODE ARE LIKELY TO HAVE A LOW PROBABILITY OF COLLAPSE BUT MAY SUFFER SERIOUS STRUCTURAL AND NON-STRUCTURAL DAMAGE IF SUBJECTED TO THE DESIGN EARTHQUAKE.
 - GRAVITY DESIGN LOADS:
LIVE LOADS (REDUCIBLE, UNO):
LIVE LOAD (REDUCIBLE, UNO):
ROOF
OR, CONCENTRATED IN 2.5 FT x 2.5 FT
DEAD LOAD*
DINING AREA ROOF
KITCHEN AREA ROOF
21 PSF+4 PSF SOLAR ALLOWANCE
16.5 PSF

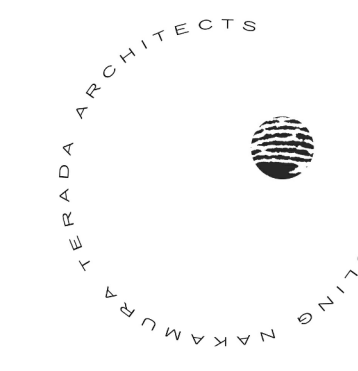
* ACTUAL DEAD LOADS SHALL BE INDEPENDENTLY DETERMINED.

- WIND DESIGN INFORMATION:
RISK CATEGORY III | EXPOSURE C
BASIC WIND SPEED (3 SEC GUST), V₃ = 115 MPH V₃=89 MPH
INTERNAL PRESSURE COEFFICIENT GC_p = ±.18
VELOCITY PRESSURE =
SEISMIC DESIGN INFORMATION:
I_e = 1.25 RISK CATEGORY III DESIGN CAT. E SITE CLASS D
S_s = 2.219 S₁ = 0.828 S₂ = 1.479 S_{DS} = 1.09
PROCEDURE: EQUIVALENT LATERAL FORCE PROCEDURE

LFRS (NORTH-SOUTH DIRECTION): LIGHT FRAMED COLD FORMED STEEL SHEAR WALLS
R = 6.5 C_d = 4.0 O_d = 3.0
DESIGN BASE SHEAR: V = 61 KIPS (STRENGTH)
TOTAL WEIGHT OF BLDG: W = 213 KIPS
SEISMIC RESPONSE COEFF: C_s = 0.285 (STRENGTH)
LFRS (EAST-WEST DIRECTION): SPECIAL STEEL CANTILEVER COLUMN SYSTEM
R=2.5 CD=2.5 OMEGA=1.5
DESIGN BASE SHEAR V= 158 KIPS (STRENGTH)
TOTAL WEIGHT OF BLDG: W= 213 KIPS
SEISMIC RESPONSE COEFF: CS=0.74 (STRENGTH)
MAX INTERSTORY DRIFT: DELTA =0.20 X H

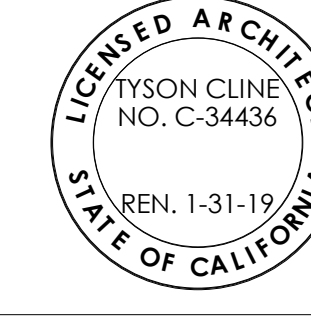
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FL\$ \$S



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

GENERAL NOTES

Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-0.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

STATEMENT OF SPECIAL INSPECTIONS

051000-0000 (04/21/17)

- THE OWNER SHALL EMPLOY ONE OR MORE SPECIAL INSPECTORS TO PROVIDE INSPECTIONS DURING CONSTRUCTION. THE SPECIAL INSPECTOR SHALL BE A QUALIFIED PERSON WHO SHALL DEMONSTRATE COMPETENCE, TO THE SATISFACTION OF THE DSA, FOR INSPECTION OF THE PARTICULAR TYPE OF CONSTRUCTION OR OPERATION REQUIRING SPECIAL INSPECTION.
- SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE WORK IS DONE ON THE PREMISES OF A FABRICATOR REGISTERED AND APPROVED TO PERFORM SUCH WORK WITHOUT SPECIAL INSPECTION. APPROVED FABRICATORS MUST SUBMIT A CERTIFICATE OF COMPLIANCE FOR OFFSITE FABRICATIONS SUCH AS STRUCTURAL STEEL, PRECAST CONCRETE, GLUED LAMINATED TIMBER, ETC.
- ALL INSPECTIONS SHALL BE PERFORMED BY INDEPENDENT SPECIAL INSPECTORS. JOB SITE VISITS BY THE STRUCTURAL ENGINEER OR DSA DO NOT CONSTITUTE AND ARE NOT A SUBSTITUTE FOR INSPECTIONS BY A SPECIAL INSPECTOR.
- ALL INSPECTION REPORTS SHALL BE SUBMITTED TO THE DSA AND EOR. THE FINAL REPORTS BY THE SPECIAL INSPECTOR(S) MUST CERTIFY THAT THE ENTIRE STRUCTURAL SYSTEM COMPLIES WITH THE APPROVED PLANS AND SPECIFICATIONS.
- IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT THESE INSPECTIONS ARE PERFORMED.
- WORK REQUIRING SPECIAL INSPECTION SHALL BE INSPECTED BY THE SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS PERFORMED AND AT THE COMPLETION OF WORK. CONTINUOUS INSPECTION CONSISTS OF FULL-TIME INSPECTION; PERIODIC INSPECTION CONSISTS OF PART-TIME OR INTERMITTENT INSPECTION. FOR MORE INFORMATION, SEE DSA IR 17-6, SECTION 3.
- PERFORM INSPECTION NOTED BELOW ALONG WITH THOSE NOTED ON S-0.10.

SOILS SUPPORTING FOUNDATIONS

PERIODIC: VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY

PERIODIC: VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL

PERIODIC: PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS

CONT: VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILLS

PERIODIC: PRIOR TO PLACEMENT OF CONTROLLED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY

STRUCTURAL CONCRETE

PERIODIC: INSPECTION OF REINFORCING STEEL AND PLACEMENT

CONT: INSPECT BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE

PERIODIC: VERIFY USE OF REQUIRED DESIGN MIX

CONT: SAMPLING FRESH CONCRETE & PERFORMING SLUMP AND AIR CONTENT TESTS & DETERMINING THE TEMPERATURE OF FRESH CONCRETE AT THE TIME OF MAKING SPECIMENS FOR STRENGTH TESTS

PERIODIC: INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUE

PERIODIC: VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS

PERIODIC: INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED

PERIODIC: ERECTION OF PRECAST CONCRETE MEMBERS

PERIODIC: POST-INSTALLED AND ADHESIVE ANCHORS

CONT: [DSA / OSHPD] POST-INSTALLED AND ADHESIVE ANCHORS (CBC 1910A.5)

STRUCTURAL STEEL (CBC 2205A.1)

PERIODIC: HIGH-STRENGTH BOLTS, NUTS, AND WASHERS IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS, MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED

PERIODIC: INSPECTION OF HIGH-STRENGTH BOLTING BEARING-TYPE CONNECTIONS

PERIODIC: STRUCTURAL STEEL IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS

PERIODIC: STRUCTURAL STEEL MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED

PERIODIC: STEEL FRAME MEMBER LOCATIONS

PERIODIC: APPLICATIONS OF JOINT DETAILS AT EACH CONNECTION

WELDING (CBC 1705A.2.1)

CONT: COMPLETE AND PARTIAL PENETRATION GROOVE WELDS

CONT: FILLET WELDS > 5/16" AND MULTIPASS FILLET WELDS

PERIODIC: FILLET WELDS ≤ 5/16"

PERIODIC: METAL DECK WELDS

PERIODIC: LIGHT GAUGE METAL WELDS

PERIODIC: WELD FILLER MATERIAL IDENTIFICATION MARKINGS TO CONFORM TO AWS STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS, MANUFACTURER'S CERTIFICATION OF COMPLIANCE REQUIRED

CONT: WELDING OF REINFORCEMENT STEEL RESISTING SEISMIC FORCES, INDICATED ON PLANS AND DETAILS AS LFRS ELEMENTS OR CONNECTIONS

PERIODIC: VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706

CONT: WELDING OF STIRRUPS, HOOPS OR TIES

PERIODIC: ALL OTHER REINFORCEMENT WELDS, UNO

COLD-FORMED STEEL FRAMING (CBC 1705A.2.1)

PERIODIC: SCREW ATTACHMENT, BOLTING, AND ANCHORING OF STRAPS, HOLD-DOWNS, BRACES, DRAG STRUTS, AND ROOF, WALLS AND FLOORS.

HIGH-STRENGTH BOLTS

051000-0000 (04/21/17)

- SEE STRUCTURAL STEEL NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- JOINT ASSEMBLIES USING HIGH-STRENGTH BOLTS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE "AISC (RCS) SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS".
- ALL HIGH-STRENGTH BOLTS SHALL CONFORM TO ASTM A-325 OR ASTM A-490, NUTS SHALL CONFORM TO ASTM A-563 AND WASHERS SHALL CONFORM TO ASTM F-436.
- PAINT SHALL NOT BE PERMITTED ON CONTACT SURFACES UNLESS NOTED OTHERWISE. PROJECT SURFACES OF BOLTED PARTS SHALL BE DESCALED AND FREE OF DIRT, OIL, BURRS, PITS, AND OTHER DEFECTS WHICH PREVENT SOLID SEATING OF PARTS.
- ALL HIGH-STRENGTH BOLTS SHALL BE TIGHTENED TO THE AISC SNUG TIGHT CONDITION UNLESS SPECIFIED AS SLIP-CRITICAL.
- SLIP-CRITICAL BOLTS SHALL HAVE CLASS "A" FAYING SURFACES. SLIP-CRITICAL JOINT ASSEMBLIES SHALL BE FULLY PRE-TENSIONED BY TURN-OF-NUT TIGHTENING, TENSION CONTROL CALIBRATED WRENCH TIGHTENING, TWIST-OFF BOLTS CONFORMING TO ASTM F1852, OR BY DIRECT TENSION INDICATOR TIGHTENING CONFORMING TO ASTM F959.

COLD-FORMED STEEL FRAMING NOTES

05000-0000 (04/18/16)

- DESIGN, FABRICATION AND ERECTION OF COLD-FORMED STEEL FRAMING SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI), AS CONTAINED IN THE "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", LATEST EDITION, INCLUDING ALL APPLICABLE AMENDMENTS.
- ALL COLD-FORMED STEEL FRAMING SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND LEFT IN PLACE UNTIL OTHER MEANS IS PROVIDED TO ADEQUATELY BRACE THE STRUCTURE.
- COLD-FORMED STEEL ASTM A1003/A1011 GALVANIZED WITH G90 COATING, GRADES:
A 18 GA (43 MILS) OR THINNERASTM A1003 (GRADE 33 (FY = 33 KSI), TYP UNO)
B 16 GA (43 MILS) AND THICKERASTM A1003 (GRADE 50 (FY = 50 KSI), TYP UNO)
- ALL COLD-FORMED STEEL FRAMING SHALL BE BRACED AS REQUIRED BY SECTION D3 OF THE AISI SPECIFICATION.
- SUBMIT COLD-FORMED STEEL FRAMING SHOP DRAWINGS AND SPECIFICATIONS TO THE EOR FOR REVIEW PRIOR TO FABRICATION.
- COLD-FORMED STEEL STUDS AND TRACKS ARE TO BE ATTACHED WITH SHEET METAL SCREWS (SMS) WITH SIZES CALLED OUT ON THE DETAILS. PENETRATION OF SCREWS THROUGH JOINED MATERIAL SHOULD NOT BE LESS THAN 3 EXPOSED THREADS. SCREWS ARE TO BE INSTALLED AND TIGHTENED IN ACCORDANCE WITH SCREW MANUFACTURER'S RECOMMENDATIONS. SHEET METAL SCREWS SHALL COMPLY WITH ASTM C1513, SELF-DRILLING AND TAPPING TYPE, WITH PANCAKE FRAMER HEAD TYPE FOR #10 SMS AND HEX WASHER HEAD TYPE FOR #12 AND #14 (1/4"0 SMS UNLESS NOTED OTHERWISE. WHERE #12 OR #14 SMS INTERFERES WITH DRY WALL ATTACHMENT, CONTRACTOR IS WELD ATTACHMENT IN LIEU OF SCREWS, OR PROVIDE ALTERNATIVE ATTACHMENT SUCH THAT INTERFERENCES DOES NOT OCCUR.
- COLD-FORMED STEEL MEMBERS SHALL BE UNPUNCHED WHERE USED FOR THE FOLLOWING: HEADERS AND SILLS OF OPENINGS WIDER THAN 3'-0", AND BUILT-UP BOX AND BACK-TO-BACK SECTIONS. PUNCH-OUTS SHALL BE LOCATED IN THE CENTER OF THE WEB WITH A MINIMUM SPACING OF 24"OC, HAVE A MAXIMUM WIDTH OF HALF THE MEMBER DEPTH OR 2 1/2", WHICHEVER IS LESS, AND A MAXIMUM LENGTH OF 4 1/2". THE MINIMUM DISTANCE BETWEEN THE END OF THE MEMBER AND THE NEAR EDGE OF THE PUNCH-OUT SHALL BE 12".
- WELDING OF LIGHT GAGE STEEL SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.3.
- STUD AND TRACK DESIGNATIONS PER STEEL STUD MANUFACTURER'S ASSOCIATION (SSMA), ICC ESR-306P.
- INTERIOR NON-BEARING METAL STUDS SHALL BE BRACED FOR SPSF MINIMUM LATERAL LOADING AT PARTITION WALLS, 10PSF MINIMUM LATERAL LOADING AT CORRIDORS AND SHAFT WALLS, OR SEISMIC Fp FORCE WHICH EVER IS GREATER, AND BE DESIGNED TO REMAIN WITHIN THE DEFLECTION LIMITS OF THE APPLIED FINISHES.
- METAL STUD WALLS SHALL BE PROVIDED WITH 16GA BACKING PLATES AND DESIGNED TO SUPPORT CABINETS AND TELEVISION MOUNTS WHERE SHOWN ON THE ARCHITECTURAL DRAWINGS. SEE DETAIL 2/50040 FOR LIMITATIONS ON WEIGHTS OF ATTACHMENTS.
- EXTERIOR NON-BEARING METAL STUDS SHALL BE BRACED FOR EXTERIOR WIND LOADING PER ASCE 7-10, OR Fp WHICH EVER IS GREATER, AND BE DESIGNED TO REMAIN WITHIN THE DEFLECTION LIMITS OF THE APPLIED FINISHES.
- PROVISIONS FOR VERTICAL MOVEMENT SHALL BE MADE USING SLIP TRACK OR SIMILAR MEANS TO ALLOW FOR A VERTICAL DEFLECTION AT FLOORS AND ROOFS OF UP TO 1/2".
- SEE ARCHITECTURAL DRAWINGS FOR WALL LOCATIONS AND DIMENSIONS.
- ALL POWER DRIVEN FASTENERS TO HAVE A MINIMUM PENETRATION OF 1 1/4" X INTO CONCRETE.
- SPLICE FOR SLP-TRK ICC ESR -1042.

MEMBER DESIGNATION	DESIGN THICKNESS IN	REFERENCE GAUGE NO.	SECTION PROPERTIES		
			AREA IN ²	bxx IN ⁴	Iyy IN ⁴
250S162-43	0.0451	18	0.289	0.302	0.111
400S162-43	0.0451	18	0.357	0.892	0.132
600S162-43	0.0451	18	0.447	2.316	0.148
600S162-54	0.0566	16	0.556	2.860	0.570
600S162-68	0.0713	14	0.693	3.525	0.218
600S162-97	0.1017	12	0.966	4.797	0.283

SOG	SLAB ON GRADE	MIN RETURN, TYP 0.500 IN FOR W = 1.62 IN 0.625 IN FOR W ≥ 2.0 IN
SQ	SQUARE	
SS	STAINLESS STEEL	
STD	STANDARD	
STGRD	STAGGERED	
STIFF	STIFFENER	
STL	STEEL	
STRUCT	STRUCTURAL	
T&B	TOP & BOTTOM	
THK	THICK	
THRD	THREADED	
T.O.	TOP OF	
TRANS	TRANSVERSE	
TYP	TYPICAL	
UNO	UNLESS NOTED OTHERWISE	
VERT	VERTICAL	
VIF	VERIFY IN FIELD	
W/	WITH	
W/O	WITHOUT	
WF, W	WIDE FLANGE	
WLD	WELDED	
WO	WHERE OCCURS	
WP	WORK POINT	
WT	WEIGHT	
WWF	WELDED WIRE FABRIC	

WELDING

051000-0000 (04/21/17)

- WELDING PROCEDURES, ELECTRODES AND WELDER QUALIFICATIONS SHALL CONFORM TO THE "CODE FOR WELDING IN BUILDING CONSTRUCTION", AMERICAN WELDING SOCIETY (AWS), D1.1 AND THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
- ALL WELDERS SHALL HAVE EVIDENCE OF PASSING THE AWS STANDARD QUALIFICATION TESTS, AND SHALL BE CERTIFIED FOR THE WORK THEY ARE PERFORMING.
- PROJECT WELDING SHALL BE PERFORMED ONLY IN ACCORDANCE WITH WELDING PROCEDURE SPECIFICATIONS (WPS) SUBMITTED BY THE CONTRACTOR AND REVIEWED BY THE EOR AND PROJECT WELDING INSPECTOR. THE WPS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE APPLICABLE AWS.
- WELDING OF STRUCTURAL STEEL SHALL BE PERFORMED PER AWS D1.1 USING E70XX ELECTRODES UNLESS OTHERWISE NOTED.
- ALL FULL PENETRATION WELDS SHALL BE ULTRA-SONIC TESTED PER AWS D1.1 AND D1.8 REQUIREMENTS AS APPLICABLE.
- ALL GROOVE OR BUTT WELDS SHALL BE COMPLETE PENETRATION WELDS, UNO. ALL EXPOSED BUTT WELDS SHALL BE GROUND SMOOTH.
- ALL EXPOSED WELDS ON ARCHITECTUALLY EXPOSED STRUCTURAL STEEL (AESS) SHALL COMPLY WITH AISC CODE OF STANDARD PRACTICE, SECTION 10.
- FIELD WELDS HAVE BEEN INDICATED WHERE THEY ARE EXPECTED TO OCCUR. THE CONTRACTOR SHALL DETERMINE THE ACTUAL FIELD WELDING NECESSARY TO COMPLETE THE PROJECT AND INCLUDE ALL ASSOCIATED COSTS WITHIN THE BASE BID.

PRODUCT REPORTS

010000-0005 (03/07/17)

- FOR ALL ITEMS IN THE CONSTRUCTION DOCUMENTS NOT NOTED WITH A SPECIFIC PRODUCT NAME OR MANUFACTURER, THE CONTRACTOR SHALL PROVIDE A PRODUCT SPECIFIED IN THE TABLE BELOW.
- THE FOLLOWING PRODUCTS SHALL BE INSTALLED PER THE REQUIREMENTS OF THE REFERENCED PRODUCT REPORTS BELOW, UNO.
- A PRODUCT MAY BE SUBSTITUTED FOR A LIKE PRODUCT PER THE SCHEDULE BELOW IF APPROVED BY THE SEOR AND THE BUILDING OFFICIAL.
- PRODUCTS SPECIFIED BY TYPE MAY USE ANY FROM THE SCHEDULE BELOW.

TYPE	PRODUCT	ICC#	IAPMO#	LARR#
EXPANSION ANCHOR TO CONCRETE	HILTI KWIK BOLT TZ	ESR-1917	-	25701
	ITW RED HEAD TRUBOLT +	ESR-2427	-	25867
	MKT SZ	ESR-3173	-	-
	SIMPSON STRONG-BOLT 2	ESR-3037	-	25891
	DEWALT / POWERS POWER STUD+ SD1	ESR-2818	-	25787
ADHESIVE ANCHOR TO CONCRETE	DEWALT / POWERS POWER STUD+ SD2/SD4/SD6	ESR-2502	-	25831
	HILTI HIT-HY 200	ESR-3187	-	25964
	HILTI HIT-RE 500 V3	ESR-3814	-	26028
	SIMPSON SET-XP	ESR-2508	-	25744
	SIMPSON AT-XP	-	0263	-
SCREW ANCHOR TO CONCRETE	DEWALT / POWERS PE1000+	ESR-2583	-	25849
	DEWALT / POWERS AC100+ GOLD	ESR-2582	-	-
	DEWALT / POWERS PURE 110+	ESR-3298	-	26035
	HILTI KWIK HUS-EZ	ESR-3027	-	25897
	SIMPSON TITEN HD	ESR-2713	-	25808
SHOTPIN	DEWALT / POWERS WEDGE BOLT+	ESR-2526	-	25808
	HILTI LOW-WELOQITY X-U UNIVERSAL POWER-DRIVEN	ESR-2269	-	25675
	ITW/IRAMSET POWER-DRIVEN	ESR-1799	-	22668
	SIMPSON POWER-ACTUATED	ESR-2138	-	25469
	DEWALT / POWERS TRACK-IT C5	ESR-3275	-	25920
CONCRETE REINFORCING HEADED END	DEWALT / POWERS POWER-DRIVEN	ESR-2024	-	25304
	HRC 555 HEADED BARS	ESR-2935	0177	25815
	LENTON TERMINATOR D14	-	0188	25893
	BAR SPLICE BUTTON HEAD	-	0331	25996
	DEXTRA BARTEC	ESR-2166	-	25884
SCREW ANCHOR TO GROUTED MASONRY	HILTI KWIK HUS-EZ	ESR-3066	-	25979
	SIMPSON TITEN HD	ESR-1056	-	25560
	DEWALT / POWERS WEDGE BOLT+	ESR-1678	-	-
	NELSON STUDS	ESR-2856	-	02725
	BAR ANCHORS	-	-	-
WELDED STUD / ANCHORS	HILTI KWIK-PRO	ESR-2196	-	25678
	HILTI KWIK-FLEX	ESR-3332	-	25095
	SIMPSON X METAL SCREWS	ESR-3006	0326	25917
	PRIMESOURCE DARTS	ESR-1408	-	25904
	ITW BUILDEX TEKS	ESR-1976	-	25915
SHEET METAL SCREW	ELCO DRILL-FLEX	ESR-3332	-	25095

FOOTNOTE:

- ANY SHEET METAL SCREW COMPLYING WITH ASTM C1513, SELF-DRILLING AND TAPPING TYPE, WITH HEAD TYPE APPROPRIATE TO THE APPLICATION MAY BE USED.
- ANY CONCRETE REINFORCING HEADED END COMPLYING WITH ASTM A970 MAY BE USED.

STRUCTURAL OBSERVATIONS

010000-0007 (07/07/14)

- VISUAL OBSERVATIONS WILL BE PERFORMED AT THE DISCRETION OF THE OWNER, ARCHITECT, EOR, AND AS REQUIRED BY THE BUILDING OFFICIAL IN ACCORDANCE WITH THE BUILDING CODE. VISUAL OBSERVATIONS SHALL NOT BE CONSIDERED AS A SUBSTITUTE FOR THE SPECIAL INSPECTION REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO NOTIFY THE EOR AS TO WHEN EACH MAJOR PHASE OF CONSTRUCTION IS READY FOR OBSERVATION A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE.
- THE FOLLOWING MAJOR PHASES OF CONSTRUCTION REQUIRE A SITE VISIT AND STRUCTURAL OBSERVATION REPORT FROM THE SEOR:
 - FOUNDATION REBAR AND ANCHORS - PRIOR TO FIRST POUR OF CONCRETE
 - STRUCTURAL STEEL AND COLD-FORMED FRAMING-AFTER ERECTION AND PRIOR TO CLOSING IN, INCLUDING FIRST INTERIM AND EXTERIOR SHEAR WALL SHEATHING NAILING, AND FIRST SECTION OF COLD-FORMED FRAMING INCLUDING JOISTS, BEAMS, DIAPHRAGM ATTACHMENT AND STRAPS WHERE OCCURS PRIOR TO CLOSING IN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT NAILING, REINFORCEMENT, WELDS, CONNECTIONS, ETC. ARE VISIBLE FOR OBSERVATION WHEN THE SEOR IS ON SITE AND FOR ANY SCHEDULING DELAYS DUE TO NONCOMPLIANT ITEMS FOUND DURING THE OBSERVATION.
- AT THE CONCLUSION OF THE WORK INCLUDED IN THE PERMIT, THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFY ANY REPORTED DEFICIENCIES THAT, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAVE NOT BEEN RESOLVED.

STRUCTURAL STEEL

051000-0000 (04/21/17)

- DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE SPECIFICATIONS AND STANDARD OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), AS CONTAINED IN THE LATEST EDITION OF "AISC MANUAL OF STEEL CONSTRUCTION".
- ALL STRUCTURAL STEEL SHALL BE ERECTED PLUMB AND TRUE TO LINE. TEMPORARY BRACING SHALL BE INSTALLED AND SHALL BE LEFT IN PLACE UNTIL OTHER MEANS IS PROVIDED TO ADEQUATELY BRACE THE STRUCTURE.
- PROVIDE THE FOLLOWING MATERIALS FOR STRUCTURAL STEEL UNO:

SHAPE	MATERIAL/GRADE
WIDE FLANGE SECTIONS & TEES	ASTM A992
PLATES, ANGLES, CHANNELS	ASTM A36
SQUARE OR RECTANGULAR HOLLOW STRUCTURAL SECTIONS (HSS)	ASTM A500, GRADE B (F _y =46 KSI) OR ASTM A1085
ROUND HOLLOW STRUCTURAL SECTIONS (HSS)	ASTM A500, GRADE B (F _y =42 KSI) OR ASTM A1085
PIPES	ASTM A53 TYPE E OR S, GRADE B, (F _y =35 KSI)
MACHINE BOLTS (MB)	ASTM A307
HIGH STRENGTH BOLTS (HSB)	ASTM A325 TYPE N
WELDED HEADED STUDS	ASTM A108
THREADED RODS FOR ANCHOR BOLTS	ASTM F1554, GRADE 55
HIGH STRENGTH PLATE	ASTM A572 GRADE 50

- EXCEPT AS OTHERWISE NOTED, ALL BOLTS SHALL BE HIGH STRENGTH BOLTS.
- WHERE WELDING TO GRADE 55 THREADED ANCHOR RODS IS REQUIRED, USE ASTM F1554 GRADE 55 WITH SUPPLEMENT S1.
- ALL CONNECTIONS NOT SHOWN SHALL CONFORM TO THE "AISC MANUAL OF STEEL CONSTRUCTION" AND SHALL BE SUBMITTED ON SHOP DRAWINGS FOR REVIEW BY EOR PRIOR TO FABRICATION.
- ALL WELDED HEADED STUDS, THREADED STUDS, AND DEFORMED BARS SHALL BE NELSON, OR EQUIVALENT, AND WELDED (IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS BY CERTIFIED WELDERS) SO AS TO FULLY DEVELOP THE TENSILE CAPACITY OF THE CONNECTOR.
- BOLTS WITH UPSET THREADS ARE NOT ALLOWED. USE THE APPROPRIATE NUT AND WASHER TYPE FOR THE SPECIFIED BOLT.
- ALL STEEL FABRICATION SHALL BE PERFORMED BY A LICENSED FABRICATOR.
- ALL STRUCTURAL STEEL AND MISCELLANEOUS STEEL PERMANENTLY EXPOSED TO THE ELEMENTS SHALL BE HOT DIP GALVANIZED AFTER FABRICATION UNLESS A WEATHER PROOF COATING IS SPECIFIED BY THE ARCHITECT. UNO. STAINLESS AND WEATHERING STEELS, WHERE SPECIFIED, ARE EXEMPT FROM THIS REQUIREMENT. GALVANIZED SURFACES SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE REPAIRED AS NECESSARY. ALL ARCHITECTUALLY EXPOSED STRUCTURAL STEEL (AESS) SHALL COMPLY WITH AISC CODE OF STANDARD PRACTICE, SECTION 10.
- SEE ARCHITECTURAL DRAWINGS FOR NAILER HOLES, WELDED STUDS OR OTHER ITEMS NOT SHOWN IN THESE DRAWINGS.
- WHERE STEEL IS EMBEDDED IN CONCRETE OR MASONRY, PROVIDE HOLES AS REQUIRED FOR PASSAGE OF CONTINUOUS REINFORCING BARS WHERE INDICATED ON DRAWINGS.
- DO NOT CUT HOLES IN STRUCTURAL STEEL WITHOUT APPROVAL OF THE SEOR.
- PLACE NON-SHRINK OR DRYPACK GROUT UNDER ALL BASE PLATES AND ALLOW TO CURE BEFORE APPLYING LOADS.
- ALL WORK SHALL BE IN CONFORMANCE WITH ANY AND ALL TESTING, INSPECTION, QUALIFICATION, AND QUALITY ASSURANCE PROVISIONS AS REQUIRED BY THE BUILDING CODE AND ANY APPLICABLE STANDARDS. THESE STANDARDS INCLUDE, BUT ARE NOT LIMITED TO THE LATEST VERSION OF THE FOLLOWING: AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"; AISC 341 "SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS"; AWS D1.1 "STRUCTURAL WELDING CODE - STEEL"; AWS D1.8 "STRUCTURAL WELDING CODE - SEISMIC SUPPLEMENT"; AND RCS "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS". CONFORMANCE TO SUPPLEMENTS TO THESE STANDARDS, IF PUBLISHED ON OR BEFORE THE DATE OF PERMIT ISSUANCE, IS ALSO REQUIRED. ALTHOUGH THESE CONTRACT DOCUMENTS INCLUDE GENERAL REFERENCES TO CODES AND STANDARDS, AND REFERENCES TO OR INCLUSIONS OF SPECIFIED PROVISIONS, OMISSIONS OF ANY APPLICABLE CODE, STANDARD, OR PROVISION DOES NOT RELIEVE THE GENERAL CONTRACTOR FROM COMPLIANCE TO THE APPLICABLE REQUIREMENTS. COORDINATION OF QUALITY CONTROL AND QUALITY ASSURANCE IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- WHERE ADDNL. STRUCTURAL SPLICES ARE REQUESTED THAT ARE NOT SHOWN ON STRUCTURAL DWGS, CONTRACTOR TO PROVIDE DIMENSIONED LOCATIONS FOR SEOR APPROVAL BEFORE FABRICATION OR ERECTION OF MEMBERS.
- ALL HSS BEAMS, GIRDERS, OR OTHER HORIZONTAL FRAMING MEMBERS SHALL BE ORIENTED WITH MEMBER'S LONG DIMENSION VERTICAL (LV) UNO.

STEEL LATERAL FORCE RESISTING SYSTEM

051000-0000 (04/21/17)

- ASTM A325 TYPE 1 SLIP-CRITICAL BOLTS SHALL BE USED FOR ALL "LATERAL FORCE RESISTING SYSTEM" (LFRS) MEMBER STEEL TO STEEL CONNECTIONS, UNO.
- ALL WELDS WITHIN MEMBERS DESIGNATED AS PART OF THE LATERAL FORCE RESISTING SYSTEM (LFRS) SHALL CONFORM TO THE DETAILING, MATERIALS, WORKMANSHIP, TESTING, AND INSPECTION REQUIREMENTS PER AWS D1.8 AND THE LATEST EDITION OF AISC 341, AND SHALL USE A FILLER METAL WITH A CHARPY V-NOTCH (CVN) TOUGHNESS OF 20 FT-LB AT 0°F.
- WHERE WELDS ARE DESIGNATED AS DEMAND CRITICAL, THEY SHALL BE MADE WITH A FILLER METAL CAPABLE OF PROVIDING A MINIMUM CVN TOUGHNESS OF 20 FT-LB AT -20°F AND 40 FT-LB AT 70°F. SEE AWS D1.8, SECTION 6.3.6, FOR CVN TEST CRITERIA. "DC" INDICATES A DEMAND CRITICAL WELD.
- WELDERS PERFORMING WELDING WITHIN THE "LFRS" SHALL BE QUALIFIED IN ACCORDANCE WITH AWS D1.8 CHAPTER 5.
- (FOR INTERMEDIATE MOMENT FRAMES AND SPECIAL MOMENT FRAMES) WELDS FOR COLUMN SPLICES AND COLUMN TO BASEPLATE CONNECTIONS SHALL BE DEMAND CRITICAL WELDS.
- WHERE A PORTION OF A STRUCTURAL STEEL MEMBER IS DESIGNATED AS A PROTECTED ZONE, IT SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
 - TRACK WELDS, AIR-ARC GOUGING, THERMAL CUTTING, AND OTHER DISCONTINUITIES CREATED BY FABRICATION OR ERECTION OPERATIONS, SHALL BE REPAIRED AS REQUIRED BY SEOR.
 - WELDED SHEAR STUDS AND DECKING ATTACHMENTS THAT PENETRATE THE BEAM FLANGES SHALL NOT BE PLACED ON BEAM FLANGES. ARC SPOT WELDS AS REQUIRED TO SECURE METAL DECK SHALL BE PERMITTED.
 - WELDED, BOLTED, SCREWED, OR SHOT-IN ATTACHMENTS FOR PERIMETER EDGE ANGLES, EXTERIOR FACADES, PARTITIONS, DUCT WORK, PIPING, OR OTHER CONSTRUCTIONS SHALL NOT BE PERMITTED.
 - SEE THE LATEST EDITION OF AISC 341 FOR ADDITIONAL REQUIREMENTS.

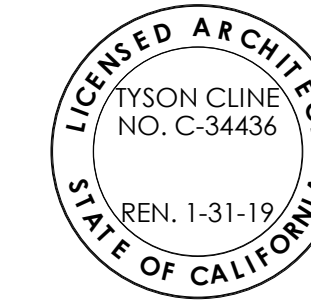
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FL \$S



Roesling Nakamura
Terada Architects

285 N Ventura Ave # 102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

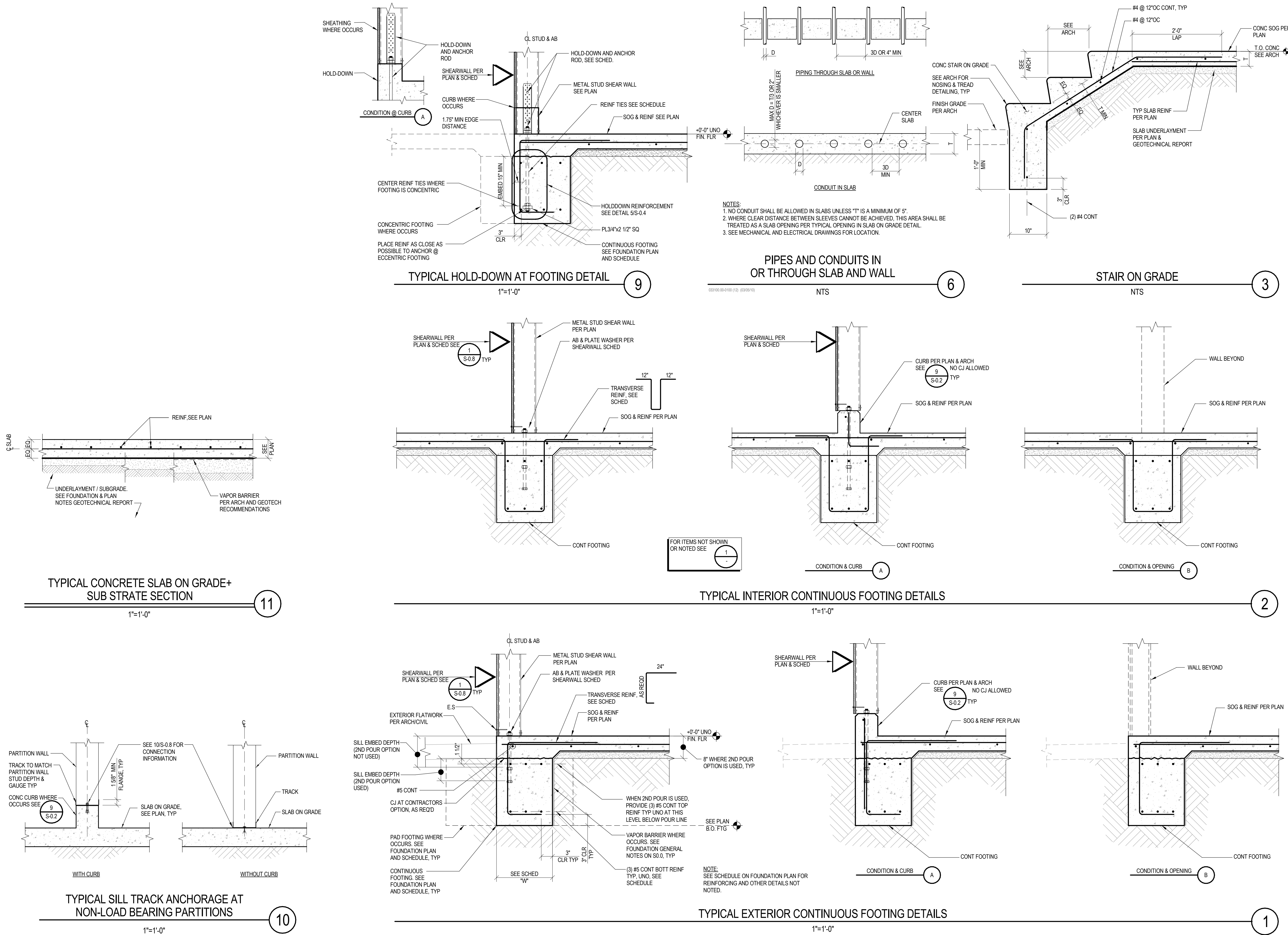
Revisions

No.	Description	Date
		</

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.

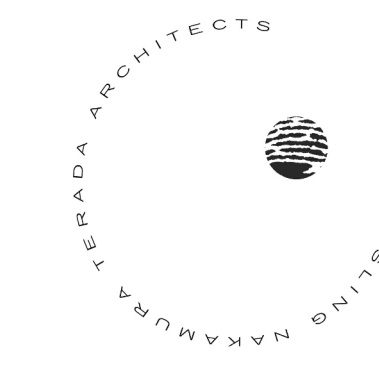
S-0.2

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

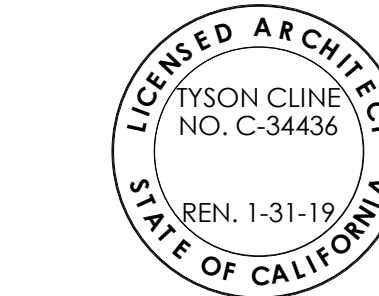


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

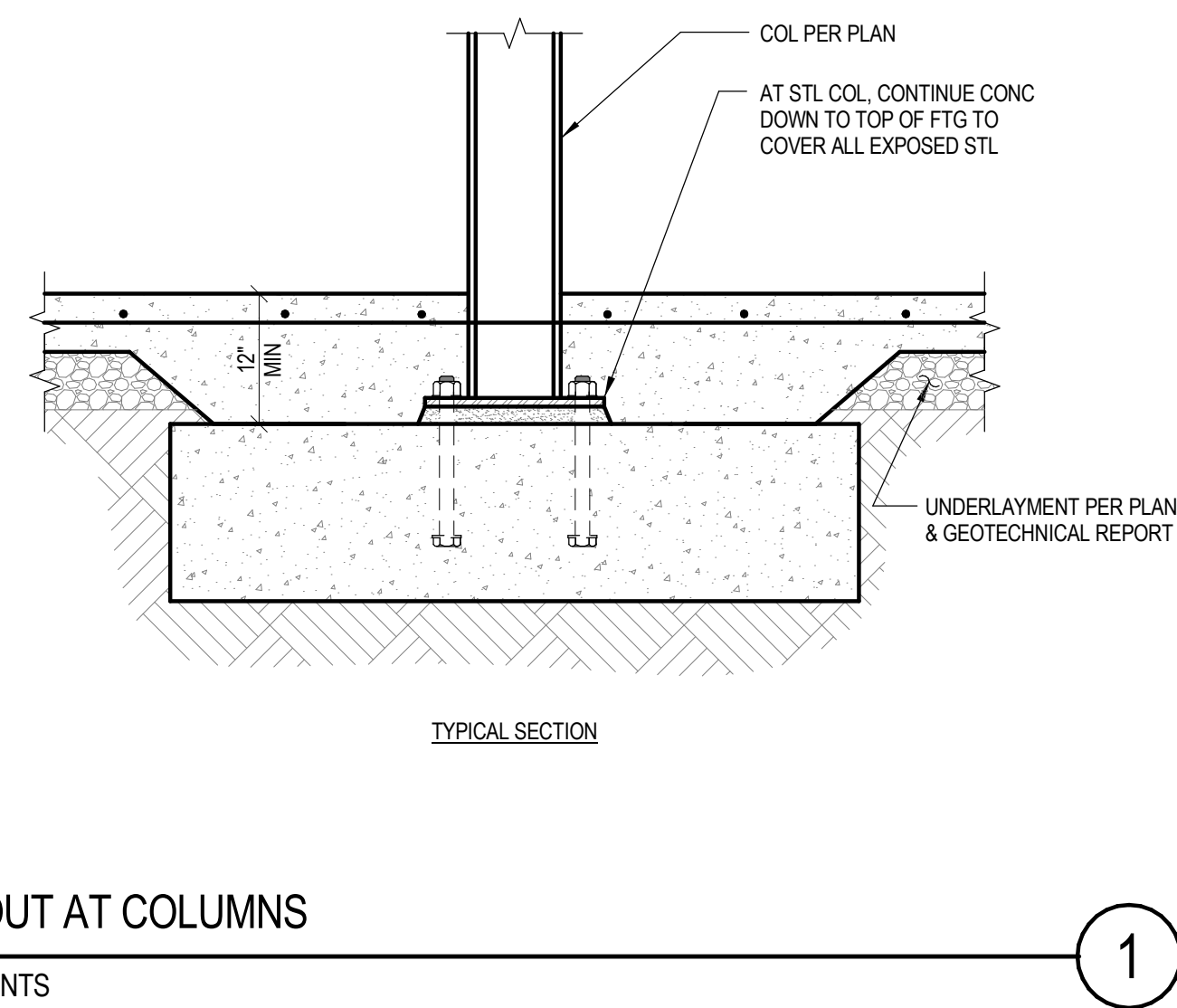
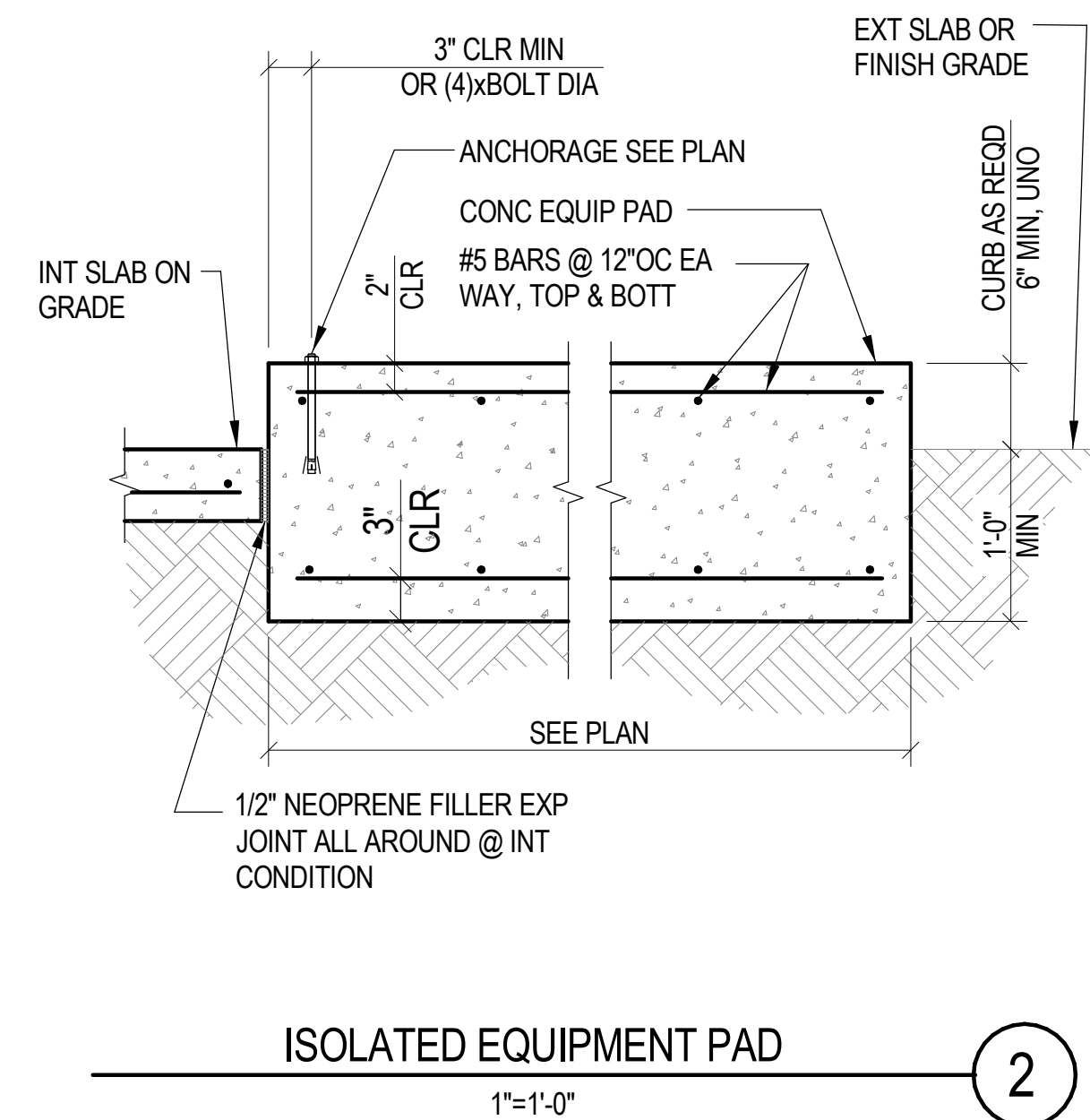
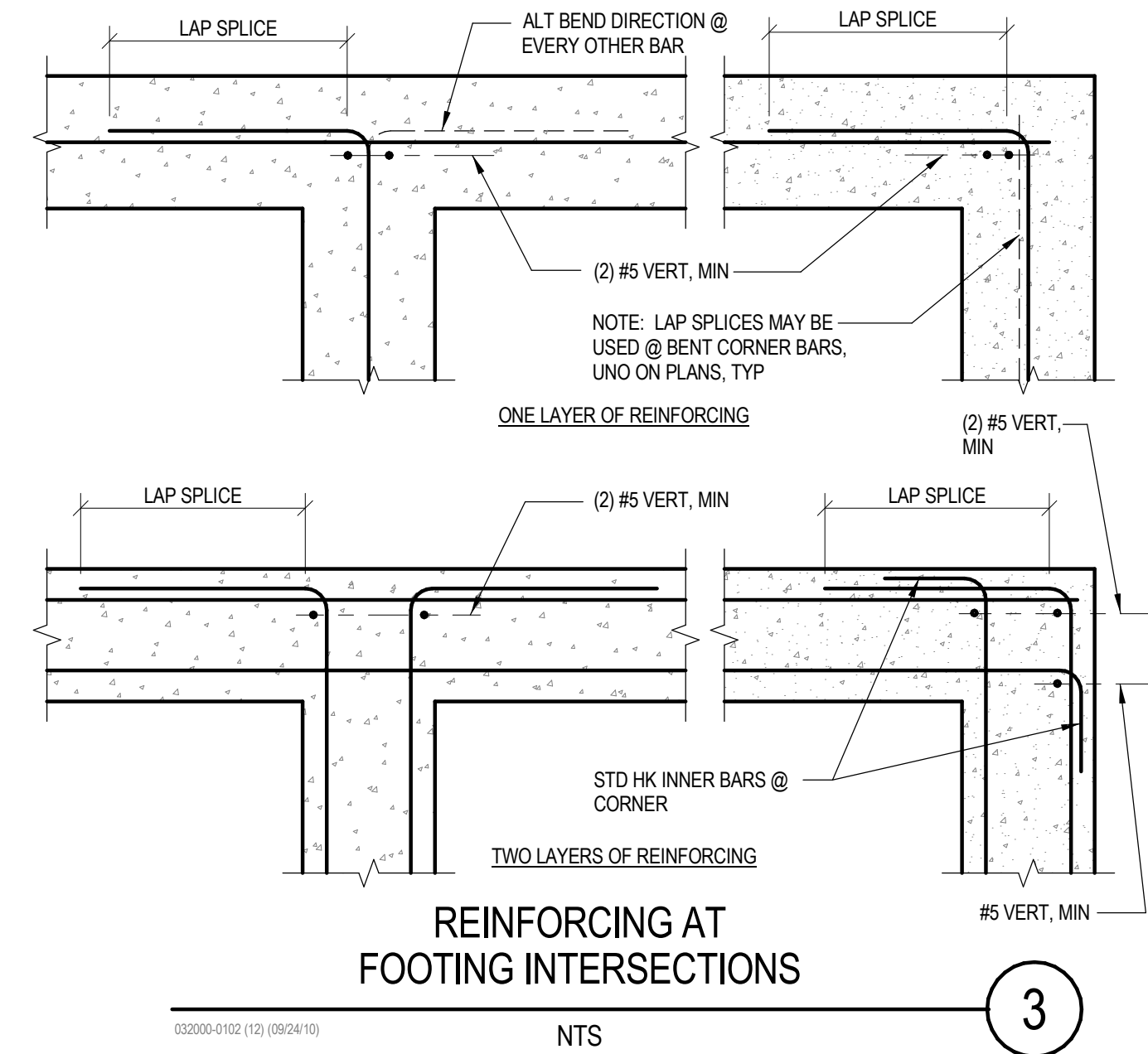
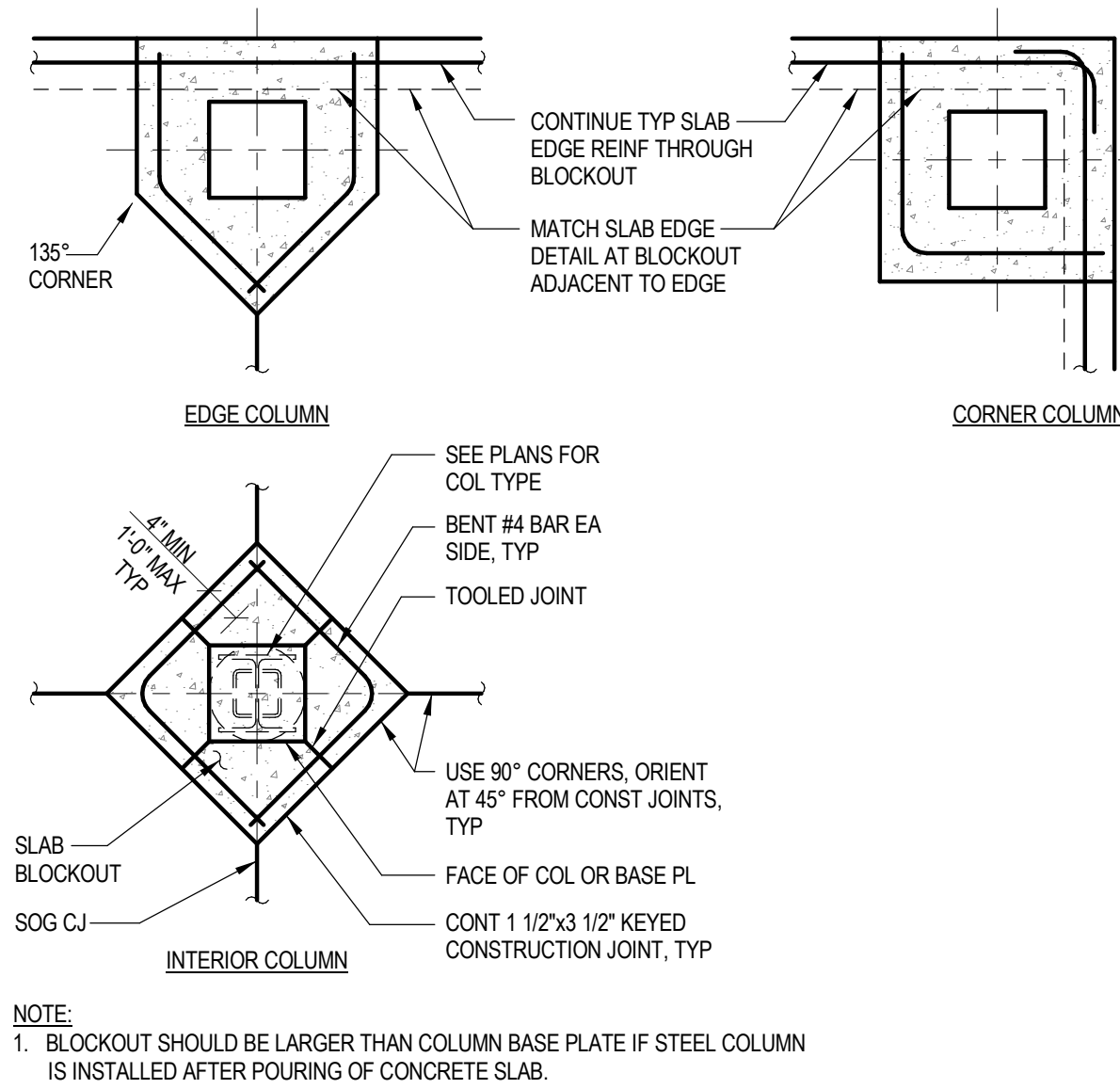
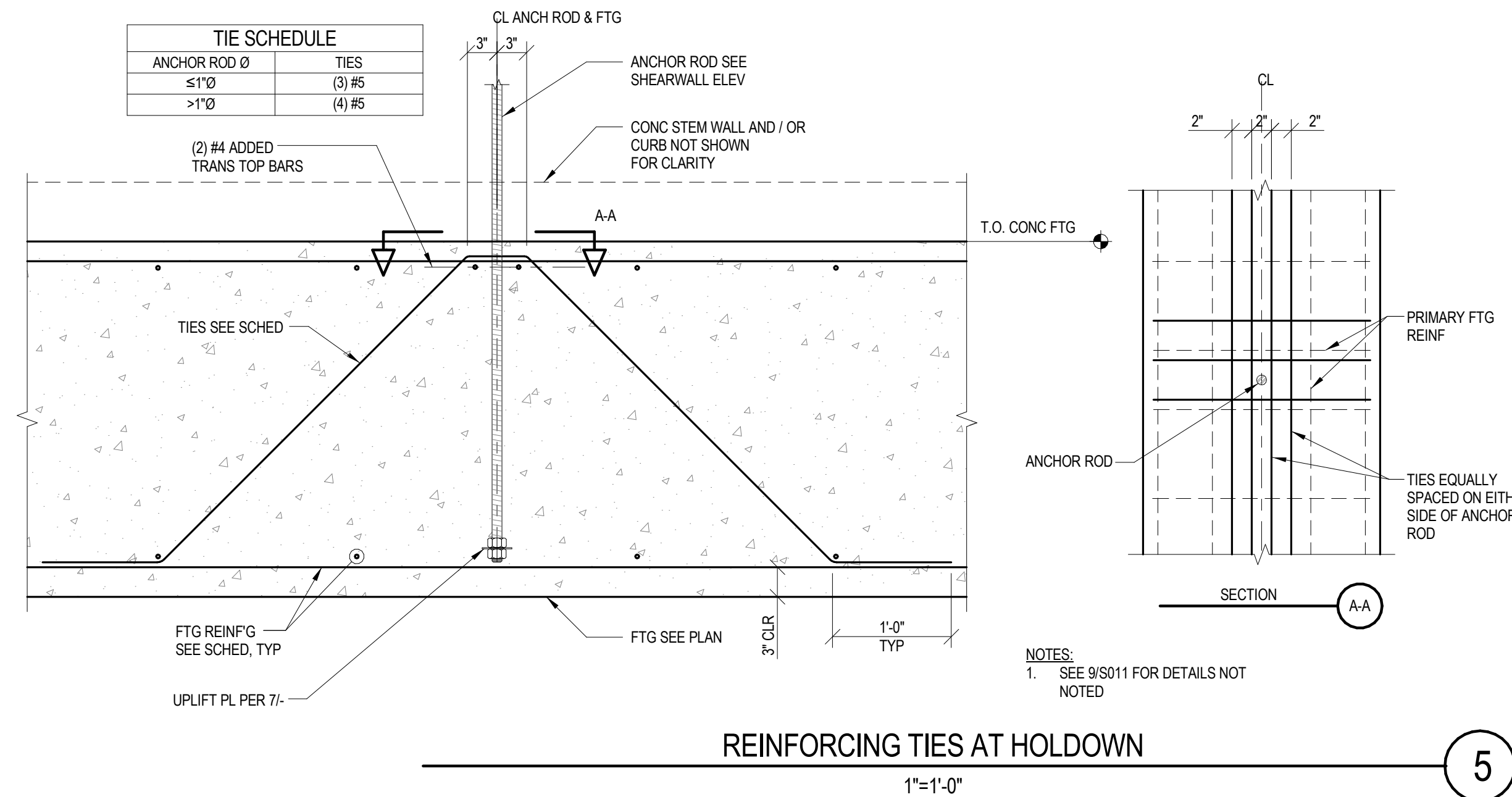
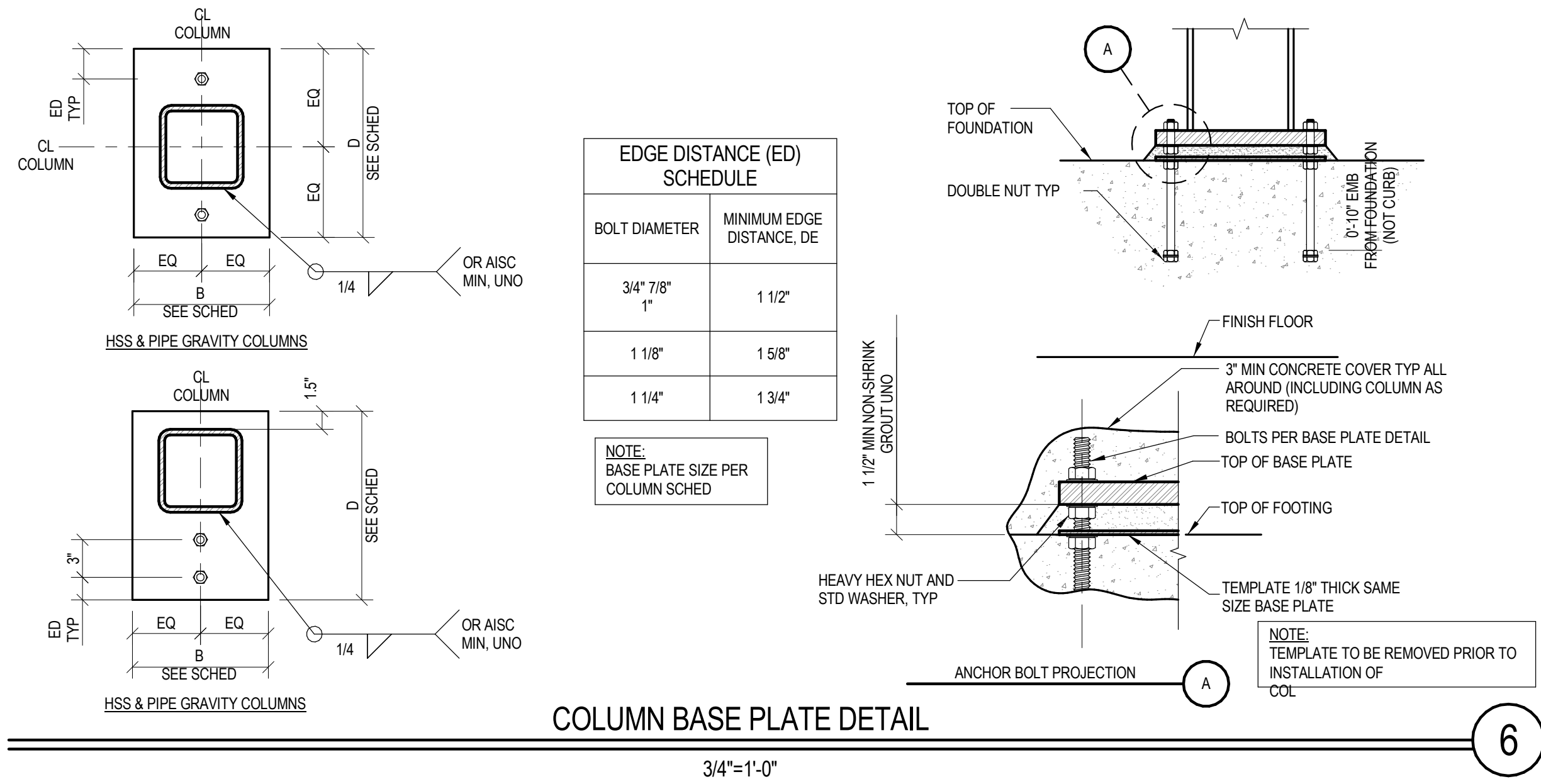
Sheet Name

TYPICAL
CONCRETE
DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-0.3

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

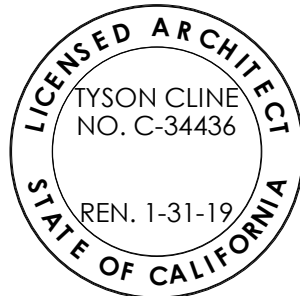


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FLS _____ SS _____



**Roesling Nakamura
Terada Architects**
285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

**DINING HALL
AND KITCHEN
AT MATILIJIA
JUNIOR HIGH
SCHOOL**

**CONSTRUCTION
DOCUMENTS**

Revisions		
No.	Description	Date

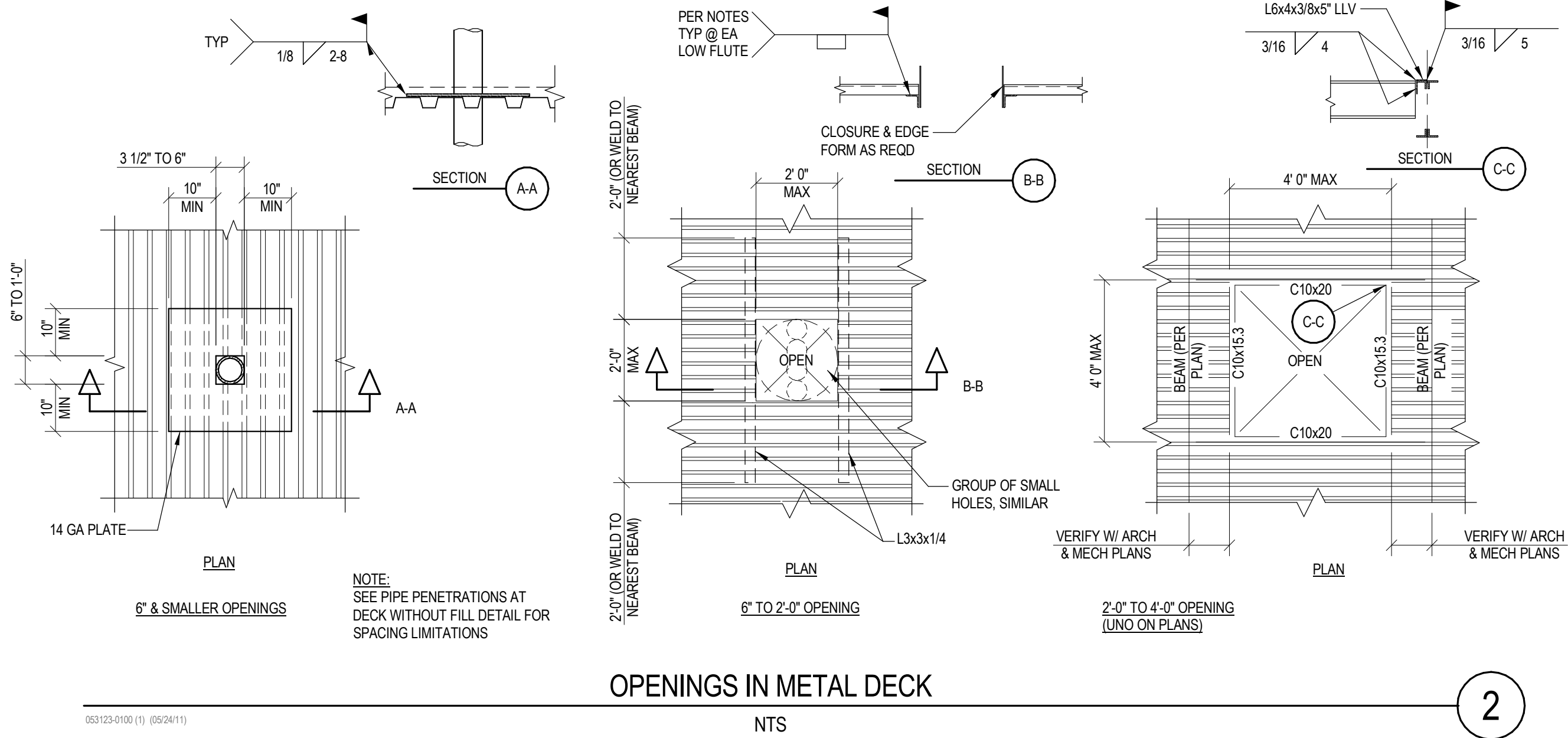
Sheet Name

**TYPICAL
CONCRETE
DETAILS**

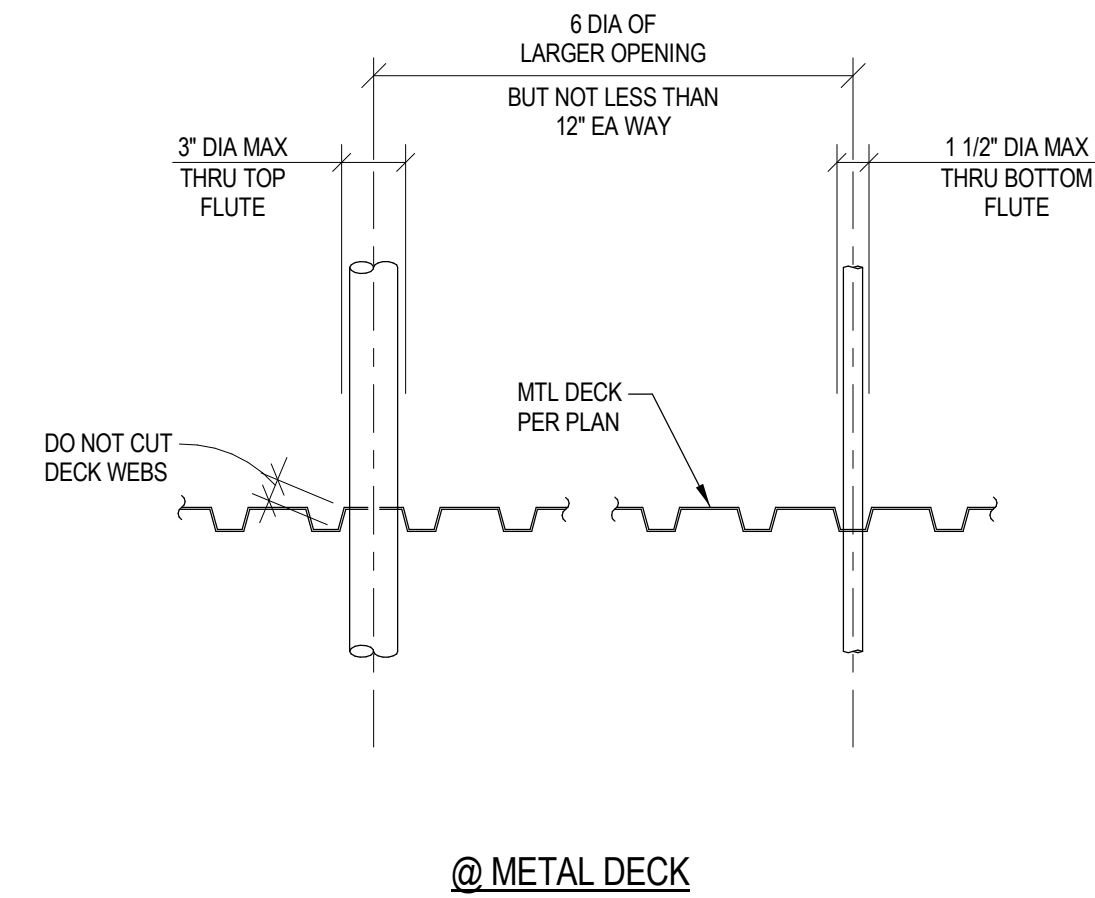
Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-0.4

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



03123-0100 (1) (05/04/11)



033000-0101 (1) (02/02/10)

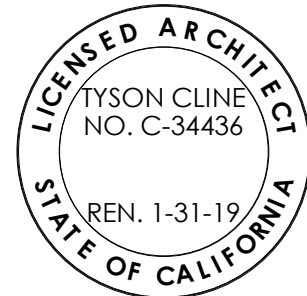
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TYPICAL STEEL
DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-0.5

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. No reproduction is therefore permissible without the written consent of RNT.

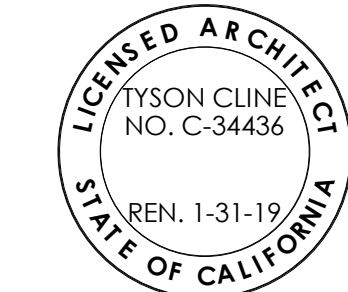
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATE SERVICES

AC FLS SS



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

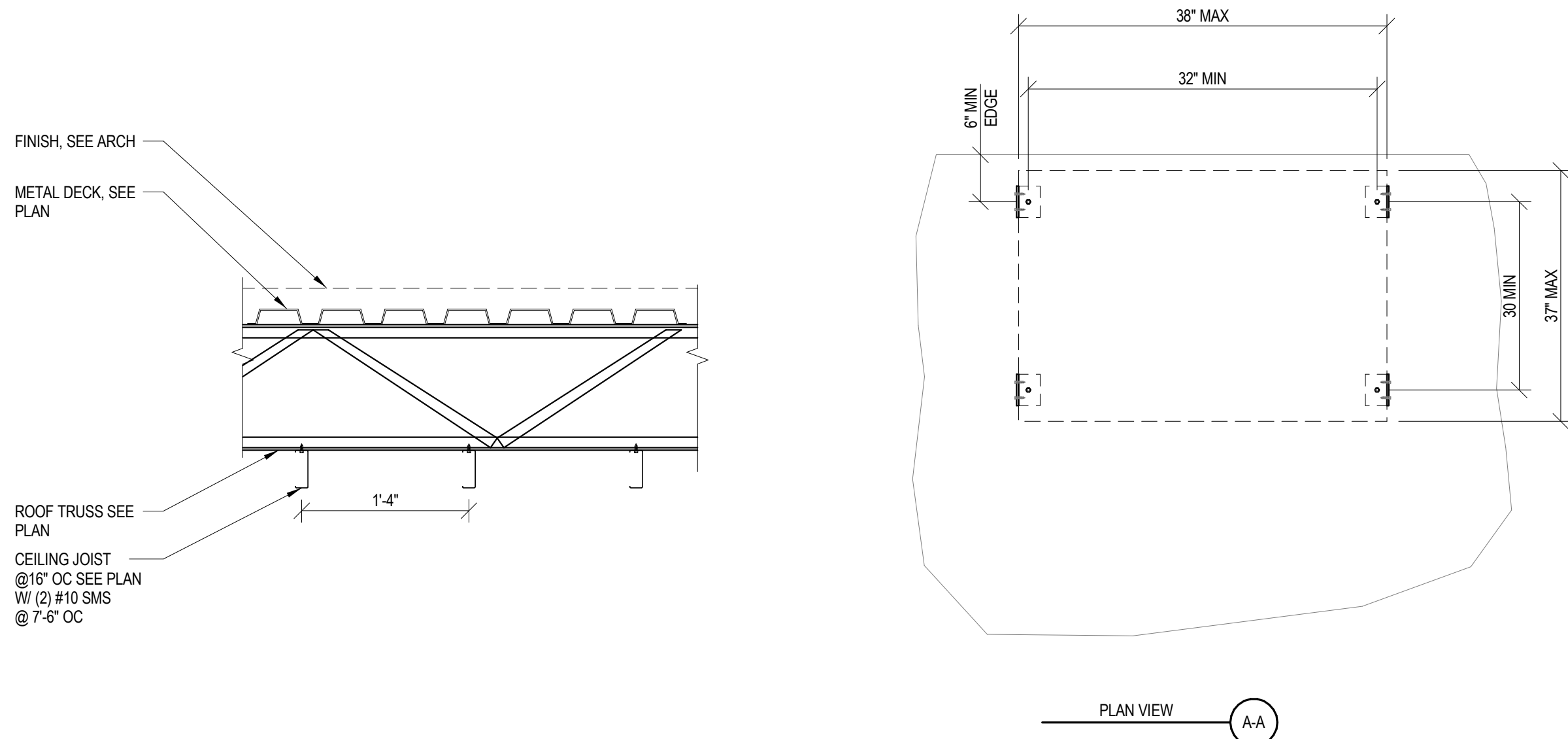
Revisions		
No.	Description	Date

Sheet Name

TYPICAL STEEL
DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

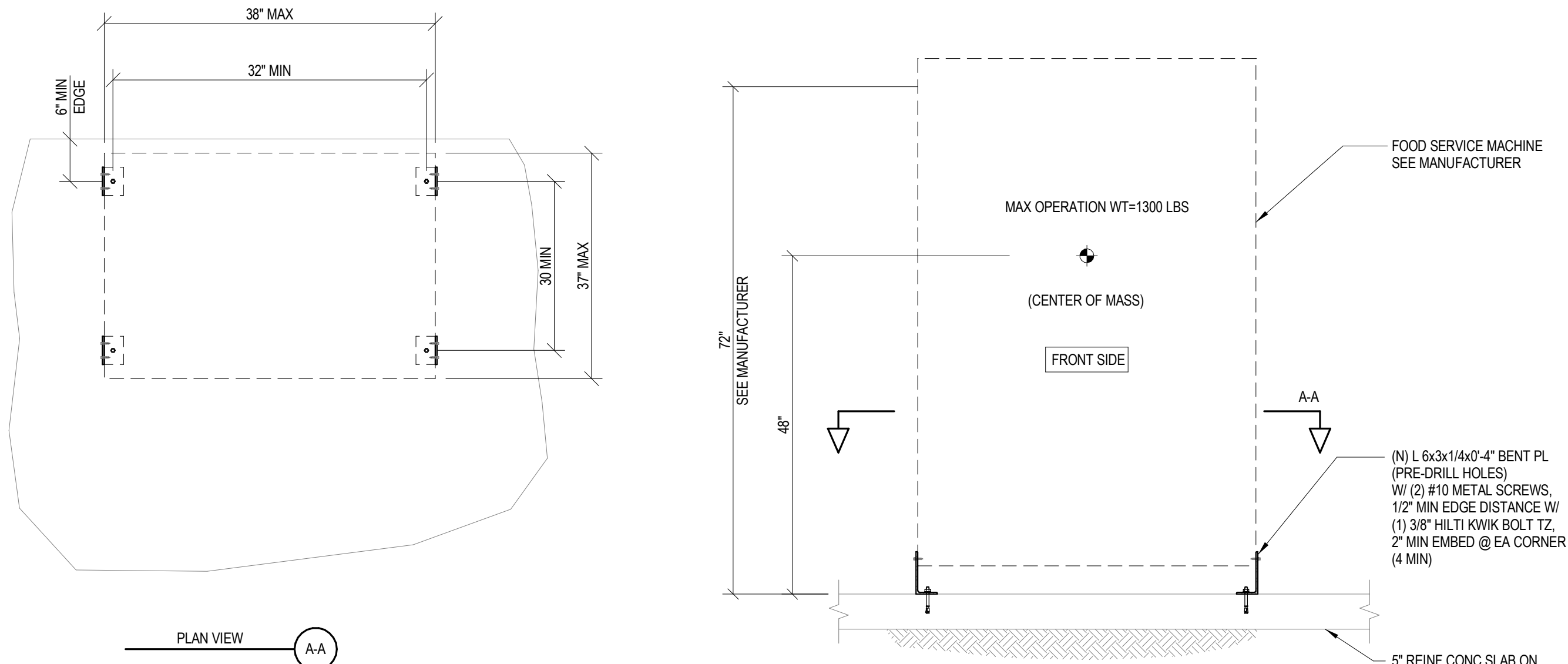
S-0.6



CEILING JOIST CONNECTION DETAIL

1"=1'-0"

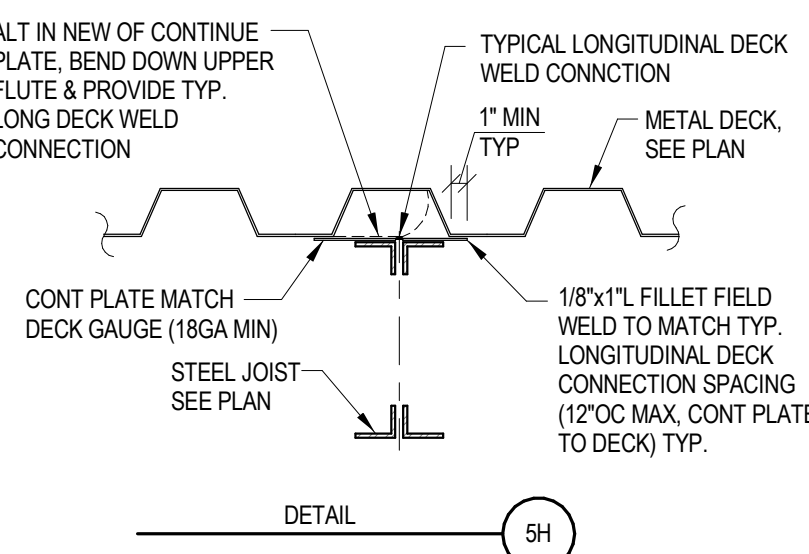
9



FOOD SERVICE MACHINE ANCHORAGE ON SLAB ON GRADE DETAIL

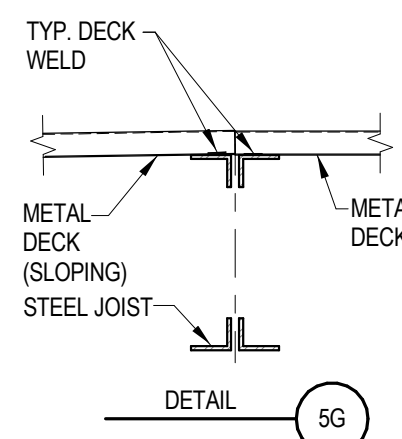
1"=1'-0"

6



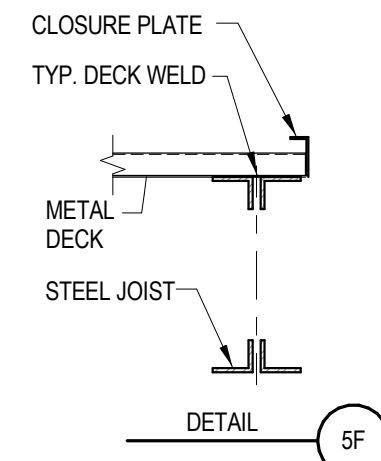
DETAIL

5H



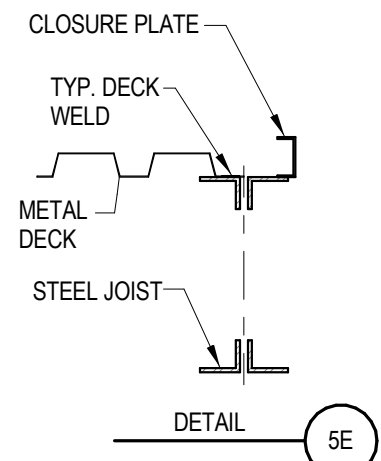
DETAIL

5G



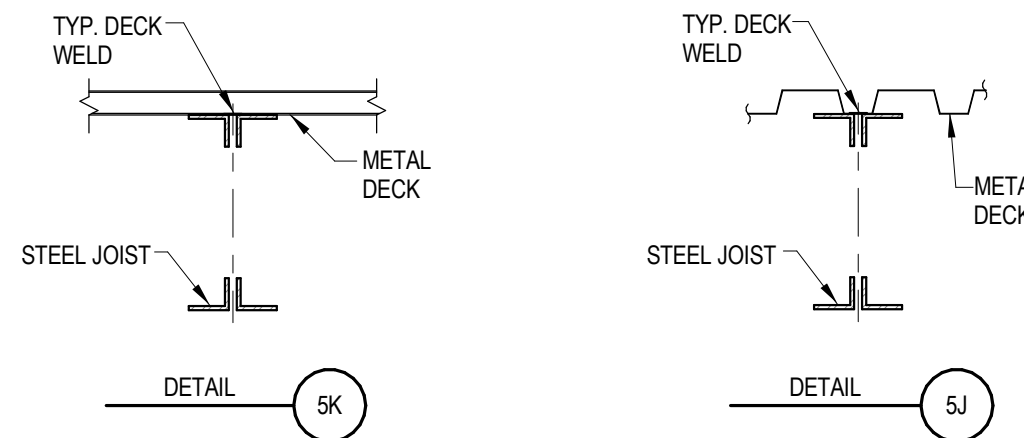
DETAIL

5F



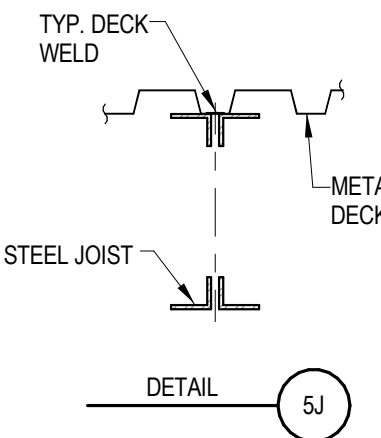
DETAIL

5E



DETAIL

5K



DETAIL

5J

ROOF DECK CONNECTION DETAIL

1"=1'-0"

5

METAL DECK TYPE SCHEDULE									
METAL DECK (IAPMO ER-0217 & IAPMO ER-0226)							CONC OVER DECK		
MARK	DEPTH (IN)	TYPE	GAGE	I (IN ² /FT)	S _{TOP} (IN ³ /FT)	S _{BOT} (IN ³ /FT)	TOTAL DEPTH	CONC TYPE	REINF ^{1,2}
D-1	4"	TORIS 4A	16	4.10	1.56	1.63	-	-	-
D-2	1 1/2"	HSB_36SS	20	0.219/ 0.231	0.230	0.237	-	-	-

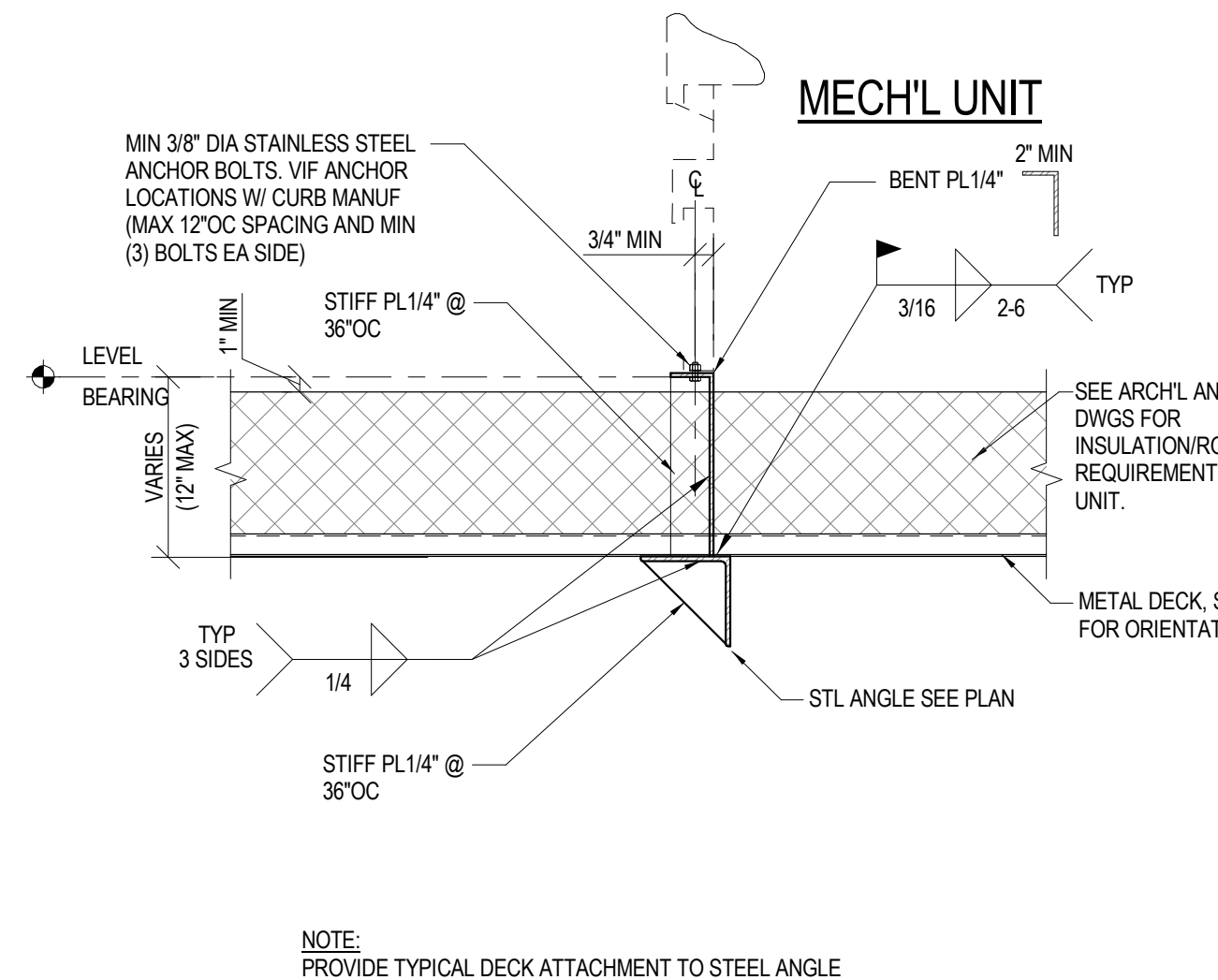
METAL DECK CONNECTION SCHEDULE					
MARK	ENDS AND INTERMEDIATE SUPPORTS AND MEMBERS PERPENDICULAR TO FLUTE	LONGITUDINAL SUPPORTS AND MEMBERS PARALLEL TO FLUTE	SIDE LAP	NOTES	
D-1	CONNECTION TO STL PL (3) 3/4" ARC PUDDLE WELD EVERY 24"(24/3 PATTERN)	(3) 3/4" ARC PUDDLE WELD EVERY 24"(24/3 PATTERN)	1.5" FILLET WELD @ 18" OC	-	
D-2	CONNECTION TO COLD FORMED STEEL (6)#12 SELF TAPPING SCREW @ EVERY 24" (24/6 PATTERN)	(6)#12 SELF TAPPING SCREW @ EVERY 24" (24/6 PATTERN)	#10 @12"OC		

- NOTES:
1. WHEN TWO DECK METAL PANELS ABUT, EACH PANEL SHALL BE ATTACHED AS SPECIFIED.
2. SEE GENERAL NOTES ON SHEET S-0.0 FOR ADDITIONAL METAL DECK NOTES

METAL DECK TYPE
AND CONNECTION SCHEDULES

NTS

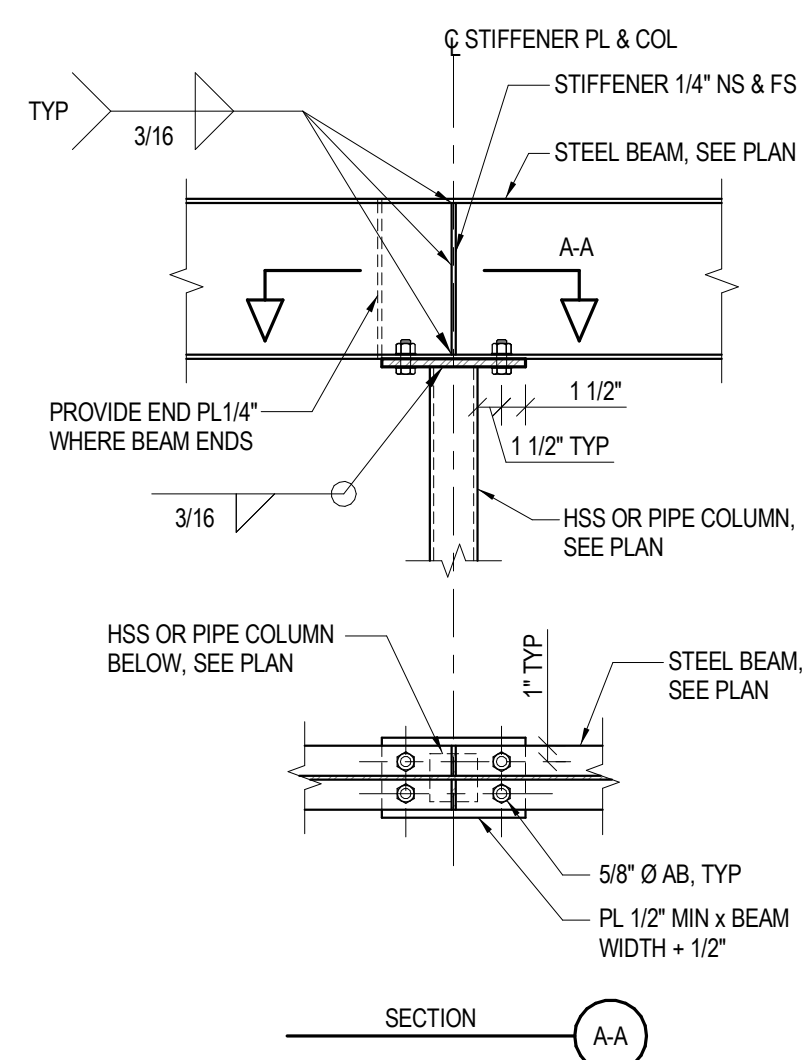
7



MECHANICAL EQUIPMENT
ANCHORAGE DETAIL

1"=1'-0"

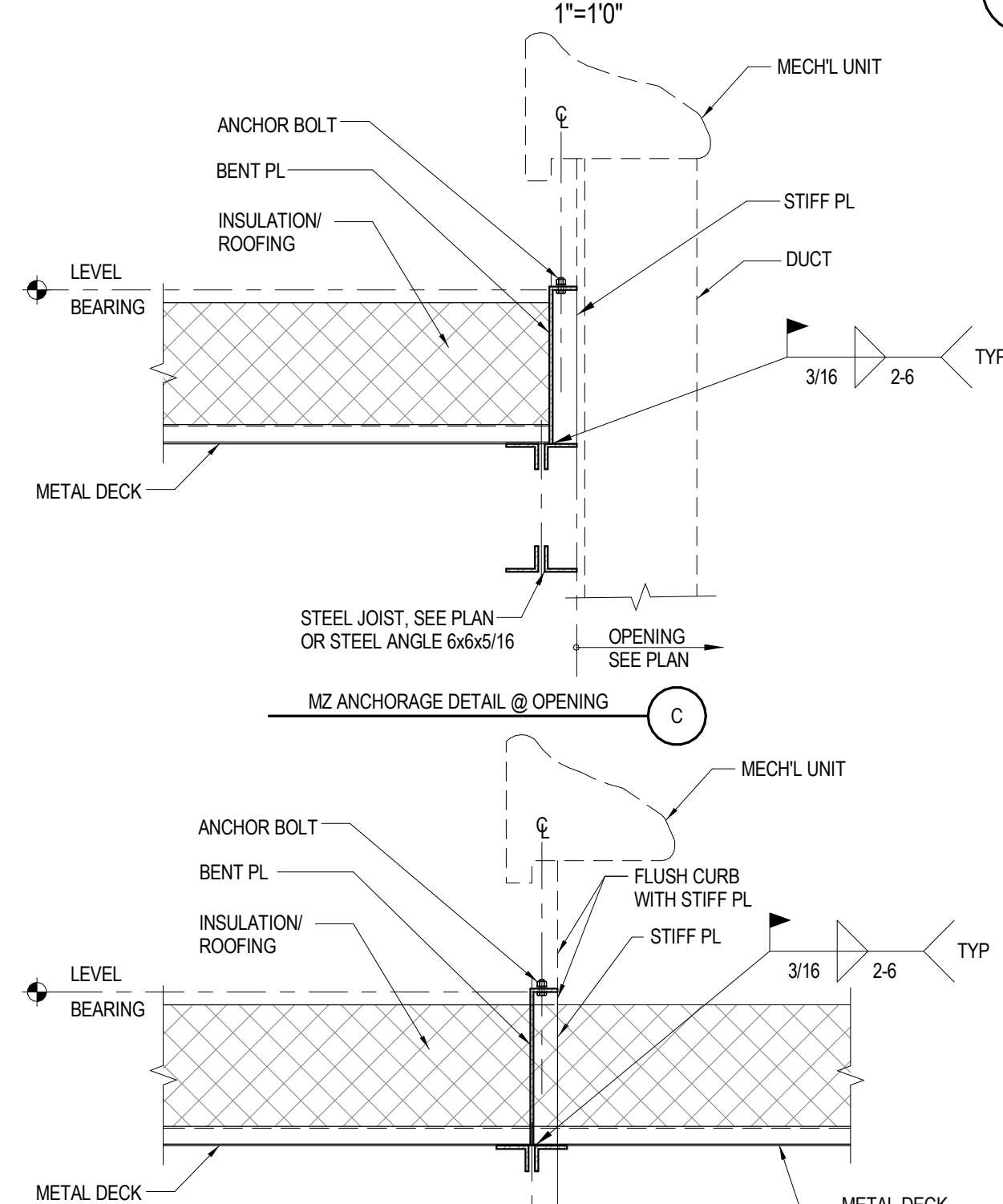
4



TYPICAL STEEL BEAM OVER STEEL COLUMN

1"=1'-0"

3

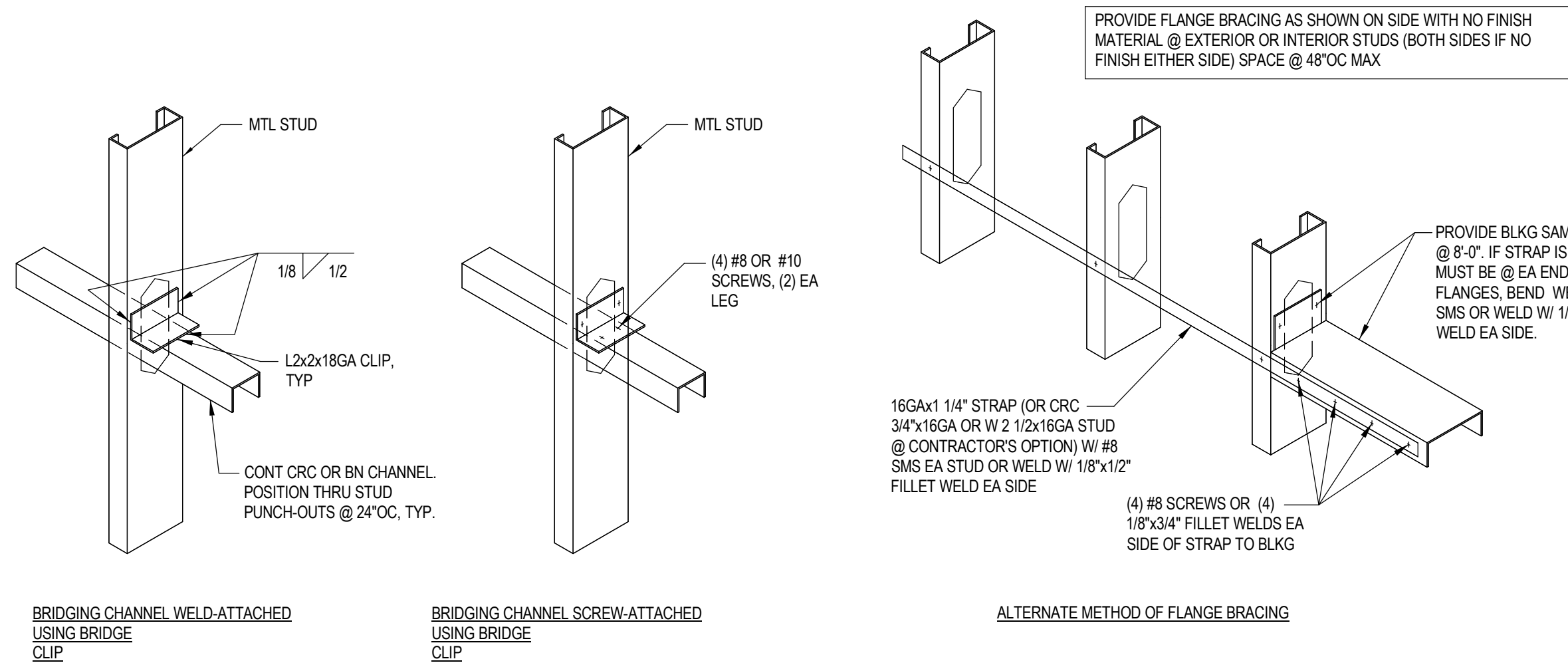


MECHANICAL EQUIPMENT
ANCHORAGE DETAIL

1/2"=1'-0"

1

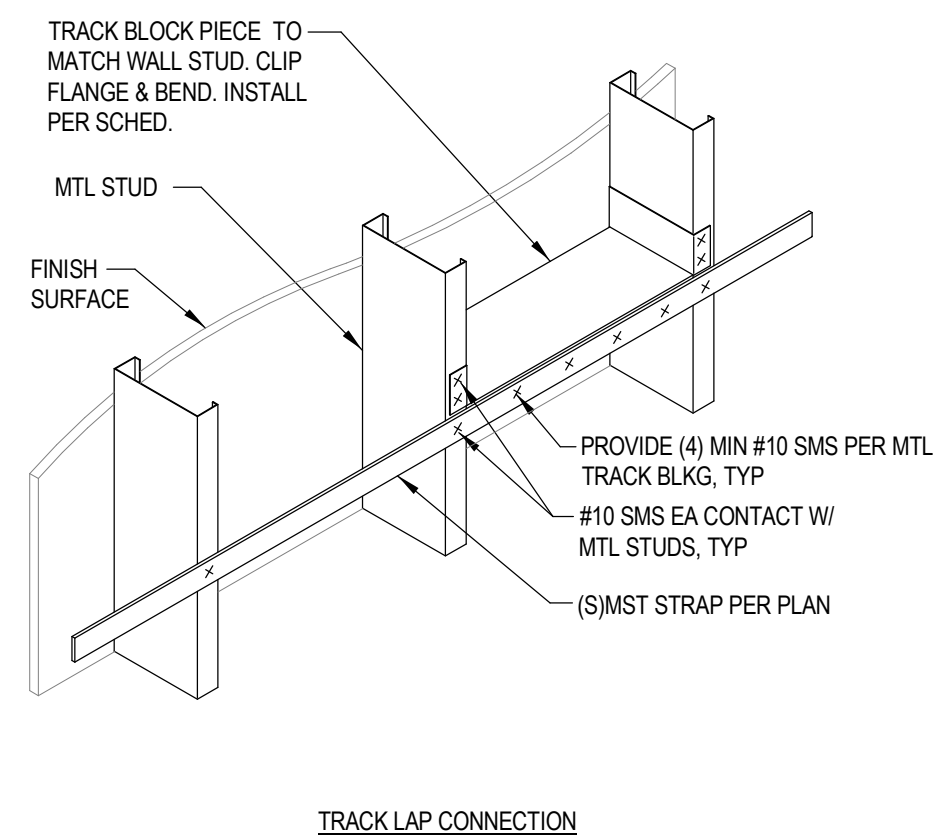
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



STEEL STUD FLANGE BRACING

NTS

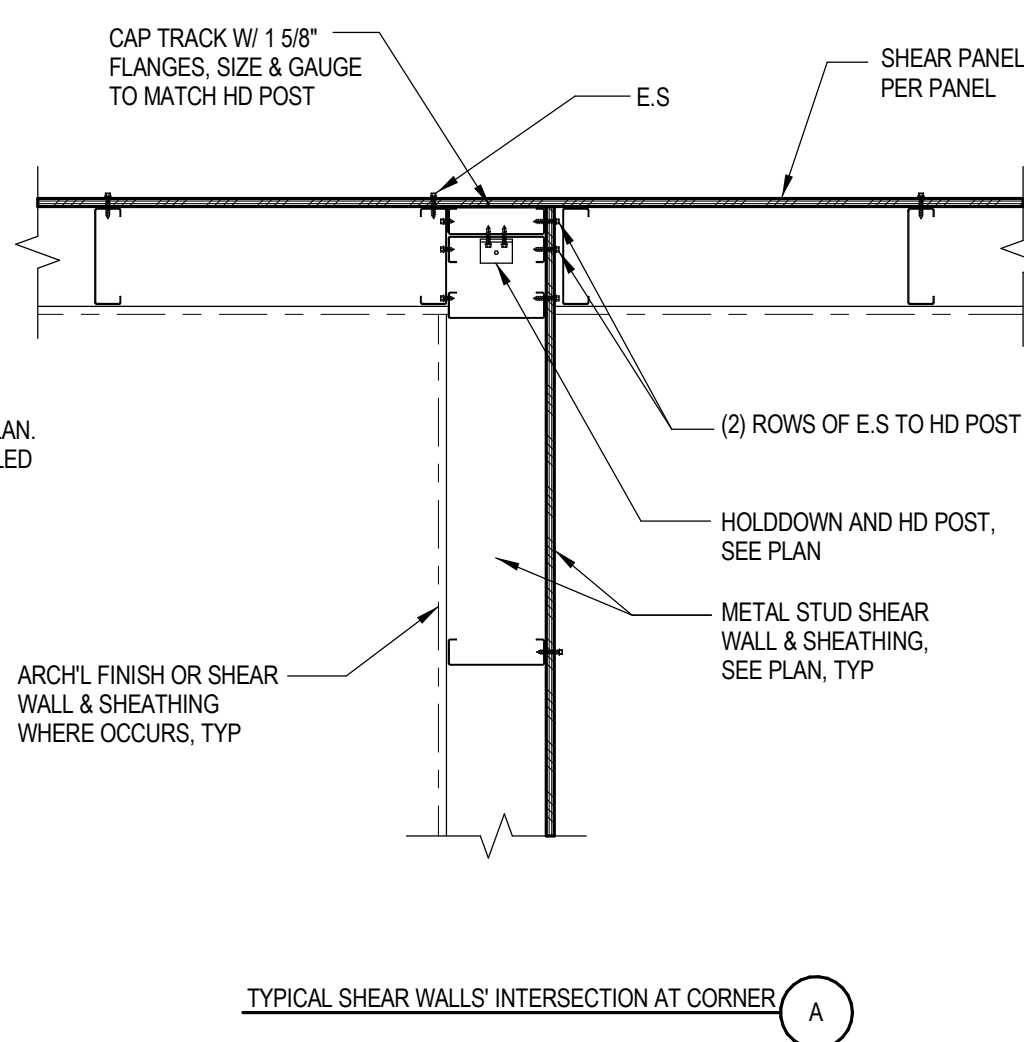
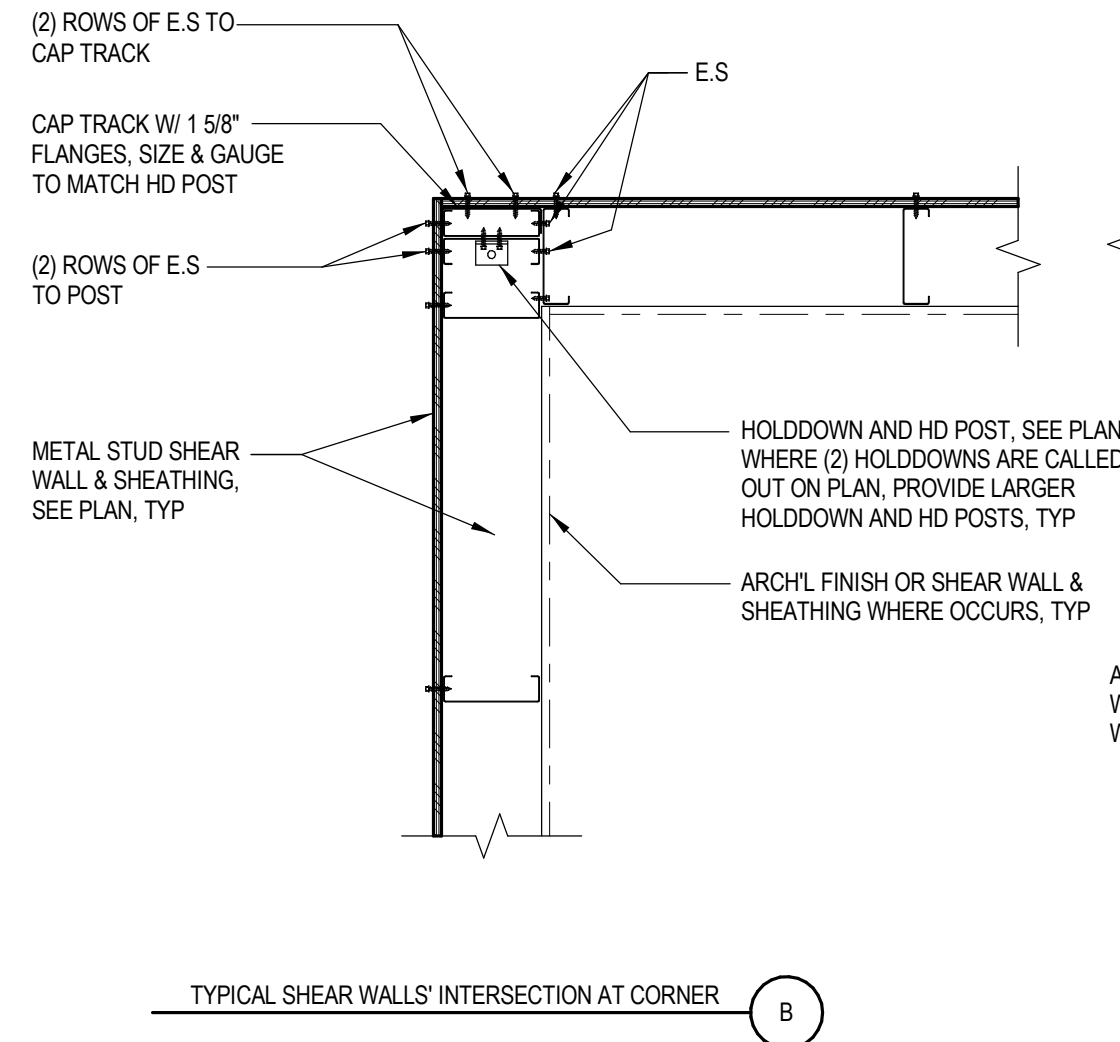
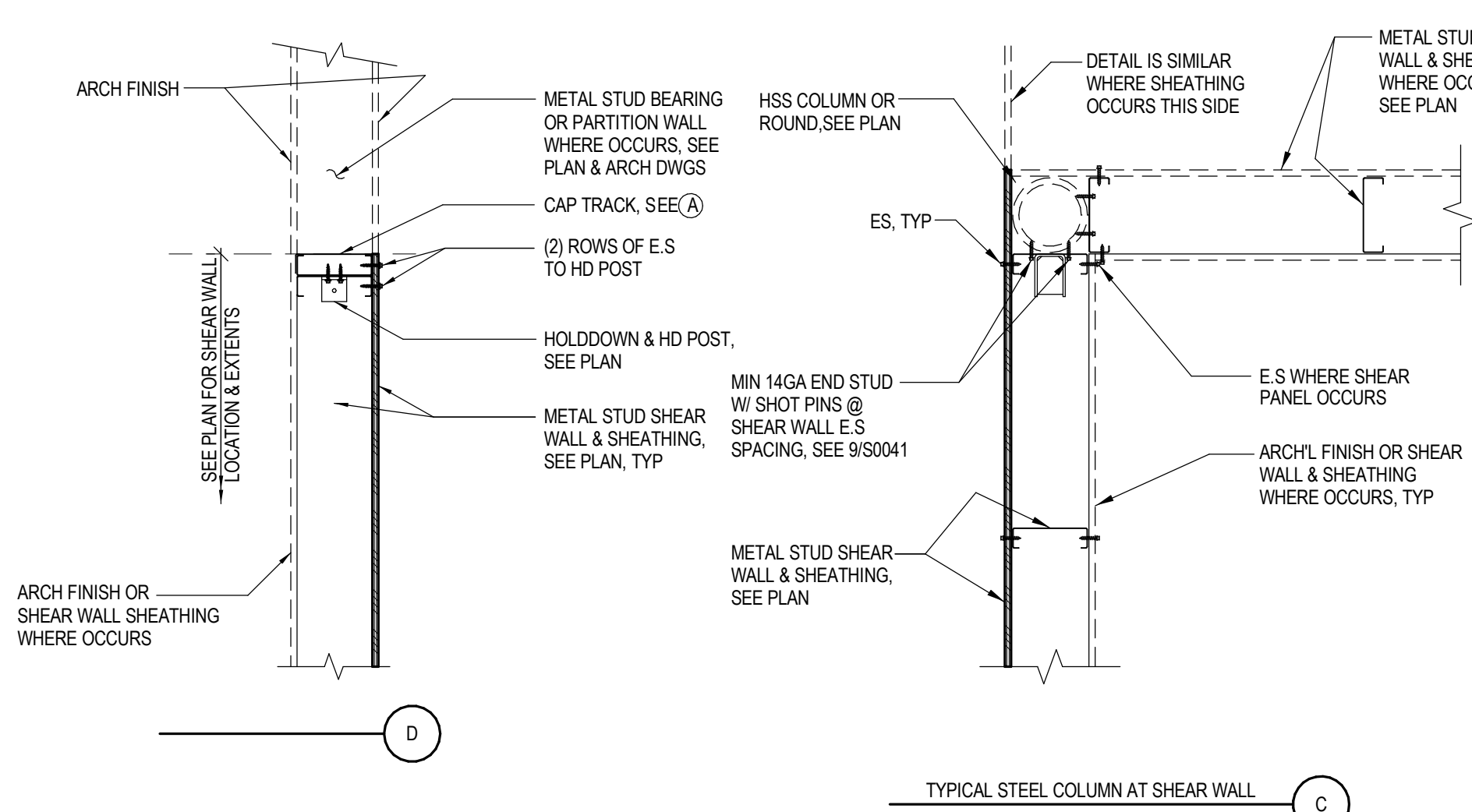
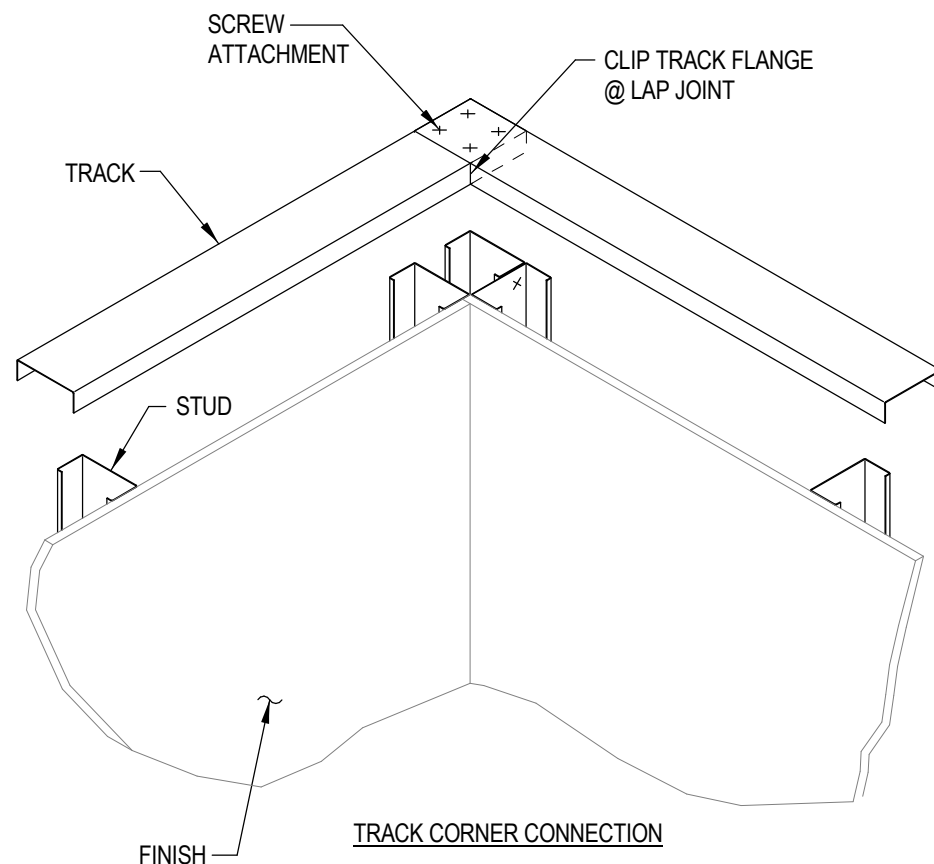
9



WALL FRAMING AT CORNER TRACK LAP CONNECTION

NTS

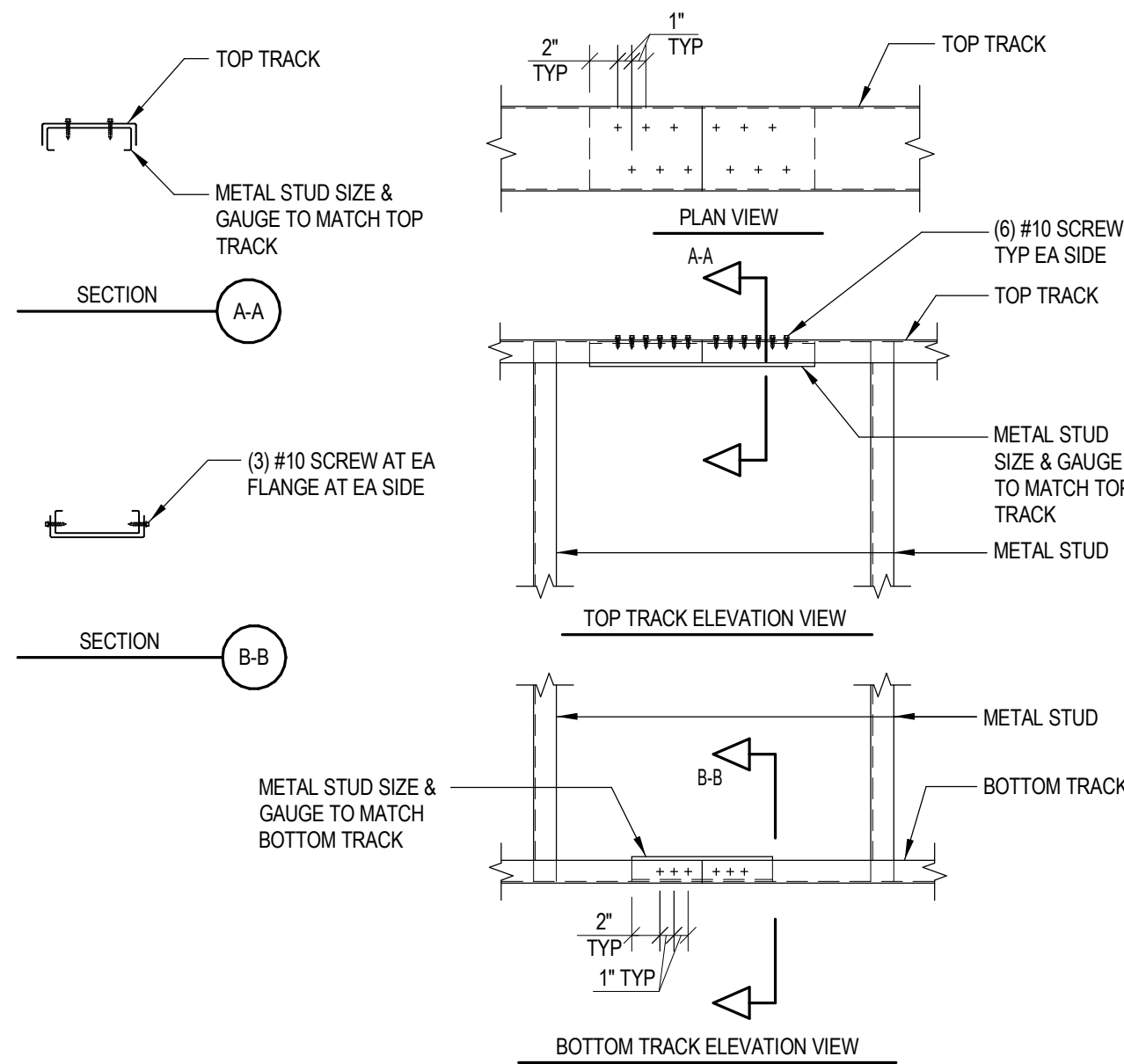
3



TYPICAL HOLDDOWN AND HD POST PLAN DETAILS

1"=1'-0"

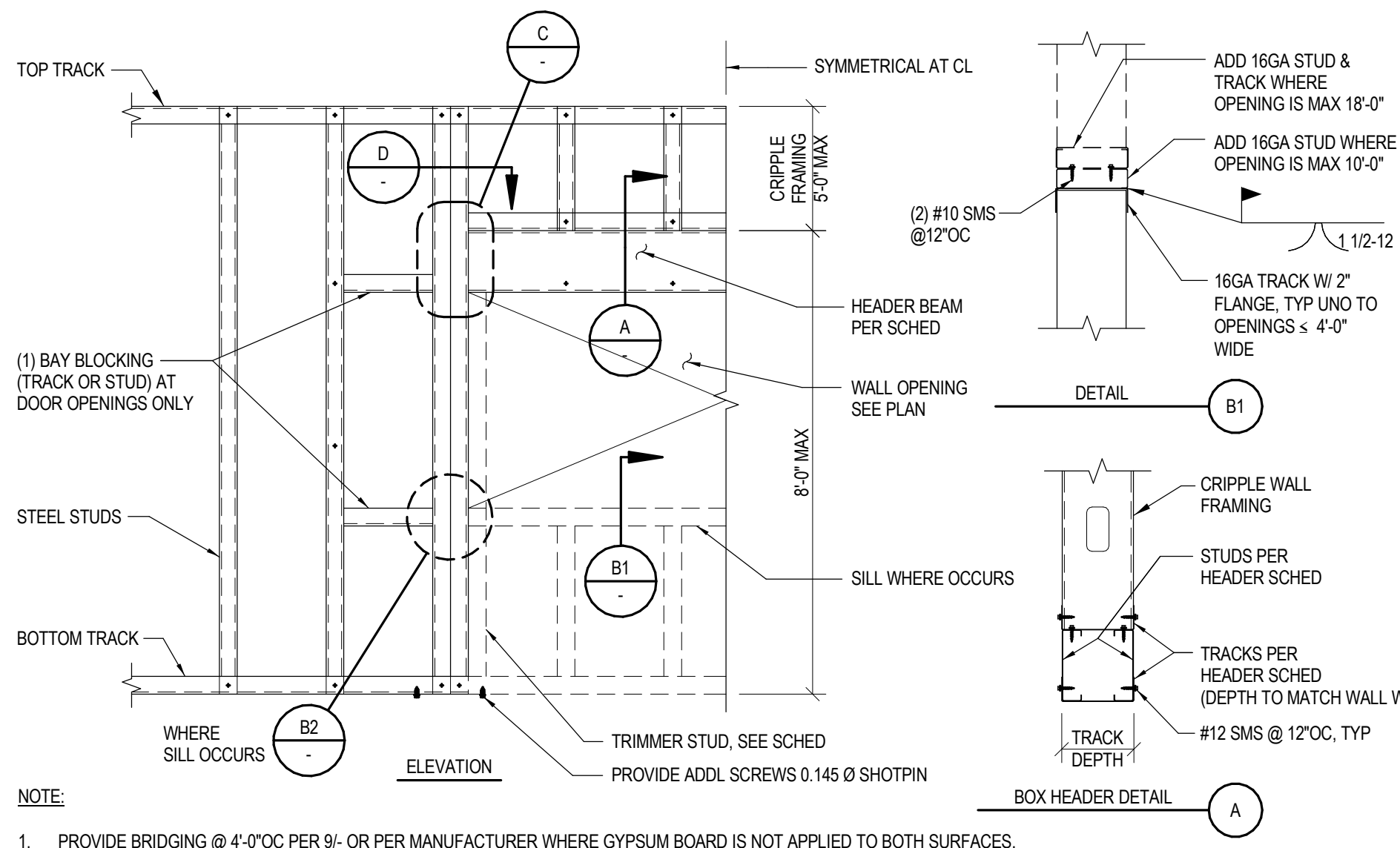
5



TYPICAL TRACK ATTACHMENT

1"=1'-0"

2



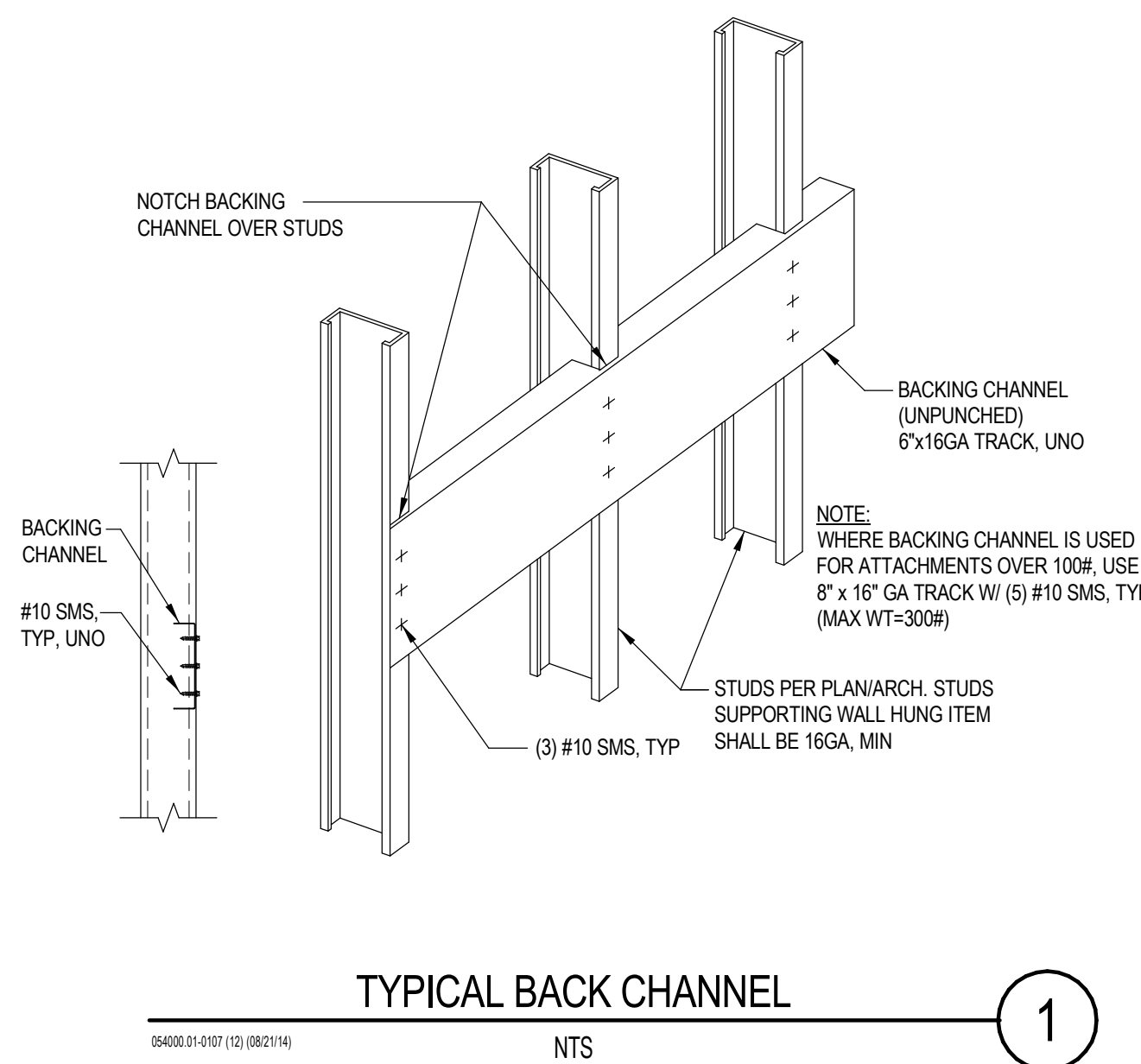
TYPICAL METAL STUD WALL FRAMING AT OPENING

1"=1'-0"

HEADER/JAMB SCHEDULE (INTERIOR OR EXTERIOR BEARING WALLS)				
	SPAN	BOX HEADER STUDS & TRACKS SEE (A)	JAMB STUDS, TRACK, AND TRIMMER, SEE (D)	
			4" WALL WIDTH	6" WALL WIDTH
HDR1	4'-0" MAX	STUDS: (2) 600S162-54 TRACKS: (2) 16GA X 1 1/2" FLANGE	STUDS: (2) 600S162-54 TRACK: 14GA X 1 1/2" FLANGE	STUDS: (2) 600S162-54 TRACK: 14GA X 1 1/2" FLANGE
HDR2	18'-0" MAX	STUDS: (2) 600S162-68 TRACKS: (2) 14GA X 2" FLANGE	STUDS: (2) 600S162-68 TRACK: 14GA X 1 1/2" FLANGE	STUDS: (2) 600S162-68 TRACK: 14GA X 1 1/2" FLANGE TRIMMER: (1) 600S162-68

* ADD WEB STIFFENER IF SUPPORTING COLUMN ABOVE

4



640031-0107 (3) (08/21/14)

NTS

1

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FL\$ SS



Roesling Nakamura
Terada Architects

285 N Ventura Ave # 102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

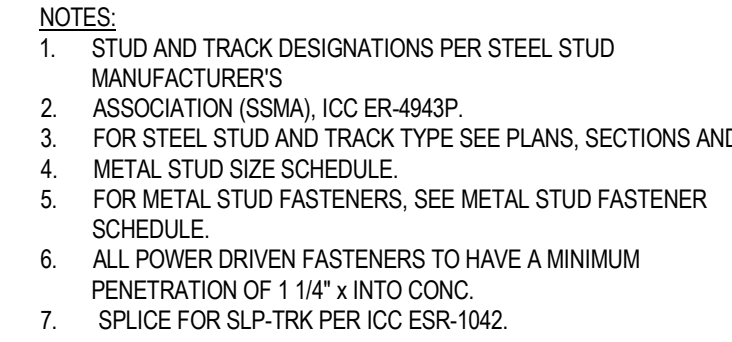
Sheet Name

TYPICAL METAL STUD DETAILS

Project No.	M1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

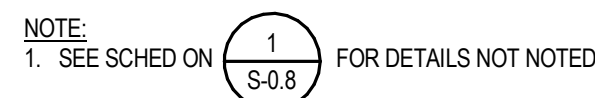
S-0.7

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.



X-DET-034 (12)

1"=1'-0"


$$3/4'' = 1' - 0$$

2

NOTES:

1. BLOCK ALL PANEL EDGES WITH SECTIONS MATCHING WALL STUDS. SEE PLAN NOTES FOR SIZE.	5. STUDS SHALL BE 54 MIL (16 GAGE) THICK.
2. MINIMUM SHEAR WALL LENGTH = 4'-0".	6. DOUBLE STUDS AT END POSTS SHALL BE 68 MIL (14 GAGE) THICK.
3. PROVIDE AT LEAST TWO SILL ANCHORS PER PIECE, AND WITHIN 8" FROM ENDS.	7. SEE S-4.0 & S-4.1 FOR SHEAR WALL ELEVATION.
4. SEE PLAN FOR LOCATION AND LENGTH OF WALLS AND HOLDOWNS.	8. BLKG TO TOP TRACK CONN TO MATCH MLT DECK END CONN TYPE & SPACING, MIN. SEE 7/5-0.

N.T.S.

1



285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Sheet Name

TYPICAL METAL STUD DETAILS

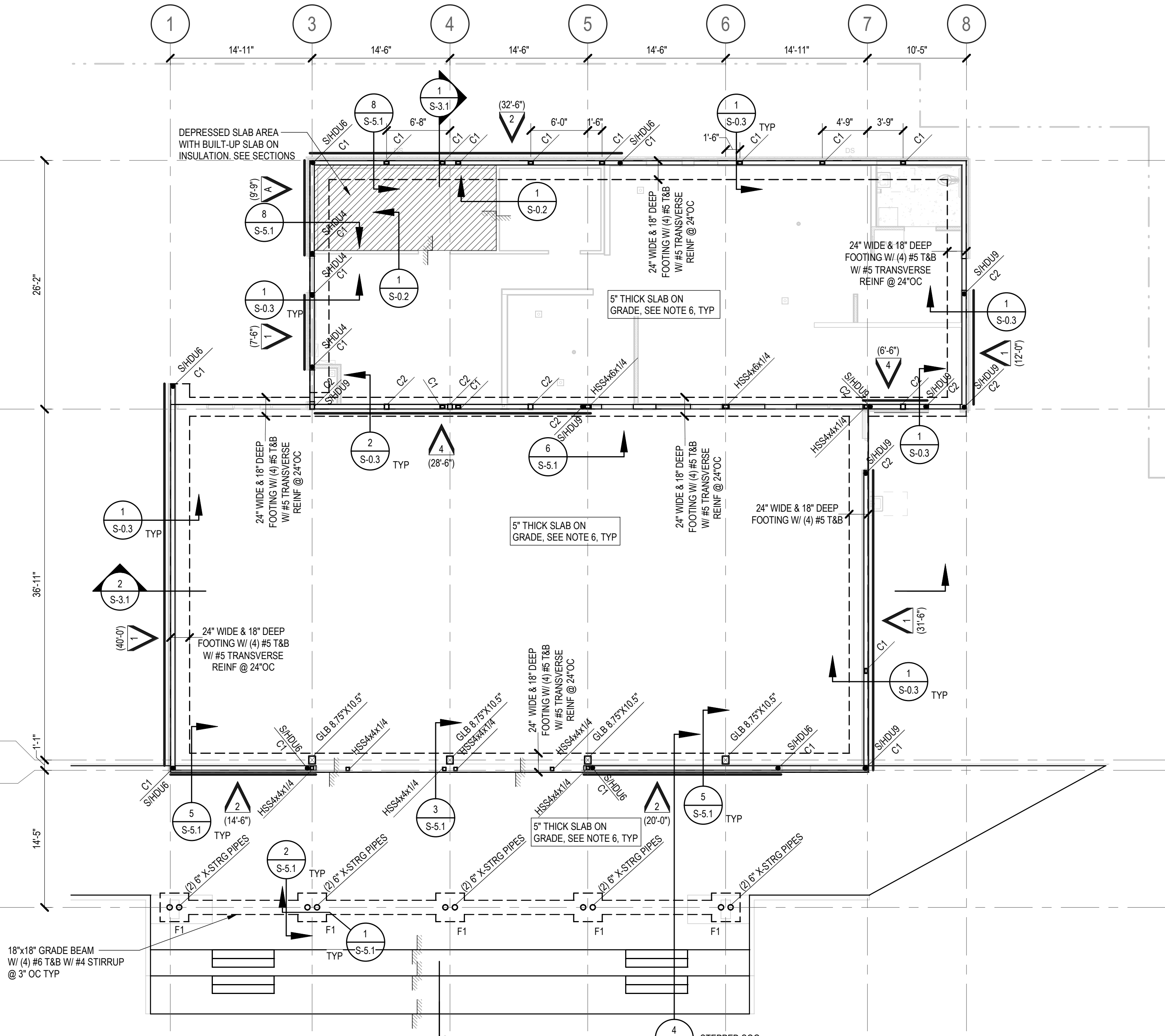
Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-0.8

WOOD		
CHAPTER 23		
1. MATERIALS		
• LUMBER AND PLYWOOD		2303.1
• GLUED LAMINATED MEMBERS		2303.1.3
2. INSPECTION		
• GLUED LAMINATED FABRICATION		1705A.5.4; 2303.1.3
• TIMBER CONNECTORS		1705A.5.6
• MANUFACTURED TRUSSES		1705A.5.2; 1705A.5.3; 2303.4.7

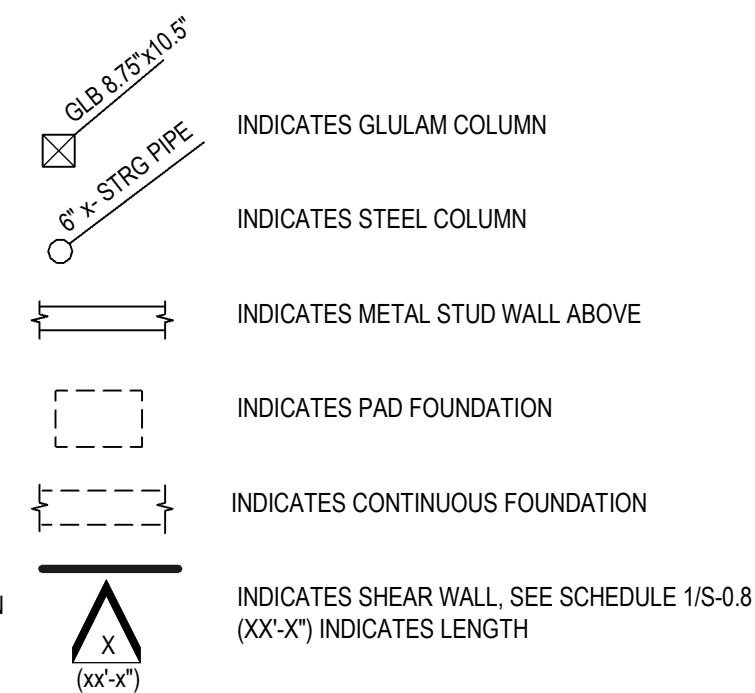
2. INSPECTION <ul style="list-style-type: none"> WELDING 	2003.1
MASONRY	
CHAPTER 21A	
1. MATERIALS	
<ul style="list-style-type: none"> MASONRY UNITS 	2103A.1
<ul style="list-style-type: none"> PORTLAND CEMENT, LIME 	2103A
<ul style="list-style-type: none"> MORTAR AND GROUT AGGREGATES 	2103A.2 ; 2103A.3
<ul style="list-style-type: none"> REINFORCING BARS 	2103A.4
2. QUALITY	
<ul style="list-style-type: none"> PORTLAND CEMENT TESTS 	1910A.1
<ul style="list-style-type: none"> MORTAR AND GROUT TESTS 	2105A.3
<ul style="list-style-type: none"> MASONRY PRISM TESTS 	2105A.2
<ul style="list-style-type: none"> MASONRY CORE TESTS 	2105A.4
<ul style="list-style-type: none"> MASONRY UNIT TESTS 	2105A.2; 2105A.3; 1705A.4
<ul style="list-style-type: none"> REINFORCING BAR TESTS 	1910A.2
3. INSPECTION	
<ul style="list-style-type: none"> REINFORCED MASONRY 	1705A.4
<ul style="list-style-type: none"> REINFORCED BAR WELDING 	1903A.8; 1705A.3.1; Table 1705A.3, Item 2; Table 1705A.2.1, Item 5b
<ul style="list-style-type: none"> POST-INSTALLED ANCHORS IN MASONRY 	1705A.4; 1910A.5; 1616A.1.19; Table 1705A.3, Items 4a & 4b
STEEL	
CHAPTER 22A	
1. MATERIALS	
<ul style="list-style-type: none"> STRUCTURAL STEEL 	2205A.1
<ul style="list-style-type: none"> COLD FORMED STEEL 	2210A.1
<ul style="list-style-type: none"> IDENTIFICATION 	2203A.1
2. QUALITY	
<ul style="list-style-type: none"> TESTS OF STRUCTURAL AND COLD FORMED STEEL 	2211A.1
<ul style="list-style-type: none"> TESTS OF HIGH STRENGTH BOLTS, NUTS WASHERS 	2213A.1
<ul style="list-style-type: none"> TESTS OF END WELDED STUDS 	2213A.2
<ul style="list-style-type: none"> STEEL JOISTS 	2207A; 1705A.2.3.1
<ul style="list-style-type: none"> NON-DESTRUCTIVE WELD TESTS 	1705A.2.1
3. INSPECTION	
<ul style="list-style-type: none"> SHOP FABRICATION 	1704A.2.5; 1705A.2

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.



1. FOR GENERAL NOTES AND TYPICAL SYMBOL DESCRIPTIONS, SEE S-0.0 THRU S-0.1.
2. FOR TYPICAL DETAILS SEE S-0.2 THRU S-0.8 SHEETS. DETAILS AND SCHEDULES INDICATED AS "TYPICAL" MUST BE SPECIFICALLY REFERENCED ON THE DRAWING CONTRACTOR TO DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES BEFORE PROCEEDING WITH WORK.
3. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL, MEP, LANDSCAPE, CIVIL DRAWINGS PRIOR TO START OF WORK.
4. SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, RAMP, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATIONS OF WALL OPENING, EOG DIMENSIONS ETC, NOT INDICATED ON STRUCTURAL DRAWINGS.
5. ALL NEW FOOTING SHALL BE FOUND ON NATURAL FILL OR RECOMPACTED FILL, SEE GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION.
6. SLAB ON GRADE SHALL BE 5" THICK WITH #4 @ 16"OC EA WAY DRAWN ON SLAB, OVER 15 MIL (MIN) VAPOR BARRIER, OVER 4" CRUSHED ROCK FILL.
7. ALL EXTERIOR AND INTERIOR BEARING STUDS SHALL BE 600S162-54 @ 16"OC, UNO.
8. COLD-FORMED STEEL WEB HOLES SHOULD NOT BE SPACED CLOSER THAN 2X1" ON CENTER OR LOCATED CLOSER THAN 1'0" FROM A BEARING CONDITION. THE SIZE OF A WEB HOLE SHOULD TYPICALLY NOT BE LARGER THAN ONE HALF THE WEB DEPTH, OR 2-1/2" MAXIMUM IN THE WEB DIRECTION AND NOT MORE THAN 4-1/2" LONG IN THE MEMBER DIRECTION. WEB HOLES VIOLATING THESE DIMENSIONS SHOULD BE REINFORCED OR PATCHED IN ACCORDANCE WITH AN APPROVED DESIGN OR A RECOGNIZED DESIGN STANDARD, UNLESS APPROVED BY THE DESIGN PROFESSIONAL.

LEGEND:



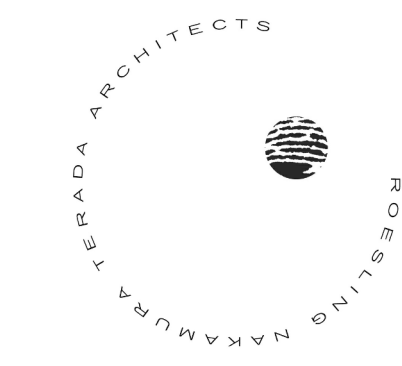
BOX COLUMN SCHEDULE		
MARK	STUDS AND TRUCKS	REMARKS
C1	(2) 600 S162-68 (50 KSI)	SEE DETAIL 1/S-5.2
C2	(2) 600 S162-68 (50 KSI) & (2) 600 T162-54	SEE DETAIL 1/S-5.2

FOOTING SCHEDULE	
F1	3'-0"x3'-0"x18" W/ (4) #5 BOTTOM, EW

STEEL BASE PLATE SCHEDULE		
COL SIZE	BASE PLATE	ANCHOR BOLTS
HSS4x4x1/4	6x12x5/8	(2)-1" DIA ANCHOR RODS
HSS4x6x1/4	6x14x5/8	(2)-1" DIA ANCHOR RODS
V 6" X-STRG PIPE	12x24x3/4	(4)-1" DIA ANCHOR RODS

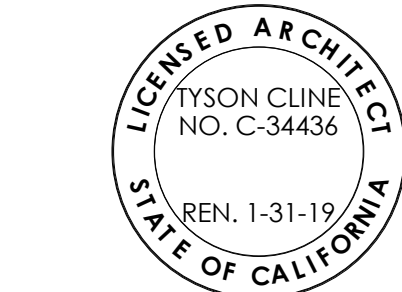
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

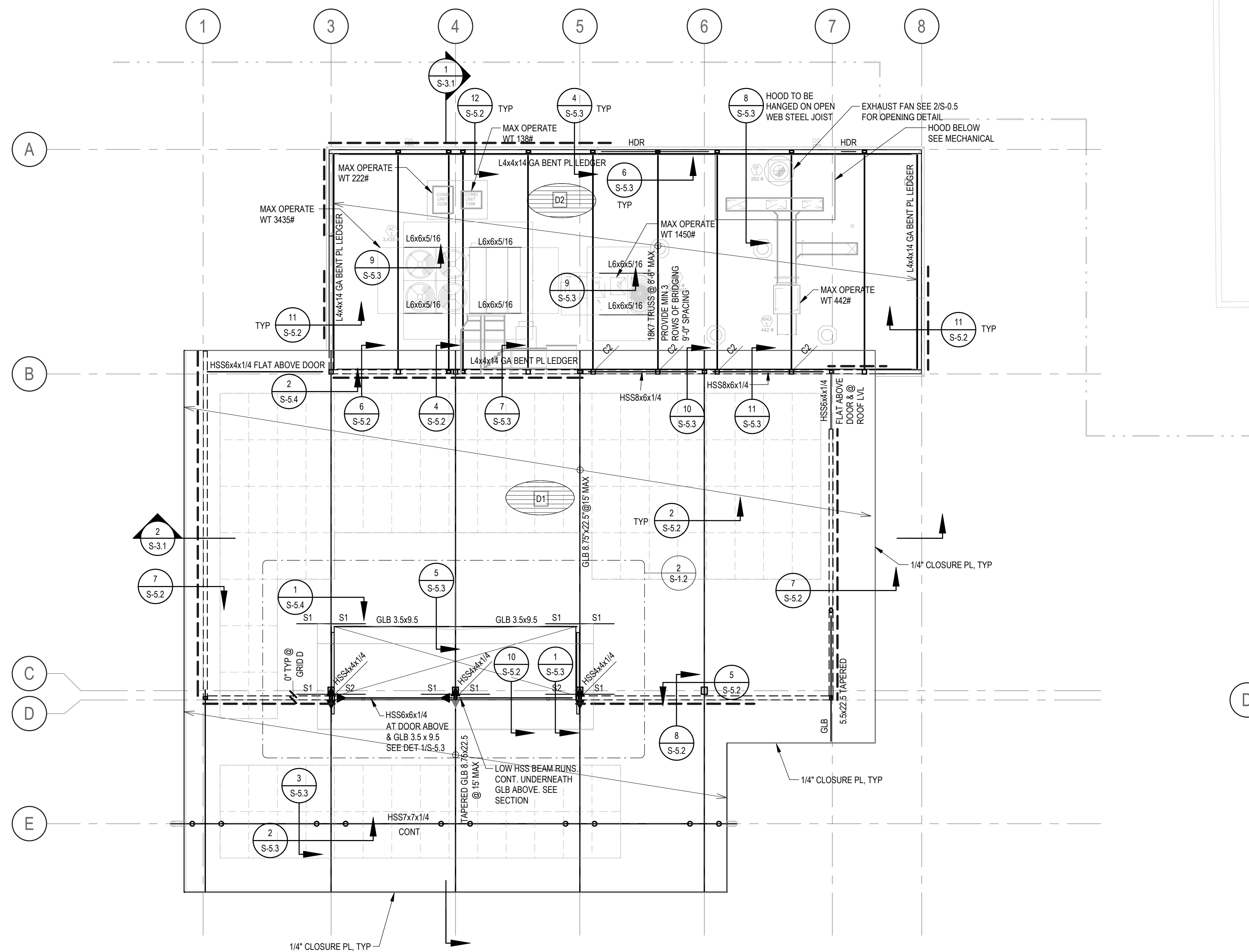
Sheet Name

FOUNDATION PLAN

Project No.	MI1802096.00
Date	26-10-18
Drawn by	TPB
Checked by	--
Sheet Number	

S-1.1

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or

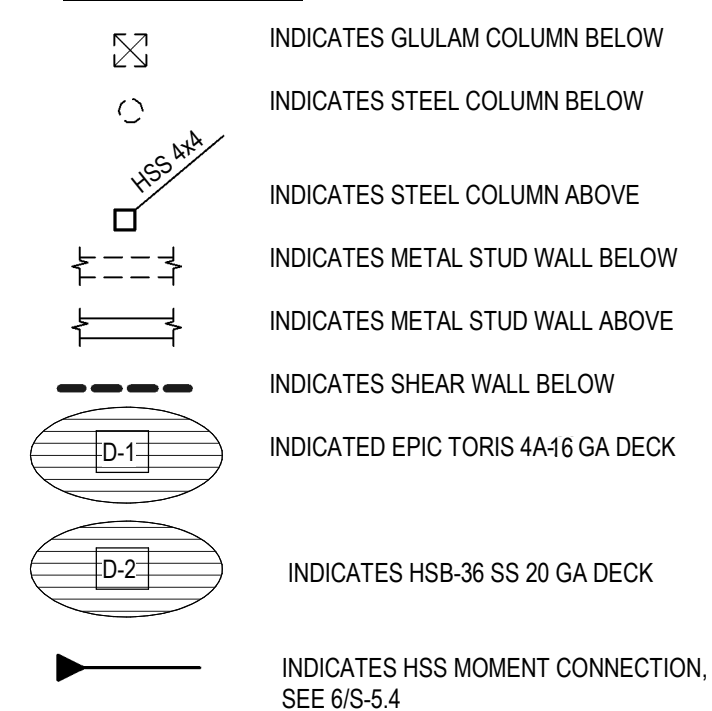


1 ROOF FRAMING PLAN
1/8" = 1'-0"

NOTES:

1. FOR GENERAL NOTES AND TYPICAL SYMBOL DESCRIPTIONS, SEE S-0.1 THRU S-0.3.
2. FOR TYPICAL DETAILS SEE S-0.4 THROUGH S-0.7 SHEETS. DETAILS AND SCHEDULES INDICATED AS "TYPICAL" MAY NOT BE SPECIFICALLY REFERENCED ON THE DRAWINGS. CONTRACTOR TO DETERMINE WHERE EACH TYPICAL DETAIL OR SCHEDULE APPLIES BEFORE PROCEEDING WITH WORK.
3. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL, MEP, LANDSCAPE, CIVIL DRAWINGS PRIOR TO START OF WORK.
4. SEE ARCHITECTURAL DRAWINGS FOR CONCRETE SLAB ELEVATIONS, DEPRESSIONS, SLOPES, RAMP, OPENINGS, CURBS, DRAINS, TRENCHES, SLAB EDGE LOCATIONS, ETC. AND FOR WALL OVERALL DIMENSIONS, LOCATIONS OF WALL OPENING, EOD DIMENSIONS ETC, NOT INDICATED ON STRUCTURAL DRAWINGS
5. TOP OR ROOF ELEVATION VIEWS, SEE ARCHITECTURAL
6. FOR HEADER, SEE DETAIL 4/S-0.7. ADD WEB STIFFENER IF POINT LOAD APPLIES.

LEGEND:



CEILING JOIST SCHEDULE

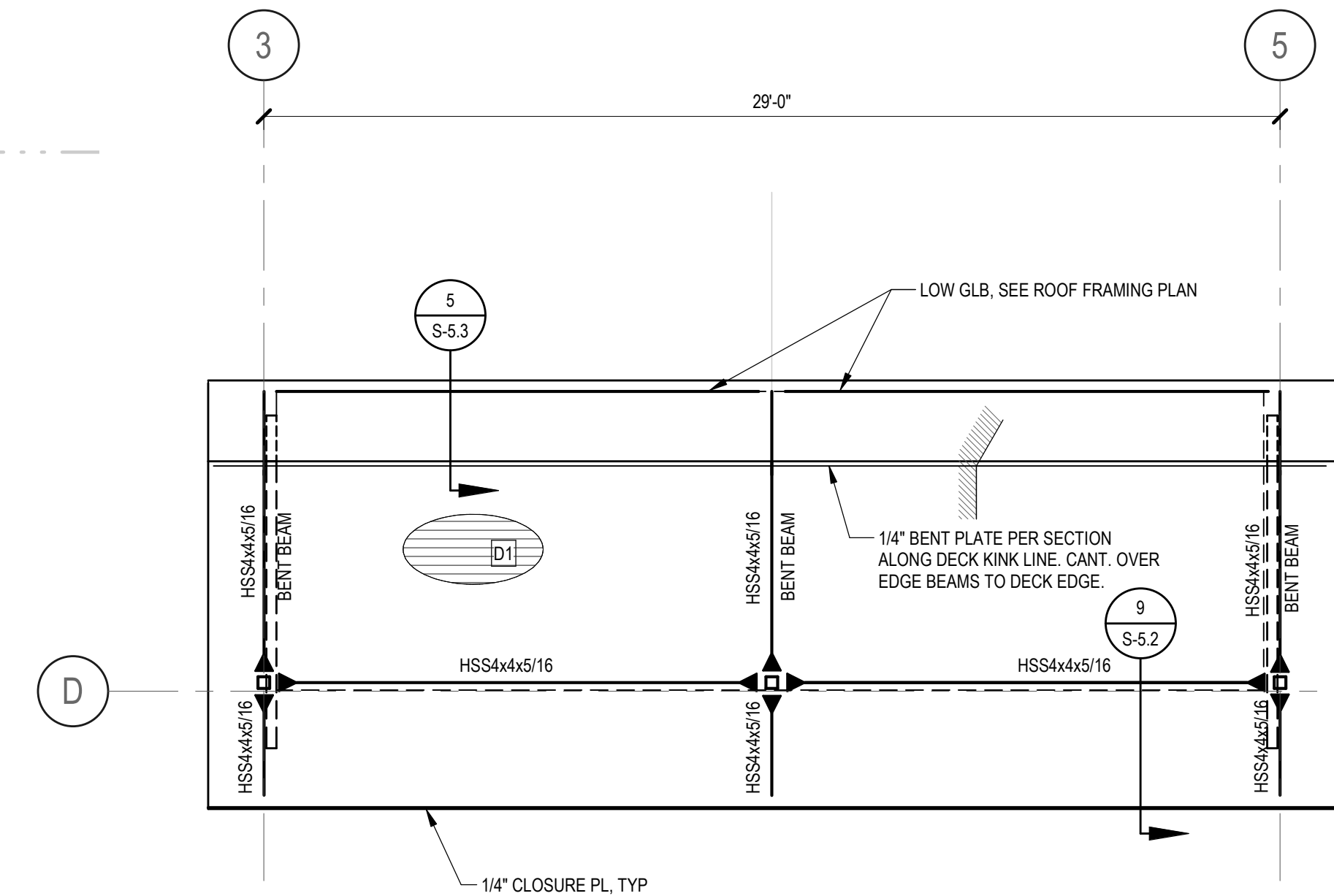
MARK	MAX SPAN
362 S125-43 @ 16" OC	7'-6"
250 S125-43 @ 16" OC	3'-0"

STRAP SCHEDULE

S1	CMST12 x 4'-0" W/ (52) #10 SMS
S2	1/4"x3.5"x3'-0" LONG STL PL W/ (12) 1/2" LAG SCREW

BOX COLUMN SCHEDULE

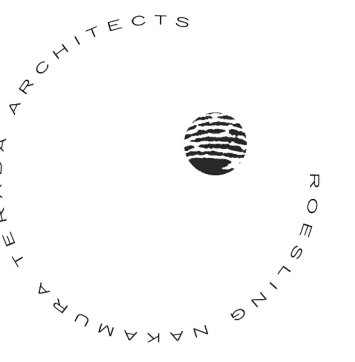
MARK	STUDS AND TRUCKS	REMARKS
C1	(2) 600 S162-68 (50 KSI)	SEE DETAIL 1/S-5.2
C2	(2) 600 S162-68 (50 KSI) & (2) 600 T162-54	SEE DETAIL 1/S-5.2



2 HIGH ROOF FRAMING PLAN

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

C_____FLS_____SS_____



**Roesling Nakamura
Herada Architects**
85 N Ventura Ave #102
Ventura, CA 93001
805.626.5330
805.626.5350
www.RNTArchitects.com



COJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS[illegible]

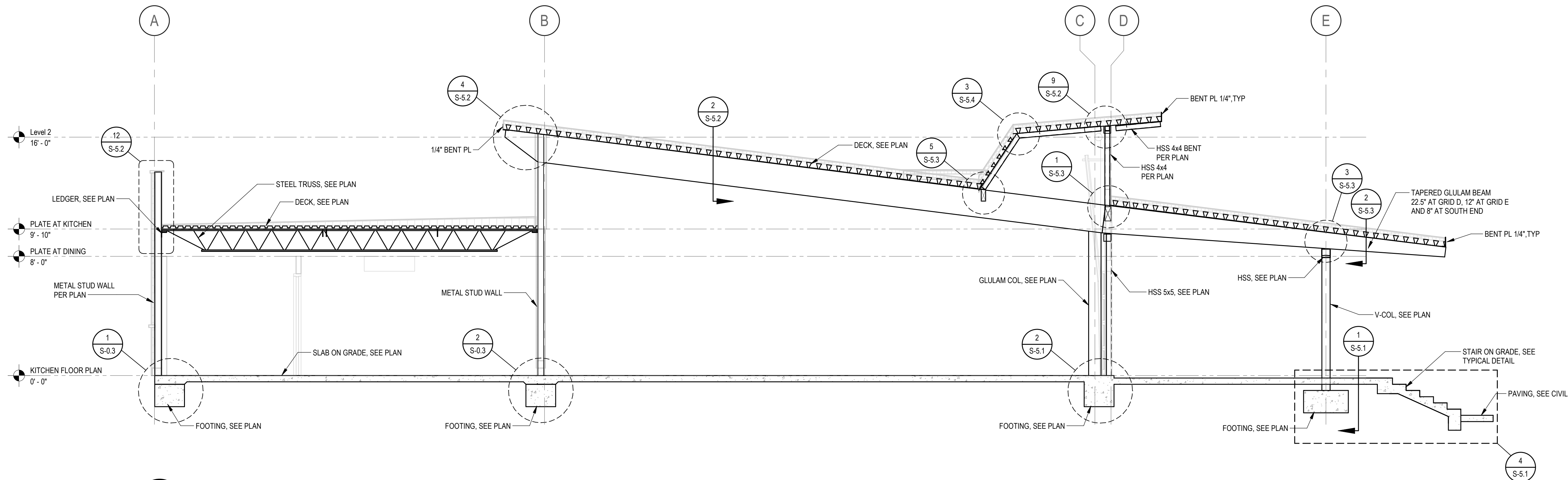
Sheet Name

ROOF PLAN

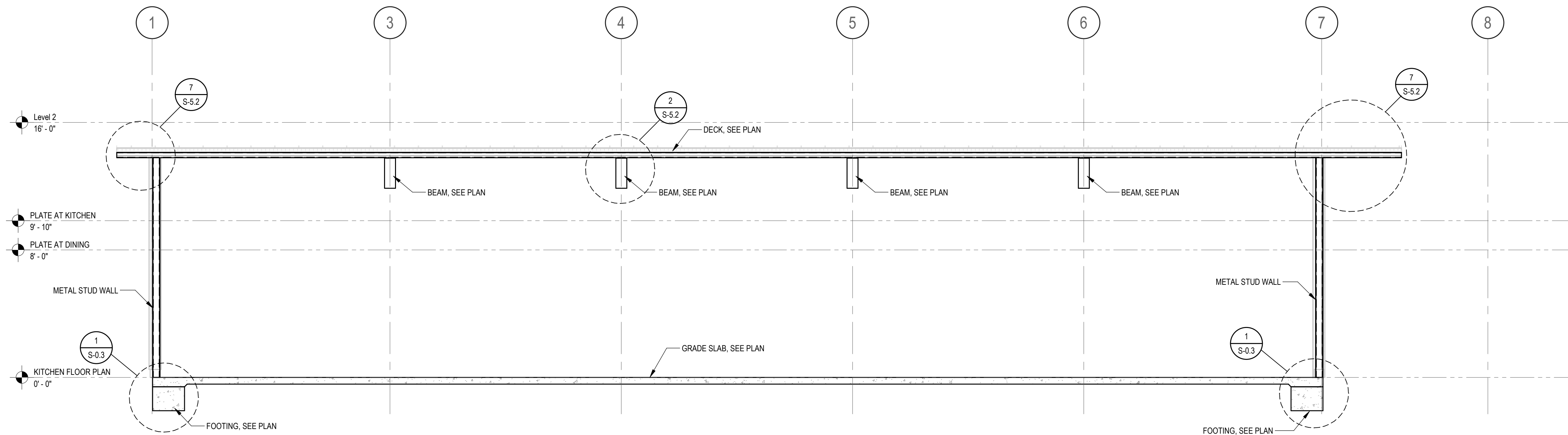
Project No.	MI1802096.00
Date	26-10-18
Drawn by	TPB
Checked by	--
Sheet Number	

S-1.2

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 SECTION
1/4" = 1'-0"



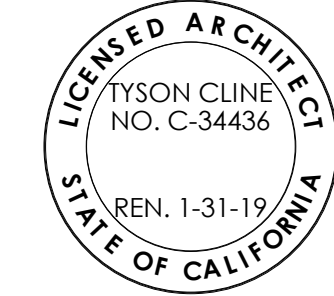
2 SECTION
1/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FL SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

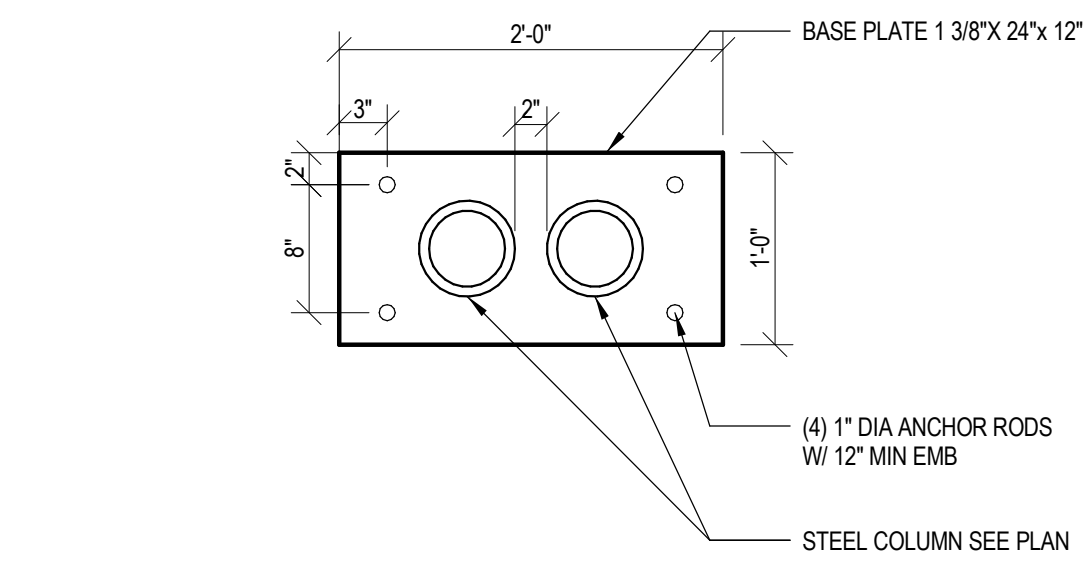
Sheet Name

SECTION

Project No.	MI1802096.00
Date	26-10-18
Drawn by	TPB
Checked by	--
Sheet Number	

S-3.1

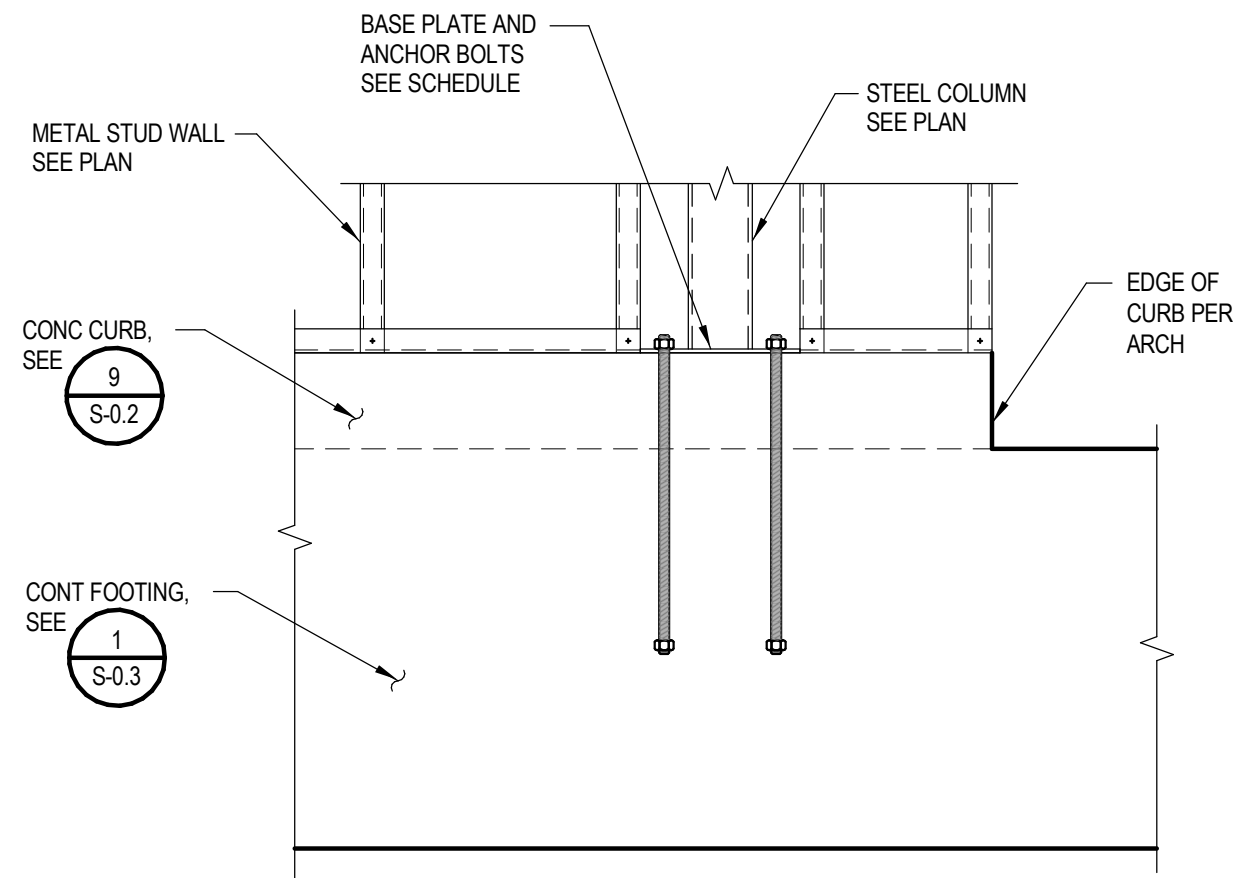
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



V SHAPE COLUMN BASE PLATE DETAIL

1"=1'-0"

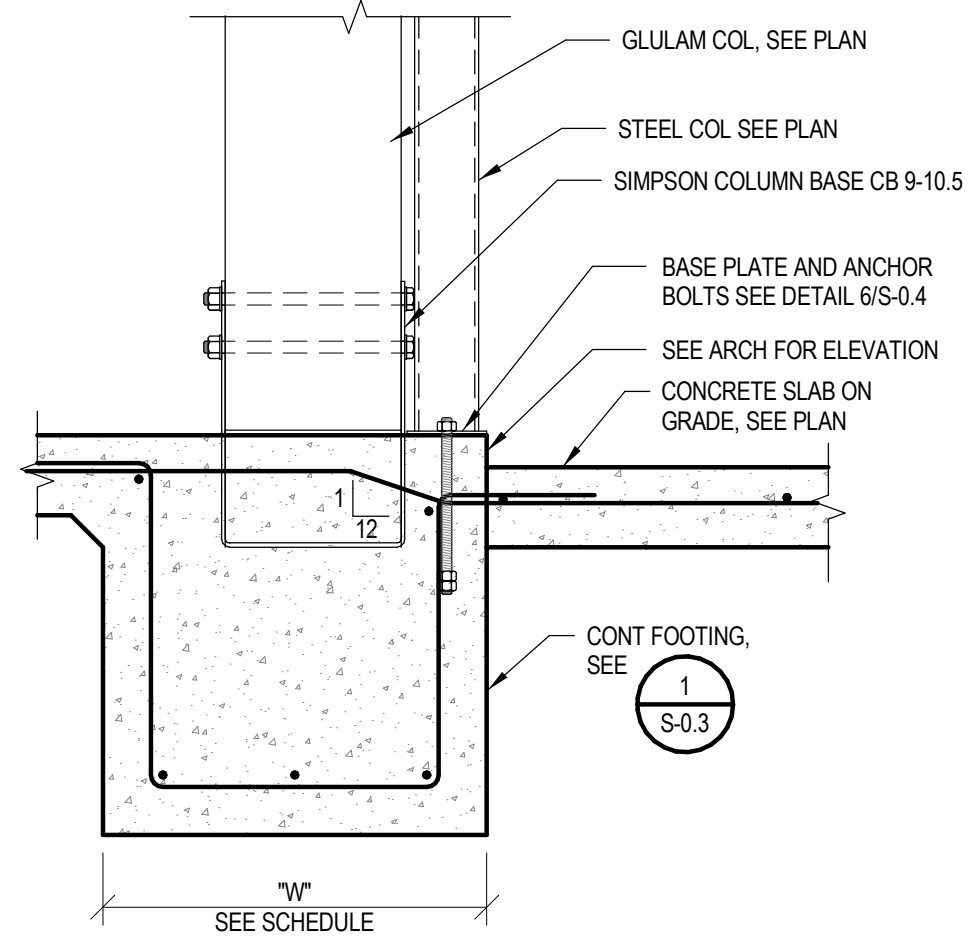
9



DETAIL

1"=1'-0"

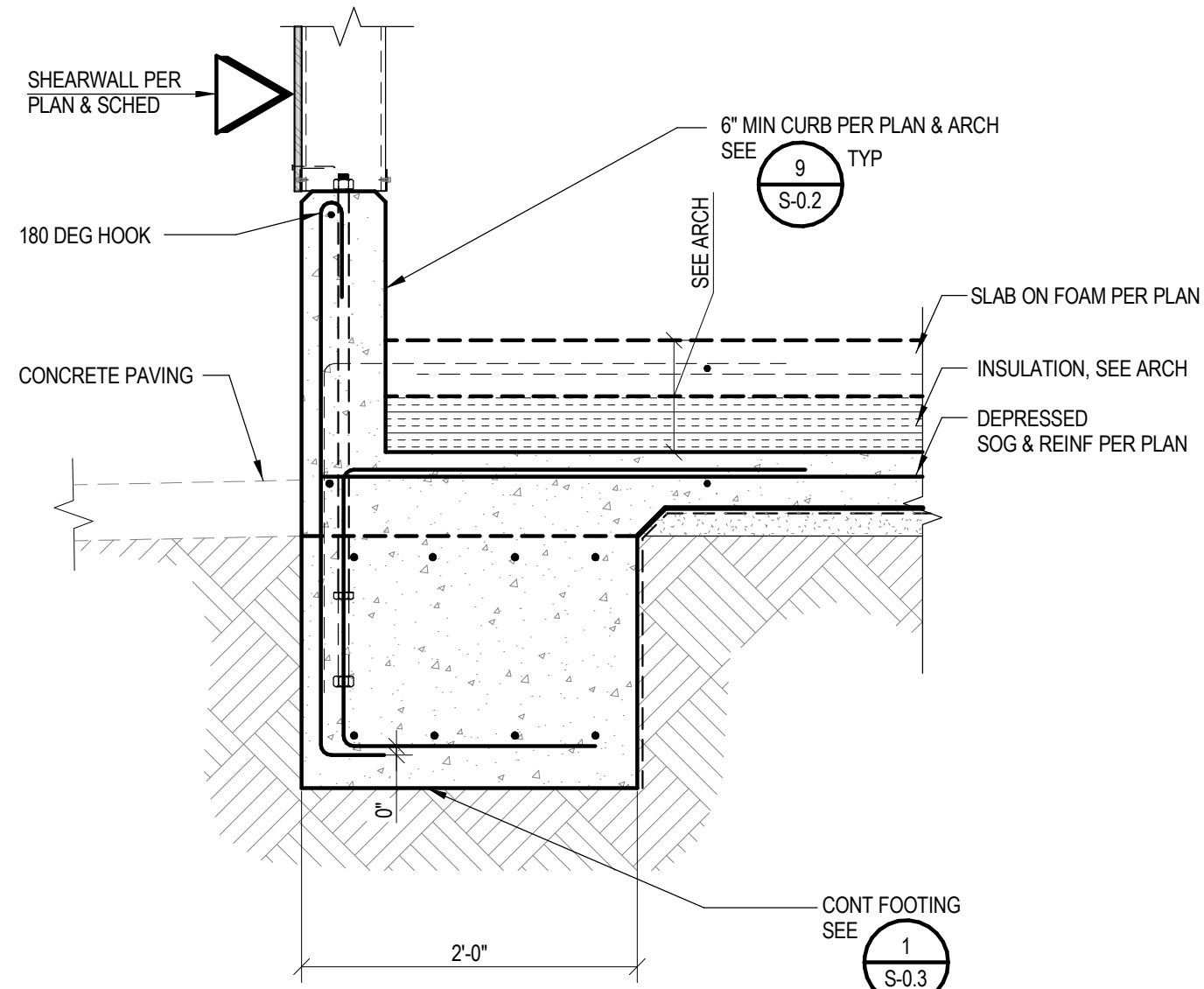
6



GLULAM COL BASE DETAIL

1"=1'-0"

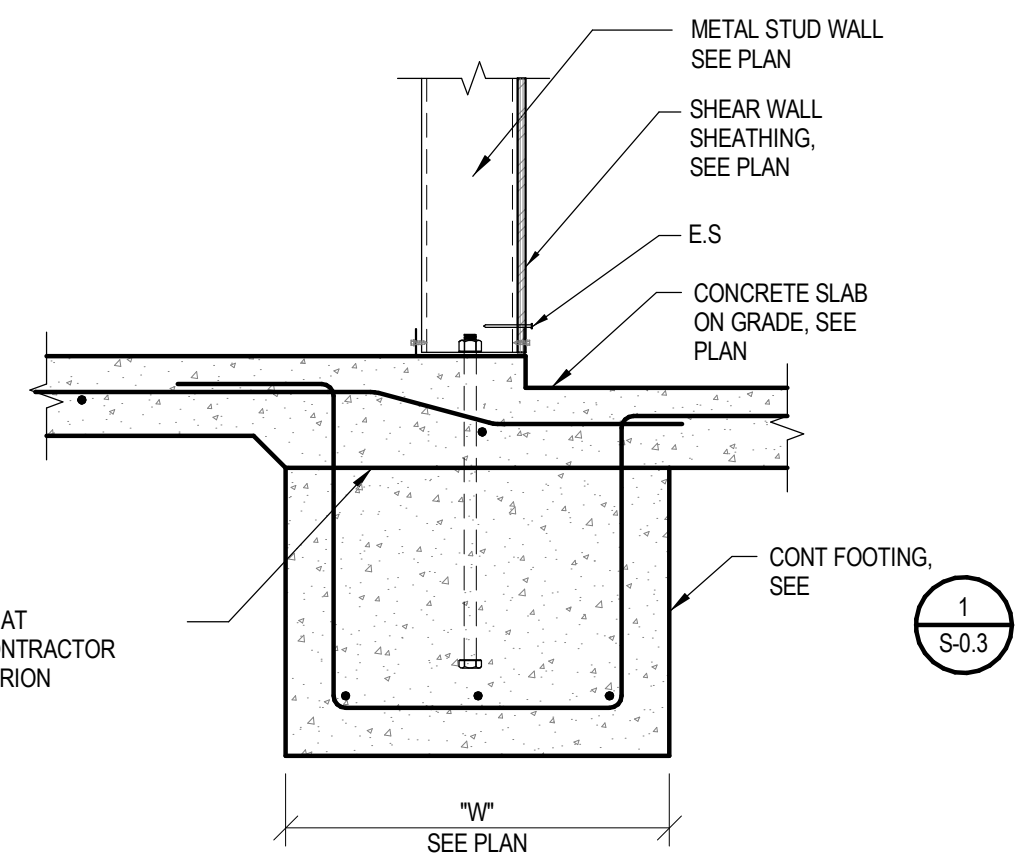
3



WALK IN FREEZER DEPRESSED SLAB DETAIL

1"=1'-0"

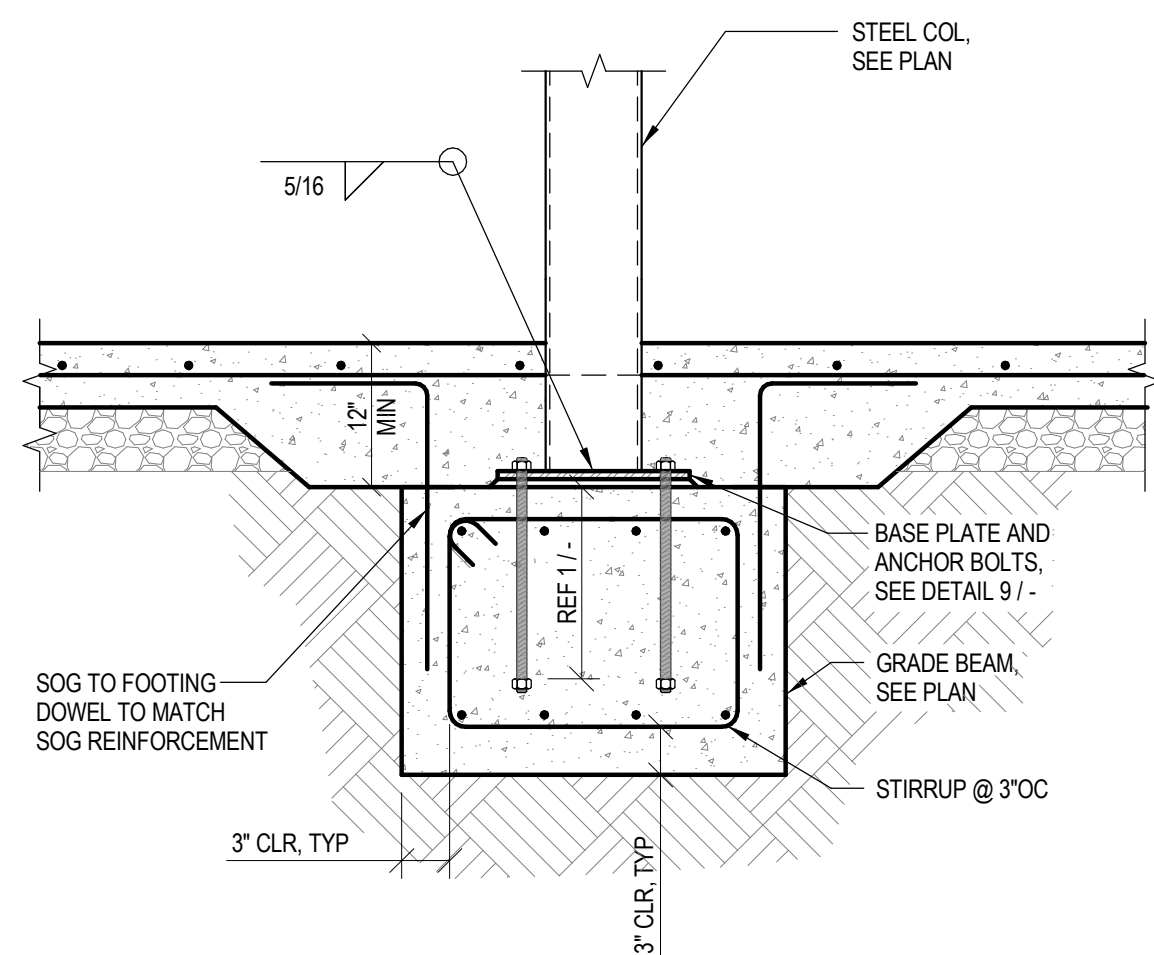
8



DETAIL

1"=1'-0"

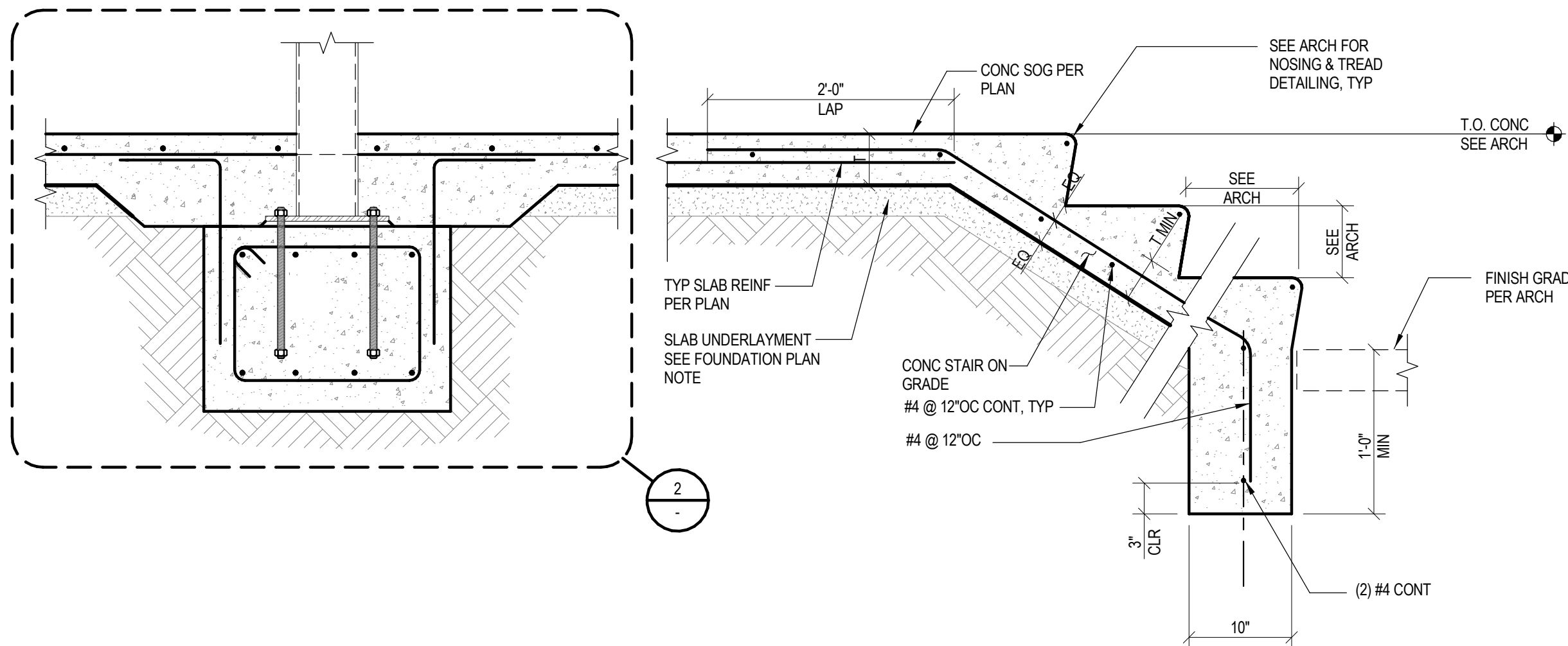
5



GRADE BEAM SECTION DETAIL

1"=1'-0"

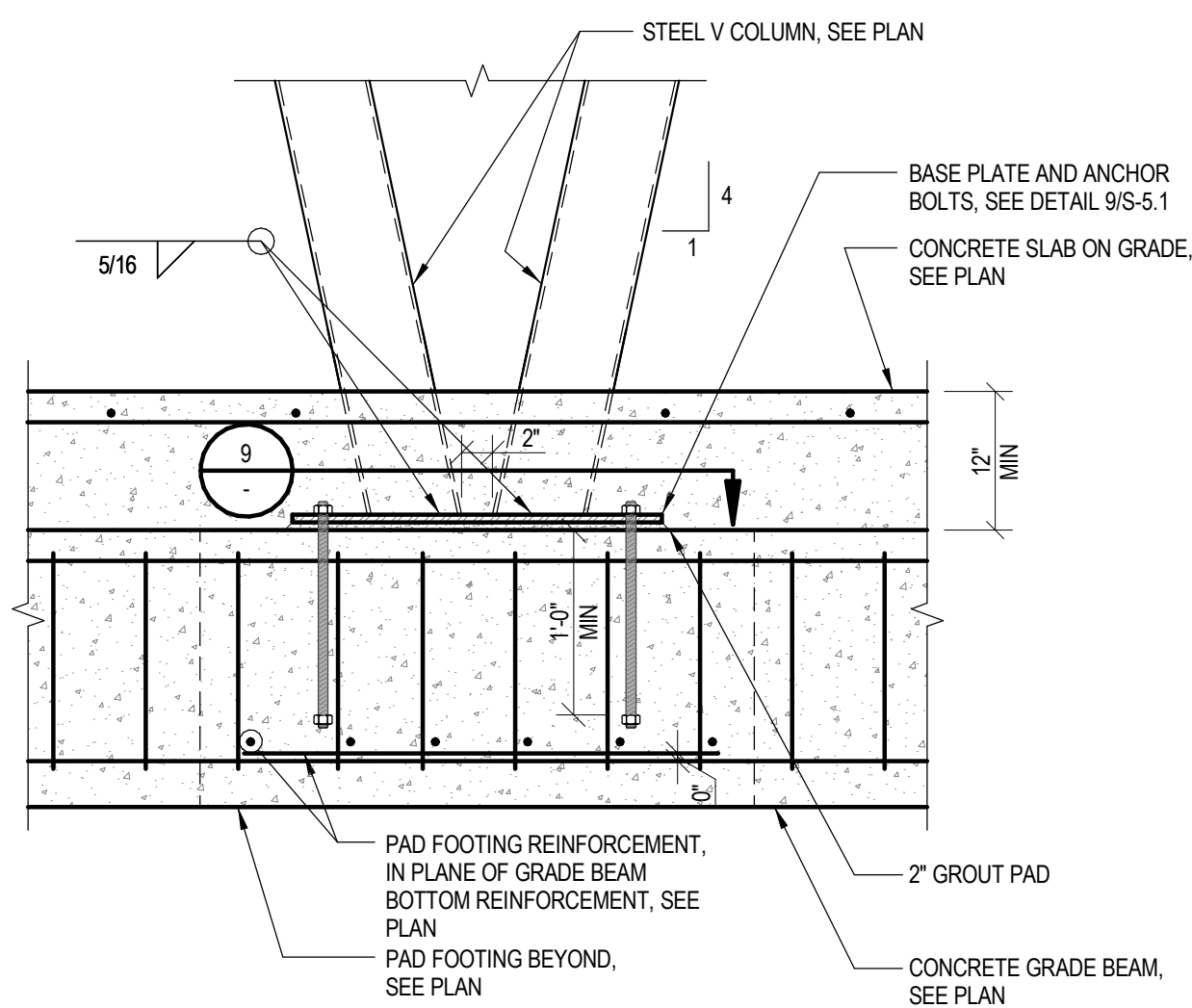
2



DETAIL

NTS

4



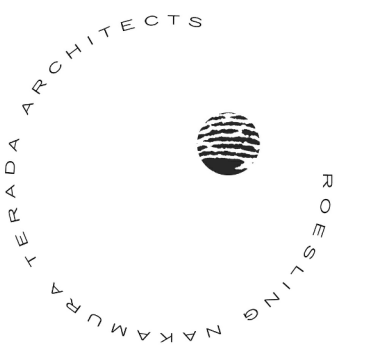
GRADE BEAM SECTION DETAIL

1"=1'-0"

1

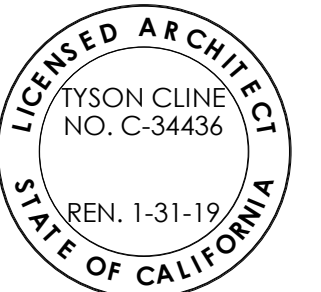
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FL \$ _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

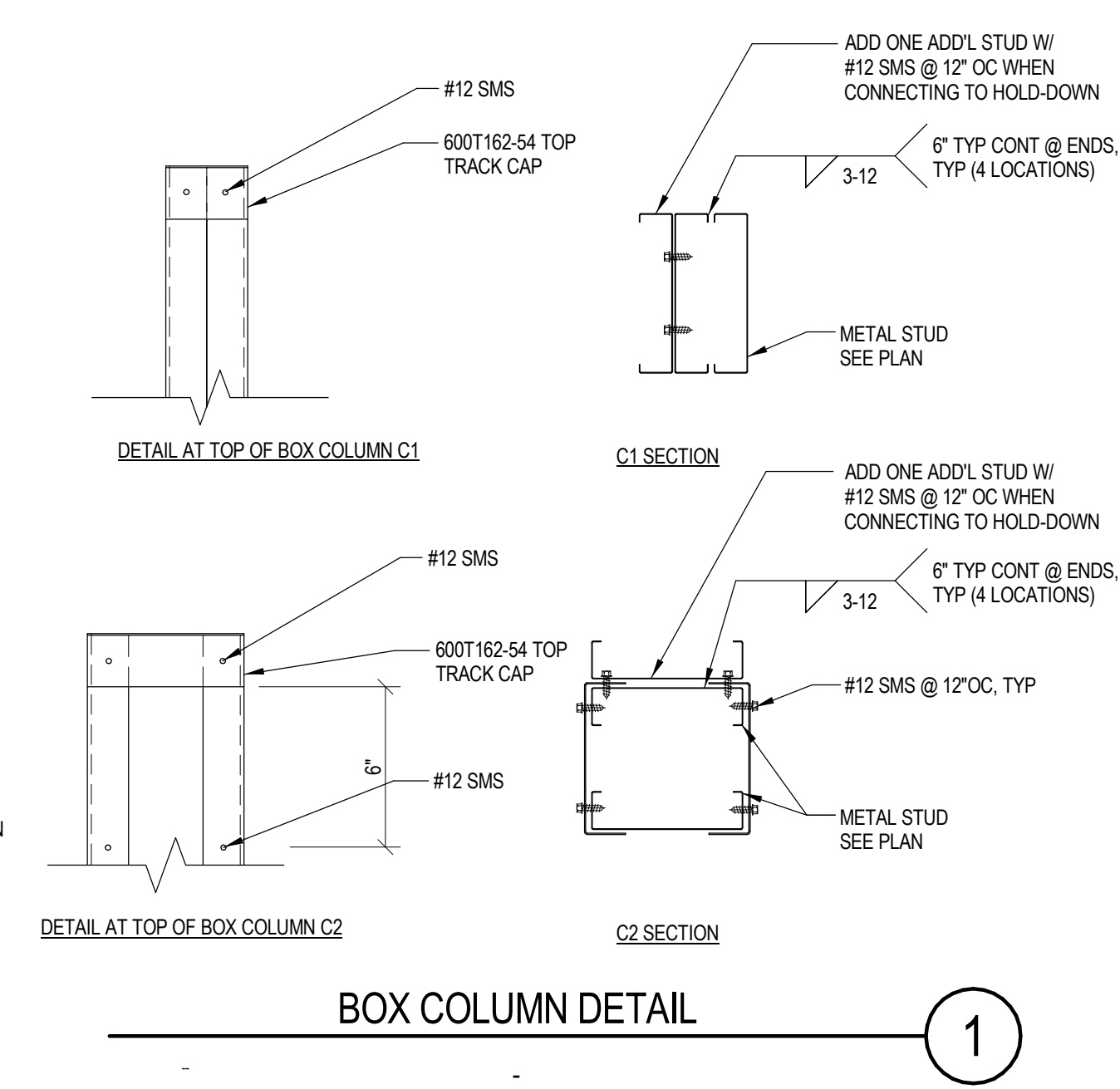
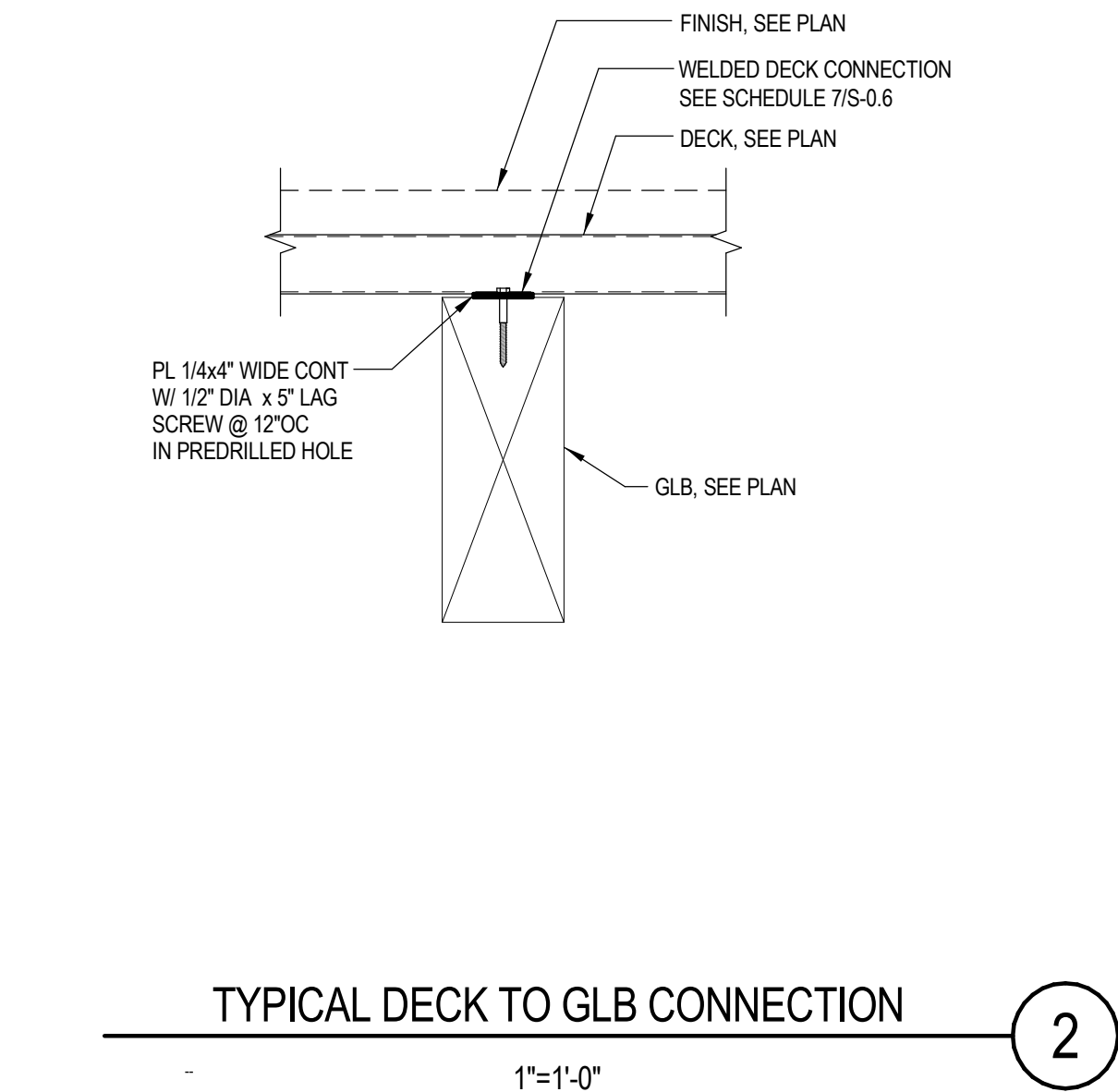
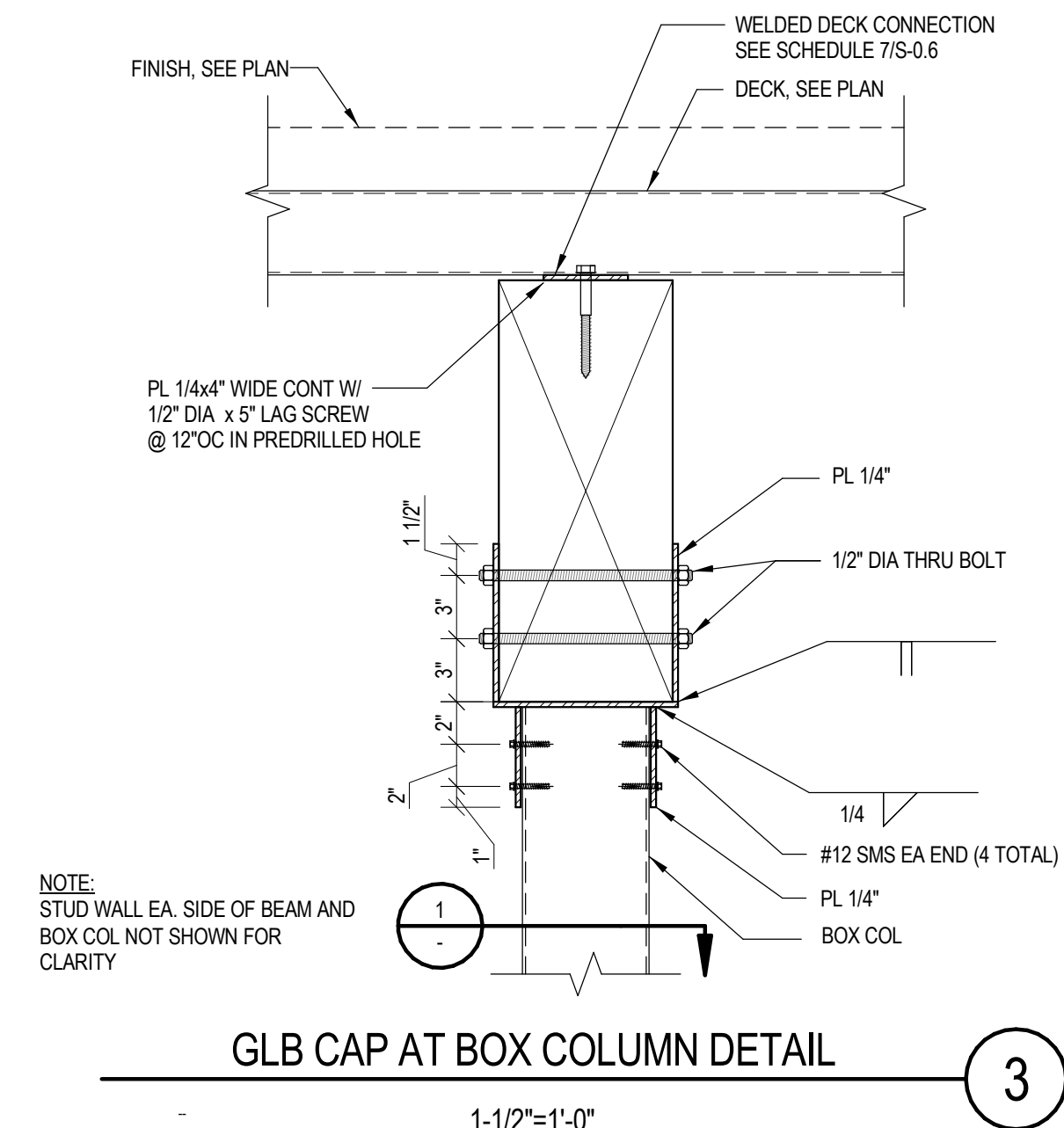
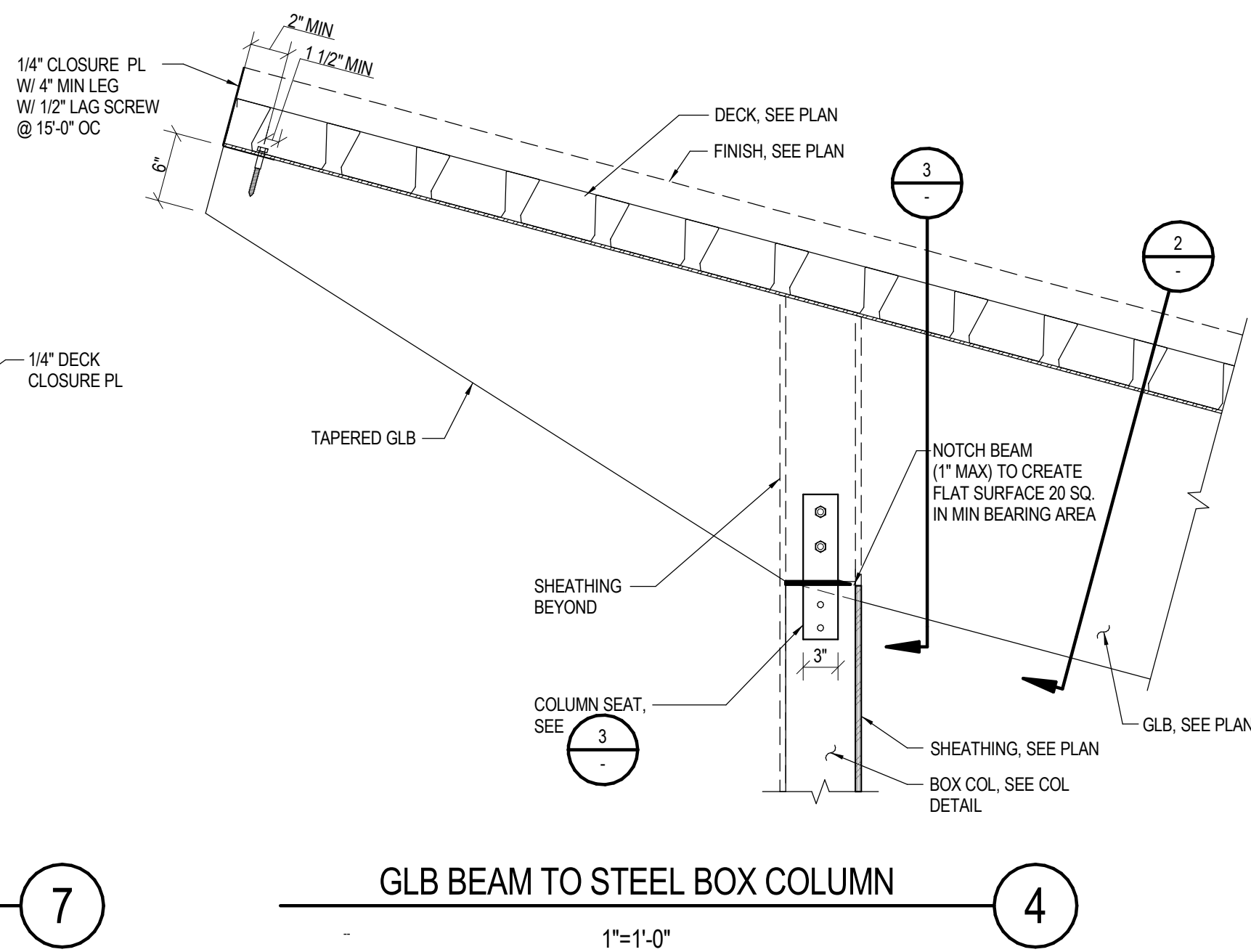
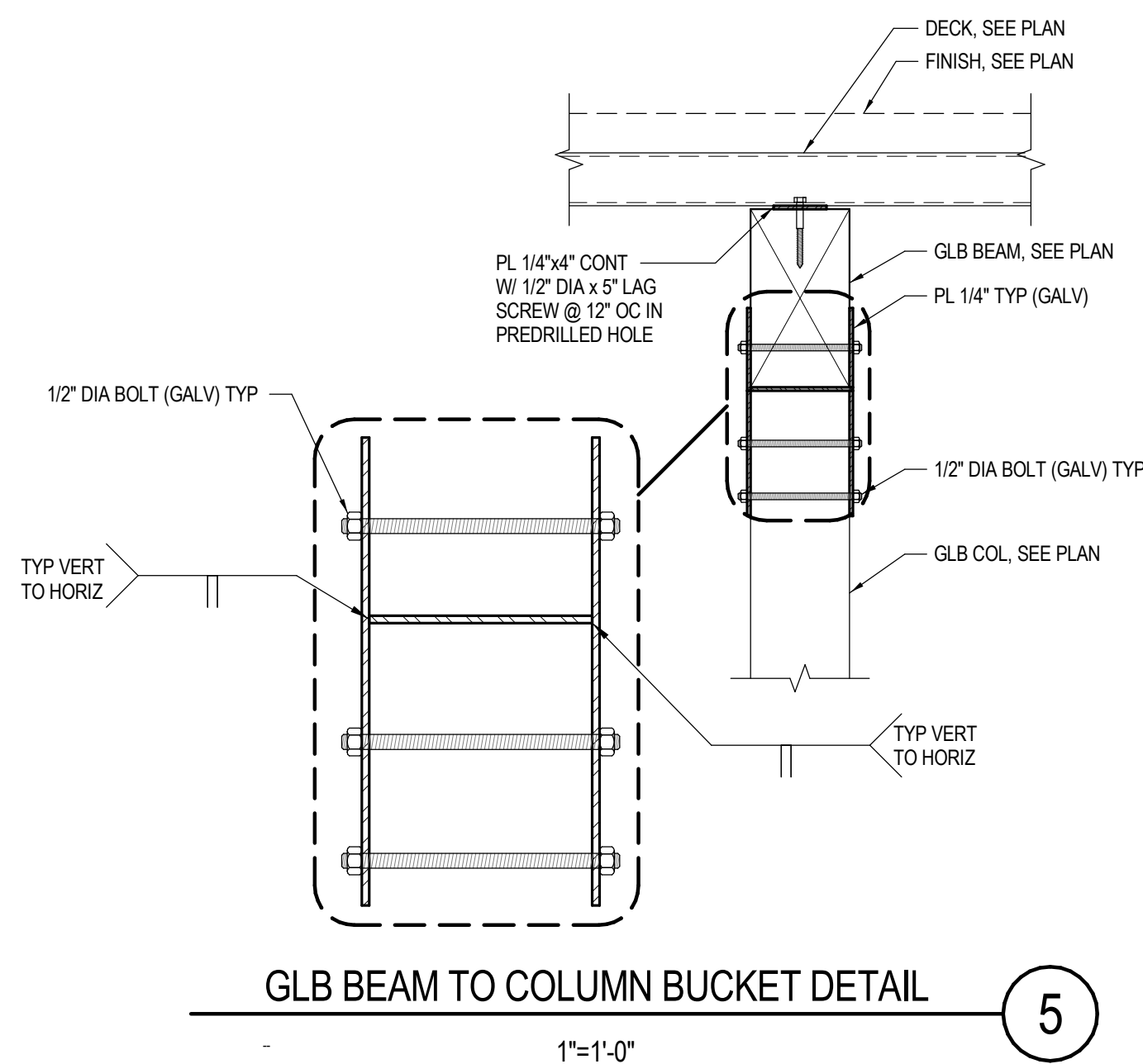
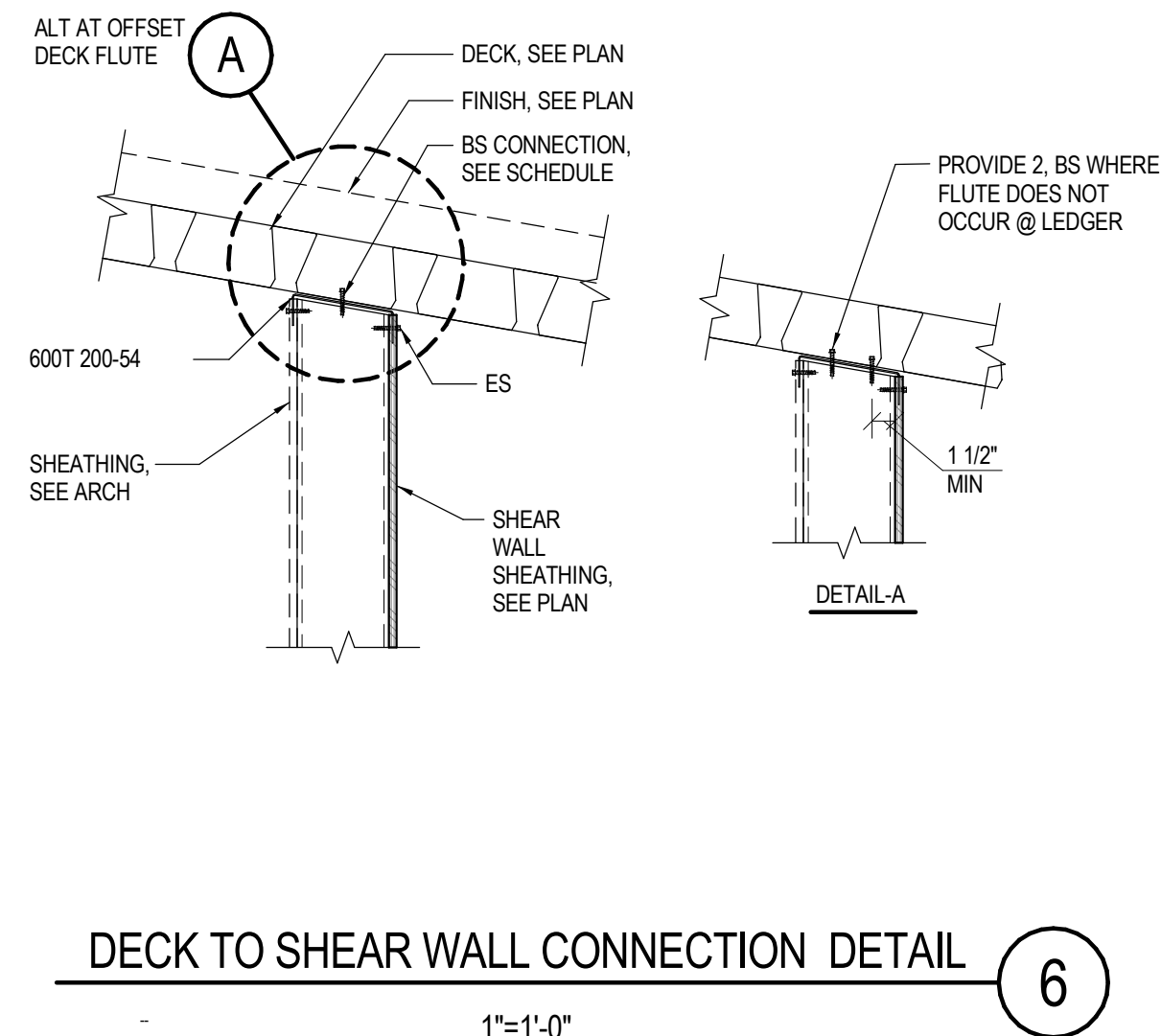
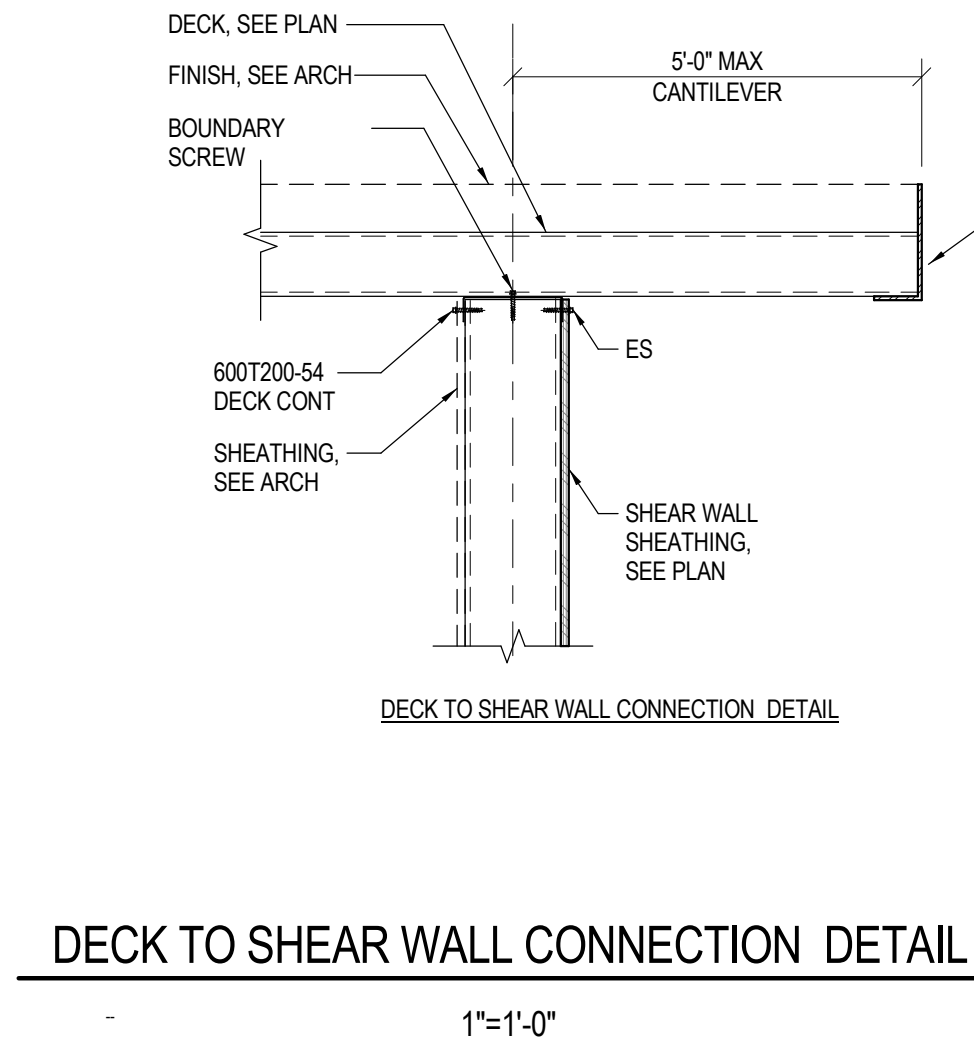
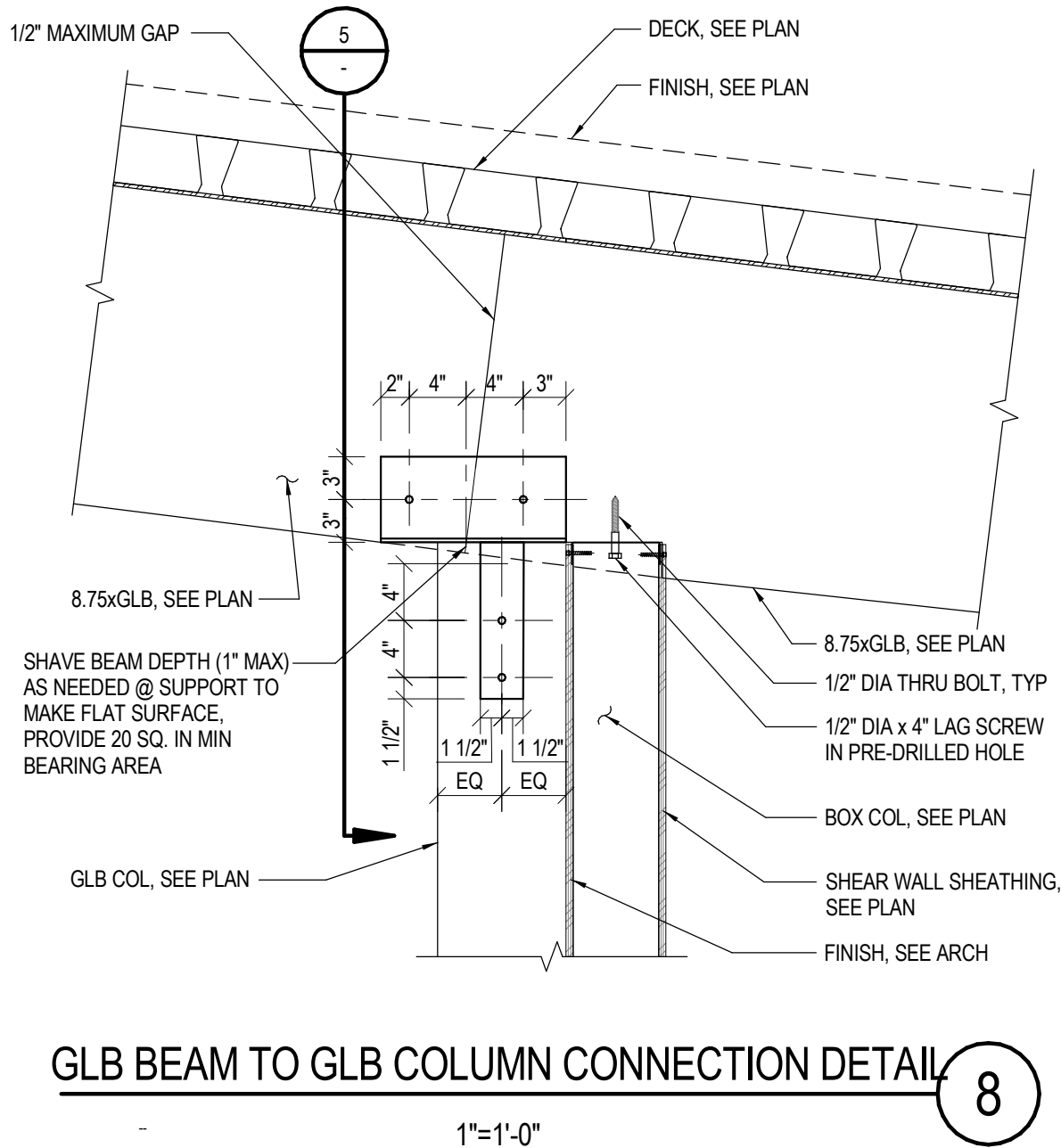
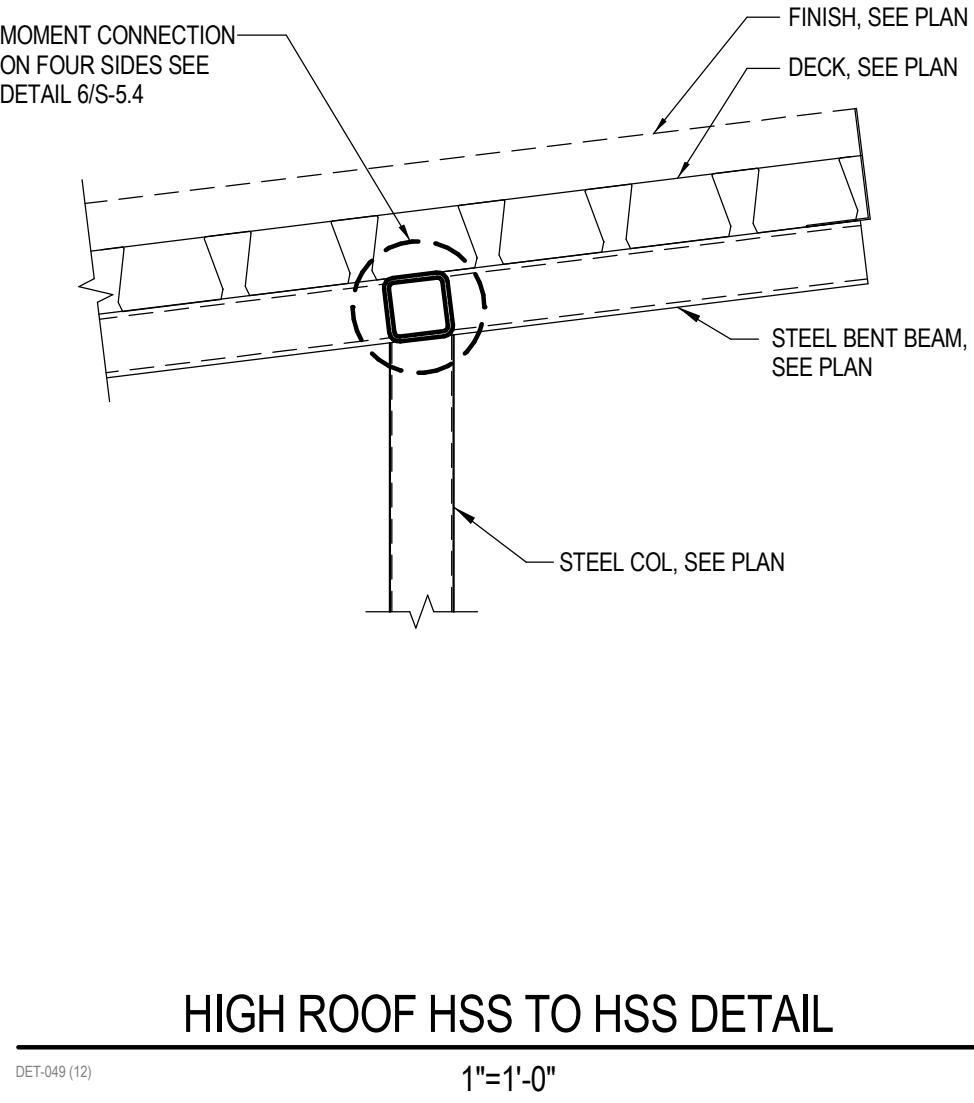
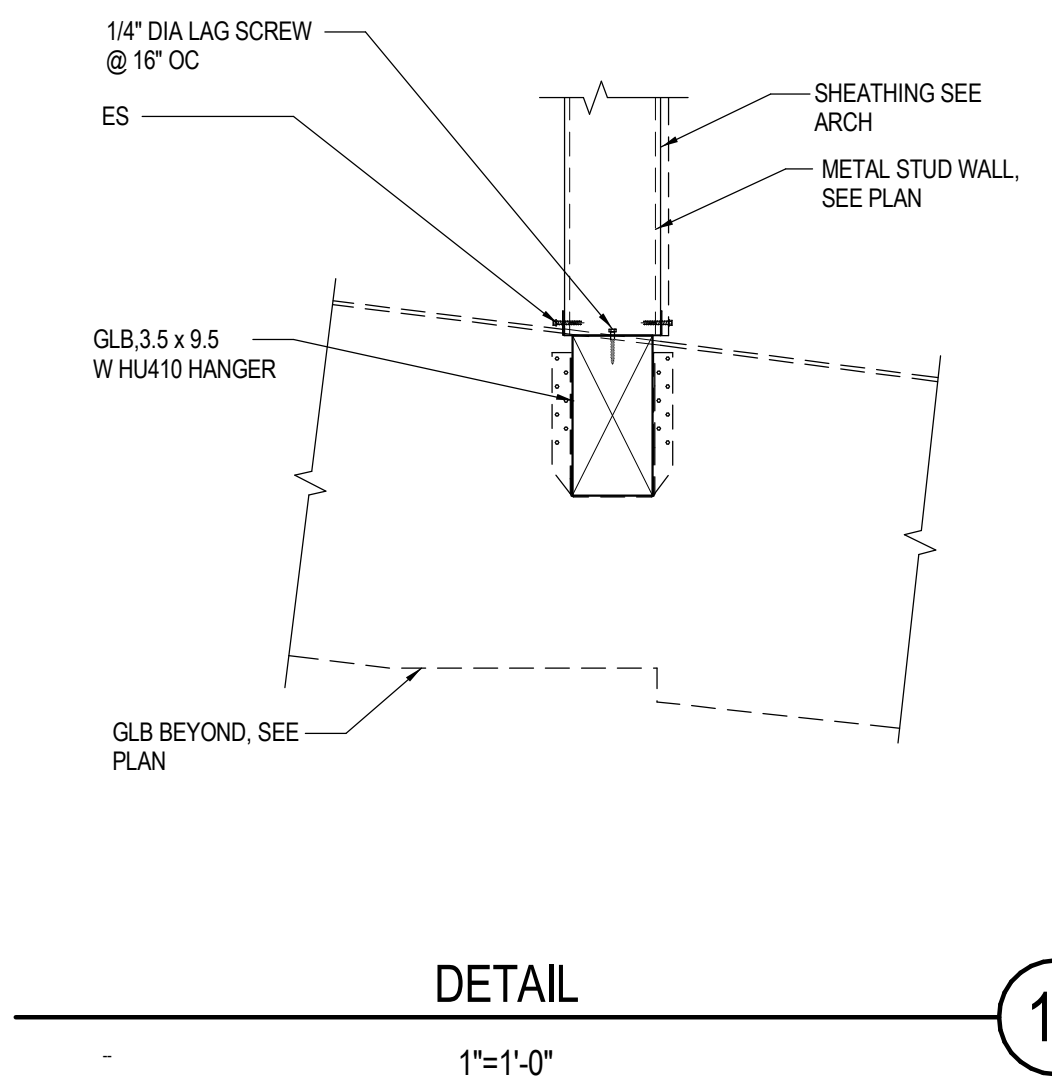
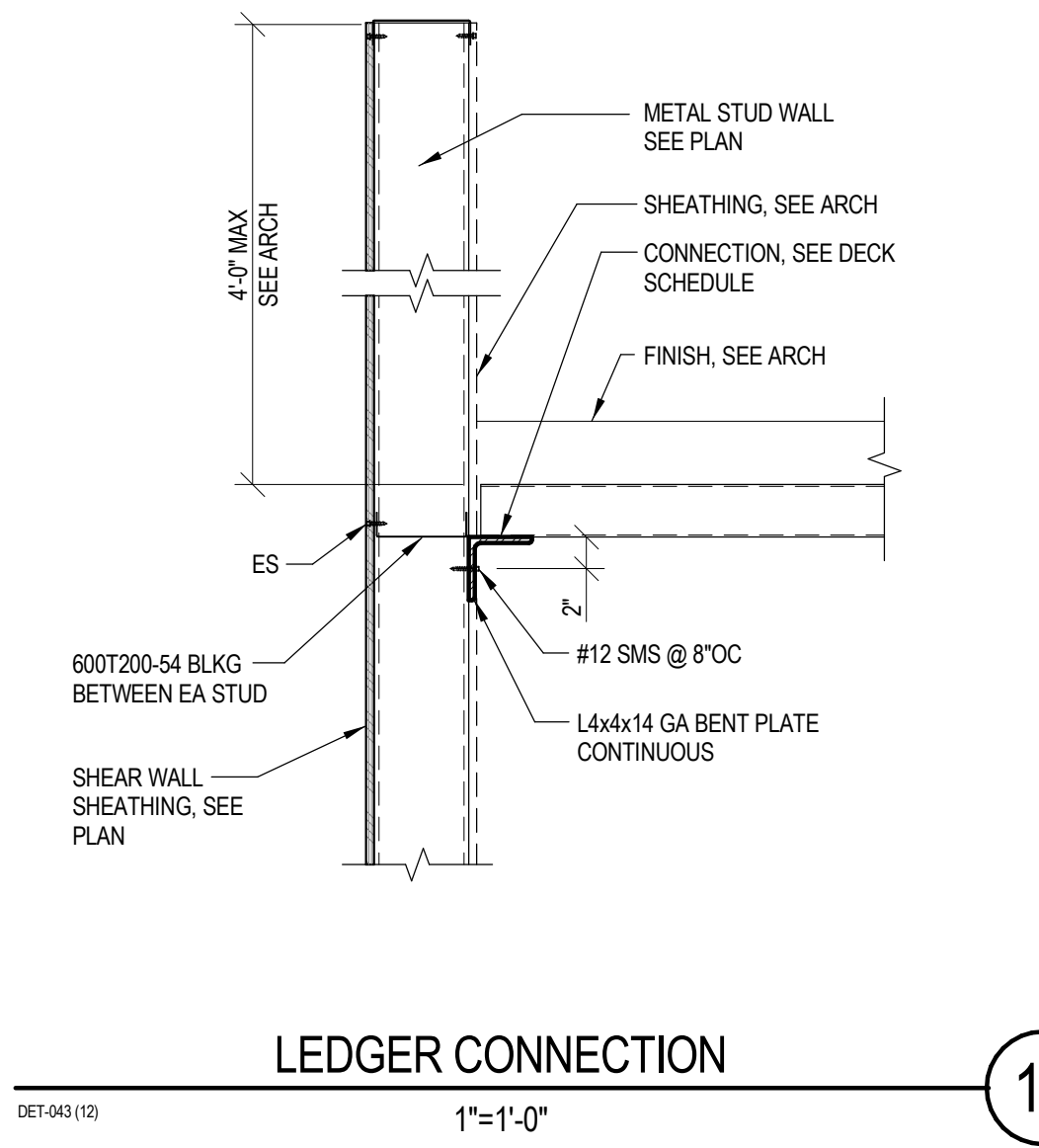
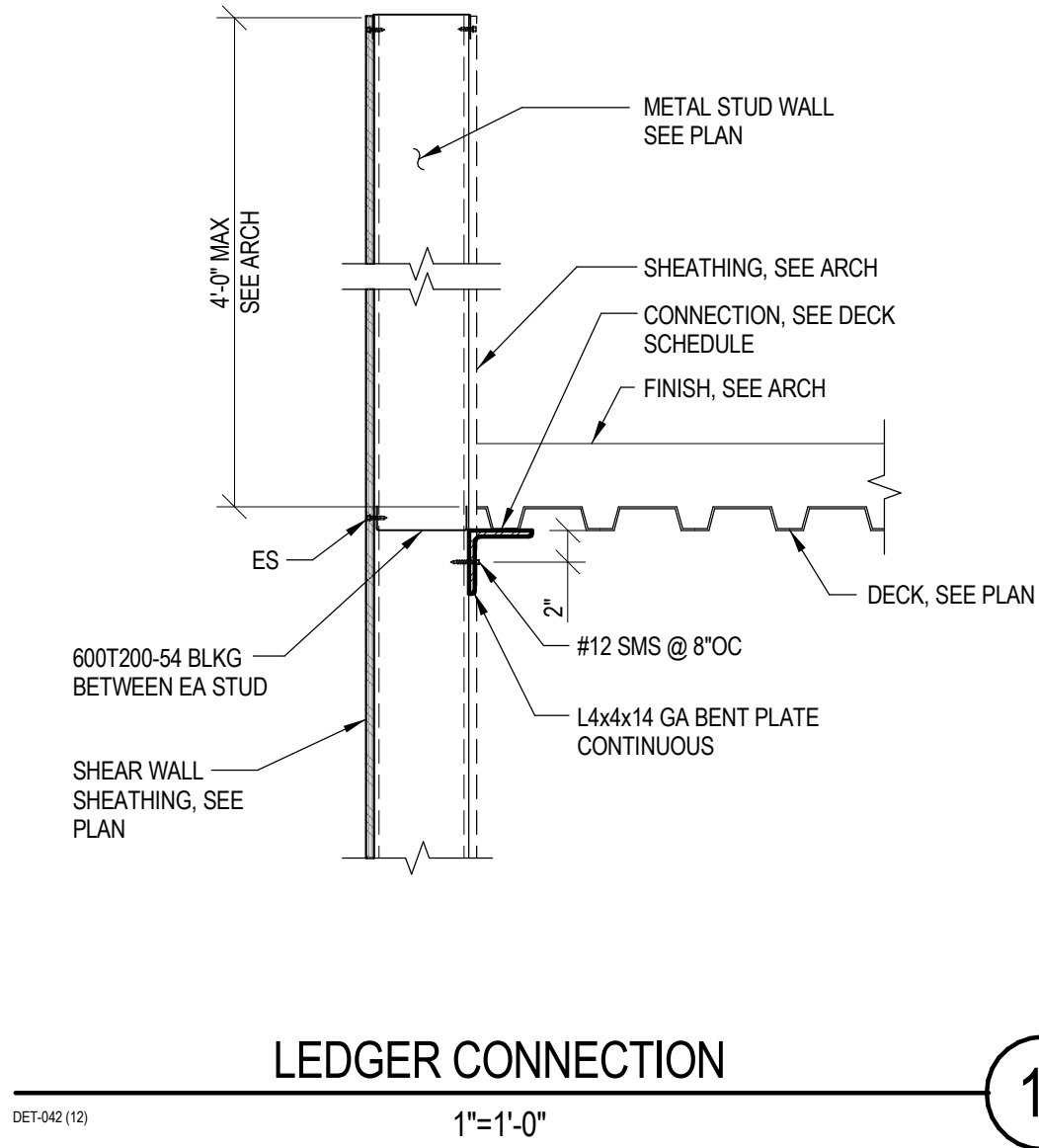
Sheet Name

FOUNDATION
DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	TPB
Checked by	--
Sheet Number	

S-5.1

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. No reproduction is therefore permissible without the written consent of RNT.

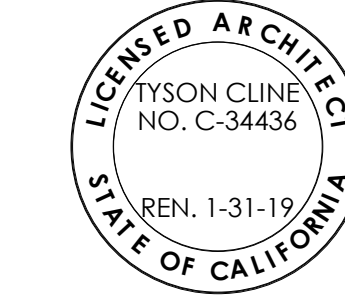


IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FL \$ \$



Roesling Nakamura
Terada Architects
285 N Ventura Ave # 102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

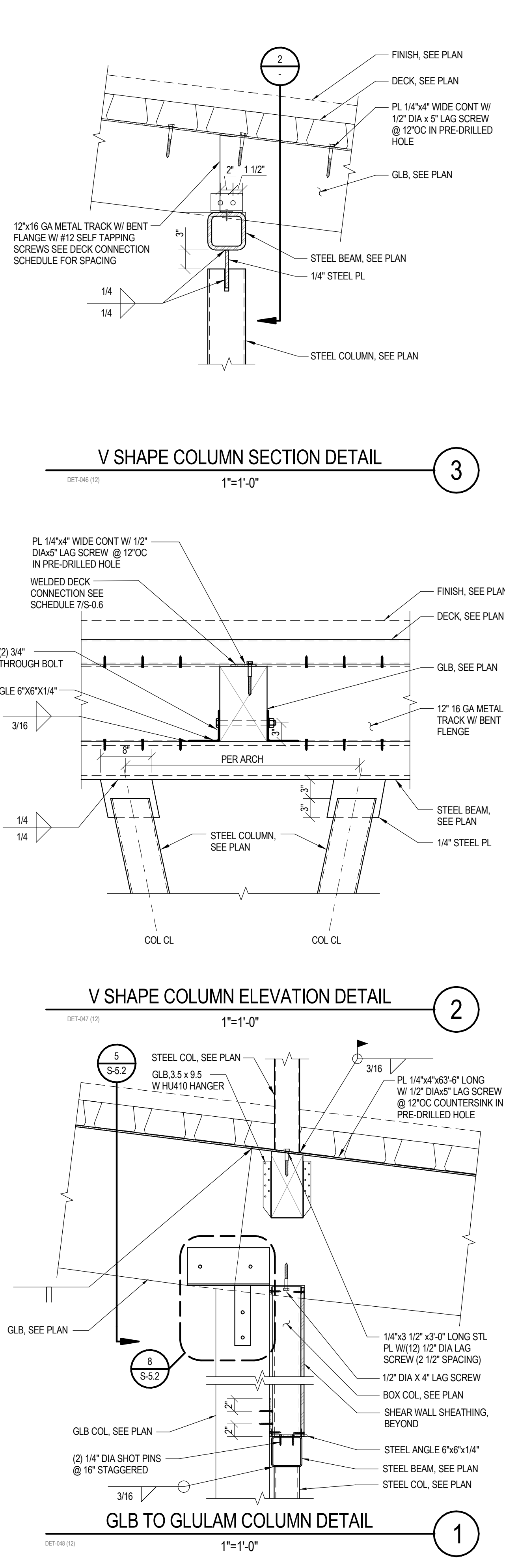
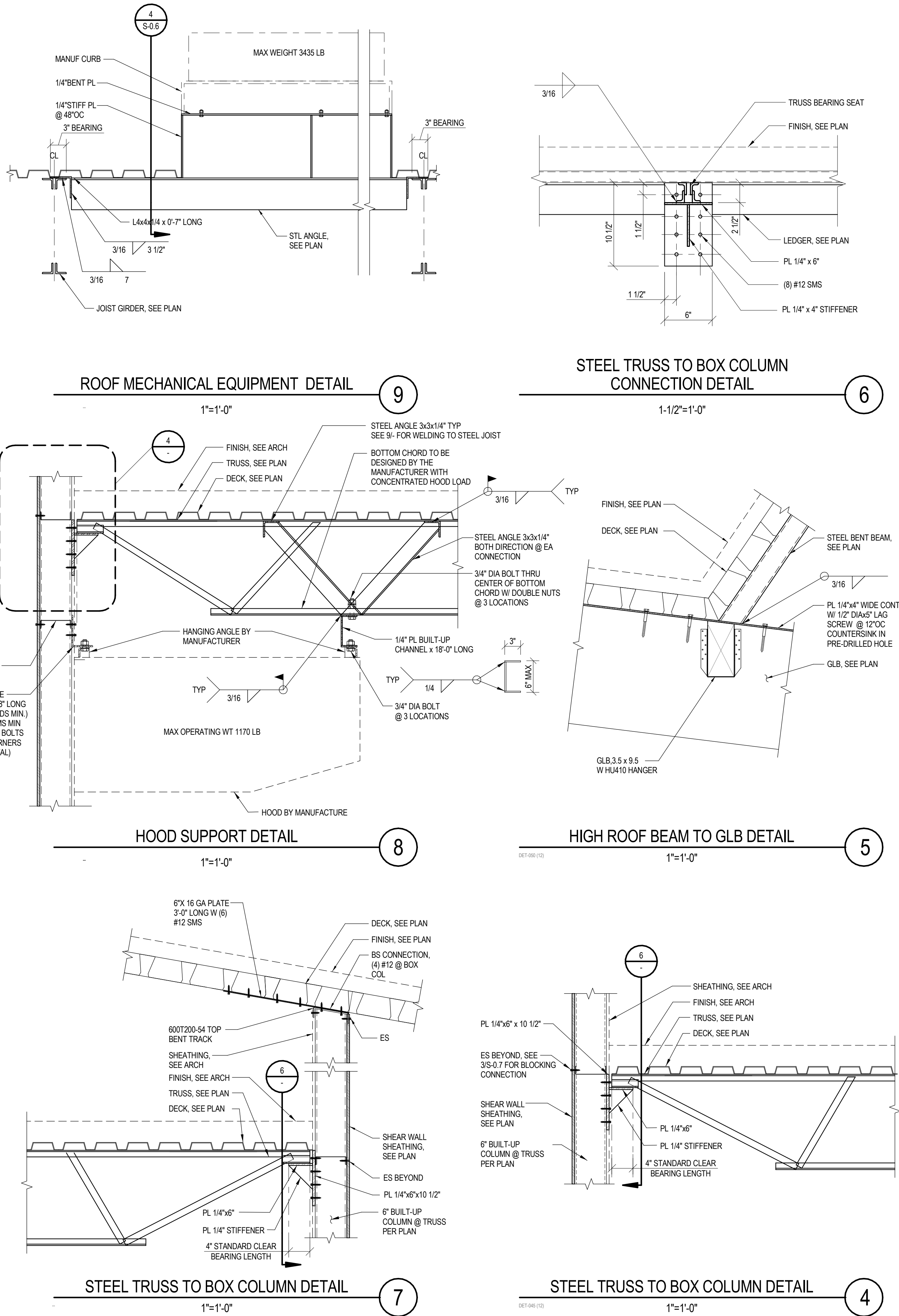
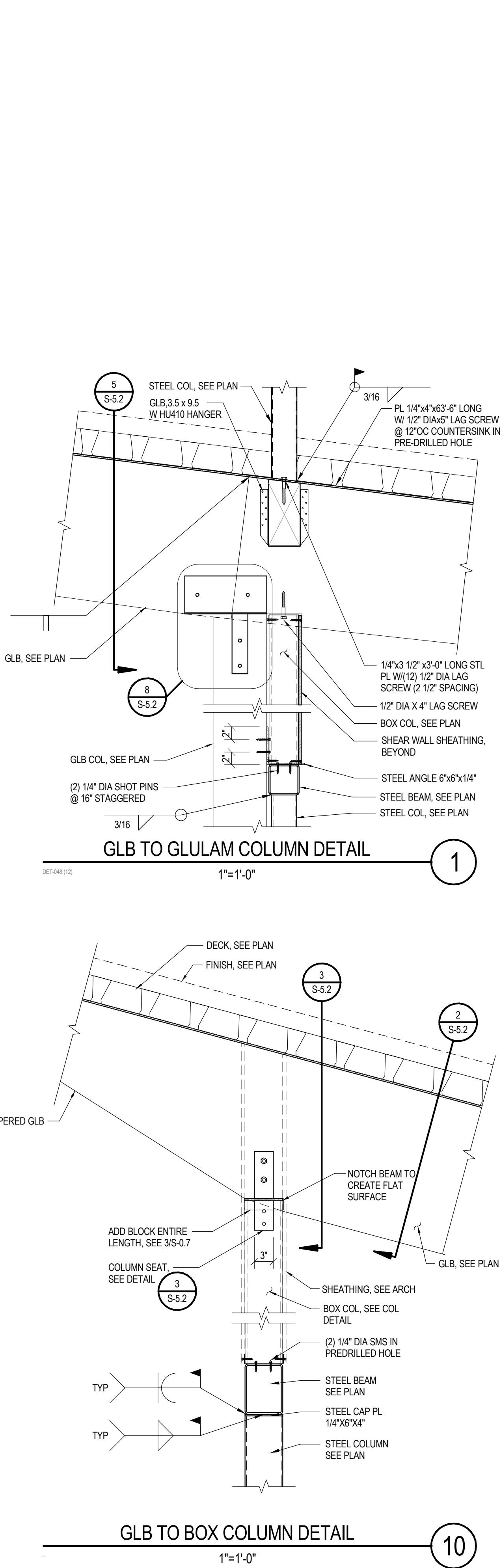
Sheet Name

DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	TPB
Checked by	--
Sheet Number	

S-5.2

All ideas, arrangements and plans indicated by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC FLS SS

ROESLING NAKAMURA TERADA ARCHITECTS

Roesling Nakamura Terada Architects
285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com

LICENSED ARCHITECT
TYSON CLINE
NO. C-34436
REN. 1-31-19
STATE OF CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
SPANISH RATHBURN
NO. 100021
STRUCTURAL
STATE OF CALIFORNIA

Ojai Unified School District

OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
AT MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

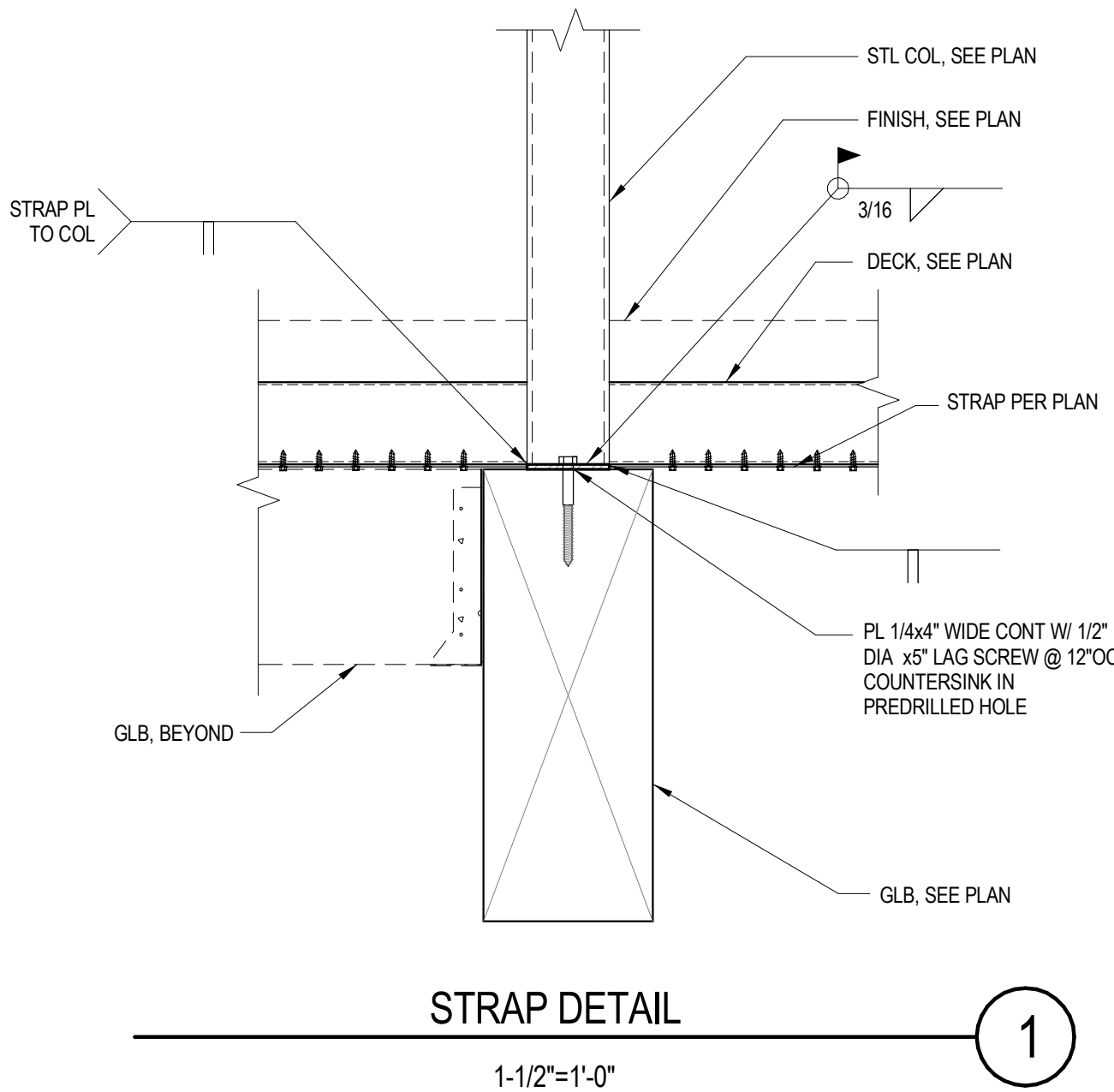
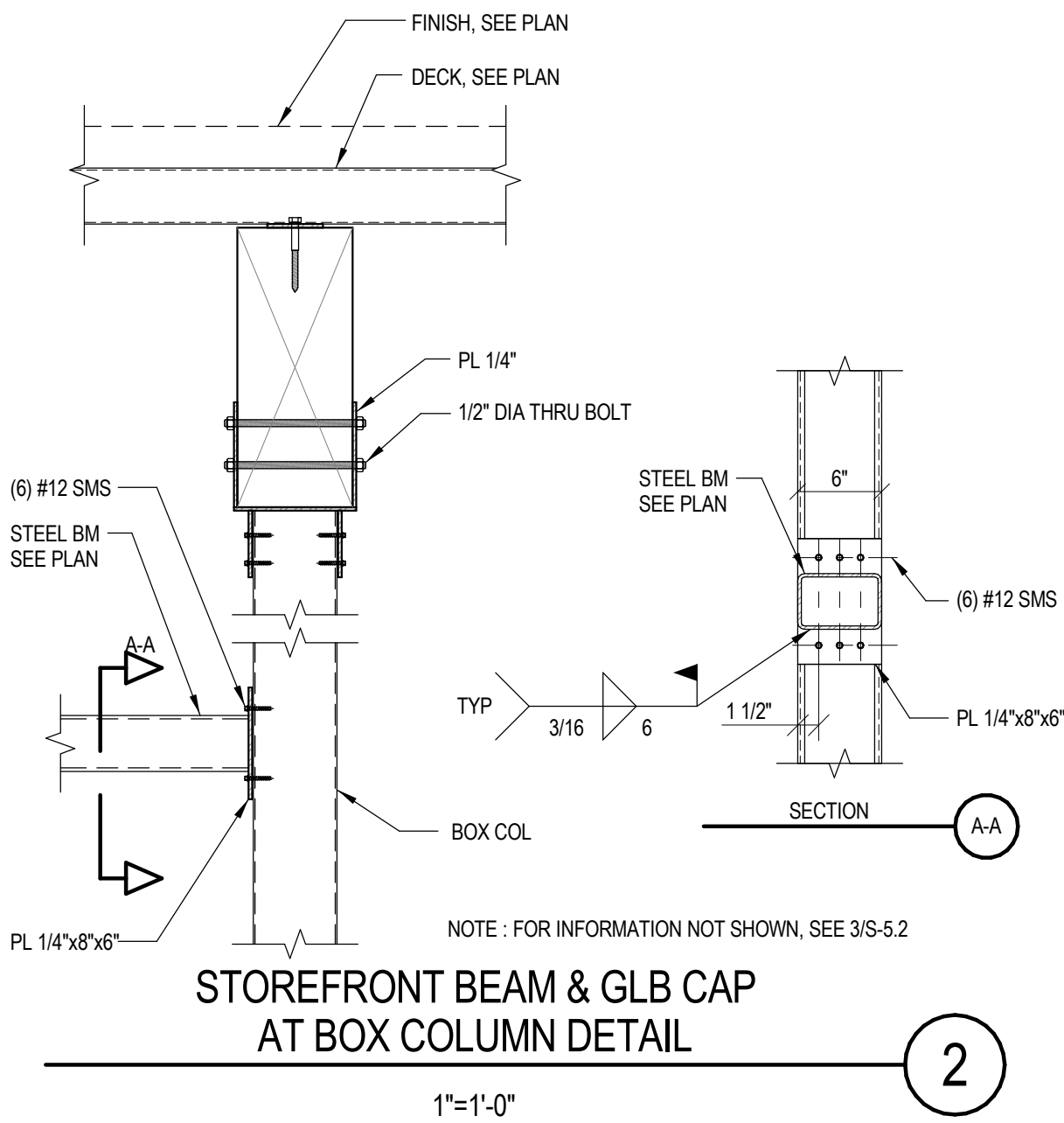
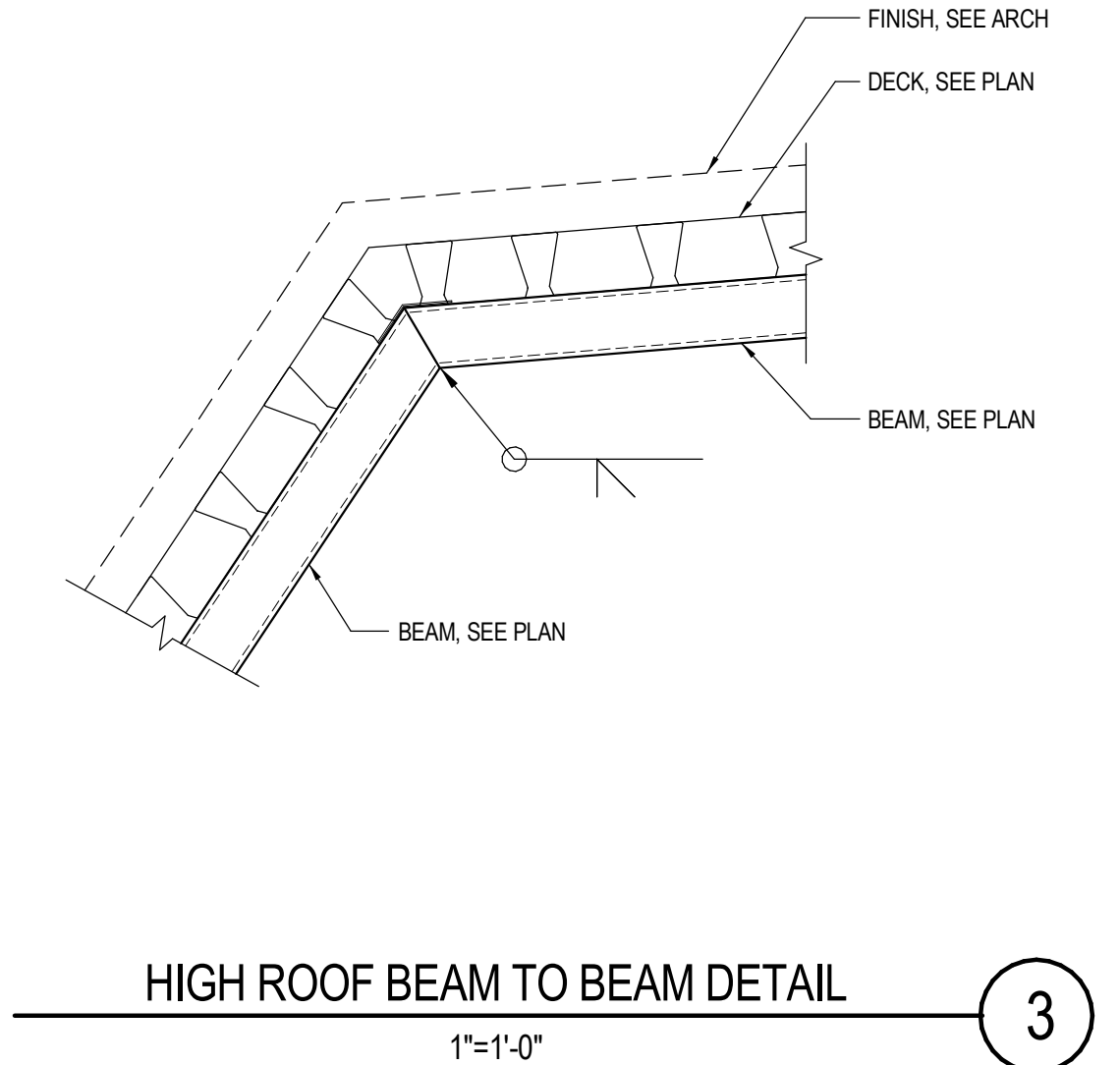
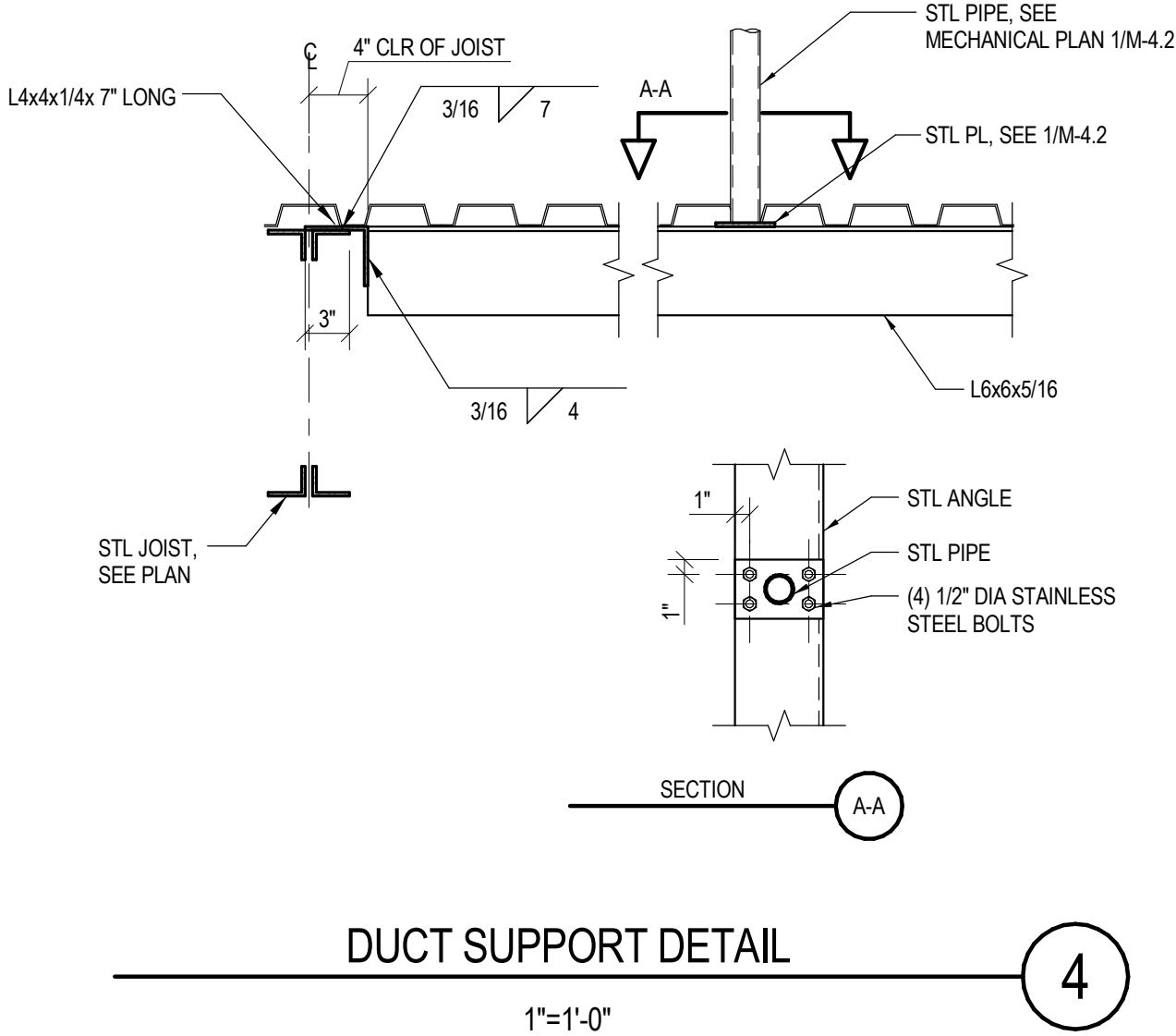
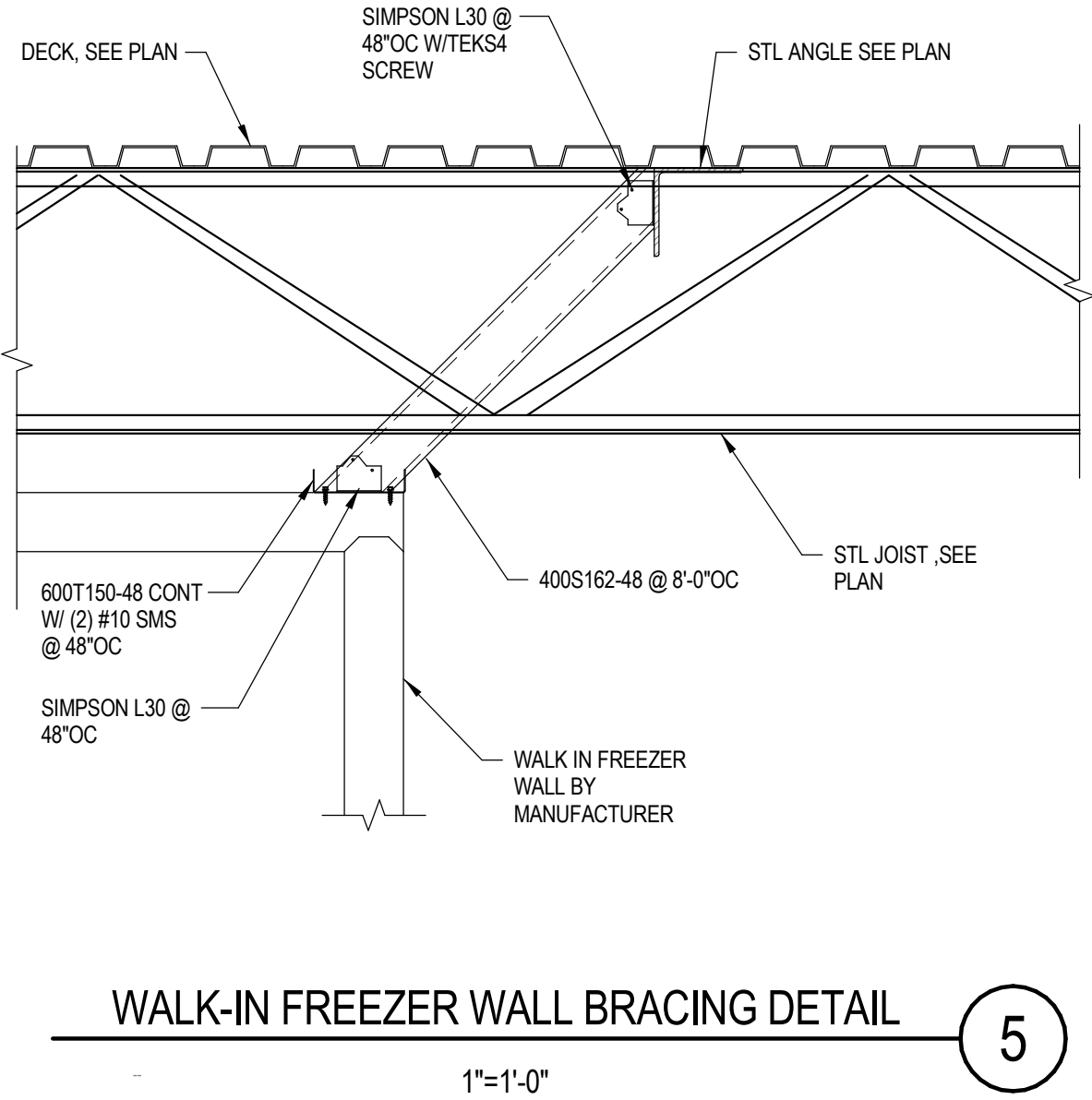
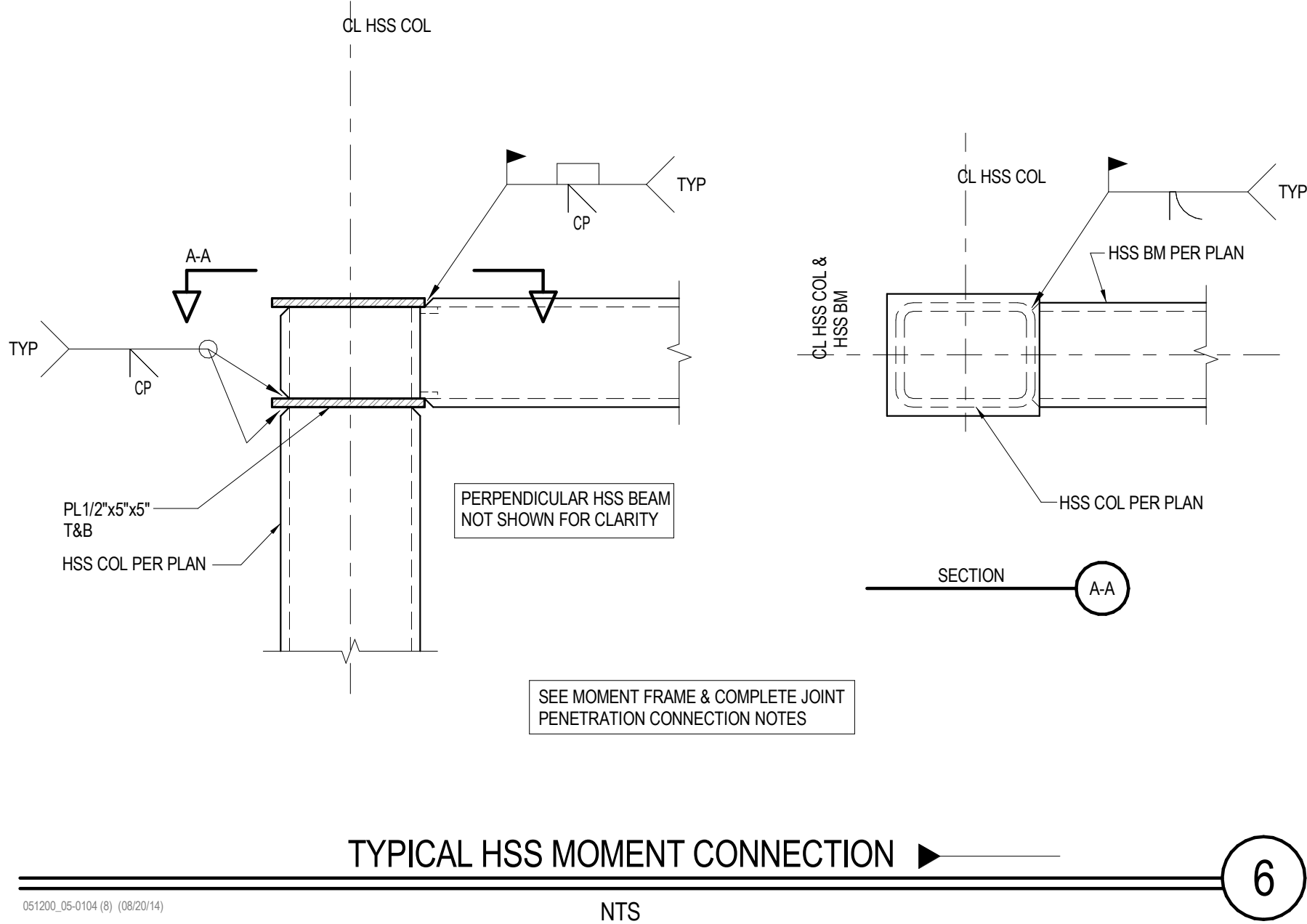
Sheet Name

DETAILS

Project No. MI1802096.00
Date 26-10-18
Drawn by TPB
Checked by --
Sheet Number

S-5.3

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

AC _____ FL \$ _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
AT MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

DETAILS

Project No.	MI1802096.00
Date	26-10-18
Drawn by	Author
Checked by	Checker
Sheet Number	

S-5.4

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

Mechanical Notes

1. SCOPE OF WORK: WORK INCLUDES THE FOLLOWING: FURNISH AND INSTALL ALL EQUIPMENT AND CONTROLS SHOWN ON THE MECHANICAL DRAWINGS AND DESCRIBED IN THESE NOTES, THE BOOK SPECIFICATIONS AND THE CONTRACT DOCUMENTS. WORK INCLUDES BUT IS NOT LIMITED TO: INSTALLATION OF NEW PACKAGED ROOFTOP UNITS, EXHAUST HOOD, EXHAUST FANS, MAKE-UP AIR UNIT, AIR DISTRIBUTION, DUCTING, CONTROLS, AND ANSUL SYSTEM. CONTRACTOR SHALL FURNISH AND INSTALL, MAKE OPERABLE, AND TEST ALL MECHANICAL EQUIPMENT SHOWN ON THE PLANS. IN CONNECTION THEREWITH, CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY DEVICES, HARDWARE, AND SYSTEMS REQUIRED TO MAKE SAID EQUIPMENT PROPERLY AND SAFELY OPERABLE, INCLUDING BUT NOT LIMITED TO, MOUNTING HARDWARE, INSULATION, FILTERS, REFRIGERANT PIPING, VIBRATION CONTROL DEVICES, DUCT SYSTEMS, CONTROL SYSTEMS, AND PATCHING & PAINTING. .

2. EXAMINATION OF SITE AND CONTRACT DOCUMENTS. EACH BIDDER SHALL, AT ITS SOLE COST AND EXPENSE, INSPECT THE SITE OF THE PROPOSED WORK TO BECOME FULLY ACQUAINTED WITH CONDITIONS RELATING TO THE WORK AND TO FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT DOCUMENTS AND COST THEREOF. BIDDERS SHALL THOROUGHLY REVIEW AND BE FAMILIAR WITH THE CONTRACT DOCUMENTS, INCLUDING WITHOUT LIMITATION, THE SPECIFICATIONS AND THE DRAWINGS. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY OF THE CONTRACT DOCUMENTS, FORMS, INSTRUMENTS, ADDENDA, OR OTHER DOCUMENTS OR TO INSPECT THE SITE SHALL NOT RELIEVE SUCH BIDDER FROM ANY OBLIGATIONS WITH RESPECT TO THE BID PROPOSAL, THE CONTRACT OR THE WORK REQUIRED UNDER THE CONTRACT DOCUMENTS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY TO ANY BIDDER FOR, NOR SHALL THE OWNER BE BOUND BY, ANY UNDERSTANDINGS, REPRESENTATIONS OR AGREEMENTS OF THE OWNER'S AGENTS, EMPLOYEES OR OFFICERS CONCERNING THE CONTRACT DOCUMENTS OR THE WORK MADE PRIOR TO EXECUTION OF THE CONTRACT. THE SUBMISSION OF A BID PROPOSAL SHALL BE DEEMED PRIMA FACIE EVIDENCE OF THE BIDDER'S FULL COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

3. INTERPRETATION OF DRAWINGS, SPECIFICATIONS OR CONTRACT DOCUMENTS. IF ANY BIDDER IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS; FINDS DISCREPANCIES, ERRORS OR OMISSIONS THEREIN; OR FINDS VARIANCES IN ANY OF THE CONTRACT DOCUMENTS WITH APPLICABLE RULES, REGULATIONS, ORDINANCES AND/OR LAWS, A WRITTEN REQUEST FOR AN INTERPRETATION OR CORRECTION THEREOF MAY BE SUBMITTED TO THE ENGINEER. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE BIDDER TO SUBMIT SUCH REQUEST IN SUFFICIENT TIME FOR THE PREPARATION OF A RESPONSE THERETO AND DELIVERY OF SUCH RESPONSE TO ALL BIDDERS PRIOR TO THE SCHEDULED CLOSING FOR RECEIPT OF BID PROPOSALS. ANY REQUEST OF ANY BIDDER, PURSUANT TO THE FOREGOING SENTENCE THAT IS MADE LESS THAN SEVEN DAYS PRIOR TO THE SCHEDULED CLOSING DATE FOR THE RECEIPT OF BID PROPOSALS SHALL BE DEEMED UNTIMELY. ANY INTERPRETATION OR CORRECTION OF THE CONTRACT DOCUMENTS WILL BE MADE ONLY BY WRITTEN ADDENDUM DULY ISSUED BY THE OWNER OR THE ENGINEER. A COPY OF ANY SUCH ADDENDUM WILL BE MAILED OR OTHERWISE DELIVERED TO EACH BIDDER RECEIVING A SET OF THE CONTRACT DOCUMENTS. NO PERSON IS AUTHORIZED TO RENDER AN ORAL INTERPRETATION OR CORRECTION OF ANY PORTION OF THE CONTRACT DOCUMENTS TO ANY BIDDER, AND NO BIDDER IS AUTHORIZED TO RELY ON ANY SUCH ORAL INTERPRETATION OR CORRECTION.

4. DIMENSIONS. ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON WORKING DRAWINGS. ALL SIZES OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER.

5. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE, THE 2016 CALIFORNIA MECHANICAL CODE, THE 2016 CALIFORNIA BUILDING CODE, THE STATE OF CALIFORNIA, THE LOCAL JURISDICTION, AND STANDARD CONSTRUCTION PRACTICES. ALL MECHANICAL EQUIPMENT SHALL BE IN STRICT ACCORDANCE WITH THE EQUIPMENT SCHEDULE, AND SHALL BE NEW AND FREE FROM DEFECTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES, AND SHALL OBTAIN APPROVED INSPECTIONS FOR ALL WORK AS REQUIRED BY OWNER, DSA AND LOCAL JURISDICTION. CONTRACTOR SHALL MAINTAIN IN EFFECT ALL INSURANCE REQUIRED BY STATE LAWS, LOCAL JURISDICTION, AND THE SCHOOL DISTRICT. WHERE CONFLICT OR VARIATION EXISTS AMONGST CODES, SPECIFICATIONS, OR DRAWINGS, THE MOST STRINGENT SHALL GOVERN. NOTHING IN THESE PLANS AND SPECIFICATIONS SHALL BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO APPLICABLE CODES.

6. SUBMITTALS REQUIRED: PRIOR TO ORDERING EQUIPMENT AND MATERIALS, CONTRACTOR SHALL FURNISH TO ENGINEER / DISTRICT SUBMITTALS AND SHOP DRAWINGS OF ALL EQUIPMENT AND MATERIALS PROPOSED FOR USE IN THIS PROJECT. ORDERING OF EQUIPMENT AND MATERIALS SHALL ONLY PROCEED AFTER SATISFACTORY REVIEW OF ALL SUBMITTALS BY CONTRACTOR / ENGINEER / DISTRICT. COPIES OF ALL OWNER'S MANUALS, WARRANTIES AND OTHER WRITTEN INFORMATION REGARDING SYSTEMS SHALL BE PRESENTED TO THE SCHOOL DISTRICT PRIOR TO THE COMPLETION OF THE PROJECT.

7. CONSTRUCTION OBSERVATION: IN ADDITION TO THE REQUIREMENT FOR OBTAINING INSPECTIONS BY THE LOCAL JURISDICTION, CONTRACTOR SHALL NOTIFY ENGINEER AT APPROPRIATE TIMES DURING THE CONSTRUCTION PROCESS SO THAT ENGINEER CAN VISIT SITE TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. UNIT LOCATIONS: EQUIPMENT AND SYSTEM LOCATIONS SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL STRUCTURAL MEMBERS AND EXISTING CONDITIONS IN THE FIELD, AND LOCATE UNITS AND DUCTWORK TO AVOID INTERFERENCE. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER. ALLOW CLEARANCE FOR DUCTWORK AND PIPING, ALL CLEARANCES REQUIRED BY UNIT MANUFACTURER SHALL BE MAINTAINED. ENTIRE INSTALLATION SHALL BE IN ACCORDANCE WITH CODES AND THE RECOMMENDED INSTALLATION PROCEDURES PUBLISHED BY THE MANUFACTURER.

9. DUCTWORK: CONTRACTOR SHALL INSTALL NEW DUCTWORK IN THE APPROXIMATE LOCATIONS SHOWN ON THE DRAWINGS. ALL DUCTWORK SHALL BE SECURELY ANCHORED TO THE BUILDING IN AN APPROVED MANNER THAT WILL RENDER IT ABSOLUTELY FREE FROM VIBRATION AND LATERAL MOVEMENT. PROVIDE ALL OFFSETS & TRANSITION REQUIRED TO AVOID STRUCTURE & OTHER TRADES.

10. MATERIALS - DUCTWORK: ALL DUCTWORK FOR HVAC SYSTEMS SHALL BE GALVANIZED STEEL CONFORMING TO ASTM SPEC A653/ A653M. (EXCEPTION: ACOUSTIC FLEXIBLE FIBERGLASS DUCTWORK SHALL BE USED FOR THE FINAL CONNECTION TO HVAC SYSTEMS).

GREASE HOOD EXHAUST DUCTWORK SHALL BE DOUBLE WALL STAINLESS STEEL WITH LINER, CAPTIVE AIRE MODEL DW-2R.

ALL ROUND DUCTWORK SHALL BE GALVANIZED CONSTRUCTION WITH GAUGES AND CONNECTIONS AS FOLLOWS: UP TO 12" DIAMETER (INCLUDING FITTINGS) - 26 GAUGE WITH 2" CRIMP JOINT. 13"-32" DIAMETER (INCLUDING FITTINGS) - 24 GAUGE WITH 2" CRIMP JOINT. WHERE NECESSARY TO MAKE FIELD CONNECTIONS BETWEEN PLAIN END DUCT, SLIP JOINT CONNECTORS SHALL BE PROVIDED. JOINT CONNECTION AND SEALING: SHEET METAL SCREW ALL FIELD MADE JOINTS WITH A MINIMUM OF THREE SCREWS. SPACING OF SCREWS NOT TO EXCEED TWELVE INCHES ON CENTER. COVER ALL FIELD MADE JOINTS WITH HARDCAST "IRON-GRIP 601" PREMIUM FLEXIBLE WATER BASED DUCT SEALANT. FITTINGS AT RECTANGULAR DUCT TAKEOFF SHALL BE SPIN-IN TYPE, COMPLETE WITH LOCKING TYPE VOLUME DAMPERS IF INDICATED ON PLANS.

RECTANGULAR DUCTWORK SHALL BE MADE FROM GALVANIZED STEEL SHEETS. DUCT CONSTRUCTION, AND REINFORCING SHALL BE PER APPENDIX A OF THE 2016 CALIFORNIA MECHANICAL CODE. EXTERIOR DUCTWORK SHALL BE GALVANIZED COATED MEETING THE ASTM G-90 REQUIREMENTS. EXTERIOR DUCTWORK SHALL BE SLOPED TO DRAIN. SEE BOOK SPECIFICATIONS FOR CONNECTION REQUIREMENTS. RECTANGULAR DUCTING SHALL BE CONNECTED WITH DUCTMATE 35 CONNECTORS.

CURVED ELBOWS SHALL HAVE CENTRALIZED RADIUS NOT LESS THAN THE WIDTH OF THE DUCT. WHERE ABRUPT TURNS AND ELBOWS ARE USED, TURNING VANES SHALL BE PROVIDED. TAKEOFFS FROM MAIN DUCTS SHALL BE MADE WITH 45 DEGREE ANGLES WITH VOLUME DAMPERS WHERE SHOWN. ALL PANELS SHALL BE CROSS BROKEN TO ENSURE RIGIDITY.

11. DUCT SUPPORTS AND HANGERS: DUCT SUPPORTS SHALL BE PER 2016 CALIFORNIA MECHANICAL CODE. RECTANGULAR DUCTS WITH A MAXIMUM SIZE NOT EXCEEDING 30" AND ALL ROUND DUCTS SHALL BE SUPPORTED WITH ONE INCH WIDE 18 GAUGE HANGER STRAPS. SUPPORTS SHALL BE LOCATED ON TWO OPPOSITE SIDES OF THE DUCT, SHALL BE METAL SCREWED TO THE SIDES AND BOTTOM OF THE DUCT. SHALL BE SPACED AT NOT MORE THAN 7'-8" ON CENTERS AND SHALL BE Laterally Braced. SECURE STRAPS TO STRUCTURAL FRAMING PER SMACNA STDS.

12. VOLUME DAMPERS: LOCKING SHEET METAL VOLUME DAMPERS SHALL BE INSTALLED AT THE POINT OF TAKEOFF FROM MAIN DUCTING AT ALL LOCATIONS SHOWN ON PLANS AND ELSEWHERE AS NECESSARY FOR PROPER BALANCING OF THE SYSTEM. BALANCING AT DIFFUSERS OR RETURN AIR GRILLES ONLY WILL NOT BE PERMITTED.

13. DUCT INSULATION: CONCEALED SUPPLY AND RETURN DUCTWORK SHALL BE INSULATED WITH 2" THICK, THREE QUARTER POUND PER CUBIC FOOT FOIL SCRIMP VAPOR BARRIER FACED FIBERGLASS FLEXIBLE DUCT INSULATION. INSULATION SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. INSULATION SHALL HAVE A MINIMUM INSULATION OF R-6.

SUPPLY, RETURN, AND MAKEUP AIR PLENUMS AND OTHER DUCTWORK WHERE INDICATED SHALL BE INTERNALLY LINED WITH 1" THICK LINER. LINER SHALL BE 1-1/2 POUND PER CUBIC FOOT DENSITY GLASS FIBER DUCT LINER WITH A VINYL COATING, WITH A FLAME SPREAD OF LESS THAN .25 AS PER NFPA NO 90A.

14. BALANCING: FOLLOWING INSTALLATION, CONTRACTOR SHALL START UP AND BALANCE ALL HVAC SYSTEMS TO CONFORM TO AIR VOLUMES INDICATED ON PLANS. COPIES OF BALANCING RECORDS SHALL BE FURNISHED TO BUILDING OWNER AND PROJECT ARCHITECT. SEE BOOK SPECIFICATIONS FOR FURTHER REQTS.

15. EXHAUST FAN AND FLUE DISCHARGE: ALL EXHAUST FAN DUCTWORK AND FLUES SHALL BE RUN TO A POINT AT LEAST 10 FEET FROM AIR INTAKES OR OTHER OPENINGS TO THE BUILDING.

16. VIBRATION ISOLATION. INSTALL FLEXIBLE CONNECTIONS BETWEEN MECHANICAL EQUIPMENT AND DUCTWORK. ISOLATE PIPING & DUCTWORK FROM STRUCTURE TO PREVENT EXCESSIVE VIBRATION ISOLATION. AFTER START-UP VERIFY THAT NO VIBRATION IS TRANSMITTED. CORRECT ANY DEFICIENCIES.

17. COORDINATION: MECHANICAL CONTRACTOR SHALL COORDINATE WORK WITH THE PROJECT MANAGER AND ALL RELATED TRADES.

18. CLEANUP: EVERY DAY, AND AFTER ALL WORK HAS BEEN COMPLETED, CONTRACTOR SHALL CLEAN ENTIRE JOB-SITE OF ALL DEBRIS ASSOCIATED WITH MECHANICAL SYSTEMS. EXPOSED PARTS WHICH ARE TO BE PAINTED SHALL BE THOROUGHLY CLEANED READY FOR PAINTING.

19. COORDINATION DURING CONSTRUCTION: THE CONTRACTOR SHALL COORDINATE ANY NECESSARY CHANGES IN WORK SCHEDULING WITH THE SCHOOL TO MINIMIZE THE DISRUPTION. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES. THE CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY HIS WORK TO BUILDING(S) AND EQUIPMENT AT NO ADDITIONAL COST TO THE OWNER.

20. CORRECTION OF WORK: THE CONTRACTOR SHALL PROMPTLY CORRECT ALL WORK THE DISTRICT FINDS DEFECTIVE OR FAILING TO CONFORM TO THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BEAR ALL COSTS REQUIRED BY THE CONTRACT DOCUMENTS. IF ANY OF THE WORK IS FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CORRECT IT PROMPTLY AFTER RECEIPT OF A WRITTEN NOTICE FROM THE DISTRICT TO DO SO.

21. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT. INCLUDED IN THE AS-BUILTS SHALL BE DOCUMENTATION AND TWO COPIES OF THE PRINTED SHEETS AND PLANS ON MAGNETIC MEDIA.

22. DRYER VENT SHALL BE 24 GA. GALV. SHEET METAL WITH CONNECTORS DESIGNED FOR DRYER USE. NO SCREWS SHALL PROTRUDE INTO THE INNER DUCTING PER CMC 504.3.1. DUCTS SHALL BE SUPPORTED IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARD - METAL AND FLEXIBLE. INSTALL TERMINATION WITH BACKDRAFT DAMPER.

23. KITCHEN EQUIPMENT. CONTRACTOR SHALL PROVIDE ALL KITCHEN EQUIPMENT WITH INSTALLATION. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL AIR DISTRIBUTION MATERIALS INCLUDING HOODS, ENVIRONMENTAL AIR DUCTS, HOOD DUCTS, EXHAUST FAN AND MAKEUP AIR UNIT AT ROOF.

24 INSTALLATION OF THE VENTILATOR FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH THE NFPA #13, 17A, & 96, THE MANUFACTURER'S REQUIREMENTS, THE 2016 CALIFORNIA BUILDING CODE, THE 2016 CALIFORNIA FIRE CODE, AND U.L. #300. "LISTED" AND "LABLED FOR THEIR INTENDED USE" BY THE STATE FIRE MARSHAL.

ACTIVATION OF THE VENTILATOR FIRE PROTECTION SYSTEM SHALL INITIATE THE BUILDING FIRE ALARM, (COORDINATE WITH THE FIRE ALARM CONTRACTOR), AND SHUT OFF ALL THE FUEL AND ELECTRICAL SUPPLY TO THE EQUIPMENT UNDER THE VENTILATOR.

A TYPE I KITCHEN HOOD AND GREASE EXHAUST SYSTEM WITH PROPER AND LISTED FIRE PROTECTION SYSTEM INSTALLED PER 2016 CMC SECTIONS 508.2 & 513.2.2 IS REQUIRED WHERE GREASE LADEN VAPORS ARE PRODUCED.

Green Building Notes

1. GENERAL CONTRACTOR SHALL ESTABLISH A CONSTRUCTION WASTE MANAGEMENT PLAN FOR THE DIVERTED MATERIALS, OR MEET LOCAL CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT ORDINANCE, WHICHEVER IS MORE STRINGENT. WASTE MANAGEMENT PLAN SHALL:
A.) IDENTIFY THE MATERIALS TO BE DIVERTED FROM DISPOSAL BY EFFICIENT USAGE, RECYCLING, REUSE ON THE PROJECT OR SALVAGE FOR FUTURE USE OR SALE.
B.) DETERMINE IF MATERIAL WILL BE SORTED ON-SITE OR MIXED
C.) IDENTIFY DIVERSION FACILITIES WHERE MATERIALS COLLECTED WILL BE TAKEN.
D.) SPECIFY THE AMOUNT OF MATERIALS DIVERTED WHICH SHALL BE CALCULATED BY WEIGHT OR VOLUME, BUT NOT BOTH.

2. RECYCLE WASTE MATERIAL BEING REMOVED FROM SITE TO THE GREATEST EXTENT POSSIBLE. RECORD ALL AMOUNTS DISPOSED AND ALL AMOUNTS RECYCLED.

3. COVERING OF DUCT OPENINGS AND PROTECTION OF MECHANICAL EQUIPMENT DURING CONSTRUCTION: AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL OR OTHER METHODS ACCEPTABLE TO THE ENFORCING AGENCY TO REDUCE THE AMOUNT OF DUCT OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM. PER THE 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, C.G.B.S.C., SECTION 5.504.3

General Notes

1. CUTTING, BORING SAWCUTTING OR DRILLING THROUGH THE NEW OR EXISTING STRUCTURAL ELEMENTS TO BE DONE ONLY WHEN SO DETAILED ON THE DRAWINGS OR ACCEPTED BY THE ARCHITECT WITH THE APPROVAL OF DSA REPRESENTATIVE.

2. ALL WELDING SHALL BE SPECIALLY INSPECTED BY AN AWS-CWI QUALIFIED INSPECTOR APPROVED BY DSA/ORS.

3. ALL BRACING OF DUCTS AND PIPINGS SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA GUIDELINES AS APPROVED BY DSA/ORS.

WHERE BRACING DETAILS ARE NOT SHOWN ON THE DRAWINGS OR IN THE GUIDELINES, THE FIELD INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT, MECHANICAL ENGINEER AND DSA FIELD ENGINEER.

A COPY OF THE GUIDELINES PUBLISHED BY SMACNA AND APPROVED BY DSA SHALL BE PROVIDED BY THE CONTRACTOR AND KEPT ON THE JOB AT ALL TIMES.

MEP COMPONENT ANCHORAGE NOTE

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAIL IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2016 CBC SECTION 1616A.1.18 THROUGH 1616A.1.26 AND ASCE 7-10 CHAPTER 13, 26, AND 30.

- ALL PERMANENT EQUIPMENT AND COMPONENTS.
- TEMPORARY OR MOVEABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED(E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS

THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THESE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

- COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
- COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.6.5.6, 13.6.7, 13.6.8, AND 2016 CBC SECTIONS 1616A.1.23, 1616A.1.24, 1616A.1.25, AND 1616A.1.26.

THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PREAPPROVED INSTALLATION GUIDE (E.G. SMACNA OR OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF AND DURING THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

MECHANICAL PIPING (MP), MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):

- MP ☐ MD ☒ PP ☐ E ☐ - OPTION 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS.
- MP ☐ MD ☐ PP ☐ E ☐ - OPTION 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) _____.
- MP ☐ MD ☐ PP ☐ - OPTION 3: SHALL COMPLY WITH THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION (2009), INCLUDING ANY ADDENDA. FASTENERS AND OTHER ATTACHMENTS NOT SPECIFICALLY IDENTIFIED IN THE SMACNA SEISMIC RESTRAINT MANUAL, OSHPD EDITION, ARE DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS. THE DETAILS SHALL ACCOUNT FOR THE APPLICABLE SEISMIC HAZARD LEVEL _____ AND CONNECTION LEVEL _____ FOR THE PROJECT AND CONDITIONS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

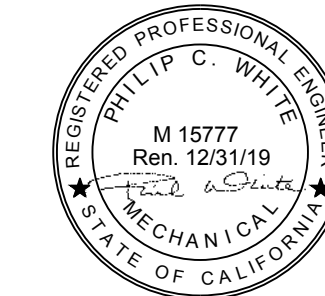
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

Construction Documents

Revisions		
No.	Description	Date

Sheet Name

Mechanical Notes

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

M-1.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

PACKAGED ROOFTOP UNIT SCHEDULE

TAG	MAKE	MODEL	SERVES	CFM	WEIGHT (LBS) INCL. CURB & ACC.	WC ESP (")	BTUH NOMINAL CAPACITY	EER	HEATING (MBH) INPUT OUTPUT	ELECTRICAL DATA VOLTAGE MCA MOCp HP				OPTIONS: TWO STAGE HEATING, STAINLESS STEEL HEAT EXCHANGER, HOT GAS BYPASS, ECONOMIZER WITH FAULT DETECTION, MODULATING POWER EXHAUST, ECONOMIZER WIRING HARNESS, STANDARD MOTOR, 2" PLEATED FILTERS, FLUE EXHAUST EXTENSION KIT, PHASE MONITORS, CO2 SENSOR, AND MW SAUSSE SLOPED SPRING CURB. LUVATA TROPI COAT COATING, EVAPORATOR COILS & CONDENSER COILS. R-410A REFRIGERANT.	FIRE ALARM SHUT DOWN	MIN. O.S.A. (CFM)	ANCHORAGE DETAIL
AC 1	YORK	ZJ210S30	DINING ROOM	7,000	3,435	1.8	208,000	12.1	210/300 168/240	208/3/60	83.5	90	5		YES	1305	1/M-4.1

TAG	MAKE	MODEL	SERVES	CFM	WEIGHT (LBS) INCL. CURB & ACC.	WC ESP (")	BTUH NOMINAL CAPACITY	SEER	HEATING (MBH) INPUT OUTPUT	ELECTRICAL DATA VOLTAGE MCA MOCp HP				OPTIONS: LOW NOX, STAINLESS STEEL HEAT EXCHANGER, ECONOMIZER WITH FAULT DETECTION, POWER EXHAUST, E-COAT CONDENSER AND EVAPORATOR COILS, DISCONNECT SWITCH, FLUE EXTENSION & KNOCK-DOWN ROOF CURB. 4" PLEATED (MERV 13) FILTERS.	FIRE ALARM SHUT DOWN	MIN. O.S.A. (CFM)	ANCHORAGE DETAIL
AC 2	YORK	ZT061Q08P2D5	KITCHEN	1,995	1,450	1.2	64,000	17.5	60/80 48.75/65	208/3/60	37.4	50	1.5		YES	555	5/M-4.0

HOOD SCHEDULE

TAG	MAKE	MODEL	OPERATING WEIGHT (LBS.)	VENTILATOR: SIZE: W: 60" H: 12" L: 164" MAKE-UP AIR PLENUM BOX: SIZE: W: 20" H: 6" L: 165"	CFM	INCLUDES: FACTORY STARTUP, ANSUL SYSTEM, CAPTRATE SOLO FILTERS, FLUORESCENT LIGHTS, BACKSPLASH, VERTICAL END PANELS, THE AUTOSTART SYSTEM. THERMAL SENSORS & CONTROLLER INSTALLED IN HOOD. AUTOSTART SYSTEM WILL AUTOMATICALLY START EXHAUST/ SUPPLY FANS BY USE OF FACTORY INSTALLED THERMOSTATS. DESIGNED TO COMPLY WITH UL710 STANDARDS & ULC710 STANDARDS. BUILT-IN 3" BACK STADOFF x1 & 1" LAYER OF INSULATION, FACTORY INSTALLED. VOLUME DAMPERS AT MAKE-UP AIR INTAKE AND STAINLESS STEEL CLOSURE PANEL AT HOOD PERIMETER.	HOOD DETAILS	ANCHORAGE DETAIL
H 1	CAPTIVE AIRE	6012 SND-2-PSP-F	660		3,150		SEE CAPTIVE AIRE SHEET NO.1	SEE STRUCT. 8/S-5.3

MAKE-UP AIR UNIT SCHEDULE

TAG	MAKE	MODEL	BLOWER	HOUSING	SERVES	CFM	OPERATING WEIGHT (LBS.)	WC ESP (")	ELECTRICAL DATA VOLT PHASE HP			OPTIONS: FACTORY STARTUP, DISCHARGE POSITION - HORIZONTAL, INTAKE HOOD W/ EZ FILTERS, SLOPED CURB, GRAVITY BACKDRAFT DAMPER FOR SIZE 2 UNTEMPERED FAN HOUSING, EXTRA SET OF V- BELTS, INSULATED BLOWER HOUSING SIZE 1-2 COMMERCIAL MODULAR. WHEN FIRE-EXTINGUISHING SYSTEM DISCHARGES, MAKE-UP AIR FAN SHALL SHUT DOWN. (INTERLOCK OPERATION).	MAKE-UP AIR UNIT DETAILS	ANCHORAGE DETAIL
MAU 1	CAPTIVE AIRE	A2-20D	20MF-2-MOD	A2	KITCHEN	3,150	442	0.4	208	3	1.0		SEE CAPTIVE AIRE SHEET NO.2	3/M-4.0

EXHAUST FAN SCHEDULE

TAG	AREA SERVED	MAKE	MODEL	HOOD TYPE	OPERATING WEIGHT (LBS.)	CFM	WC ESP (")	ELECTRICAL DATA VOLT PHASE HP			ANCHORAGE DETAIL
EF 1	KITCHEN	CAPTIVE AIRE	DU180HFA	I	262	3,150	1.6				2/M-4.0

NOTES: ROOF MOUNTED, RESTAURANT MODEL, UL762, AMCA SOUND AND AIR CERTIFIED, VARIABLE SPEED CONTROL, WIRING FROM MOTOR TO DISCONNECT SWITCH, WEATHERPROOF DISCONNECT, HIGH HEAT OPERATION 300°F, & GREASE CLASSIFICATION TESTING.

					EXHAUST FAN DETAILS	
					SEE CAPTIVE AIRE SHEETS NO.2&4	

TAG	AREA SERVED	MAKE	MODEL	OPERATING WEIGHT (LBS.)	CFM	WC ESP (")	ELECTRICAL DATA VOLT PHASE WATTS			NOTES: PROVIDE FLEX CONNECTORS ON OUTLET. CONTROL VIA OCCUPANCY SENSOR WITH 10 MIN. TIME DELAY. WITH BACKDRAFT DAMPER.	ANCHORAGE DETAIL
EF 2	RESTROOM	PANASONIC	FV-11-15VK1	13.15	130	0.25	120	1	16.8		4/M-4.2

AIR CURTAIN SCHEDULE

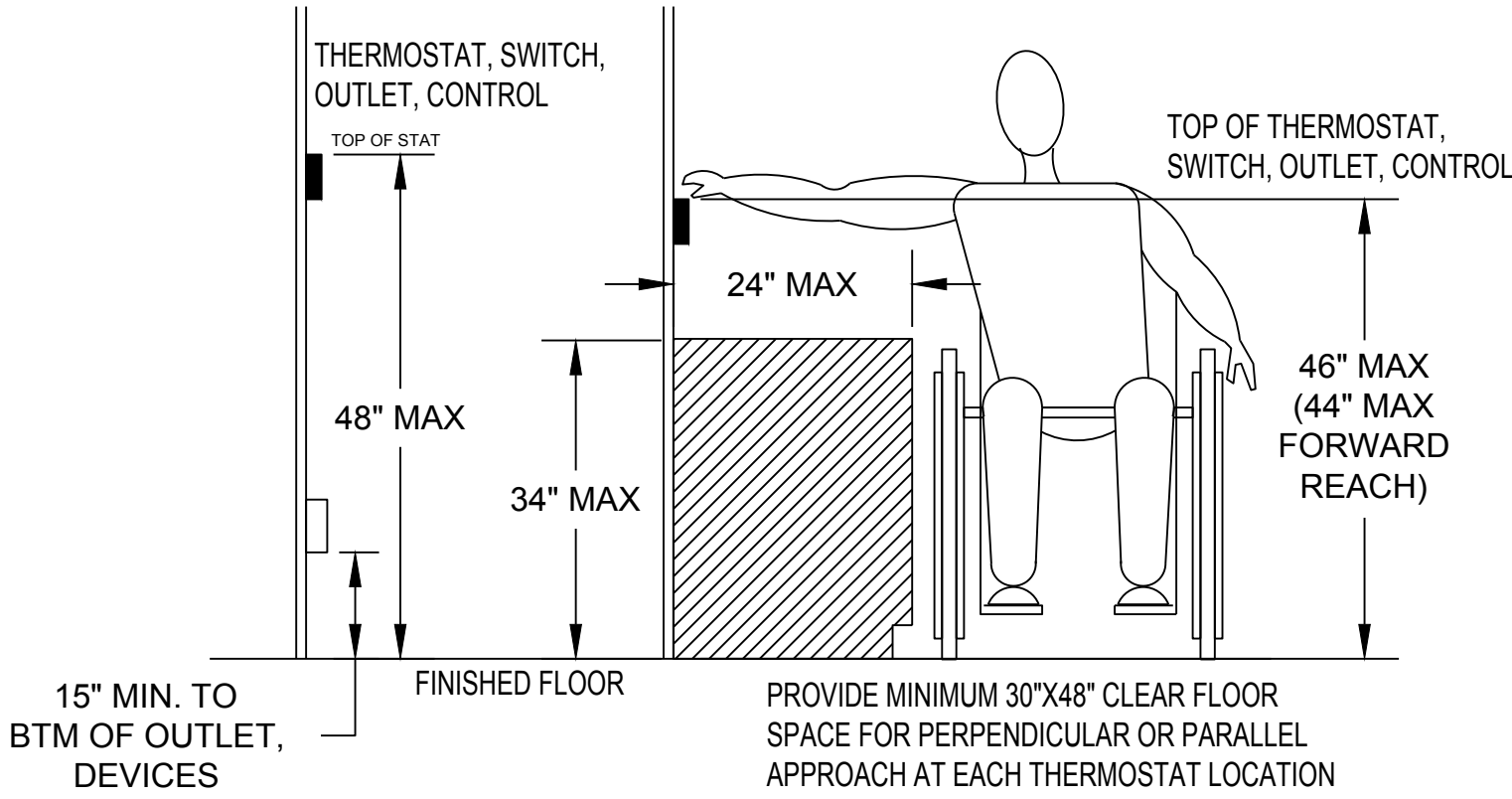
TAG	MAKE	MODEL	OPERATING WEIGHT (LBS.)	CFM	AVG. VELOCITY (FPM)	ELECTRICAL DATA VOLT PHASE HP			NOTES: FACTORY INSTALLED INTELLISWITCH DIGITAL CONTROLLER, WHITE ALUMINUM EXTERIOR PANEL, WASHABLE FILTER AND MAGNETIC DOOR SWITCH.	ANCHORAGE DETAIL
C 1	BERNER INT'L.	ARD12-1042AA	108	1,581	1,549	120	1	1/2		5/M-4.2

AIR DISTRIBUTION SCHEDULE

CD	CEILING DIFFUSER. KRUEGER, 1100, SURFACE MOUNT. PERFORATED FACE, WHITE. 24"x24" PANEL. SQUARE NECK, 18"x18".
SR	SUPPLY REGISTER. KRUEGER 5880. WHITE. SIZE ON PLANS.
SRS	SUPPLY REGISTER SPIRAL. KRUEGER 5DMGDR, WITH OPTIONAL DAMPER/ EXTRACTOR. SIZE ON PLANS.
RAS1	RETURN AIR REGISTER. KRUEGER, 56490, SURFACE MOUNT. PERFORATED FACE, WHITE. 12"x12" PANEL. SQUARE NECK, 10"x10".
RAS2	RETURN AIR REGISTER. KRUEGER, 56490, SURFACE MOUNT. PERFORATED FACE, WHITE. 24"x24" PANEL. SQUARE NECK, 16"x16".
RAG	RETURN AIR GRILLE. KRUEGER AFS580, STEEL FRAME, 3/4" SPACING. WHITE. SURFACE MOUNT, SINGLE DEFLECTION, SIZE ON PLANS.

CONTROL SCHEDULE

T 1	THERMOSTAT. PELICAN - MODEL TS200. PROGRAMMABLE. INTERNET CONNECTIVITY. VERIFY LOCATION W/ ARCH. PROVIDE WIRING BETWEEN UNIT AND THERMOSTAT.
R 1	PELICAN ROUTER. LOCATE IN IT ROOM. PROVIDE PATCH CABLE OBTAIN IP ADDRESS FROM IT DEPT. INTEGRATE INTO CAMPUS NETWORK



MOUNTING HEIGHTS OVER OBSTRUCTIONS

SCALE: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

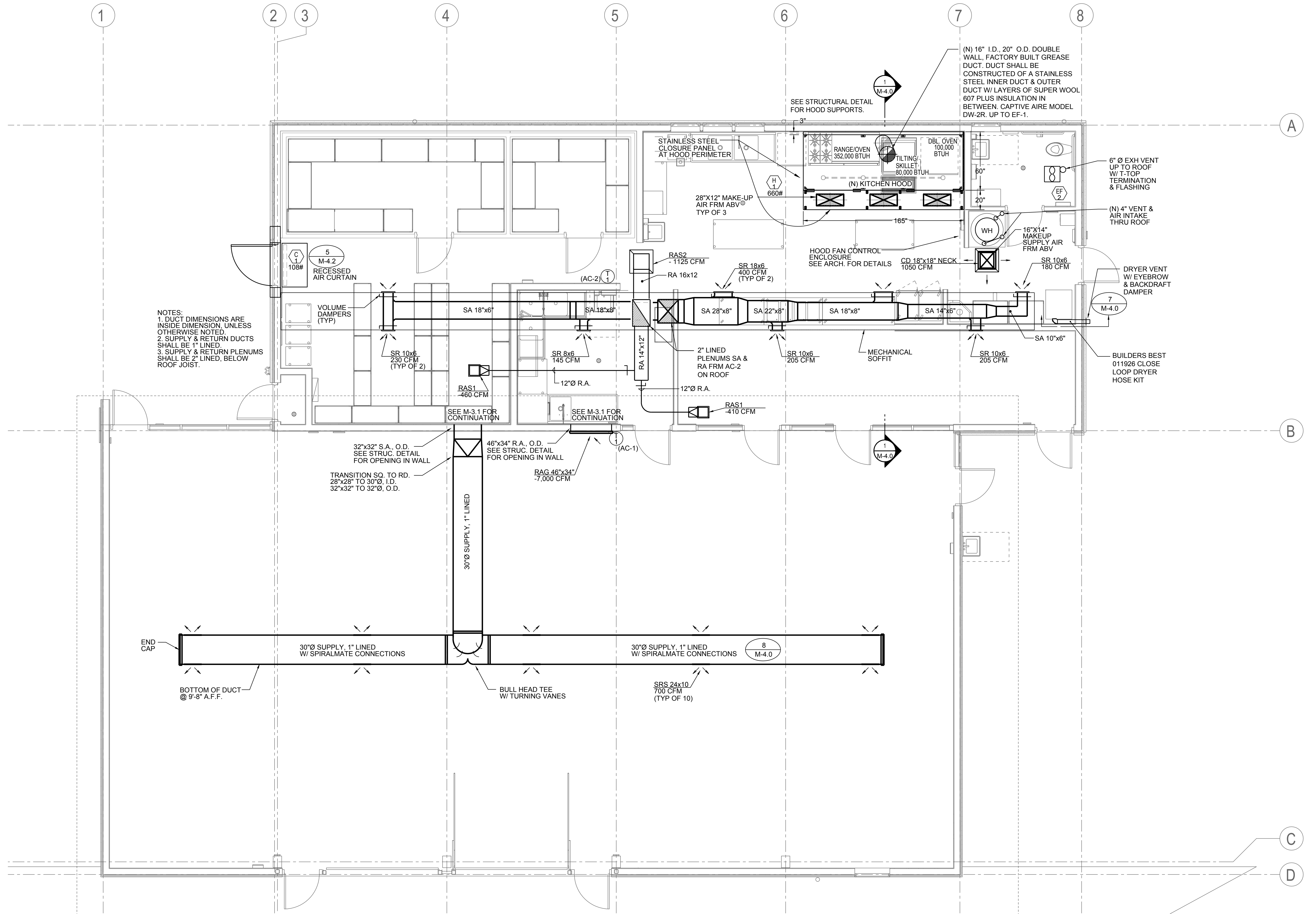
Sheet Name

MECHANICAL
SCHEDULES

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

M-1.1

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 MECHANICAL FLOOR PLAN
1/4" = 1'-0"



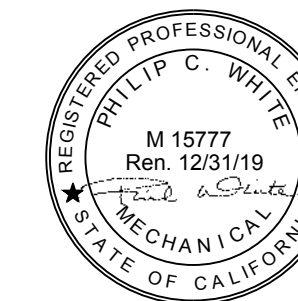
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roelsing Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegroupme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

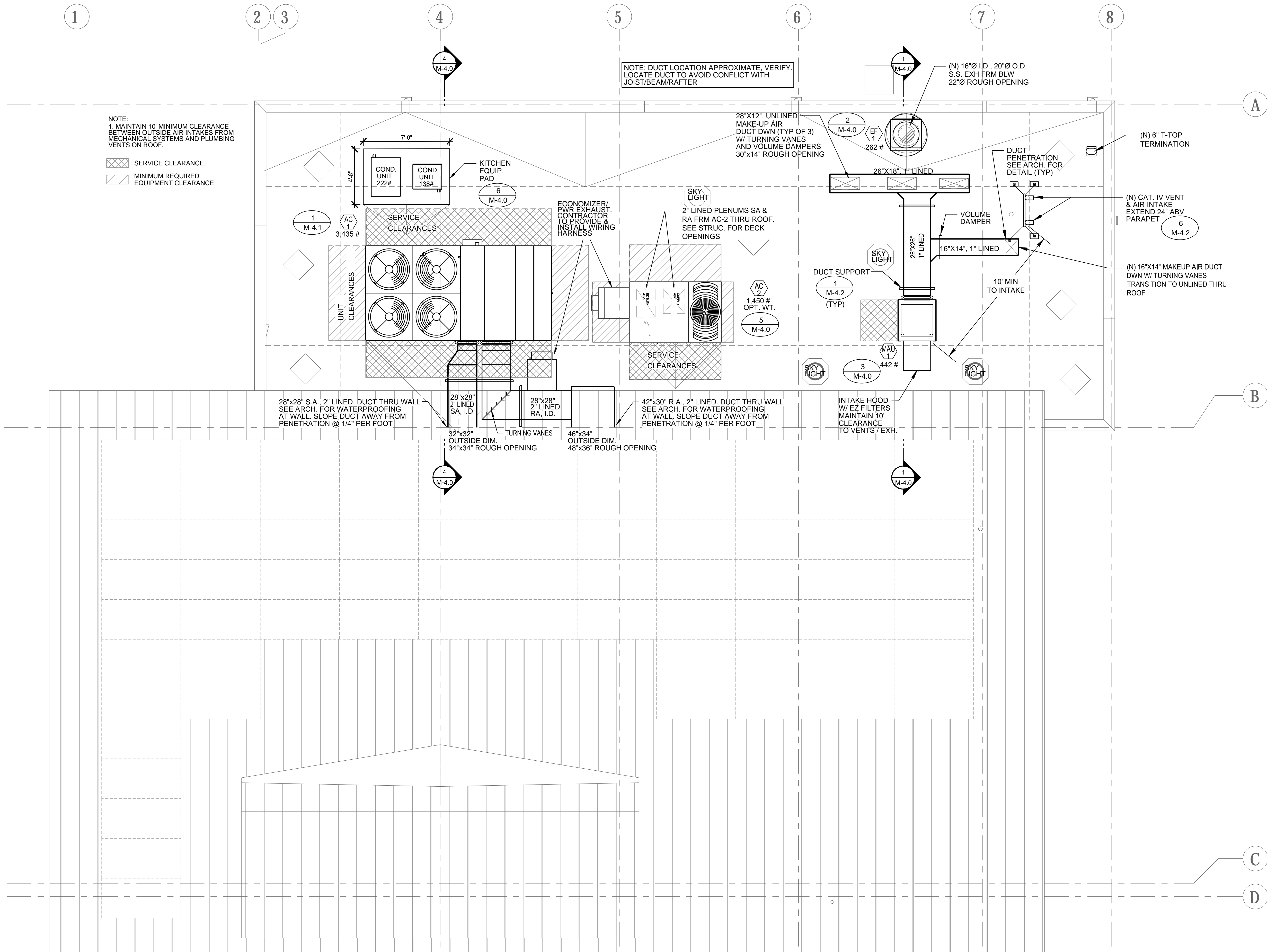
Sheet Name

MECHANICAL
FLOOR PLAN

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

M-3.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 MECHANICAL ROOF PLAN
1/4" = 1'-0"

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegroupme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

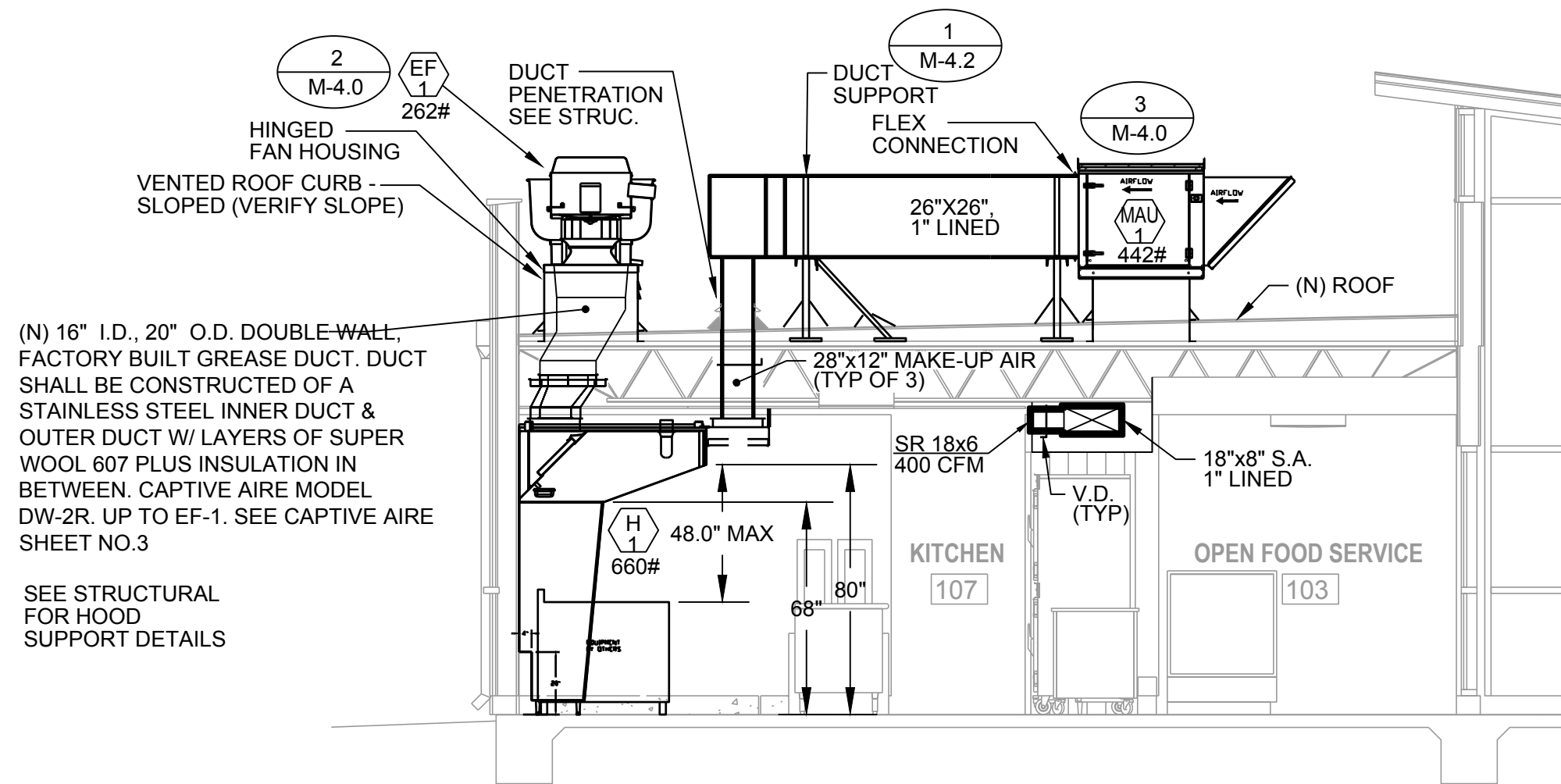
Sheet Name

MECHANICAL
ROOF PLAN

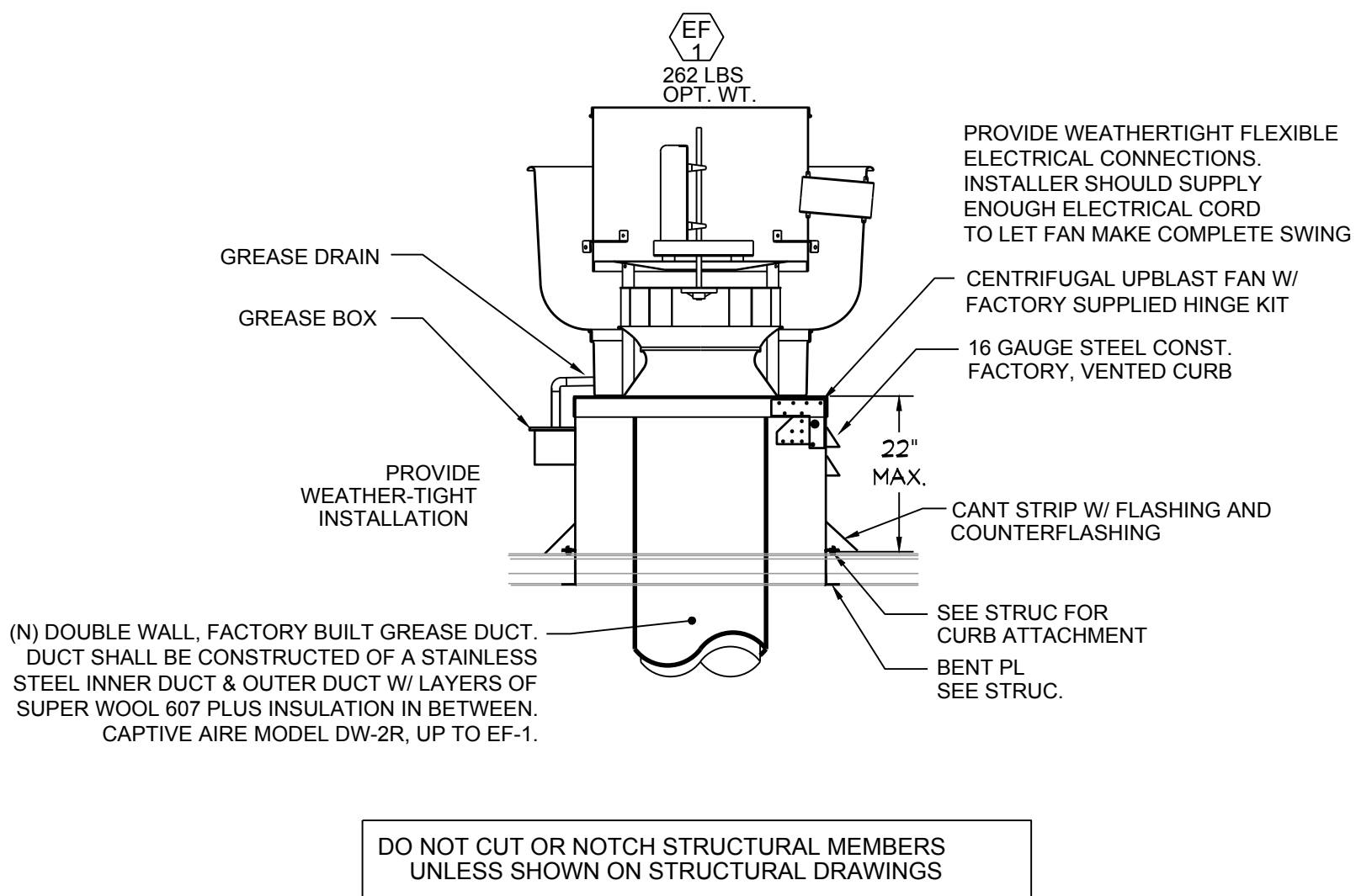
RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	M-3.1



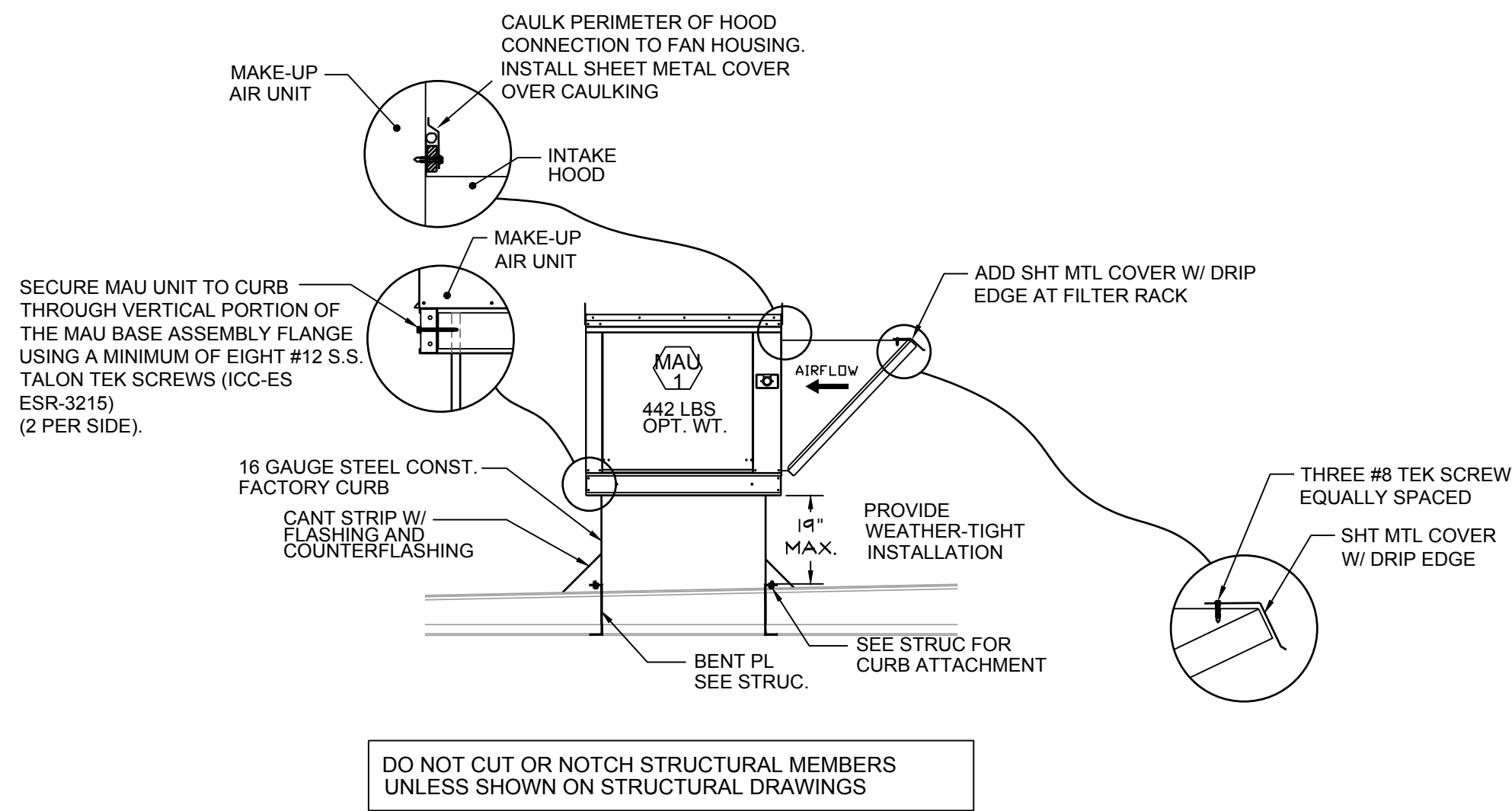
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



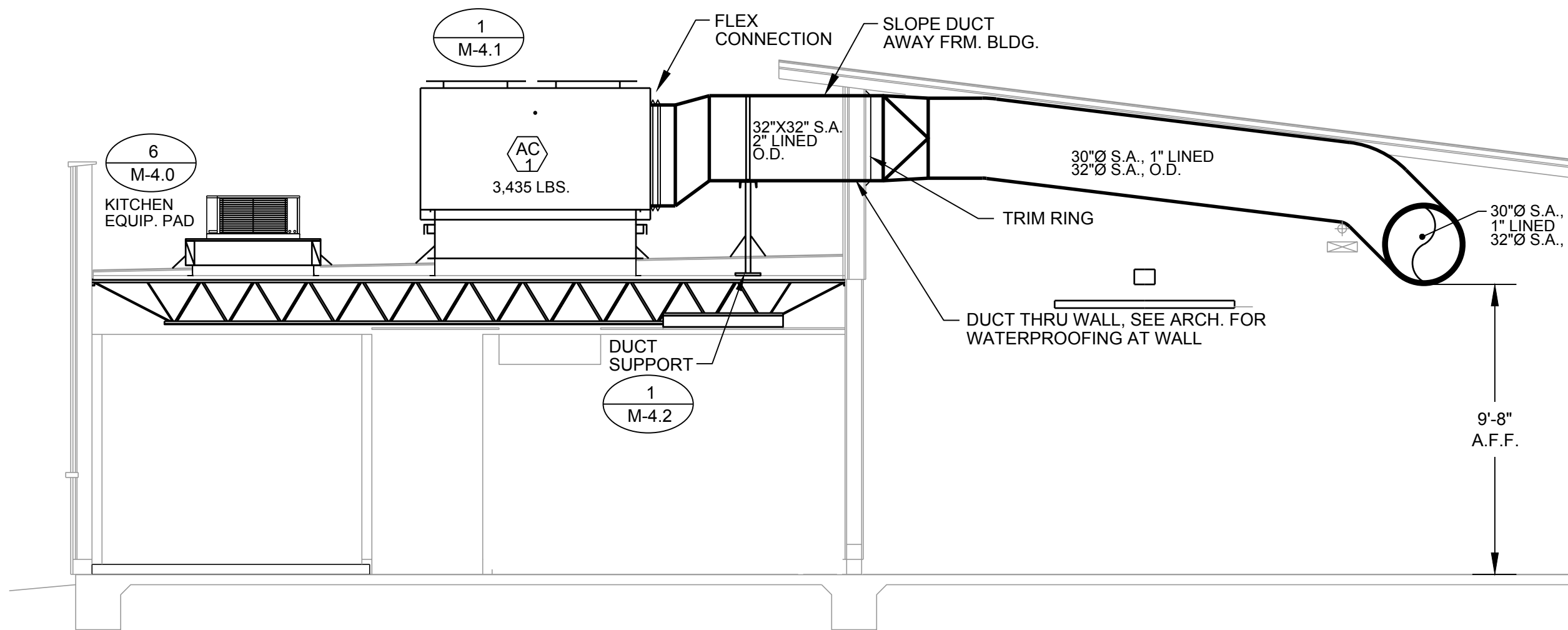
1 MECHANICAL SECTION DETAIL
M-4.0 SCALE: NONE



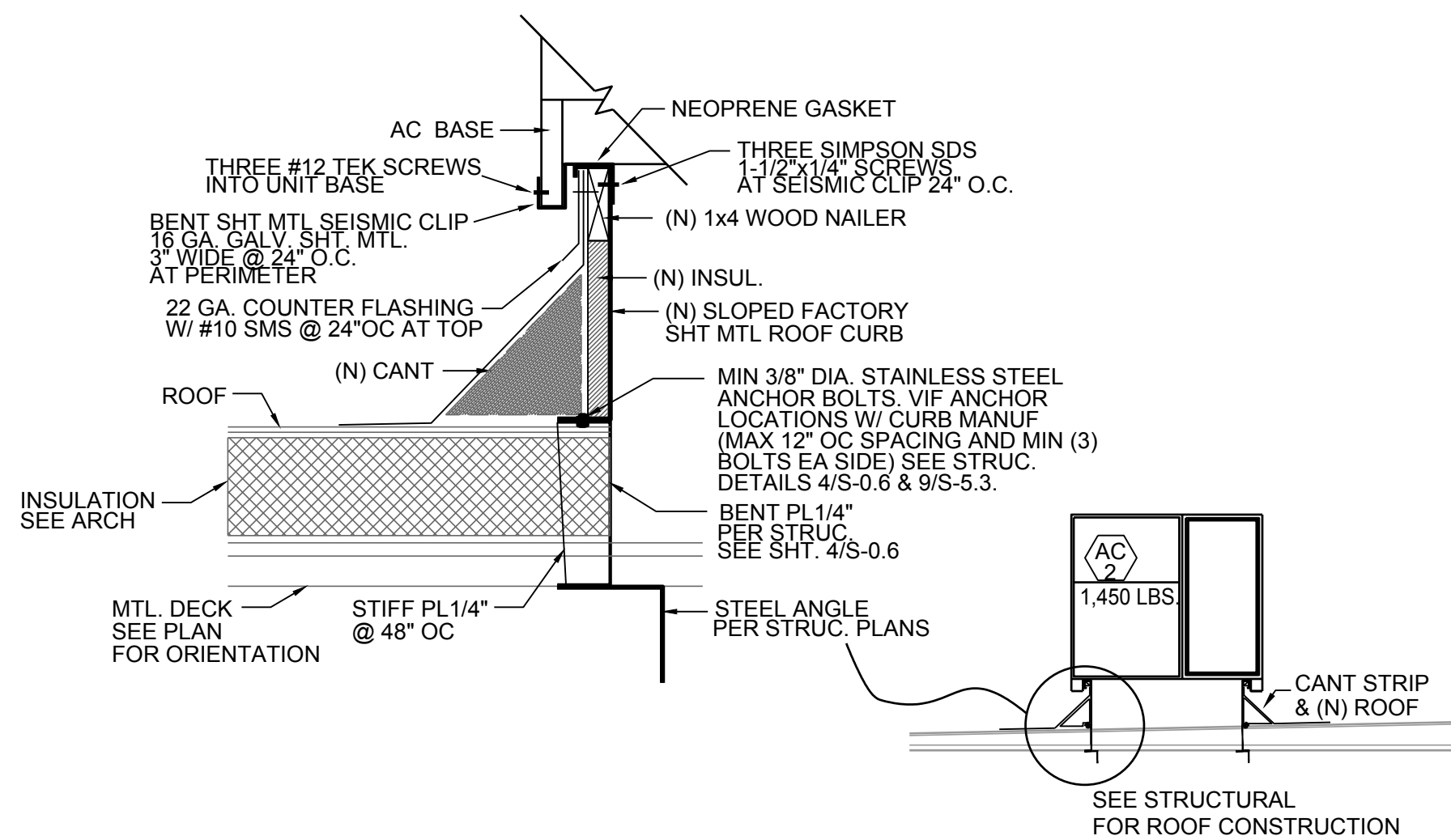
2 EXHAUST FAN (EF-1) MOUNTING DETAIL
M-4.0 SCALE: NONE



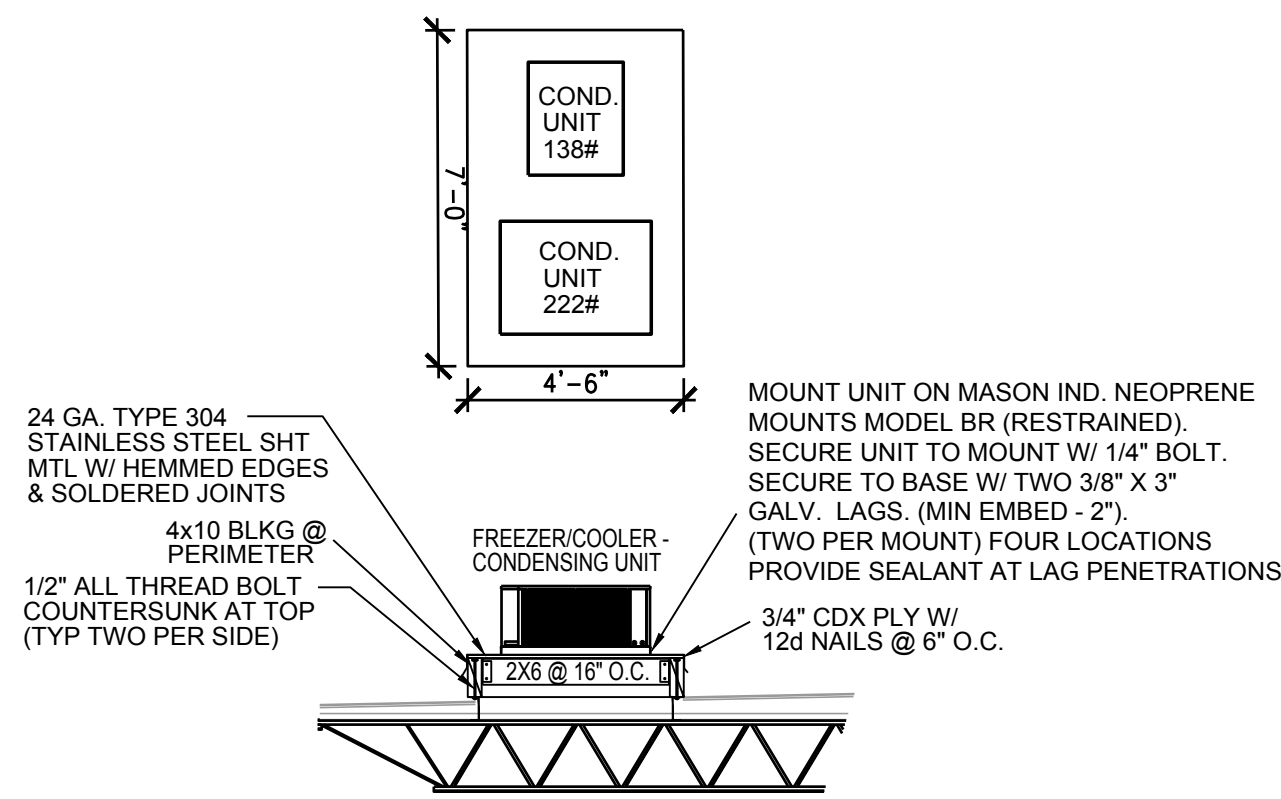
3 MAKEUP AIR UNIT MOUNTING DETAIL
M-4.0 SCALE: NONE



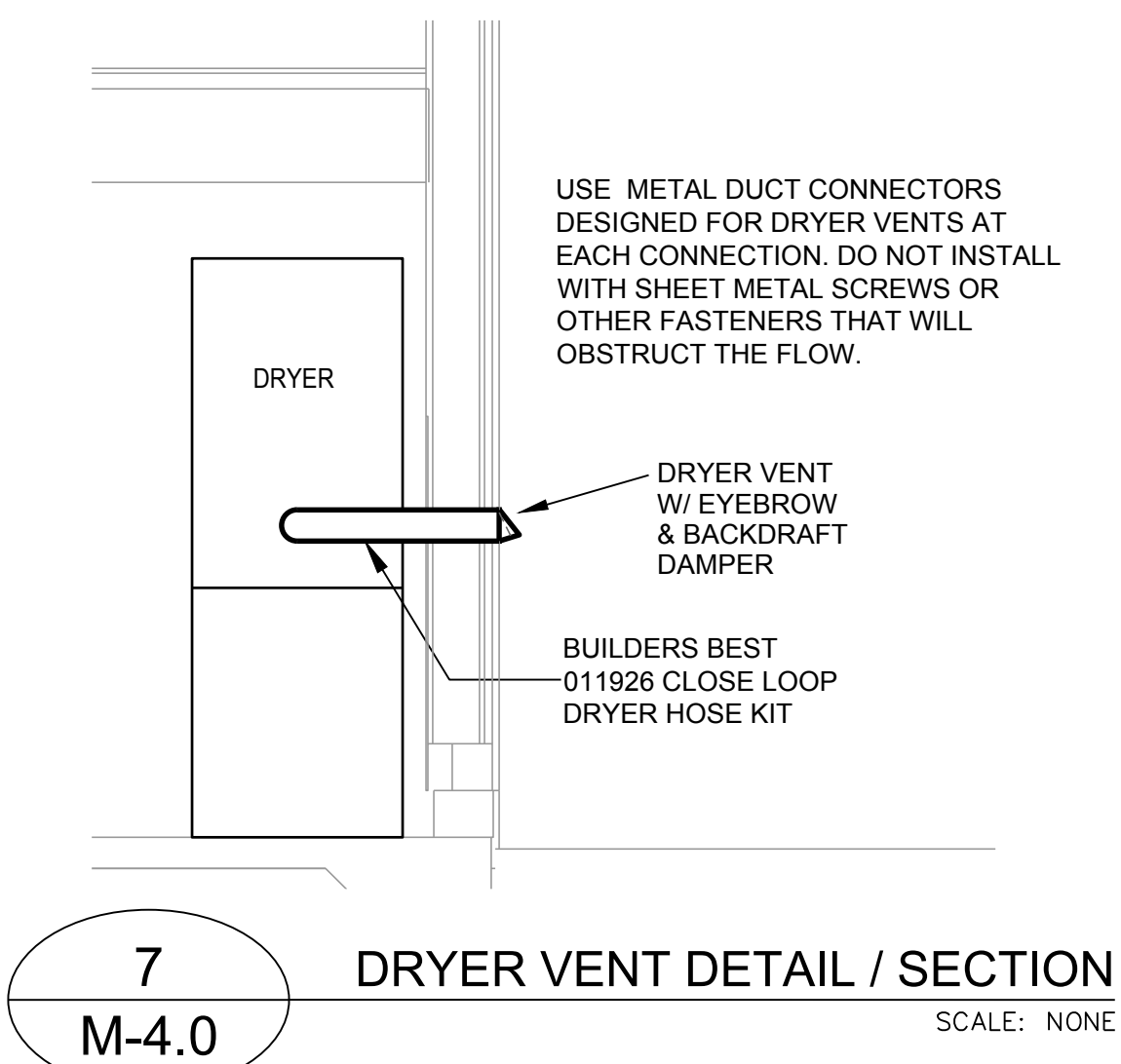
4 MECHANICAL SECTION DETAIL
M-4.0 SCALE: NONE



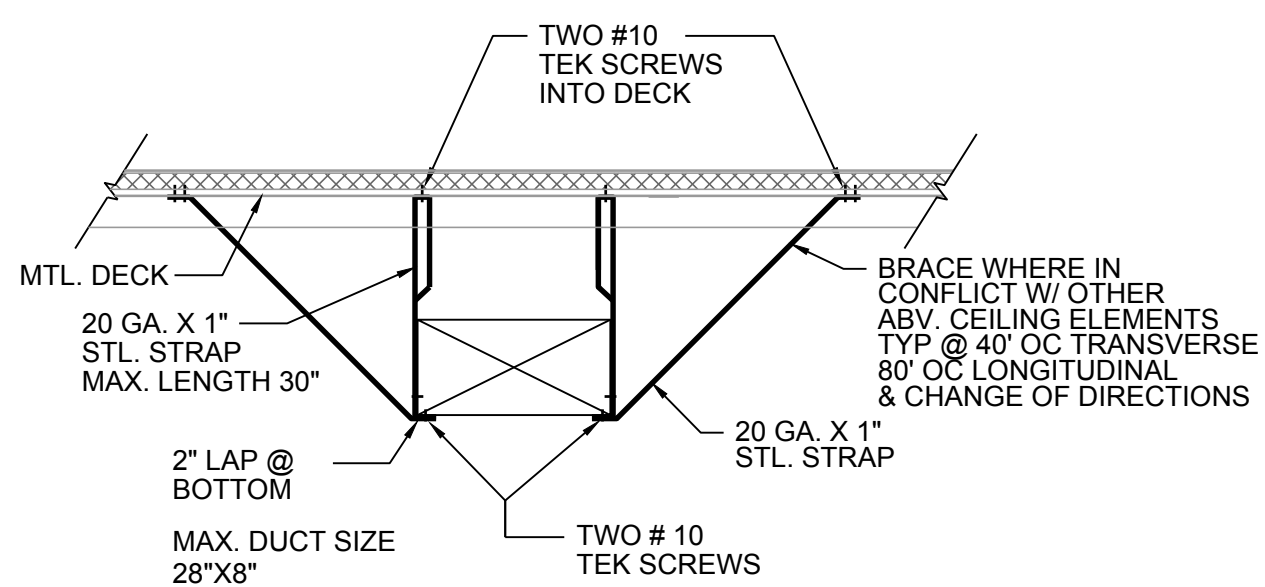
5 PACKAGED ROOFTOP (AC-2) MOUNTING DETAIL
M-4.0 SCALE: NONE



6 KITCHEN EQUIPMENT PAD DETAIL
M-4.0 SCALE: NONE

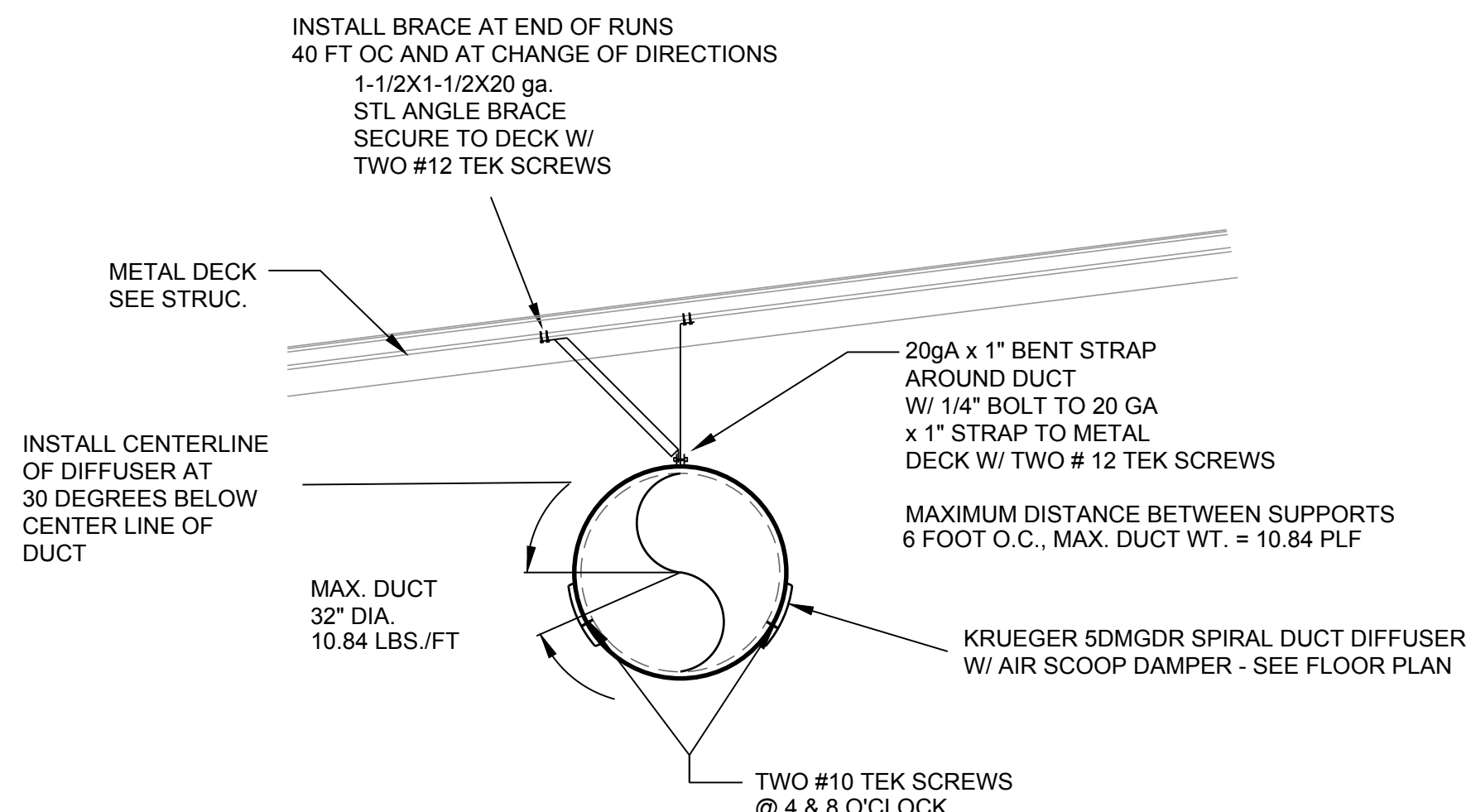


7 DRYER VENT DETAIL / SECTION
M-4.0 SCALE: NONE



RECTANGULAR

8 DUCT SUPPORT DETAILS
M-4.0 SCALE: NONE



ROUND

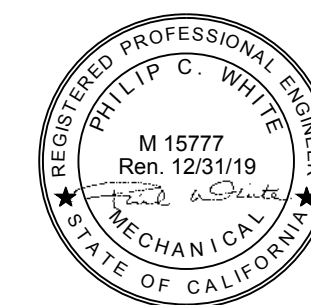
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrouppme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

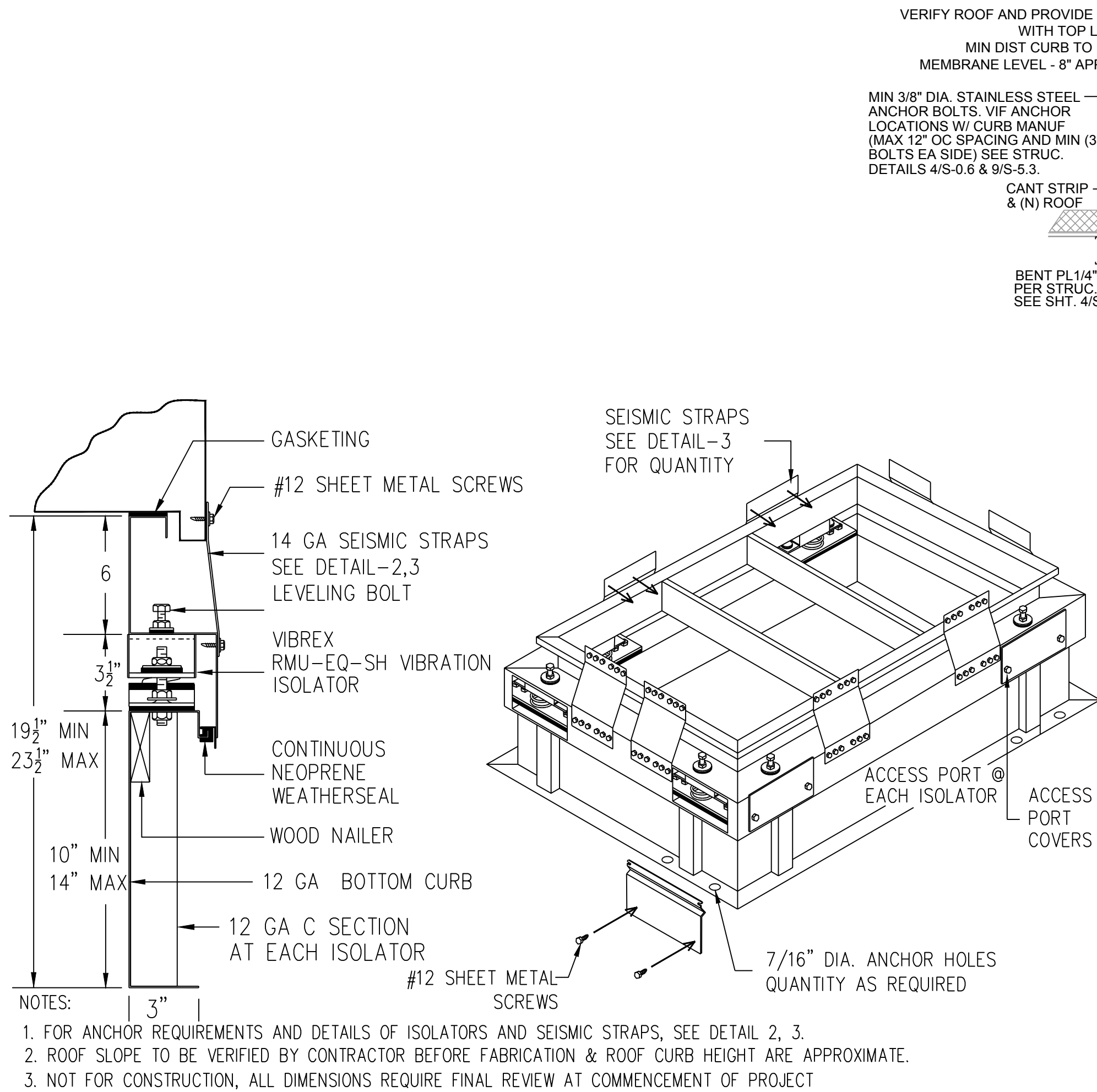
Sheet Name

MECHANICAL
DETAILS

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

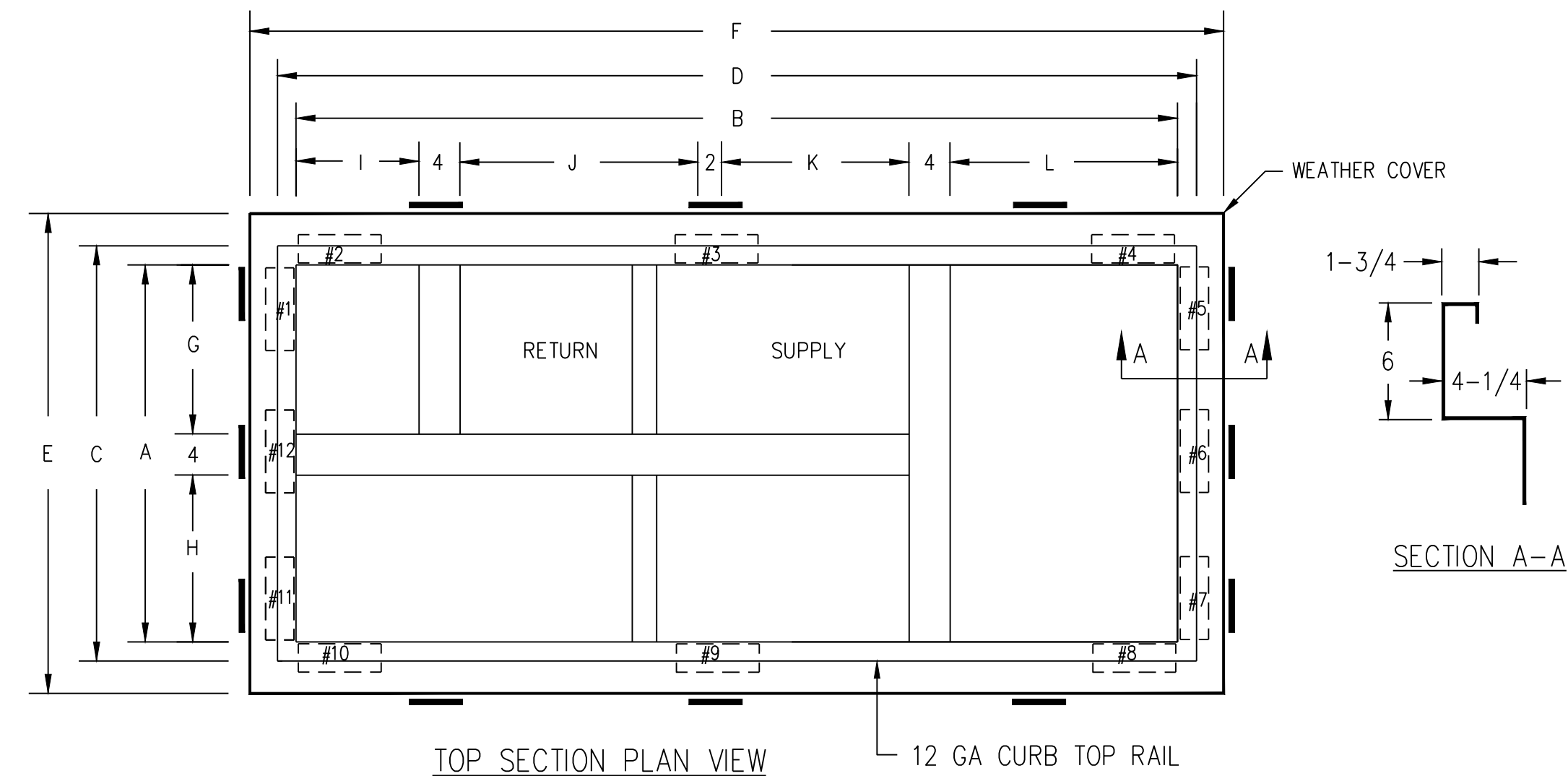
M-4.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

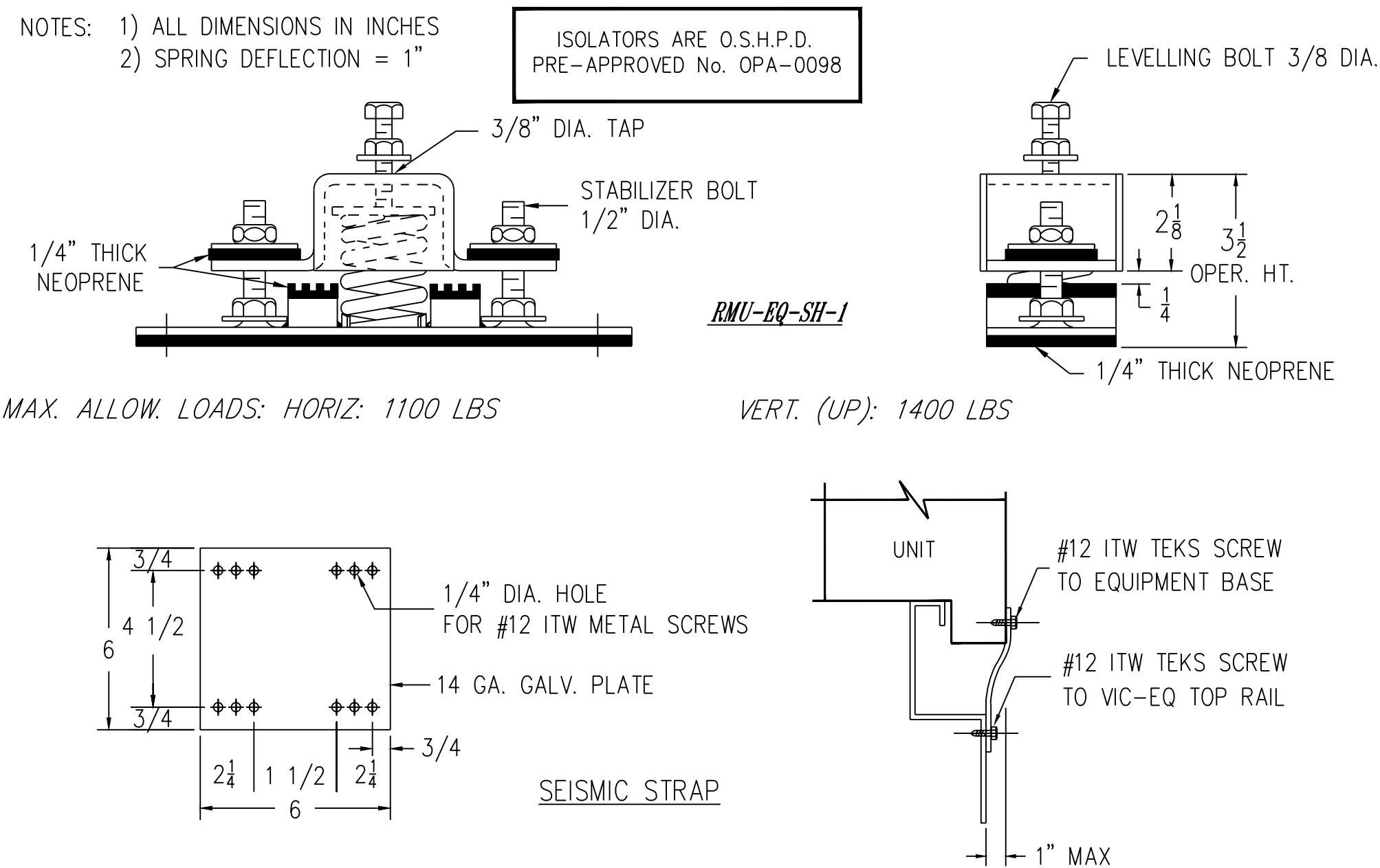
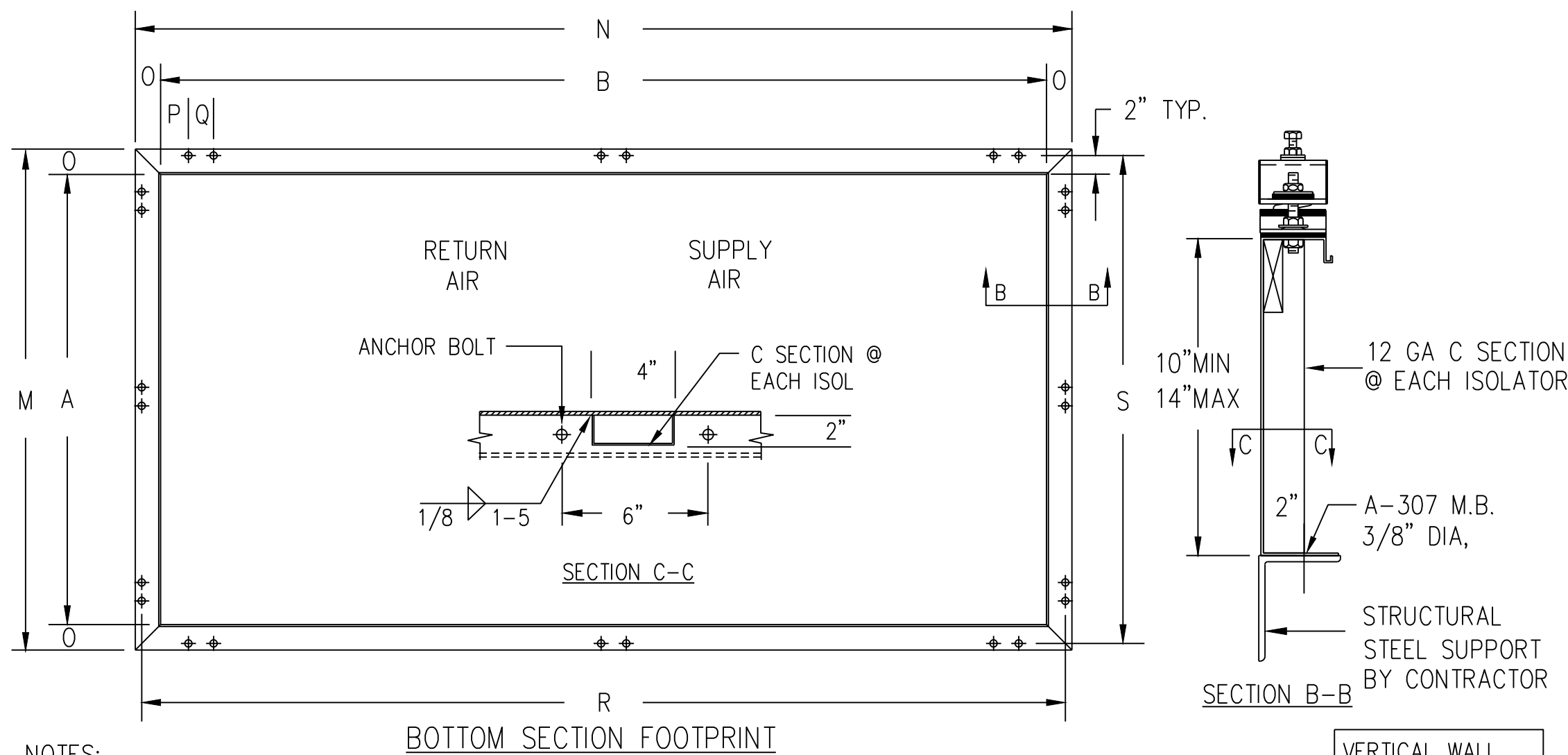


- NOTES:
- 1) — INDICATES SEISMIC TIE-DOWN PLATE. (3) REQUIRED PER SIDE, SEE DETAIL 2.
 - 2) #1 THRU # 12, INDICATE ISOLATOR LOCATIONS. SEE DETAIL 2.

MARK	MAKE	TYPE	SIZE	VIC-EQ WT.
AC-1	YORK	ZJ	210	520 #

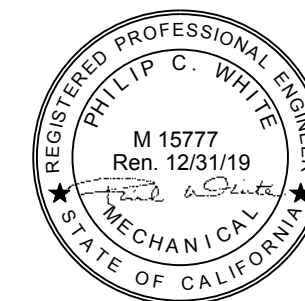


A	B	C	D	E	F	G	H	I	J	K	L
80	122-1/4	83-1/2	125-3/4	88-1/2	130-3/4	35-7/8	40-1/8	25-1/4	33-1/8	22-3/4	31-1/8
				M	N	O	P	Q	R	S	T
				86	128-1/4	3	3	6	126-1/4	84	--



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

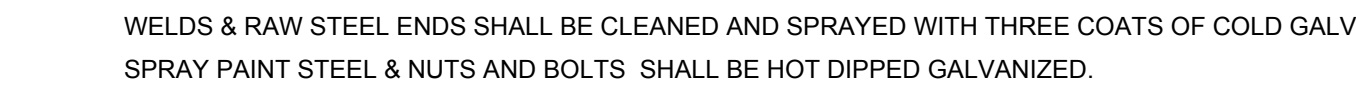
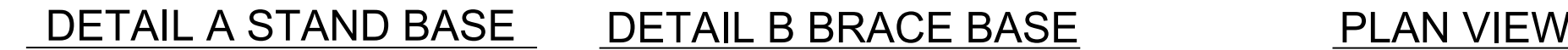
Revisions		
No.	Description	Date

Sheet Name

MECHANICAL DETAILS

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or a

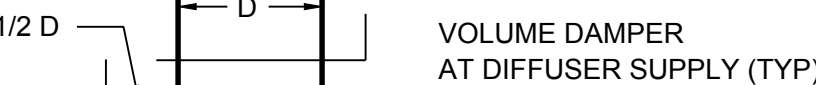


1 DUCT SUPPORT DETAIL
M-4.2 SCALE: NONE



AIR DISTRIBUTION DETAILS (TYP)

SCALE: NONE



3

TYPICAL DUCT CONSTRUCTION & SUPPORT STANDARDS

SCALE: NONE



4

M-4.2

EXHAUST FAN (EF-2) DETAIL

SCALE: NONE



5 AIR CURTAIN MOUNTING DETAIL
M-42 SCALE: NONE



6 WATER HEATER VENT & FRESH AIR INTAKE
M42 SCALE: NONE

03-119638

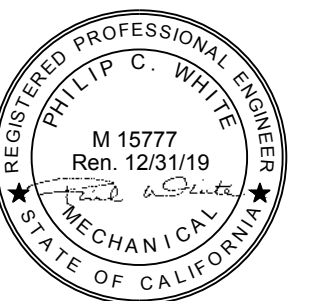
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
 838 East Front Street
 Ventura, California 93001
 (805) 653-1722 FAX: (805) 653-7260
phil@aegroupme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

[illegible]

Sheet Name

MECHANICAL DETAILS

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

M-4.2

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 1 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

A. PROJECT GENERAL INFORMATION			
1. Project Location (city)	Ojai	8. Standards Version	Compliance2016
2. CA Zip Code	93023	9. Compliance Software (version)	EnergyPro 7.2
3. Climate Zone	9	10. Weather File	VAN-NUVS_722886_CZ2010.epw
4. Total Conditioned Floor Area in Scope	4,011 ft ²	11. Building Orientation (deg)	(E) 90 deg
5. Total Unconditioned Floor Area	0 ft ²	12. Permitted Scope of Work	ExistingAdditionAndAlteration
6. Total # of Stories (Habitable Above Grade)	1	13. Building Type(s)	Nonresidential
7. Total # of dwelling units	0	14. Gas Type	NaturalGas

B. COMPLIANCE RESULTS FOR PERFORMANCE COMPONENTS (Annual TDV Energy Use, kBtu/ft ² -yr)					\$ 140.1
BUILDING COMPLIES					
1. Energy Component	2. Standard Design (TDV)	3. Proposed Design (TDV)	4. Compliance Margin (TDV)	5. Percent Better than Standard	
Space Heating	0.33	0.02	0.31	93.9%	
Space Cooling	159.86	115.62	44.24	27.7%	
Indoor Fans	158.31	174.16	-15.85	-10.0%	
Heat Rejection	--	--	--	--	
Pumps & Misc.	--	--	--	--	
Domestic Hot Water	87.86	89.26	-1.40	-1.6%	
Indoor Lighting	115.66	115.66	--	0.0%	
COMPLIANCE TOTAL	522.02	494.72	27.30	5.2%	
Receptacle	95.34	95.34	0.0	0.0%	
Process	59.04	59.04	0.0	0.0%	
Other Utg	--	--	--	--	
Process Motors	--	--	--	--	
TOTAL	676.40	649.10	27.3	4.0%	

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 4 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY			
The following building components are only eligible for prescriptive compliance. Indicate which are relevant to the project.		The following building components may have mandatory requirements per Part 6. Indicate which are relevant to the project.	
Yes	NA	Prescriptive Requirement	Compliance Forms
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Indoor Unconditioned) §140.6	NRCC-LTI-01 / 02 / 03 / 04 / 05-E
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Outdoor) §140.7	NRCC-LTO-01 / 02 / 03-E
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lighting (Sign) §140.8	NRCC-LTS-01-E
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solar Thermal Water Heating: §140.5	NRCC-STH-01-E

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 2 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

C. PRIORITY PLAN CHECK/ INSPECTION ITEMS (in order of highest to lowest TDV energy savings)	
1st Space Cooling: Check envelope and mechanical	<div>Compliance Margin By Energy Component (from Table B column 4)</div> <div>Space Cooling Space Heating Heat Rejection Pumps & Misc. Indoor Lighting Domestic Hot Water Indoor Fans</div> <div>Penalty Energy Credit</div>
2nd Space Heating: Check envelope and mechanical	
3rd Heat Rejection: Check envelope and mechanical	
4th Pumps & Misc.: Check mechanical	
5th Indoor Lighting: Check lighting	
6th Domestic Hot Water: Check mechanical	
7th Indoor Fans: Check envelope and mechanical	

D. EXCEPTIONAL CONDITIONS
The aged solar reflectance and aged thermal emittance must be listed in the Cool Roof Rating Council database of certified products. For projects where initial reflectance is used, the initial reflectance must be listed, and the aged reflectance is calculated by the software program and used in the compliance model.
This project uses the Simplified Geometry Performance Modeling Approach which is not capable of modeling daylighting controls and assumes the prescriptive Secondary Daylit Control requirements are met. PRESCRIPTIVE COMPLIANCE documentation (form NRCC-LTI-02-E) for the requirements of section 140.6(d) Automatic Daylighting Controls in Secondary Daylit Zones is required.
This project includes Domestic Hot Water in the analysis. Please verify that Domestic Hot Water is included in the design for the permitted scope of work.

E. HERS VERIFICATION
This Section Does Not Apply

F. ADDITIONAL REMARKS
Floor Plan D

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 5 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRCV) – Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.		Confirmed	
Building Component	Compliance Forms (required for submittal)	Pass	Fail
Envelope	<input checked="" type="checkbox"/> NRCI-ENV-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-ENV-02-F- NFRC label verification for fenestration	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCI-MCH-01-E - For all buildings with Mechanical Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-02-A - Outdoor Air	<input type="checkbox"/>	<input type="checkbox"/>
Mechanical	<input checked="" type="checkbox"/> NRCA-MCH-03-A – Constant Volume Single Zone HVAC	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-04-H- Air Distribution Duct Leakage	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-05-A- Air Economizer Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-06-A- Demand Control Ventilation	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-07-A – Supply Fan Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-08-A- Valve Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-09-A – Supply Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-10-A- Hydronic System Variable Flow Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-11-A – Auto Demand Shed Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-MCH-12-A- Packaged Direct Expansion Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-13-A- Air Handling Units and Zone Terminal Units	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-14-A- Distributed Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-15-A – Thermal Energy Storage	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-16-A- Supply Air Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-17-A – Condensate Water Temp Reset Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-MCH-18-A- Energy Management Controls Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCV-MCH-04-H- Duct Leakage Test	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 3 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

G. COMPLIANCE PATH & CERTIFICATE OF COMPLIANCE SUMMARY			
Identify which building components use the performance or prescriptive path for compliance. "NA"= not in project			
For components that utilize the performance path, indicate the sheet number that includes mandatory notes on plans.			
Building Component	Compliance Path	Compliance Forms (required for submittal)	Location of Mandatory Notes on Plans
Envelope	<input checked="" type="checkbox"/> Performance	NRCC-PRF-ENV-DETAILS (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-ENV-01 / 02 / 03 / 04 / 05 / 06-E	
	<input type="checkbox"/> NA		
Mechanical	<input checked="" type="checkbox"/> Performance	NRCC-PRF-MCH-DETAILS (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-MCH-01 / 02 / 03 / 04 / 05 / 06 / 07-E	
	<input type="checkbox"/> NA		
Domestic Hot Water	<input checked="" type="checkbox"/> Performance	NRCC-PRF-PLB-DETAILS (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-PLB-01-E	
	<input type="checkbox"/> NA		
Lighting (Indoor Conditioned)	<input type="checkbox"/> Performance	NRCC-PRF-LTI-DETAILS (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-LTI-01 / 02 / 03 / 04 / 05-E	
	<input checked="" type="checkbox"/> NA		
Covered Process: Commercial Kitchens	<input type="checkbox"/> Performance	S2 (section of the NRCC-PRF-01-E)	
	<input checked="" type="checkbox"/> Prescriptive	NRCC-PRC-01/ 03-E	
	<input type="checkbox"/> NA		
Covered Process: Computer Rooms	<input type="checkbox"/> Performance	S3 (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-PRC-01/ 04-E	
	<input checked="" type="checkbox"/> NA		
Covered Process: Laboratory Exhaust	<input type="checkbox"/> Performance	S4 (section of the NRCC-PRF-01-E)	
	<input type="checkbox"/> Prescriptive	NRCC-PRC-01/ 09-E	
	<input checked="" type="checkbox"/> NA		

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 6 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRCV) – Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.		Confirmed	
Building Component	Compliance Forms (required for submittal)	Pass	Fail
Plumbing	<input checked="" type="checkbox"/> NRCI-PLB-01-E - For all buildings with Plumbing Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-PLB-02-E - required on central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-PLB-03-E - Single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-PLB-21-E - HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-PLB-22-E - HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCV-PLB-21-H- HERS verified central systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCV-PLB-22-H- HERS verified single dwelling unit systems in high-rise residential, hotel/motel application.	<input type="checkbox"/>	<input type="checkbox"/>
Indoor Lighting	<input type="checkbox"/> NRCI-STH-01-E - Any solar water heating	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-01-E - For all buildings	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-02-E - Lighting control system, or for an Energy Management Control System (EMCS)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-03-E - Line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-04-E - Two interlocked systems serving an auditorium, a convention center, a conference room, or a theater	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-05-E - Lighting Control Credit Power Adjustment Factor (PAF)	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTI-06-E - Additional wattage installed in a video conferencing studio	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-LTI-02-A - Occupancy sensors and automatic time switch controls.	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-LTI-03-A - Automatic daylighting controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-LTI-04-A - Demand responsive lighting controls	<input type="checkbox"/>	<input type="checkbox"/>
Outdoor Lighting	<input type="checkbox"/> NRCI-LTO-01-E – Outdoor Lighting	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCI-LTO-02-E- EMCS Lighting Control System	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-LTO-02-A – Outdoor Lighting Control	<input type="checkbox"/>	<input type="checkbox"/>
Sign Lighting	<input type="checkbox"/> NRCI-LTS-01-E – Sign Lighting	<input type="checkbox"/>	<input type="checkbox"/>
Electrical	<input type="checkbox"/> NRCI-ELC-01-E - Electrical Power Distribution	<input type="checkbox"/>	<input type="checkbox"/>
Photovoltaic	<input type="checkbox"/> NRCI-SPV-01-E Photovoltaic Systems	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

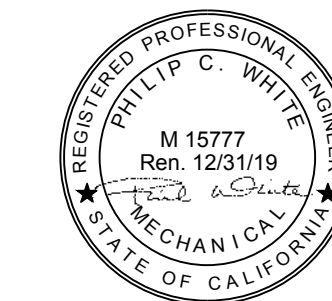
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phl@aegroupme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

ENERGY
FORMS

RNT Job No. 17759.04 / AE201861
Date 02/04/2019
Drawn by TP
Checked by PW/HM
Sheet Number

EN-1.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 7 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

H. CERTIFICATE OF INSTALLATION, CERTIFICATE OF ACCEPTANCE & CERTIFICATE OF VERIFICATION SUMMARY (NRCI/NRCA/NRCV) – Documentation Author to indicate which Certificates must be submitted for the features to be recognized for compliance (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify). See Tables G. and H. in MCH and LTI Details Sections for Acceptance Tests and forms by equipment.	Confirmed		
Building Component	Compliance Forms (required for submittal)	Pass	Fail
Covered Process	<input type="checkbox"/> NRCI-PRC-01-E Covered Processes	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-01-F Compressed Air Systems	<input type="checkbox"/>	<input type="checkbox"/>
	<input checked="" type="checkbox"/> NRCA-PRC-02-F Kitchen Exhaust	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-03-F Garage Exhaust	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-04-F Refrigerated Warehouse- Evaporator Fan Motor Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-05-F Refrigerated Warehouse- Evaporator Condenser Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-06-F Refrigerated Warehouse- Air Cooled Condenser Controls	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-07F Refrigerated Warehouse-Variable Speed Compressor	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/> NRCA-PRC-08-F Electrical Resistance Underslab Heating System	<input type="checkbox"/>	<input type="checkbox"/>

I. ENVELOPE GENERAL INFORMATION (See NRCC-PRF-ENV-DETAILS for more information)						Confirmed	
1.	Total Conditioned Floor Area	4,011 ft²	5.	Number of Floors Above Grade	1	Pass	Fail
2.	Total Unconditioned Floor Area	0 ft²	6.	Number of Floors Below Grade	0		
3.	Addition Conditioned Floor Area	4,011 ft²					
4.	Addition Unconditioned Floor Area	0 ft²					
7. Opaque Surfaces & Orientation		8. Total Gross Surface Area	9. Total Fenestration Area	10. Window to Wall Ratio			
North Wall		830 ft²	306 ft²	37.4%		<input type="checkbox"/>	<input type="checkbox"/>
East Wall		711 ft²	102 ft²	14.4%		<input type="checkbox"/>	<input type="checkbox"/>
South Wall		1,040 ft²	379 ft²	36.4%		<input type="checkbox"/>	<input type="checkbox"/>
West Wall		649 ft²	4 ft²	00.6%		<input type="checkbox"/>	<input type="checkbox"/>
Total		3,220 ft²	791 ft²	24.6%		<input type="checkbox"/>	<input type="checkbox"/>
Roof		4,011 ft²	0 ft²	00.0%		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 10 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

N. ECONOMIZER & FAN SYSTEMS SUMMARY¹												\$ 140.4		Confirmed			
1.		2.		3.					4.					5.		Pass	Fail
Equip Name	CFM	Supply Fan					Return Fan					Economizer Type (if present)					
		Outside Air	CFM	HP	BHP	TSP (inch WC)	Control	CFM	HP	BHP	TSP (inch WC)		Control				
Dining Rm - New	2700	7000	5.000	5.000	2.72	ConstantVolume	NA	NA	NA	NA	NA	DifferentialDryBulb	<input type="checkbox"/>	<input type="checkbox"/>			
Kitchen Unit	197	1995	1.500	1.500	2.39	ConstantVolume	NA	NA	NA	NA	NA	DifferentialDryBulb	<input type="checkbox"/>	<input type="checkbox"/>			

¹ Mechanical ventilation calculations and exhaust fans are included in the NRCC-PRF-MCH-DETAILS section

O. EQUIPMENT CONTROLS				\$ 120.2	Confirmed		
1.		2.		3.		Pass	Fail
Equip Name		Equip Type		Controls			
Dining Rm - New		SZAC		1 Zones With CO2Sensor Vent. Control Differential Drybulb Economizer No Supply Air Temp. Control No Optimum Start No Evaporative Cooler No Heat Recovery		<input type="checkbox"/>	<input type="checkbox"/>
Kitchen Unit		SZAC		No DCV Controls Differential Drybulb Economizer No Supply Air Temp. Control No Optimum Start No Evaporative Cooler No Heat Recovery		<input type="checkbox"/>	<input type="checkbox"/>
DHW1 - SHW		Service Hot Water, Primary Only		Fixed Temperature Control, No DDC No Heat Recovery		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 8 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

J. FENESTRATION ASSEMBLY SUMMARY									\$ 110.6		Confirmed	
1.	2.	3.	4.	5.	6.	7.	8.	9.				
Fenestration Assembly Name / Tag or I.D.	Fenestration Type / Product Type / Frame Type	Certification Method¹	Assembly Method	Area Ft²	Overall U-factor	Overall SHGC	Overall VT	Shading²	Pass	Fail		
Curtainwall/storefront	VerticalFenestration CurtainWall N/A	NFRC Rated	Manufactured	677	0.41	0.26	0.50	N	<input type="checkbox"/>	<input type="checkbox"/>		
T-24 Prescriptive Window	VerticalFenestration FixedWindow N/A	NFRC Rated	Manufactured	114	0.36	0.25	0.50	N	<input type="checkbox"/>	<input type="checkbox"/>		

¹ Newly installed fenestration shall have a certified NFRC Label Certificate or use the CEC default tables found in Table 110.6.4 and Table 110.6.8. Center of Glass (COG) values are for the glass-only, determined by the manufacturer, and are shown for ease of verification. Site-built fenestration values are calculated per fluorescentAppendix NAG and are used in the analysis.

² Status: N - New, A - Altered, E - Existing

Taking compliance credit for fenestration shading devices? (if "Yes", see NRCC-PRF-ENV-DETAILS for more information)	No
--	----

K. OPAQUE SURFACE ASSEMBLY SUMMARY								§ 120.7/ § 140.3	Confirmed
1.	2.	3.	4.	5.	6.	7.	8.		
Surface Name	Surface Type	Area (ft²)	Framing Type	Cavity R-Value	Continuous R-Value	U-Factor / F-Factor / C-Factor	Shading Coefficient	Pass	Fail
R-19 Wall Metal Stud w/ 16	ExteriorWall	3220	Metal	19	5	U-Factor: 0.096	N	<input type="checkbox"/>	<input type="checkbox"/>
R-30 Metal Deck Roof20	Roof	4011	NA	0	33	U-Factor: 0.028	N	<input type="checkbox"/>	<input type="checkbox"/>
Slab On Grade22	UndergroundFloor	4011	NA	0	NA	F-Factor: 0.730	N	<input type="checkbox"/>	<input type="checkbox"/>

³ Status: N - New, A - Altered, E - Existing

L. ROOFING PRODUCT SUMMARY							§ 140.3	Confirmed
1.	2.	3.	4.	5.	6.	7.		
Product Type	Product Density (lb/ft³)	Aged Solar Reflectance	Thermal Emittance	SRI	Cool Roof Credit	Roofing Product Description	Pass	Fail
R-30 Metal Deck Roof20	6.034	0.10	0.85	Not Provided	Yes	CRRC Prod. ID: R-30 Metal Deck Roof	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 11 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

P. SYSTEM DISTRIBUTION SUMMARY						§ 120.4/ § 140.4(I)			
		Dry System Distribution					Confirmed		
1.	2.	3.	4.	5.		6.	Pass	Fail	
Equip Name	Equip Type	Duct Leakage and Sealing Required per 140.4(I)	Duct Leakage will be verified per NA1 and NA2	Ducts		Status¹			
				Insulation R-Value	Location				
Dining Rm - New	SZAC	No	No	8.0	Conditioned	N	<input type="checkbox"/>	<input type="checkbox"/>	
Kitchen Unit	SZAC	No	No	8.0	Unconditioned	N	<input type="checkbox"/>	<input type="checkbox"/>	

¹ Status: N - New, E - Existing

Does the Project Include Zonal Systems? (if "Yes", see NRCC-PRF-MCH-DETAILS for system information)	No
Does the Project Include a Solar Hot Water System? (if "Yes", see NRCC-PRF-MCH-DETAILS for system information)	No
Multifamily or Hotel/ Motel Occupancy? (if "Yes", see NRCC-PRF-MCH-DETAILS for DHW system information)	No

Q. INDOOR CONDITIONED LIGHTING GENERAL INFO (see NRCC-PRF-LTI-DETAILS for more info) ²						\$ 140.6	
						Confirmed	
1.	2.	3.	4.	5.		Pass	Fail
Occupancy Type ¹	Conditioned Floor Area ² (ft ²)	Installed Lighting Power (Watts)	Lighting Control Credits (Watts)	Additional (Custom) Allowance			
				Area Category Footnotes (Watts)	Tailored Method (Watts)	<input type="checkbox"/>	<input type="checkbox"/>
Dining Area	2,700	2,700	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Kitchen, Commercial Food Preparation	1,311	1,573	0	0	0	<input type="checkbox"/>	<input type="checkbox"/>
Building Totals:	4,011	4,273	0	0	0		

¹ See Table 140.6.C

² See NRCC-LTI-01-E for unconditioned spaces

³ Lighting information for existing spaces modeled is not included in the table

R. INDOOR CONDITIONED LIGHTING SCHEDULE (Adapted from NRCC-LTI-01-E)³						§ 130.0
This Section Does Not Apply						

⁴ If lighting power densities were used in the compliance model Building Departments will need to check prescriptive forms for Luminaire Schedule details.

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 9 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

M. HVAC SYSTEM SUMMARY (see NRCC-PRF-MCH-DETAILS for more information)											§ 110.1 / § 110.2		Confirmed	
Dry System Equipment ¹ (Fan & Economizer info included below in Table N)											Status²	Pass	Fail	
1.	2.	3.	4.	5.	6.	7.	8.	9.		10.				11.
Equip Name	Equip Type	System Type (Simple ¹ or Complex ¹)	Qty	Total Heating Output (kBtu/h)	Supp Heat Source (V/N)	Supp Heat Output (kBtu/h)	Total Cooling Output (kBtu/h)	Efficiency		Acceptance Testing Required? (V/N) ⁴				Y/N³
								Cooling	Heating					
Dining Rm - New	SZAC (Packaged3Phase)	Simple	1	240	No	0	194	EER-12.1	ThrmEff- 80.0	Yes	N	<input type="checkbox"/>	<input type="checkbox"/>	
Kitchen Unit	SZAC (Packaged3Phase)	Simple	1	65	No	0	61	SEER-17.50 / EER-13.85	AFUE-81.0	Yes	N	<input type="checkbox"/>	<input type="checkbox"/>	

¹ Dry System Equipment includes furnaces, air handling units, heat pumps, etc.

² Simple Systems must complete NRCC-CHK-03-E commissioning design review form

³ Complete Systems must complete NRCC-CHK-04-E commissioning design review form

⁴ A summary of which acceptance tests are applicable is provided in NRCC-PRF-MCH-DETAILS

⁵ Status: N - New, A - Altered, E - Existing

Wet System Equipment ¹								Pumps					Confirmed		
12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	Status ²	Pass	Fail
Equip Name	Equip Type	Qty	Vol (gal)	Rated Capacity (kBtu/h)	Efficiency	Standby Loss	Tank Ext. R Value	Qty	GPM	HP	VSD (V/N)				
A.O. SMITH BTH 3002	Storage	1	119.00	300	Thrm. Eff.: 0.96	SBLF: 0.090	NA		NA		No	N	<input type="checkbox"/>	<input type="checkbox"/>	

¹ Wet System Equipment includes boilers, chillers, cooling towers, water heaters, etc.

² Status: N - New, A - Altered, E - Existing

Discrepancy between modeled and designed equipment sizing? (if "Yes", see Table F- "Additional Remarks" for an explanation)	No
---	----

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 12 of 21
Project Address:	703 El Paseo Rd. Ojai 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija_JHS_KITCHEN_new dining-1-17-19.cibd16x

S1. COVERED PROCESS SUMMARY – ENCLOSED PARKING GARAGES				§ 140.9
This Section Does Not Apply				

S2. COVERED PROCESS SUMMARY – COMMERCIAL KITCHENS						§ 140.9	Confirmed
Space Name	Exhaust Hood Style	Exhaust Hood Duty	Exhaust Length (ft)	Exhaust Flow Rate (cfm)			
					Pass	Fail	
S-2-Kitchen		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
S-3-Food Service		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	
		Light			<input type="checkbox"/>	<input type="checkbox"/>	

S3. COVERED PROCESS SUMMARY – COMPUTER ROOMS				§ 140.9
This Section Does Not Apply				

S4. COVERED PROCESS SUMMARY – LABORATORY EXHAUSTS				§ 140.9
This Section Does Not Apply				

T. UNMET LOAD HOURS				
Thermal Zone Name	Cooling Unmet Load Hour Limit for Thermal Zone	Proposed Cooling Unmet Load Hours	Heating Unmet Load Hour Limit for Thermal Zone	Proposed Heating Unmet Load Hours
1-New Dining Rm	150	1392	150	0
3-Food Service	150	439	150	0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 13 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

U. ENERGY USE SUMMARY						
Energy Component	Standard Design Site (MWH)	Proposed Design Site (MWH)	Margin (MWH)	Standard Design Site (MBtu)	Proposed Design Site (MBtu)	Margin (MBtu)
Space Heating	--	--	--	0.8	0.0	--
Space Cooling	17.0	12.7	4.3	--	--	--
Indoor Fans	30.1	32.7	-2.6	--	--	--
Heat Rejection	--	--	--	--	--	--
Pumps & Misc.	--	--	--	--	--	--
Domestic Hot Water	--	--	--	244.3	248.3	-4.0
Indoor Lighting	20.3	20.3	0.0	--	--	--
COMPLIANCE TOTAL	67.4	65.7	1.7	245.1	248.3	-3.2
Receptacle	16.8	16.8	0.0	--	--	--
Process	11.6	11.6	0.0	--	--	--
Other Ltg	--	--	--	--	--	--
Process Motors	--	--	--	--	--	--
TOTAL	95.8	94.1	1.7	245.1	248.3	-3.2

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 16 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

B. OVERHANG DETAILS (Adapted from NRCC-ENV-02-E)					Confirmed	
1. Fenestration Tag/ID	2. Fenestration Orientation	3. Overhang Dimensions		4. Side fin	Pass	Fail
		Horizontal Projection	Distance Above Window	Vertical Projection		
Window 3-4 x2-225	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-226	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-227	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-228	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-229	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-230	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-231	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>

C. OPAQUE DOOR SUMMARY							Confirmed	
1.	2.	3.	4.	5.	6.	7.	Pass	Fail
Opaque Door Assembly Name / Tag or I.D.	Door Type	Certification Method	Operation	Area	Overall U-factor	Status ¹		
Metal Door43	MetalUninsulatedDoubleLayerDoor	DefaultPerformance	Swinging	63	0.700	N	<input type="checkbox"/>	<input type="checkbox"/>

¹ Status: N - New, A - Altered, E - Existing

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 14 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		§ 10-103
I certify that this Certificate of Compliance documentation is accurate and complete.		
Documentation Author Name: Tony Perez	Signature:	
Company: AE Group Mechanical Engineers, Inc.		
Address: 838 E. Front St.	Signature Date:	1/18/2019
City/State/Zip: Ventura Ca 93001	CEA Identification (If applicable):	
Phone: (805) 653-1722		
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
I certify the following under penalty of perjury, under the laws of the State of California:		
1	I hereby affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code to sign this document as the person responsible for its preparation; and that I am licensed in the State of California as a civil engineer, mechanical engineer, electrical engineer, or I am a licensed architect.	
2	I affirm that I am eligible under the provisions of Division 3 of the Business and Professions Code by section 5537.2 or 6737.3 to sign this document as the person responsible for its preparation; and that I am a licensed contractor performing this work.	
3	I affirm that I am eligible under Division 3 of the Business and Professions Code to sign this document because it pertains to a structure or type of work described as exempt pursuant to Business and Professions Code Sections 5537, 5538 and 6737.1.	
Responsible Envelope Designer Name: Tyson Cline	Signature:	
Company: Roesling Nakamura Terada Architects	Date Signed:	
Address: 285 N. Ventura Ave #102	Declaration Statement Type:	
City/State/Zip: Ventura Ca 93001	Title:	License #: C-34436
Phone: 805-626-5330		
Responsible Lighting Designer Name:	Signature: NOT IN SCOPE	
Company:	Date Signed:	
Address:	Declaration Statement Type:	
City/State/Zip:	Title:	License #:
Phone:		
Responsible Mechanical Designer Name: Phil White	Signature:	
Company: AE Group Mechanical Engineers, Inc.	Date Signed:	1/18/2019
Address: 838 E. Front St.	Declaration Statement Type:	
City/State/Zip: Ventura Ca 93001	Title: Mechanical Engineer	License #: M15777
Phone: 805-653-1722		

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 17 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

NRCC-PRF-MCH-DETAILS -SECTION START-

A. MECHANICAL VENTILATION AND REHEAT (Adapted from 2016-NRCC-MCH-03-E)		Confirmed									
CONDITIONED ZONE NAME	HEATING/COOLING SYSTEM ID	1. DESIGN AIR FLOWS					2. VENTILATION (§ 120.1)				
		DESIGN PRIMARY AIR FLOW (CFM)	DESIGN MINIMUM AIR FLOW (CFM)	DESIGN MAXIMUM AIR FLOW (CFM)	DESIGN HEATING AIR FLOW FRACTION	DESIGN COOLING AIR FLOW FRACTION	VENT SYSTEM ID	MIN. VENT PER AREA (CFM/100)	DESIGN MIN. OF PEOPLE (CFM/PERSON)	MIN. VENT PER PERSON (CFM/PERSON)	RECO VENT AIR FLOW (CFM)
1-New Dining Rm	Dining Rm - New	7,000	NA	0.00	NA	NA	N	Dining Rm - New	2,700	NA	180.0
2-Kitchen	Kitchen Unit	1,584	NA	0.00	NA	NA	N	Kitchen Unit	1,041	NA	5.21
3-Food Service	Kitchen Unit	411	NA	0.00	NA	NA	N	Kitchen Unit	270	NA	1.35
TOTAL		4,011	186.5	7	2,897	2,897	NA				

B. ZONAL SYSTEM AND TERMINAL UNIT SUMMARY													§ 140.4				
1.		2.		3.		4.		5.		6.		7.		8.		Confirmed	
System ID	System Type	Qty	Rated Capacity (kBtu/h)		Economizer	Zone Name	Airflow (cfm)			Fan			req	req			
			Heating	Cooling			Design	Min.	Min. Ratio	BHP	Cycles	ECM Motor					
1-New Dining Rm-Trm	Uncontrolled	1	NA	NA	NA	1-New Dining Rm	7000	NA	0.00	NA	NA	□	□	□	□		
3-Food Service-Trm	Uncontrolled	1	NA	NA	NA	3-Food Service	411	NA	0.00	NA	NA	□	□	□	□		
2-Kitchen-Trm	Uncontrolled	1	NA	NA	NA	2-Kitchen	1584	NA	0.00	NA	NA	□	□	□	□		

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 15 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

NRCC-PRF-ENV-DETAILS -SECTION START-

A. OPAQUE SURFACE ASSEMBLY DETAILS				Confirmed	
1. Surface Name	2. Surface Type	3. Description of Assembly Layers	4. Notes	Pass	Fail
R-19 Wall Metal Stud w/ 16	ExteriorWall	Stucco - 7/8 in. Vapor permeable felt - 1/8 in. Extruded Polystyrene - XPS - 1 in. R5.00 Metal framed wall, 16in. OC, 5.5in., R-19 Gypsum Board - 1/2 in.		<input type="checkbox"/>	<input type="checkbox"/>
R-30 Metal Deck Roof20	Roof	Built-up roofing - 3/8 in. Vapor permeable felt - 1/8 in. Plywood - 1/2 in. Extruded Polystyrene - XPS - 6 1/2 in. R32.50 Air - Cavity - Wall Roof Ceiling - 4 in. or more Gypsum Board - 1/2 in.		<input type="checkbox"/>	<input type="checkbox"/>
Slab On Grade22	UndergroundFloor	Slab Type = UnheatedSlabOnGrade Insulation Orientation = None Insulation R-Value = R0		<input type="checkbox"/>	<input type="checkbox"/>

B. OVERHANG DETAILS (Adapted from NRCC-ENV-02-E)					Confirmed	
1. Fenestration Tag/ID	2. Fenestration Orientation	3. Overhang Dimensions		4. Side fin	Pass	Fail
		Horizontal Projection	Distance Above Window	Vertical Projection		
Window 3-2 x2-611	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-612	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-613	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-614	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-615	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-616	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-617	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-2 x2-618	South	3.5 ft.	1.5 ft.	Left: 3.5 ft., Right: 3.5 ft.	<input type="checkbox"/>	<input type="checkbox"/>
Window 3-4 x2-224	North	2.0 ft.	0.1 ft.	Left: 0 ft., Right: 0 ft.	<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

Project Name:	Nutritional Services Building	NRCC-PRF-01-E	Page 18 of 21
Project Address:	703 El Paseo Rd. Ojal 93023	Calculation Date/Time:	12:00, Fri, Jan 18, 2019
Compliance Scope:	ExistingAdditionAndAlteration	Input File Name:	Matilija JHS_KITCHEN_new dining-1-17-19.cbd16x

C. EXHAUST FAN SUMMARY

D. DHW EQUIPMENT SUMMARY - (Adapted from NRCC-PLB-01)											Confirmed	
1. DHW Name	2. Heater Element Type	3. Tank Type	4. Qty	5. Tank Vol (gal)	6. Rated Input (kBtu/h)	7. Efficiency	8. Tank Insulation R-value (Int/Ext)	9. Standby Loss Fraction	10. Heat Pump Type	11. Tank Location or Ambient Condition	Pass	Fail
A.O. SMITH BTH 3002	Gas	Storage	1	119.00	300	Thrm. EFF.: 0.96	NA	SBLF: 0.090	NA	NA	<input type="checkbox"/>	<input type="checkbox"/>

E. MULTI-FAMILY CENTRAL DHW SYSTEM DETAILS

F. SOLAR HOT WATER HEATING SUMMARY (Adapted from NRCC-STH-01)

G. MECHANICAL HVAC ACCEPTANCE TESTS & FORMS (Adapted from 2016-NRCC-MCH-01-E)																	\$ RA4			
Declaration of Required Acceptance Certificates (NRCA) – Acceptance Certificates that may be submitted. (Retain copies and verify forms are completed and signed to post in field for Field Inspector to verify).																				
Test Description		Confirmed																		
		MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	MCH-0A	Pass	Fail
Equipment Requiring Testing or Verification	# of units	Outdoor Air	Single Zone Unitary	Air Dist. Ducts	Economizer Controls	DCV	Supply Fan VAV	Valve Leakage	Supply Water Temp. Reset	Hyd. Variable Flow Control	Auto Demand Shed	FDI for DX Units	Auto FDI for Air & Zone	Data Energy Storage DX Co.	TES Systems	Condenser Water Heat Controls	Supply Air Temp. Reset	ECMS		
DHW1 - SHW	1																		<input type="checkbox"/>	<input type="checkbox"/>

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

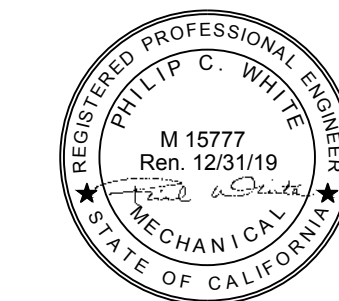
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phl@aegrouppme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

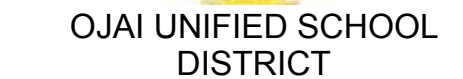
Revisions		
No.	Description	Date

Sheet Name

ENERGY
FORMS

RNT Job No. 17759.04 / AE201861
Date 02/04/2019
Drawn by TP
Checked by PW/HM
Sheet Number

EN-1.2



CONSTRUCTION
DOCUMENTS

Sheet Name

RNT Job No.	17759.04 / AE201
Date	02/04/20
Drawn by	
Checked by	PW/I
Sheet Number	

EN-1.3

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

CA Building Energy Efficiency Standards- 2016 Nonresidential Compliance Report Version: NRCC-PRF-01-E-09132018-5583 Report Generated at: 2019-01-18 12:02:14

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

PLUMBING NOTES

1. SCOPE OF WORK: PLUMBING WORK INCLUDES THE FOLLOWING: DEMOLITION OF EXISTING PIPING BELOW GRADE INDICATED ON THE THE PLUMBING AND ARCHITECTURAL DRAWINGS. CONNECT ALL NEW PLUMBING FIXTURES AND EQUIPMENT SHOWN ON THE KITCHEN PLANS INCLUDING FURNISHING AND INSTALLING ALL ASSOCIATED FIXTURES, PIPING, VALVES, STOPS, TRAPS, DRAINS, ESCUTCHEONS INSULATION, ETC. FOR ALL NEW KITCHEN EQUIPMENT. ALSO FURNISH AND INSTALL ALL PIPING AND PLUMBING FIXTURES SHOWN ON THE PLUMBING AND ARCHITECTURAL DRAWINGS AND DESCRIBED IN THESE NOTES AND THE BOOK SPECIFICATIONS, INCLUDING: INSTALLATION OF MECHANICAL GAS VALVE, GAS SHUTOFF VALVE, AND GAS PIPING. UNLESS OTHERWISE DIRECTED BY BUILDING OWNER, CONTRACTOR SHALL ARRANGE FOR AND PAY ALL FEES FOR CONNECTIONS TO UTILITIES FOR GAS, WATER, & SEWER. IN CONNECTION WITH THIS WORK CONTRACTOR SHALL ALSO FURNISH AND INSTALL ALL NECESSARY LABOR, DEVICES, HARDWARE AND SYSTEMS REQUIRED TO MAKE SAID SYSTEMS PROPERLY AND SAFELY OPERABLE, INCLUDING, BUT NOT LIMITED TO, CONCRETE SAW CUTTING, TRENCHING AND BACKFILL, PATCHING & FILLING OF UNUSED PENETRATIONS, PIPING MOUNTING AND SUPPORT HARDWARE, FRAMING, INSULATION, VALVES, CLEANOUTS AND PATCHING & PAINTING.

2. EXAMINATION OF SITE AND CONTRACT DOCUMENTS. EACH BIDDER SHALL, AT ITS SOLE COST AND EXPENSE, INSPECT THE SITE OF THE PROPOSED WORK TO BECOME FULLY ACQUAINTED WITH CONDITIONS RELATING TO THE WORK AND TO FULLY UNDERSTAND THE FACILITIES, DIFFICULTIES AND RESTRICTIONS ATTENDING THE EXECUTION OF THE WORK UNDER THE CONTRACT DOCUMENTS AND COST THEREOF. BIDDERS SHALL THOROUGHLY REVIEW AND BE FAMILIAR WITH THE CONTRACT DOCUMENTS, INCLUDING WITHOUT LIMITATION, THE SPECIFICATIONS AND THE DRAWINGS. THE FAILURE OR OMISSION OF ANY BIDDER TO RECEIVE OR EXAMINE ANY OF THE CONTRACT DOCUMENTS, FORMS, INSTRUMENTS, ADDENDA, OR OTHER DOCUMENTS OR TO INSPECT THE SITE SHALL NOT RELIEVE SUCH BIDDER FROM ANY OBLIGATIONS WITH RESPECT TO THE BID PROPOSAL. THE CONTRACT OR THE WORK REQUIRED UNDER THE CONTRACT DOCUMENTS. THE OWNER ASSUMES NO RESPONSIBILITY OR LIABILITY TO ANY BIDDER FOR, NOR SHALL THE OWNER BE BOUND BY, ANY UNDERSTANDINGS, REPRESENTATIONS OR AGREEMENTS OF THE OWNER'S AGENTS, EMPLOYEES OR OFFICERS CONCERNING THE CONTRACT DOCUMENTS OR THE WORK MADE PRIOR TO EXECUTION OF THE CONTRACT. THE SUBMISSION OF A BID PROPOSAL SHALL BE DEEMED PRIMA FACIE EVIDENCE OF THE BIDDER'S FULL COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION.

3. INTERPRETATION OF DRAWINGS, SPECIFICATIONS OR CONTRACT DOCUMENTS. IF ANY BIDDER IS IN DOUBT AS TO THE TRUE MEANING OF ANY PART OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS; FINDS DISCREPANCIES, ERRORS OR OMISSIONS THEREIN; OR FINDS VARIANCES IN ANY OF THE CONTRACT DOCUMENTS WITH APPLICABLE RULES, REGULATIONS, ORDINANCES AND/OR LAWS, A WRITTEN REQUEST FOR AN INTERPRETATION OR CORRECTION THEREOF MAY BE SUBMITTED TO THE ENGINEER. IT IS THE SOLE AND EXCLUSIVE RESPONSIBILITY OF THE BIDDER TO SUBMIT SUCH REQUEST IN SUFFICIENT TIME FOR THE PREPARATION OF A RESPONSE THERETO AND DELIVERY OF SUCH RESPONSE TO ALL BIDDERS PRIOR TO THE SCHEDULED CLOSING FOR RECEIPT OF BID PROPOSALS. ANY REQUEST OF ANY BIDDER, PURSUANT TO THE FOREGOING SENTENCE THAT IS MADE LESS THAN SEVEN DAYS PRIOR TO THE SCHEDULED CLOSING DATE FOR THE RECEIPT OF BID PROPOSALS SHALL BE DEEMED UNTIMELY. ANY INTERPRETATION OR CORRECTION OF THE CONTRACT DOCUMENTS WILL BE MADE ONLY BY WRITTEN ADDENDUM DULY ISSUED BY THE OWNER OR THE ENGINEER. A COPY OF ANY SUCH ADDENDUM WILL BE MAILED OR OTHERWISE DELIVERED TO EACH BIDDER RECEIVING A SET OF THE CONTRACT DOCUMENTS. NO PERSON IS AUTHORIZED TO RENDER AN ORAL INTERPRETATION OR CORRECTION OF ANY PORTION OF THE CONTRACT DOCUMENTS TO ANY BIDDER, AND NO BIDDER IS AUTHORIZED TO RELY ON ANY SUCH ORAL INTERPRETATION OR CORRECTION. FAILURE TO REQUEST INTERPRETATION OR CLARIFICATION OF THE DRAWINGS, THE SPECIFICATIONS OR OTHER PORTIONS OF THE CONTRACT DOCUMENTS PURSUANT TO THE FOREGOING SHALL BE DEEMED TO BE A WAIVER OF ANY DISCREPANCY, DEFECT, OR CONFLICT THEREIN.

4. DIMENSIONS. ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS BEFORE PROCEEDING WITH WORK. IN NO CASE SHALL WORKING DIMENSIONS BE SCALED FROM PLANS, SECTIONS, OR DETAILS ON WORKING DRAWINGS. ALL SIZES OF EQUIPMENT AND MATERIALS SHALL BE VERIFIED WITH EQUIPMENT MANUFACTURER. ALL PLUMBING FIXTURES SHALL BE INSTALLED PER THE DIMENSIONS ON THE ARCHITECTURAL DRAWINGS.

5. CODES AND STANDARDS: ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE, THE 2016 CALIFORNIA MECHANICAL CODE, THE 2016 CALIFORNIA BUILDING CODE, THE STATE OF CALIFORNIA, DSA, THE LOCAL JURISDICTION, THE VENTURA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT, AND STANDARD CONSTRUCTION PRACTICES. ALL PLUMBING FIXTURES SHALL BE IN STRICT ACCORDANCE WITH THE FIXTURE SCHEDULE, AND SHALL BE NEW AND FREE FROM DEFECTS. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND FEES, AND SHALL OBTAIN APPROVED INSPECTIONS FOR ALL WORK AS REQUIRED BY OWNER, DSA, AND LOCAL JURISDICTION. CONTRACTOR SHALL MAINTAIN IN EFFECT ALL INSURANCE REQUIRED BY STATE LAWS, LOCAL JURISDICTION, AND GENERAL CONTRACTOR / OWNER. WHERE CONFLICT OR VARIATION EXISTS AMONGST CODES, STANDARDS SPECIFICATIONS, OR DRAWINGS, THE MOST STRINGENT SHALL GOVERN.

6. SUBMITTALS REQUIRED: PRIOR TO ORDERING FIXTURES AND MATERIALS, CONTRACTOR SHALL FURNISH SUBMITTALS OF ALL FIXTURES AND MATERIALS PROPOSED FOR USE IN THIS PROJECT. ALL FIXTURES AND MATERIALS SHALL BE INSTITUTIONAL GRADE HEAVY DUTY QUALITY. ORDERING OF FIXTURES AND MATERIALS SHALL ONLY PROCEED AFTER SATISFACTORY REVIEW OF ALL SUBMITTALS BY ENGINEER / OWNER. COPIES OF ALL OWNER'S MANUALS, WARRANTIES, AND OTHER WRITTEN INFORMATION REGARDING SYSTEMS SHALL BE SUBMITTED TO OWNER.

7. CONSTRUCTION OBSERVATION: IN ADDITION TO THE REQUIREMENT FOR OBTAINING INSPECTIONS BY THE LOCAL JURISDICTION, CONTRACTOR SHALL NOTIFY ENGINEER AT APPROPRIATE TIMES DURING THE CONSTRUCTION PROCESS SO THAT ENGINEER CAN VISIT SITE TO BECOME GENERALLY FAMILIAR WITH THE PROGRESS AND QUALITY OF CONTRACTOR'S WORK AND TO DETERMINE IF THE WORK IS PROCEEDING IN GENERAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.

8. UNDERGROUND ALERT: CALL 811 BEFORE YOU DIG OR VISIT CALIFORNIA811.ORG TO REQUEST A TICKET ONLINE."

DO NOT START ANY EXCAVATION JOB WITHOUT FIRST OBTAINING A POSITIVE RESPONSE FROM SOCALGAS THAT YOUR LOCATE AND MARK REQUEST HAS BEEN ADDRESSED.

BEFORE LAYING OUT PIPING AND PERFORMING TRENCHING, CONTRACTOR SHALL DETERMINE LOCATIONS OF EXISTING UNDERGROUND UTILITIES. CONTACT "DIG ALERT / UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA" - 811 OR CALIFORNIA811.ORG. CONTRACTOR SHALL ALSO CONTACT OWNER'S REPRESENTATIVE TO ASCERTAIN LOCATIONS OF UNDERGROUND PIPING AND OTHER CONDITIONS AFFECTING TRENCHING, AND SHALL PERFORM TESTING AND SUBSURFACE EXPLORATION AS NECESSARY TO LOCATE UTILITIES.

9. TRENCHING: MATERIAL SHALL BE EXCAVATED FROM TRENCHES AND PILED ADJACENT TO THE TRENCH. MATERIAL SHALL BE PILED IN SUCH A MANNER THAT WILL CAUSE A MINIMUM OF INCONVENIENCE TO PUBLIC TRAVEL. ALL ROCK, BOULDERS, AND STONES SHALL BE REMOVED TO PROVIDE A MINIMUM CLEARANCE OF SIX (6) INCHES UNDER AND AROUND PIPES. EXCAVATIONS SHALL BE KEPT FREE OF WATER. TRENCHES SHALL BE DUG TO TRUE AND SMOOTH BOTTOM GRADES AND IN ACCORDANCE WITH THE LINES INDICATED ON DRAWINGS AND AS DIRECTED. TRENCH WIDTHS SHALL NOT EXCEED 30 INCHES OR 1.5 TIMES OUTSIDE DIAMETER OF THE PIPE PLUS 18 INCHES WHICHEVER IS GREATER. MINIMUM TRENCH WIDTH SHALL BE THE OUTSIDE DIAMETER OF PIPE INSTALLED PLUS 12 INCHES.

DEPTH OF TRENCHING FOR WATER SHALL BE SUCH AS TO GIVE A MINIMUM COVER OF 18 INCHES OVER THE TOP OF THE PIPE. DEEPER EXCAVATION MAY BE REQUIRED DUE TO LOCALIZED BREAKS IN GRADE, OR TO INSTALL THE NEW PIPING UNDER EXISTING CULVERTS OR OTHER UTILITIES WHERE NECESSARY.

TRENCHING FOR SEWERS AND DRAINS SHALL BE OF SUFFICIENT WIDTH TO PERMIT PROPER JOINTING OF THE PIPE AND BACKFILLING OF MATERIAL ALONG THE SIDES OF THE PIPE. TRENCH WIDTH AT THE SURFACE OF THE GROUND SHALL BE KEPT TO THE MINIMUM AMOUNT NECESSARY TO INSTALL THE PIPE IN A SAFE MANNER. TRENCHES SHALL BE EXCAVATED BELOW THE BARREL OF THE PIPE A SUFFICIENT DISTANCE TO PROVIDE FOR BEDDING MATERIAL.

WHERE THE TRENCH BOTTOM IS IN A MATERIAL WHICH IS UNSUITABLE FOR FOUNDATION OR WHICH WILL MAKE IT DIFFICULT TO OBTAIN UNIFORM BEARING FOR THE PIPE, SUCH MATERIAL SHALL BE REMOVED AND A STABLE FOUNDATION PROVIDED. THIS SHALL INCLUDE THE PREPARATION OF THE NATIVE TRENCH BOTTOM AND/OR THE TOP OF THE FOUNDATION MATERIAL TO A UNIFORM GRADE SO THAT THE ENTIRE LENGTH OF PIPE RESTS FIRMLY ON A SUITABLE PROPERLY COMPACTED MATERIAL. GRAVEL TO BE USED FOR FOUNDATION PURPOSES SHALL BE OF A TYPE AND GRADATION TO PROVIDE A SOLID COMPACT BEDDING IN THE TRENCH.

10. BACKFILL: CONTRACTOR SHALL COMPLETE BEDDING AND THEN BACKFILL TO 6 INCHES OVER THE TOP OF THE PIPE WITH SAND BEFORE STARTING BACKFILLING OPERATIONS. TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE PIPE FROM DAMAGE, MOVEMENT AND SHIFTING. COMPACTION EQUIPMENT USED ABOVE THE PIPE ZONE SHALL BE OF A TYPE THAT DOES NOT INJURE THE PIPE. WHERE ORIGINAL EXCAVATED MATERIAL IS UNSUITABLE FOR TRENCH BACKFILL, BACKFILL GRAVEL SHALL BE PLACED. UNSUITABLE MATERIAL SHALL BE REMOVED TO A DISPOSAL AREA. WHEREVER A TRENCH IS EXCAVATED IN A PAVED ROADWAY, SIDEWALK OR OTHER AREA WHERE MINOR SETTLEMENTS WOULD BE DETRIMENTAL AND WHERE NATIVE EXCAVATED MATERIAL IS NOT SUITABLE FOR COMPACTION AS BACKFILL, TRENCH SHALL BE BACKFILLED WITH BACKFILL GRAVEL. WARNING TAPE MARKERS AND TRACER WIRES SHALL BE INSTALLED DURING BACKFILL OPERATIONS.

THE METHOD OF COMPACTION SHALL BE AT CONTRACTOR'S OPTION, UNLESS EXCAVATION PERMIT REQUIRES A SPECIFIC TYPE. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE PROPER SIZE AND TYPE OF COMPACTION EQUIPMENT AND SELECT THE PROPER METHOD OF UTILIZING SAID EQUIPMENT TO ATTAIN THE REQUIRED COMPACTION DENSITY. COMPACTION BY WATER JETTING WILL NOT BE PERMITTED.

WHERE BACKFILL IS REQUIRED TO BE COMPACTED TO A SPECIFIED DENSITY, TESTS FOR COMPLIANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AUTHORITY. ALLOW TESTING SERVICE TO INSPECT AND APPROVE EACH SUBGRADE AND FILL LAYER BEFORE FURTHER FILL, BACKFILL OR CONSTRUCTION WORK IS PERFORMED.

11. PIPING LOCATIONS: PIPING LOCATIONS SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL LATERAL STUBS, OFFSETS, OBSTRUCTIONS, ETC. REQUIRED IN THE FIELD. THE ACTUAL LOCATIONS OF LINES, CLEANOUTS AND CONNECTIONS MAY VARY PROVIDED THAT COMPLETE SYSTEMS ARE SIZED AND INSTALLED IN COMPLIANCE WITH CODES. ANY SIGNIFICANT DEVIATIONS FROM THE PLANS SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER PRIOR TO INSTALLATION.

12. WATER PIPING: WATER PIPING: ALL UNDERGROUND SITE PIPING SHALL BE U.S. MANUFACTURED SCH. 40 PVC. ALL ABOVE GROUND COLD AND HOT WATER PIPES IN BUILDINGS SHALL BE U.S. MANUFACTURED TYPE "L" HARD COPPER WITH (NON-LEAD) SOLDER SWEAT JOINTS. ALL UNDERGROUND WATER PIPING IN BUILDINGS SHALL BE U.S. MANUFACTURED TYPE "K" SOFT COPPER, WITH NO JOINTS ALLOWED UNDER SLABS. UNDERGROUND JOINTS SHALL BE BRAZED. ALL WATER SHUT-OFF VALVES SHALL BE BALL TYPE OF LEAD-FREE CONSTRUCTION, NIBCO S-685-80-LF OR EQUAL. WHERE PIPES PIERCE FINISHED SURFACES, CHROME PLATED CAST BRASS ESCUTCHEONS WITH SET SCREW (BRASSCRAFT CB SERIES OR EQUAL) SHALL BE INSTALLED. SINK STOPS SHALL BE LEAD-FREE HEAVY PATTERN, ANGLE, 1/2" FEMALE INLET, 1/2" FEMALE OUTLET, WITH LOOSE KEY, CHROME PLATED, CHICAGO FAUCET 442-LKBCP OR EQUAL. CONNECT STOPS WITH CHROME PLATED BRASS NIPPLES INTO FIP ADAPTERS BEHIND ESCUTCHEONS. SUPPLY TUBES SHALL BE BRAIDED STAINLESS STEEL WITH (1) 1/2" FEMALE FITTING & (1) 1/2" MALE FITTING

13. WATER PRESSURE: WATER PRESSURE SHALL BE MAINTAINED AT A MINIMUM OF 60 PSI. IF WATER PRESSURE IS IN EXCESS OF 80 PSI, AN APPROVED WATER PRESSURE REGULATOR AND PRESSURE RELIEF VALVE SHALL BE INSTALLED.

14. NATURAL GAS PIPING: ALL ABOVE GROUND NATURAL GAS PIPING SHALL BE U.S. MANUFACTURED BLACK (INTERIOR) OR GALVANIZED (EXTERIOR) STEEL PIPE WITH 150 POUND BLACK OR GALVANIZED THREADED FITTINGS. ALL ABOVE GROUND NATURAL GAS PIPING 3" AND LARGER SHALL BE US MANUFACTURED BLACK (INTERIOR) OR GALVANIZED (EXTERIOR) SCH. 40 STEEL PIPE WITH WELDED CONNECTIONS. ALL UNDERGROUND NATURAL GAS PIPING SHALL BE U.S. MANUFACTURED POLYETHYLENE PLASTIC APPROVED FOR NATURAL GAS SERVICE. INSTALL TRACER WIRES FOR UNDERGROUND PLASTIC PIPE. TRANSITIONS FROM UNDERGROUND PLASTIC TO ABOVE GROUND STEEL PIPE SHALL BE MADE WITH APPROVED LISTED PRE-BENT ANODELESS RISER. PROVIDE A CAPPED DIRT LEG IN EACH PIPE SERVING GAS BURNING EQUIPMENT. CONNECT GAS AT EQUIPMENT WITH DORMONT "BLUE HOSE" NSF / ANSI 169 LISTED PVC COATED FLEXIBLE STAINLESS STEEL HOSE WITH DORMONT QUICK DISCONNECT VALVE AND ANSI Z 21.69 APPROVED RESTRAINT DEVICE. PAINT ALL EXPOSED GAS PIPING WITH ANTI-CORROSIVE PAINT. SUPPORT ON STRUT PER 2016 CPC.

15. INSTALL NATURAL GAS MECHANICAL VALVE AND ALL ASSOCIATED PIPING & FITTINGS TO SHUT OFF GAS AT HOODS WHEN ANSUL SYSTEM IS ACTIVATED.

16. WASTE AND VENT PIPING: ALL DRAINS, VENTS, & FITTINGS SHALL BE U.S. MANUFACTURED "NO-HUB" CAST IRON WITH STAINLESS STEEL BAND CLAMPS. THE BUILDING SEWER (BEYOND 5 FEET OF FOUNDATION) SHALL BE U.S. MANUFACTURED SCHEDULE 40 PVC PLASTIC GRAVITY SEWER PIPE MEETING THE REQUIREMENTS OF ASTM D-2665 & D-1785& NSF LISTED. EXTENSIONS TO SERVE CLEANOUTS AT GRADE SHALL BE NO-HUB CAST IRON WITH STAINLESS STEEL BAND CLAMPS. ALL LINES SHALL BE SLOPED @ 1/4"/FT MIN OR IN COMPLIANCE WITH CODE. WHERE VENT PIPES PENETRATE THE ROOF, PIPING SHALL BE FLASHED AND COUNTER-FLASHED. VANDAL-PROOF VENT CAPS (JR SMITH 1748, ZURN Z-193, OR EQUAL) SHALL BE INSTALLED ON EVERY PLUMBING VENT. SINKS SHALL BE INSTALLED WITH ADA COMPLIANT OFFSET PERFORATED GRID DRAIN ASSEMBLIES, AMER STD. OR EQUAL. SINK P-TRAPS SHALL BE INSTITUTIONAL GRADE CHROME PLATED VANDAL-PROOF HEAVY DUTY CAST BRASS, MCGUIRE MFG CO "VANDAL TRAP". OR EQUAL. FOR INSTALLATIONS WITH HOT WATER ONLY, WITH MCGUIRE PROWRAP ADA INSULATION. WHERE DRAINS PENETRATE WALLS, CHROME PLATED CAST BRASS ESCUTCHEONS WITH SET SCREWS SHALL BE INSTALLED. COMBINE ALL PLUMBING VENTS AND RUN TO HIGHEST PART OF ROOF, AT LEAST 10-FT. FROM AIR INTAKES. INSTALL U.S. MANUFACTURED DWV COPPER DRAINS WHERE INDICATED. ALL UNDERGROUND CAST IRON SHALL BE WRAPPED WITH 10 MIL POLYETHYLENE PER THE DUCTILE IRON PIPE RESEARCH COUNCIL RECOMMENDATIONS.

17. CLEANOUTS: WALL CLEANOUTS SHALL BE CAST IRON CLEANOUT TEE WITH COUNTERSUNK BRONZE PLUG AND ROUND STAINLESS STEEL COVER WITH VANDAL-PROOF -SCREWS - J.R. SMITH 4532S-UJ; ZURN Z-1446-BP-VP, OR EQUAL. FLOOR CLEANOUTS SHALL BE CAST IRON BODY WITH BRONZE PLUG AND SQUARE ADJUSTABLE NON-SKID NICKEL-BRONZE TOP WITH VANDAL PROOF TOP FOR FINISHED FLOOR, J.R. SMITH 4043S-PB, ZURN ZN-1400-TVP, OR EQUAL. CLEANOUTS TO GRADE SHALL BE J.R. SMITH 4253S OR EQUAL WITH BRONZE PLUG AND NON-SKID COVER WITH LIFTING DEVICE SET FLUSH WITH SURFACE FOR PAVED AREAS. NON-TRAFFIC OR NON-SURFACED AREAS SHALL BE INSTALLED WITH CAST IRON CLEANOUT RISERS TERMINATING WITH BRONZE PLUG WITHIN CONCRETE YARD BOX WITH CAST IRON COVER AND THE WORDS "BUILDING SEWER CLEANOUT" MARKED ON COVER.

18. PROVIDE ALL PIPING NEEDED FOR KITCHEN FIXTURES AND EQUIPMENT INCLUDING BUT NOT LIMITED TO TAILPIECE, TRAPS AND TRAP ARMS. ALL EXPOSED INDIRECT DRAIN AND VENT PIPING SHALL BE U.S. MANUFACTURED DWV COPPER WITH SOLDERED WASTE FITTINGS. TERMINATE INDIRECT DRAIN AT FLOOR SINK PER ENVIRONMENTAL HEALTH REQUIREMENTS. INSTALL ALL PLUMBING FIXTURES ON PLUMBING & ARCHITECTURAL PLANS, INCLUDING COLD AND HOT WATER CONNECTIONS AND DRAINS.

19. CONDENSATE DRAINS: ALL CONDENSATE DRAINS SHALL BE U.S. MANUFACTURED TYPE "L" HARD COPPER, SLOPED AT 1/4" PER FOOT MINIMUM. DRAINS SHALL DISCHARGE WHERE INDICATED INTO AN APPROVED INDIRECT WASTE RECEPTOR. INSULATE ALL PIPING.

20. PIPING SUPPORT: ALL PIPING SHALL BE SUPPORTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE. HORIZONTAL WATER PIPES AND CONDENSATE DRAINS SHALL BE HUNG WITH SUPERSTRUT C-727-F ADJUSTABLE FELT-LINED PIPE HANGERS. THREADED ROD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT SIX FOOT MAXIMUM INTERVALS. VERTICAL WATER PIPES AND CONDENSATE DRAINS SHALL BE SUPPORTED AT THEIR BASES AND AT EACH STORY OR AT TEN FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT SIX FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. HORIZONTAL NATURAL GAS PIPING SHALL BE SUSPENDED WITH THE SAME HARDWARE AS FOR WATER PIPING, EXCEPT WITHOUT FELT LINER, LOCATED EVERY TEN FEET FOR PIPES 3/4" AND SMALLER, AND TWELVE FEET MAXIMUM FOR PIPES 1" AND LARGER. VERTICAL NATURAL GAS PIPING SHALL BE SUPPORTED AT EACH STORY HEIGHT. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT TEN FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING.

HORIZONTAL CAST IRON PIPING SHALL BE HUNG WITH SUPERSTRUT C-710 ADJUSTABLE CLEVIS HANGERS, THREADED ROAD, AND BEAM ATTACHMENT BRACKETS, LOCATED AT FIVE FOOT MAXIMUM INTERVALS. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT FIVE FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING. VERTICAL PIPING SHALL BE SUPPORTED AT EACH FLOOR WITH SUPERSTRUT C-720 RISER CLAMPS AND AT MIDSPAN WITH C-708 CLAMPS INTO SUPERSTRUT CHANNEL.

21. ROUGH-IN: EXCEPT WHERE INDICATED IN THE FIXTURE SCHEDULE FOR ACCESSIBLE FIXTURES, PIPING ROUGH-IN SHALL BE IN PRECISE ACCORDANCE WITH THE STANDARD ROUGH-IN DIMENSIONS PUBLISHED BY THE MANUFACTURER. ALL FIXTURES SHALL BE LOCATED IN STRICT CONFORMANCE WITH THE ARCHITECTURAL PLANS. COORDINATE WITH MECHANICAL CONTRACTOR FOR INSTALLATION OF GAS AND CONDENSATE PIPING TO ANY HVAC UNITS. COORDINATE W/ FRAMING & CONCRETE CONTRACTORS FOR BACKING & BLOCKOUTS AS REQD.

22. INSULATION: INSULATE ALL HOT WATER PIPING WITH 1 INCH THICK FIBERGLASS. ALL EXTERIOR PIPING SHALL BE COVERED W/ 0.016 ALUMINUM JACKET W/ FORMED ALUMINUM ELBOWS PABCO. INSULATE ALL CONDENSATE DRAIN PIPING WITH 1 INCH THICK FIBERGLASS. ALL SERVICE JACKETS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. THERE SHALL BE NO GAPS IN THE INSULATION. INSULATE DRAIN TRAPS BELOW LAVS & SINKS WITH TRUEBRO LAV GUARD.

23. TESTING: ALL PIPING AND FIXTURES INSTALLED SHALL BE TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE, THE LOCAL JURISDICTION, AND THE SCHOOL DISTRICT STANDARDS.

24. STERILIZATION: ALL WATER PIPING SHALL BE FLUSHED AND STERILIZED. FLUSH EACH UNIT OF WATER SUPPLY AND DISTRIBUTION SYSTEM THOROUGHLY WITH CLEAN WATER AT THE HIGHEST VELOCITIES ATTAINABLE. STERILIZE WATER LINES BY FILLING WITH A SOLUTION CONTAINING FIFTY (50) PARTS OF CHLORINE PER MILLION PARTS OF WATER AND HOLDING THE SOLUTION THEREIN FOR AT LEAST EIGHT (8) HOURS WITH A WATER HEAD OF AT LEAST FIVE FEET ABOVE THE HIGHEST POINT IN THE SYSTEM. CONTINUE FLUSHING UNTIL THE RESIDUAL CHLORINE IS APPROXIMATELY, BUT NOT MORE THAN, TWO (2.0) PARTS PER MILLION.

25. MAINTAIN A MINIMUM OF TEN FEET OF CLEARANCE BETWEEN ANY AIR INTAKE AND ALL VENTS AND FLUES.

26. MANDATORY ENERGY MEASURES: PLUMBING EQUIPMENT SUBJECT TO CCR TITLE 24, PART 6, SHALL BE CERTIFIED BY THE MANUFACTURER AS COMPLYING WITH THE EFFICIENCY REQUIREMENTS AS PRESCRIBED IN SECTIONS 111, 113, 114, AND 115. SAID PLUMBING EQUIPMENT SHALL BE SPECIFIED AND INSTALLED IN ACCORDANCE WITH SECTION 123.

27. CORRECTION OF WORK: THE CONTRACTOR SHALL PROMPTLY CORRECT ALL WORK THE SCHOOL DISTRICT FINDS DEFECTIVE OR FAILING TO CONFORM TO THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BEAR ALL COSTS REQUIRED BY THE CONTRACT DOCUMENTS. IF ANY OF THE WORK IS FOUND TO BE DEFECTIVE OR NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL CORRECT IT PROMPTLY AFTER RECEIPT OF A WRITTEN NOTICE FROM THE SCHOOL DISTRICT TO DO SO.

28. LOW-FLOW FIXTURES: THE PLUMBING FIXTURES AND PLUMBING FITTINGS SHALL MEET THE FOLLOWING STANDARDS: TOILETS - 1.28 GALLONS PER FLUSH MAX. SHOWERHEADS - 2.0 GPM MAX. LAVATORY FAUCETS - 0.5 GPM MAX. SINK FAUCETS - 1.5 GPM MAX. ALL FIXTURES SHALL MEET APPLICABLE ANSI STDs.

29. SEISMIC ANCHORING: ANCHOR ALL EQUIPMENT INCLUDING WATER HEATERS TO RESIST SEISMIC INDUCED MOTION WITH APPROVED ANCHORING DEVICES PER CPC & CBC REQTS.

30. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE SCHOOL DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT.

31. WARRANTY: THE CONTRACTOR SHALL WARRANT THAT ALL SYSTEMS, SUBSYSTEMS, AND COMPONENT PARTS ARE FULLY FREE FROM DEFECTIVE DESIGN, MATERIALS, AND WORKMANSHIP FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE SCHOOL DISTRICT.

32. CLEANUP: CONTRACTOR SHALL THOROUGHLY CLEAN ENTIRE JOBSITE EVERY DAY OF ALL DEBRIS ASSOCIATED WITH PLUMBING INSTALLATION.

33. COORDINATION: CONTRACTOR SHALL COORDINATE WITH THE SCHOOL'S PROJECT MANAGER AND ALL RELATED TRADES.

34. CAP ALL ABANDONED PIPING BELOW FINISHED WALL OR FLOOR SURFACES.

35. CONTRACTOR SHALL REBUILD ALL FLUSHOMETERS 30 DAYS AFTER STARTUP.

36. SEE PLUMBING AND ARCHITECTURAL PLANS FOR EXACT FLOOR SINK LOCATIONS.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

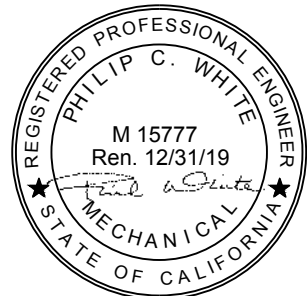
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phl@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

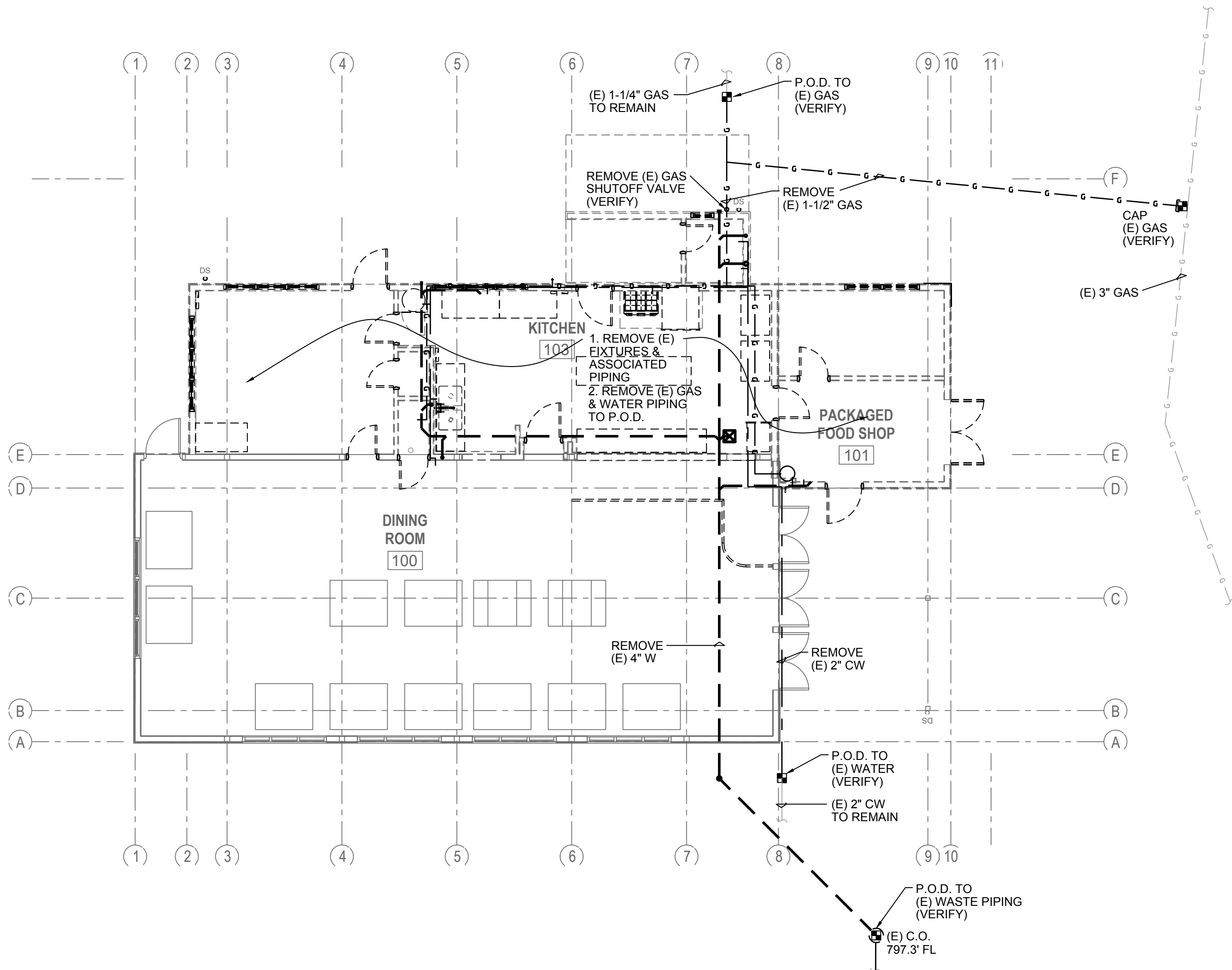
Sheet Name

PLUMBING NOTES

RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

P-1.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 PLUMBING DEMOLITION FLOOR PLAN
1/8" = 1'-0"



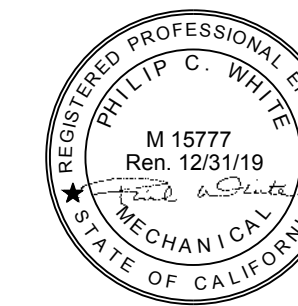
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@ae-groupme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILAJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

PLUMBING
DEMOLITION
PLAN

RNT Job No. 17759.04 / AE201861

Date 02/04/2019

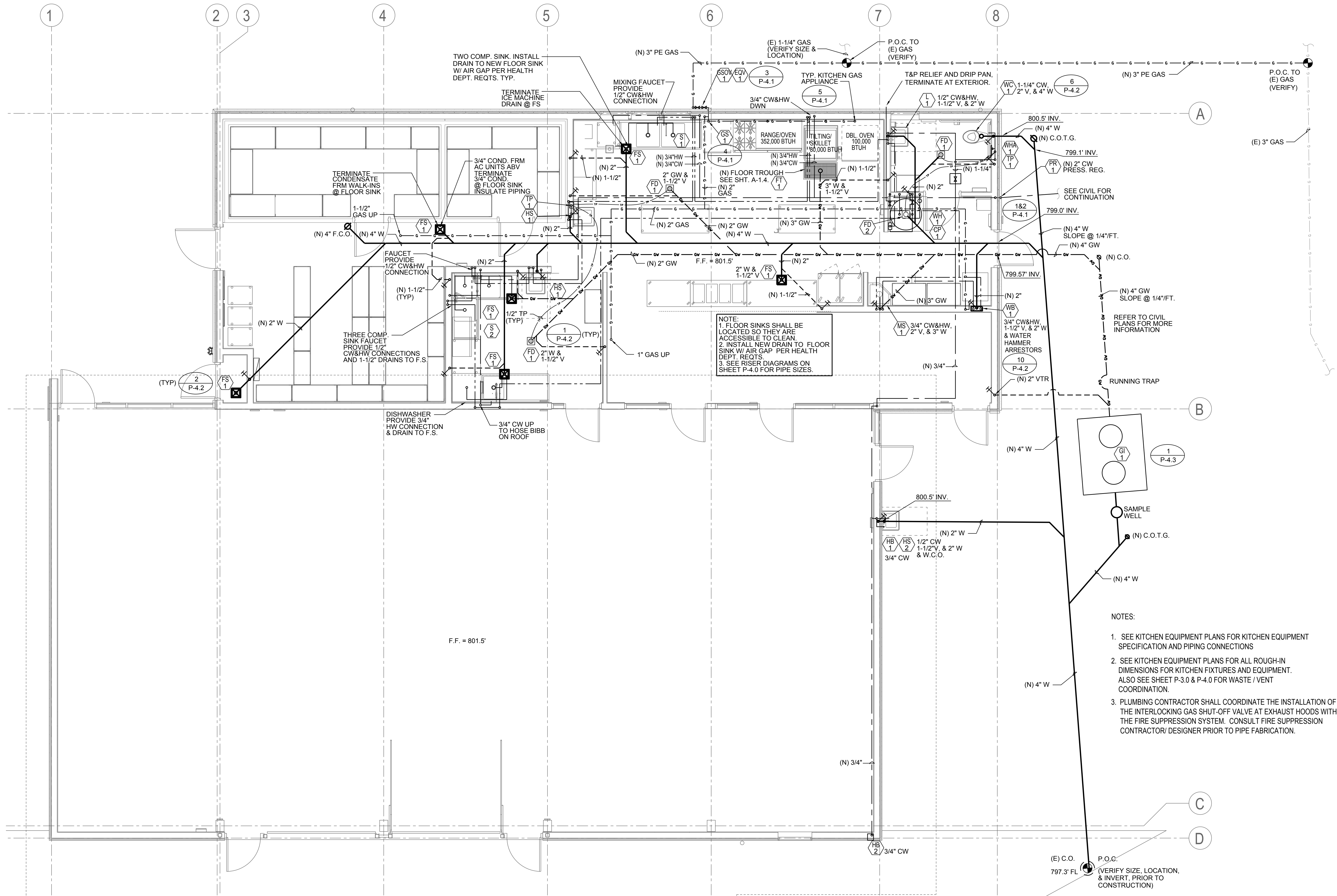
Drawn by TP

Checked by PW/HM

Sheet Number

P-2.0

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1 PLUMBING FLOOR PLAN
1/4" = 1'-0"



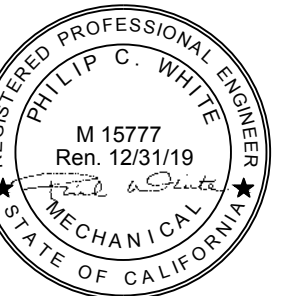
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrouppme.com



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

PLUMBING FLOOR PLAN

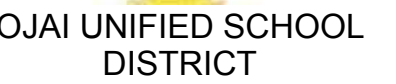
RNT Job No. 17759.04 / AE201861
Date 02/04/2019
Drawn by TP
Checked by PW/HM
Sheet Number

P-3.0

ACS _____ FLS _____ SS _____



REGISTERED PROFESSIONAL ENGINEER
 PHILIP C. WHITE
 M 15777
 Ren. 12/31/19
 MECHANICAL
 STATE OF CALIFORNIA

CONSTRUCTION
DOCUMENTS[illegible]

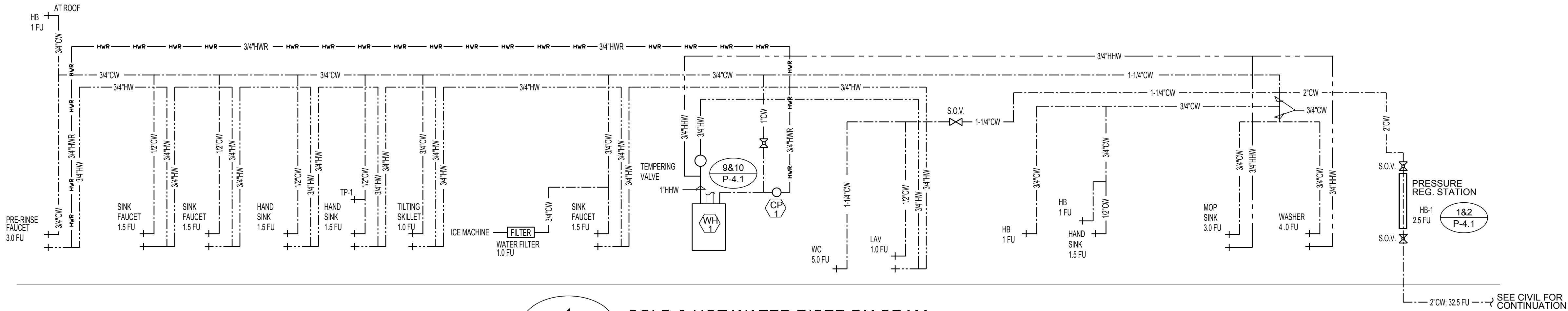
PLUMBING ROOF PLAN

P-3.1

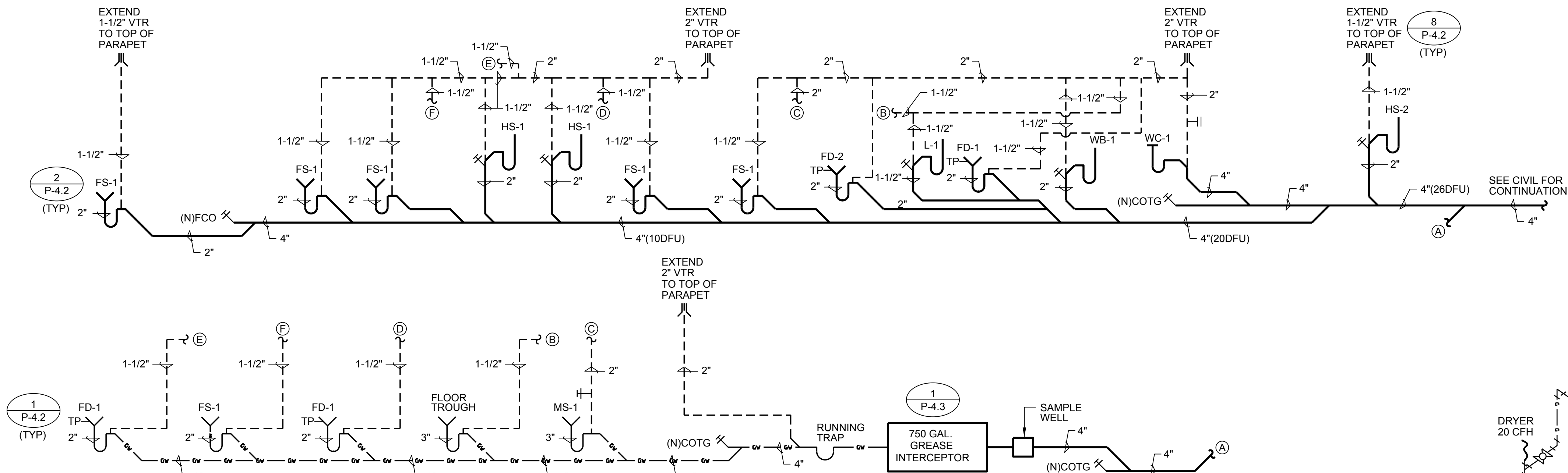


① PLUMBING ROOF PLAN
1/4" = 1'-0"

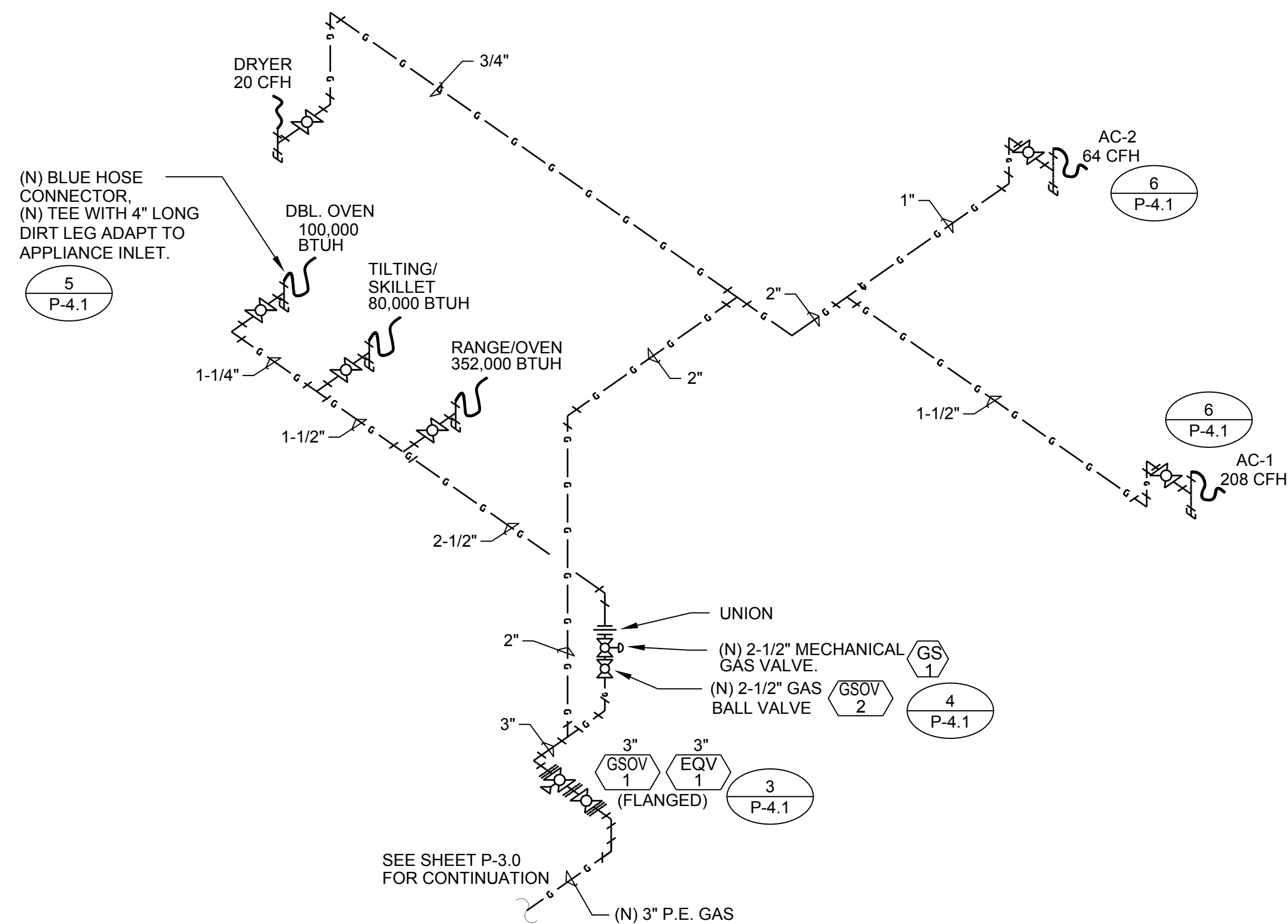
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



1
P-4.0
COLD & HOT WATER RISER DIAGRAM
SCALE: NONE



2
P-4.0
WASTE & VENT RISER DIAGRAM
SCALE: NONE



3
P-4.0
GAS ISOMETRIC
SCALE: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

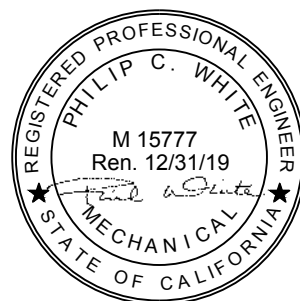
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILAJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

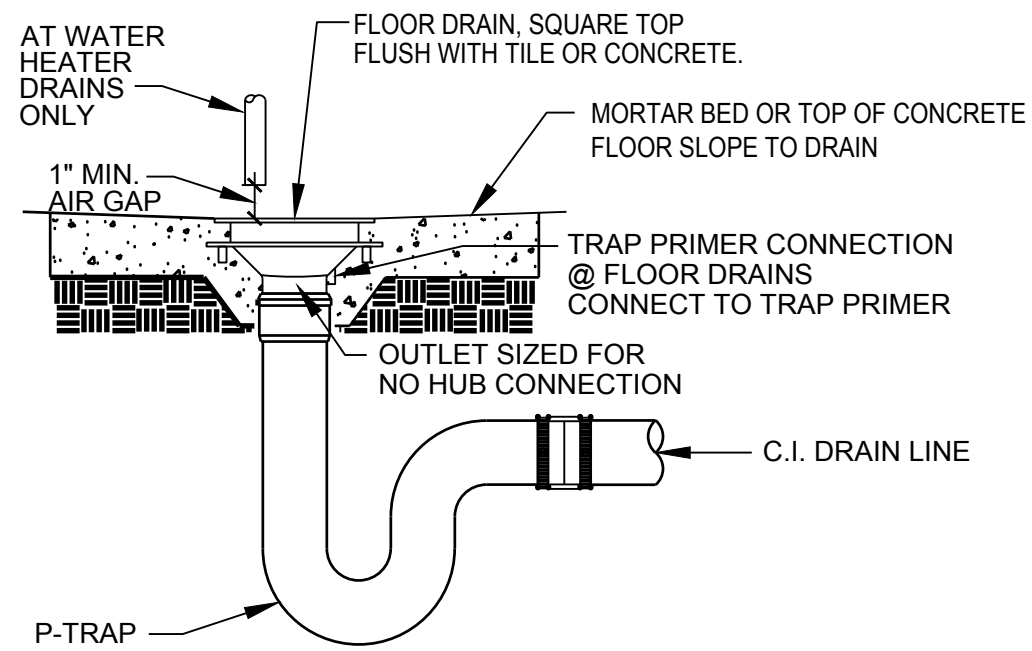
Sheet Name

PLUMBING
DETAILS

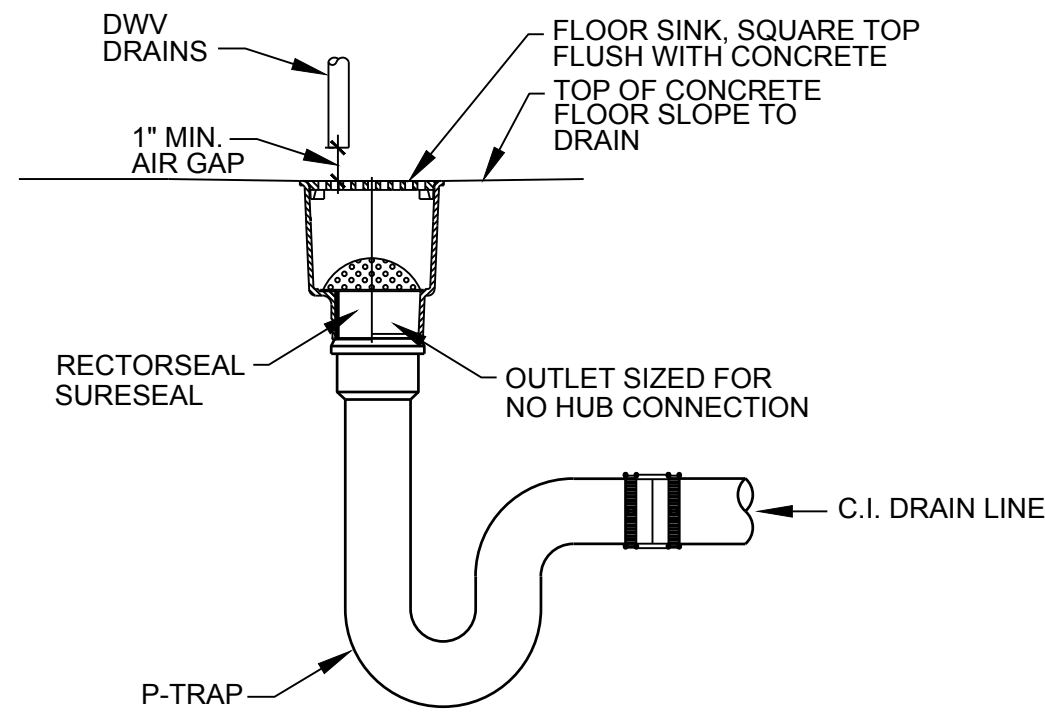
RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	

P-4.0

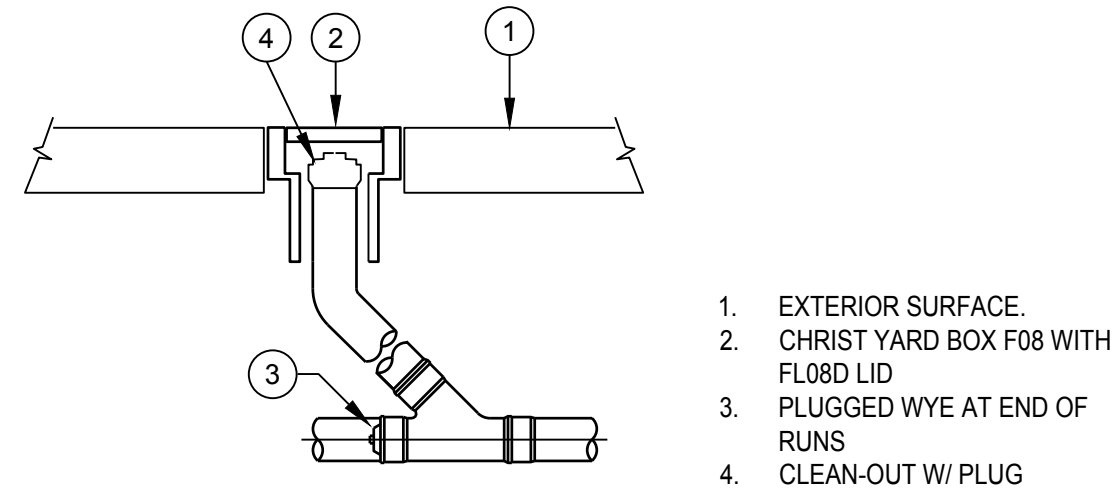
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



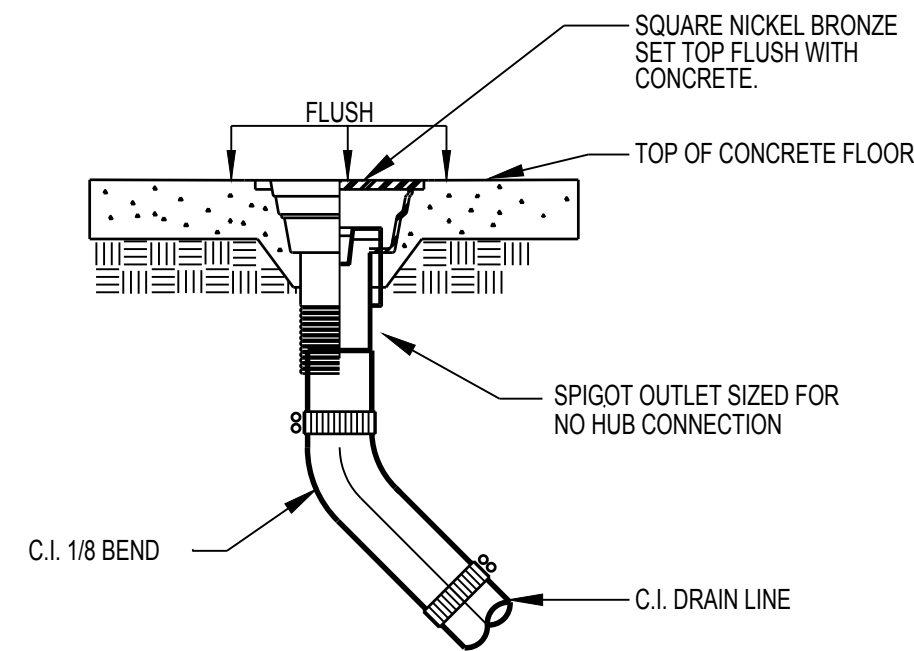
1
P-4.2
FLOOR DRAIN DETAIL
SCALE: NONE



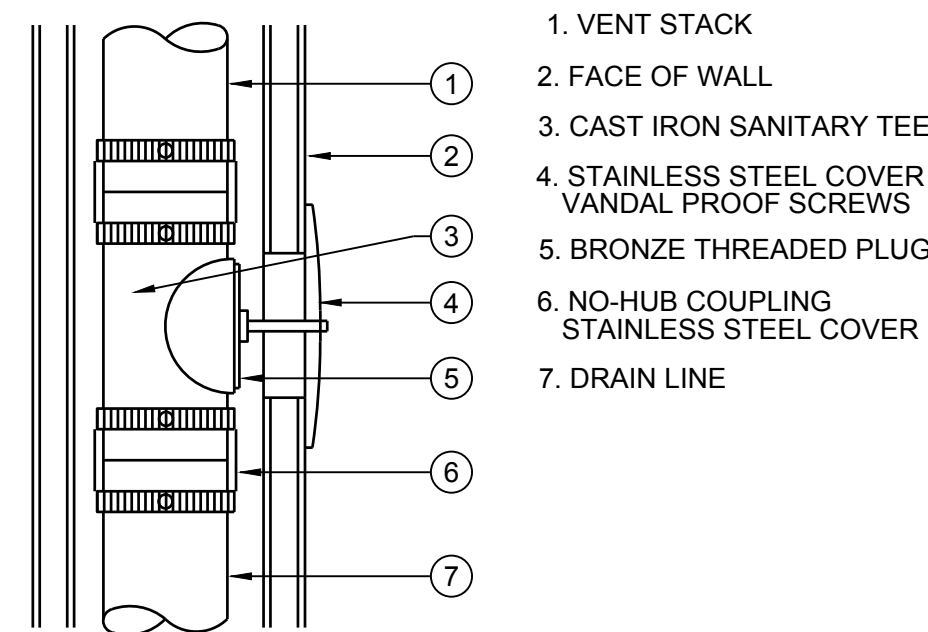
2
P-4.2
FLOOR SINK DETAIL
SCALE: NONE



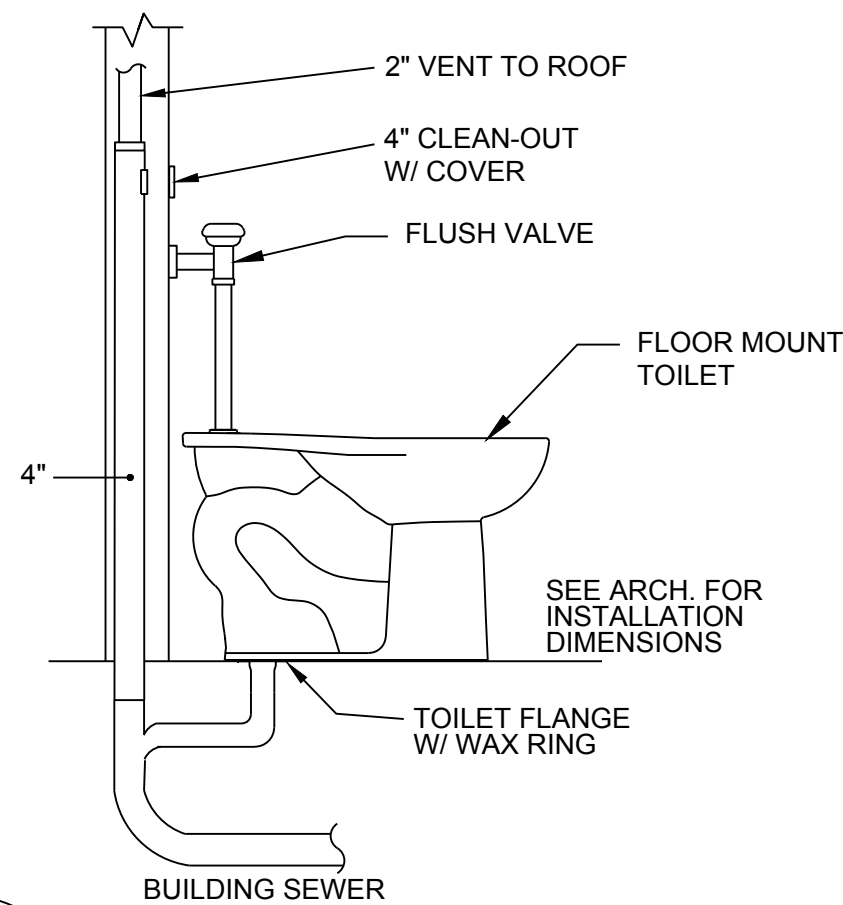
3
P-4.2
SURFACE CLEANOUT TO GRADE (COTG TYP)
SCALE: NONE



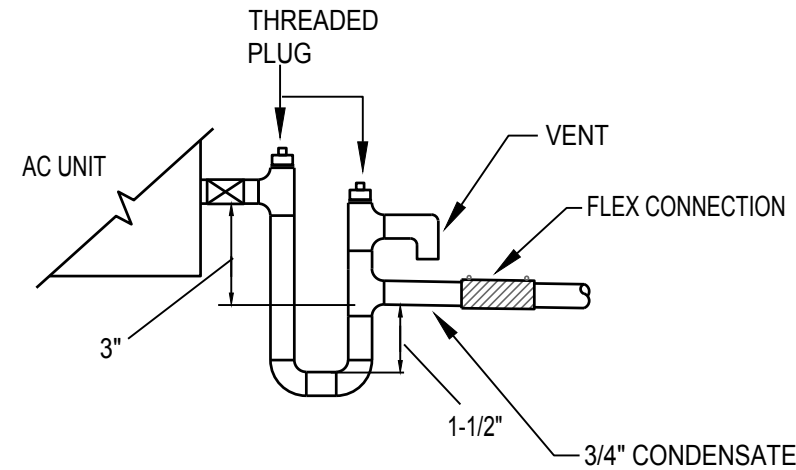
4
P-4.2
FLOOR CLEAN OUT DETAIL (FCO)
SCALE: NONE



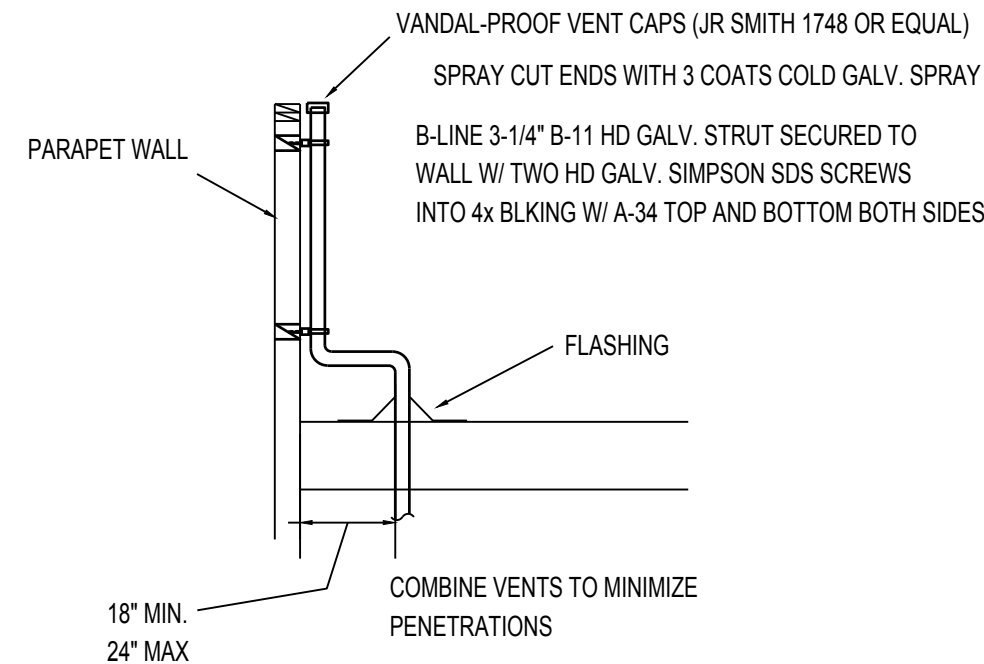
5
P-4.2
WALL CLEAN OUT DETAIL
SCALE: NONE



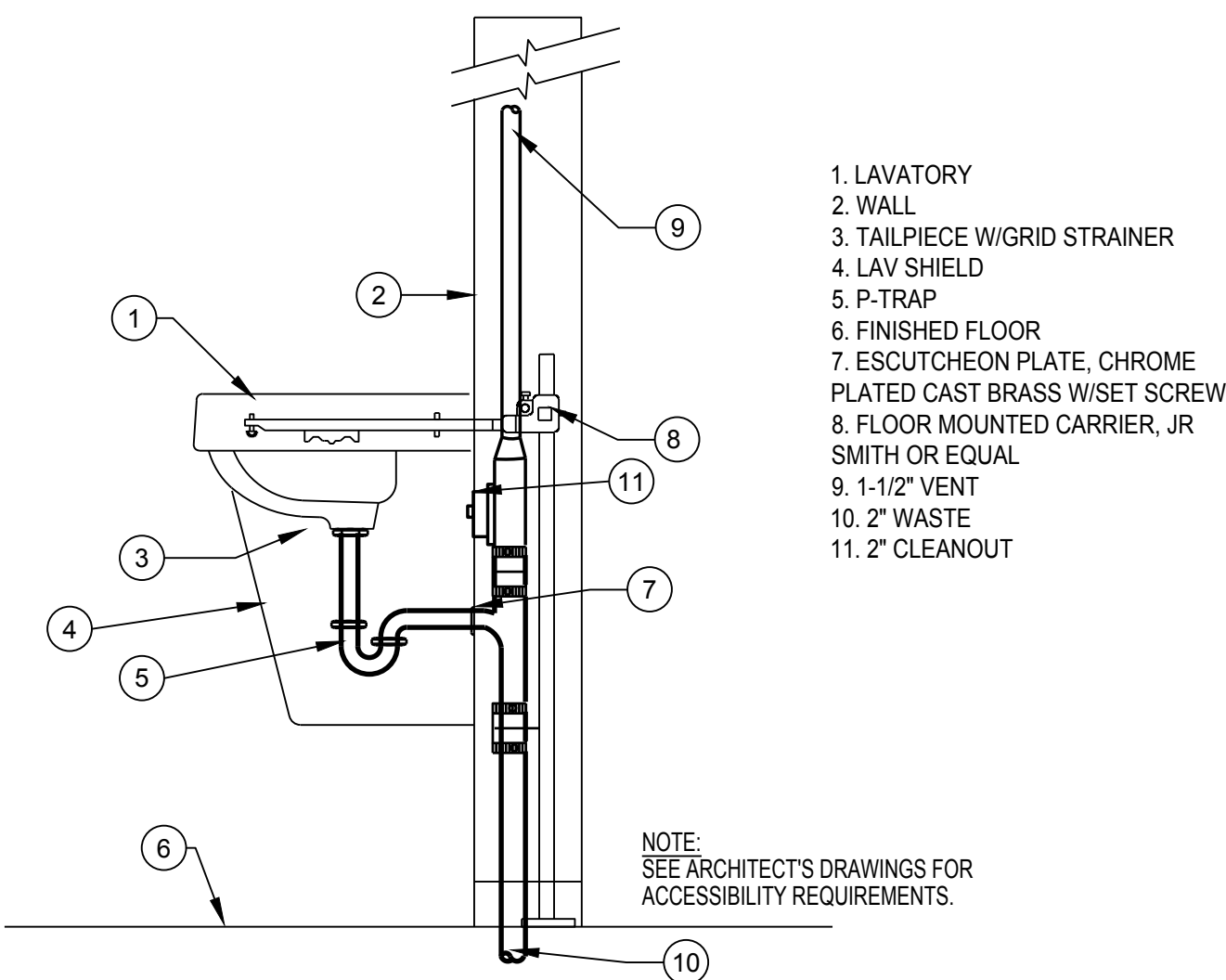
6
P-4.2
WATER CLOSET DETAIL
SCALE: NONE



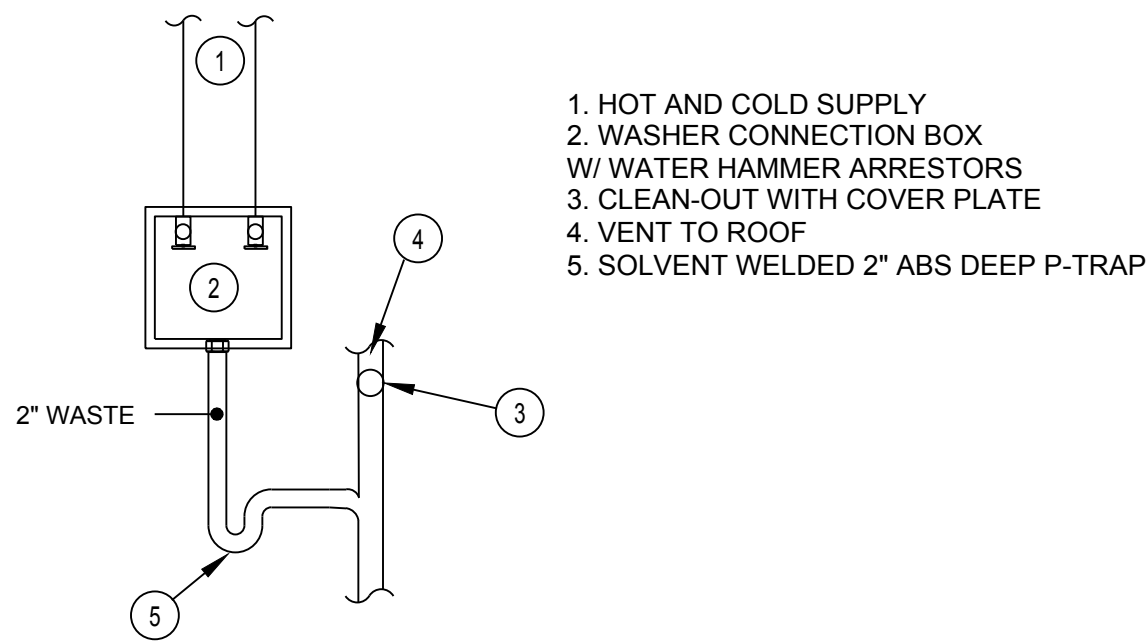
7
P-4.2
CONDENSATE P-TRAP DETAIL
SCALE: NONE



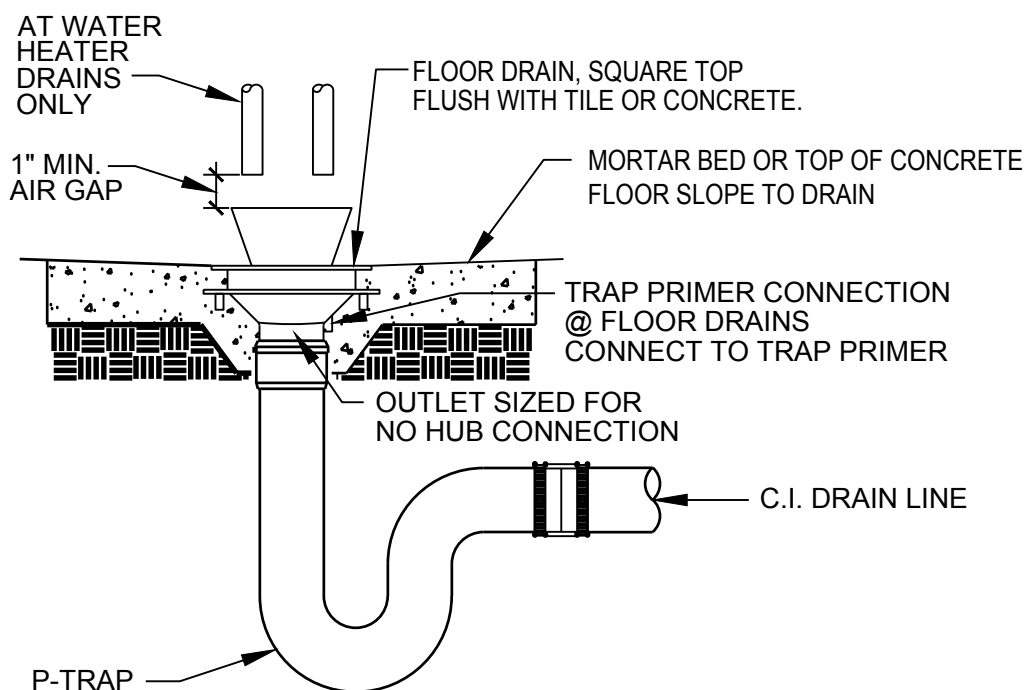
8
P-4.2
TYPICAL VENT TERMINATION
SCALE: NONE



9
P-4.2
LAVATORY DRAIN PIPE DETAIL
SCALE: NONE



10
P-4.2
WASHER BOX (WB-1) DETAIL
SCALE: NONE



11
P-4.2
FLOOR DRAIN (FD-2) DETAIL
SCALE: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

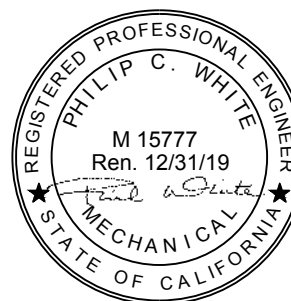
ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTArchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrp.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

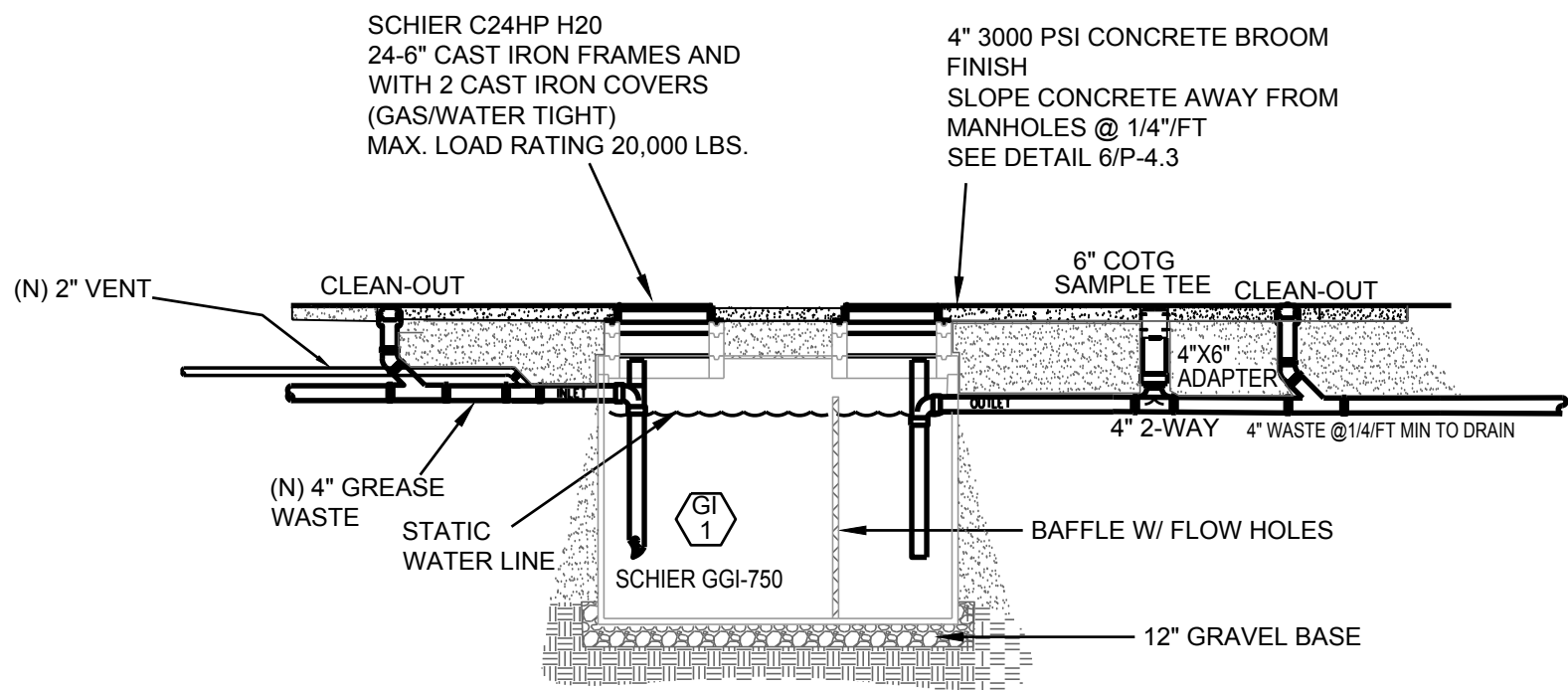
Revisions		
No.	Description	Date

Sheet Name

PLUMBING
DETAILS

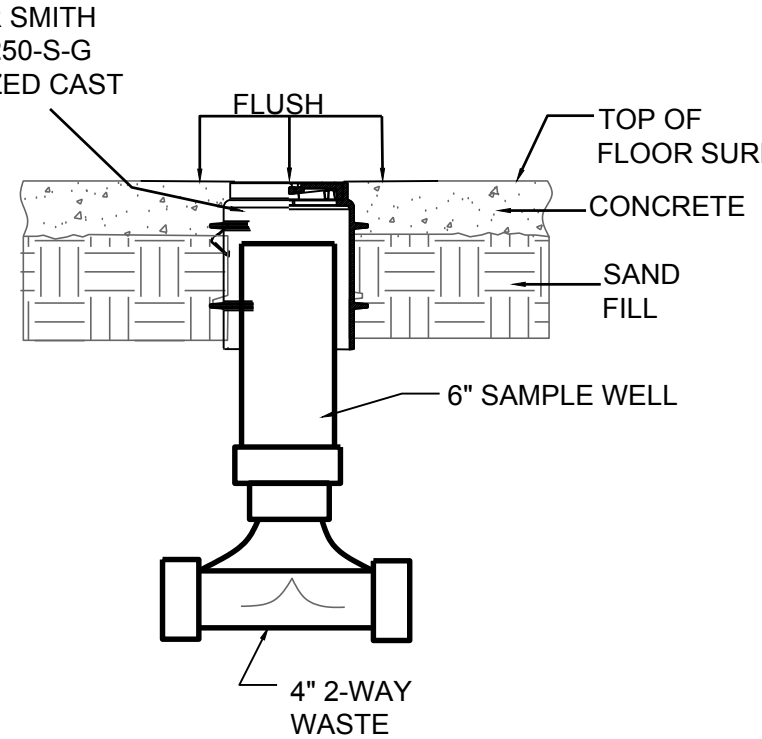
RNT Job No.	17759.04 / AE201861
Date	02/04/2019
Drawn by	TP
Checked by	PW/HM
Sheet Number	P-4.2

All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

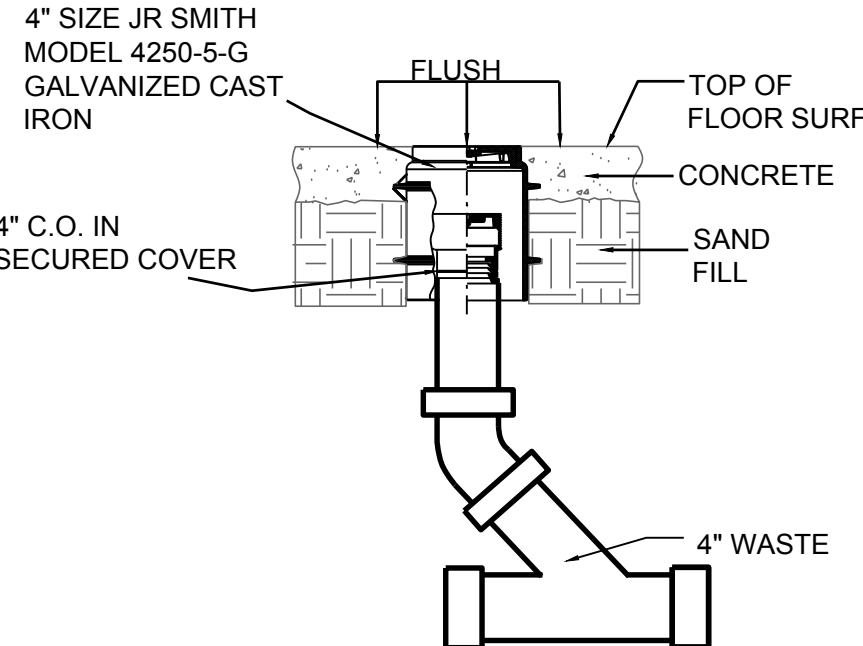


1 GREASE INTERCEPTOR PIPING DETAIL
P-4.3 SCALE: NONE

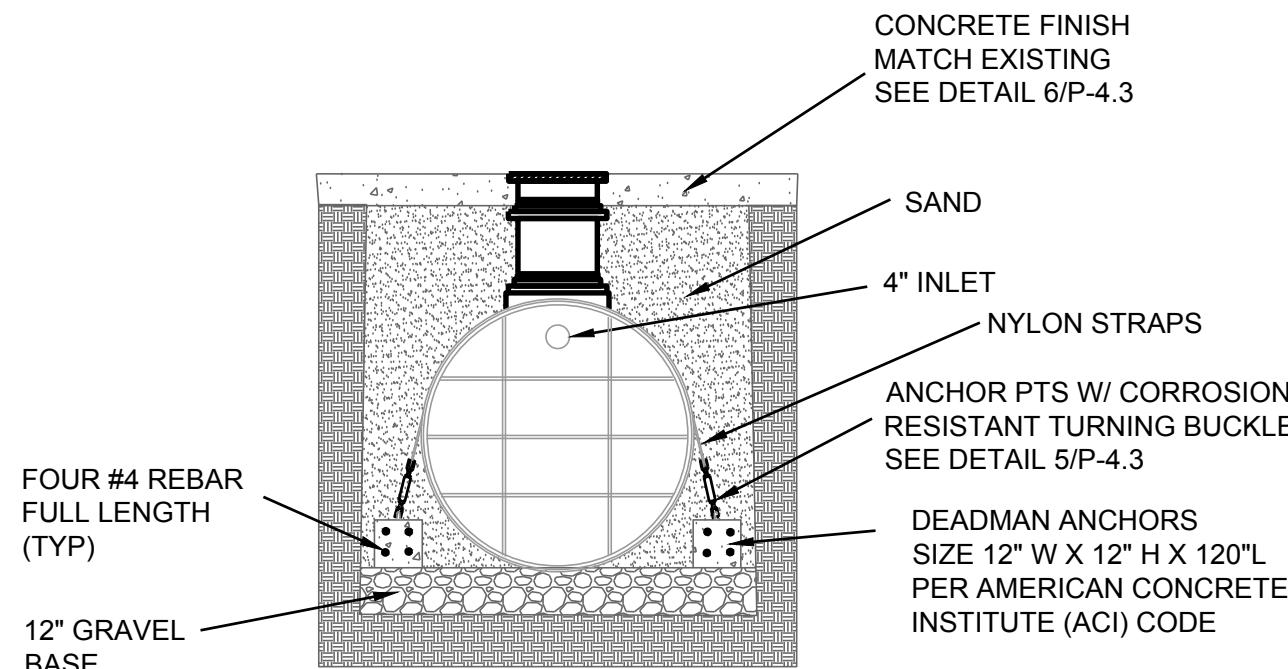
- NOTES:
- LIQUID CAPACITY: 750 GALLONS.
 - TANK DESIGNED FOR H-20 TRAFFIC WHEEL LOAD WITH DRY SOIL CONDITIONS (WATER TABLE BELOW TANK) AND 1' - 6" EARTH COVER OVER.
 - SUITABLE NATIVE OR SUB-BASE SHALL BE PREPARED TO HANDLE ANTICIPATED LOADS. THE EXCAVATION SHALL BE BEDDED WITH SUITABLE GRANULAR MATERIAL AND SHALL BE COMPACTED TO 90% MAXIMUM DRY DENSITY. OR TO REQUIREMENTS OF THE PROJECT GEOTECHNICAL ENGINEER.
 - SAMPLE PORT TO GRADE SHALL BE WITHIN HOUSING SET FLUSH WITH CONCRETE WITH CAST IRON COVER.
 - SEE INSTALLATION MANUAL FOR MORE DETAILS



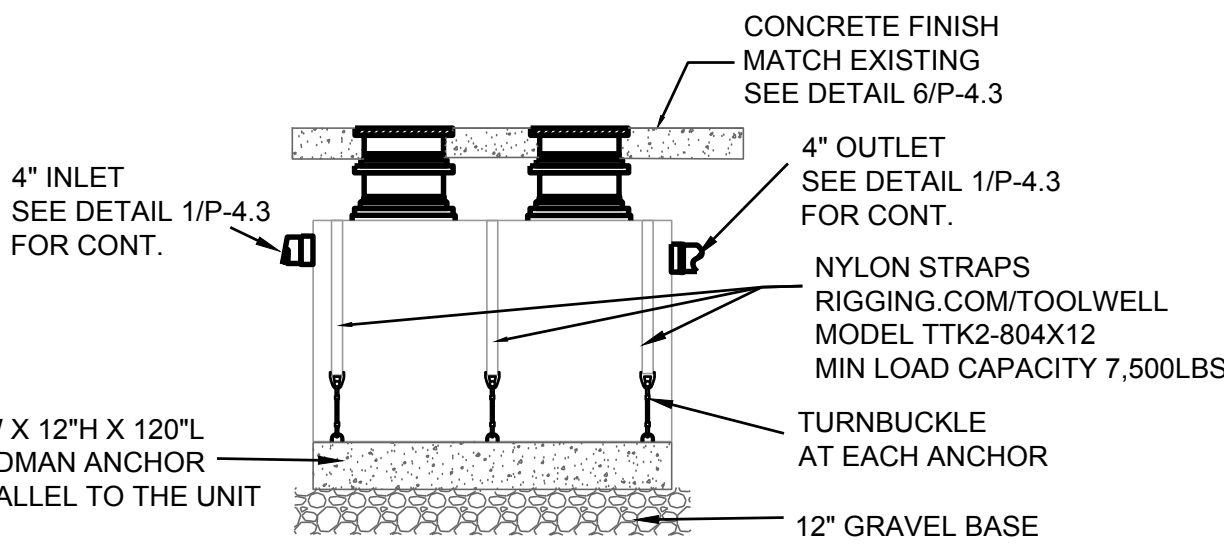
2 SAMPLE WELL DETAIL
P-4.3 SCALE: NONE



3 CLEANOUT DETAIL
P-4.3 SCALE: NONE

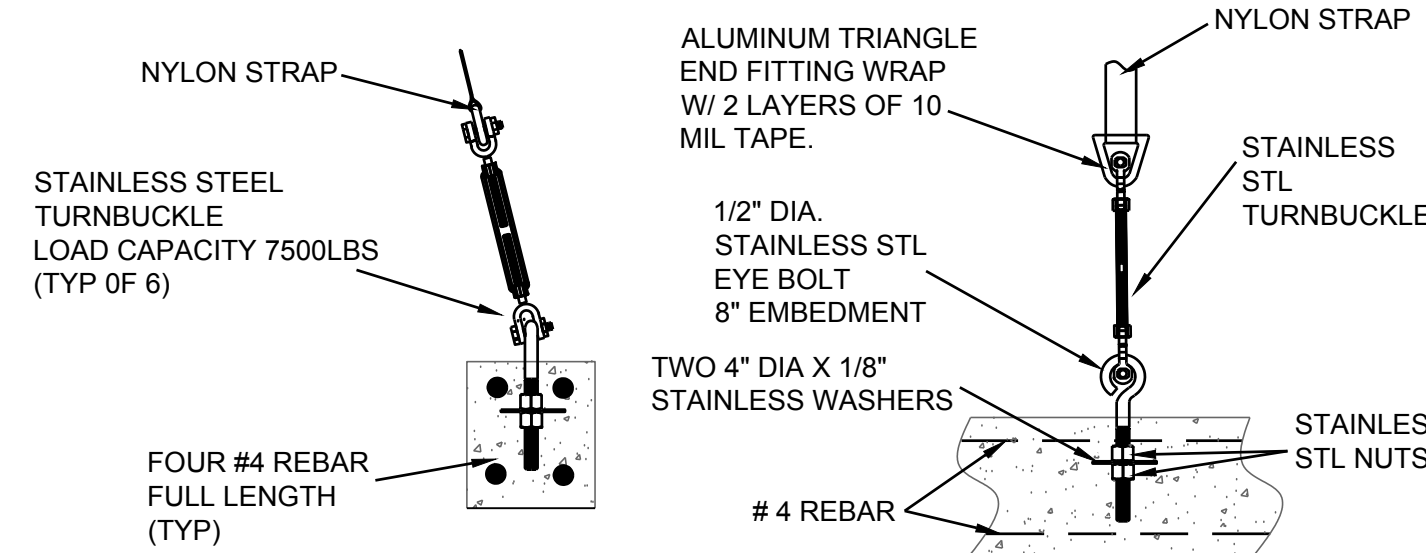


SECTION A-A



SECTION B-B

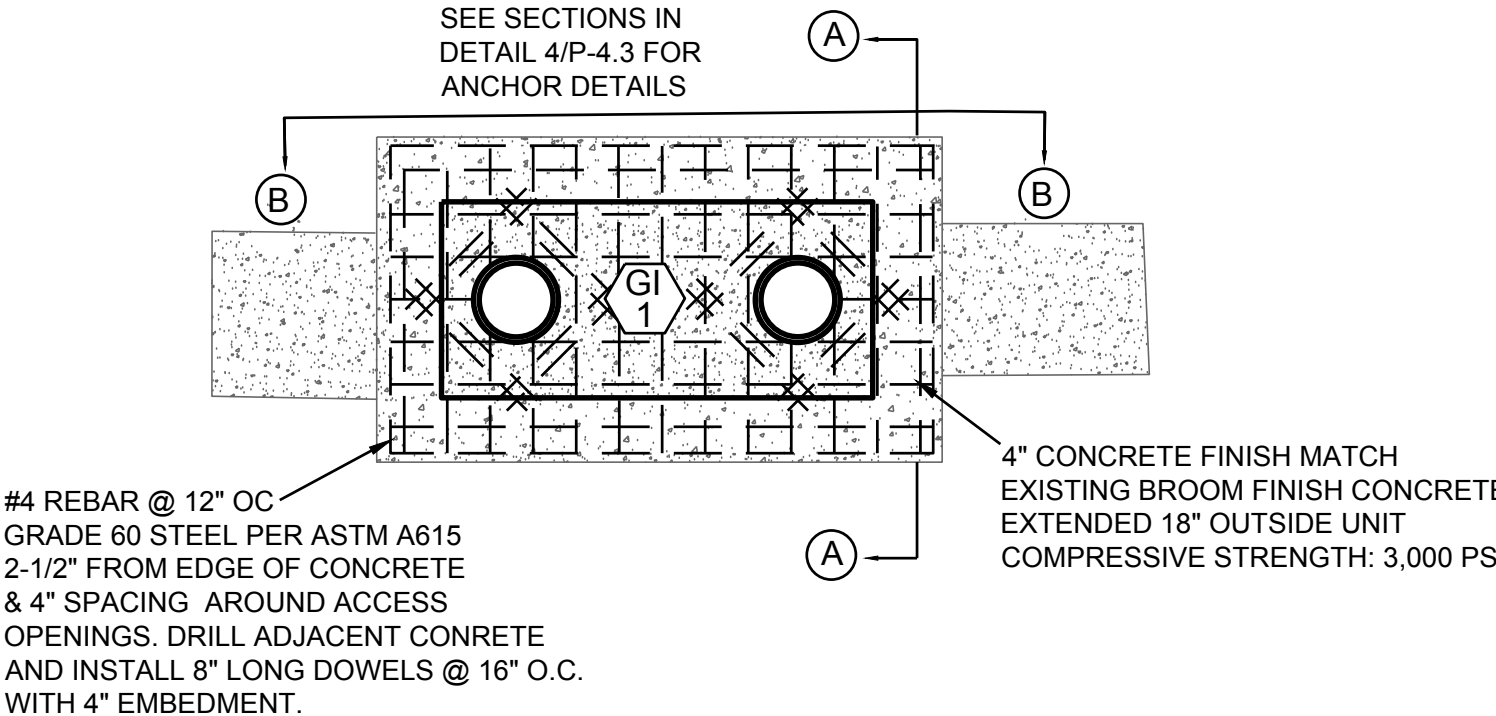
4 GREASE INTERCEPTOR ANCHOR DETAIL
P-4.3 SCALE: NONE



FRONT

SIDE VIEW

5 DEADMAN ANCHOR POINTS DETAIL
P-4.3 SCALE: NONE



6 GREASE INTERCEPTOR FINISH SLAB DETAIL
P-4.3 SCALE: NONE

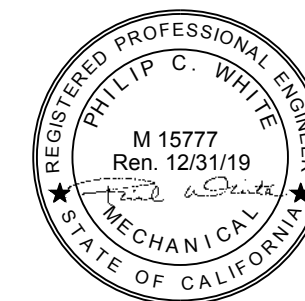
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

AE Group
Mechanical Engineers, Inc.
838 East Front Street
Ventura, California 93001
(805) 653-1722 FAX: (805) 653-7260
phil@aegrpme.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

PLUMBING
DETAILS

RNT Job No. 17759.04 / AE201861
Date 02/04/2019
Drawn by TP
Checked by PW/HM
Sheet Number

P-4.3

GGI-750

BigFoot Gravity Grease Interceptor Technical Data

Submittal | Special Precautions | Specifications | Installation

SUBMITTAL

STANDARD: 6" plain and inlet/outlet | Capacities - Liquid: 750 gal (2,859 L), Grease (Factory Rating): 5,336 lbs. (2,420.4 kg) @ 100 GPM / 3,828 lbs. (1,745.6 kg) @ 200 GPM. Solids: 75 gal. (284 L). Highway traffic load rated, bolted, gas/water tight composite covers. (16,000 lbs.)

OPTIONS:

☐ H2O Load Rated Pickable Cast Iron Covers

☐ 4" Plain End Inlet/Outlet

☐ 4" Male Thread Inlet/Outlet

☐ 6" Male Thread Inlet/Outlet

TeleGlide Risers

☐ SR24 (x2) 5" - 23"

☐ LR24 (x2) >23" - 38"

☐ SR24 (x4) >38" - 43"

☐ SR24 (x2) + LR24 (x2) >43" - 58"

☐ LR24 (x4) >58" - 72"

APPROVAL:

This product is made-to-order and is not returnable. This product is for below grade installations only.

Signature: _____

Date: _____

Company: _____

Specifying Engineer: _____

Engineering Firm: _____

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS

MODEL NUMBER: **GGI-750**

DESCRIPTION: Polyethylene Gravity Grease Interceptor 100/200 GPM - 750 gallon capacity

PART # 4250020404 DWG BY: K. Kerner DATE: 10/08/2016 REV: 5: 10/8/2016 ECO: _____

9500 Woodland Road, Edwardsville, KS 66111 Tel: 913-951-3300 Fax: 913-951-3399 www.schierproducts.com

057-0880-03 page 1 of 5

SPECIFICATIONS

NOTES

- 6" plain and SCH. 40 inlet/outlet.
- Unit weight - w/composite covers: 1200 lbs.; w/cast iron covers: 1350 lbs.
- Maximum operating temperature: 140° F continuous
- Capacities

Liquid: 750 gal.; Grease (Factory Rating): 5,336 lbs. @ 100 GPM / 3,828 lbs. @ 200 GPM. Solids: 75 gal.

ENGINEER SPECIFICATION GUIDE

Schier BigFoot® grease interceptor model # GGI-750 shall be lifetime guaranteed and made in USA of seamless, molded polyethylene with minimum 3/4" uniform wall thickness. Interceptor shall be furnished for below grade installation with field adjustable riser system. Interceptor flow rate shall be 100 or 200 GPM. Interceptor grease capacity shall be 5,336 lbs. @ 100 GPM or 3,828 lbs. @ 200 GPM. Cover shall provide water/gas-tight seal and have minimum 16,000 lbs. load capacity.

20,000 LBS. MAX. LOAD RATING ON C24HP H2O CAST IRON COVERS.

INSTALLATION (1 of 2)

BELOW GRADE INSTALLATION ONLY! DO NOT INSTALL ABOVE GRADE!

EXCAVATION

- Install unit as close as possible to fixtures being served.
- Surrounding soil must be undisturbed soil or well compacted engineering fill.
- Measure the width and length of the tank and excavate a hole that is a minimum of 18" greater than the tank on all sides and 12" deeper than tank bottom.
- After the excavation is complete create a well compacted support layer of sand/gravel mixture so the ground supporting tank is a minimum of 12" above native soil.

UNIT INSTALLATION

- Lower and center the unit into hole using straps around unit. Do not use chains or accessways to move the unit.
- Ensure the unit tops are level with finished grade.
- All pipe penetrations to be sleeved or have slip connections.
- For units with cast iron covers, remove retainer clips prior to burial.
- Fill unit with water before backfilling to stabilize unit and prevent float-out during backfilling.

BACKFILLING AND FINISHED CONCRETE SLAB

- Before backfilling and pouring of slab, secure covers and risers (if necessary) to the unit.
- Backfill evenly around tank using crushed aggregate (approximately 3/4" size rock or sand, with no fines) or flowable fill. Work backfill under the unit using a probe to ensure the unit is fully supported.
- Thickness of concrete around cover to be determined by specifying engineer. If traffic loading is required the concrete slab dimensions shown are for guidance purposes only. Concrete to be 28-day compressive strength of 4,000 PSI. Slab must extend 18" outside the unit footprint.
- NO 4 rebar @ 12" grade 60 steel per ASTM A615, connected with tie wire. Rebar to be 2-1/2" from edge of concrete and spaced in a 12" grid with 4" spacing around access openings.

DEADMAN ANCHORING:

1. Deadman anchors (by others) for high water table installation should be constructed according to the American Concrete Institute (ACI) code at a size of 12" W x 12" H x 81".

2. Deadmen should have 3 anchor turnbuckles with corrosion-resistant turnbuckles (by others) rated for a minimum load capacity of 7,500 lbs.

3. Lay the deadmen parallel with the unit and ensure that it is outside the shadow of the tank.

4. Connect nylon strapping (by others) to each anchor point. Nylon straps must have a minimum load capacity of 7,500 lbs.

CONCRETE SLAB DETAIL

INSTALLATION (2 of 2)

FIELD CUT RISER (24 SERIES) INSTALLATION GUIDELINES

Tools needed: 7/16" Nut driver, tool/bit (included), marker (included), tape measure and drill with 1/2" chuck. Ugaw, circular saw or reciprocating saw will be needed if risers need to be cut.

NOTE: To remove a component or adjust its position, the Upper Band Clamp needs to be loosened or removed using nut driver bit. **The Lower Band Clamp is factory set and should not be removed.** For proper fastening ensure clamps are tightened to 5 - 8 ft. lbs. of torque (same as a rubber no-hub coupling) prior to installation.

Riser Assembly Instructions/Steps

- Set unit so the pipe connections line up with job site piping and measure riser height needed from top of cover to finished grade. See Table 1 to select riser needed.
- Remove covers from adapters. Remove adapters from main unit. On level surface, pre-assemble the risers and adapters, adjusting the components upwards or downwards to achieve the riser height needed. Make sure to maintain minimum and maximum insertion depths as shown in Figure 2. If components are too long, make a circular line around the sidewall with marker and cut with a power saw. The lowest cut line on the riser assembly will be 6" beyond the riser height needed to allow for ideal insertion depth. (See Figure 1). An alignment mark should be drawn 2" beyond the riser height needed which will align with the top of the base unit gasket. **DO NOT** cut the alignment mark. The Adapters and risers should sit level with each other. Tighten upper clamps to keep riser/adaptor assembly from shifting. Make alignment marks on the sidewalls at the top of all riser gaskets to aid final assembly. (See general installation instructions).
- IMPORTANT:** Before the next step, make sure both diffusers are installed inside the main unit at the appropriate locations. Check if there needs to be any flow control adjustment at the inlet diffuser (see general installation instructions).
- Take apart riser assembly and clean all sidewalls and insides of gaskets to remove dust/debris. Install components into the main units starting from the lowest riser and work your way up to finished grade. Ensure that riser will not interfere with diffuser, allow min. 1" clearance. Maintain minimum and maximum insertion depths for all components (see Figure 2). Tighten Upper Clamps to specified torque after correctly positioning components. Riser assembly may need to be supported during backfill.
- If tilting of the adapter is required to be flush with grade, do so AFTER all clamps have been tightened with riser/adaptor in a vertical and level position. Tilting is done using gasket flexibility. Tilting before tightening clamps may run a perfect gasket seal. Schier recommends tilting only the adapter versus the entire riser assembly to make sure your riser height and proper tank access is maintained.
- If riser height conditions change after completing above steps, there may be room for adjustment. As long as minimum and maximum insertion depths are maintained (see Figure 2), the adapters/risers can be adjusted/cut as many times as necessary. When riser system installation is complete, see Leak/Seal Testing procedure if required.

Figure 1 - Riser Measurements

Riser Height Needed	Risers Required
0" - 3-1/2"	None (use adaptor)
5" - 23"	SR24 (x2)
>23" - 38"	LR24 (x2)
>38" - 43"	SR24 (x4)
>43" - 58"	SR24 (x2) + LR24 (x2)
>58" - 72"	LR24 (x4)

Figure 2 - Insertion Depths

INSTALLATION (1 of 2)

BELOW GRADE INSTALLATION ONLY! DO NOT INSTALL ABOVE GRADE!

WARNING! DO NOT AIR TEST UNIT OR FIELD CUT RISER SYSTEM! Doing so may result in property damage, personal injury or death. BELOW GRADE INSTALLATION ONLY! DO NOT INSTALL ABOVE GRADE!

LEAK/SEAL TESTING

Clamp/plug all base unit plumbing connections and remove covers. **For base unit testing,** fill with water to just above the highest connection. **For riser system testing** (if required) fill with water to finished grade level. **CAUTION: Risers must be supported before filling with water to prevent tipping.** Inspect unit, connections and all gaskets and clamps (if applicable) for leaks. Check water level at specific time intervals per local code. **NOTE: All GGI series tanks have been wet tested for leaks prior to shipment from the factory.**

EXCAVATION

- Install unit as close as possible to fixtures being served.
- Surrounding soil must be undisturbed soil or well compacted engineering fill.
- Measure the width and length of the tank and excavate a hole that is a minimum of 18" greater than the tank on all sides and 12" deeper than tank bottom.
- After the excavation is complete create a well compacted support layer of sand/gravel mixture so the ground supporting tank is a minimum of 12" above native soil.

UNIT INSTALLATION

- Lower and center the unit into hole using straps around unit. Do not use chains or accessways to move the unit.
- Ensure the unit tops are level with finished grade.
- All pipe penetrations to be sleeved or have slip connections.
- For units with cast iron covers, remove retainer clips prior to burial.
- Fill unit with water before backfilling to stabilize unit and prevent float-out during backfilling.

BACKFILLING AND FINISHED CONCRETE SLAB

- Before backfilling and pouring of slab, secure covers and risers (if necessary) to the unit.
- Backfill evenly around tank using crushed aggregate (approximately 3/4" size rock or sand, with no fines) or flowable fill. Work backfill under the unit using a probe to ensure the unit is fully supported.
- Thickness of concrete around cover to be determined by specifying engineer. If traffic loading is required the concrete slab dimensions shown are for guidance purposes only. Concrete to be 28-day compressive strength of 4,000 PSI. Slab must extend 18" outside the unit footprint.
- NO 4 rebar @ 12" grade 60 steel per ASTM A615, connected with tie wire. Rebar to be 2-1/2" from edge of concrete and spaced in a 12" grid with 4" spacing around access openings.

DEADMAN ANCHORING:

1. Deadman anchors (by others) for high water table installation should be constructed according to the American Concrete Institute (ACI) code at a size of 12" W x 12" H x 81".

2. Deadmen should have 3 anchor turnbuckles with corrosion-resistant turnbuckles (by others) rated for a minimum load capacity of 7,500 lbs.

3. Lay the deadmen parallel with the unit and ensure that it is outside the shadow of the tank.

4. Connect nylon strapping (by others) to each anchor point. Nylon straps must have a minimum load capacity of 7,500 lbs.

CONCRETE SLAB DETAIL

INSTALLATION (2 of 2)

FIELD CUT RISER (24 SERIES) INSTALLATION GUIDELINES

Tools needed: 7/16" Nut driver, tool/bit (included), marker (included), tape measure and drill with 1/2" chuck. Ugaw, circular saw or reciprocating saw will be needed if risers need to be cut.

NOTE: To remove a component or adjust its position, the Upper Band Clamp needs to be loosened or removed using nut driver bit. **The Lower Band Clamp is factory set and should not be removed.** For proper fastening ensure clamps are tightened to 5 - 8 ft. lbs. of torque (same as a rubber no-hub coupling) prior to installation.

Riser Assembly Instructions/Steps

- Set unit so the pipe connections line up with job site piping and measure riser height needed from top of cover to finished grade. See Table 1 to select riser needed.
- Remove covers from adapters. Remove adapters from main unit. On level surface, pre-assemble the risers and adapters, adjusting the components upwards or downwards to achieve the riser height needed. Make sure to maintain minimum and maximum insertion depths as shown in Figure 2. If components are too long, make a circular line around the sidewall with marker and cut with a power saw. The lowest cut line on the riser assembly will be 6" beyond the riser height needed to allow for ideal insertion depth. (See Figure 1). An alignment mark should be drawn 2" beyond the riser height needed which will align with the top of the base unit gasket. **DO NOT** cut the alignment mark. The Adapters and risers should sit level with each other. Tighten upper clamps to keep riser/adaptor assembly from shifting. Make alignment marks on the sidewalls at the top of all riser gaskets to aid final assembly. (See general installation instructions).
- IMPORTANT:** Before the next step, make sure both diffusers are installed inside the main unit at the appropriate locations. Check if there needs to be any flow control adjustment at the inlet diffuser (see general installation instructions).
- Take apart riser assembly and clean all sidewalls and insides of gaskets to remove dust/debris. Install components into the main units starting from the lowest riser and work your way up to finished grade. Ensure that riser will not interfere with diffuser, allow min. 1" clearance. Maintain minimum and maximum insertion depths for all components (see Figure 2). Tighten Upper Clamps to specified torque after correctly positioning components. Riser assembly may need to be supported during backfill.
- If tilting of the adapter is required to be flush with grade, do so AFTER all clamps have been tightened with riser/adaptor in a vertical and level position. Tilting is done using gasket flexibility. Tilting before tightening clamps may run a perfect gasket seal. Schier recommends tilting only the adapter versus the entire riser assembly to make sure your riser height and proper tank access is maintained.
- If riser height conditions change after completing above steps, there may be room for adjustment. As long as minimum and maximum insertion depths are maintained (see Figure 2), the adapters/risers can be adjusted/cut as many times as necessary. When riser system installation is complete, see Leak/Seal Testing procedure if required.

Figure 1 - Riser Measurements

Riser Height Needed	Risers Required
0" - 3-1/2"	None (use adaptor)
5" - 23"	SR24 (x2)
>23" - 38"	LR24 (x2)
>38" - 43"	SR24 (x4)
>43" - 58"	SR24 (x2) + LR24 (x2)
>58" - 72"	LR24 (x4)

Figure 2 - Insertion Depths

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS

MODEL NUMBER: **GGI-750**

DESCRIPTION: Polyethylene Gravity Grease Interceptor 100/200 GPM - 750 gallon capacity

PART # 4250020404 DWG BY: K. Kerner DATE: 10/08/2016 REV: 5: 10/8/2016 ECO: _____

9500 Woodland Road, Edwardsville, KS 66111 Tel: 913-951-3300 Fax: 913-951-3399 www.schierproducts.com

057-0880-03 page 1 of 5

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS

MODEL NUMBER: **GGI-750**

DESCRIPTION: Polyethylene Gravity Grease Interceptor 100/200 GPM - 750 gallon capacity

PART # 4250020404 DWG BY: K. Kerner DATE: 10/08/2016 REV: 5: 10/8/2016 ECO: _____

9500 Woodland Road, Edwardsville, KS 66111 Tel: 913-951-3300 Fax: 913-951-3399 www.schierproducts.com

057-0880-03 page 3 of 5

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS

MODEL NUMBER: **GGI-750**

DESCRIPTION: Polyethylene Gravity Grease Interceptor 100/200 GPM - 750 gallon capacity

PART # 4250020404 DWG BY: K. Kerner DATE: 10/08/2016 REV: 5: 10/8/2016 ECO: _____

9500 Woodland Road, Edwardsville, KS 66111 Tel: 913-951-3300 Fax: 913-951-3399 www.schierproducts.com

057-0880-03 page 4 of 5

SCHIER LIFETIME GUARANTEED GREASE INTERCEPTORS

MODEL NUMBER: **GGI-750**

DESCRIPTION: Polyethylene Gravity Grease Interceptor 100/200 GPM - 750 gallon capacity

PART # 4250020404 DWG BY: K. Kerner DATE: 10/08/2016 REV: 5: 10/8/2016 ECO: _____

9500 Woodland Road, Edwardsville, KS 66111 Tel: 913-951-3300 Fax: 913-951-3399 www.schierproducts.com

057-0880-03 page 5 of 5

DATE: 16 June 2019
TIME: 1:09 pm
PLOT DATE: 6/16/2019 1:09:36 PM
PLOT BY: Lee Keener
SAVE DATE: 5/7/2019 12:27:29 PM
DRAWING FILENAME: 18602E101.dwg
DRAFTER: Lee Keener
DRAFTING: G:\18602E101\18602E101.dwg
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessler Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 5 of 6)

A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for:

☒ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

H. Indoor Lighting Schedule and Field Inspection Energy Checklist

Luminaire Schedule		Installed Watts		Location		Field Inspector			
01	02	03	04	05	06	07	08		
Name or Item Tag	Complete Luminaire Description (i.e., 3 lamp fluorescent troffer, F3278, one dimmable electronic ballast)	Watts per Luminaire	How wattage was determined	Number of Luminaires	Total Installed Watts in this area (H03 x H05)	Primary Function area in which these luminaires are installed	Pass	Fail	
B	2 FOOT BATHROOM FIXTURE	25	<input type="checkbox"/>	<input checked="" type="checkbox"/>	1	25	RESTROOM	<input type="radio"/>	<input type="radio"/>
L1	2' X 4' GASKETED LED	59	<input type="checkbox"/>	<input checked="" type="checkbox"/>	13	767	KITCHEN	<input type="radio"/>	<input type="radio"/>
L3	2' X 4'	50	<input type="checkbox"/>	<input checked="" type="checkbox"/>	3	150	SUPPORT AREA	<input type="radio"/>	<input type="radio"/>
L5	DOWN LIGHT LED	33	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	132	KITCHEN	<input type="radio"/>	<input type="radio"/>
P1	72" DIA INTERIOR PENDANT	220	<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	2200		<input type="radio"/>	<input type="radio"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		<input type="radio"/>	<input type="radio"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		<input type="radio"/>	<input type="radio"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		<input type="radio"/>	<input type="radio"/>
			<input type="checkbox"/>	<input type="checkbox"/>		0		<input type="radio"/>	<input type="radio"/>
INSTALLED WATTS PAGE TOTAL:					3274	Enter sum total of all pages into NRCC-LTI-01-E; Page 2		3274	

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 6 of 6)

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: KEN LUCCI
Signature Date: 9-21-2018
Company: LUCCI & ASSOCIATES
Address: 3251 CORTE MALPASO, SUITE 511
City/State/Zip: CAMARILLO, CA., 93012
Phone: 805 389-6520

Documentation Author Signature: [Signature]

RESPONSIBLE PERSON'S DECLARATION STATEMENT

1 certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.

2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).

3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.

4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: KEN LUCCI
Signature Date: 9-21-2018
Company: LUCCI & ASSOCIATES
Address: 3251 CORTE MALPASO, SUITE 511
City/State/Zip: CAMARILLO, CA., 93012
Phone: 805 389-6520

Responsible Designer Signature: [Signature]

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 3 of 6)

E. Declaration of Required Certificates of Acceptance

Declare by selecting yes for all of the Certificates of Acceptance that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	FORM/TITLE	
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	

A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: ☒ CONDITIONED SPACE ☐ UNCONDITIONED SPACE

F. Indoor Lighting Schedule and Field Inspection Energy Checklist

☐ The actual indoor lighting power listed on the next 2 pages includes all installed permanent and planned portable lighting systems.

☐ When Complete Building Method is used for compliance, list each different type of luminaire on separate lines.

☐ When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines

☐ Also include track lighting in schedule, and submit the track lighting compliance document (NRCC-LTI-05-E) when line-voltage track lighting is installed.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 4 of 6)

G. Installed Portable Luminaires in Offices – Exception to Section 140.6(a)

This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance document.

This section is used to determine if greater than 0.3 watts of portable lighting is planned for any office

Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance shall not be traded between offices having different lighting systems.

Office Portable Luminaire Schedule	Office Installed Portable Luminaire W/ft²					Office Location	Field Inspector			
01	02	03	04	05	06	07	08	09	10	
Complete Luminaire Description (i.e., LED, under cabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	Installed portable luminaire watts in this office (G02 x G03)	Square feet of this office (G04 / G05)	Watts per square foot (G04 / G05)	If G06 ≤ 0.3, enter zero; If G06 > 0.3, (G06-0.3)	G05 x G07	Identify Office area in which these portable luminaires are installed	Pass	Fail
		0					0		<input type="radio"/>	<input type="radio"/>
		0					0		<input type="radio"/>	<input type="radio"/>
		0					0		<input type="radio"/>	<input type="radio"/>
		0					0		<input type="radio"/>	<input type="radio"/>
		0					0		<input type="radio"/>	<input type="radio"/>
Total installed portable luminaire watts that are greater than 0.3 W/ft² per office:							Enter sum total of all pages into NRCC-LTI-01-E; Page 2			

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 1 of 6)

A. General Information

Climate Zone: 6
Conditioned Floor Area: 5200
Unconditioned Floor Area:

Building Type: ☐ Nonresidential ☐ High-Rise Residential ☐ Hotel/Motel

☒ Schools ☐ Relocatable Public Schools ☒ Conditioned Spaces ☐ Unconditioned Spaces

Phase of Construction: ☒ New Construction ☐ Addition ☐ Alteration

Method of Compliance: ☒ Complete Building ☒ Area Category ☐ Tailored

Project Address: 703 EL PASEO ROAD, OJAI, CA, 93023

B. Lighting Compliance Documents (select yes for each document included)

For detailed instructions on the use of this and all Energy Efficiency Standards compliance documents, refer to the Nonresidential Manual published by the California Energy Commission.

YES	NO	COMP. DOC.	TITLE
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-01-E	Certificate of Compliance. All Pages required on plans for all submittals.
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-02-E	Lighting Controls, Certificate of Compliance, and PAF Calculation. All Pages required on plans for all submittals.
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-03-E	Indoor Lighting Power Allowance
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-04-E	Tailored Method Worksheets
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-05-E	Line Voltage Track Lighting Worksheets
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-06-E	Indoor Lighting Existing Conditions

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

STATE OF CALIFORNIA
INDOOR LIGHTING
CEC-NRCC-LTI-01-E (Revised 04/16)

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE
Indoor Lighting
Project Name: Matilija Junior High School Kitchen and Dining Hall
Date Prepared: 9-21-2018

NRCC-LTI-01-E
(Page 2 of 6)

C. Summary of Allowed Lighting Power

Conditioned and Unconditioned space Lighting must not be combined for compliance

Indoor Lighting Power for Conditioned Spaces			Indoor Lighting Power for Unconditioned Spaces		
	Installed Lighting	Watts		Installed Lighting	Watts
01	NRCC-LTI-01-E, Table H, page 5	+	3274	NRCC-LTI-01-E, Table H, page 5	+
02	Portable Only for Offices NRCC-LTI-01-E, Table G, page 4	+			
03	Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-		Minus Lighting Control Credits NRCC-LTI-02-E, page 2	-
04	Adjusted Installed Lighting Power (row 1 plus row 2 minus row 3)	=	3274	Adjusted Installed Lighting Power (row 1 minus row 3)	=
Complies ONLY if Installed ≤ Allowed (Box 04 < Box 05)			Complies ONLY if Installed ≤ Allowed (Box 04 < Box 05)		
05	Allowed Lighting Power Conditioned NRCC-LTI-03-E, page 1 Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2		5760	Allowed Lighting Power Unconditioned NRCC-LTI-03-E, page 1 Alterations with replacement luminaires that have at least 50/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2	

D. Declaration of Required Certificates of Installation

Declare by selecting yes for all of the Certificates that will be submitted. (Retain copies and verify forms are completed and signed.)

YES	NO	Form/Title	
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-01-E - Must be submitted for all buildings	<input type="checkbox"/> Field Inspector
<input checked="" type="radio"/>	<input type="radio"/>	NRCC-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-03-E - Must be submitted for a line-voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line-voltage track lighting, to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-05-E - Must be submitted for a Power Adjustment Factor (PAF) to be recognized for compliance.	<input type="checkbox"/> Field Inspector
<input type="radio"/>	<input checked="" type="radio"/>	NRCC-LTI-06-E - Must be submitted for additional wattage installed in a video conferencing studio to be recognized for compliance.	<input type="checkbox"/> Field Inspector

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

April 2016

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roessler Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3801 CORTE MALPASO, SUITE 511
CAMARILLO, CA 93012-8094
(805) 389-6520 FAX (805) 389-6519
Web Site: http://www.lucciland.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

TITLE 24
PAGE 1

RNT Job No. 17759.04
Date 02/04/2019
Drawn by AG, JR
Checked by TB
Sheet Number

E101

5/3/2019 10:07:02 AM
L.A.I.# 18602 PAPER SIZE 36"x24"

5.4.6 Lighting Control Acceptance Requirements (§130.4)
Before an occupancy permit shall be granted for a newly constructed building or area, or a new lighting system serving a building, area, or site is operated for normal use, indoor and outdoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance.

A Certificate of Acceptance shall be submitted to the enforcement agency under §10-103(a) of Part 1 and §130.4(a), that:

1. Certifies that all of the lighting acceptance testing necessary to meet the requirements of Part 6 is completed
2. Certifies that the applicable procedures in Reference Nonresidential Appendix NA7.6 and NA7.8 have been followed
3. Certifies that automatic daylight controls comply with §130.1(d) and Reference Nonresidential Appendix NA7.6.1
4. Certifies that lighting shut-OFF controls comply with §130.1(c) and Reference Nonresidential Appendix NA7.6.2
5. Certifies that demand responsive controls comply with §130.1(e) and Reference Nonresidential Appendix NA7.6.3
6. Certifies that outdoor lighting controls comply with the applicable requirements of §130.2(c) and Reference Nonresidential Appendix NA7.8
7. Certifies that lighting systems receiving the Institutional Power Adjustment Factor comply with §140.6(a)2J and Reference Nonresidential Appendix NA7.7.6.2

5.4.7 Lighting Certificate of Installation Requirements
Before any of the following applications will be recognized for compliance with the lighting requirements, the person who is eligible under Division 3 of the Business and Professions Code to accept responsibility for the construction or installation of features, materials, components, or manufactured devices shall sign and submit the Certificate of Installation for installation of the following items:

1. Lighting Control System
2. Energy Management Control System
3. Track lighting integral current limiter
4. Track lighting supplementary overcurrent protection panel
5. Interlocked lighting systems service a single space
6. Lighting controls installed to earn a lighting Power Adjustment Factor (PAF)
7. Additional lighting wattage available for a videoconference studio

If any of the requirements in the Certificate of Installation fail the installation requirements, that application shall not be recognized for compliance with the Energy Standards.

A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for:

☐ CONDITIONED spaces ☐ UNCONDITIONED spaces

C-2 AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE

- Do not include portable lighting for offices. Portable lighting for offices shall be documented only in Section G of NRCC-LTI-01-E.

- Separately list lighting for each primary function area as defined in §100.1 of the Standards.

01		02	X	03	=	04
AREA CATEGORY (From §140.6 Table 140.6-C)		WATTS PER ft ²		AREA (ft ²)		ALLOWED WATTS
Location in Building	Primary Function Area per Table 140.6-C	1.2		2800		3360
1ST LEVEL	KITCHEN					
1ST LEVEL	DINNING	1.0		2400		2400
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
						0
		TOTALS		5200		5760
Enter sum total Area Category allowed watts into section C-1 of NRCC-LTI-03-E (this compliance document)						WATTS

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016

A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:
☐ CONDITIONED SPACES ☐ UNCONDITIONED SPACES

B. Mandatory and Prescriptive Indoor Lighting Control Schedule, PAF Calculation, and Field Inspection Checklist

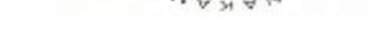
Lighting Control Schedule										PAF Credit Calculation *				✓ / Acceptance Test Required	Field Inspector
Standards Complying With ¹ (✓ all that apply, or leave empty if Exempted)										Watts of Controlled Lighting	PAF	Control Credit (11 x 12)	13		
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	
Location in Building	Type/ Description of Lighting Control (I.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc...)	# of Units	\$130.1(a)	\$130.0(b)	\$130.1(c)	\$130.1(d)	\$130.1(e)	\$140.6(a)	\$140.6(d)					Pass	Fail
1ST LEVEL	OCCUPANCY SENSOR	4	•									0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
1ST LEVEL	OCCUPANCY SENSOR	3	•									0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
1ST LEVEL	OCCUPANCY SENSOR	4	•									0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
												0	<input type="checkbox"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
				</											

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance January 2016

5/3/2019 10:07:02 AM
on. L.A.I.# 18602 PAPER SIZE 36"x24"

03-119638

ACS _____ FLS _____ SS _____



285 N Ventura Ave #102

P: 805.626.5330
F: 805.424.5350

LUCCI & ASSOCIATES, INC. reserve their commonlaw copyright and other property rights in these plans. These plans and drawings are not to



No.

Sheet Name

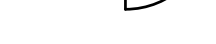
Date	02/04/20
Page	12

Sheet Number

F-110

602 PAPER SIZE 30

SCALE: 1"=10'-0"



1

03-119638

ACS _____ FLS _____ SS _____



Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3251 CORTE MALPASO, #511
CARMARILLO, CA 93012-8094
(805) 389-6520 FAX (805) 389-6519
Web Site <http://www.lucciland.com>



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

[illegible]

Sheet Name

ELECTRICAL SITE PLAN - NEW WORK

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG,JR
Checked by	TB
Sheet Number	

E120

5/3/2019 10:07:02 AM

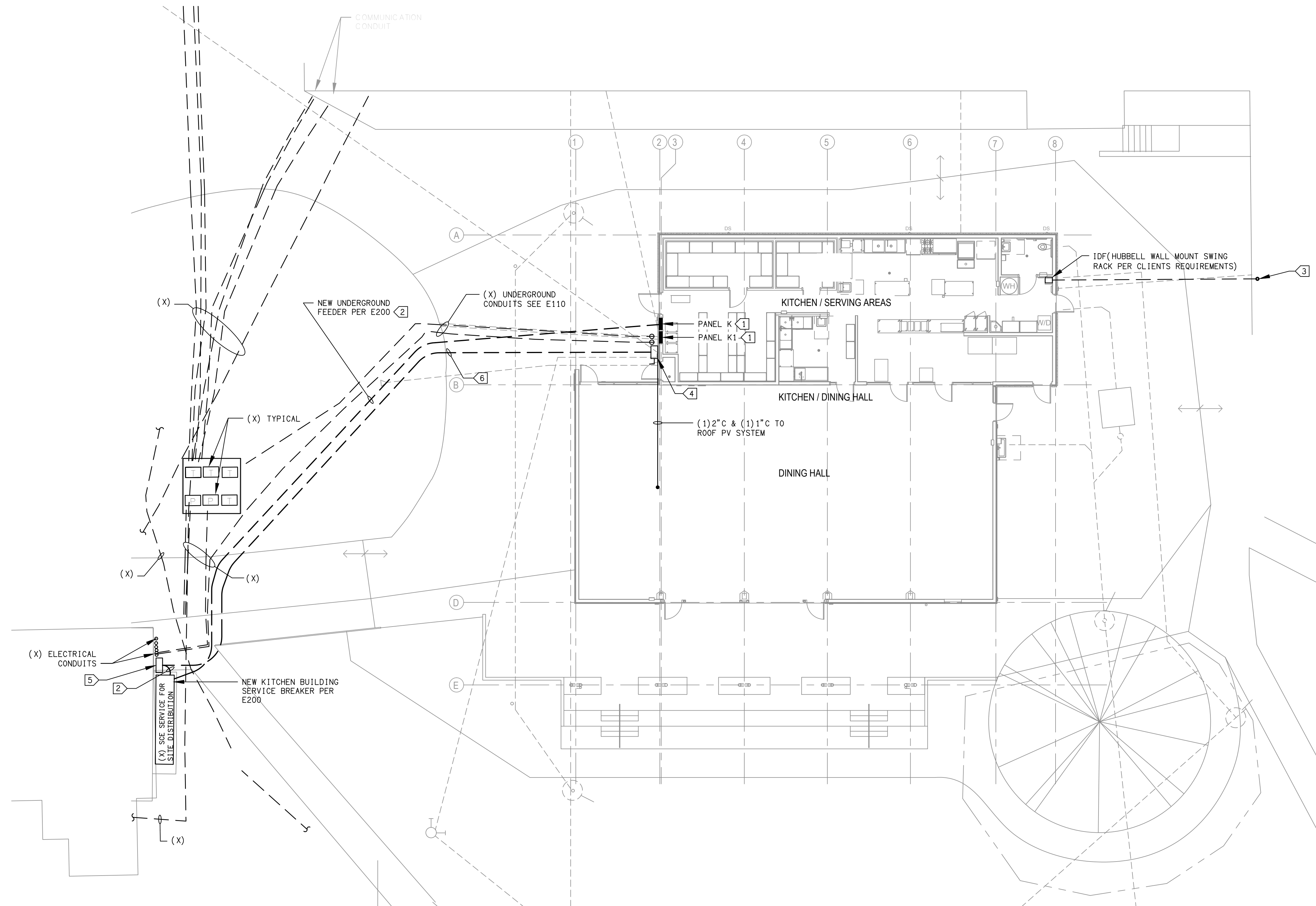
Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24"

SHEET NOTES:

1. FIELD VERIFY LOCATION OF ALL BUILDINGS AND APPENDITURES.
2. CONTRACTOR SHALL VERIFY LOCATION AND REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID. ROUGH-IN AND INSTALLATION.
3. CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY TRENCHING. CONTRACTOR SHALL PROTECT ALL EXISTING/REMAINING UNDERGROUND UTILITY SYSTEMS IN PLACE. CONTRACTOR SHALL REPAIR ANY UTILITY SYSTEM DAMAGED DURING CONSTRUCTION.
4. ALL CONDUIT 90° CONDUIT BENDS AND RISERS SHALL BE PVC SCHEDULE 80 RISERS.
5. MINIMUM CONDUIT BURIAL DEPTH IS 24".
6. CONTRACTOR TO PROVIDE GROUND CONDUCTORS IN ALL CONDUITS.
7. 1" CONDUIT MINIMUM UNDERGROUND.
8. COORDINATE WORK WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTIONS, DEVICES, AND WIRING REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT.
9. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE AND PER LOCAL AUTHORITIES HAVING JURISDICTION.

KEY NOTES:

- ① NEW POWER PANELS PER E200 PANELS.
- ② NEW POWER FEEDER PER E200 & E400.
- ③ EXISTING OPTICAL FIBER LOCATION TO BE EXTENDED TO NEW IDF PER E400, PROVIDE 1-1/2" (UNDERGROUND VIA LONG SWEET CONDUITS & DEEP BOXES (MINIMUM 6" X 6" X 6") WITH TIE LOCATION RATED FIBER OPTIC CABLE 6 STRAND SM/MM TERMINATE AT BOTH ENDS PER CLIENT'S REQUIREMENTS).
- ④ NEW PV DC DISCONNECT PER E200.
- ⑤ NEW PV AC DISCONNECT AND NEW PV INVERTER PER CONTRACTOR
- ⑥ (2) 3" FOR PV CABLEING TO PV INVERTER (⑤) AND DINING HALL ROOF MOUNTED PV PANELS.



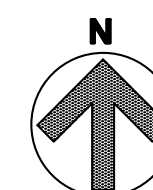
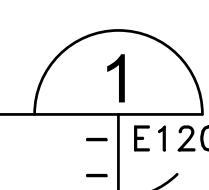
SCALE: 1"=10'



A horizontal scale bar with alternating black and white segments. It is marked with '0' at the left end, '10' at the midpoint, and '20' at the right end.

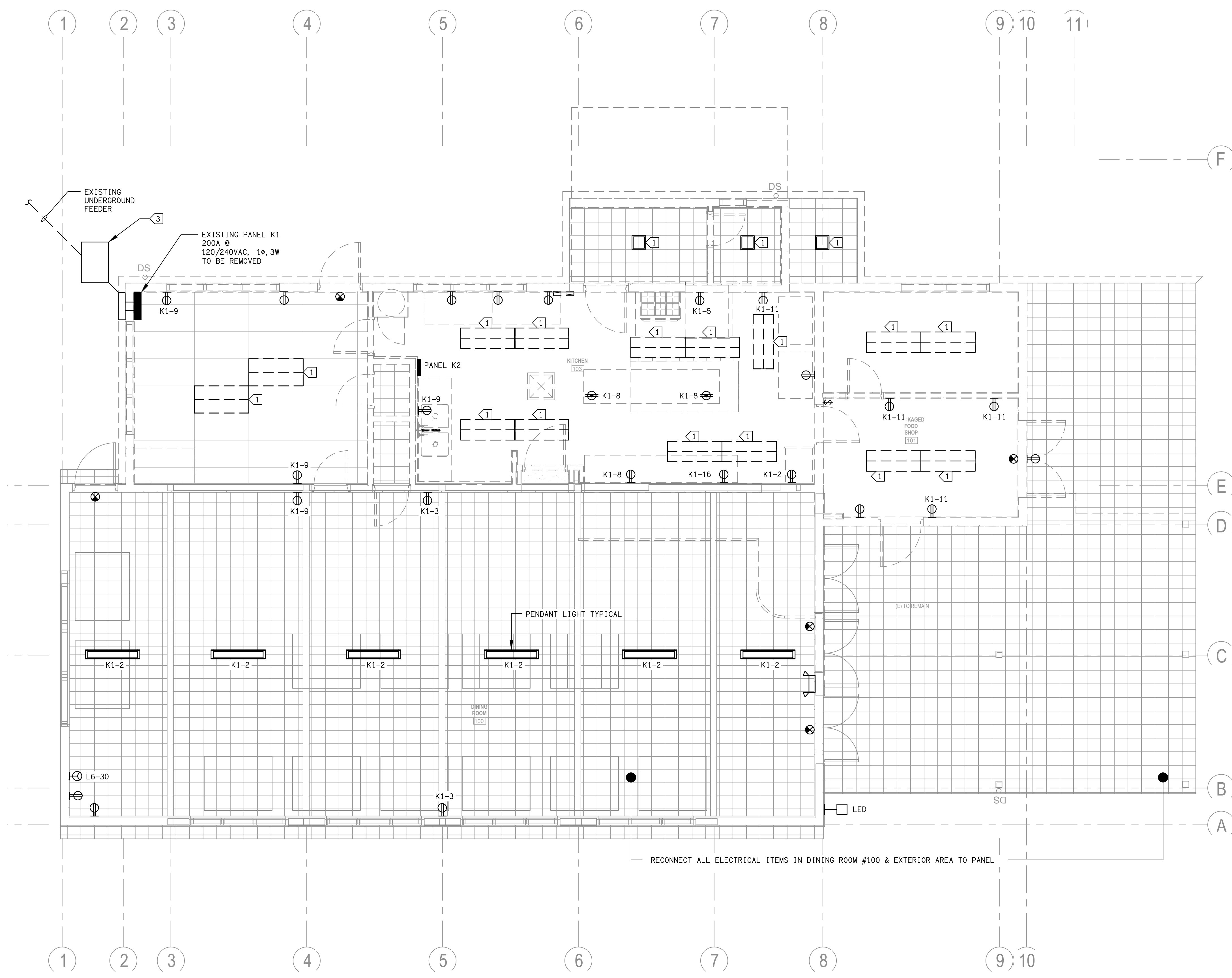
ELECTRICAL SITE PLAN - NEW WORK

SCALE: 1"=10'-0"

[illegible]

Drafter: Lee Keener: G:\18\602\EL\Sheets\18602E120.dwg: DATE: JUN 16, 2019 TIME: 12:44 PM

DRAFT: Lee Keener
DATE: 5/11/2019 12:20:38 PM
SAVE DATE: 5/11/2019 12:20:38 PM
PLOT BY: Lee Keener
PLOT DATE: 6/16/2019 1:10:24 PM
TIME: 1:10 pm
DATE: 16 June 2019
PATHNAME: G:\18602E\130.dwg
DRAWING FILENAME: 18602E\130.dwg
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



DEMOLITION PLAN - LIGHTING AND POWER
SCALE: 1/4"=1'-0"

SHEET NOTES:

- SCOPE: PROVIDE AND PERFORM DEMOLITION, PREPARATORY AND MISCELLANEOUS WORK IN AREAS AS INDICATED AND SPECIFIED, COMPLETE.
- DEMOLITION AND REMOVAL OF EXISTING ELECTRICAL CONDUIT, WIRING AND EQUIPMENT REQUIRED TO COMPLETE THE PROJECT.
- PREPARATION OF THE EXISTING BUILDING TO RECEIVE OR CONNECT THE NEW WORK.
- MISCELLANEOUS DEMOLITION, CUTTING, ALTERATION, AND REPAIR WORK IN THE EXISTING BUILDING NECESSARY FOR THE COMPLETION OF THE ENTIRE PROJECT.
- DISCONNECTING AND RECONNECTION OF ELECTRICAL EQUIPMENT AS REQUIRED BY THE CONSTRUCTION MODIFICATIONS.
- EXISTING CONDITIONS: PRIOR TO BID MAKE A DETAILED SURVEY OF THE EXISTING CONDITIONS PERTAINING TO THE WORK. CHECK THE LOCATIONS OF ALL EXISTING STRUCTURES, EQUIPMENT AND WIRING (BRANCH CIRCUITING AND CONTROLS). CHECK FOR ANY HAZARDOUS MATERIALS WHICH MAY REQUIRE SPECIAL HANDLING.
- SALVAGE AND DISPOSAL: ALL REMOVED MATERIAL OTHER THAN ITEMS TO BE REUSED SHALL BE RETURNED TO THE OWNER OR DISPOSED OF IN ACCORDANCE WITH INSTRUCTIONS FROM THE OWNER'S REPRESENTATIVE. DISPOSAL SHALL BE DONE IN ACCORDANCE WITH EPA AND GOVERNING BODY REQUIREMENTS AND REGULATIONS. CONTRACTOR SHALL PAY ALL FEES AND CHARGES FOR DISPOSAL.
- SCHEDULE ALL WORK AND OUTAGES WITH TENANTS AND OWNERS WRITTEN APPROVAL.
- CONTRACTOR SHALL LEAVE ALL CIRCUITS ENERGIZED TO DEVICES IN AREAS OUTSIDE OF DEMOLITION AREA EVEN IF FEEDERS ARE ROUTED THROUGH DEMOLITION AREA.

KEY NOTES:

- REMOVE LIGHTING FIXTURE AND CONDUIT/CONDUCTORS TO SOURCE.
- EXISTING FIXTURES & FEEDERS TO BE REMOVED TO SOURCE, CONDUITS MAY BE REUSED FOR NEW E300/E301 FIXTURES, TYPICAL 6.
- INTERCEPT FEEDER WITH NEW 2' X3' BROOKS PULLBOX (TRAFFIC RATED WITH TRAFFIC RATED LID) , CONTRACTOR TO SPLICE WITH UL LISTED WEATHER PROOF SPLICE KIT & EXTEND NEW FEEDER TO NEW PANEL K1 LOCATION PER E400 & E200.
- INTERCEPT COM SERVICE & INSTALL 2' X3' BROOKS PULLBOX (TRAFFIC RATED WITH TRAFFIC RATED LID) & PROVIDE (2)2"C & CABLE/FIBER TO NEW IDF.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

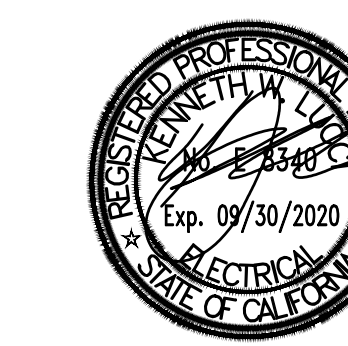
03-119638

ACS _____ FLS _____ SS _____



Roessler Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
8881 CORTO MALPASCIO, #101
CARMELITE, CA 95018-8091
(805) 389-6500 FAX (805) 389-6519
Web Site: <http://www.lucciland.com>



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

DEMOLITION
PLAN -
LIGHTING AND
POWER

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG,JR
Checked by	TB
Sheet Number	

E130

LIGHTING FIXTURE SCHEDULE							
TAG	SYMBOL	WATT	DESCRIPTION	LAMP - TYPE AND QUANTITY	MOUNTING	MANUFACTURER AND MODEL NUMBER	REMARKS
B		25	2 FOOT BATHROOM FIXTURE OVER MIRROR	LED	SURFACE	KENALL #MLHAB 24 R MW 25L35K	
L1		59	2' X4' GASKETED LED	LED	CEILING SURFACE	LITHONIA #2WRTL G L48 7000LM OAW AFL MVOLT EZ1 35K 80CRI FPA WH	
L3		50	2' X4' AMB24-F-45L35K-DCC-1-DV-FA	LED	CEILING SURFACE	KENALL AMB24-ST-45L35K- DCC-DV-FA	
LS		33	6" DOWNLIGHT	LED	RECESSED	KENDALL HADL6 FF 5FW 33L 35K9 M FW 9 RIG6 DV DIM1	
P1		220	72" DIA ORBIS ACRYLIC INTERIOR PENDANT LUMINAIRE WHITE REFLECTOR	LED	PENDANT	G-LIGHTING GL-2722-J-WH-1-A	.
P2		22	INDIRECT	LED	WALL	MARK S4LW1 LCB 4FT 80CRI 35K 1800LM FAS MINI MVOLT WHT (VERIFY) nLIGHT DPL DCF	.
WF		12. 7	AREA LIGHT MEDIUM SIZE	LED	WALL	TECH LIGHTING 700WSPIT S XX LED830	
WL		19	AREA LIGHT SMALL SIZE	LED	WALL	LITHONIA # DSXW110C 35040KT3M 120 PIR1FC3V ELCH DWHXD	
SL		11	LED STEP LIGHT	LED	SURFACE	BEGA 33055	.
X		7	EXIT SIGN WITH BATTERY (GREEN FACE)	LED	UNIVERSAL	LITHONIA # LRP-1-GC-120-277-EL-N	ARROW AS REQUIRED PER PATH OF EGRESS & 90 MINUTE BATTERY PACK

DEVICE/CONTROL LEGEND	
TAG	DESCRIPTION
C5	CAT 5 CABLE
\$V	VACANCY SENSOR SWITCH
\$20S	OCCUPANCY SENSOR SENSOR SWITCH - LINE VOLTAGE DUAL LEVEL WSD PDT 2P
\$0L	nLIGHT WALL SWITCH DECORA OCCUPANCY SENSOR DUAL TECHNOLOGY (PDT) LOW VOLTAGE ON/OFF/RAISE/LOWER CONTROL #nWSXPDTLVDXWH
D1	nLIGHT ON/OFF RAISE LOWER #nPODMDXWH
D2	nLIGHT DIMMER 2 CHANNEL ON/OFF TOGGLE #nPODM2PDXWH
OS	nLIGHT STANDARD RANGE 360° SENSOR CEILING MOUNT, LOW VOLTAGE DUAL TECHNOLOGY #nCMPDT9
OSP	nLIGHT STANDARD RANGE 360° SENSOR CEILING MOUNT, LOW VOLTAGE DUAL TECHNOLOGY (PDT) PHOTOCELL WITH DIMMING (NO WIRES) #nCMPDT9ADCX
AOSP	nLIGHT AUTOMATIC DIMMING CONTROL PHOTOCELL, CEILING MOUNT, LOW VOLTAGE DUAL ZONE #nCMAADCXDZ
AAOSP	nLIGHT AUTOMATIC DIMMING CONTROL PHOTOCELL, CEILING MOUNT, LOW VOLTAGE DUAL ZONE WITH OCCUPANCY SENSOR nCMPDT10ADCXDZ
PC	PHOTOCELL 120/277VAC

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____

Roessler Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTArchitects.com

LUCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3881 SANTA MONICA BLVD
CARMELITE, CA 95018-8091
(805) 389-6500 FAX (805) 389-6519
Web Site <http://www.luciland.com>

OJAI UNIFIED SCHOOL DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

LIGHTING
FIXTURE
SCHEDULE

RNT Job No. 17759.04

Date 02/04/2019

Drawn by AG,JR

Checked by TB

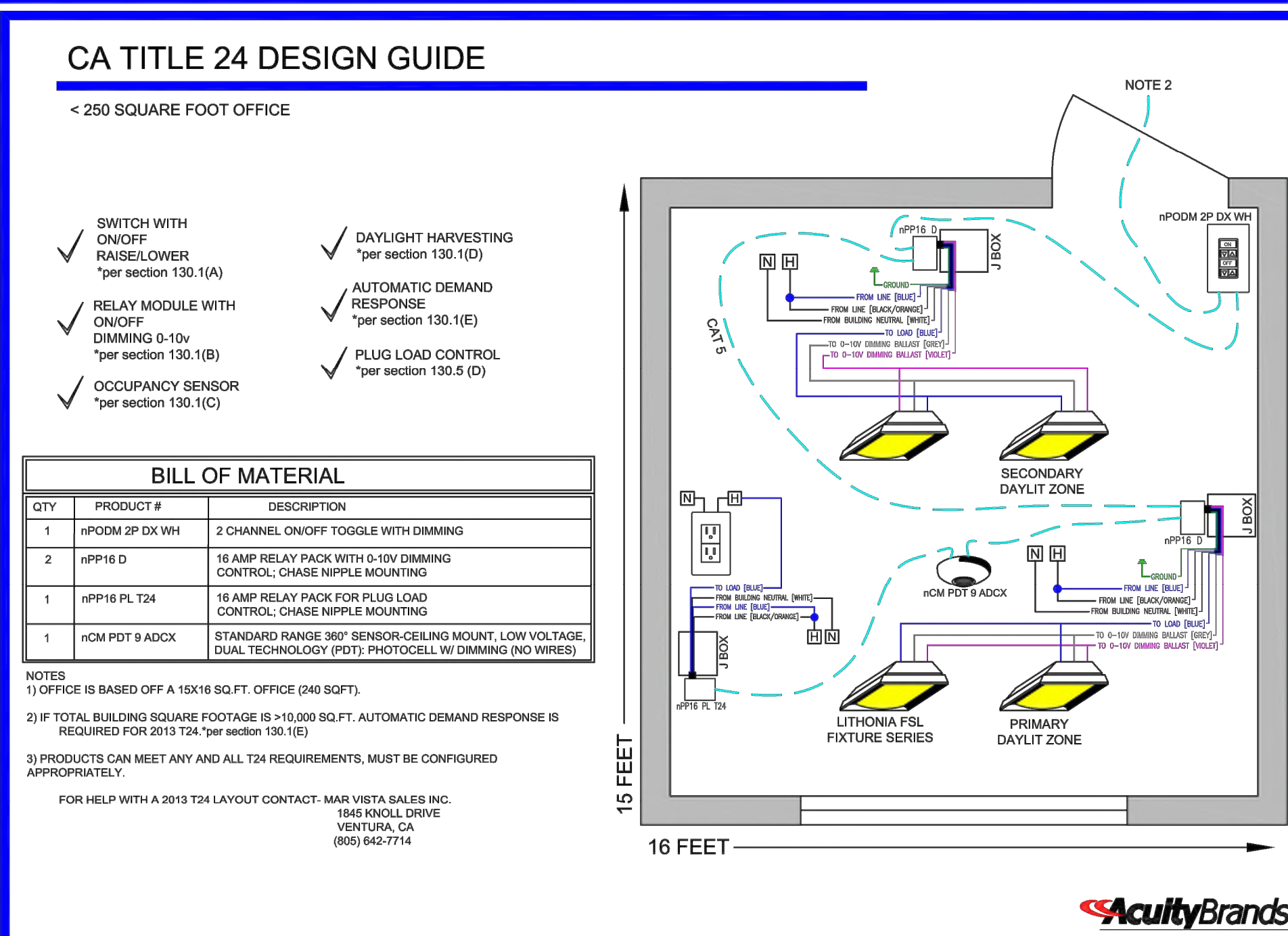
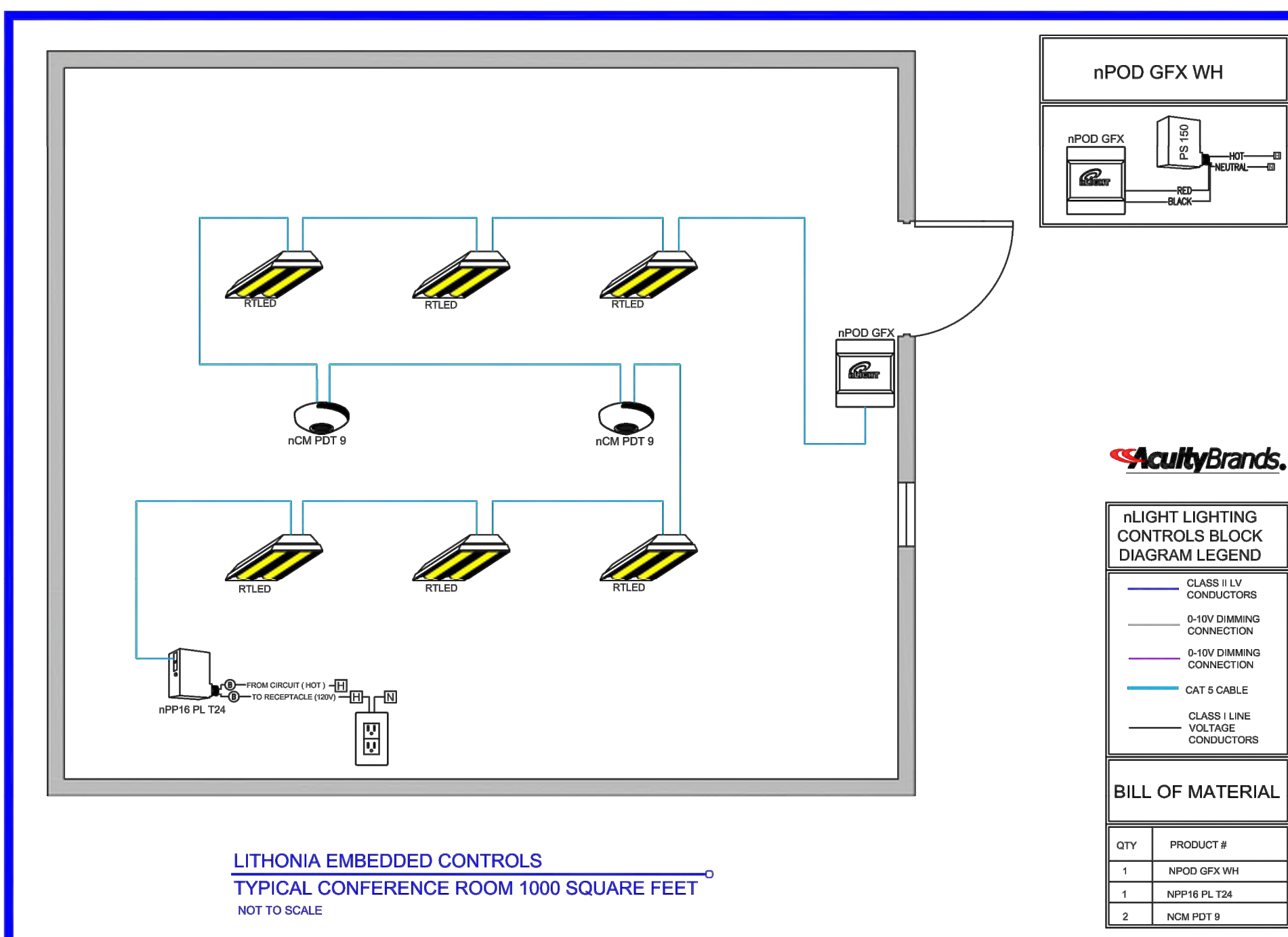
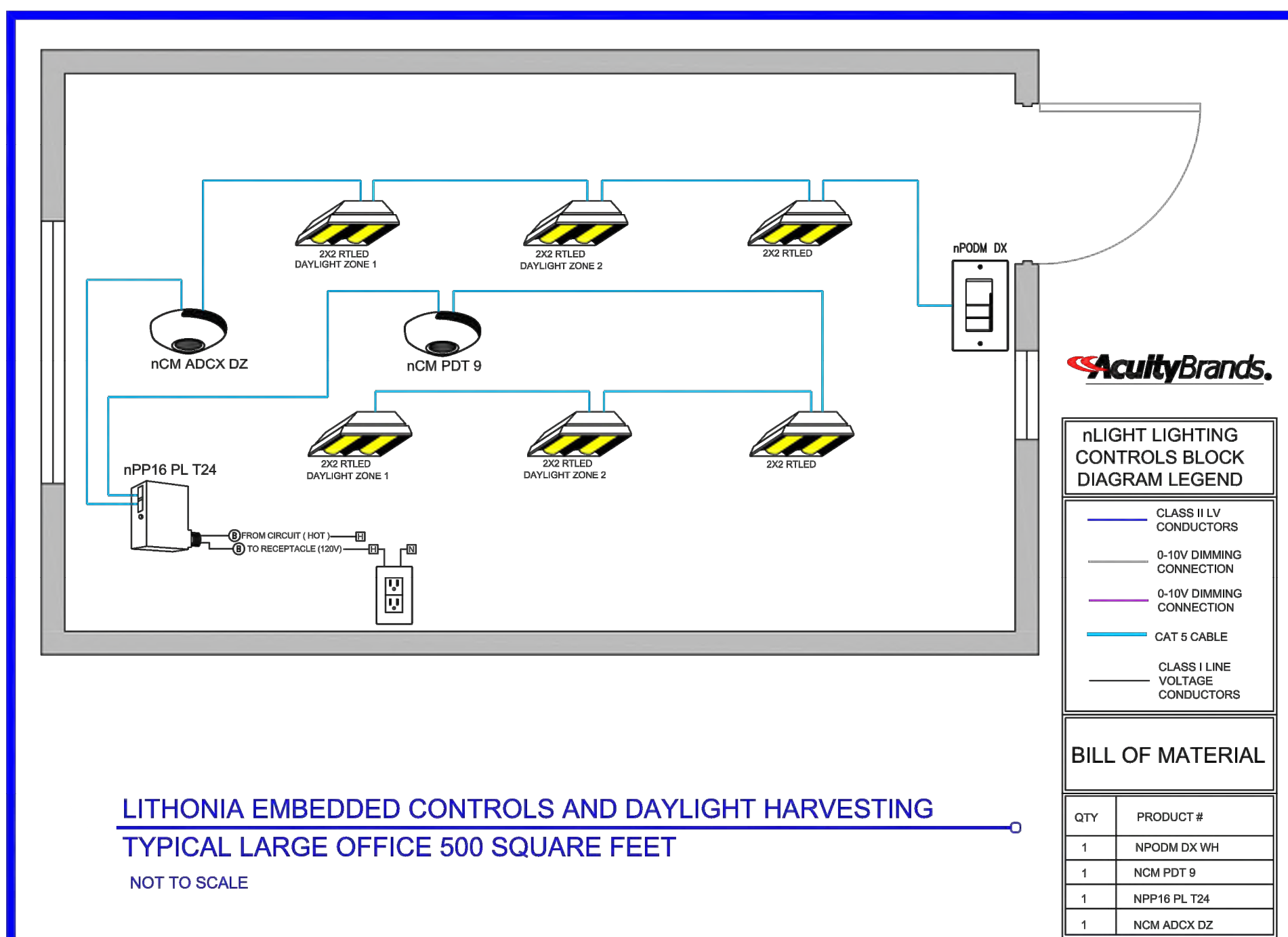
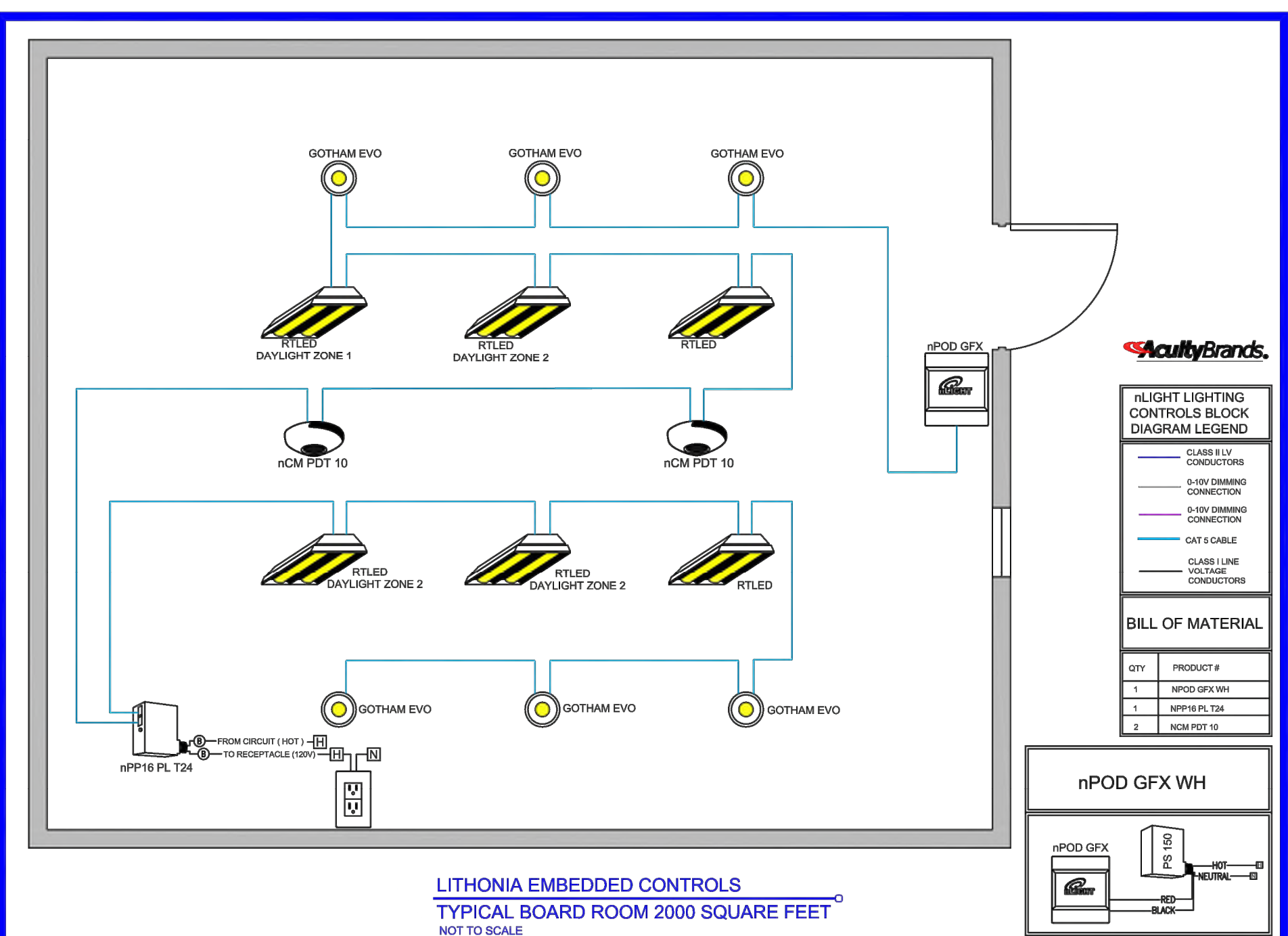
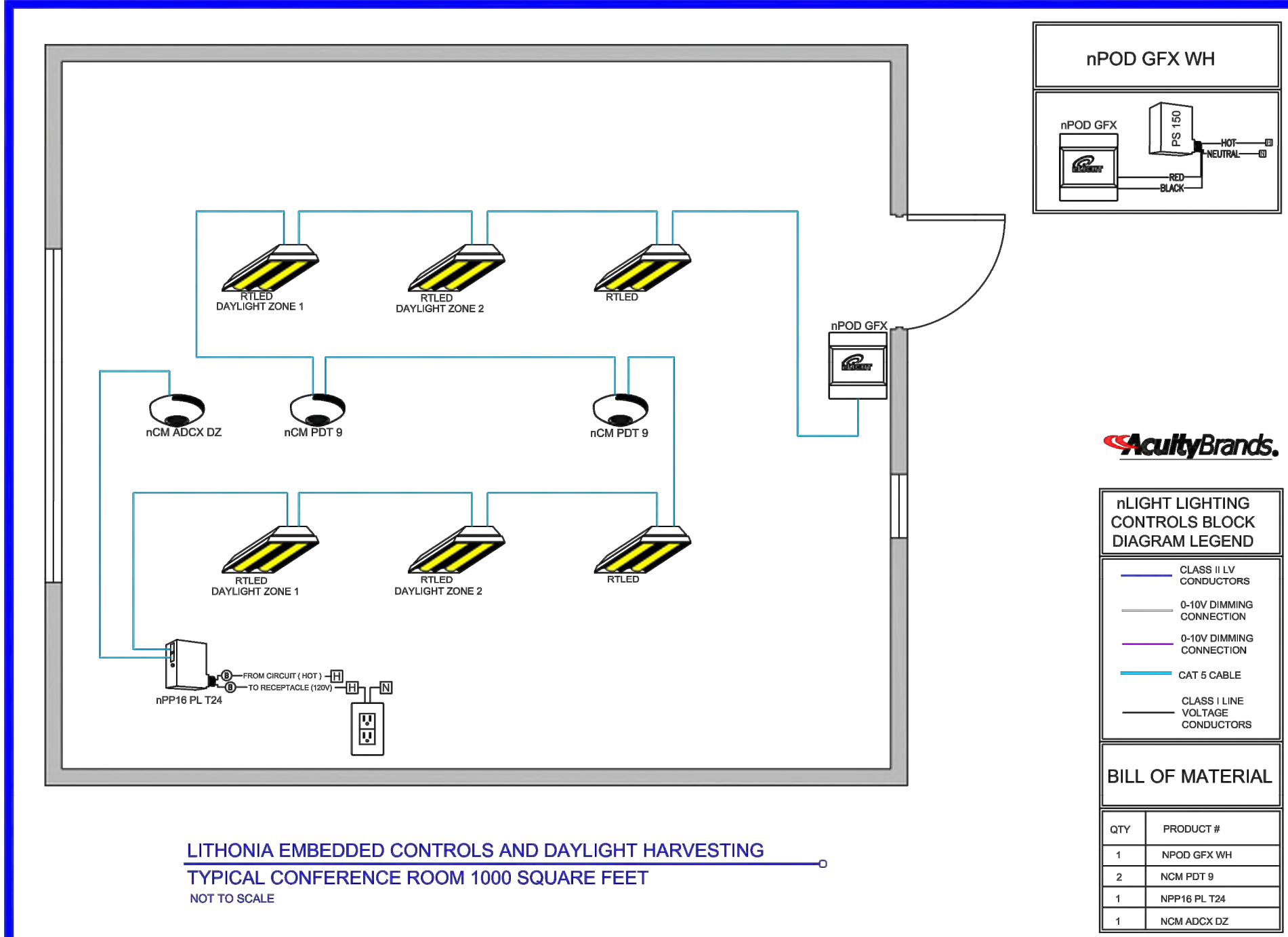
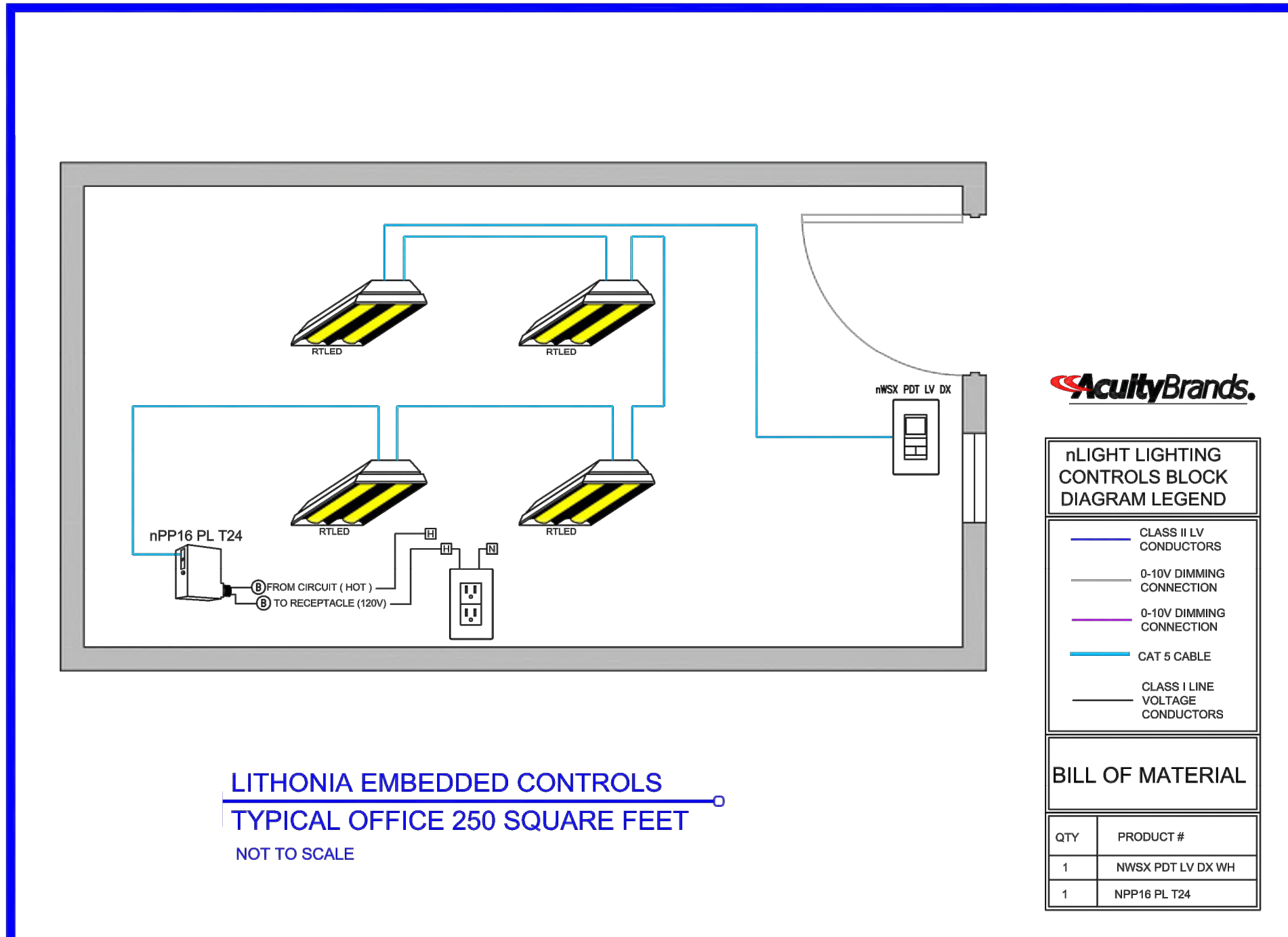
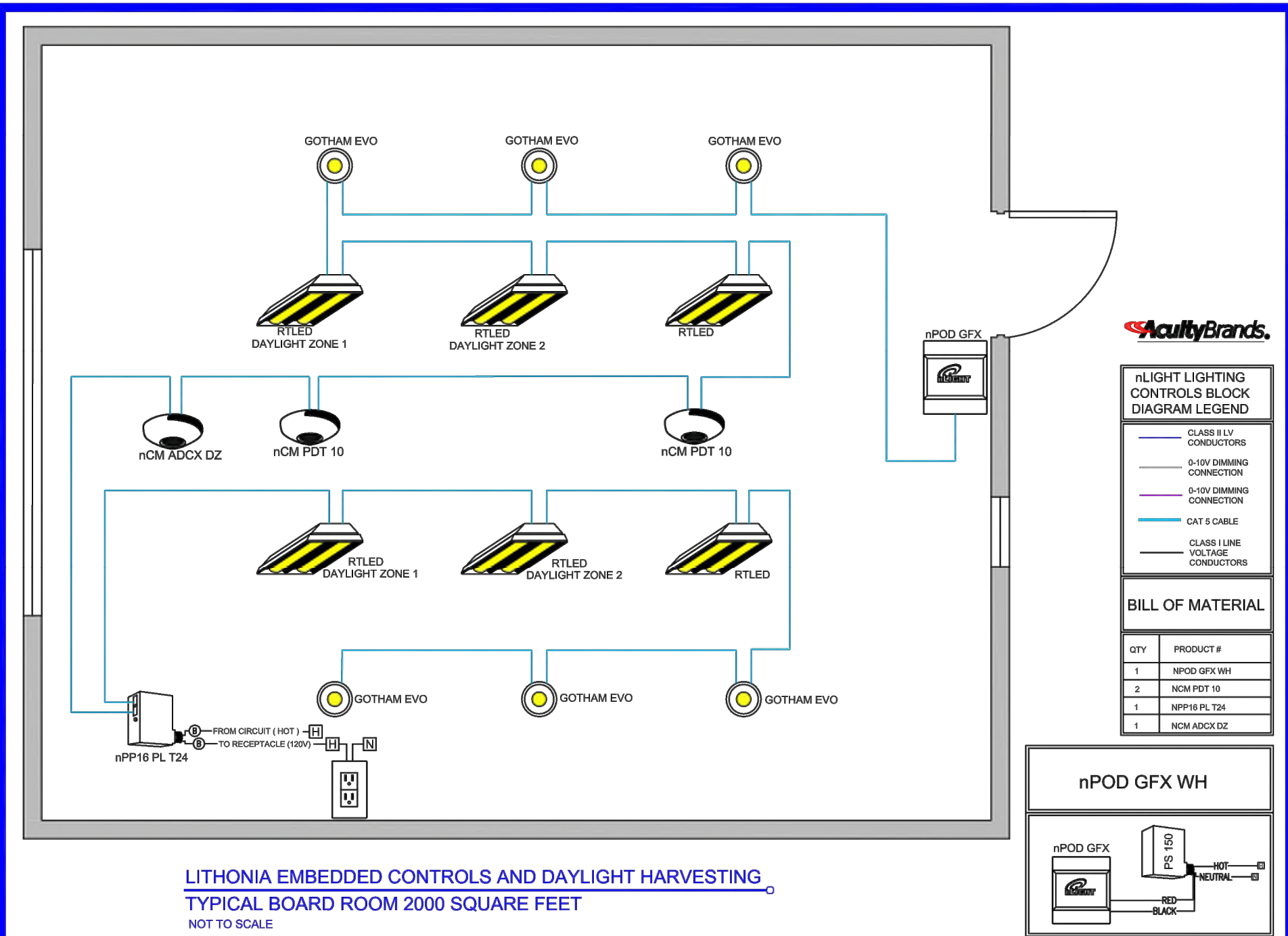
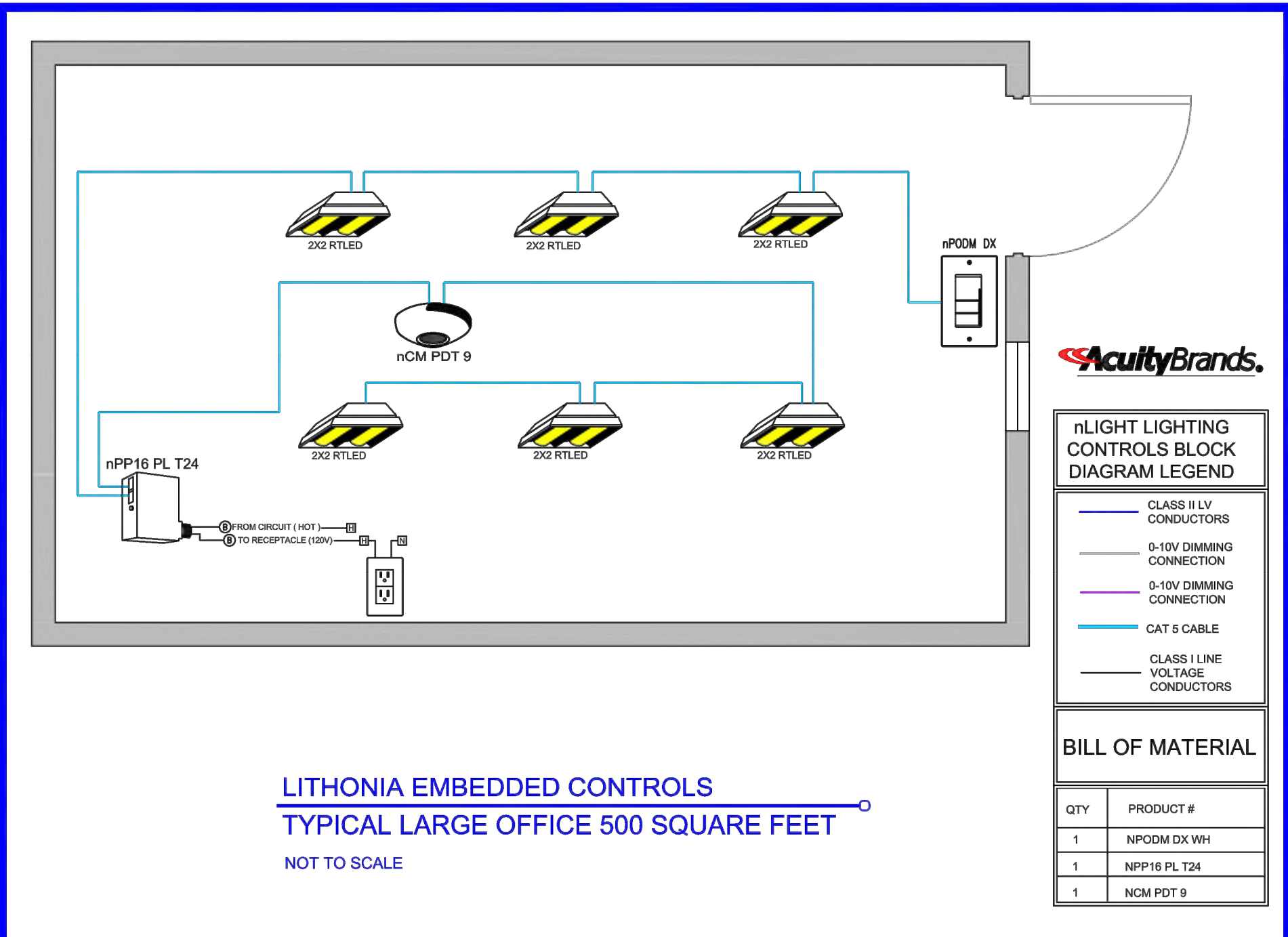
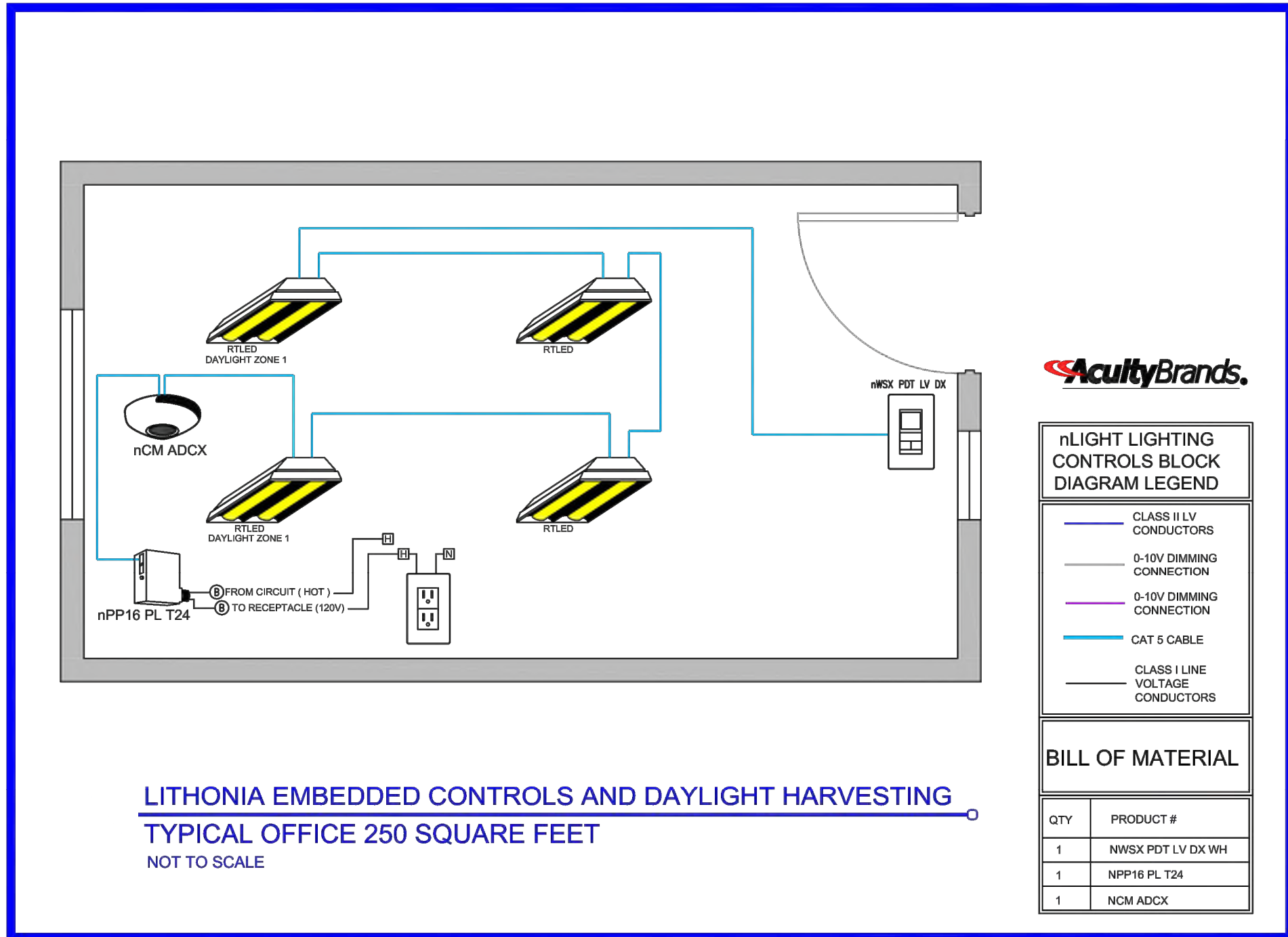
Sheet Number

E300A

5/3/2019 10:07:02 AM
L.A.I.# 18602 PAPER SIZE 36"x24"

Plotter: Lee Keener G:\18602\EL\Sheets\18602E300A.dwg DATE: FEB 01 2019 TIME: 10:28 AM

TIME: 1:11 PM
DATE: 16 June 2019
PATHNAME: G:\18602\EL\Sheets
DRAWING FILENAME: 18602E300B
DRAFTER: Lee Keener
PLOT DATE: 6/16/2019 1:11:18 PM
SAVE DATE: 5/7/2019 12:25:22 PM
PLOT BY: Lee Keener
DRAWING: C:\18602\EL\Sheets\18602E300B.dwg
PAPER: Size: 36"
All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roessler Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS

ROESSLING NAKAMURA TERADA ARCHITECTS

Roessler Nakamura Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
8800 COSTA MESA BLVD. #201
CARMELITA, CA 95018-8091
(805) 939-6500 FAX (805) 939-6519
Web Site: <http://www.luccielect.com>

REGISTERED PROFESSIONAL ELECTRICAL ENGINEER
Exp. 09/30/2020
STATE OF CALIFORNIA

Ojai Unified School District

OJAI UNIFIED SCHOOL DISTRICT

DINING HALL AND KITCHEN (BLDG B) AT MATILIJIA JUNIOR HIGH SCHOOL

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

nLIGHT ROOM LAYOUTS

RNT Job No. 17759.04
Date 02/04/2019
Drawn by AG, JR
Checked by TB
Sheet Number

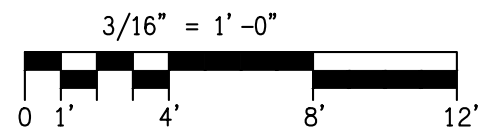
E300B

5/3/2019 10:07:02 AM
Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24"

DRAWING FILENAME:	1860E301
PATHNAME:	G:\18602\ELSheets
DATE:	16 June 2019
TIME:	1:12 pm
DRAFTER:	Lee Keener
SHEET NAME:	DRDWG - GCSB-3-BNCPD-EL-SHEETS-1860E301.dwg PROJECT TITLE: COLUMBIAN RIVER NATIONAL MARINE MONUMENT AND COAST GUARD STATION REPAIR PROJECT SHEET NUMBER: SHEET 7 OF 7 - WEST LIFTED TUG BOAT ALWAYNE
SAVE DATE:	5/11/2019 2:00:11 PM
PLOT BY:	Lee Keener
PLOT DATE:	6/16/2019 1:12:04 PM

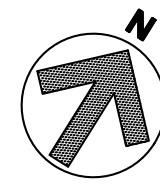
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Rosling Nakamura Tarada Architects, Inc. and were created, developed and designed for use on and in connection with the project.

None of such drawings, announcements or plans shall be used by or disclosed as user's own; firm or corporation may request whatsoever without the written permission of Rosling Nakamura Tarada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



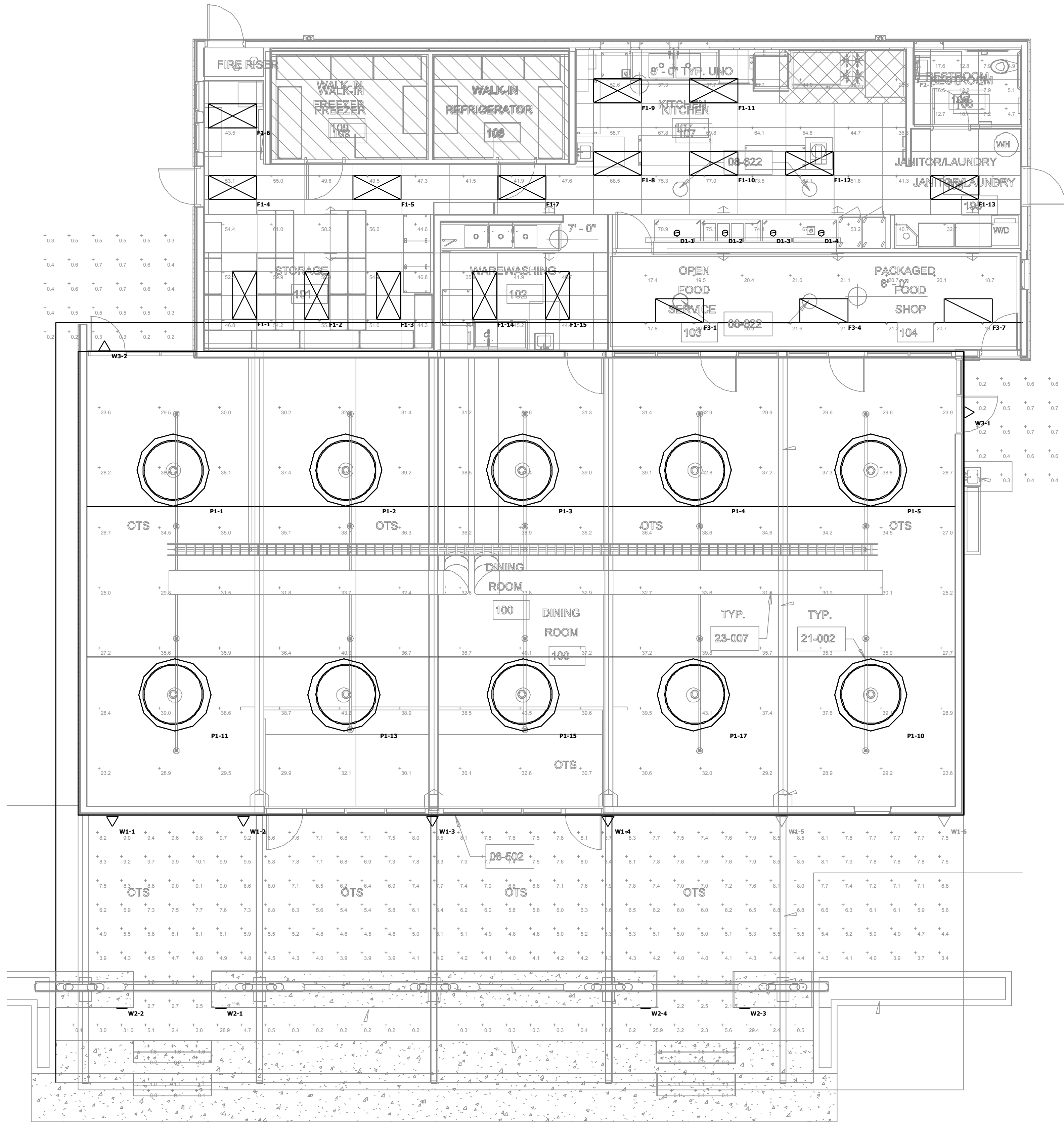
SCALE: $3/16"=1'-0"$

1
- E301



Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24"

DATE: 16 June 2019
TIME: 1:12 pm
PLOT DATE: 6/16/2019 1:12:16 PM
PLOT BY: Lee Keener
SAVE DATE: 5/11/2019 2:00:17 PM
PATHNAME: G:\18602\EL\Sheets
DRAWING FILENAME: 18602E302
DRAFTER: Lee Keener
DRAWING: G:\18602\EL\Sheets\18602E302.dwg
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessler Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



FIRST FLOOR PHOTOMETRIC PLAN
SCALE: 3/16"=1'-0"



Schedule									
Symbol	Label	QTY	Manufacturer	Catalog Number	Description	Lamp	Number Lamps	Lumens per Lamp	LLF Wattage
	D1	4	Kenall Manufacturing	EPDL6-R-DCFV -22L-35K8-M-FW-T-RIG6-DV-DIM1	EPDL6-R Series Trim with RIG6 Series Rough-In; XXX = Trim Finish	LED	6	332	0.95 24
	F1	15	Lithonia Lighting	2WRTL G L48 7000LM OAW AFL MVOLT E21 35K 80CRI FPA WH	2WRTL L48 7000LM AFL 35K 80CRI	LED	1	6958	0.95 58.52
	F2	1	Kenall	MLHA5-24-MW-25L35K-DCC-DV	MLHA5-24 Series	LED	72	33	0.95 25
	F3	3	Kenall	AMB24-ST-45L35K-DCC-DV-FA	AMB24-F-45L35K-DCC-1-DV-FA	LED	288	19	0.95 50.026
	P1	10	G-LIGHTING	GL-2722-3-WH-1-A	444 LED 72"DIA ORBIS ACRYLIC INTERIOR PENDANT LUMINAIRE WHITE REFLECTOR w/INNER FROSTED ACRYLIC LENS 2 AC ELECTRONICS #AC140CD2.8AQE4 @ 2000mA EACH	LED	1	16467	0.95 220
	W1	6	SPI Lighting	EEW12086-INDIRECT-L63W-120-277-4000K-XX-DF_IND-XX	LED WEDGE	LED	126	46	0.95 63
	W2	4	BEGA	33055	LED STEP LIGHT	LED 8,4W	1	480	0.95 11
	W3	2	TECH LIGHTING	700WSPIT S XX LED830	LED WEDGE	LED	1	194	0.95 12.7

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
COVERED BUILDING ENTRANCE	+	6.3 fc	31.0 fc	0.2 fc	155.0:1	31.5:1
DINING ROOM	+	33.9 fc	43.5 fc	23.2 fc	1.9:1	1.5:1
DINING ROOM EXIT #1	+	0.5 fc	0.7 fc	0.1 fc	7.0:1	5.0:1
DINING ROOM EXIT #2	+	0.5 fc	0.7 fc	0.2 fc	3.5:1	2.5:1
KITCHEN 107	+	51.9 fc	77.0 fc	25.6 fc	3.0:1	2.0:1
KITCHEN RESTROOM	+	10.0 fc	17.6 fc	4.7 fc	3.7:1	2.1:1
OPEN FOOD/PREP	+	20.1 fc	21.7 fc	17.4 fc	1.2:1	1.2:1
STEP #1	+	1.6 fc	1.6 fc	1.5 fc	1.1:1	1.1:1
STEP #1	+	0.2 fc	0.2 fc	0.2 fc	1.0:1	1.0:1
STEP #2	+	0.1 fc	0.1 fc	0.0 fc	N/A	N/A
STEP #2	+	1.1 fc	1.1 fc	1.0 fc	1.1:1	1.1:1
STEP #3	+	1.5 fc	1.5 fc	1.5 fc	1.0:1	1.0:1
STEP #3	+	0.2 fc	0.2 fc	0.2 fc	1.0:1	1.0:1
STEP #4	+	1.1 fc	1.1 fc	1.1 fc	1.0:1	1.0:1
STEP #4	+	0.1 fc	0.1 fc	0.1 fc	1.0:1	1.0:1

Luminaire Locations							
		Location					
No.	Label	X	Y	Z	MH	Tilt	Orientation
1	D1	244.93	109.90	14.00	14.00	0.00	24.81
2	D1	248.93	109.90	14.00	14.00	0.00	24.81
3	D1	252.93	109.90	14.00	14.00	0.00	24.81
4	D1	256.93	109.90	14.00	14.00	0.00	24.81
1	F1	209.02	104.72	14.00	14.00	0.00	0.00
2	F1	214.98	104.68	14.00	14.00	0.00	0.00
3	F1	220.94	104.68	14.00	14.00	0.00	0.00
4	F1	207.99	113.67	14.00	14.00	0.00	90.00
5	F1	219.98	113.67	14.00	14.00	0.00	90.00
6	F1	207.99	119.62	14.00	14.00	0.00	90.00
7	F1	232.03	113.67	14.00	14.00	0.00	90.00
8	F1	239.98	115.69	14.00	14.00	0.00	90.00
9	F1	239.98	121.71	14.00	14.00	0.00	90.00
1	F2	264.91	123.63	6.50	6.50	0.00	270.00
1	F3	245.14	103.43	14.00	14.00	0.00	90.00
4	F3	257.14	103.43	14.00	14.00	0.00	90.00
7	F3	269.14	103.43	14.00	14.00	0.00	90.00
10	F1	248.00	115.69	14.00	14.00	0.00	90.00
11	F1	248.00	121.71	14.00	14.00	0.00	90.00
12	F1	255.96	115.69	14.00	14.00	0.00	90.00
13	F1	267.99	113.68	14.00	14.00	0.00	90.00
14	F1	228.97	104.68	14.00	14.00	0.00	0.00
15	F1	235.01	104.68	14.00	14.00	0.00	0.00
1	P1	203.08	90.16	10.00	10.00	0.00	0.00
2	P1	217.41	90.16	10.00	10.00	0.00	0.00
3	P1	232.08	90.16	10.00	10.00	0.00	0.00
4	P1	246.44	90.16	10.00	10.00	0.00	0.00
5	P1	261.07	90.16	10.00	10.00	0.00	0.00
10	P1	261.04	71.47	10.00	10.00	0.00	0.00
11	P1	203.18	71.47	10.00	10.00	0.00	0.00
13	P1	217.23	71.47	10.00	10.00	0.00	0.00
15	P1	232.14	71.47	10.00	10.00	0.00	0.00
17	P1	246.31	71.47	10.00	10.00	0.00	0.00
1	W1	198.02	61.10	9.56	9.56	0.00	180.00
2	W1	208.88	61.10	9.56	9.56	0.00	180.00
3	W1	224.62	61.10	9.56	9.56	0.00	180.00
4	W1	239.22	61.10	9.56	9.56	0.00	180.00
5	W1	253.67	61.10	9.56	9.56	0.00	180.00
6	W1	267.16	61.10	9.56	9.56	0.00	180.00
1	W2	207.05	45.42	0.30	0.30	0.00	180.00
2	W2	198.81	45.42	0.30	0.30	0.00	180.00
3	W2	250.56	45.42	0.30	0.30	0.00	180.00
4	W2	242.32	45.42	0.30	0.30	0.00	180.00
1	W3	269.07	94.99	9.56	9.56	0.00	90.00
2	W3	197.36	100.36	9.56	9.56	0.00	0.00

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS FLS SS



Roessler Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
888 SOUTH BALDWIN AVE
CANAVERAL, CA 93015-8091
(805) 399-6500 FAX (805) 399-6519
Web Site: <http://www.luccielect.com>
LUCCI & ASSOCIATES, INC. is a member of the Lucci Group, a group of companies providing a wide range of engineering and construction services. Lucci & Associates, Inc. is a member of the Lucci Group, a group of companies providing a wide range of engineering and construction services. Lucci & Associates, Inc. is a member of the Lucci Group, a group of companies providing a wide range of engineering and construction services.



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

FIRST FLOOR
PHOTOMETRIC
PLAN

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG, JR
Checked by	TB
Sheet Number	

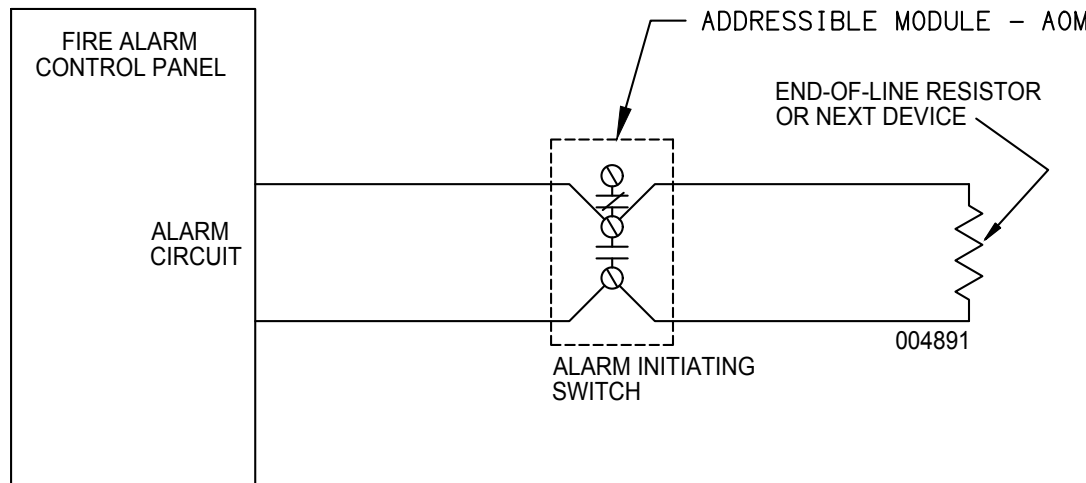
E302

TIME: 1:13 pm
DATE: 16 June 2019
PLOT BY: Lee Keener
PLOT DATE: 6/16/2019 1:13:45 PM
PATHNAME: G:\18602\EL\Sheets
SAVE DATE: 5/11/2019 2:37:02 PM
DRAWING FILENAME: 18602E420
DRAFTER: Lee Keener
RNT Job No. 17759.04
Date 02/04/2019
Drawn by AG, JR
Checked by TB
Sheet Number
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roessler Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project. None of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessler Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

SEQUENCE OF OPERATION

UPON EITHER AUTOMATIC (FUSIBLE LINK) OR MANUAL (PULL STATION) ACTIVATION, FIRE EXTINGUISHING SYSTEM SHALL DO THE FOLLOWING:

1. RELEASE AGENT TO PROTECTION NOZZLES.
2. INITIATE FIRE ALARM.
3. SHUT NATURAL GAS MANUAL SHUTOFF VALVE.
4. SHUT OFF ELECTRICAL POWER TO ELECTRICAL UNITS UNDER HOOD.
5. NOTE: NO CONNECTIONS TO HOOD EXHAUST OR MAKEUP AIR FANS ARE REQUIRED.

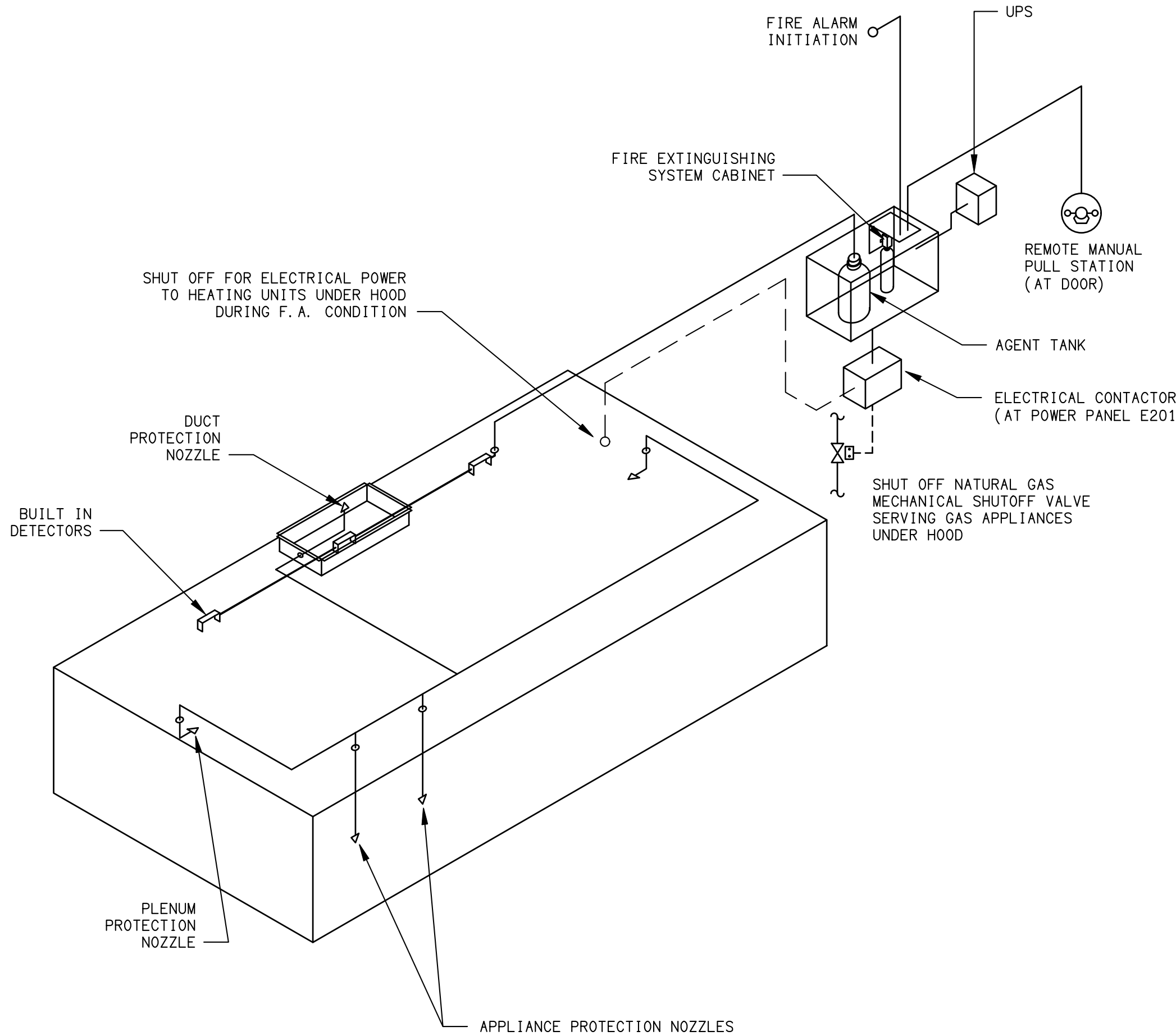


FIRE ALARM INITIATION SWITCH SCHEMATIC

SCALE: NONE

3

E420



TYPICAL ANSUL R-102 SYSTEM LAYOUT SCHEMATIC

SCALE: NONE

2

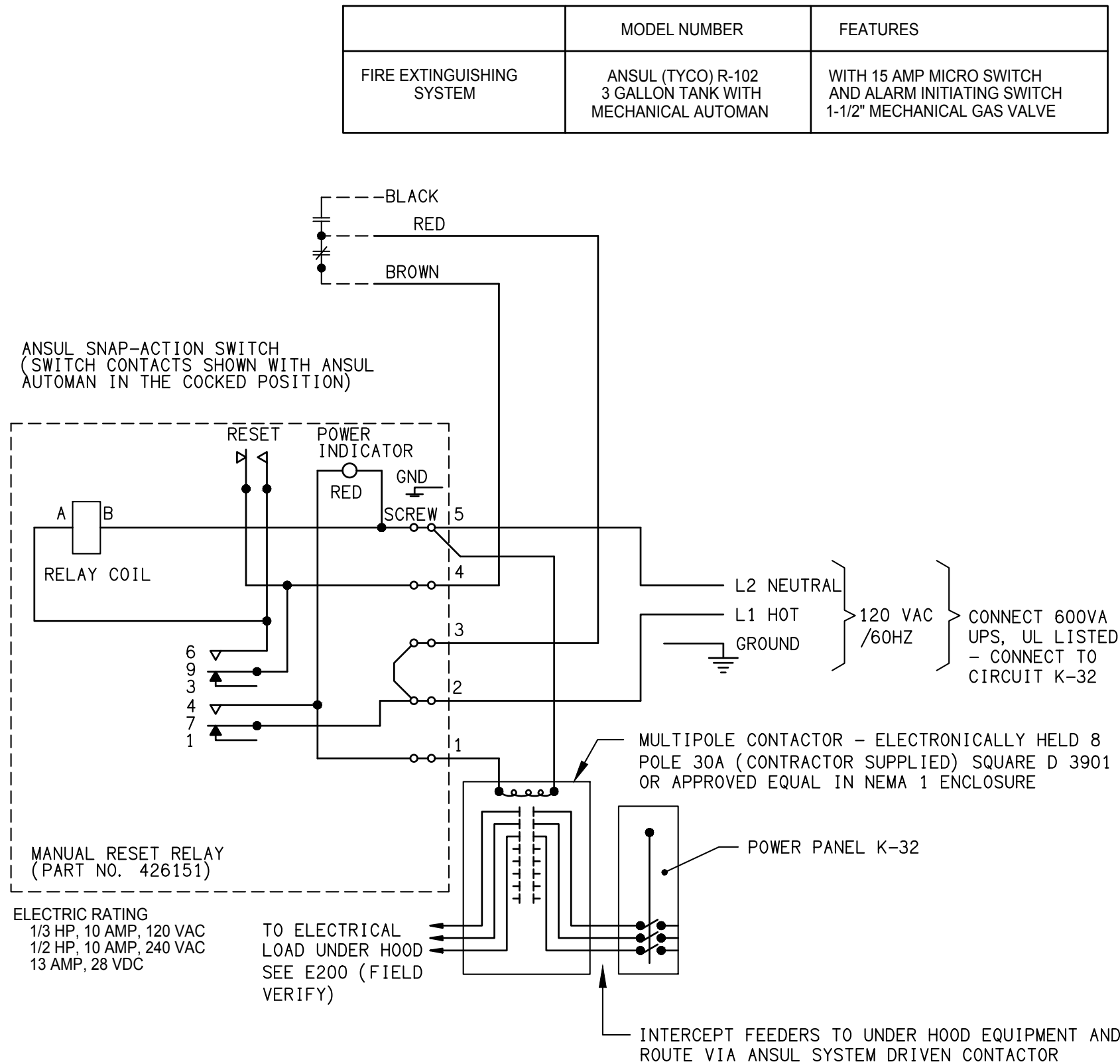
E420

ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT

TAG #	DESCRIPTION	H.P.	FLA	MAX OCP	VOLTAGE	PHASE	NEMA STARTER SIZE	DISCONNECT	RECOMMENDED FUSE SIZE/TYPE *	REMARKS	PANEL/CIRCUIT NO.	FEEDER
AC 1	PACKAGED ROOFTOP UNIT	5.0	.	90	208	3	-	100A/3P	90A		K-38-40-42	1-1/4" C-3#2 & 1#8 GND
AC 2	PACKAGED ROOFTOP UNIT	1.5	.	50	208	3	-	60A/3P	50A		K-43-45-47	3/4" C-3#6 & 1#10 GND
MAU 1	MAKE-UP AIR UNIT - KITCHEN	1.0	.	.	208	3	1	15A/3P	6A	INTERLOCK OPERATION WITH EF1	K-44-46-48	3/4" C-3#12 & 1#12 GND
EF 1	EXHAUST FAN - HOOD	3.0	.	.	208	3	1	20A/3P	15A	INTERLOCK WITH MAU	K-50-52-54	3/4" C-3#12 & 1#12 GND
EF 2A	EXHAUST FAN	16.8 WATTS	.	.	120	1	-	MOTOR RATED		CONTROL VIA INTEGRAL OCCUPANCY SENSOR WITH 10 MIN TIME DELAY	CONNECT TO LIGHTING CIRCUIT	3/4" C-2#12 & 1#12 GND
EF 2B	EXHAUST FAN	16.8 WATTS	.	.	120	1	-			CONTROL VIA INTEGRAL OCCUPANCY SENSOR WITH 10 MIN TIME DELAY	CONNECT TO LIGHTING CIRCUIT	3/4" C-2#12 & 1#12 GND
CP 1	CIRCULATION PUMP	4.2 AMPS	.	.	120	1	-				K-36	3/4" C-2#12 & 1#12 GND
C 1	AIR CURTAIN	1/6	.	.	120	1	-			PROVIDE DOOR LIMIT SWITCHES, AND WALL AND OVERHEAD BRACKET	K-62	3/4" C-2#12 & 1#12 GND
WH 1	WATER HEATER	1.0	.	.	120	1	-				K1-17	3/4" C-2#12 & 1#12 GND
FC 1	FREEZER COMPRESSOR	19.6	30		208	3		30A/3P	40A	CONNECT EVAPORATOR TO K1-19	K1-27-29-31	3/4" C-3#10 & 1#10 GND
CC 1	COOLER COMPRESSOR	9.5	15		208	3		30A/3P	25A	CONNECT EVAPORATOR TO K1-21	K1-33-35-37	3/4" C-3#12 & 1#12 GND

* ALL FUSES BY BUSSMANN AND SHALL BE SIZED PER MANUFACTURERS RECOMMENDATION.

SCHEDULE



- NOTE:
1. _____ DENOTES FIELD INSTALLATION, BY CONTRACTOR.
 2. - - - - - DENOTES FACTORY INSTALLATION, FROM ANSUL.
 3. GAS VALVE: ANSUL 1-1/2" MECHANICALLY OPERATED GAS VALVE, WITH AIR CYLINDER, TUBING, AND FITTINGS FOR CONNECTION TO THE RELEASE MECHANISM.
 4. DO NOT USE BLACK WIRE ON SNAP-ACTION SWITCH IN NORMAL INSTALLATION. BLACK WIRE TO BE USED ONLY FOR EXTRANEOUS ALARM, LIGHT CIRCUITS, ETC.

FIRE EXTINGUISHING SYSTEM RELAY / RESET WIRING SCHEMATIC

SCALE: NONE

1

E420

SHEET NOTES:

1. FIELD VERIFY MECHANICAL EQUIPMENT LOCATIONS.
2. SEE ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT FOR ELECTRICAL REQUIREMENTS.
3. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES.
4. THE LOCATION OF ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS.
5. PROVIDE ROOF JACKS AND PROPERLY SEAL ALL ROOF PENETRATIONS TO A LEAK FREE CONDITION.
6. THE FINAL CONNECTIONS TO EQUIPMENT SHALL BE LIQUIDTIGHT FLEXIBLE METAL CONDUIT. INSTALL WITH ENOUGH SLACK TO PRECLUDE VIBRATION TRANSMISSION. SUPPORT SHALL BE PER N.E.C. ARTICLE 351-8
7. PROVIDE WEATHERPROOF AND EXTERIOR RATED DEVICES IN ALL EXTERIOR AREAS.
8. PROVIDE ALL DEVICES AS REQUIRED ON MECHANICAL CONTRACTOR SHOP DRAWINGS AND APPROVED SUBMITTALS.
9. NO CONDUIT/FEEDER SHALL BE PERMITTED ON THE ROOF WITH CRIPPLES, ALL FEEDERS SHALL BE RUN BENEATH THE ROOF.
10. ALL DISCONNECTS SHALL BE MOUNTED ON UNISTRUT ON AH UNIT.
11. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID, ROUGH-IN & INSTALLATION.
12. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWING. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
13. EACH DISCONNECT OR STARTER AND A SPARE SET OF FUSES SHALL BE CONTRACTOR PROVIDED.

KEY NOTES:

- ① FOR FEEDER AND DISCONNECT INFORMATION SEE MECHANICAL EQUIPMENT POWER SCHEDULE THIS SHEET.
- ② PROVIDE 3/4" C & CONTROLS PER MECHANICAL.
- ③ W.P. GFCI.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS _____ FLS _____ SS _____



Roessler Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3801 STATE ST., SUITE 200
SAN JOSE, CA 95132-8094
(408) 938-6500 FAX (408) 938-6501
Web Site: <http://www.lucciland.com>
LUCCI & ASSOCIATES, INC. is an Equal Opportunity Employer. Minorities and women are encouraged to apply. We are an affirmative action employer and are committed to the principles of equal opportunity and non-discrimination in employment. We are an equal opportunity employer and are committed to the principles of equal opportunity and non-discrimination in employment. We are an equal opportunity employer and are committed to the principles of equal opportunity and non-discrimination in employment.



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILILJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

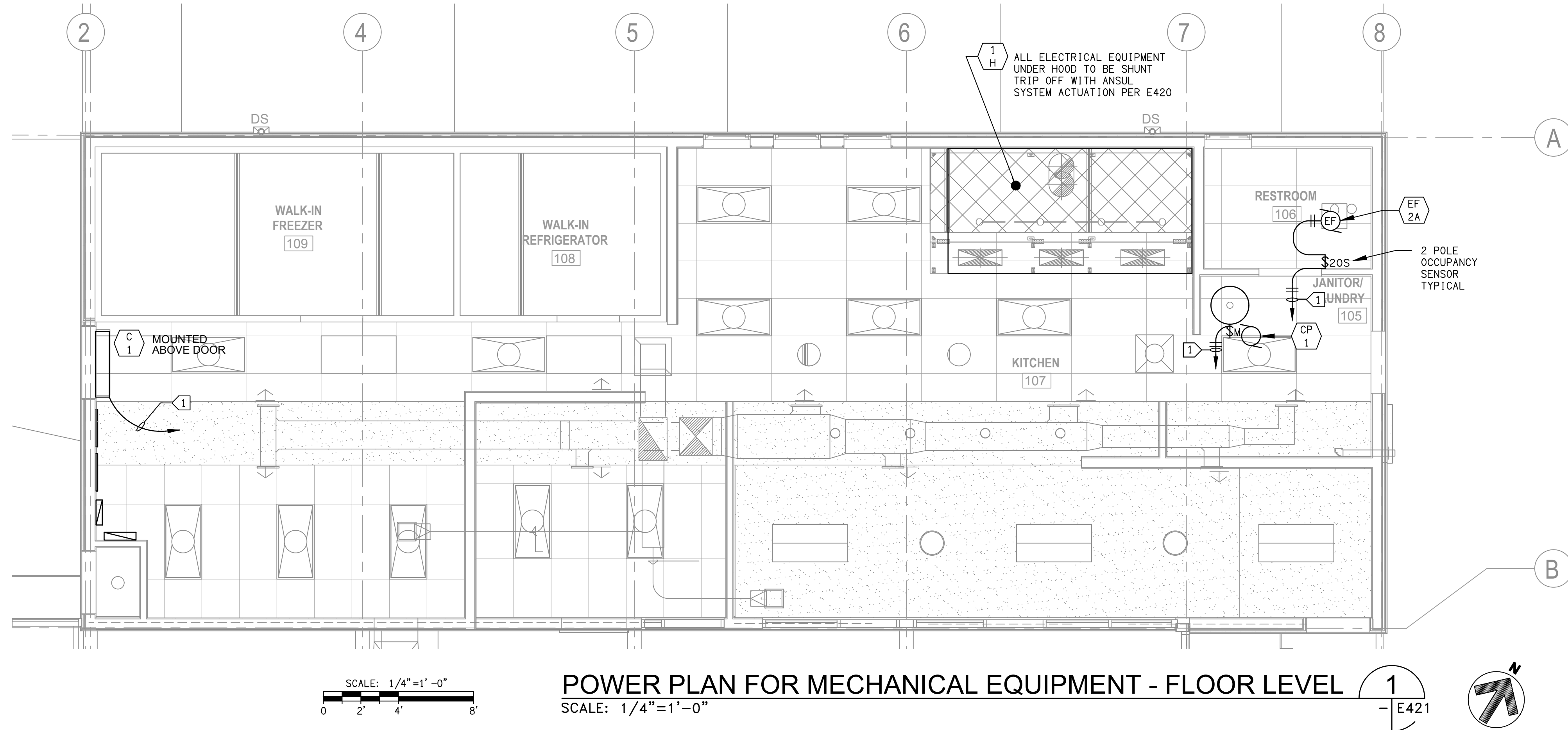
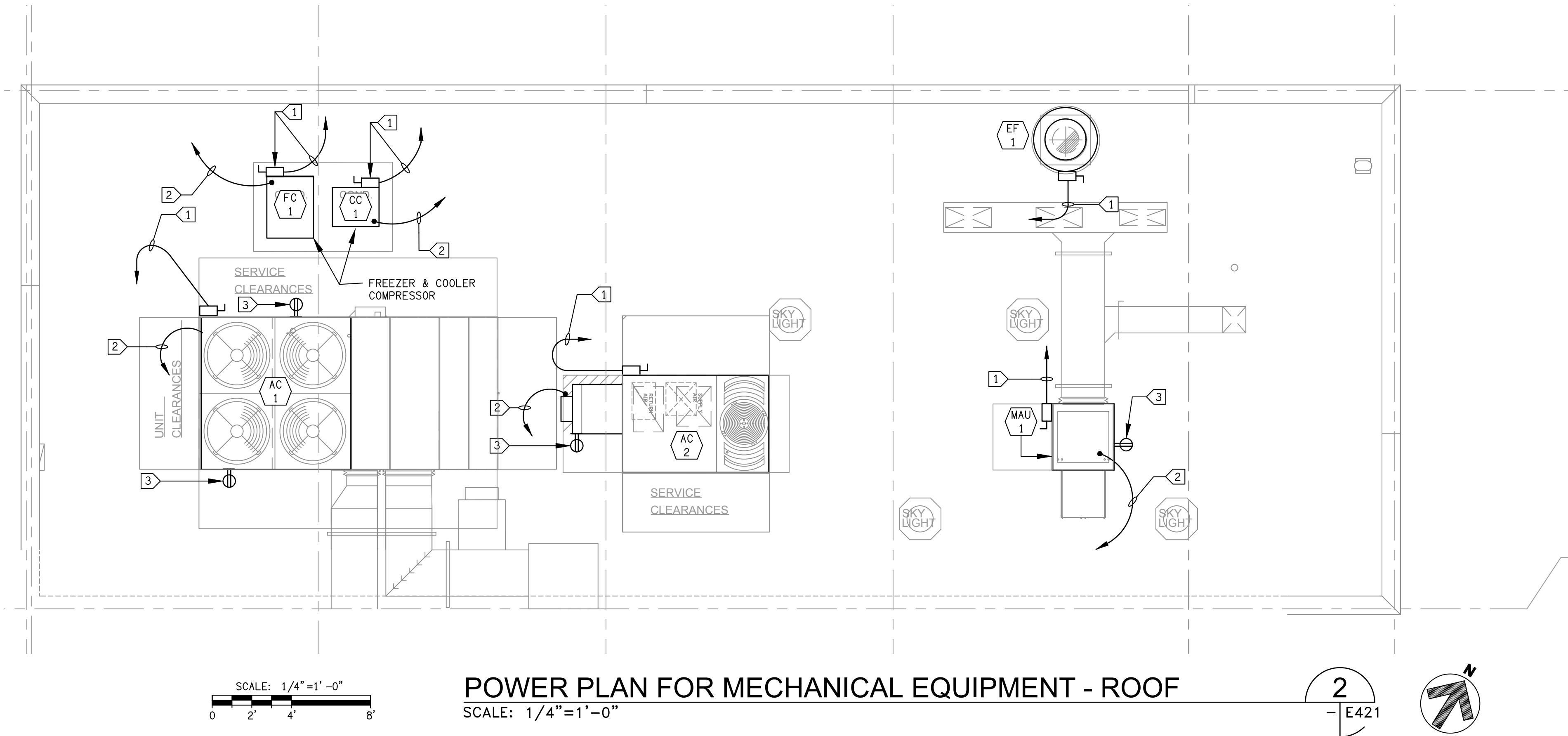
MECHANICAL EQUIPMENT POWER SCHEDULE

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG, JR
Checked by	TB
Sheet Number	

E420

5/3/2019 10:07:02 AM

DATE: 16 June 2019
TIME: 1:13 pm
PLOT DATE: 6/16/2019 1:13:55 PM
PLOT BY: Lee Keener
SAVE DATE: 5/12/2019 11:25:15 AM
PATHNAME: G:\18\602\EL\Sheets
DRAWING FILENAME: 18602E421
DRAFTER: Lee Keener
DRAWING: C:\18\602\EL\Sheets\18602E421.dwg
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



SHEET NOTES:

1. FIELD VERIFY MECHANICAL EQUIPMENT LOCATIONS.
2. SEE ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT FOR ELECTRICAL REQUIREMENTS.
3. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES.
4. THE LOCATION OF ALL ROOF PENETRATIONS SHALL BE COORDINATED WITH THE ARCHITECTURAL, MECHANICAL, AND STRUCTURAL DRAWINGS.
5. PROVIDE ROOF JACKS AND PROPERLY SEAL ALL ROOF PENETRATIONS TO A LEAK FREE CONDITION.
6. THE FINAL CONNECTIONS TO EQUIPMENT SHALL BE LIQUIDTIGHT FLEXIBLE METAL CONDUIT. INSTALL WITH ENOUGH SLACK TO PRECLUDE VIBRATION TRANSMISSION. SUPPORT SHALL BE PER N.E.C. ARTICLE 351-8
7. PROVIDE WEATHERPROOF AND EXTERIOR RATED DEVICES IN ALL EXTERIOR AREAS.
8. PROVIDE ALL DEVICES AS REQUIRED ON MECHANICAL CONTRACTOR SHOP DRAWINGS AND APPROVED SUBMITTALS.
9. NO CONDUIT/FEEDER SHALL BE PERMITTED ON THE ROOF WITH CRIPPLES, ALL FEEDERS SHALL BE RUN BENEATH THE ROOF.
10. ALL DISCONNECTS SHALL BE MOUNTED ON UNISTRUT ON AH UNIT.
11. CONTRACTOR SHALL VERIFY LOCATION & REQUIREMENTS OF ALL ELECTRICAL DEVICES PRIOR TO BID, ROUGH-IN & INSTALLATION.
12. CONTRACTOR SHALL, IN ROUTING ALL CIRCUITS, INCREASE CONDUCTOR & CONDUIT SIZE TO ALLOW FOR VOLTAGE DROP SHOULD THE CONTRACTOR EXCEED ROUTING INDICATED ON DRAWING. ENGINEER OF RECORD MUST BE NOTIFIED PRIOR TO ANY DEVIATIONS FROM APPROVED PLAN CHECK (PERMIT SET) DRAWINGS.
13. EACH DISCONNECT OR STARTER AND A SPARE SET OF FUSES SHALL BE CONTRACTOR PROVIDED.

SHEET KEY NOTES:

- 1 FOR FEEDER AND DISCONNECT INFORMATION FOR FEEDER AND DISCONNECT INFORMATION SEE MECHANICAL EQUIPMENT POWER SCHEDULE SHEET E420 OR KITCHEN EQUIPMENT SCHEDULE OR REFRIGERATION EQUIPMENT BY DURACOLD.
- 2 PROVIDE 3/4" C & CONTROLS PER MECHANICAL (OR KITCHEN) PLANS & CAPTIVE AIR.
- 3 W. P. GFCI (K1-34).

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS FLS SS



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3811 CORTA MALPASO, #601
CARMELITA, CA 95018-8091
(805) 589-6500 FAX (805) 589-6519
Web Site: <http://www.lucciland.com>



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

**CONSTRUCTION
DOCUMENTS**

Revisions		
No.	Description	Date

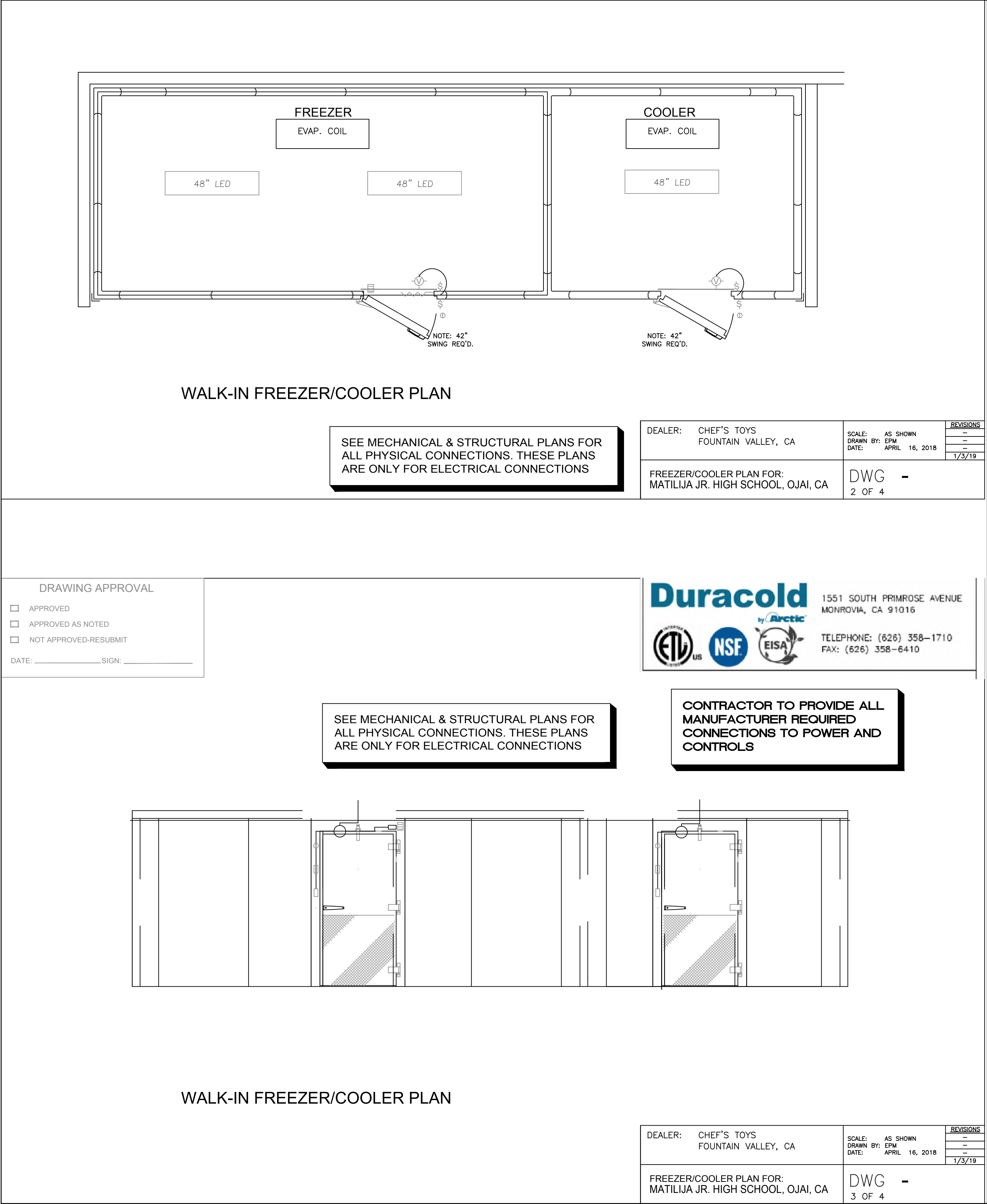
Sheet Name

**POWER PLAN
FOR
MECHANICAL
EQUIPMENT**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG, JR
Checked by	TB
Sheet Number	

E421

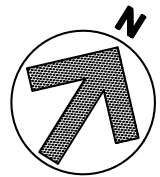
DATE: 16 June 2019 TIME: 1:14 pm PLOT DATE: 6/16/2019 1:14:17 PM
DATE: 5/11/2019 2:36:37 PM PLOT BY: Lee Keener
PATHNAME: G:\18602\EL\Sheets DRAWING FILENAME: 18602E452 DRAFTER: Lee Keener
DRAWING: C:\18602\EL\Sheets\18602E452.dwg
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



KITCHEN FREEZER COOLER ELECTRICAL DETAILS

SCALE: NTS

1
- E452



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS FLS SS



Roesling Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3801 NORTON AVENUE, SUITE 100
CARMEL, CA 95008-8094
(805) 889-6500 FAX (805) 889-6509
Web Site: <http://www.luccielect.com>
Lucci & Associates, Inc. is a professional engineering firm providing electrical engineering services to the construction industry. We are a full service engineering firm with a focus on providing high quality engineering services to our clients. We are a member of the National Electrical Contractors Association (NECA) and the International Brotherhood of Electrical Workers (IBEW). We are also a member of the California Electrical Contractors Association (CECA) and the California Electrical Workers Union (CEWU). We are a proud member of the local community and are committed to providing high quality engineering services to our clients.



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name:

**KITCHEN
FREEZER
COOLER
ELECTRICAL
DETAILS**

RNT Job No. 17759.04

Date 02/04/2019

Drawn by AG,JR

Checked by TB

Sheet Number

E452

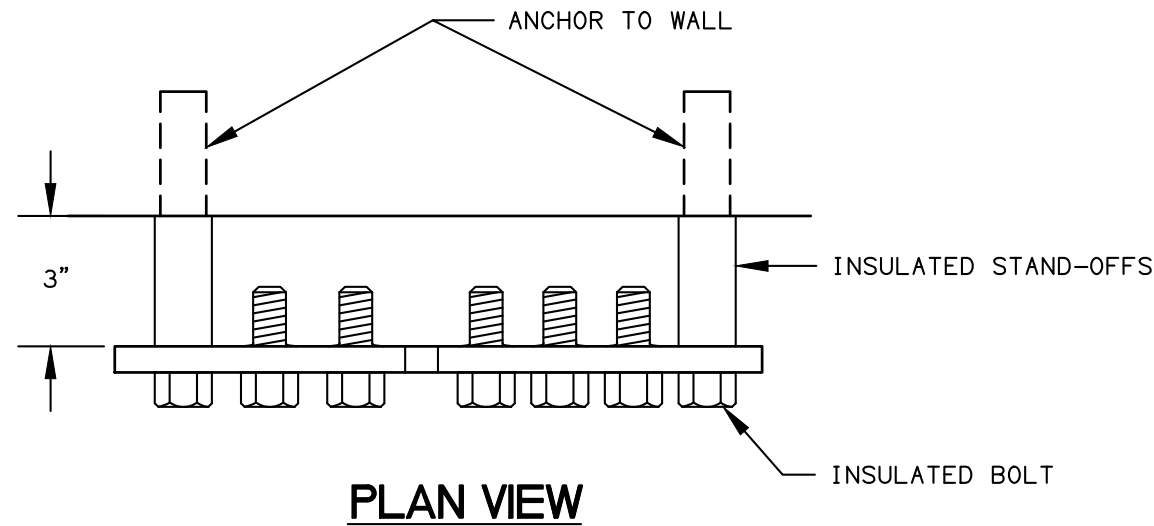
L.A.I.# 18602 PAPER SIZE 36"x24"



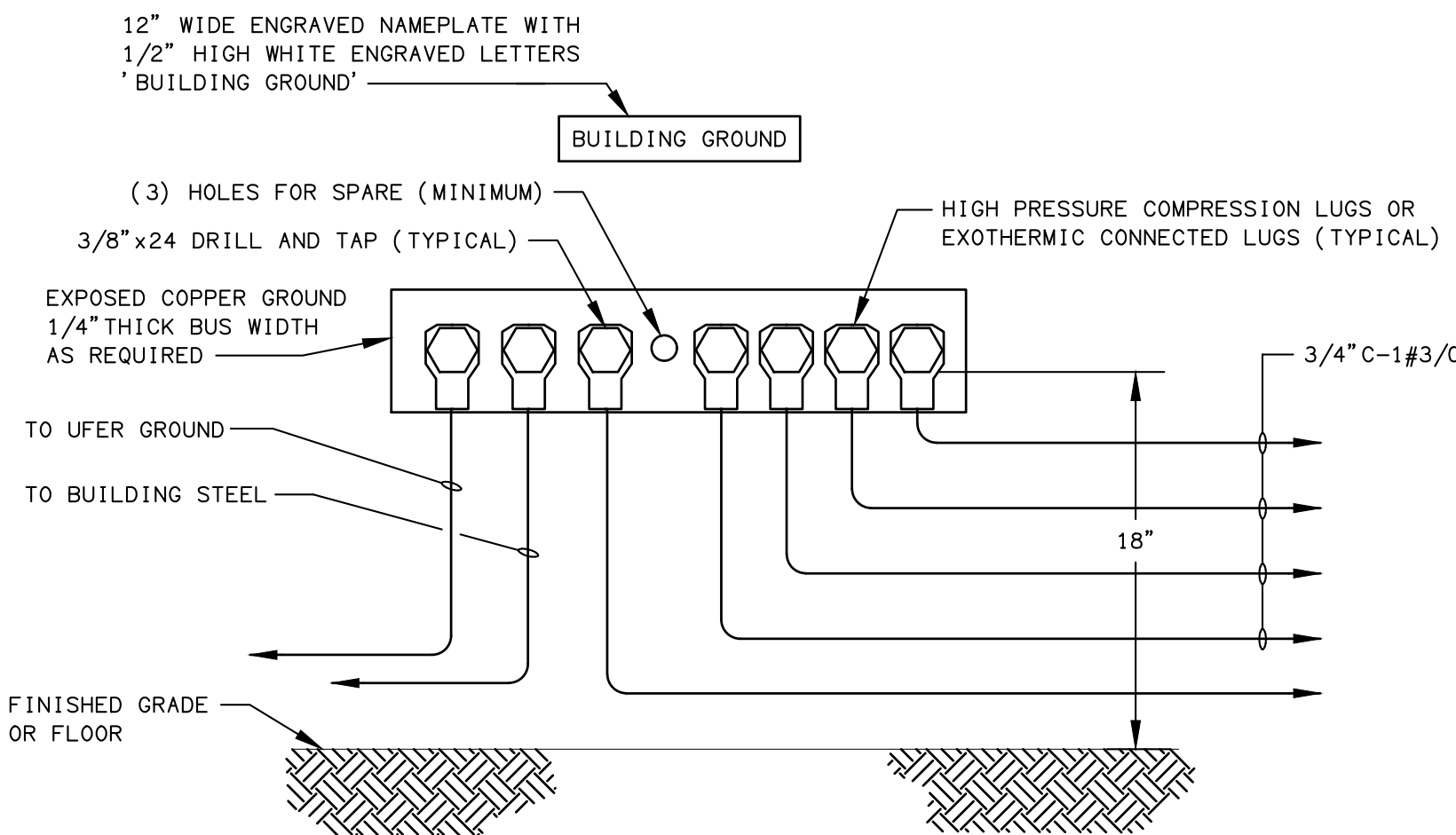
DATE: 16 June 2019 TIME: 1:15 pm PLOT DATE: 6/16/2019 1:15:01 PM
PATHNAME: G:\18602\EL\Sheets\18602E600.dwg DRAFTER: Lee Keener
DRAWING FILENAME: 18602E600 DRAFTING: G:\18602\EL\Sheets\18602E600.dwg
SAVE DATE: 5/11/2019 2:13:11 PM PLOT BY: Lee Keener
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roelsing Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roelsing Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

NOTE:

1. ALL CONDUCTORS EXPOSED ABOVE FINISHED FLOOR TERMINATING ON GROUND BUS SHALL BE PROTECTED BY SCHEDULE 80 PVC CONDUIT WITH BELL ENDS TO 6" ABOVE FLOOR.



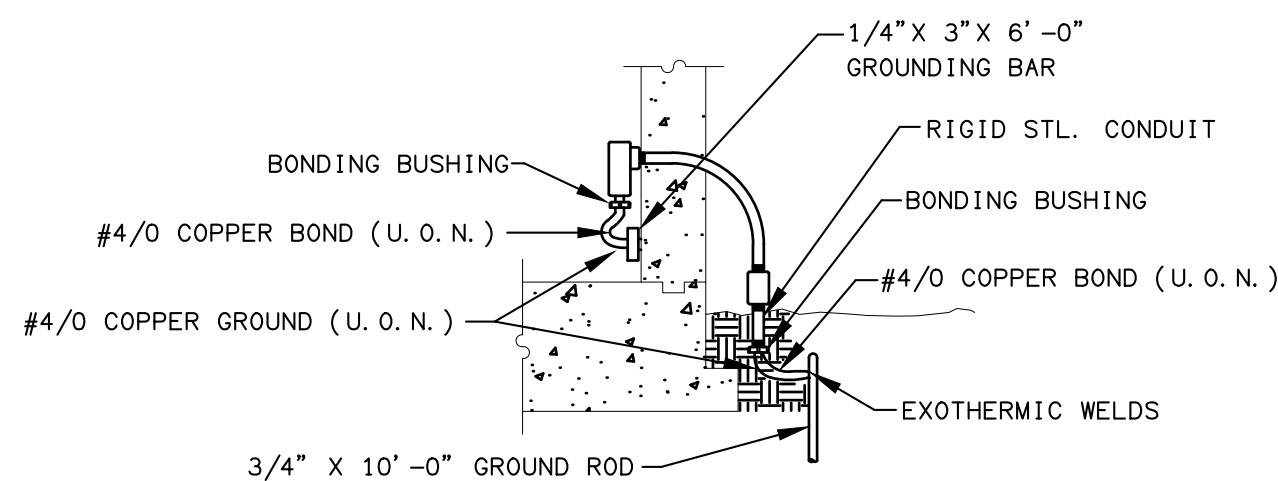
PLAN VIEW



ELEVATION

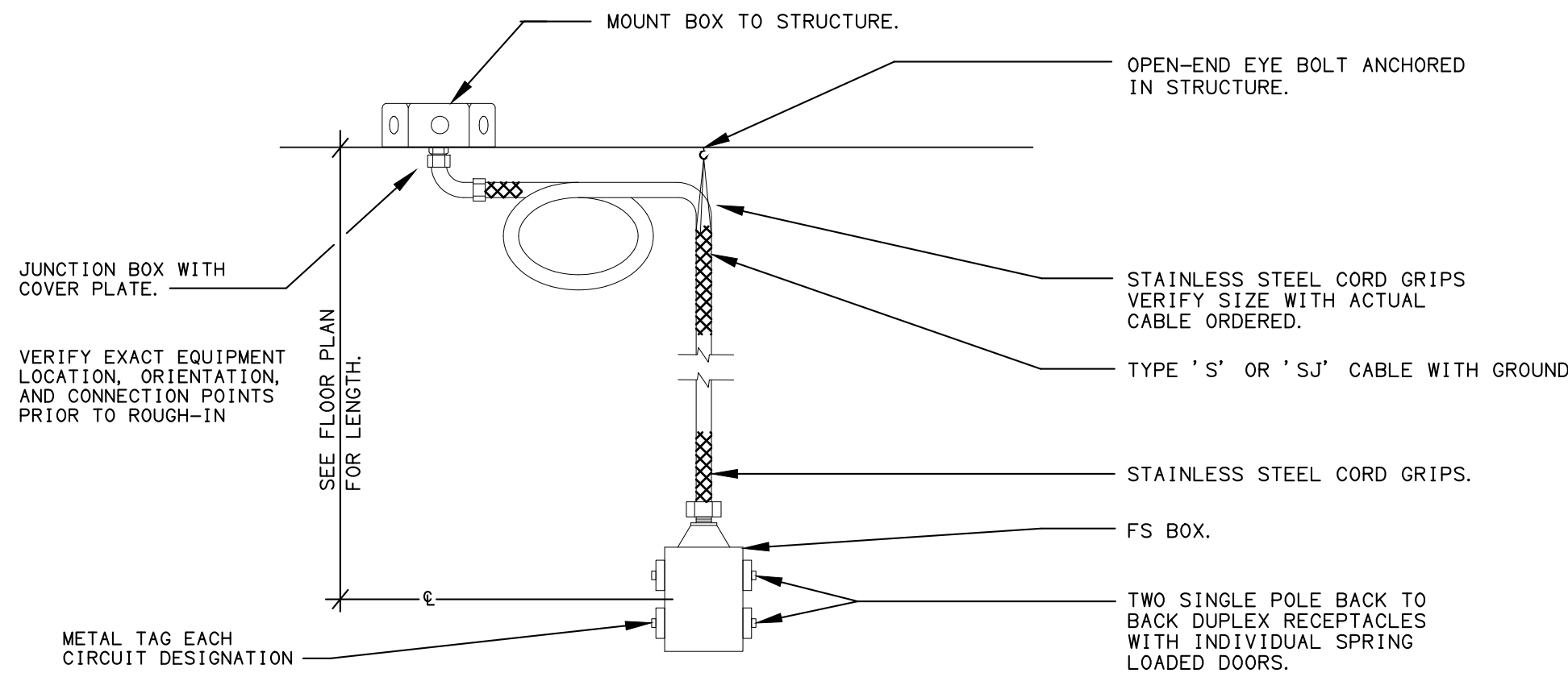
TYPICAL GROUND BUS BAR DETAIL 9

SCALE: NONE



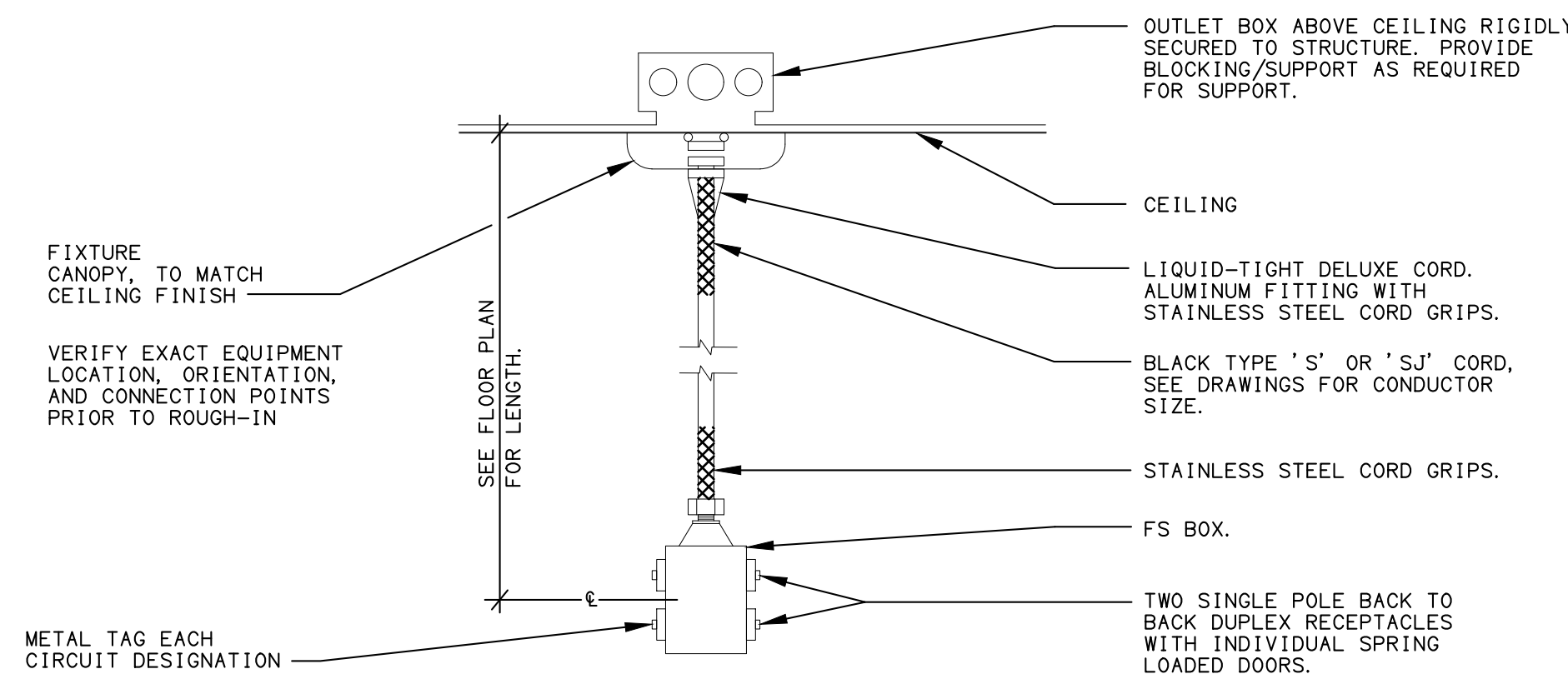
GROUND ROD DETAIL 8

SCALE: NONE



PENDANT MOUNT BACK TO BACK RECEPTACLE 5

SCALE: NONE

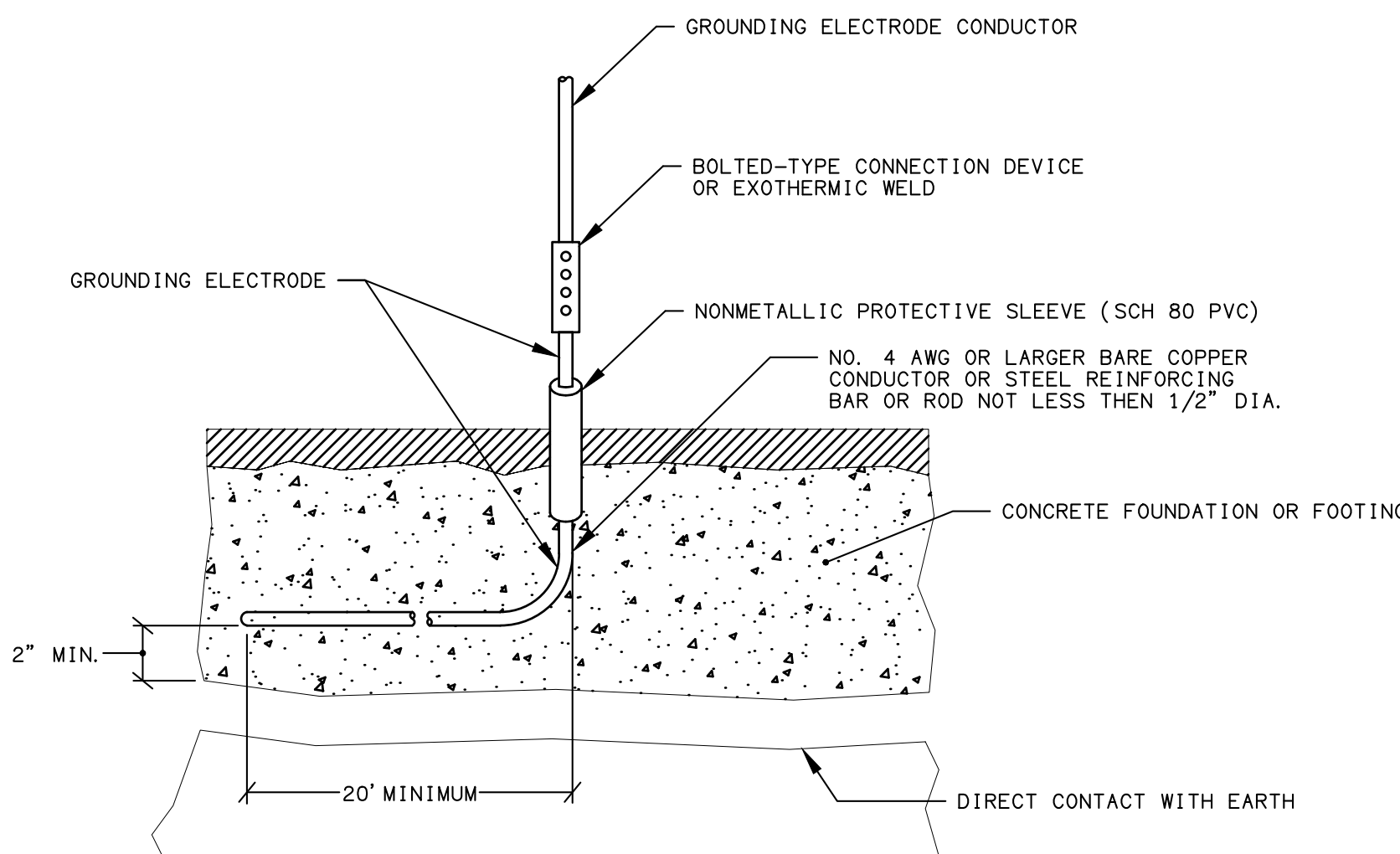


PENDANT MOUNT BACK TO BACK RECEPTACLE 4

SCALE: NONE

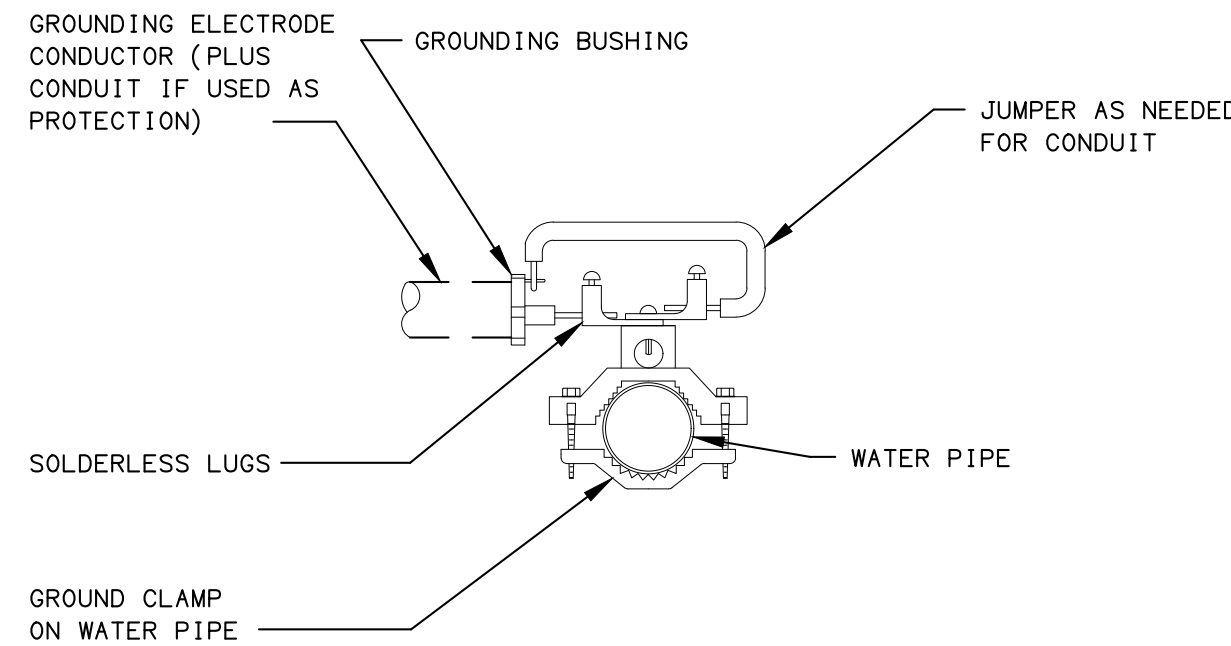
DETAIL NOTES:

1. CONCRETE-ENCASED ELECTRODE: AN ELECTRODE ENCASED BY AT LEAST 2 INCHES (50.8MM) OF CONCRETE. LOCATED WITHIN AND NEAR THE BOTTOM OF A CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH, CONSISTING OF AT LEAST 20 FEET (6.1 M) OF ONE OR MORE BARE OR ZINC GALVANIZED OR OTHER ELECTRICALLY CONDUCTIVE COATED STEEL REINFORCING BARS OR RODS OF NOT LESS THAN 1/2 INCH (12.7 MM) DIAMETER, OR CONSISTING OF AT LEAST 20 FEET (6.1 M) OF BARE COPPER CONDUCTOR NOT SMALLER THAN NO. 4, SEE PLANS FOR SIZE OF CONDUCTOR IF GREATER THEN #4.



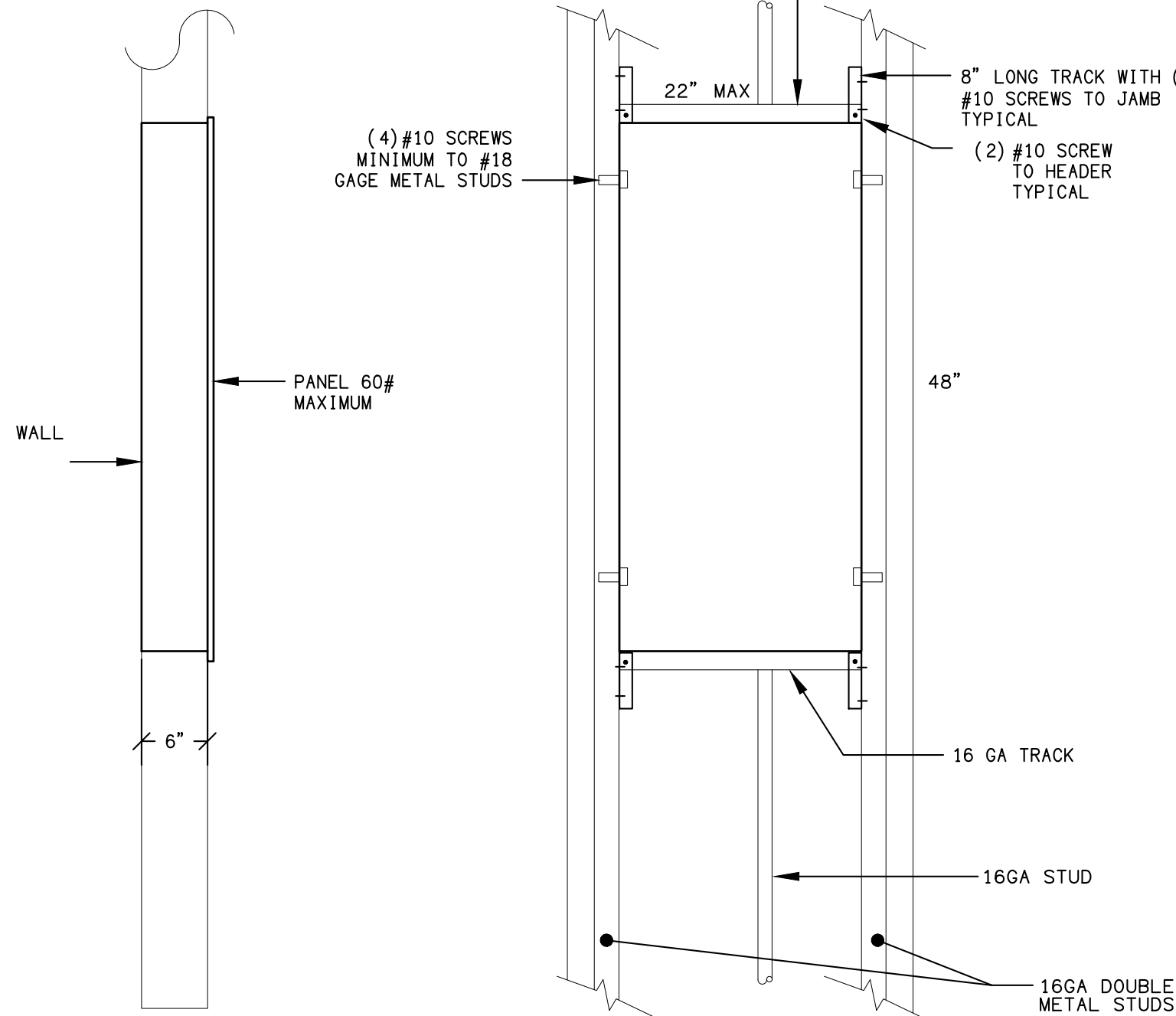
UFER GROUND DETAIL 3

SCALE: NONE



COLD WATER GROUND DETAIL 2

SCALE: NONE



SIDE VIEW

FRONT VIEW

NOTE: FOR TYPICAL INFORMATION SEE STRUCTURAL DETAIL 25/S002

FLUSH MOUNTED PANEL 1

SCALE: NONE

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

03-119638

ACS FLS SS



Roelsing Nakamura
Terada Architects

285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
8881 CORTO MALPASO, #801
CARMELITO, CA 95018-8091
(805) 389-6500 FAX (805) 389-6519
Web Site: <http://www.lucciland.com>



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

No.	Description	Date

Sheet Name

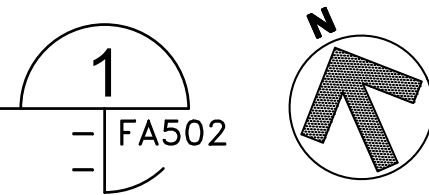
ELECTRICAL
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG,JR
Checked by	TB
Sheet Number	

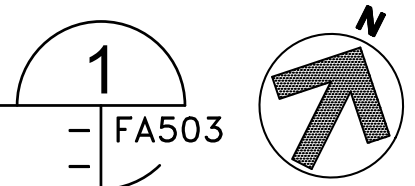
E600



SCALE: 1"=30'-0"



FA502

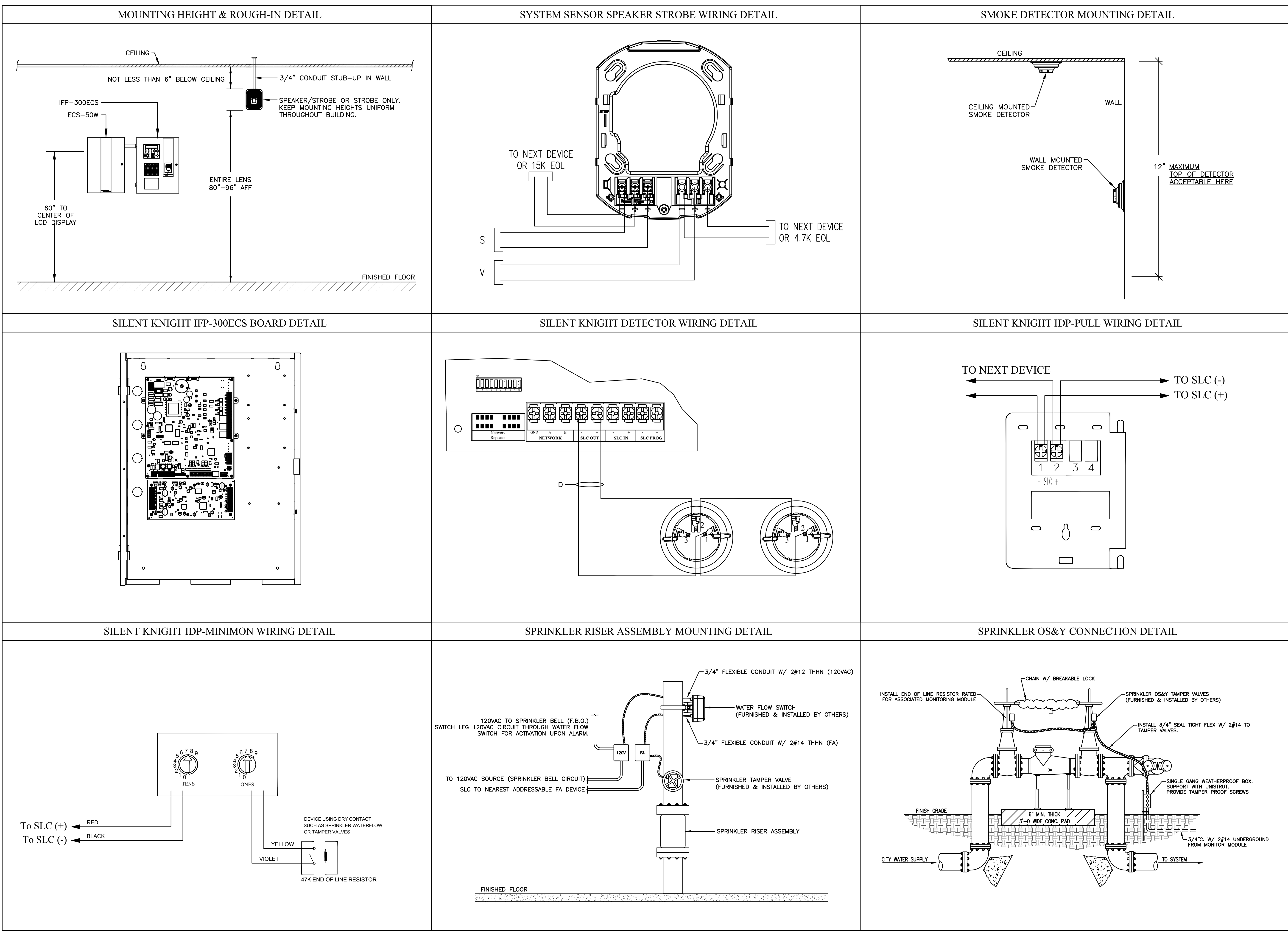


Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24"



Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24

DATE: 16 June 2019
TIME: 1:16 pm
PLOT DATE: 6/16/2019 1:16:06 PM
PLOT BY: Lee Keener
SAVE DATE: 5/7/2019 12:36:42 PM
PATHNAME: G:\18602\EL\Sheets
DRAWING FILENAME: 18602FA506
DRAFTER: Lee Keener
All ideas, arrangements and plans indicated or represented by this drawing are owned by, and the property of Roesling Nakamura Terada Architects, Inc. and were created, evolved, and developed for use on and in connection with the project.
None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roesling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3801 CORTA MALPASO, #201
CAMARILLO, CA 93012-8094
(805) 389-6500 FAX (805) 389-6509
Web Site: <http://www.lucciland.com>
LUCCI & ASSOCIATES, INC. reserves the right to modify the scope of services and the amount of time required to complete the project without notice. The client agrees to pay for any additional services rendered by the firm. The client agrees to pay for any additional services rendered by the firm. The client agrees to pay for any additional services rendered by the firm.



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJIA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions		
No.	Description	Date

Sheet Name

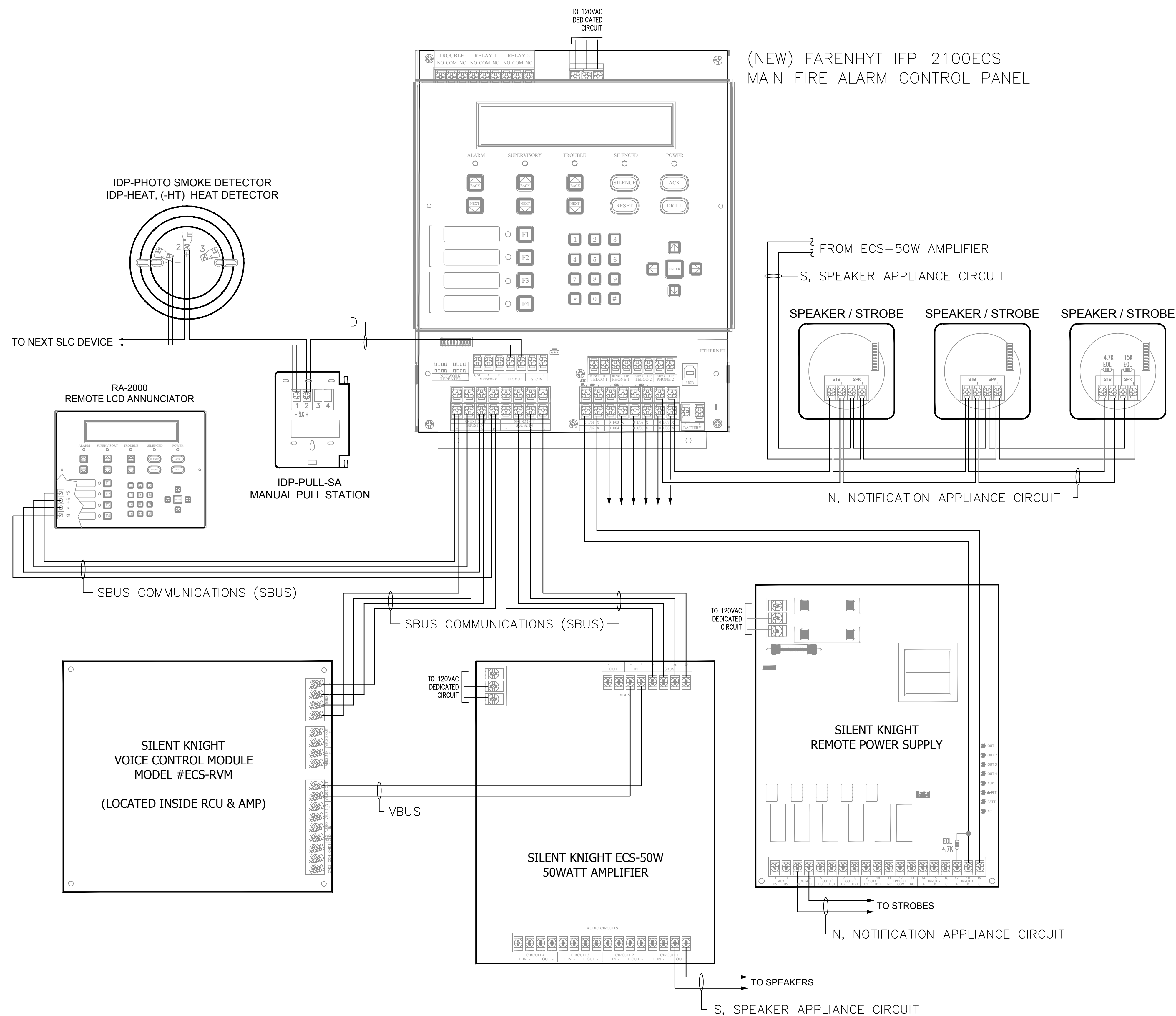
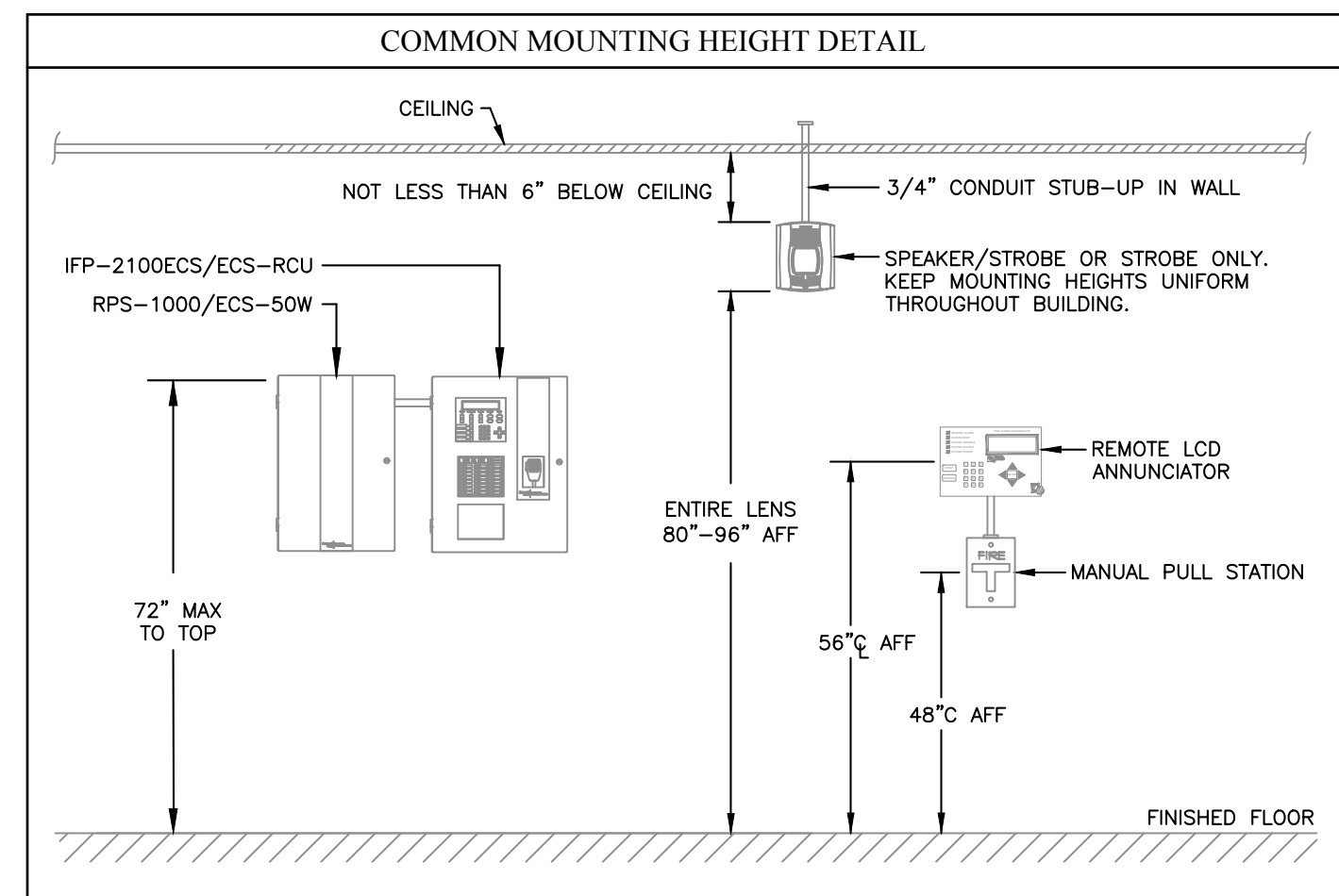
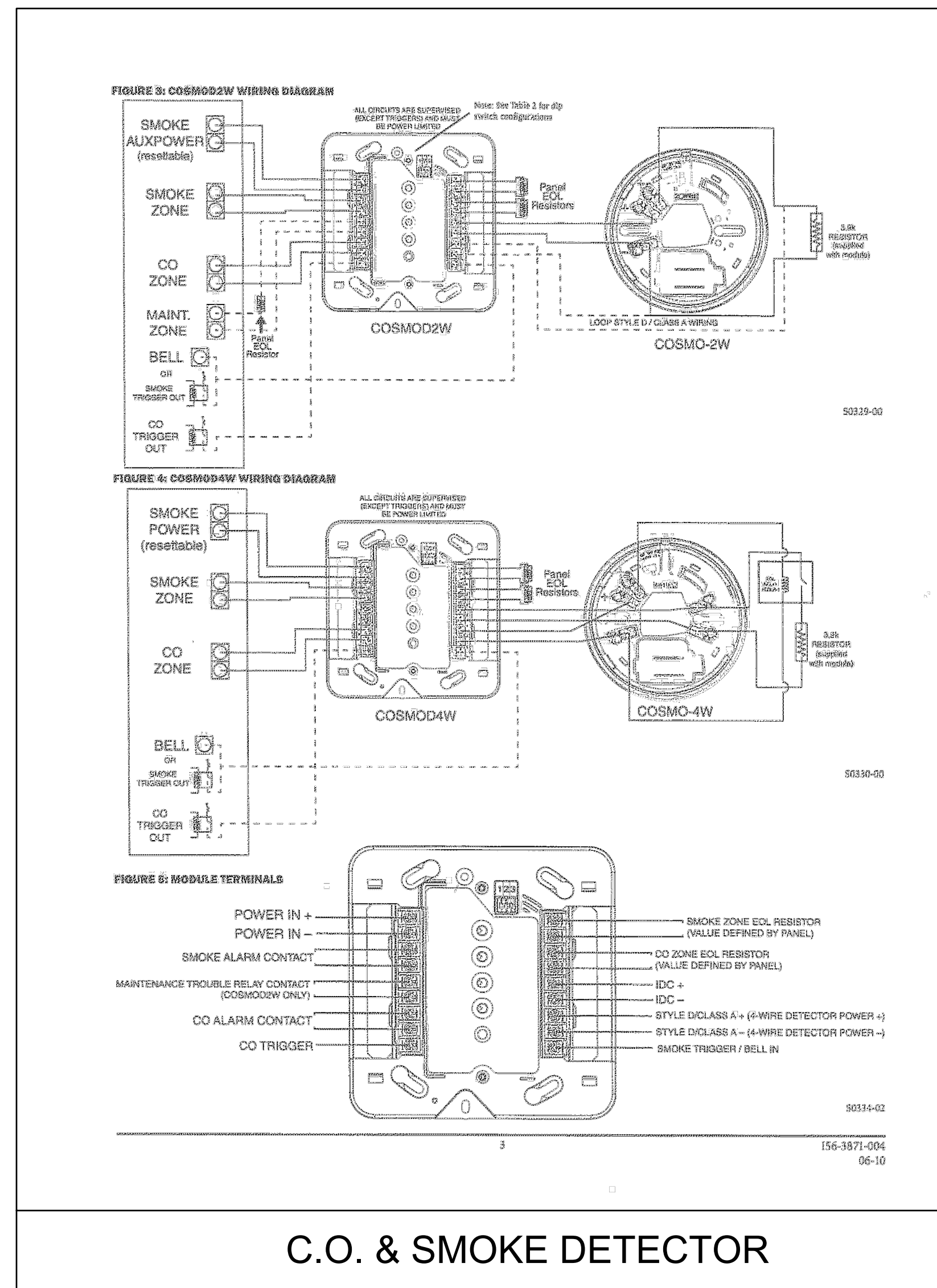
FIRE ALARM
DETAILS

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG,JR
Checked by	TB
Sheet Number	

FA506

after Lee Keener Paper Size: 12.9
Drawing: G:\18\602\EL\Sheets\18602E\AS07.dwg
Jun 16, 2019, 11:16pm
attached XREFS:
XREF: G:\18\602\EL\Xrefs\18602BD_MATL1.Jad
XREF: G:\18\602\AR\Xrefs\BACKGROUND_DATE

All ideas, arrangements and plans indicated by this drawing are owned by, and the property of Roosting Nakamura Terada Architects. It was created, developed for use on and in connection with the project. No reproduction is therefore permissible without the written permission of Roosting Nakamura Terada Architects. For. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.



POINT TO POINT FIRE ALARM/EVACS WIRING DETAIL

SCALE: NONE

1
— E507
—

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
03-119638

ACS _____ FLS _____ SS _____



Roesling Nakamura
Terada Architects
285 N Ventura Ave #102
Ventura, California
P: 805.626.5330
F: 805.626.5350
www.RNTarchitects.com

LUCCI & ASSOCIATES INC.
CONSULTING ELECTRICAL ENGINEERS
3251 CORTE MALPASO, #5H
CAMARILLO, CA 93012-8094
(805) 389-6520 FAX (805) 389-6519
Web Site <http://www.lucciland.com>

LUCCI & ASSOCIATES, INC. reserve their common law copyright and other property rights in this plan. These rights are not to be reproduced, changed, or copied in any form or manner whatsoever without first obtaining the express written permission and consent of LUCCI & ASSOC. INC. nor are they to be assigned to any third party without obtaining said written permission and consent.

OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Revisions

[illegible]

Sheet Name

POINT TO POINT FIRE ALARM/EVACS WIRING DETAIL

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AG, JF
Checked by	TE
Sheet Number	

FA507

5/3/2019 10:07:02 AM

Copyright Lucci and Associates Consulting Electrical Engineers. Deviations from this drawing will not be made without their expressed written permission. L.A.I.# 18602 PAPER SIZE 36"x24

All ideas, arrangements and plans indicated on this drawing are owned by, and the property of Roessling Nakamura Terada Architects, Inc. and were created, developed and developed for use in and in connection with the project. None of such ideas, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of Roessling Nakamura Terada Architects, Inc. Filing of these drawings or applications with any public agency is not a publication of same. No reproduction is therefore permissible without the written consent of RNT.

ACS _____ FLS _____ SS _____



DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

Sheet Name

**FIRE ALARM
BATTERY
CALCULATION
'FACP-M'**

RNT Job No.	17759.04
Date	02/04/2019
Drawn by	AC,JR
Checked by	TB
Sheet Number	

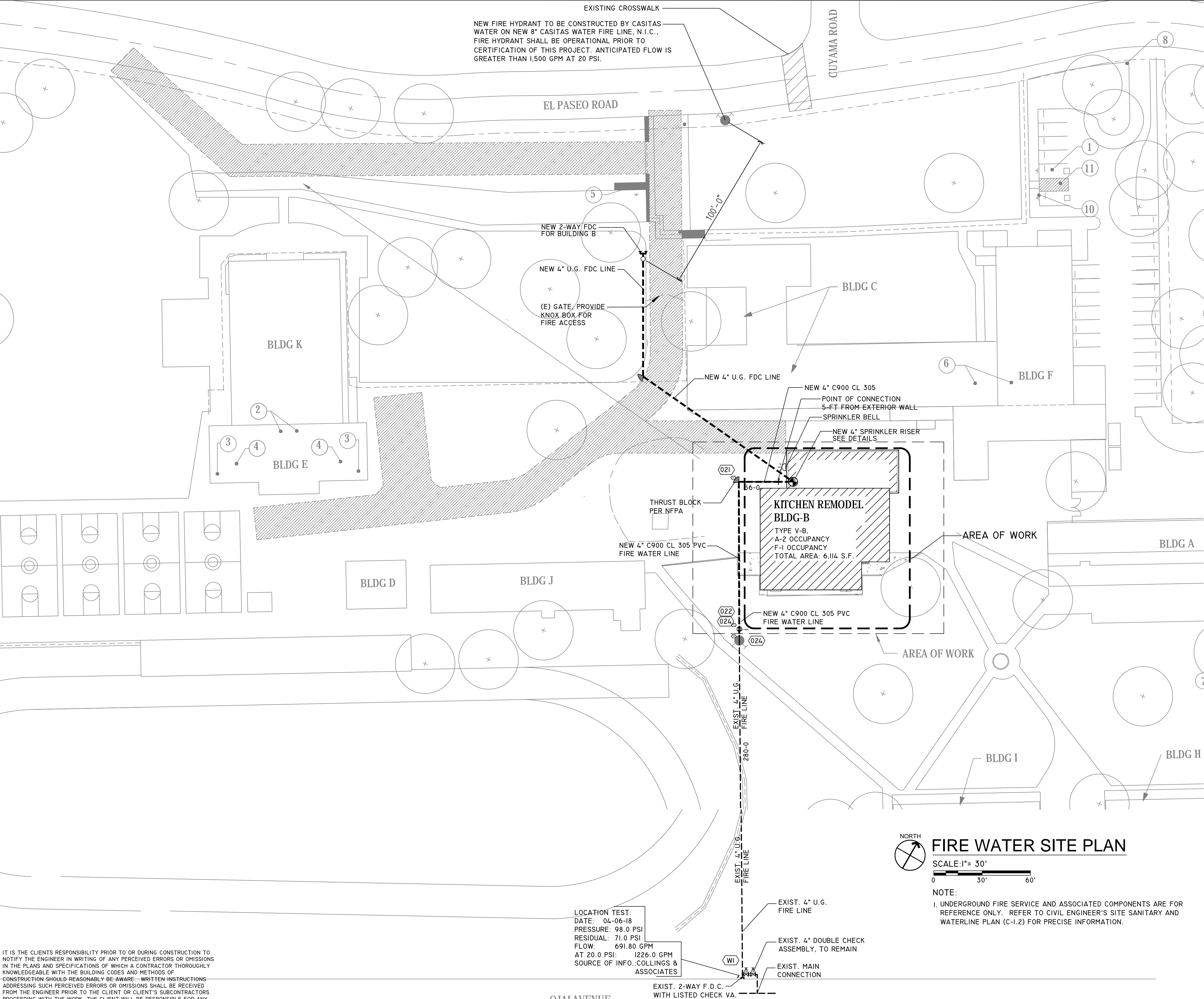
FA508

BATTERY CALCULATIONS 'AMP'					
EQUIPMENT	QTY.	STAND-BY		ALARM	
		CURRENT		CURRENT	
		UNIT	TOTAL	UNIT	TOTAL
ECSSOW	1	0.085	0.085	0.525	0.525
# OF WATTS	13		--	0.040	0.520
TOTAL STANDBY CURRENT (AMPS)	0.085	1.045	TOTAL ALARM CURRENT (AMPS)		
STANDY BY TIME IN HOURS	24	0.250	ALARM TIME IN MINUTES / 60 (15 MINUTES)		
TOTAL STANDBY AH REQUIRED	2.040	0.261	TOTAL ALARM AH REQUIRED		
TOTAL COMBINED AH REQUIRED	2.301				
MULTIPLY BY THE DERATING FACTOR	1.20				
MINIMUM BATTERY AH REQUIRED	2.762				
BATTERY AH PROVIDED	8.000				
SPARE CAPACITY AH	5.239				

12 DEVICES @ 1/4W = 3 WATTS
4 DEVICES @ 1/2W = 2 WATTS
4 DEVICES @ 2W = 8 WATTS

NEW BATTERY CALCULATIONS - 'FACP-M'

C:\Users\Brown\Documents\759.01 - Matilija Kitchen_Brown.rvt



IT IS THE CLIENTS RESPONSIBILITY PRIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ENGINEER IN WRITING OF ANY PERCEIVED ERRORS OR OMISSIONS IN THE PLANS AND SPECIFICATIONS OF WHICH A CONTRACTOR THOROUGHLY KNOWLEDGEABLE WITH THE BUILDING CODES AND METHODS OF CONSTRUCTION SHOULD REASONABLY BE AWARE. WRITTEN INSTRUCTIONS ADDRESSING SUCH PERCEIVED ERRORS OR OMISSIONS SHALL BE RECEIVED FROM THE ENGINEER PRIOR TO THE CLIENT OR CLIENT'S SUBCONTRACTORS PROCEEDING WITH THE WORK. THE CLIENT WILL BE RESPONSIBLE FOR ANY DEFECTS IN CONSTRUCTION IF THESE PROCEDURES ARE NOT FOLLOWED.

FIRE SPRINKLER NOTES:

1. THIS FIRE SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED PER THE REQUIREMENT OF NFPA 13, 2016 EDITION.
2. IT IS THE RESPONSIBILITY OF THE ON-SITE SUPERVISOR TO MAINTAIN THE INTEGRITY OF THE SPRINKLER SYSTEM.
3. THE SPRINKLER CONTRACTOR WILL PROVIDE THE OWNER WITH THE NECESSARY INSTRUCTION MANUALS FOR THE UPKEEP OF THE SYSTEM.
4. ONLY NEW SPRINKLERS SHALL BE EMPLOYED IN THE INSTALLATION OF THE SPRINKLER SYSTEM.
5. THE SYSTEM SHALL ONLY EMPLOY THE USE OF U.L. LISTED MATERIALS AND DEVICES. A SET OF APPROVED PLANS SHALL BE MAINTAINED AT ALL TIMES ON THE JOB SITE.
6. AN APPOINTMENT SHALL BE MADE A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE WITH THE APPROPRIATE FIRE PREVENTION OFFICE FOR ALL INSPECTIONS AND TEST.
7. ALL SYSTEM PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS, OR AT 50 PSI ABOVE THE SYSTEM OPERATING PRESSURE, WHICHEVER IS GREATER.
8. ALL TAMPER SWITCHES SHALL BE CONNECTED TO AN APPROVED CENTRAL STATION SUPERVISION COMPANY. ALL VALVES SHALL HAVE A PERMANENTLY AFFIXED SIGN INDICATING ITS FUNCTION.
9. AUTOMATIC SPRINKLER SYSTEM SHALL BE SUPERVISED BY AN APPROVED, PROPRIETARY OR REMOTE STATION SERVICE OR A LOCAL ALARM WHICH WILL GIVE AN AUDIBLE SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
10. ANY PORTION OF THIS SPRINKLER SYSTEM WHICH IS EXPOSED TO FREEZING SHALL BE ADEQUATELY PROTECTED AGAINST THIS EXPOSURE.
11. A STOCK OF SPARE SPRINKLERS OF EACH STYLE, TYPE, AND TEMPERATURE RATING, ALONG WITH A SPRINKLER WRENCH, SHALL BE LOCATED AT THE MAIN RISER.
12. PROVIDED AUXILIARY DRAIN TO ALL LOW POINTS IN THE SYSTEM IN ACCORDANCE WITH SECTION 8.16.2.5 OF NFPA 13.
13. FERROUS PIPING WELDED OR SEAMLESS STEEL, ANSI/ASTM A-135 WITH WELDING PERFORMED BY A CERTIFIED WELDER.
14. PIPES 2 INCH OR SMALLER TO BE SCHEDULE 40 STEEL PIPE WITH THREADED FITTINGS.
15. PIPES 2½ TO 8 INCH TO BE SCHEDULE #10 STEEL PIPE WITH GRVD ENDS.
16. ALL THREADED FITTINGS TO BE CLASS 125 C.I. AND ALL GROOVED FITTINGS AND COUPLING TO BE VICTAULIC OR EQUAL.
17. OVERHEAD PIPING SHALL NOT BE COVERED OR CONNECTED UNTIL A HYDROSTATIC TEST HAS BEEN COMPLETED.
18. ROUGH AND FINAL INSPECTION ARE REQUIRED ON ALL SYSTEMS.
19. A METAL CALCULATION PLATE INDICATING THE HIGHEST RESIDUAL PRESSURE REQUIRED FOR THE SYSTEM OPERATION SHALL BE PERMANENTLY ATTACHED TO THE RISER.

DESIGN CRITERIA:

1. DESIGN AREA 1: DESIGN AREA I: DINING AREA - LIGHT HAZARD A MINIMUM DESIGN AREA OF 1035 T² WITH QUICK RESPONSE AREA REDUCTION PER SECTION II.2.3.2.3.1, WITH ADDITION OF 30% INCREASE FOR THE SLOPED CEILING, A TOTAL OF 1355 FT² MIN. DESIGN AREA, PER SECTION II.2.3.2.4. OF THE NFPA 13, 2016 EDITION.
140 SQ.FT. MAXIMUM SPACING
K-FACTOR OF 5.6,
TEMP OF 155°, ½ NPT
2. DESIGN AREA 2: KITCHEN AREA - ORDINARY HAZARD I - 0.15 GPM/FT² DENSITY OVER 1500 FT² PER FIG. II.2.3.1.1 "DENSITY / AREA CURVES" OF THE NFPA 13, 2016 EDITION.
130 SQ.FT. MAXIMUM SPACING
K-FACTOR OF 5.6, TEMP OF 200°F, ½ NPT

SCOPE OF WORK:

1. TO PROVIDE A COMPLETE FIRE PROTECTION ENGINEERING DESIGN FOR THE NEW DINING HALL AND KITCHEN BUILDING 'B'.
2. SYSTEM DESIGN TO COMPLY IN ACCORDANCE WITH THE NFPA 13, 2016 EDITION AND THE DIVISION OF STATE ARCHITECT (DSA).

SHEET INDEX:

FP-0.0:	SITE PLAN UNDERGROUND FIRE WATER - GENERAL NOTES
FP-1.0:	SPRINKLER CEILING PLAN
FP-1.1:	FIRE SPRINKLER PIPING PLAN
FP-2.0:	BUILDING SECTIONS
FP-3.0:	DETAILS
FP-4.0:	SEISMIC BRACE DETAILS & CALCULATIONS

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO.
03-119638
AC _____ FLS _____ SS _____
DATE _____



Roesling Nakamura Terada Architects
285 N Ventura Ave # 102
Ventura, CA 93001
P805.628.5330
F805.628.5350
www.RNTArchitects.com



Collings & Associates, LLC
Fire Protection Engineering
260 Maple Court, Suite 241, Ventura, CA 93003
Phone: (805) 658-0003 Fax: (805) 658-0044
www.collingsandassociates.com



OJAI UNIFIED SCHOOL DISTRICT

DINING HALL AND KITCHEN (BLDG B) AT MATILIJIA JUNIOR HIGH SCHOOL

CONSTRUCTION DOCUMENTS

No.	Description	Date

Sheet Name

FIRE WATER SITE PLAN/ GENERAL NOTES

	17759.04
Date	02/04/2019
Drawn by	E.A.
Checked by	J.C.
Sheet Number	

FP-0.0
Sheet 1 of 6 Sheets



Roesling Nakamura
Terada Architects

285 N Ventura Ave #
102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



Collings &
Associates, LLC
Fire Protection Engineers

260 Maple Court, Suite 241, Ventura, Ca 93003
Phone: (805) 658-0003 Fax: (805) 658-0044
www.collingsandassociates.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

[illegible]

Sheet Name

SPRINKLER CEILING PLAN

17759.04

Date	02/04/2019
------	------------

Drawn by	E.A.
----------	------
















Checked by	J.C.
------------	------

Sheet Number

FP-1.0

Sheet 2 of 6 Sheets

SPRINKLER LEGEND & SYM.

	SPRINKLER RISER
	HYDRAULIC NODE POINT
	NEW SPRINKLER PIPE
	TYP. HANGER LOCATION
	TYP. BRANCH LINE RESTRAIN
	PIPE RISE OR DOWN
	ELEC. BELL
	FIRE HYDRANT
	GATE VALVE
	OS&Y VALVE
	PIPE SLOPE DIRECTION
	FIRE DEPARTMENT CONNECTION
	LATERAL SWAY BRACE
	LONGITUDINAL SWAY BRACE
	4-WAY EARTHQUAKE BRACE

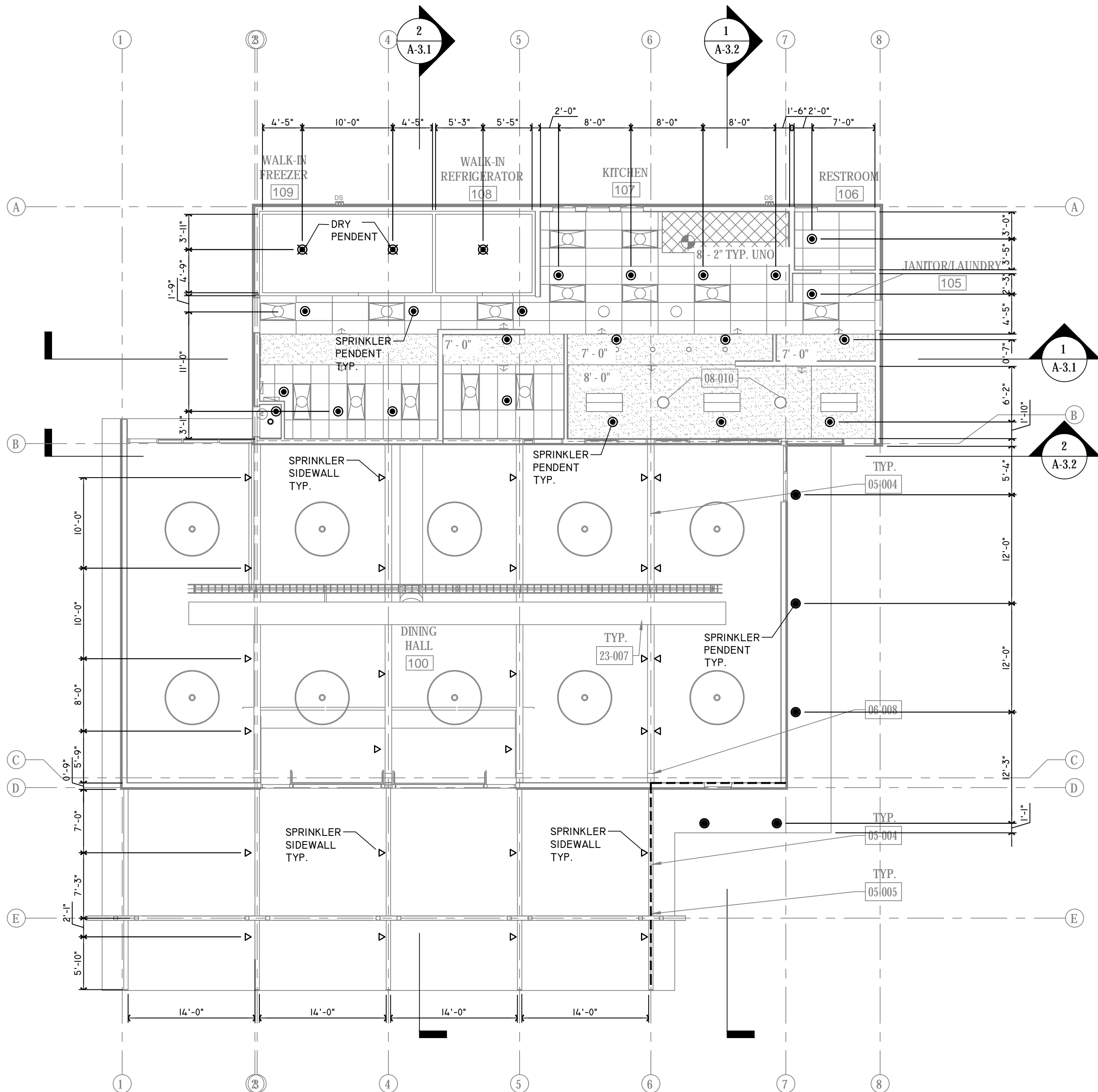
SPRINKLER HEAD INFO.:

[illegible]

NOTE TO CONTRACTOR:

1. ALL PIPE DIMENSIONS ARE CENTER TO CENTER.
2. PIPING IS SHOWN AS NEAR AS POSSIBLE. HOWEVER EXACT LOCATIONS WITH REGARDS TO THE BUILDING STRUCTURE SHALL BE VERIFIED AND DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
3. CONTRACTOR TO BE RESPONSIBLE FOR INSTALLING COMPLETE INSTALLATION AND SHALL CONFIRM AS-BUILT CONDITIONS PRIOR TO ANY WORK.
4. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL POSSIBLY INTERFERING PIPING, STRUCTURAL AND MISCELLANEOUS ITEMS BEFORE INSTALLATION OF SPRINKLER SYSTEMS TO AVOID INTERFERENCE.
5. PROVIDE EXTENDED ESCUTCHEON WHEN SURFACE MOUNTED FIXTURES PLACE ON THE CEILING CREATING AN OBSTRUCTION TO FIRE SPRINKLERS COVERAGE. SHALL COMPLY WITH NFPA 13 REQUIREMENTS.

IT IS THE CLIENT'S RESPONSIBILITY PRIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ENGINEER IN WRITING OF ANY PERCEIVED ERRORS OR OMISSIONS IN THE PLANS AND SPECIFICATIONS OF WHICH A CONTRACTOR THOROUGHLY KNOWLEDGEABLE WITH THE BUILDING CODES AND METHODS OF CONSTRUCTION SHOULD REASONABLY BE AWARE. WRITTEN INSTRUCTIONS ADDRESSING SUCH PERCEIVED ERRORS OR OMISSIONS SHALL BE RECEIVED FROM THE ENGINEER PRIOR TO THE CLIENT OR CLIENT'S SUBCONTRACTORS PROCEEDING WITH THE WORK. THE CLIENT WILL BE RESPONSIBLE FOR ANY DEFECTS IN CONSTRUCTION IF THESE PROCEDURES ARE NOT FOLLOWED.



SPRINKLER CEILING PLAN

SCALE : 1/8" = 1'-0"



C:\Users\Brown\Documents\759.01 - Matilija Kitchen_brown.rvt

WATER FIRE FLOW:

STATIC PRESSURE: 98.0 PSI
RESIDUAL PRESSURE: 71.0 PSI
GALLONS PER MINUTE: 691.8 GPM
ACTUAL AT 20 PSI: 1226.9 GPM
DATE & TIME: 6-01-18
INFORMATION BY: COLLINGS & ASSOCIATES
J, COLLINGS

HANGER NOTES

- 3/8" A.T.R. ROD SHALL BE USED ON PIPES 1 TO 4 INCHES. 1/2" ATR FOR 5, 6 & 8 INCHES PIPE, AND 5/8" ATR FOR 10 & 12 INCHES PIPE.
- THE MAX. UNSUPPORTED LENGTH FROM THE END OF A LINE TO HANGER SHALL BE 36" FOR 1", 48" FOR 1 1/4", 60" FOR 1 1/2" PIPE AND ABOVE.
- THE MAXIMUM HANGER SPACING SHALL BE 12 FT. FOR 1" TO 1 1/4" PIPE, 15 FT. FOR 1 1/2" PIPE AND ABOVE EXCEPT THREADED LIGHT WALL. FOR THREADED LIGHT WALL MAXIMUM SPACING IS 12 FT. FOR PIPE UP TO 3 IN.(UNLESS NOTED OTHERWISE).
- HANGERS ARE REQUIRED ON ARM-OVER EXCEEDING 2 FT. FROM CENTER TO CENTER
- ALL HANGERS SHALL BE IN ACCORDANCE WITH NFPA-13, 2016 EDITION. TABLE 9.2.2.(A). ALL ARM-OVER MORE THAN 2'-0 SHALL HAVE HANGER. IF STATIC PRESSURE EXCEEDS 100 PSI, HANGER IS REQUIRED ON ARM-OVER MORE THAN 1'-0".

SPRINKLER LEGEND & SYM.

	SPRINKLER RISER
	HYDRAULIC NODE POINT
	NEW SPRINKLER PIPE
	TYP. HANGER LOCATION
	TYP. BRANCH LINE RESTRAIN
	PIPE RISE OR DOWN
	ELEC. BELL
	FIRE HYDRANT
	GATE VALVE
	OS&Y VALVE
	PIPE SLOPE DIRECTION
	FIRE DEPARTMENT CONNECTION
	LATERAL SWAY BRACE
	LONGITUDINAL SWAY BRACE
	4-WAY EARTHQUAKE BRACE

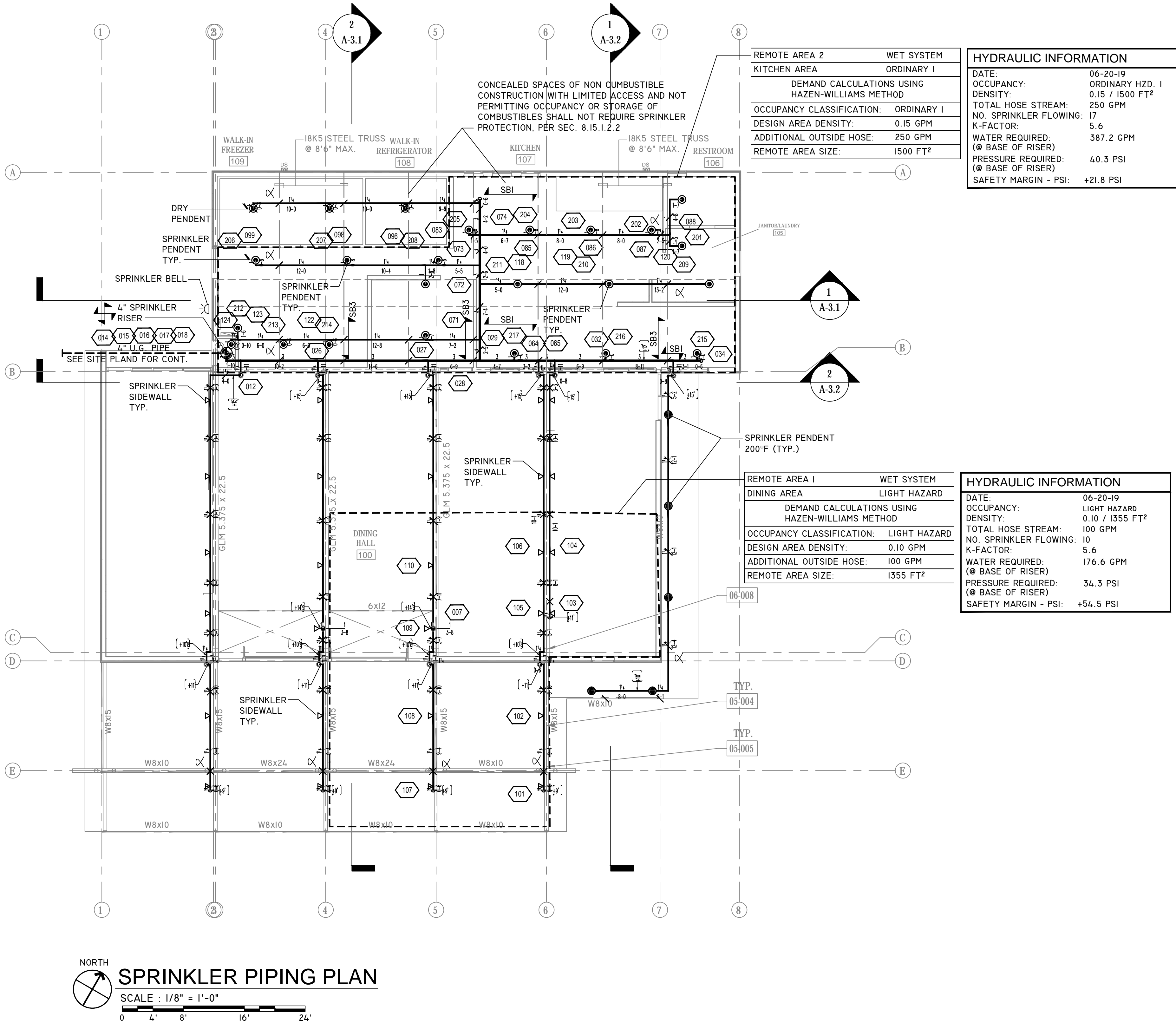
SPRINKLER HEAD INFO.:

SYM.	MANUFACTURER	SIN	NPT	K	TEMP	DESCRIPTION	QTY.
	TYCO TY-FRB	TY3231	1/2	5.6	155°	QUICK RESPONSE SPRINKLER PENDENT	21
	TYCO DS-I	TY3255	1/2	5.6	200°	QUICK RESPONSE DRY TYPE SPRINKLER PENDENT	3
	TYCO TY-FRB	TY3231	1/2	5.6	200°	QUICK RESPONSE SPRINKLER PENDENT	5
	TYCO TY-FRB	TY3331	1/2	5.6	155°	QUICK RESPONSE SPRINKLER SIDEWALL	28
TOTAL							57

NOTE TO CONTRACTOR:

- ALL PIPE DIMENSIONS ARE CENTER TO CENTER.
- PIPING IS SHOWN AS NEAR AS POSSIBLE. HOWEVER EXACT LOCATIONS WITH REGARDS TO THE BUILDING STRUCTURE SHALL BE VERIFIED AND DETERMINED IN THE FIELD PRIOR TO FABRICATION AND INSTALLATION.
- CONTRACTOR TO BE RESPONSIBLE FOR INSTALLING COMPLETE INSTALLATION AND SHALL CONFIRM AS-BUILT CONDITIONS PRIOR TO ANY WORK.
- CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL POSSIBLY INTERFERING PIPING, STRUCTURAL AND MISCELLANEOUS ITEMS BEFORE INSTALLATION OF SPRINKLER SYSTEMS TO AVOID INTERFERENCE.
- PROVIDE EXTENDED ESCUTCHEON WHEN SURFACE MOUNTED FIXTURES PLACE ON THE CEILING CREATING AN OBSTRUCTION TO FIRE SPRINKLERS COVERAGE, SHALL COMPLY WITH NFPA 13 REQUIREMENTS.

IT IS THE CLIENTS RESPONSIBILITY PRIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ENGINEER IN WRITING OF ANY PERCEIVED ERRORS OR OMISSIONS IN THE PLANS AND SPECIFICATIONS OF WHICH A CONTRACTOR THOROUGHLY KNOWLEDGEABLE WITH THE BUILDING CODES AND METHODS OF CONSTRUCTION SHOULD REASONABLY BE AWARE. WRITTEN INSTRUCTIONS ADDRESSING SUCH PERCEIVED ERRORS OR OMISSIONS SHALL BE RECEIVED FROM THE ENGINEER PRIOR TO THE CLIENT OR CLIENT'S SUBCONTRACTORS PROCEEDING WITH THE WORK. THE CLIENT WILL BE RESPONSIBLE FOR ANY DEFECTS IN CONSTRUCTION IF THESE PROCEDURES ARE NOT FOLLOWED.



IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO.
03-119638
AC _____ FLS _____ SS _____
DATE: _____



Roesling Nakamura
Terada Architects

285 N Ventura Ave #
102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTArchitects.com



Collings &
Associates, LLC
Fire Protection Engineering

260 Maple Court, Suite 241, Ventura, CA 93003
Phone: (805) 658-0063 Fax: (805) 658-0044
www.collingsandassociates.com



OJAI UNIFIED SCHOOL
DISTRICT

DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJ
JUNIOR HIGH
SCHOOL

CONSTRUCTION
DOCUMENTS

No.	Description	Date

Sheet Name

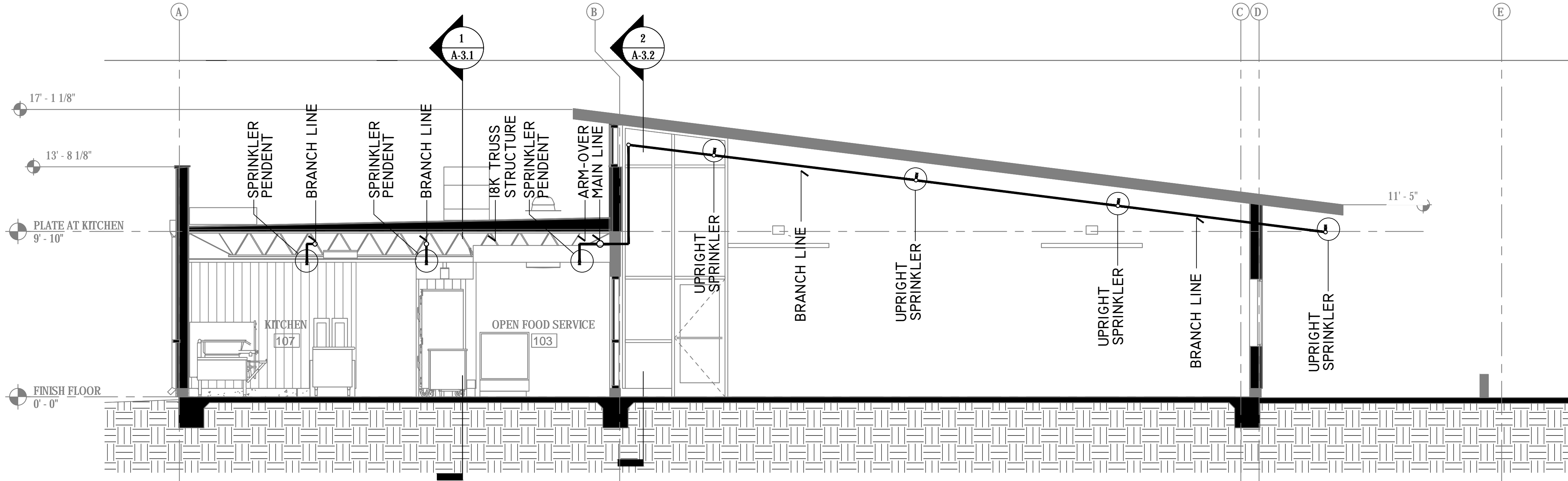
SPRINKLER
PIPING PLAN

17759.04
Date 02/04/2019
Drawn by E.A.
Checked by J.C.

Sheet Number

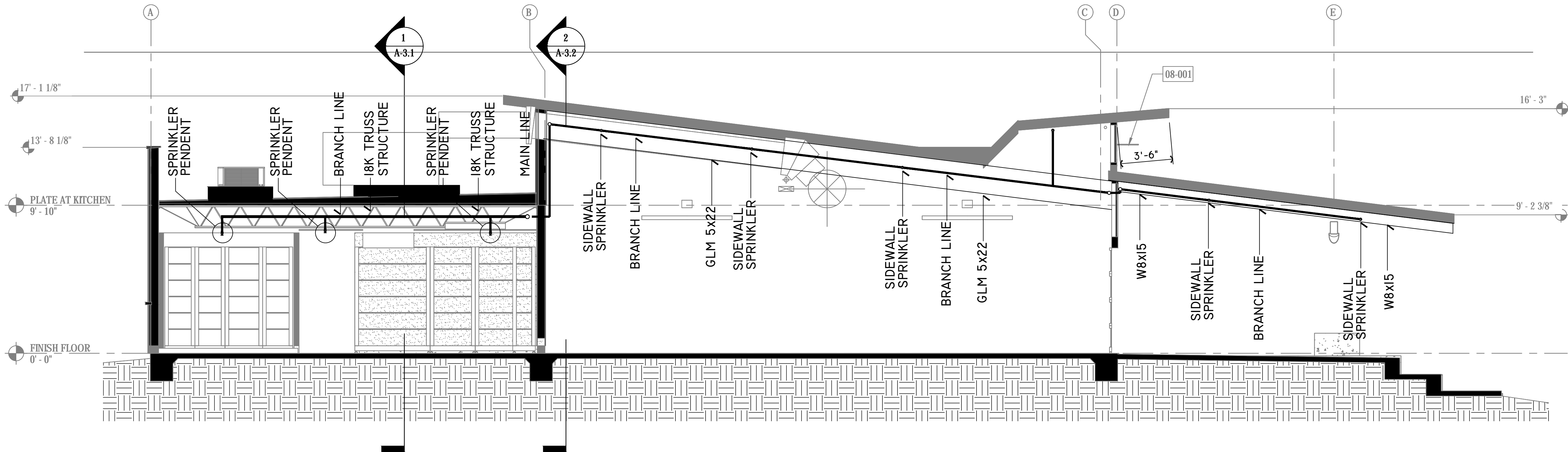
FP-1.1
Sheet 3 of 6 Sheets

C:\Users\Brown\Documents\759.01 - Matilija Kitchen_brown.rvt



BUILDING SECTION

SCALE : 1/4" = 1'-0"



BUILDING SECTION

SCALE : 1/4" = 1'-0"

IT IS THE CLIENTS RESPONSIBILITY PRIOR TO OR DURING CONSTRUCTION TO NOTIFY THE ENGINEER IN WRITING OF ANY PERCEIVED ERRORS OR OMISSIONS IN THE PLANS AND SPECIFICATIONS OF WHICH A CONTRACTOR THOROUGHLY KNOWLEDGEABLE WITH THE BUILDING CODES AND METHODS OF CONSTRUCTION SHOULD REASONABLY BE AWARE. WRITTEN INSTRUCTIONS ADDRESSING SUCH PERCEIVED ERRORS OR OMISSIONS SHALL BE RECEIVED FROM THE ENGINEER PRIOR TO THE CLIENT OR CLIENT'S SUBCONTRACTORS PROCEEDING WITH THE WORK. THE CLIENT WILL BE RESPONSIBLE FOR ANY DEFECTS IN CONSTRUCTION IF THESE PROCEDURES ARE NOT FOLLOWED.

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
FILE NO.
03-119638
AC _____ FLS _____ SS _____
DATE _____



**Roesling Nakamura
Terada Architects**

285 N Ventura Ave #
102
Ventura, CA 93001
P805.626.5330
F805.626.5350
www.RNTarchitects.com



**Collings &
Associates, LLC**
Fire Protection Engineering

280 Marc Court Suite 241, Ventura, CA 93003
Phone: (805) 658-0003 Fax: (805) 658-0044
www.collingsandassociates.com



OJAI UNIFIED SCHOOL
DISTRICT

**DINING HALL
AND KITCHEN
(BLDG B) AT
MATILIJA
JUNIOR HIGH
SCHOOL**

**CONSTRUCTION
DOCUMENTS**

No.	Description	Date

Sheet Name

**BUILDING
SECTIONS**

	17759.04
Date	02/04/2019
Drawn by	E.A.
Checked by	J.C.
Sheet Number	

FP-2.0
Sheet 4 of 6 Sheets

