PROJECT MANUAL

MJHS Gym Roof and Locker Rooms PROJECT NO. 2018-1602

Bid Opening: JANUARY 7TH, 2019, 10:00 A.M.

for

OJAI UNIFIED SCHOOL DISTRICT

DECEMBER 21, 2018

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DOCUMENT 00020

NOTICE TO CONTRACTORS CALLING FOR BIDS

NOTICE IS HEREBY GIVEN that <u>Ojai Unified School District</u> 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 <u>10:00</u> o'clock a.m. of the 25th day of January 25th, 2019, for sealed bids for the award of a contract

MJHS Gym Roof and Locker Rooms Project Number: 2018-1602

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

A <u>pre-bid walk</u> will be held on <u>January 14TH, 2019 at 10:00 a.m.</u> for the purpose of acquainting all prospective bidders with the bid documents and the work sites. The pre-bid meeting will begin at:

Matilija Junior High School: 703 El Paseo Road, Ojai 93023 00AM

It is <u>required</u> that all bidders attend the pre-bid walk for the project.

Each bid must conform and be responsive to the contract documents, copies of which are now on file and may be obtained after <u>January 7th, 2018</u> on the Ojai Unified School District Website (http://www.ojaiusd.org/Projects).

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 <u>www.dir.ca.gov</u> 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 not** 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 the following classification: <u>C-39</u>.

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

Dated this January 7TH, 2019

David Rogers 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 <u>10:00</u> o'clock <u>am</u>.of the <u>25th</u> day of <u>January</u>, 20199. Bids shall be received in the Business Office located at <u>Ojai Unified School District</u>, <u>414 E Ojai Ave</u>, <u>Ojai</u>, <u>CA 93023</u>. 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

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 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

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 December 6TH 2018.

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

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.

1 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

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

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

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.

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**

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.

- (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

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.

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.

- (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

DOCUMENT 00300 BID FORM

TO: <u>Ojai Unified School District</u>, 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):

MJHS Gym Roof and Locker Rooms Project Number: 2018-1602

all in strict conformity with the drawings and specifications and other contract documents, including addenda nos. _____, ____, and _____, on file at the office of the <u>Director of Purchasing</u> of said District for the **base bid**

amount of _____

Dollars (\$_____) plus the allowance of \$10,000.00 for miscellaneous

unforeseen conditions, as noted in Section 012100, for a total bid amount of

Dollars (\$_____). Said sum includes all applicable taxes and costs.

BID FORM Page 2

- 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 copartnership, state true name of firm, also names of all individual copartners 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

()

BID FORM Page 4



AGREEMENT FOR CONSTRUCTION SERVICES

AGREEMENT NUMBER _____

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

The Contractor shall furnish to the District for a total price of _____ Dollars (\$_____) ("Contract Price"), 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 ______ ("Premises" or "Site"). The Project is the scope of Work performed at the Site.
- 3. Work shall be completed within _____ (____) 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 <u>1000</u> Dollars (\$<u>1000</u>) 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	Asbestos & Other Hazardous Materials	
Instructions to Bidders	Certification	
Bid Form and Proposal	Lead-Product (s) Certification	
Bid Bond	Roofing Project Certification	
Designated Subcontractors List	Insurance Certification and Endorsements	
Notice to Proceed	Performance Bond	
Terms and Conditions to Contract	Payment Bond	
Noncollusion Declaration	Specifications	
Prevailing Wage Certification		

Workers' Compensation Certification	Plans
Criminal Background Investigation Certification	Scope of Work
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	

- 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:

<u>District</u>	Contractor	
	School District	Name:
ATTN:		ATTN:
[ADDRESS]		[ADDRESS]
[E - MAIL]		[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:	<u>.</u>
Print Name:		Print Name:	
Print Title:		Print Title:	
Address:		Address:	
Telephone:		Telephone:	
Facsimile:		_ Facsimile:	
E-Mail:		E-Mail:	
Information regarding Contr License No.: Address:	actor:	Employer Identification and/or 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	

Type of Business Entity:	
Individual	Other:
Sole Proprietorship	
Partnership	
Limited Partnership	
Corporation, State:	
Limited Liability Con	npany

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. No claim for allowance of time or money will be allowed as to any other undiscovered condition on the Site.

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: <u>http://www.dgs.ca.gov/dsa/Forms.aspx</u>.

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 sixsquare-foot area or greater indoors or a 20-square-foot area outdoors must be trained by an EPAaccredited 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:

	Each Occurrence	<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 <u>Builder's Risk.</u> District shall procure and maintain, during the term of this Contract, Builders' Risk coverage.
- 27.5 <u>Other Coverage as Dictated by the District.</u> Contractor shall procure and maintain, during the term of this Agreement, the following other Insurance coverage:

	Each Occurrence	Aggregate
Pollution Liability	\$ 1,000,000.00	\$ 2,000,000.00
□	\$	\$

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 Design-Builder 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 Contractor. In case of a termination for convenience, (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.

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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 (_______%) 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

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 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)

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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. 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 subcontractor'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

Ву_____

DESIGNATION OF SUBCONTRACTORS

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.

Ι.		1	certify that
	(Name)	(Title)	
		is currently registered as a contractor with the Depart	ment 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

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

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:	 	

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.)

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:	 	

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.

CONTRACTOR'S CERTIFICATE REGARDING DRUG-FREE WORKPLACE Page 1 of 2

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

CONTRACTOR'S CERTIFICATE REGARDING DRUG-FREE WORKPLACE Page 2 of 2

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.

20

DATE:	CONTRACTOR
	By: Signature
· · · · · · · · · · · · · · · · · · ·	
· ,	

AGREEMENT CERTIFICATION: TFWP - 3

ASBESTOS-FREE MATERIALS CERTIFICATION

The undersigned declares that he or she is the person who executed the bid for <u>Project Name</u> (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 c	of	•	
20at			•	•	
· · · · ·					
	Name	of Contractor (Print or Type)		
	By:	Signature			
1979: 77 179 A 1979		······································		Print Name	
JURAT					
		Title			· ·
		THE			
State of California County of					
Subscribed and sworn to (or affirn	ned) before me	on this	dav of	. 20
by	, p	roved to me on	the basis of sa	tisfactory evidence to	be the
person(s) who appeared be	fore me	•			
Notary Public in and for			· ·		
the State of California		-	· .	Seal	
My Commission Expires:					
	AGR	EEMENT CERTIFI	CATION: ASB 4	L .	

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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):

Mira Monte School Painting
PROJECT NO. 2018-1206

(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.

Performance Bond p. 1 of 2

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

PRINCIPAL_____

Ву:_____

SURETY_____

[Attach required acknowledgments]

By: _____ Attorney-in-Fact

Performance Bond p. 2 of 2

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):



Mira Monte School Painting

PROJECT NO. 2018-1206

(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	d 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.

Payment Bond p. 1 of 2

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		

[Attach required acknowledgments]

By Attorney-in- Fact

Payment Bond p. 2 of 2

GYM

ABBREVIATIONS

. Q.

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- Se

Sec.

HR. DIAMETER Ø AND HT. & CLORC CENTERLINE INSUL. POUND OR NUMBER INT. A.B. ANCHOR BOLT JT. LAM. ABV. ABOVE ACOUSTICAL CEILING PANEL LAV. ACP AREA DRAIN A.D. LT. ADJ. ADJUSTABLE MFR. A.F.F. ABOVE FINISH FLOOR MATR'L A.F.G. ABOVE FINISH GRADE MAX. ALUM. ALUMINUM M.B. BLDG. BUILDING MECH. BLKG. BLOCKING MIN. BM. BEAM MISC. B.O.B. BOTTOM OF BEAM M.R. BOT. BOTTOM MTL. BTWN. BETWEEN (N) CABINET N.Í.C. CAB. CALIF. CALIFORNIA C.F.O.I CONTRACTOR FURNISHED N.T.S. OWNER INSTALLED 0/ O.C. CAST IN PLACE C.I.P. CJ CONSTRUCTION JOINT O.F.C.I. CONTROL JOINT C.J. 0.F.O.I. C.L. CHAIN LINK CLG. CEILING CLR. CLEAR OPP. CONCRETE MASONRY UNIT CMU PB C.O. **CLEAN OUT** PERF. CENTER OF COLUMN C.O.C. PL. COLUMN COL. COMPOSITION COMP. CONC. CONCRETE PR. CONSTR. CONSTRUCTION PROJ. CONT. CONTINUOUS C.T. CERAMIC TILE DBL. DOUBLE DOUGLAS FIR DF D.F. DRINKING FOUNTAIN DFCI DISTRICT FURNISHED REINF. CONTRACTOR INSTALL DIA. DIAMETER REQ. DIM. DIMENSION DN DOWN RM. DR. DOOR S.C. DWG DRAWING SCHED. EXISTING (E) SHT'G EACH EA SHT. EJ **EXPANSION JOINT** SIM. ELECT. ELECTRICAL SJ ELEV. ELEVATION S.M.S. EQ EQUAL SQ. EQUIP. EQUIPMENT S.S. EXISTING ST. EXIST. EXT. EXTERIOR STL. FD FLOOR DRAIN STOR. FOUNDATION FDN. F.E. FIRE EXTINGUISHER SUSP. F.E.C. FIRE EXTINGUISHER CABINET T&B F.F. **FINISH FLOOR** TEMP. FIN. FINISH T.O. FLR. FLOOR T.O.B. F.O.C. FACE OF CONCRETE TS FACE OF FINISH F.O.F. T.W. F.O.S. FACE OF STRUCTURE TYP. FRAM'G FRAMING U.N.O. FRP FIBERGLASS REINFORCED U.O.N. PANEL V.C.T. FOOT OR FEET FT. VERT. FOOTING FTG. V.G.D.F. F.V. FIELD VERIFY GA. GAUGE V.I.F. GALV. GALVANIZED W/ GWB GYPSUM WALL BOARD WD. GYP. BD. GYPSUM BOARD W.O. HOT DIP GALV W.P. HDG HDR. HEADER W.R. HORIZONTAL HORIZ. WT. HOLLOW METAL H.M.

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LEGEND

PROPERTY LINE ______ SLOPING SURFACE $2 \rightarrow -$ DETAIL NUMBER A4 -- SHEET DETAIL APPEARS ON 2 SECTION NUMBER A4 ----- SHEET SECTION APPEARS ON 2 ELEVATION NUMBER A4 -- SHEET SECTION APPEARS ON CONCRETE SOIL PLYWOOD STEEL WOOD BLOCKING \searrow WOOD CONTINUOUS MEMBER \bigcirc WORK POINT, CONNECTION POINT CONTROL POINT 1222A KEYNOTE (A3 DOOR NUMBER REFERENCE, REFE < C03A WINDOW NUMBER REFERENCE, RE $\langle 1A \rangle$ WALL TYPE REFERENCE, REFER T a SIGN TYPE REFERENCE, REFER TO X' - X" TICK INDICATES DIMENSIONS TO F / OR FACE OF STRUCTURE X' - X" DOT INDICATES DIMENSION TO CEN X' - X" ARROW INDICATES DIMENSION TO -----DIMENSION X.X SPOT ELEVATION ALIGN **ARCHITECT'S STATEMENT GENERAL CONFORMANCE** ☑ THE DRAWINGS OR SHEETS LISTED ON THE C SHEET THIS DRAWING, PAGE OR SPECIFICATION/CAL HAVE BEEN PREPARED BY OTHER DESIGN PROFESS WHO ARE LICENSED AND/OR AUTHORIZED TO PREPA THE STATE. IT HAS BEEN EXAMINED BY ME FOR: 1. DESIGN INTENT AND APPEARS TO MEET TH **REQUIREMENTS OF TITLE 24, CALIFORNIA COI** AND THE PROJECT SPECIFICATIONS PREPARE 2. COORDINATION WITH MY PLANS AND SPECI ACCEPTABLE FOR INCORPORATION INTO THE PROJECT. I CERTIFY THAT: ALL DRAWINGS OR SHEETS LISTED ON THE CO THIS DRAWING OR PAGE IS/ARE IN GENERAL CONFORMANCE AND HAVE BEEN COORDINATED

C SIGNATURE

ARCHITECT IN RESPONSIBLE CHARGE: LICENSE NUMBER: EXPIRATION DATE:

				285 N Ventura Ave #102
	SHEET INDEX		PROJECT DIRECTORY	Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com
vitemper non one anterna para anterna income anterna de an	GENERAL SHEETS	ELECTRICAL & FIRE ALARM	CLIENT	
	G-000 TITLE SHEET	E100 GENERAL NOTES, ABBREVIATIONS, SYMBOLS & DRAWING LIST E101 TITLE 24 PAGE 1	OJAI UNIFIED SCHOOL DISTRICT 414 E. OJAI AVE, OJAI, CA 93023	UNSED AR CH
	G-100 GENERAL NOTES G-101 SITE / ACCESS PLAN	E102 TITLE 24 PAGE 2	DAVID ROGERS	NOC-34436
	DEMOLITION	E110 FIRST FLOOR POWER DEMOLITION PLAN E111 FIRST FLOOR LIGHTING DEMOLITION PLAN	P: (805) 640-4300	
	D-101 ROOF DEMOLITION PLAN	E112 ROOF DEMOLITION PLAN E200 EXISTING ELECTRICAL SINGLE LINE & PANEL SCHEDULES	ARCHITECT ROESLING NAKAMURA TERADA ARCHITECTS, INC.	P. OF CALLE
	D-102 LOCKER ROOM DEMOLITION SLAB PLAN D-103 LOCKER ROOM DEMOLITION FLOOR PLAN	E300 LIGHTING FIXTURE SCHEDULE E300B NLIGHT ROOM LAYOUTS	285 N VENTURA AVE, SUITE 102 VENTURA, CA 93001	
	D-104 LOCKER ROOM DEMOLITION RCP	E300C NLIGHT CUT SHEETS	CATHERINE YOUNG, NCARB P : (805) 626-5330	IDENTIFICATION STAI DIV. OF THE STATE ARC OFFICE OF REGULATION S
	ARCHITECTURAL A-101 ROOF PLAN	E302 FIRST FLOOR LIGHTING PHOTOMETRIC PLAN E303 LIGHTING FIXTURE CUT SHEETS	GEOTECHNICAL ENGINEER	OFFICE OF REGULATION S
	A-102 SLAB PLAN	E401 FIRST FLOOR POWER PLAN E421 ROOF MECHANICAL POWER PLAN	EARTH SYSTEMS	03-11846
	A-103 LOCKER RM. FLOOR PLAN & INT. FINISH SCHEDULE A-104 LOCKER ROOM REFLECTED CEILING PLAN	E501 FIRE ALARM COVER SHEET E502 FIRE ALARM MODERNIZATION - MATILIJA GYMNASIUM	1731 WALTER STREET, SUITE A VENTURA, CA 93003	ACTIN FLS TO SS DATE DEC 1 2 201
	A-210 LOCKER ROOM INTERIOR ELEVATIONS	E503 FIRE ALARM MODERNIZATION - SITE PLAN	PAT BOALES P : (805) 642-6727	
	A-301 BUILDING SECTIONS A-501 BOYS LOCKER RM ENLARGED FLOOR PLAN	E504 FIRE ALARM CALCULATIONS & RISER DIAGRAM E505 POINT TO POINT FIRE ALARM / EVACS WIRING DETAIL	STRUCTURAL ENGINEER	
	A-502 GIRLS LOCKER RM ENLARGED FLOOR PLAN		NISHKIAN CHAMBERLAIN STRUCTURAL ENGINEERS	
	A-601 LOCKER ROOM DOOR & WINDOW SCHEDULES		3710 S. ROBERTSON BLVD, SUITE 220 CULVER CITY, CA 90232	
	ARCHITECTURAL DETAILS AD-101 WALL TYPE DETAILS		CRAIG CHAMBERLAIN P : (310) 853-7180	
POINT OR	AD-111 TYPICAL WALL DETAILS		METAL ROOFING STRUCTURAL ENGINEER	OJAI
	AD-121 TYPICAL FLOOR DETAILS AD-201 TYPICAL DOOR DETAILS		MILLER CONSULTING ENGINEERS 9570 SW BARBUR BULVD, SUITE 100	UNIFIE
	AD-401 TYPICAL CEILING DETAILS	PROJECT DESCRIPTION	PORTLAND, OR 97219	SCHOO
OR SCHEDULE	AD-501 ROOF DETAILS AD-601 TYPICAL SIGNAGE DETAILS	PROJECT DESCRIPTION	LANE JOBE, PE P : (503) 246-1250	DISTRIC
WINDOW TYPES	AD-701 TYP. ACCESSIBILITY DETAILS	 REMOVE AND REPLACE ROOF OF GYMNASIUM AND LOCKER ROOMS. REMODEL (E) LOCKER ROOMS TO PROVIDE ACCESSIBLE OFFICES, 	MECHANICAL / PLUMBING	
AD106	AD-702 TYP. ACCESSIBILITY DETAILS AD-703 TYP. SITE DETAILS	RESTROOMS AND SHOWERS.	AE GROUP MECHANICAL ENGINEERS 838 EAST FRONT STREET	MATILIJ
	AD-901 MISC. DETAILS	ROOFING MATERIALS SHALL BE PURCHASED BY THE SCHOOL DISTRICT AND INSTALLED BY THE CONTRACTOR.	VENTURA, CA 93001 PHIL WHITE	JUNIOR HI
STUD, GRIDLINES	STRUCTURAL S-100 GENERAL NOTES		P : (805) 653-1722	SCHOOL C
	S-101 GENERAL NOTES AND ABBREV.	EXISTING BUILDING DATA	ELECTRICAL / FIRE ALARM	REROOFI
E	S-201 FOUNDATION PLAN S-202 ROOF FRAMING PLAN	GYM (K) LOCKER ROOM (E)	LUCCI & ASSOCIATES 3251 CORTE MALPASO # 511	AND LOCK
ISH OR CLEAR	S-400 TYPICAL FOUNDATION DETAILS S-401 TYPICAL CONCRETE DETAILS	OCCUPANCY TYPE GROUP A2.1 GROUP E1 TYPE OF CONSTRUCTION TYPE VB TYPE VB	CAMARILLO, CA 93012 KENNETH LUCCI	
	S-500 TYPICAL STEEL DETAILS S-600 TYPICAL WOOD DETAILS	SPRINKLERS NO NO	P : (805) 389-6520	703 EL PASEO F OJAI, CA 930
	S-600A TYPICAL WOOD DETAILS	ALLOWABLE AREA 6,000 SF 9,500 SF BUILDING AREA 5,000 SF 3,000 SF		
	S-600B SECTIONS AND DETAILS ROOFING	ALLOWABLE HEIGHT 40 FT (1 STORY) BUILDING HEIGHT 37 FT 12 FT		CONSTRUCT
	R-101 R-MER SPAN PANEL & ACCESSORIES			DOCUMENT
	R-102 ROOF PLAN R-103 PANEL DETAILS	APPLICABLE CODES		
	R-104 ROOF DETAILS	CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING PARTS OF THE TITLE 24		No. Description
HEET OR INDEX	R-105 ROOF DETAILS	OF THE CALIFORNIA CODE OF REGULATIONS (CCR):	VICINITY MAP	
	MECHANICAL M-100 MECHANICAL NOTES & SCHEDULES	2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, C.C.R. TITLE 24	q	
NS	M-201 MECHANICAL FLOOR PLAN	PART 1 AND 2	IL ROA	
OR CONSULTANTS	M-301 MECHANICAL ROOF PLAN EN-100 ENERGY FORMS	2016 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R. 2016 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24 PART 3		
DRAWINGS IN	PLUMBING	2016 CALIFORNIA ELECTRICAL CODE (CEC), C.C.R. TITLE 24 PART 3 2016 CALIFORNIA MECHANICAL CODE (CMC), C.C.R. TITLE 24 PART 4		
PRIATE	P-100 PLUMBING NOTES	2016 CALIFORNIA PLUMBING CODE (CPC), C.C.R. TITLE 24 PART 5 2016 CALIFORNIA ENERGY CODE, C.C.R. TITLE 24 PART 6	I K LATI	Sheet Name
EGULATIONS E, AND	P-101 PLUMBING SCHEDULE P-201 PLUMBING FLOOR PLAN	2016 CALIFORNIA HISTORICAL CODE, C.C.R. TITLE 24 PART 8 2016 CALIFORNIA FIRE CODE, C.C.R. TITLE 24 PART 9	EL PASEO ROAD	
NS AND IS RUCTION OF THE	P-301 PLUMBING ROOF PLAN P-401 ENLARGED PLUMBING FLOOR PLANS	2016 CALIFORNIA EXISTING BUILDING CODE, C.C.R. TITLE 24 PART 10 2016 CALIFORNIA GREEN BUILDING STANDARDS CODE, C.C.R. TITLE 24 PART 11		TITLE SHE
	P-402 PLUMBING DETAILS P-403 PLUMBING RISER DIAGRAMS	2016 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12		
		TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS		
R INDEX SHEET		APPLICABLE STANDARDS: 2016 CBC (FOR SFM) REFERENCED STANDARDS CHAPTER 35	KIE K	
	FLOOD HAZARD MAP	NFPA 13 AUTOMATIC SPRINKLER SYSTEMS (CALIF. AMENDED), 2016	SINE OUR ANENUE	17
		EDITION		Date 5/3
9/12/2018	FLOOD ZONE DESIGNATION:ZONE XFIRM PANEL DESIGNATION:1275	NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS, 2017 EDITION		Drawn by Checked by
E	EFFECTIVE DATE: JANUARY 20, 2010 BASE FLOOD ELEVATION: 0.0'	NFPA 24 PRIVATE FIRE SERVICE MAINS (CALIF. AMENDED), 2016 EDITION NFPA 72 NATIONAL FIRE ALARM CODE (CALIF. AMENDED), 2016 EDITION	PROJECT SITE	Sheet Number
ON CLINE	APPLICABLE COMMUNITY ORDINANCE SECTIONS: • CITY OF OJAI	NFPA 253 CRITICAL RADIANT FLUX OF FLOOR COVERINGS, 2015 EDITION	MATILIJA JUNIOR / NORTH	G-00
1/2019	VENTURA COUNTY	NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS (CALIF. AMENDED), 2015 EDITION	HIGH SCHOOL	

100

DEMOLITION NOTES

1. IDENTIFY ALL DAMAGED ELEMENTS DESIGNATED TO RE RELOCATED. REQUEST CLARIFICATION FROM THE ARCHIT PROCEEDING WITH DEMOLITION WORK.

2. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEW DEMOLITION PLANS IN RELATION TO STRUCTURAL AND CO DRAWINGS. CONTRACTOR SHALL VERIFY AND COORDINAT DEMOLITION WORK WITH NEW WORK. THE ARCHITECT SHA AND ALL CONFLICTS, DISCREPANCIES OR PROBLEMS.

3. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UTI DEMOLITION. THE CONTRACTOR SHALL BEWARE OF POTE DEMOLITION WORK NEAR UTILITIES. PIPES AND CONDUIT DEMOLISHED PARTITIONS AND AREAS WHICH ARE TO REM RE-ROUTED AND CONCEALED. THOSE WHICH ARE TO BE A CAPPED AND CONCEALED IN FLOOR, WALL OR CEILING.

4. THE GENERAL CONTRACTOR SHALL ERECT ALL NECESS AND/OR PLASTIC DROP CLOTH PARTITIONS TO PROTECT A DEMOLITION AND CONSTRUCTION ARE IN PROGRESS.

5. BRACE AND SUPPORT EXISTING WORK PRIOR TO AND D AND NEW WORK, AND UNTIL SAFE TO REMOVE SUCH BRAC THE CONTRACTOR IS RESPONSIBLE FOR ALL STRUCTURAL CALCULATIONS.

6. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION W INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ALL CONCRETE, ETC., FROM THE SITE. PROPER SHORING SHA THE SAFETY OF THE STRUCTURE AND WORKMEN.

THE OWNER SHALL HAVE FIRST RIGHTS OF REFUSAL FC MATERIALS.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DA FROM DEMOLITION AT NO ADDITIONAL COST TO THE OWN CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTE ANY PORTION OF EXISTING INSTALLATION NOT BEING REM FACILITIES INDICATED TO REMAIN WHICH ARE SO DAMAGE EQUAL TO ORIGINAL CONDITION AND TO THE SATISFACTION

9. CUT EXISTING PORTIONS OF WALLS, FLOORS, CEILINGS INDICATED AND AS NECESSARY FOR NEW WORK. UNLESS ON THESE PLANS, NO STRUCTURAL MEMBER SHALL BE CU NOR NOTCHED, WITHOUT PRIOR WRITTEN AUTHORIZATION STRUCTURAL ENGINEER, THE ARCHITECT AND THE AUTHO JURISDICTION.

10. ALL TRADES CONCERNED SHALL COORDINATE EACH C TO AND DURING DEMOLITION.

11. ANY PROJECTING OR SURFACE-MOUNTED ITEMS BEING BE REMOVED, CAPPED AND CONCEALED BEHIND FINISHED OTHERWISE NOTED. PATCH AND FINISH TO MATCH EXISTIN

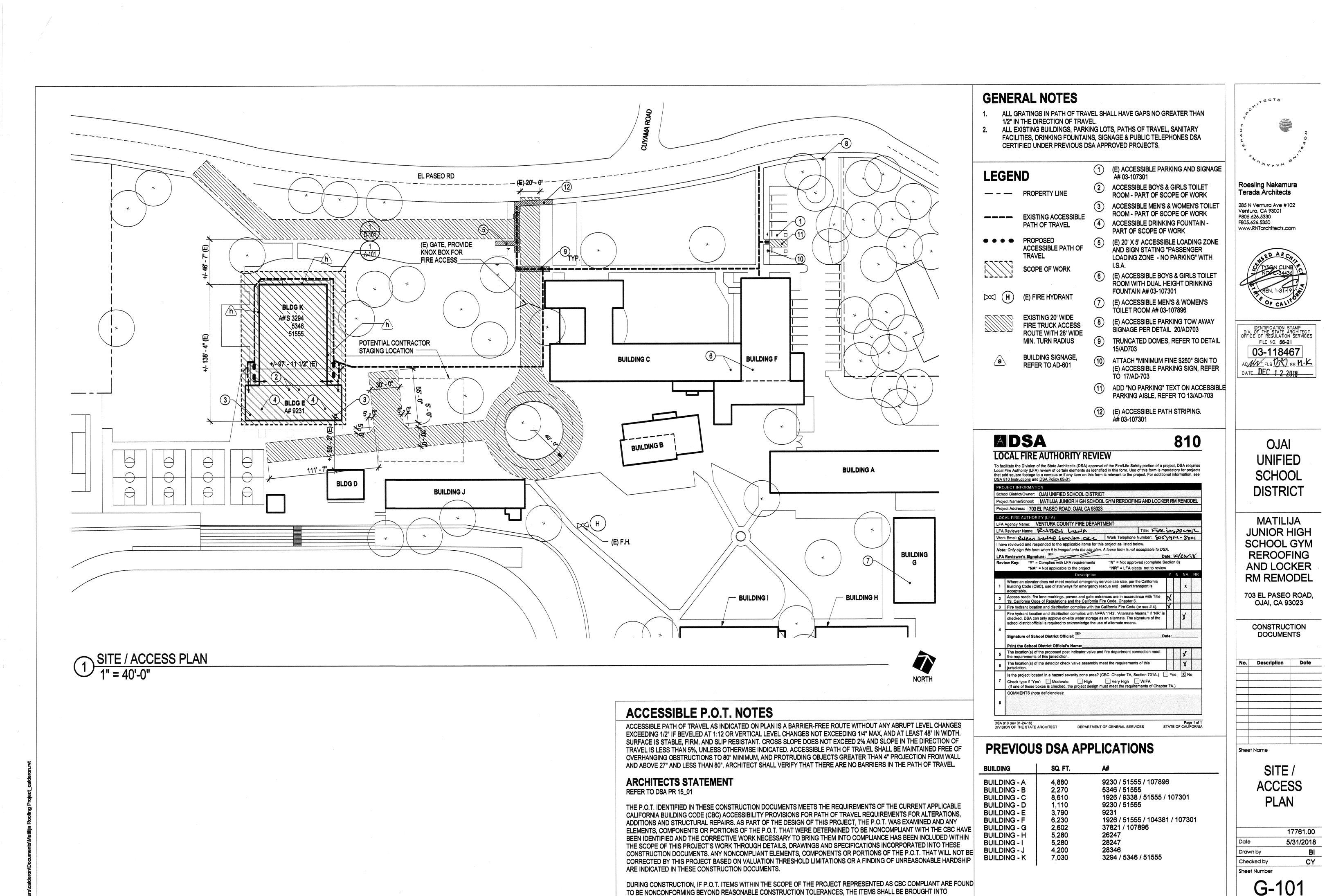
12. SURFACES WHERE MATERIAL IS REMOVED TO INSTALL RECEIVE NEW FINISH SHALL BE REPAIRED AND PATCHED TO CONDITIONS. RETEXTURE AND REPAINT WALL OR CEILING MATCH EXISTING, WITH NO EVIDENCE THAT PATCH HAS OF

13. ALL EXISTING AREAS TO REMAIN OR NEW CONSTRUCT DAMAGED SHALL BE PATCHED AS REQUIRED TO MATCH EX IN MATERIAL, FINISH AND COLOR, UNLESS OTHERWISE NO

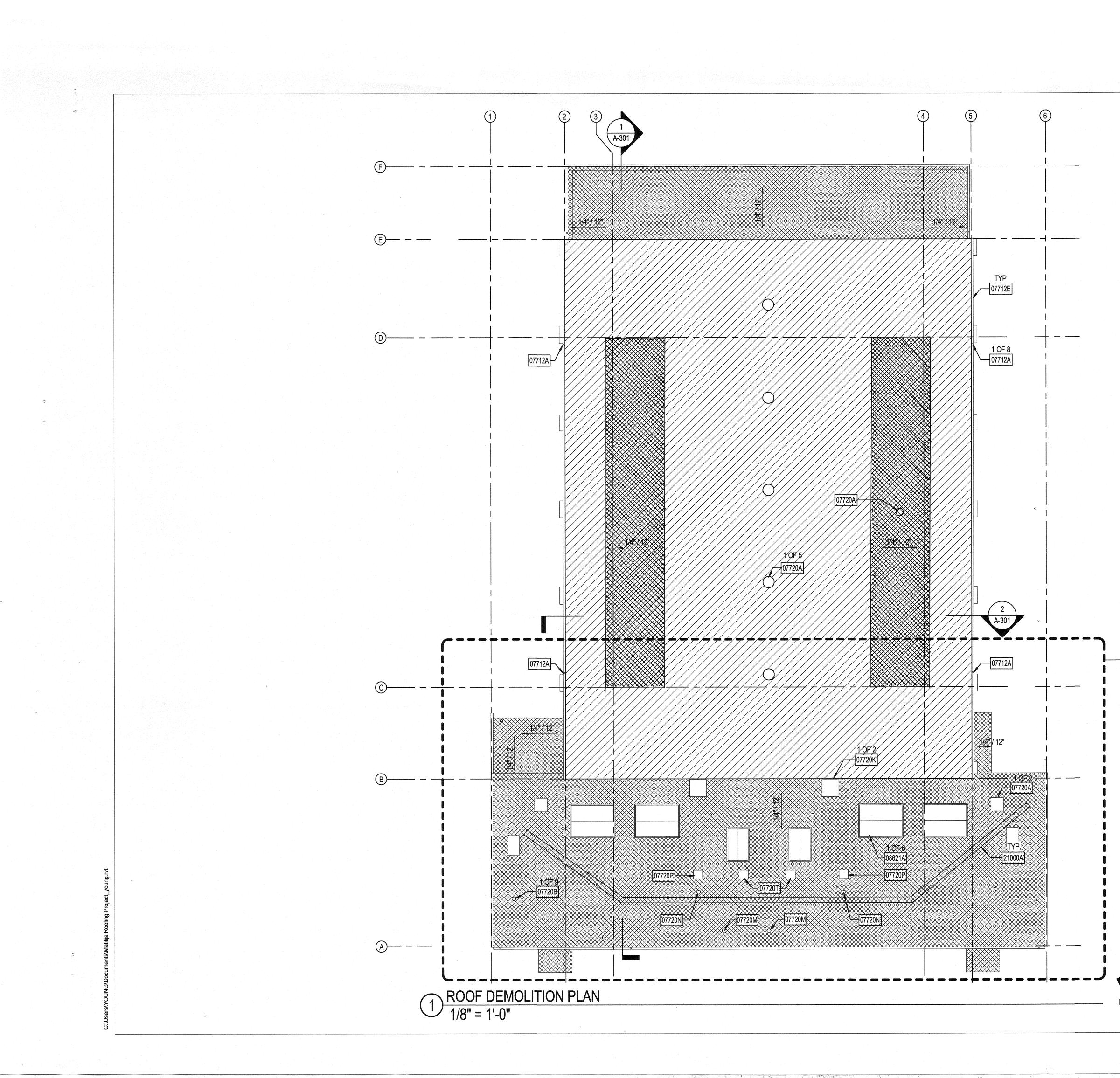
14. ALL EQUIPMENT AND MATERIAL WHICH ARE IN OPERAT REMOVED SHALL BE MAINTAINED AS SUCH AND RETURNED BE REINSTALLED WHERE INDICATED. PROPERLY RECONN RESUME OPERATION.

15. THE PROVISIONS OF CFC & CBC CHAPTER 33 SHALL BE PROJECT.

	GENERAL NOTES	FECTS
REMAIN OR BE	1. THE PROJECT MANUAL ISSUED AS PART OF THESE CONSTRUCTION DOCUMENTS IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.	& CHITECTS
WING AND VERIFYING CONSTRUCTION IATE THE EXTENT OF	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.	4 Л М А И А И 4 Л М А И А И 4 Л М А И А И 4 Л 4 Л 6 Л 1 Л 1 Л 1 Л 1 Л 1 Л 1 Л 1 Л 1
HALL BE NOTIFIED OF ANY	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.	Roesling Nakamura Terada Architects
TENTIAL HAZARDS FROM T ENCOUNTERED IN EMAIN IN USE SHALL BE E ABANDONED SHALL BE	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.	285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com
SSARY TEMPORARY SOLID AREAS TO REMAIN WHILE	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.	TYSON CLINE
DURING DEMOLITION ACING AND SUPPORTS. AL SHORING DESIGN AND	6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.	REN. 1-31-19
WORK REQUIRED	7. DO NOT SCALE ANY DRAWINGS IN THIS SET.	OF CALIF
L DEBRIS, BROKEN ALL BE EXECUTED FOR	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.	IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21
FOR ALL DEMOLISHED DAMAGE RESULTING /NER. THE GENERAL 'ECT AND NOT TO DAMAGE	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.	03-118467 ACA: A.FLS (54) SS M.K. DATE DEC 1 2 2018
EMOVED. ANY EXISTING GED SHALL BE REPLACED	10. THE ARCHITECT IS NOT RESPONSIBLE FOR ASBESTOS ABATEMENT.	
ION OF THE OWNER. GS, ETC., WHERE GS SPECIFICALLY SHOWN CUT, NEITHER DRILLED	11. 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.	OJAI
ON FROM THE HORITY HAVING	12. 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.	UNIFIED SCHOOL
OTHER'S WORKS PRIOR	13. CONTRACTOR SHALL ENSURE ALL FINISH MATERIALS WILL BE FLUSH WHERE NEW FINISH SURFACE MATERIALS JOIN EXISTING TO PROVIDE SMOOTH TRANSITION.	DISTRICT
ED SURFACES, UNLESS TING ADJACENT SURFACE. LL NEW WORK OR TO D TO MATCH ORIGINAL NG WHERE PATCHED TO OCCURRED. CTION WORK THAT ARE EXISTING ADJACENT AREA IOTED.	14. 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	MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER RM REMODEL 703 EL PASEO ROAD, OJAI, CA 93023
ATING CONDITION WHEN ED TO THE OWNER OR TO INECT EQUIPMENT TO	COMPLETE WATERTIGHT INSTALLATION. 15. THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION OR RECONSTRUCTION IS TO BE IN	CONSTRUCTION DOCUMENTS
BE ENFORCED ON THIS	ACCORDANCE WITH THE TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY EXISTING CONDITIONS SUCH AS DETERIORATION OR NON-COMPLYING CONSTRUCTION BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT	No. Description Date
	DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CONSTRUCTION CHANGE DOCUMENT (CCD), OR A SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED	
	BY DIVISION OF THE STATE ARCHITECT (DSA) BEFORE PROCEEDING WITH THE WORK. {REFERENCE : SECTION 4-317 (c), CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24, CCR)}	
	16. DURING CONSTRUCTION PERIOD, CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. THE LOAD SHALL NOT EXCEED THE DESIGN LIVE LOADS FOR EACH PARTICULAR LEVEL.	Sheet Name
		GENERAL
		NOTES
		17761.00 Date 5/31/2018
		Drawn by Bl Checked by CY
		Sheet Number
		G-100



TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.



- AFTER REMOVAL OF ROOFING, THE ARCHITECT WILL REVIEW THE EXISTING PLYWOOD SUBSTRATE. IF PORTIONS OF PLYWOOD REQUIRE REPLACEMENT, THE ARCHITECT WILL IDENTIFY AND PROVIDE WRITTEN DIRECTION TO THE CONTRACTOR TO AUTHORIZE THE WORK. SUCH COSTS WILL BE APPLIED <u>AGAINST ALLOWANCE NO. 1</u>.
- 2. EXISTING ROOFING MATERIALS SCHEDULED FOR DEMOLITION HAVE BEEN TESTED AND BEEN FOUND NOT TO CONTAIN ASBESTOS. THIS DOES NOT GUARANTEE THAT ALL ROOFING MATERIALS WILL BE FREE OF ASBESTOS. IF ASBESTOS IS FOUND, COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS FOR ASBESTOS ABATEMENT.
- 3. DO NOT CUT INTO EXISTING PLYWOOD ROOF SHEATHING DURING ROOFING DEMOLITION. ANY PLYWOOD CUT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PER DSA APPROVED DETAILS.
- 4. DETACH UTILITIES FROM SUPPORTS AND TEMPORARILY SUPPORT AS REQUIRED TO REMOVE AND REPLACE ROOFING.
- 5. REMOVE ALL EXISTING ROOF JACKS AT PIPE OR CONDUIT PENETRATIONS AND PREP TO RECEIVE NEW SEALED PENETRATION
- PENETRATIONS AND PREPTO RECEIVE NEW SEALED PENETRATION
 PER DETAIL 7/A-501.
 6. FOR DIMENSIONS REFER TO A-103 .

LEGEND



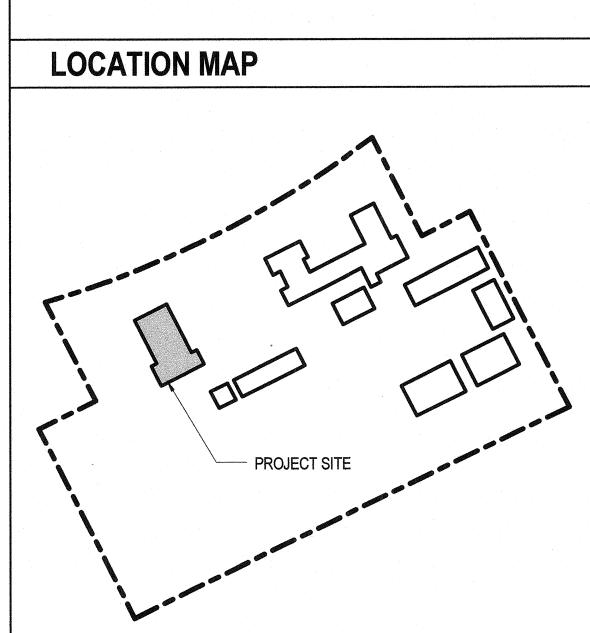
DEMOLISH (E) ASHPALT SHINGLE ROOF TO WOOD SHEATHING

DEMOLISH (E) MEMBRANE ROOF TO WOOD SHEATHING

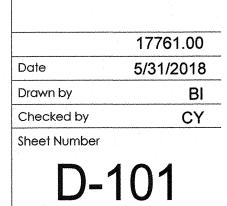
(E) CONCRETE WALL

KEYNOTES

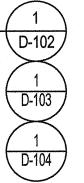
07712A	(E) DOWNSPOUT TO REMAIN, PROTECT IN PLACE
07712E	REMOVE (E) GUTTER
07720A	PROTECT IN PLACE, (E) EXHAUST FAN TO REMAIN
07720B	(E) ROOF VENT PIPE, PROTECT IN PLACE
07720K	(E) MECHANICAL DUCT, PROTECT IN PLACE
07720M	DEMOLISH (E) FLUE AND PATCH OPENING
07720N	REMOVE (E) FLUE
07720P	REMOVE AND STORE (E) EXHAUST FAN. PATCH OPENING, REFER TO STRUCTURAL
07720T	DEMOLISH (E) EXHAUST FAN AND PATCH OPENING, REFER TO STRUCTURAL
08621A	(E) SKYLIGHT, PROTECT IN PLACE
21000A	PROTECT IN PLACE (E) UTILITY



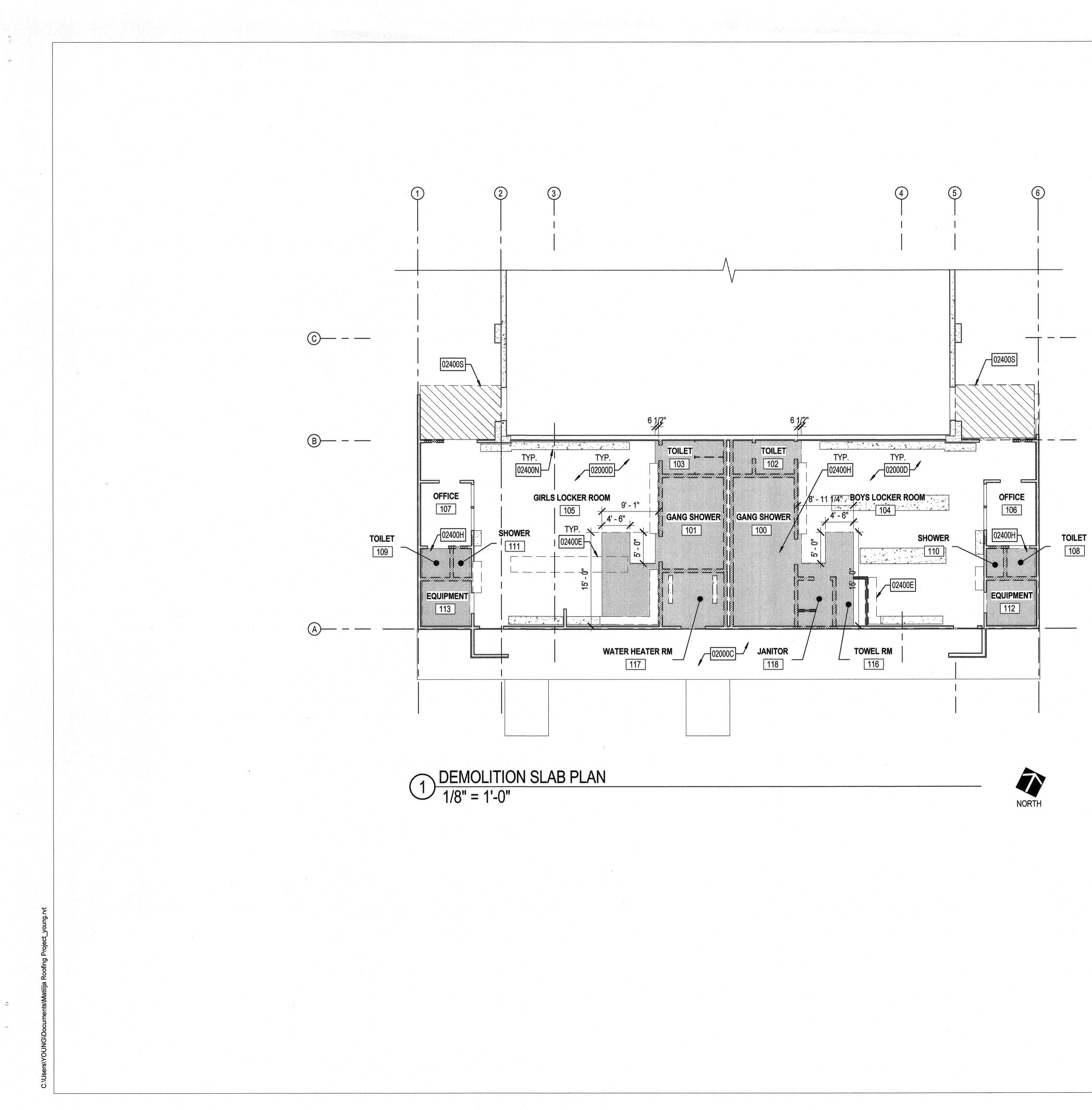
TECTS WANA Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 ACTION FLS (A) SS M.K. DATE DEC 1 2 2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date Sheet Name ROOF DEMOLITION



PLAN







ONLY DEMOLISH NON-STRUCTURAL BUILDING ELEMENTS OF INTERIOR 1.

SPACES INDICATED WITHIN THE RENOVATION SCOPE OF WORK. RECORD DRAWINGS FOR EXISTING BUILDING ARE AVAILABLE. NO 2. GUARANTEE IS MADE AS TO ACCURACY OF DRAWINGS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS. 3.

NO LOAD BEARING WALL, SHEAR WALL, EXTERIOR WALL, WOOD/ STEEL POST SHALL BE REMOVED UNLESS THE LOCATION & DETAILS ARE SHOWN ON STRUCTURAL DRAWINGS.

LEGEND

(E) CONCRETE WALL A

DEMOLISH EXISTING WALL - NON-LOAD BEARING / SHEAR

DEMOLISH EXISTING WALL - LOAD BEARING

DEMOLISH ITEM

(E) WALL



(E) SLAB TO BE DEMOLISHED



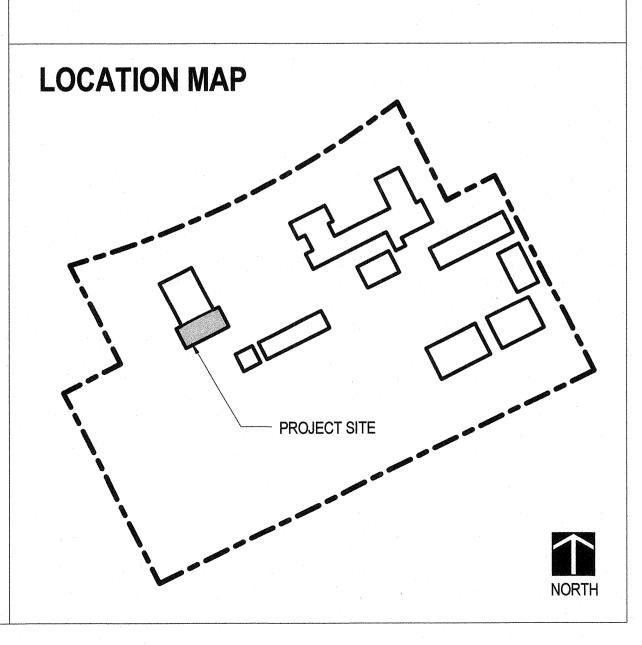
(E) CURB, PROTECT IN PLACE

KEYNOTES

02000C (E) CONCRETE WALKWAY, PROTECT IN PLACE 02000D GRIND EXISTING SLAB, PATCH AND FILL DEPRESSIONS AS REQUIRED 02400E DEMOLISH (E) CONCRETE LOCKER BASE. REMOVE AND STORE

.

LOCKERS 02400H DEMOLISH (E) CONCRETE SLAB-ON-GRADE 02400N (E) CONCRETE LOCKER CURB 02400S DEMOLISH (E) CONCRETE WALK

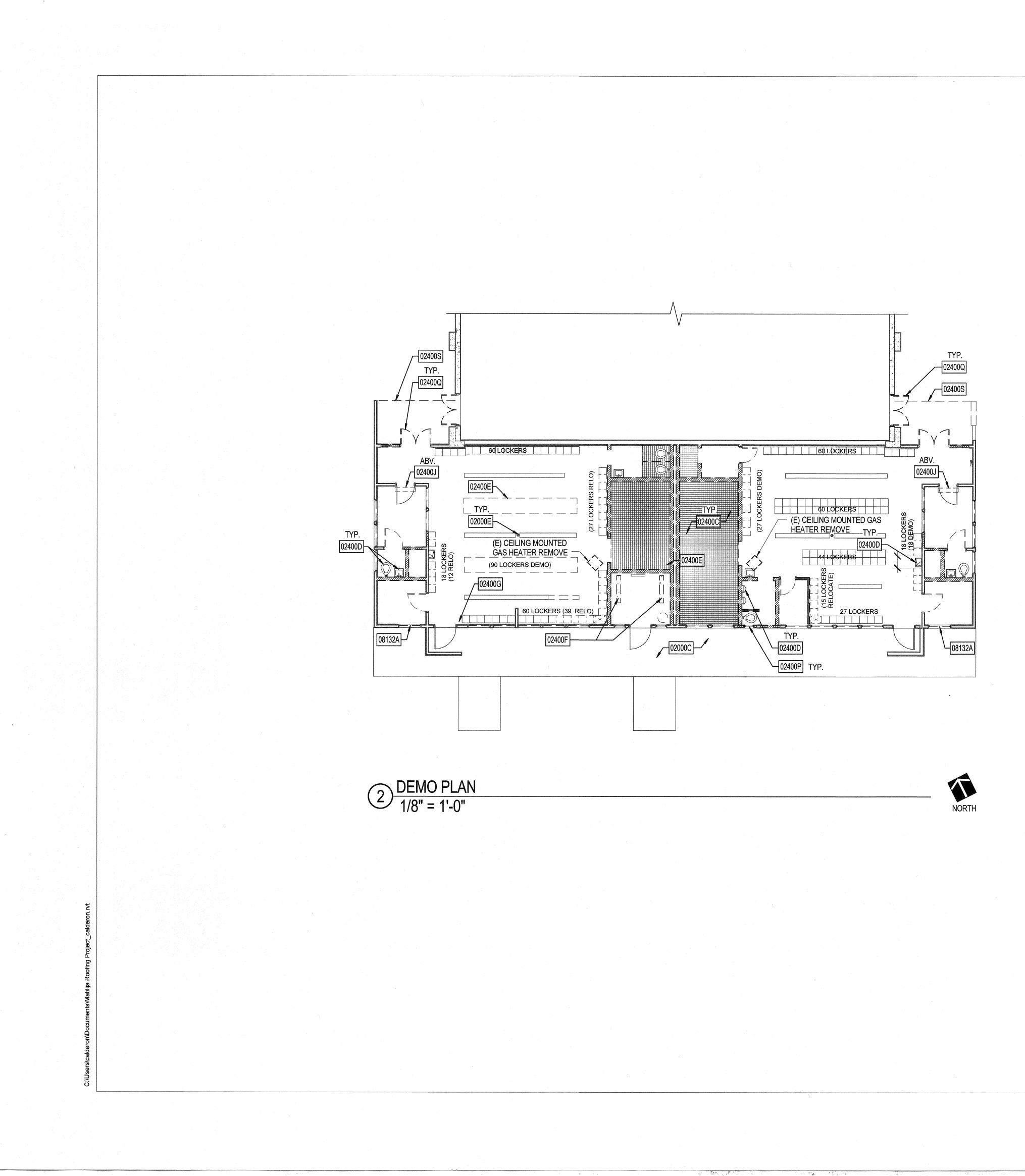


WAHAL Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 ACNIN FLS DATE DEC 1 2 2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date

FECTS

LOCKER ROOM DEMOLITION SLAB PLAN 17761.00 5/31/2018 Date Drawn by BI CY Checked by Sheet Number D-102

Sheet Name



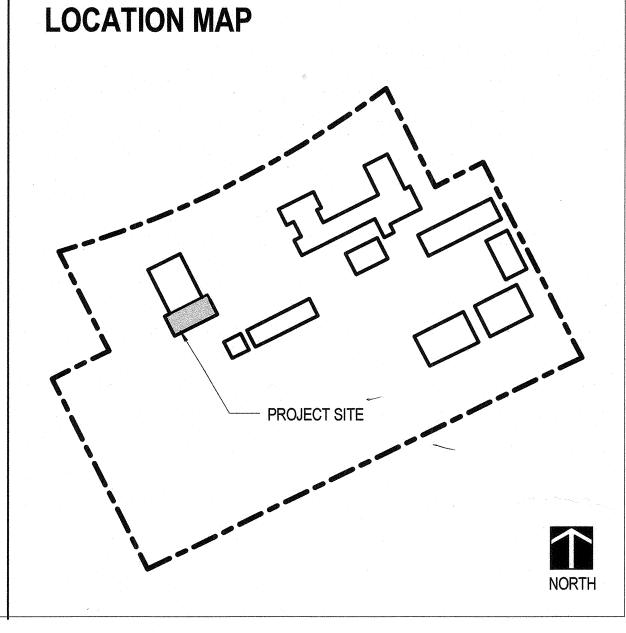
- ONLY DEMOLISH NON-STRUCTURAL BUILDING ELEMENTS OF INTERIOR 1.
- SPACES INDICATED WITHIN THE RENOVATION SCOPE OF WORK. RECORD DRAWINGS FOR EXISTING BUILDING ARE AVAILABLE. NO 2. GUARANTEE IS MADE AS TO ACCURACY OF DRAWINGS. CONTRACTOR
- SHALL VERIFY EXISTING CONDITIONS. NO LOAD BEARING WALL, SHEAR WALL, EXTERIOR WALL, WOOD/ STEEL
- POST SHALL BE REMOVED UNLESS THE LOCATION & DETAILS ARE SHOWN ON STRUCTURAL DRAWINGS.

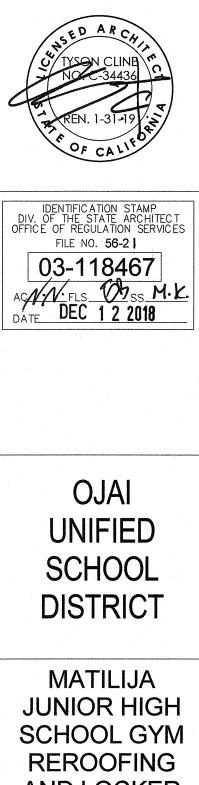
LEGEND

	(E) CONCRETE WALL
	(E) WALL
	DEMOLISH (E) WINDOW
<i>\</i>	DEMOLISH EXISTING WALL - NON -LOAD BEARING / SHEAR
	DEMOLISH EXISTING LOAD BEARING WALL
	DEMOLISH ITEM
	(E) TILE FLOORING TO BE DEMOLISHED
(marging and the second se	(E) ELECTRICAL PANEL, PROTECT IN PLACE

KEYNOTES

	02000C	(E) CONCRETE WALKWAY, PROTECT IN PLACE
	02000E	(E) STEEL COLUMN, PROTECT IN PLACE
	02400C	DEMOLISH (E) FLOOR TILES
	02400D	DEMOLISH (E) PLUMBING FIXTURE
	02400E	DEMOLISH (E) CONCRETE LOCKER BASE. REMOVE AND STORE LOCKERS
	02400F	DEMOLISH (E) CONCRETE BOILER SUPPORT WALL
	02400G	DEMOLISH (E) PLASTER FINISH AND PLYWOOD SUBSTRATE WHERE WATER DAMAGE OCCURS
	02400J	(E) FAN COIL UNIT, PROTECT IN PLACE
	02400P	DEMOLISH (E) WINDOW
	02400Q	DEMOLISH (E) DOOR
	02400S	DEMOLISH (E) CONCRETE WALK
	08132A	(E) WINDOW TO BE REMOVED & INFILLED





ECTS

NANA

Roesling Nakamura Terada Architects

285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330

www.RNTarchitects.com

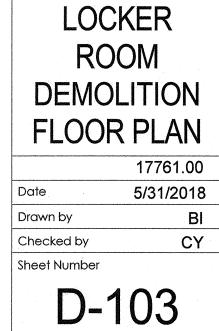
F805.626.5350

AND LOCKER **RM REMODEL**

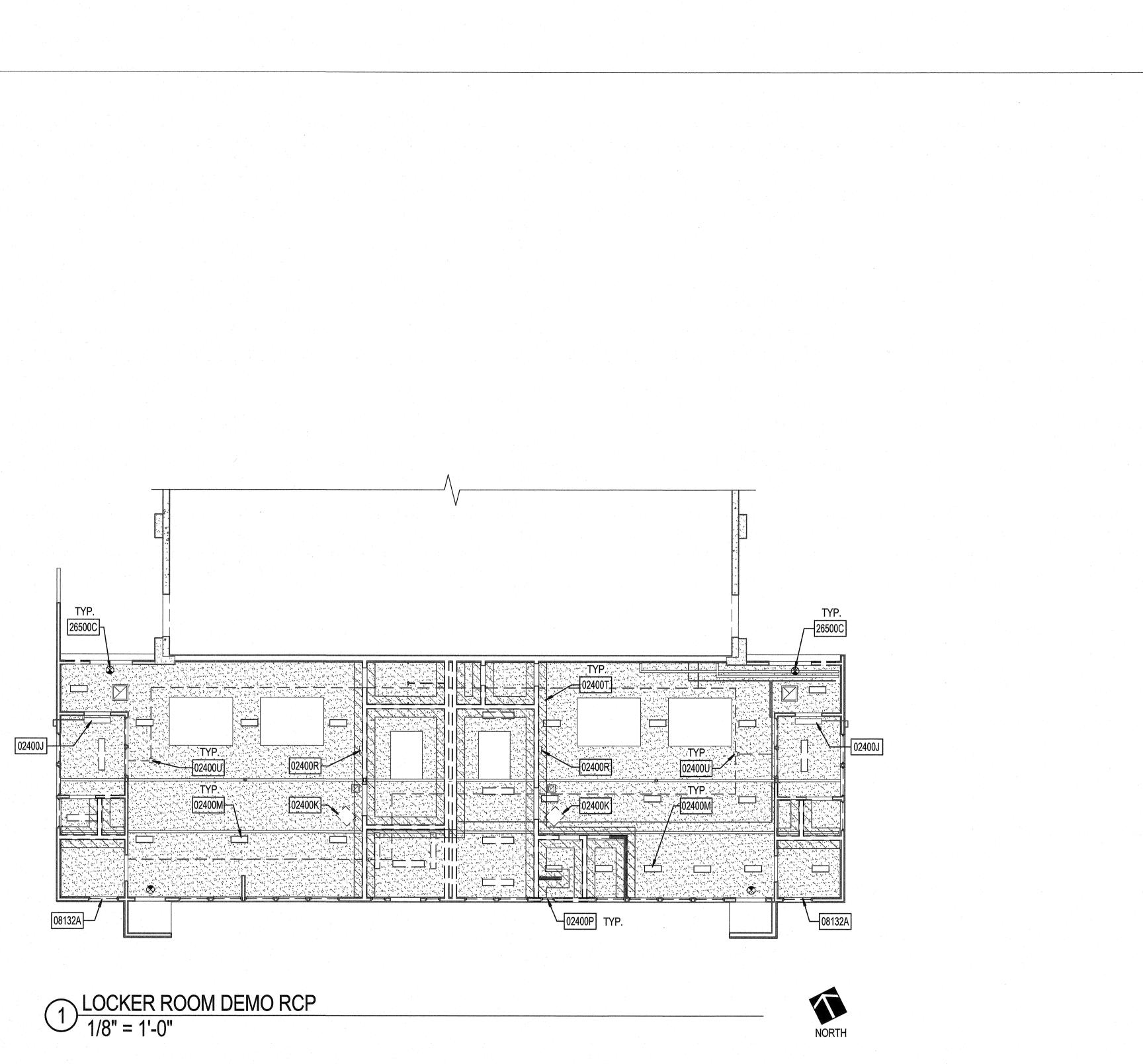
703 EL PASEO ROAD, OJAI, CA 93023

CONSTRUCTION DOCUMENTS





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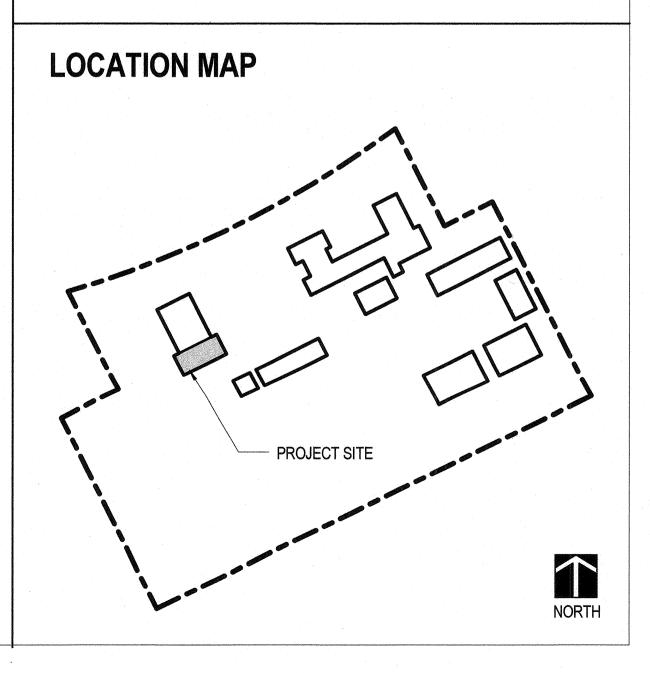
- DO NOT DEMOLISH STRUCTURAL BUILDING ELEMENTS UNLESS NOTED OTHERWISE ON STRUCTURAL DRAWINGS. CONTRACTOR SHALL VERIFY EXISTING CONDITIONS REFER TO MECHANICAL, ELECTRICAL, PLUMBING DEMOLITION PLANS
- 2.
- 3.
- HARD CEILING SUPPORTED BY ROOF RAFTERS. 4

DEMO LEGEND

tertaine posteriorie diversion anticide externition statement	DEMOLISH EXISTING PARTITION WALL
	DEMOLISH ITEM
	EXISTING WALL, PROTECT IN PLACE
1979-94-95-94-95	EXISTING PLASTER CEILING, PROTECT IN PLACE
	PATCH AND REPAIR PLASTER AS REQUIRED TO MATCH (E) REF. 5 / AD-401
	DEMOLISH (E) WINDOW

KEYNOTES

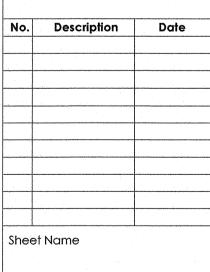
02400J	(E) FAN COIL UNIT, PROTECT IN PLACE
02400K	DEMOLISH (E) CEILING MOUNTED UNIT
02400M	DEMOLISH (E) LIGHT FIXTURE
02400P	DEMOLISH (E) WINDOW
02400R	(E) SPEAKER, REMOVE AND STORE FOR REINSTALLATION ON CEILING
02400T	PATCH PLASTER WHERE INTERIOR PARTITION WALLS HAVE BEEN DEMOLISHED
02400U	DEMOLISH (E) FIRE ALARM DEVICE AND ASSOCIATED CONDUIT
08132A	(E) WINDOW TO BE REMOVED & INFILLED
26500C	DEMOLISH (E) EXIT SIGN

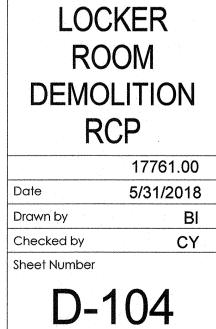


IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 AC// M.FLS (7)7 SS M.K. DATE DEC 1 2 2018 OJAI UNIFIED SCHOOL DISTRICT

MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL**

703 EL PASEO ROAD, OJAI, CA 93023



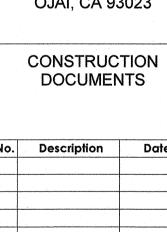


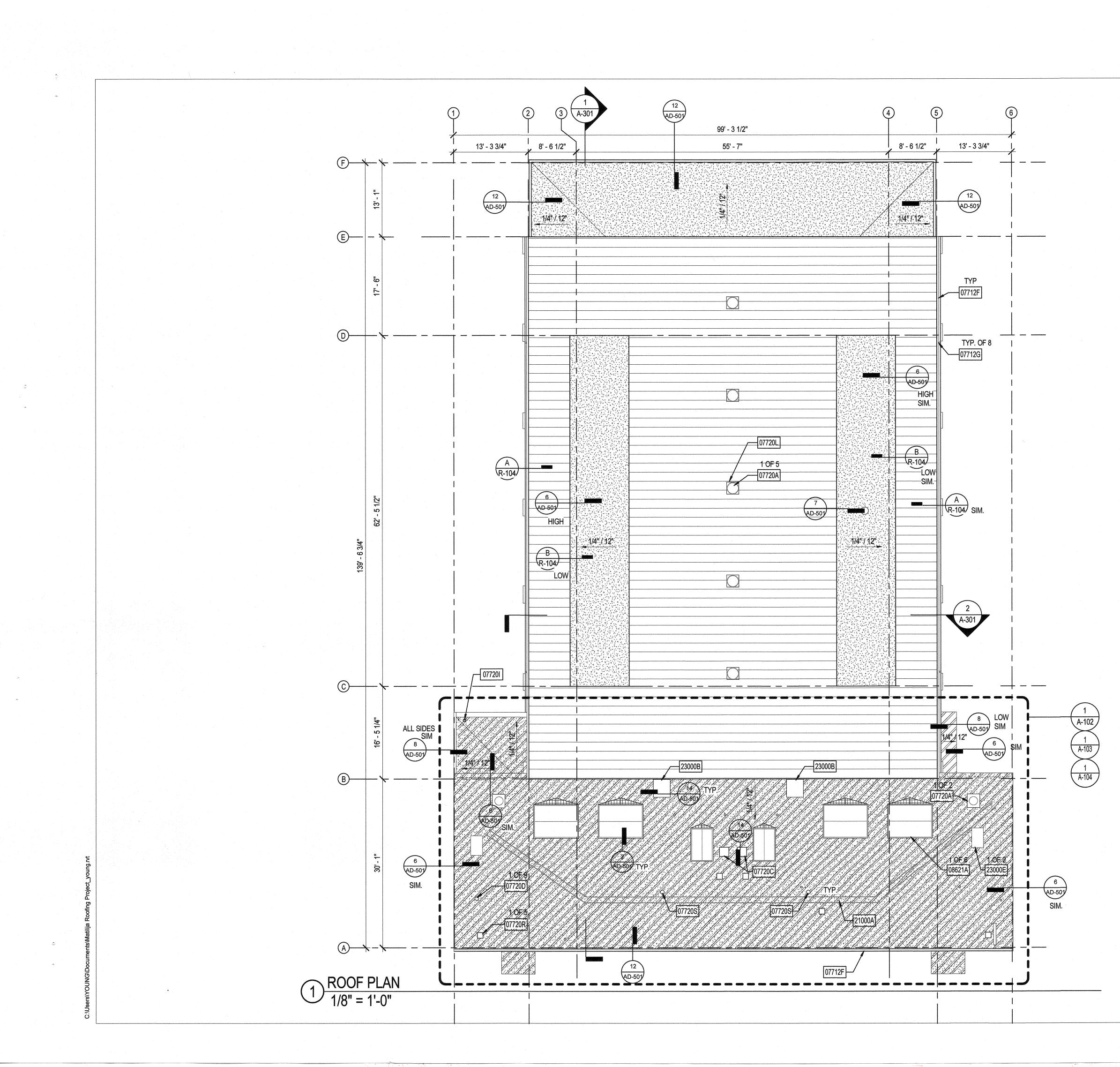


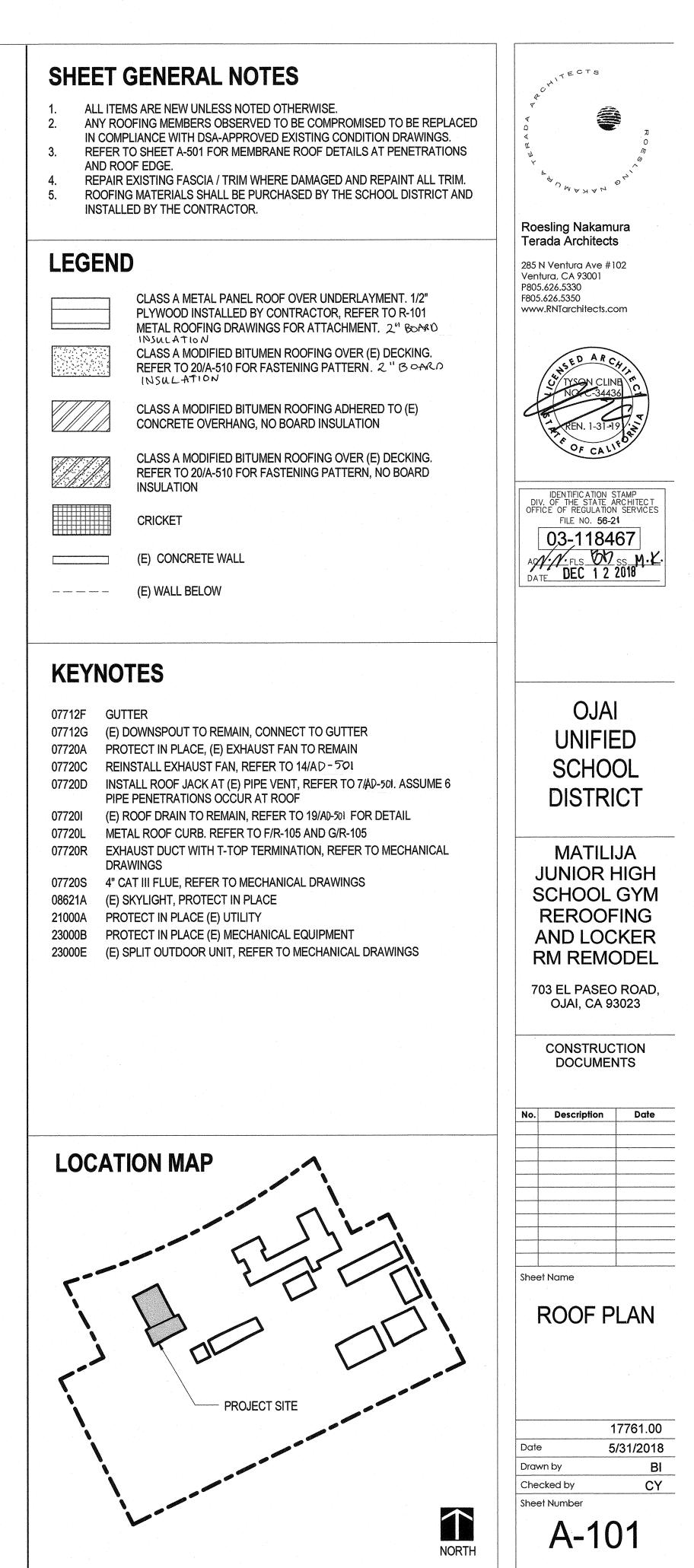
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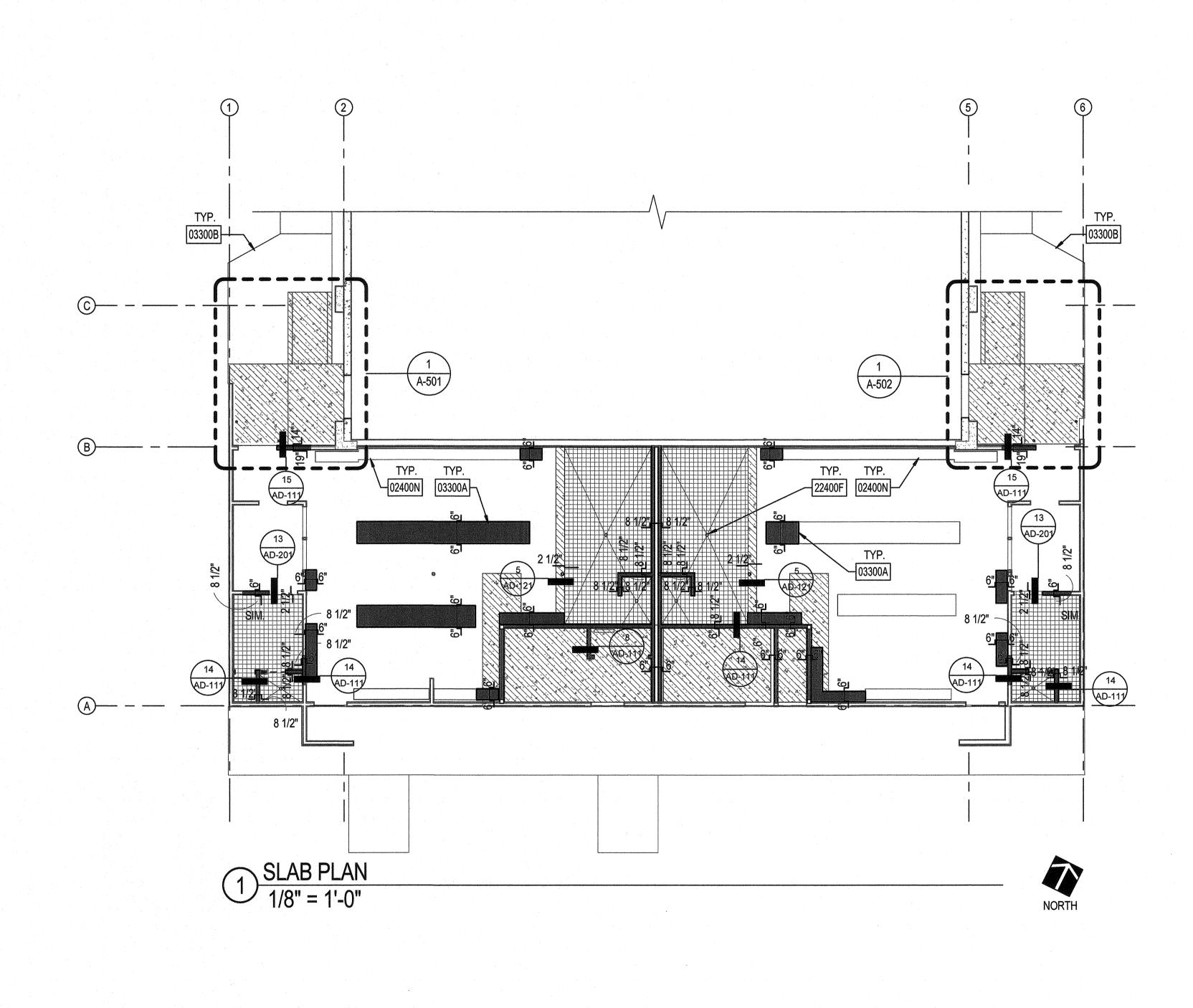
Roesling Nakamura Terada Architects

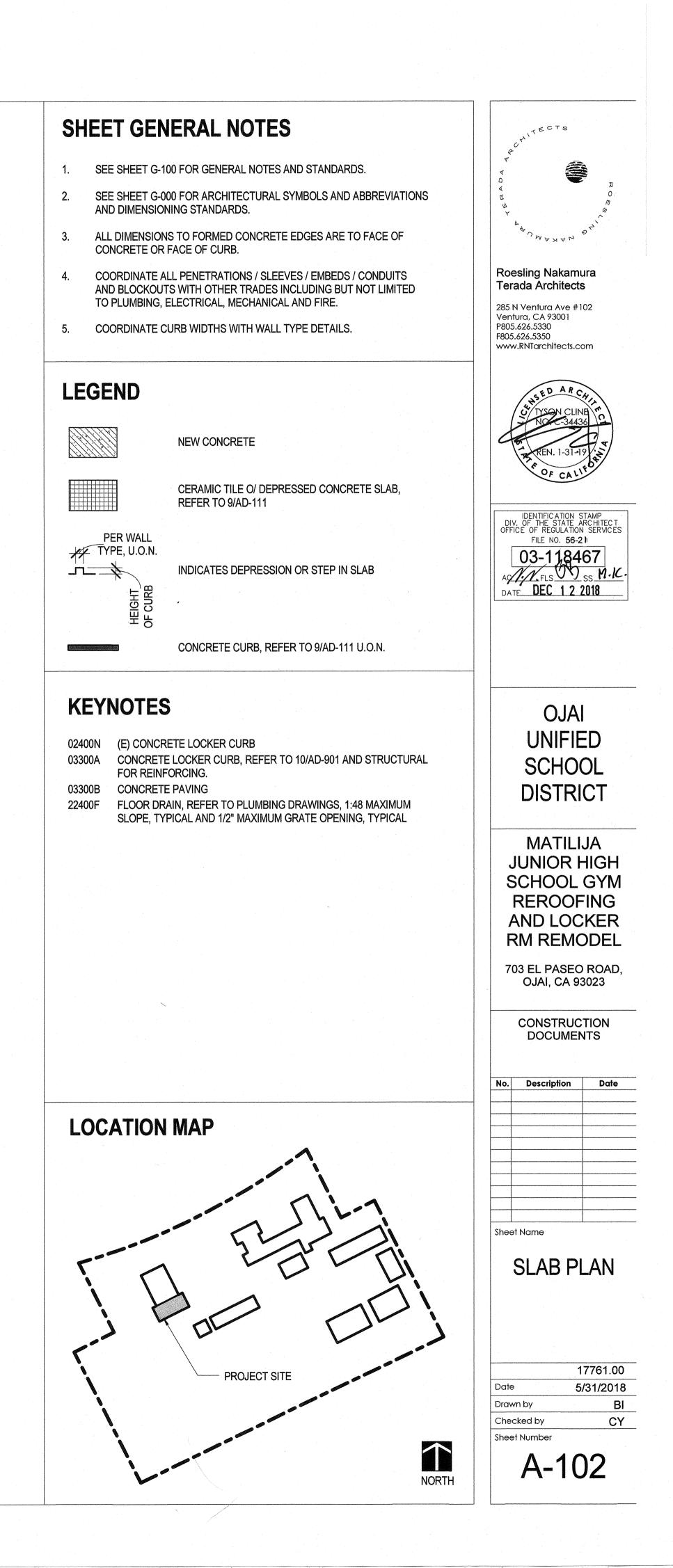


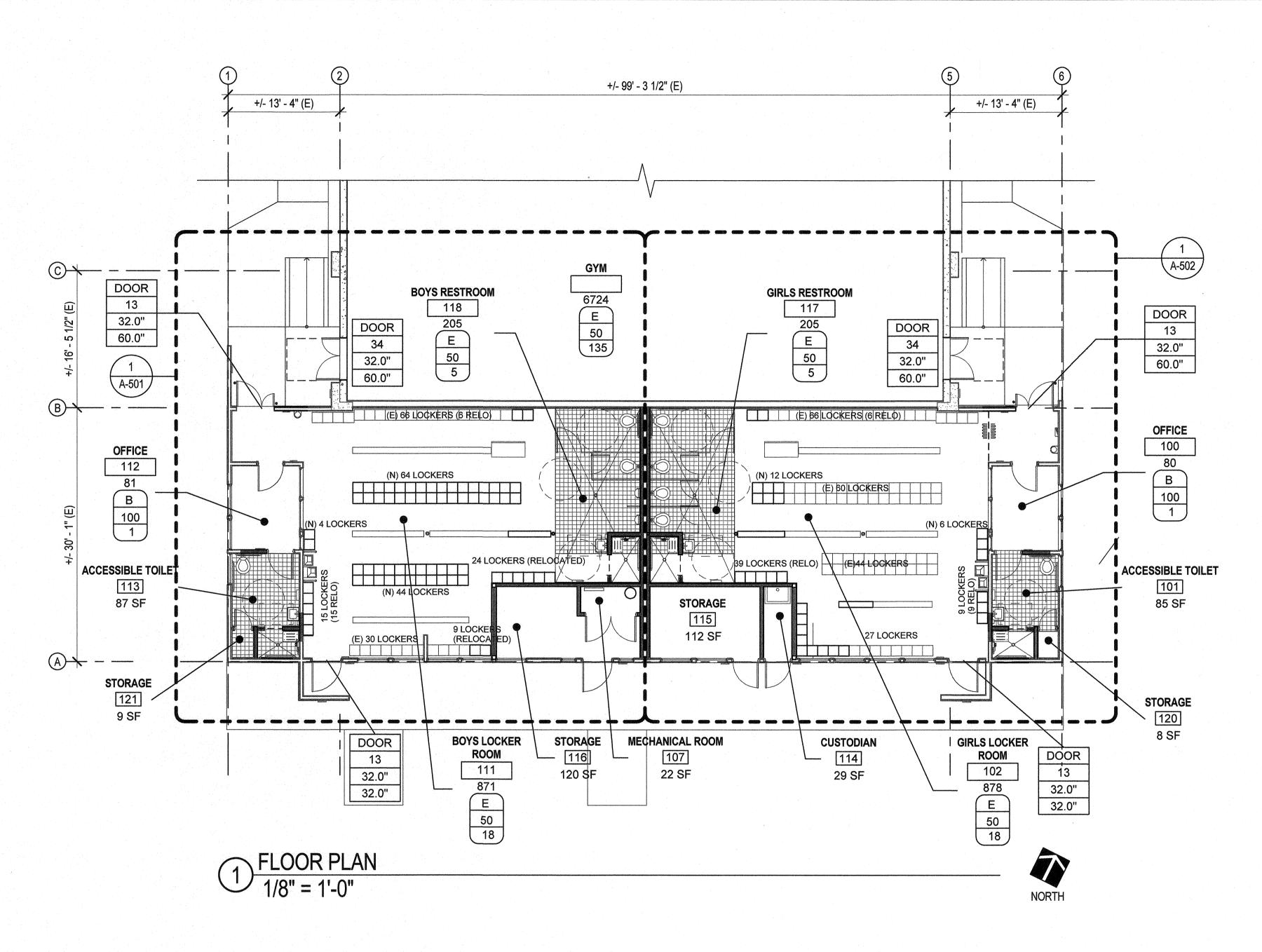




NORTH

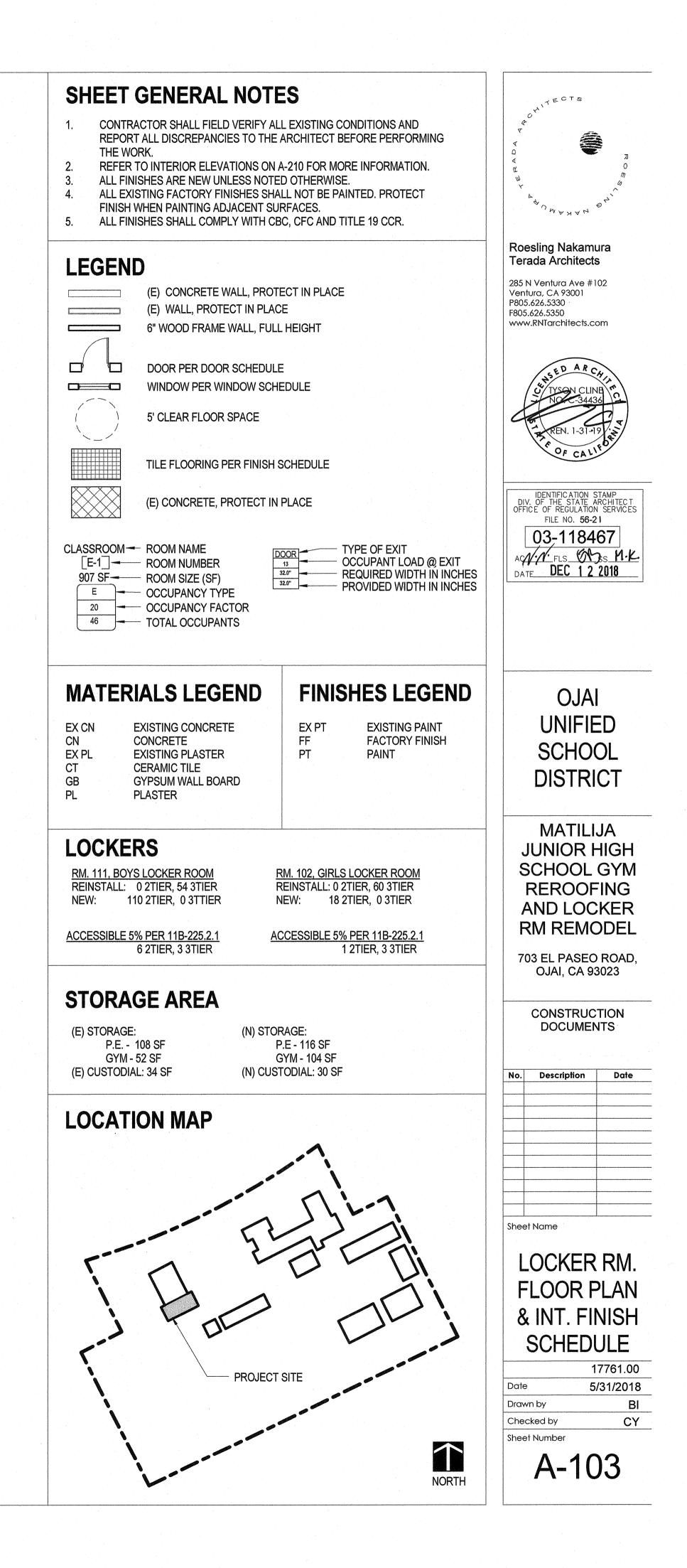


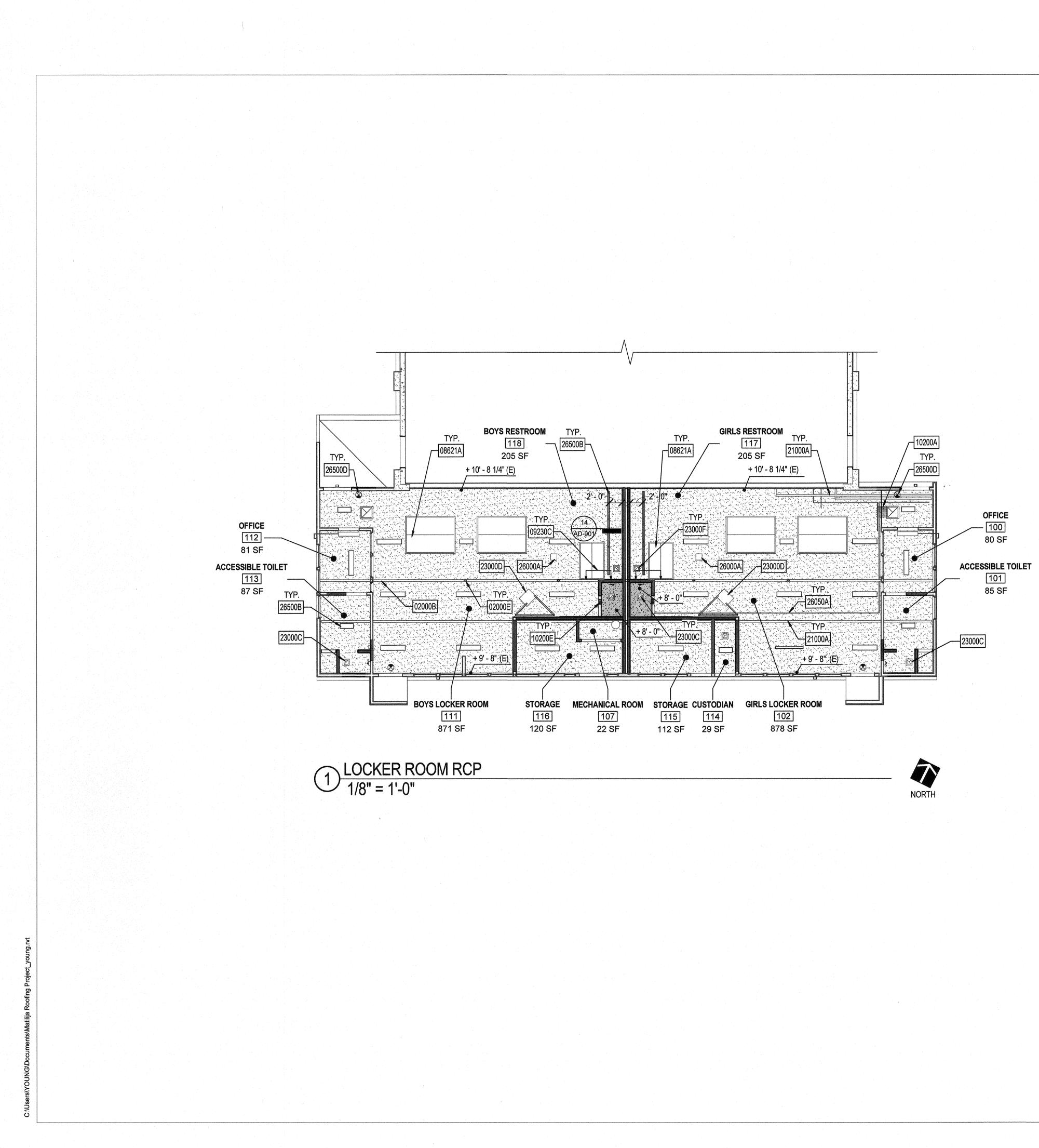


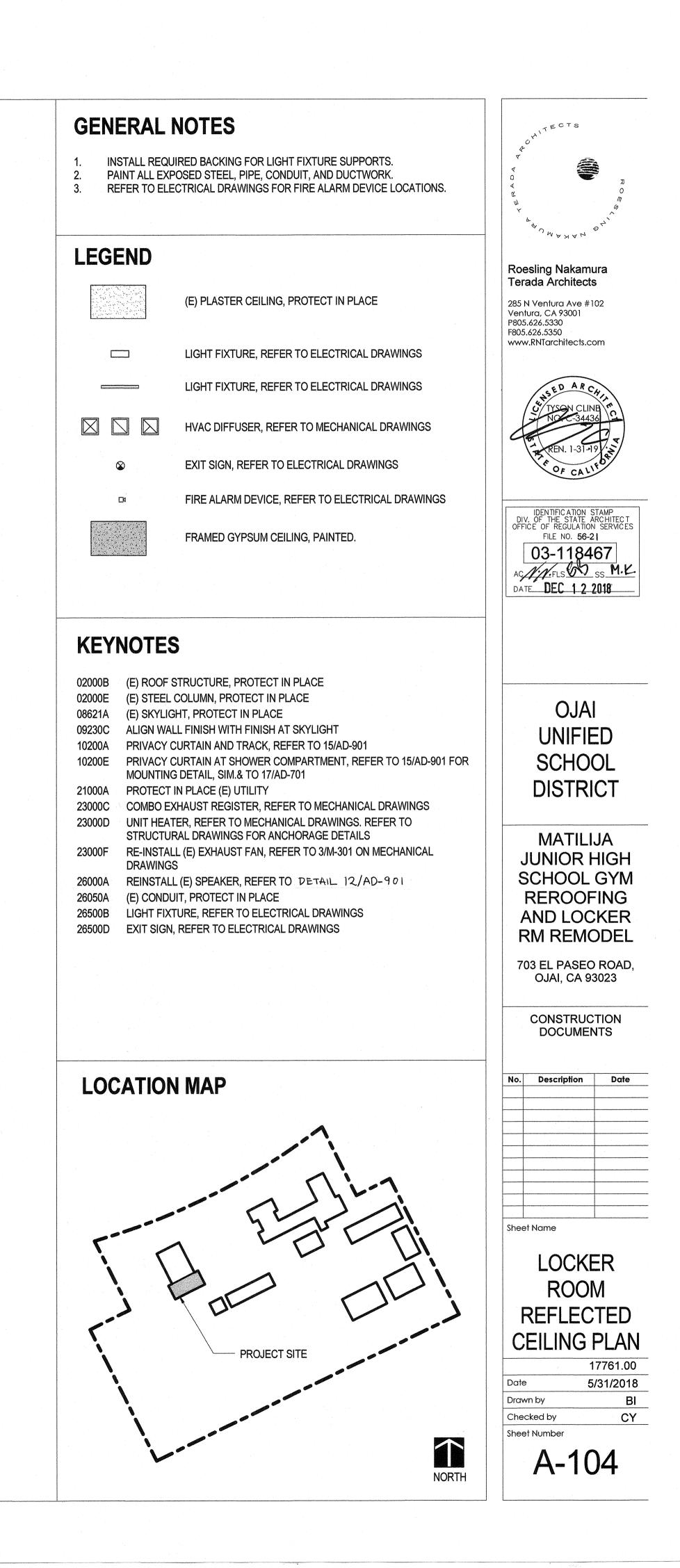


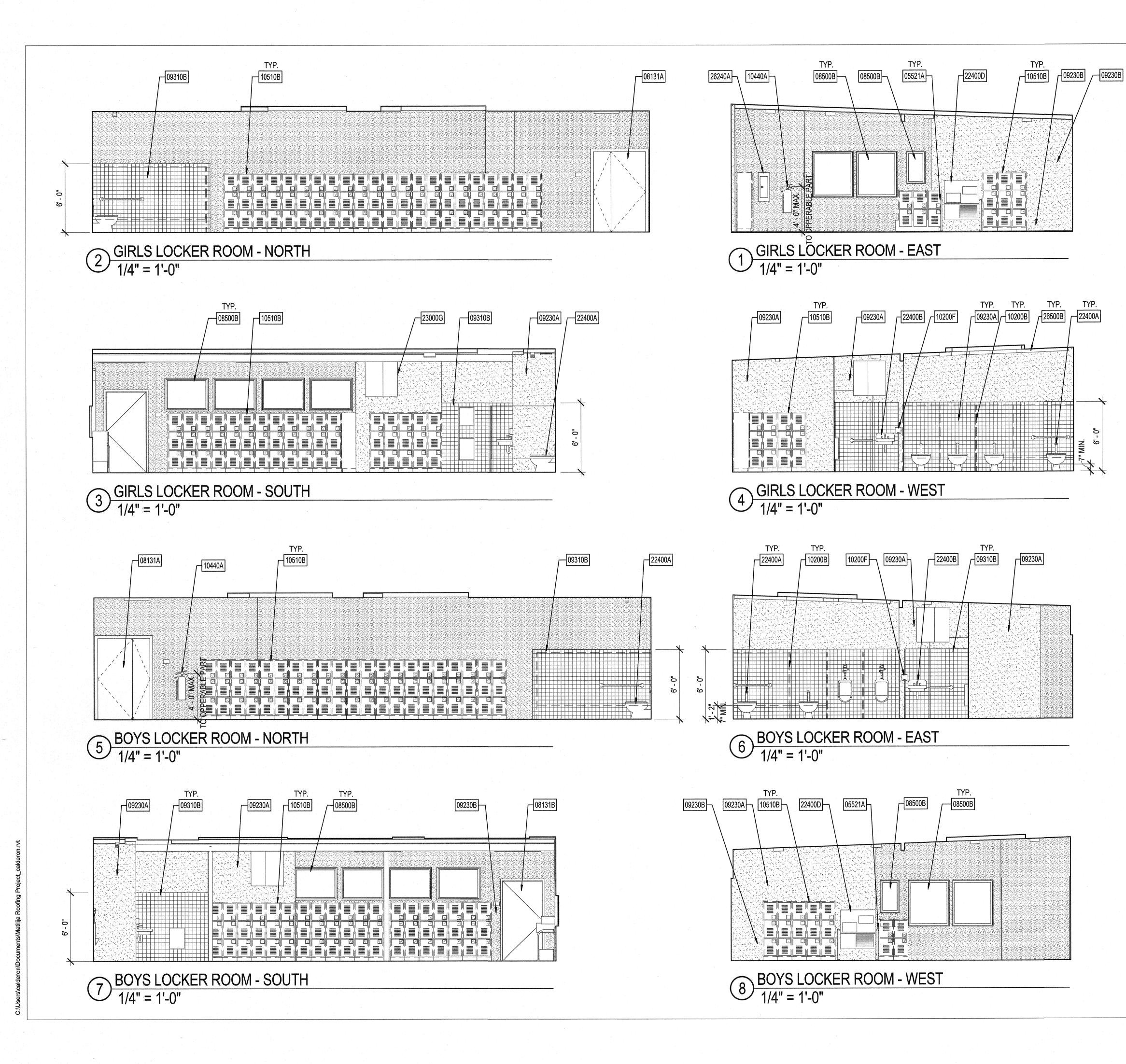
INTERIOR FINISH SCHEDULE																
		FLOOR		BASE		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING		
ROOM#		MAT.	FINISH	BASE MATERIAL	BASE FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	FINISH	MAT.	CEILING FINISH	REMARKS
	GYM										e de la construcción de la constru La construcción de la construcción d					
100	OFFICE	EX CN	EX PT	EX PL / CN	EX PT / PT	EX PL	EX PT	EX PL / EX CN	EX PT	EX PL / PL	EX PT / PT	EX PL	EX PT	EX PL	PT	
101	ACCESSIBLE TOILET	СТ	FF	СТ	FF	EX PL / PL / GB / CT	EX PT / PT / FF	EX PL / CT	EX PT / FF	EX PL / GB / CT	EX PT / PT / FF	EX PL / CT	EX PT / FF	EX PL	PT	
102	GIRLS LOCKER ROOM	EX CN	PT	EX PL / CN	EX PT / PT	EX PL / PL	EX PT / PT	EX PL / EX CN / PL	EX PT / PT	EX PL / CN / GB	EX PT / PT	GB	PT	EX PL	PT	
107	MECHANICAL ROOM	CN	PT			GB	PT	EX PL	EX PT	GB	PT	GB	PT	EX PL	PT	
111	BOYS LOCKER ROOM	EX CN	EX PT	EX PL / CN	EX PT / PT	EX PL / PL	EX PT / PT	GB	PT	EX PL / EX CN / GB	EX PT / PT	EX PL / EX CN / PL	EX PT / PT	EX PL	PT	
112	OFFICE	EX CN	EX PT	EX PL / CN	EX PT / PT	EX PL	EX PT	EX PL	EX PT	EX PL / PL	EX PT / PT	EX PL / EX CN	EX PT	EX PL	PT	
113	ACCESSIBLE TOILET	CT	FF	CT	FF	EX PL / PL / GB / CT	EX PT / PT / FF	EX PL / PL / CT	EX PT / PT / FF	EX PL / GB / CT	EX PT / PT / FF	EX PL / CT	EX PT / FF	EX PL	PT	
114	CUSTODIAN	CN	PT		-	GB	PT	GB	PT	EX PL / EX CN	EX PT	GB	PT	EX PL	PT	
115	STORAGE	CN	PT	-		GB	PT	GB	PT	EX PL / EX CN	EX PT	EX PL	EX PT	EX PL	PT	
116	STORAGE	CN	PT		-	GB	PT	EX PL / GB	EX PT / PT	EX PL / EX CN	EX PT	GB	PT	EX PL	PT	
117	GIRLS RESTROOM	СТ	FF	СТ	FF	EX PL / CT	EX PT / FF		-	GB / CT	PT / FF	GB / CT	PT / FF	EX PL	PT	
118	BOYS RESTROOM	СТ	FF	СТ	FF	EX PL / CT	EX PT / FF	GB / CT	PT / FF	GB / CT	PT / FF	-		EX PL	PT	
120	STORAGE	СТ	FF	СТ	FF	GB	PT	GB	PT	EX PL	PT	EX PL	PT	EX PL	PT	
121	STORAGE	СТ	FF	СТ	FF	GB	PT	GB	PT	EX PL	PT	EX PL	PT	EX PL	PT	

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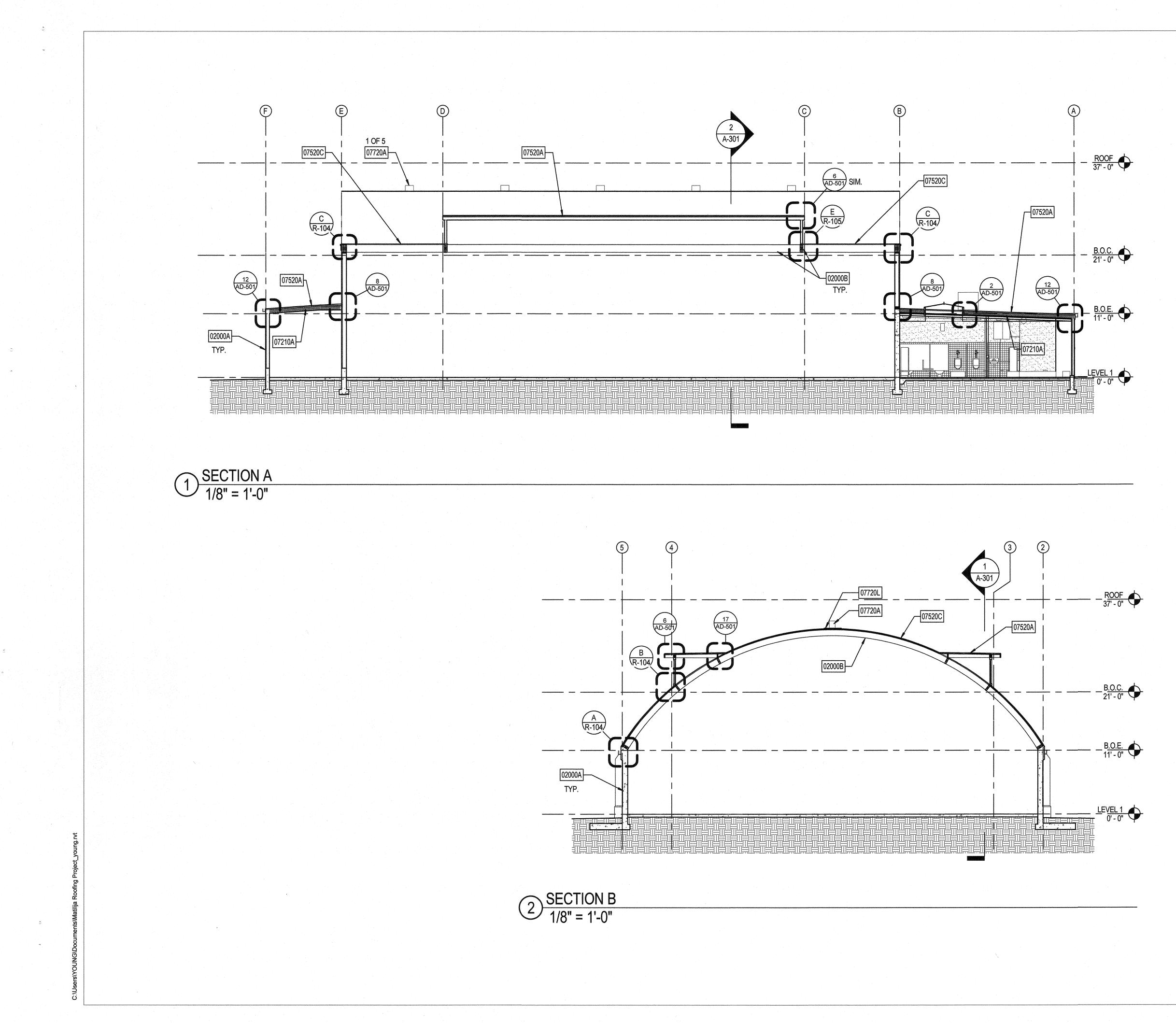




			Roesling Nakamura Terada Architects
			285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com
			TYSON CLINE NOT-34436
			IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 ACMM. FLS 502 SS M.K. DATE DEC 1 2 2018
KEYNOTES			OJAI
08131A DOOR, REFER 08131B (E) DOOR, PRO 08500B WINDOW, REF 09230A INSTALL PLYW	JNTAIN GUARDRAIL AND GRAB BAR TO DOOR SCHEDULE DTECT IN PLACE ER TO WINDOW SCHEDULE, WINDOWS 100A & YOOD SUBSTRATE AND PLASTER FINISH, P		UNIFIED SCHOOL DISTRICT
09310B CERAMIC WAL 10200B TOILET PARTI 10200F SOAP DISPEN 10440A RELOCATE (E) 10510B 2-TIER LOCKE 22400A ADA TOILET 22400B ADA LAVATOF 22400D HIGH / LOW AI 23000G MECHANICA E	ER AS NEEDED, PAINT TO MATCH DISTRIC L TILE TION, REFER TO 5/AD-702 FOR BACKING DE SER) PORTABLE FIRE EXTINGUISHER R, REFER TO 10/AD-901	TAILS	MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER RM REMODEL 703 EL PASEO ROAD, OJAI, CA 93023
26500B LIGHT FIXTUR	E, REFER TO ELECTRICAL DRAWINGS		CONSTRUCTION DOCUMENTS
	PROJECT SITE	NORTH	No. Description Date Image: Section of the section of t

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WAXAL



KEYNOTES

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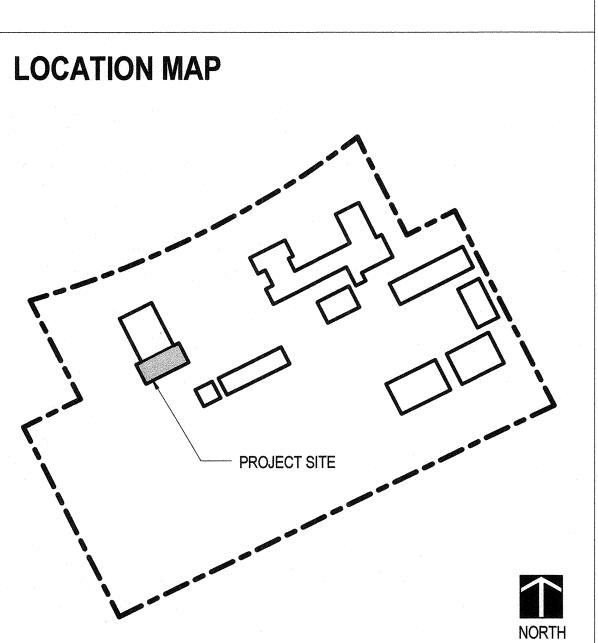
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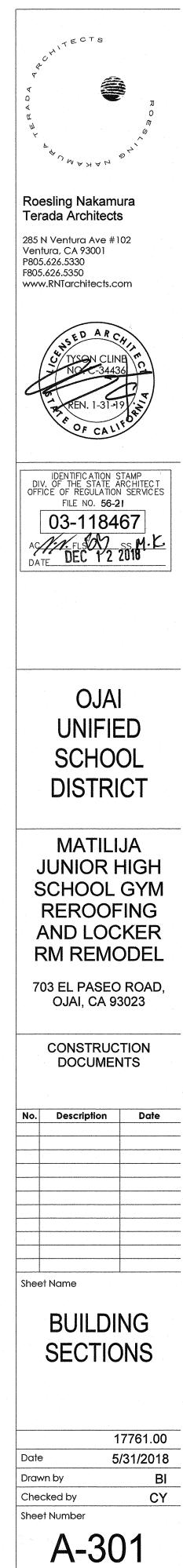
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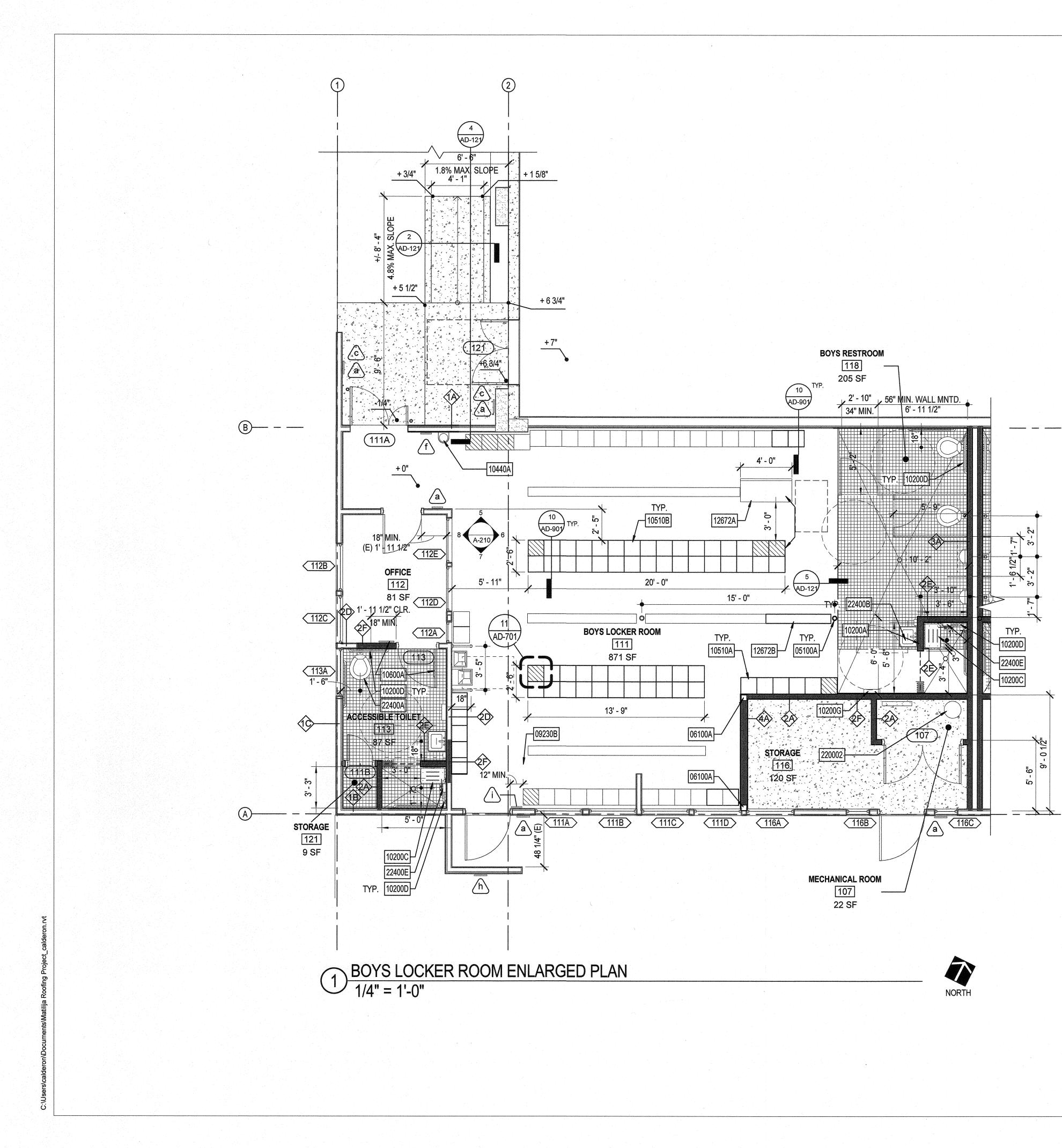
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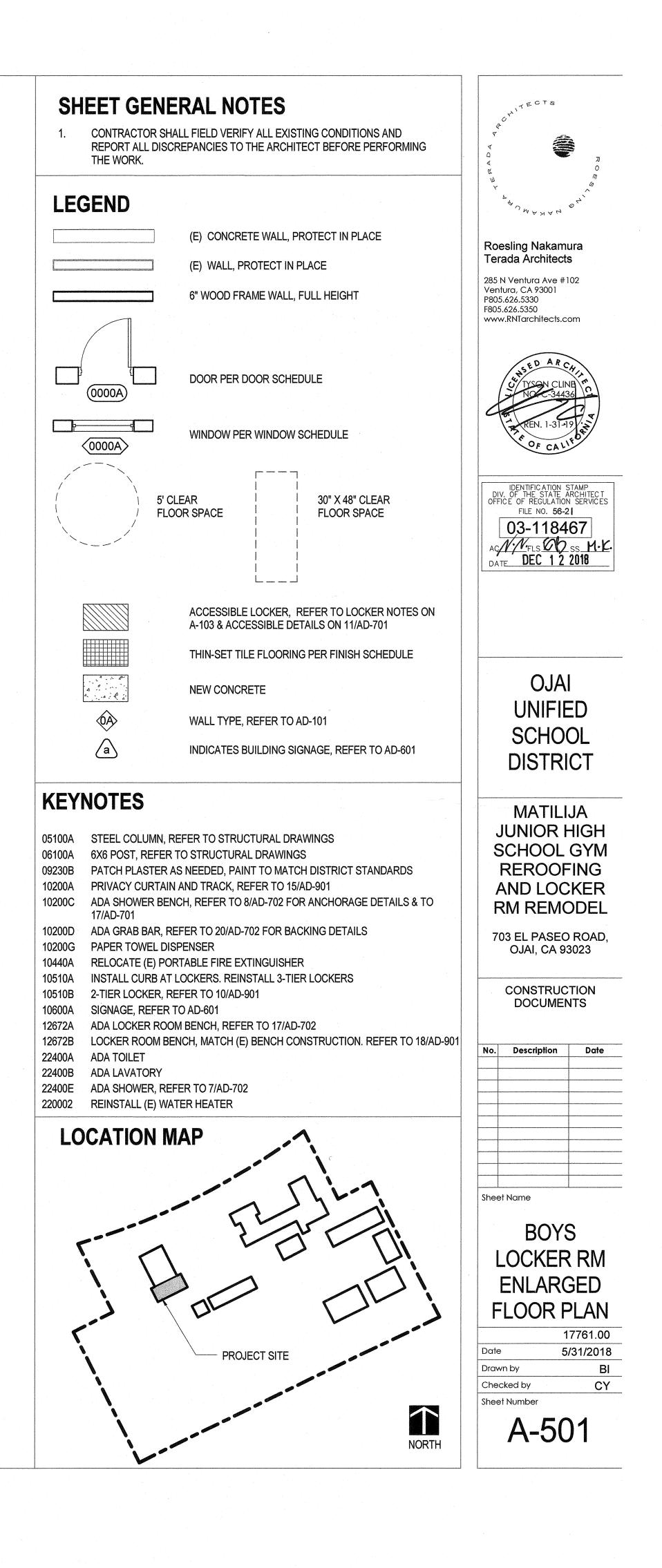
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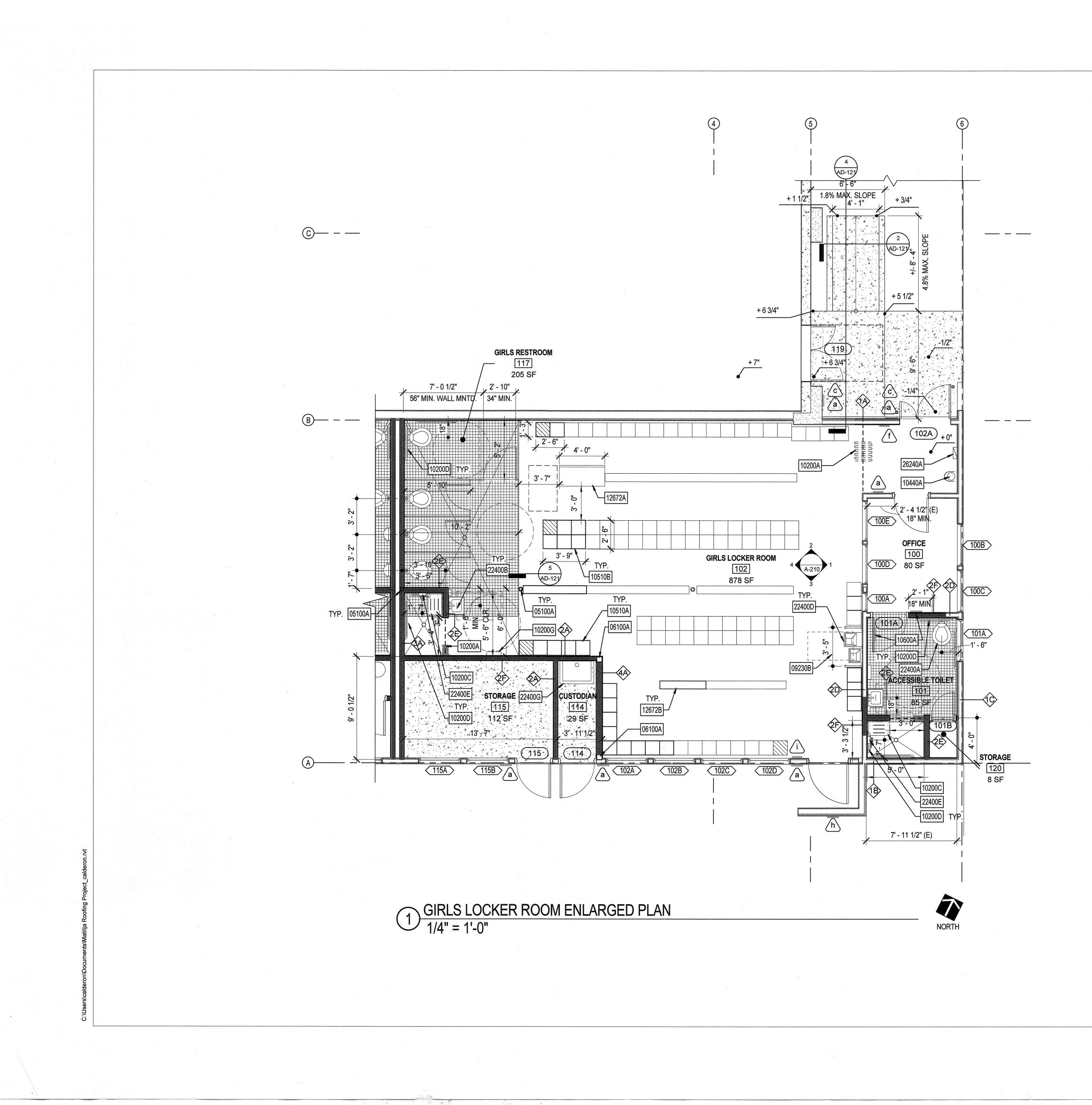
(E) WALL, PROTECT IN PLACE
(E) ROOF STRUCTURE, PROTECT IN PLACE
(E) INSULATION, REFER TO ALLOWANCE 1 FOR REPLACEMENT OF DAMAGED INSULATION
MEMBRANE ROOFING, REFER TO A-103 LEGEND
METAL PANEL ROOF, REFER TO A-103 LEGEND
PROTECT IN PLACE, (E) EXHAUST FAN TO REMAIN
METAL ROOF CURB. REFER TO F/R-105 AND G/R-105

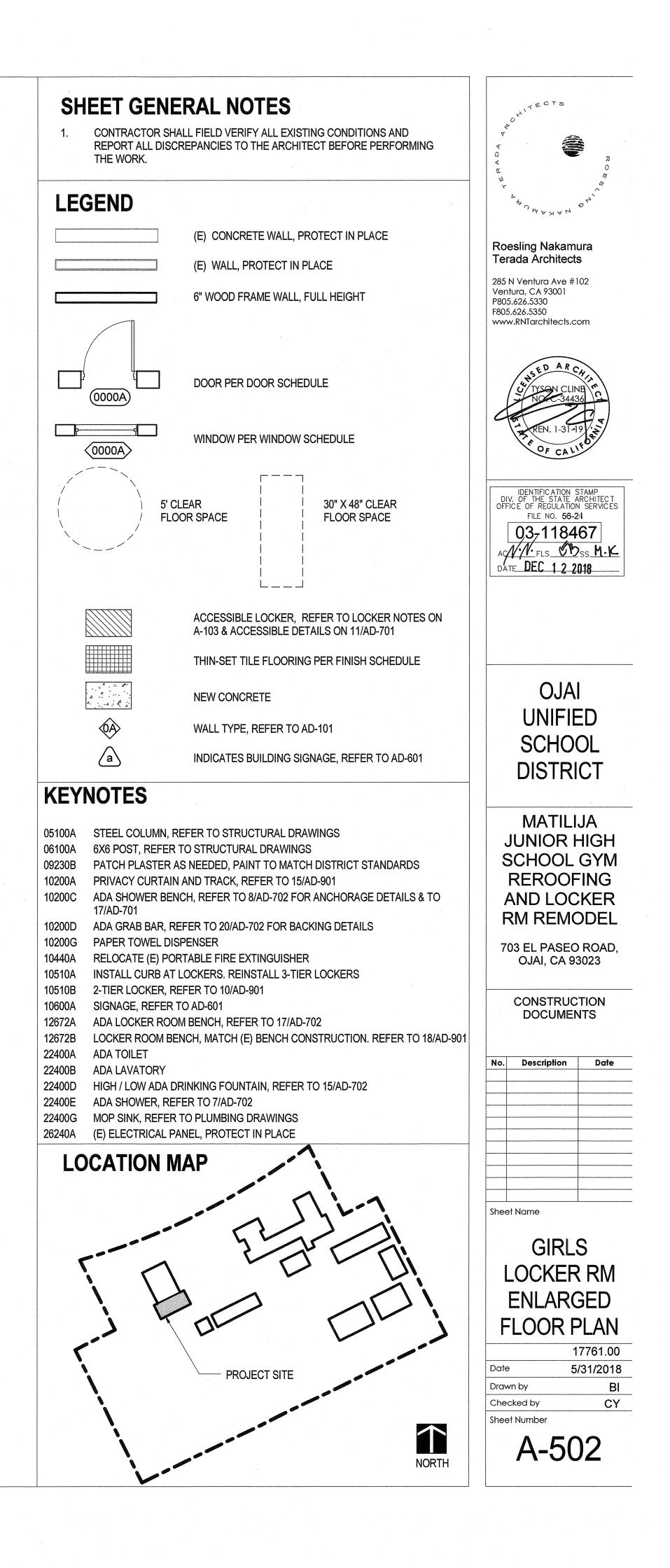




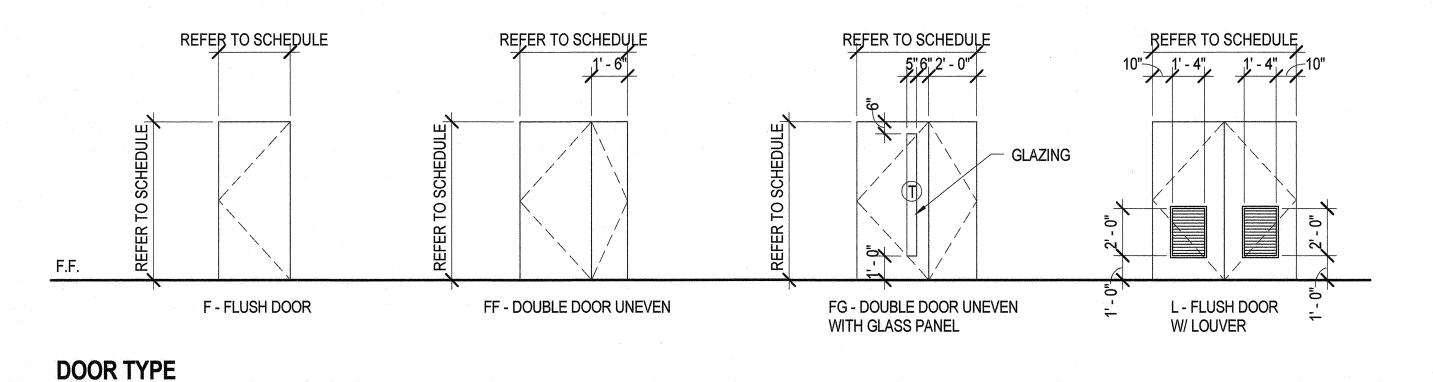


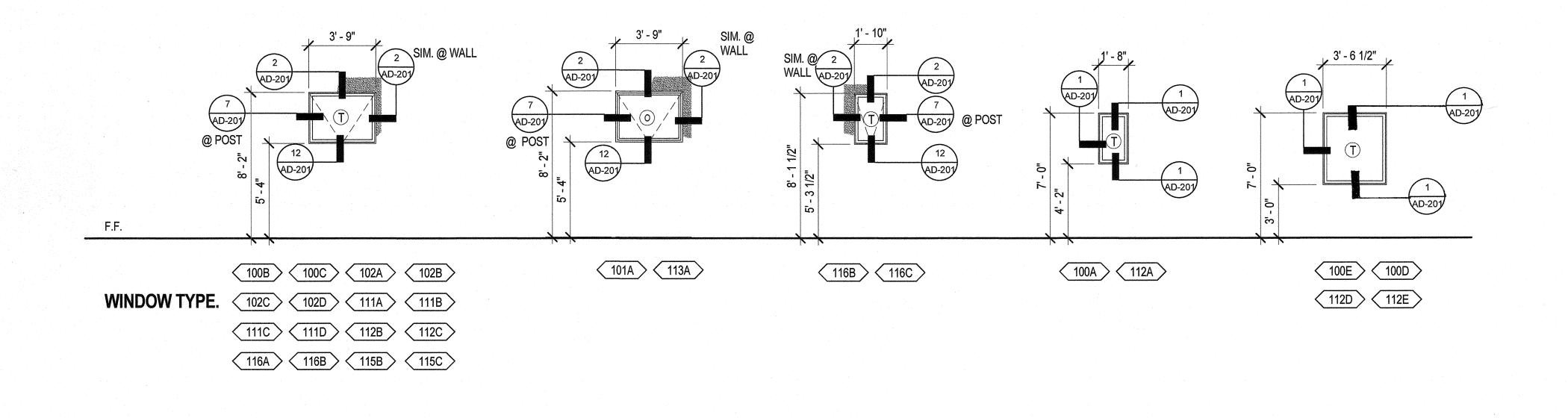




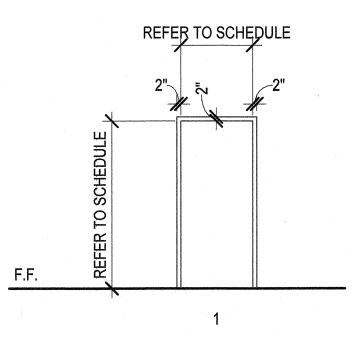


						I	DOOR S	CHEDU	LE						
			· ·	DOOR							F	RAME		ning dan general series and an	
MARK	LOCATION			THICKNESS	DOOR MATERIAL	DOOR FINISH	HDW SET	TYPE	HEAD	DETAIL	SILL	FRAME TYPE	FRAME MATERIAL	FRAME FINISH	REMARKS
					+					JAMB		FRANC ITE			
101A	ACCESSIBLE TOILET	3' - 0"	7' - 0"	1 3/4"	WD	PT	2.0		3/AD-201	8/AD-201	13/AD-201	1	HM	PT	
101B	STORAGE	2' - 0"	7' - 0"	1 3/4"	WD	PT	4.0	F	3/AD-201	8/AD-201	13/AD-201	1	HM	PT	
102A	GIRLS LOCKER ROOM	4' - 6"	7' - 0"	1 3/4"	HM	PT	1.0	FF	4/AD-201	9/AD-201	15/AD-201	1	HM	PT	PH
107	MECHANICAL ROOM	6' - 0"	7' - 0"	1 3/4"	WD	PT	3.0	L	3/AD-201	8/AD-201	13/AD-201	1	HM	PT	UNDERCUT 1"
111A	BOYS LOCKER ROOM	4' - 6"	7' - 0"	1 3/4"	HM	PT	1.0	FF	4/AD-201	9/AD-201	15/AD-201	1	HM	PT	PH
111B	STORAGE	2' - 0"	7' - 0"	1 3/4"	WD	PT	4.0	F	3/AD-201	8/AD-201	13/AD-201	1	HM	PT	
113	ACCESSIBLE TOILET	3' - 0"	7' - 0"	1 3/4"	WD	PT	2.0	F	3/AD-201	8/AD-201	13/AD-201	1	HM	PT	
114	CUSTODIAN	3' - 0"	7' - 0"	1 3/4"	HM	PT	4.0	F	4/AD-201	9/AD-201	15/AD-201	1	HM	PT	
115	STORAGE	3' - 0"	7' - 0"	1 3/4"	HM	PT	4.0	F	4/AD-201	9/AD-201	15/AD-201	1	HM	PT	
119	GYM	5' - 0"	7' - 0"	1 3/4"	HM	PT	1.0	FG	5/AD-201	10/AD-201	15/AD-201	1	HM	PT	PH
121	GYM	5' - 0"	7' - 0"	1 3/4"	НМ	PT	1.0	FG	5/AD-201	10/AD-201	15/AD-201	1	HM	PT	PH





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DOOR GENERAL NOTES

1. VERIFY ALL ROUGH OPENING DIMENSIONS PRIOR TO FABRICATION.

2. ALL DOORS SHALL HAVE LEVER HARDWARE U.O.N. DOOR HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERATING DEVICES SHALL BE INSTALLED MINIMUM 34" AND MAXIMUM 48" ABOVE FINISH FLOOR. (CBC 1010.1.9.2)

3. EXCEPT AS SPECIFICALLY PERMITED BY THIS SECTION EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT (CBC 1010.1.9) AND THE FORCE REQUIRED TO PUSH OR PULL AN EGRESS DOOR TO THE OPEN POSITION SHALL NOT EXCEED 5 POUND (CBC 1010.1.3)

4. CONTRACTOR SHALL PROVIDE POWER AS NECESSARY FOR FULL OPERATION OF KEYPAD ACCESS.

5 SWINGING DOORS:

.

- DOORS SHALL BE A MINIMUM OF 16 GA AND HAVE SUFFICIENT REINFORCEMENT TO MAINTAIN THE DESIGNED THICKNESS OF THE DOOR WHEN ANY LOCKING DEVICE IS INSTALLED; SUCH REINFORCEMENT BEING ABLE TO RESIST COLLAPSING OF THE DOOR AROUND ANY LOCKING DEVICE.
- GLAZING IN DOORS OR WITHIN 40" OF ANY DOOR LOCKING
- MECHANISM SHALL BE FULLY TEMPERED SAFETY GLASS. SINGLE DOORS SHALL BE EQUIPPED WITH A DEADBOLT. DEADBOLT SHALL HAVE MIN. PROJECTION OF 1" AND BE CONSTRUCTED SO AS TO REPEL CUTTING TOOL ATTACKS. THE DEADBOLT SHALL HAVE AN EMBEDMENT OF AT LEAST 3/4" INTO THE STRIKE RECEIVING THE DEADBOLT. THE CYLINDER SHALL HAVE A CYLINDER GUARD, A MIN. OF (5) PIN TUMBLERS AND SHALL BE CONNECTED TO THE INNER PORTION OF THE LOCK BY CONNECTING SCREWS OF AT LEAST 1/4" IN DIA. THESE PROVISIONS NOT REQUIRED WHERE PANIC HARDWARE IS REQUIRED.
- DOUBLE DOOR INACTIVE LEAF SHALL BE EQUIPPED WITH METAL FLUSH BOLTS HAVING A MINIMUM EMBEDMENT OF 5/8" INTO THE HEAD AND THRESHOLD OF THE DOOR FRAME. SHALL HAVE AN ASTRAGAL CONSTRUCTED OF STEEL 1/8" MIN. THICK WHICH COVERS OPENING BETWEEN DOORS. ASTRAGAL SHALL BE MIN. 2" WIDE AND EXTEND MIN. 1" BEYOND THE EDGE OF THE DOOR TO WHICH IT IS ATTACHED. ASTRAGAL SHALL BE EITHER WELDED TO THE OUTSIDE OF THE ACTIVE DOOR OR ATTACHED WITH NON-REMOVABLE BOLTS AT 10" O.C. MAX.
- PANIC HARDWARE SHALL CONTAIN A MINIMUM OF TWO LOCKING POINTS ON EACH DOOR.

6. PROVIDE LABEL OR ETCHING ON TEMPERED GLASS WITHIN 18" OF DOOR AND AT OTHER REQUIRED LOCATIONS.

7. ALL NEW DOORS TO BE INSTALLED IN (E) OPENINGS SHALL BE FITTED ON (E) OPENINGS WITHOUT ENLARGEMENT.

DOOR FINISH LEGEND

PT PAINT

DOOR MATERIALS LEGEND

- HM HOLLOW METAL
- T TG TEMPERED GLASS

WINDOW GENERAL NOTES

1. REFER TO DOOR SCHEDULE FOR ADDITIONAL INFORMATION, INCLUDING DOOR DETAIL REFERENCES. FIELD VERIFY ALL DOOR, WINDOW, OPENING DIMENSIONS

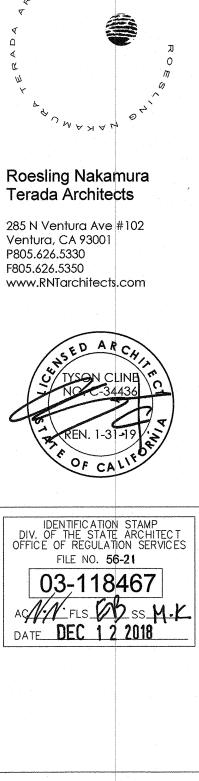
2. PROVIDE LABEL OR ETCHING ON TEMPERED GLASS WITHIN 18" OF DOOR AND AT OTHER REQUIRED LOCATIONS.

- 3. REFER TO FLOOR PLANS FOR WINDOW LOCATIONS.
- 4. REPAIR OR REPLACE WOOD TRIM & PAINT TO MATCH (E).

WINDOW SCHEDULE LEGEND

(000A) WINDOW TAG, REFER TO FLOOR PLAN FOR LOCATION

- T TEMPERED GLASS
- OBSCURING GLASS



TECTS

OJAI UNIFIED SCHOOL DISTRICT



703 EL PASEO ROAD, OJAI, CA 93023

No. Description Date

LOCKER

ROOM DOOR

& WINDOW

SCHEDULES

A-601

17761.00

5/31/2018

BI

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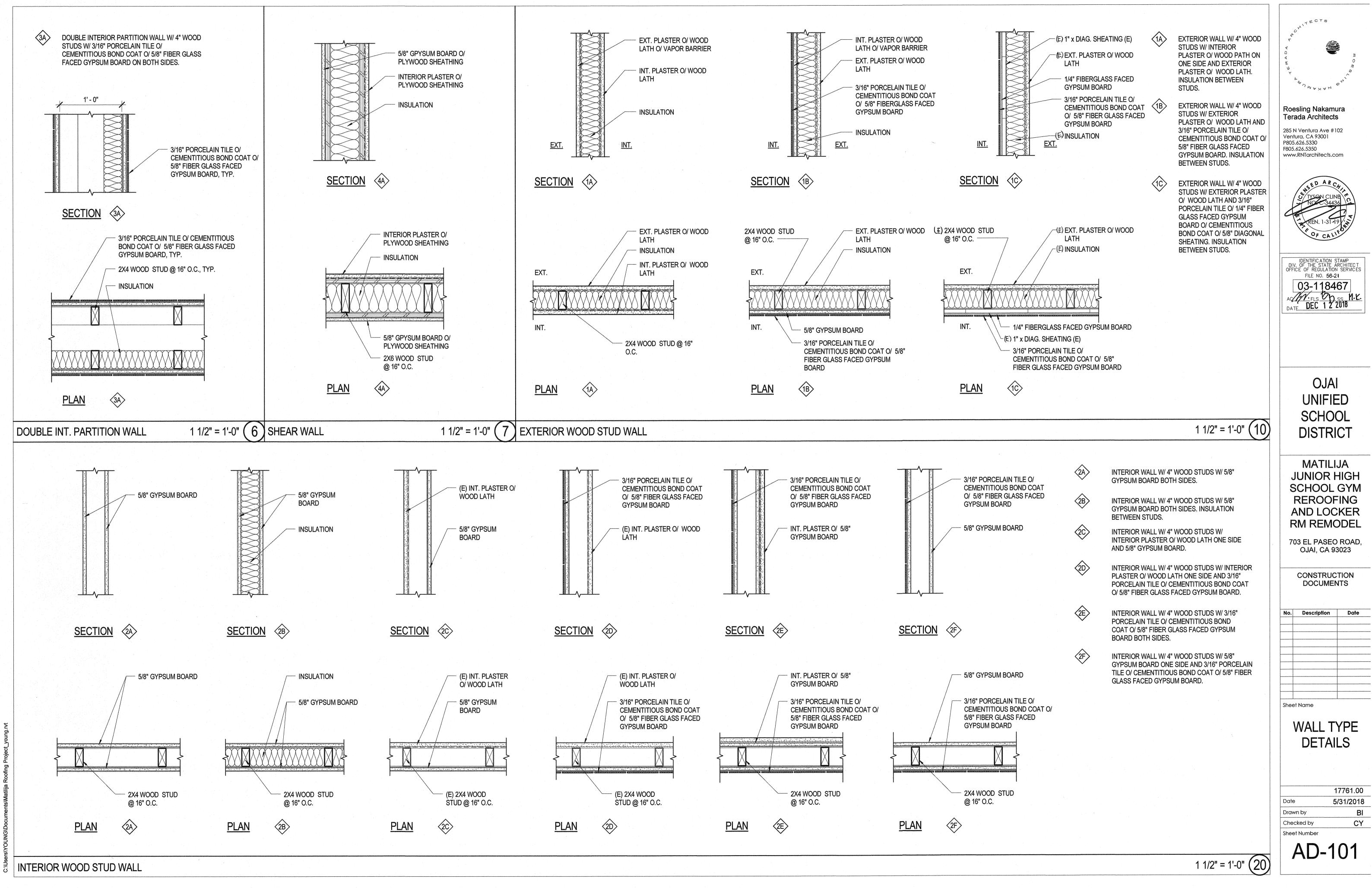


Date

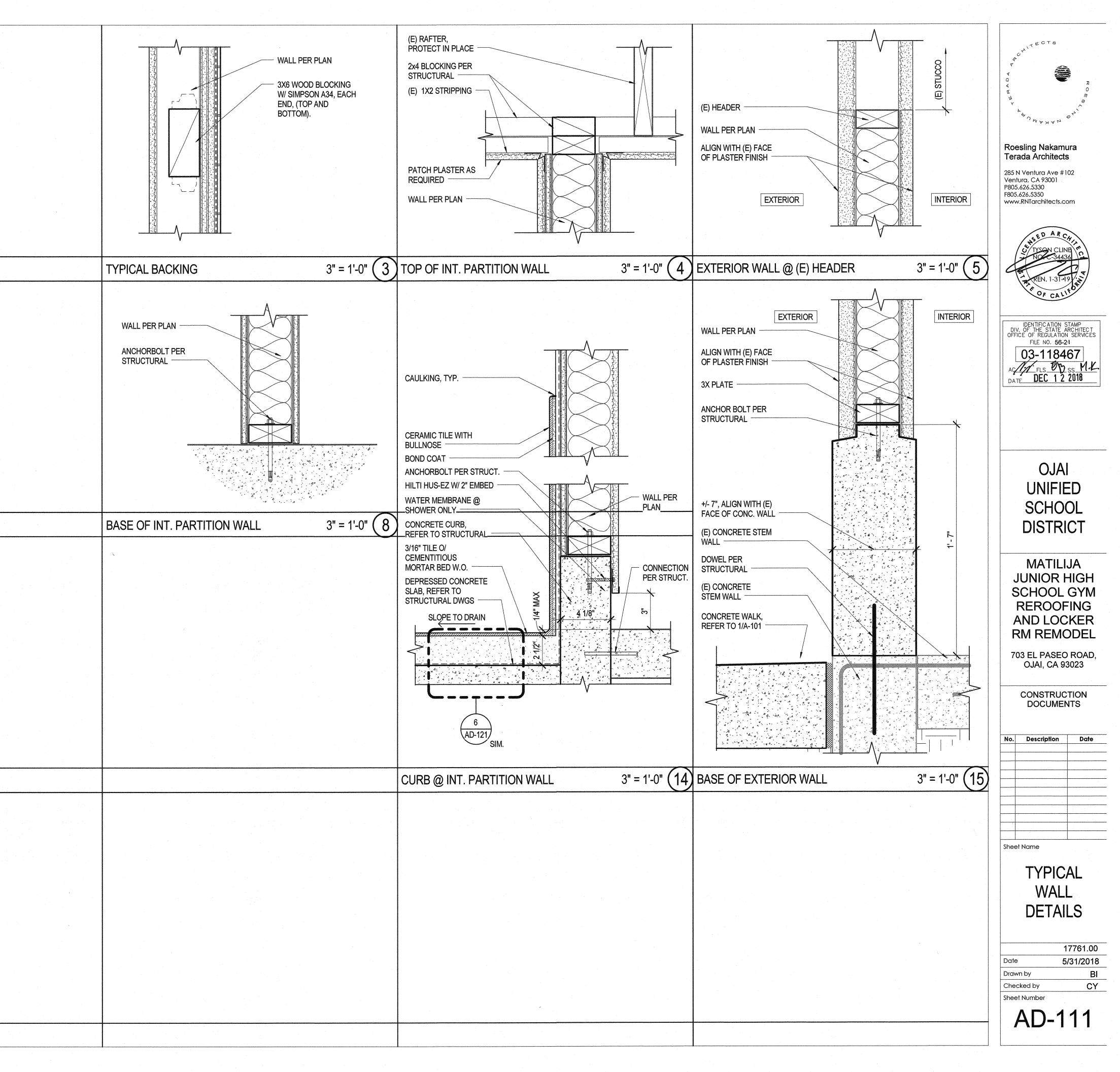
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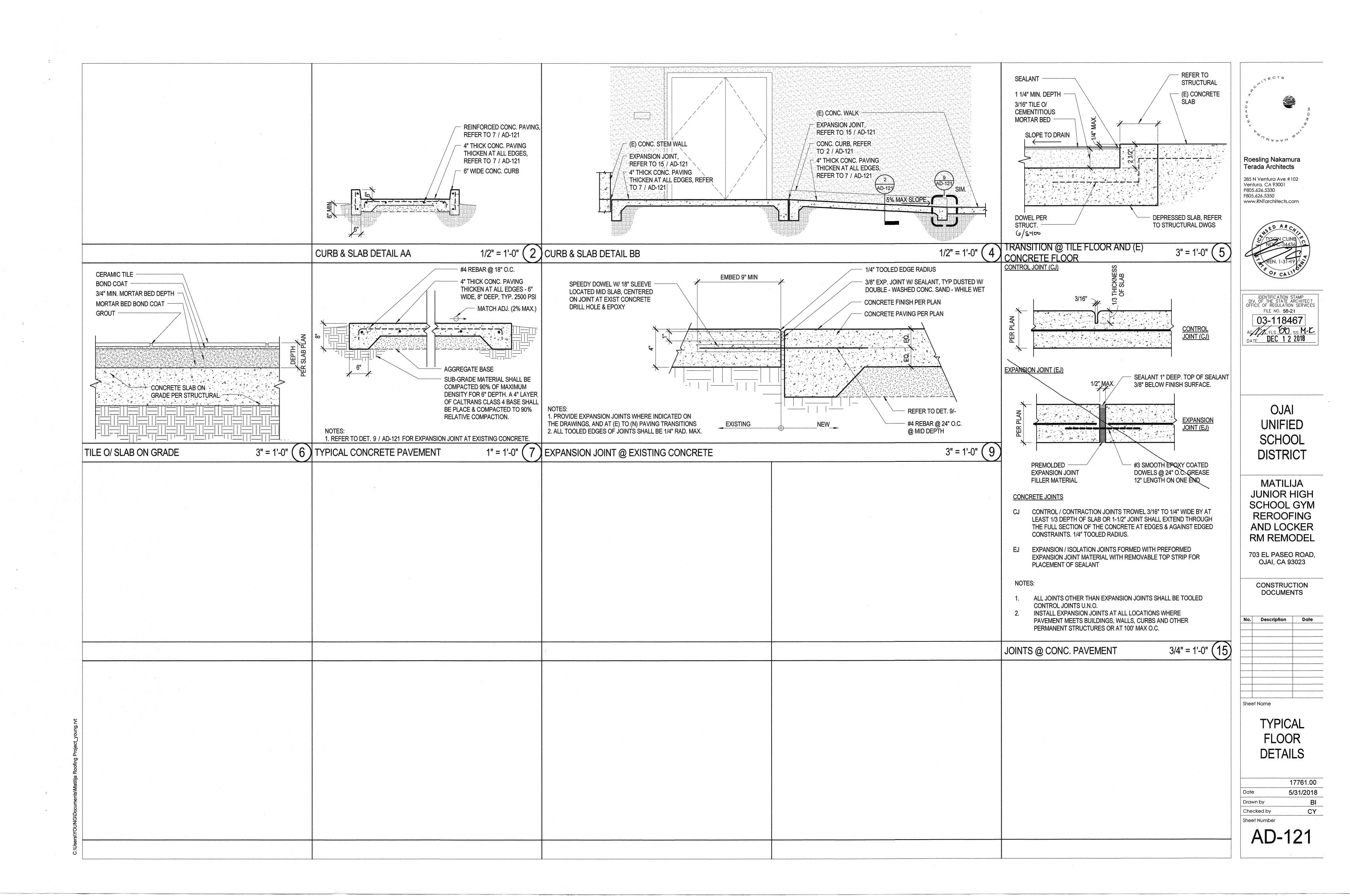
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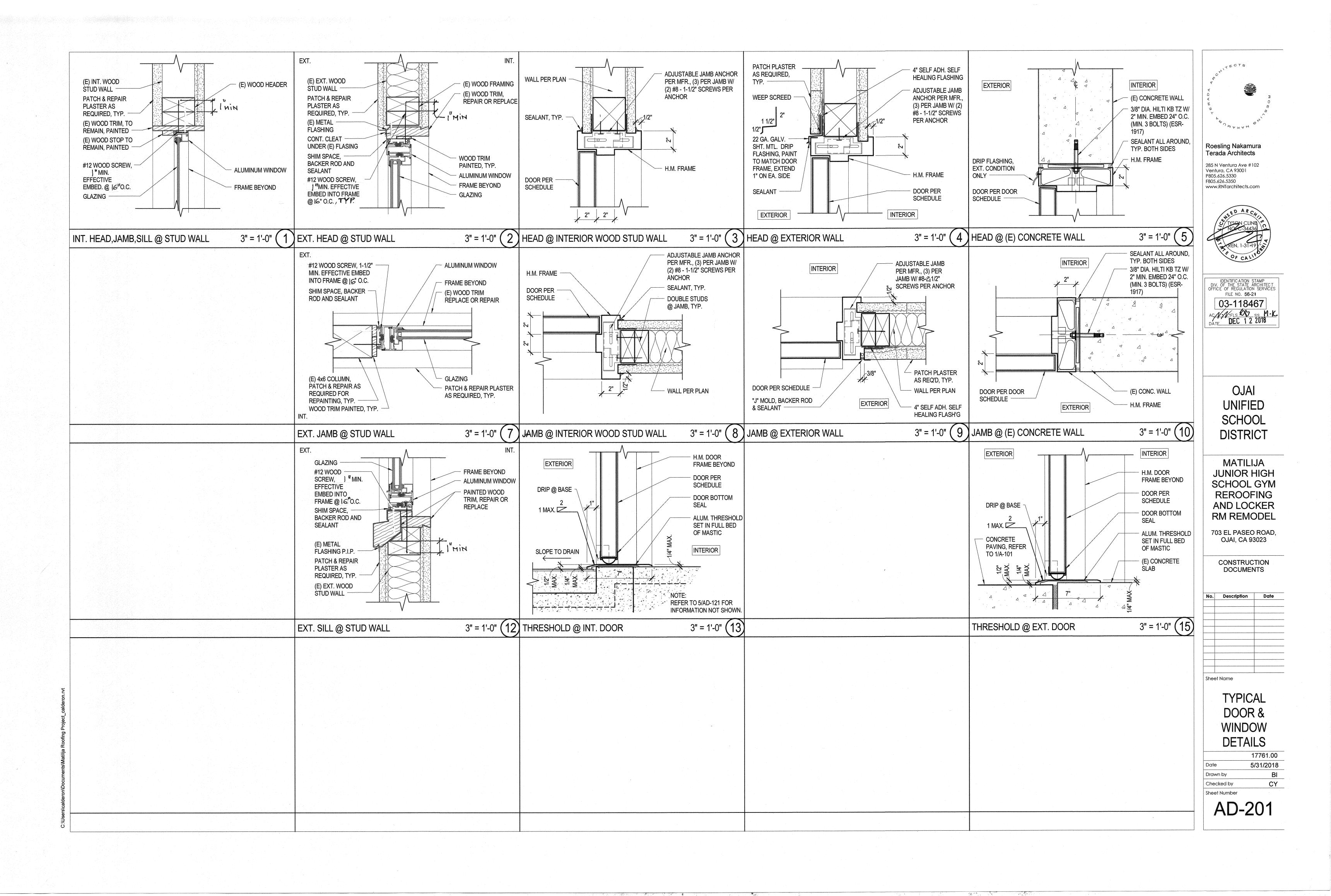
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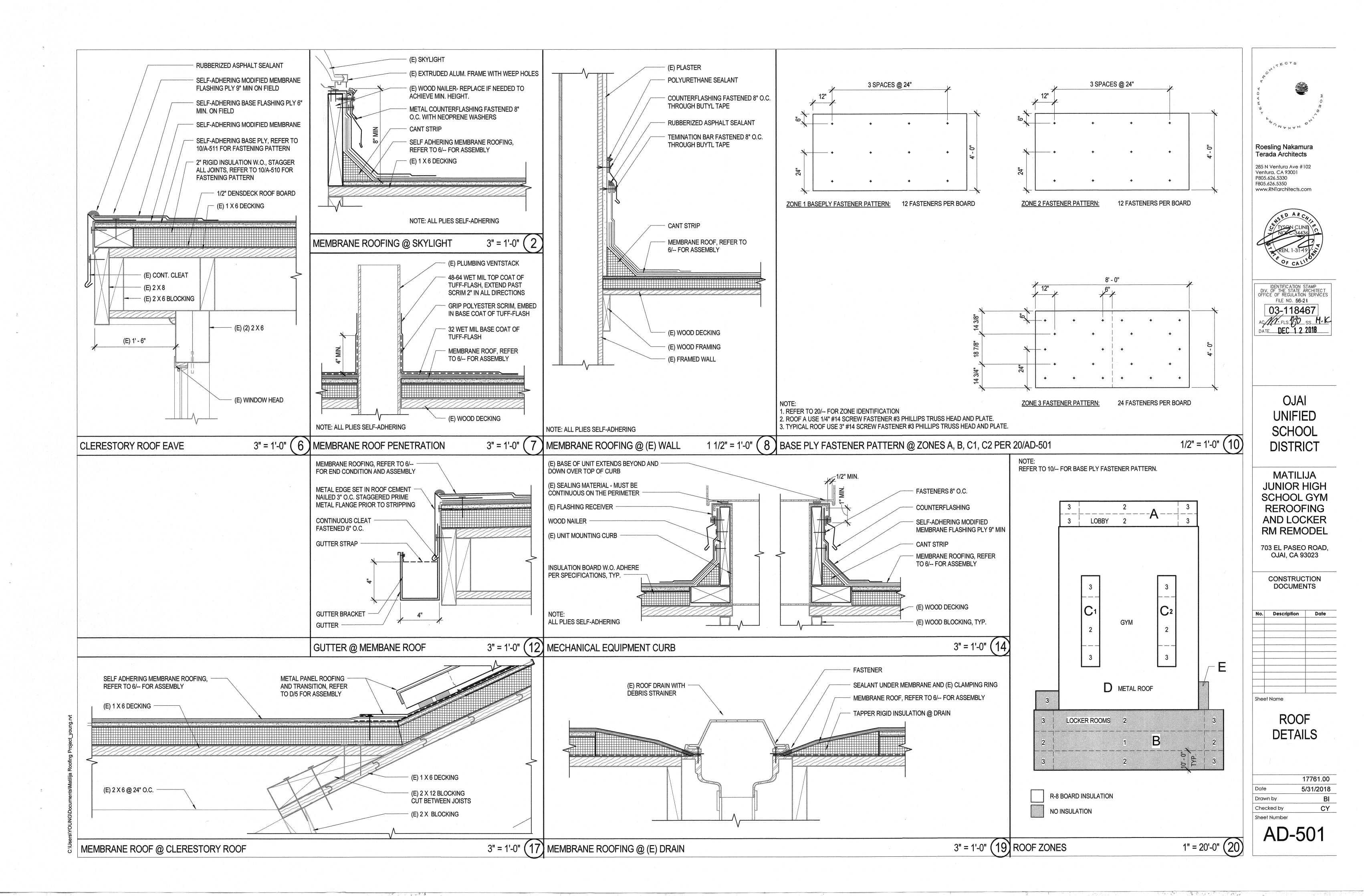


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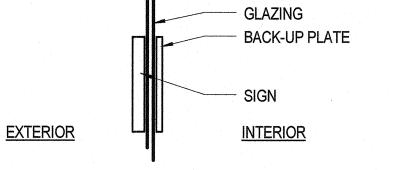
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- 2X4 BLOCKING PER STRUCT. TECTS - CONT. 2X4 MEMBER - JOIST HANGER A N N A N U Roesling Nakamura Terada Architects Construction of the second 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com -INT. PLASTER O/ WOOD LATH O/ WATER BARRIER - WALL PER PLAN EDARC 3" = 1'-0" (5) FRAMED CEILING @ SHOWERS IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 ACMARTING SS M.K. DATE DEC 1 2 2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date Sheet Name TYPICAL CEILING DETAILS 17761.00 5/31/2018 Date Drawn by BI CY Checked by Sheet Number AD-401



GENERAL NOTES

1. FOR SIGNAGE APPLICATION TO GLASS, PROVIDE A MATCHING BACK-UP PLATE & MOUNT TO INTERIOR SURFACE OF GLASS WITH ADHESIVE.



2. VERIFY ALL SIGN TEXT WITH *DISTRICT* PRIOR TO ORDERING SIGNAGE.

3. PROVIDE AN ADDITIONAL 10 BUILDING SIGNS WITH 40 CHARACTERS PER SIGN TO BE DETERMINED DURING CONSTRUCTION PER THE DISTRICT'S DIRECTION.

ACCESSIBLE SIGNAGE

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO INDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH AND AS SPECIFICALLY REQUIRED IN THESE NOTES. THE FOLLOWING ELEMENTS AND SPACES OF ACCESSIBLE FACILITIES SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY:

- ACCESSIBLE PARKING SPACES.
- ACCESSIBLE AREA OF REFUGE.
- ACCESSIBLE PASSENGER LOADING ZONES. ACCESSIBLE TOILET AND BATHING FACILITIES.
- ALL MAIN ENTRY DOORS.
- OTHER SIGNS:

2.

IN ASSEMBLY AREAS, A SIGN NOTIFYING THE GENERAL PUBLIC OF THE AVAILABILITY OF ASSISTIVE LISTENING SYSTEMS SHALL BE PROVIDED AT TICKET OFFICES OR SIMILAR LOCATIONS.

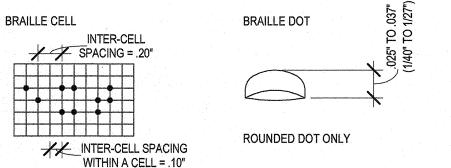
EACH DOOR TO AN EXIT SHALL HAVE A TACTILE SIGN, INCLUDING RAISED LETTERS AND BRAILLE, STATING "EXIT" AND SHALL COMPLY WITH CABO/ANSI A117.1, CBC 1011.4 AND CBC 11B-703

AT EXITS AND ELEVATORS SERVING A REQUIRED ACCESSIBLE SPACE, BUT NOT PROVIDING AN APPROVED ACCESSIBLE MEANS OF EGRESS, SIGNS SHALL BE INSTALLED INDICATING THE LOCATION OF ACCESSIBLE MEANS OF EGRESS

3. COLOR OF SYMBOL: THE SYMBOL SPECIFIED ABOVE SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595C.

4. BRAILLE SYMBOLS: CALIFORNIA CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED. DOTS SHALL BE 1/10 INCH ON CENTER IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS. DOTS SHALL BE RAISED 0.025 TO 0.037 (1/40 TO 1/27) INCH ABOVE THE BACKGROUND. CBC TABLE 11B-703.3.1.

RECOMMENDED ROUNDED OR DOMED CALIFORNIA BRAILLE DOTS, EACH DISTINCT AND SEPARATE.

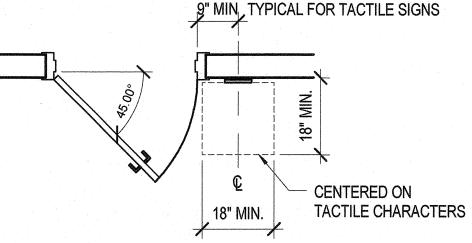


(VERTICAL OR HORIZONTAL)

4. CHARACTER PROPORTION: CHARACTER PROPORTIONS: LETTERS AND NUMBERS ON SIGNS SHALL BE SELECTED FROM FONTS WHERE THE WIDTH OF UPPERCASE LETTER "O" IS BETWEEN 60% AND 110% THE HEIGHT OF THE UPPERCASE LETTER "T", AND THE STROKE THICKNESS OF THE UPPERCASE LETTER "I" IS 10% TO 20% MAXIMUM OF THE HEIGHT OF THE CHARACTER. CBC SECTION 11B-703.5.4. CREATE A TEMPLATE TO TEST PROPORTIONS. PLACE THE TEMPLATE'S 1:1 SQUARE OVER THE X OF O, WHICHEVER IS NARROW. IF THE CHARACTER IS NOT WIDER THAN THE 110% RECTANGLE, NOR NARROWER THAN THE 60% RECTANGLE, THE PROPORTIONS ARE CORRECT. USE THE 1:10 RECTANGLE TO DETERMINE IF THE STROKE OF THE I IS TOO BROAD, AND THE 1:20 RECTANGLE TO SEE IF IT IS TOO NARROW. IF ALL TESTS ARE PASSED, THE TYPESTYLE IS COMPLIANT WITH PROPORTION CODE. LOWER CASE CHARACTERS ARE PERMITTED

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS:	110% 60%	 1:10 1:20
	CHARACTER WIDTH	STROKE WIDTH

5. CHARACTER HEIGHT : VISUAL CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ, PER TABLE 11B-703.5.5 (REPRODUCED BELOW). THE HEIGHT IS MEASURED USING AN UPPER-CASE "I". LOWERCASE CHARACTERS ARE PERMITTED.



6. FINISH AND CONTRAST OF SYMBOL: CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTER ON A LIGHT BACKGROUND. CBC 11B-703.5.1

7. RAISED CHARACTERS AND PICTORIAL SYMBOL SIGNS. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:

- TYPE: LETTER TYPE: LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32 INCH MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY CALIFORNIA CONTRACTED GRADE 2 BRAILLE. CBC SECTION 11B-703.2 (SEE NOTE 3).
- SIZE: RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM B OF 5/8" HIGH AND A MAXIMUM OF 2" HIGH.
- PICTORIAL SYMBOL SIGN (PICTOGRAMS): PICTORIAL SYMBOL C. SIGNS (PICTOGRAMS) SHALL BE ACCOUMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMNSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6 INCHES IN HEIGHT. PICTOGRAMS SHALL HAVE A NON-GLARE FINISH AND SHALL CONTRAST WITH THEIR FIELD.
- SPACING: CHARACTER SPACING SHALL BE 1/16 INCH MINIMUM AND 4 TIMES THE STROKE WIDTH MAXIMUM AT THE BASE, AND 1/8" MINIMUM AND 4 TIMES THE STROKE WIDTH MAXIMUM AT THE TOP. LINES SPACING SHALL BE 135% TO 170% OF THE RAISED CHARACTER HEIGHT. CBC 11B-703.2.

8. ENTRANCE SIGNS. ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS. AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.

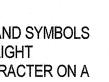
9. INFORMATION POSTED. BUILDINGS THAT HAVE BEEN REMODELED TO PROVIDE SPECIFIC SANITARY FACILITIES AND/OR ELEVATORS FOR PUBLIC USE THAT CONFORM TO THESE BUILDING STANDARDS SHALL HAVE THIS INFORMATION POSTED IN THE BUILDING LOBBY, PREFERABLY AS PART OF THE BUILDING DIRECTORY.

10. MOUNTING LOCATION AND HEIGHT FOR TACTILE SIGNAGE: WHERE DIRECTION OR IDENTIFICATION SIGNS ARE PROVIDED FOR INTERIOR OR EXTERIOR ROOMS, SPACES, OR FACILITIES, RAISED LETTERS SHALL ALSO BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE. CBC SECTION 11B-216.2. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR. THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR OR THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL EXIT SIGNAGE SHALL BE LOCATED ON THE APPROACH SIDE OF THE DOOR AS ONE EXITS THE SPACE. MOUNTING HEIGHT SHALL BE 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR TO THE BASELINE OF THE HIGHEST LINE OF RAISED CHARACTERS AND 48" MINIMUM ABOVE FINISHED FLOOR TO THE BASELINE OF THE LOWEST BRAILLE CELLS. MOUNTING LOCATION SHALL BE DETERMINED SO THAT AN 18" X 18" CLEAR SPACE IS PROVIDED CENTERED ON THE TACTILE CHARACTERS AND BEYOND ANY DOOR SWING. CBC SECTION 11B-703.4.

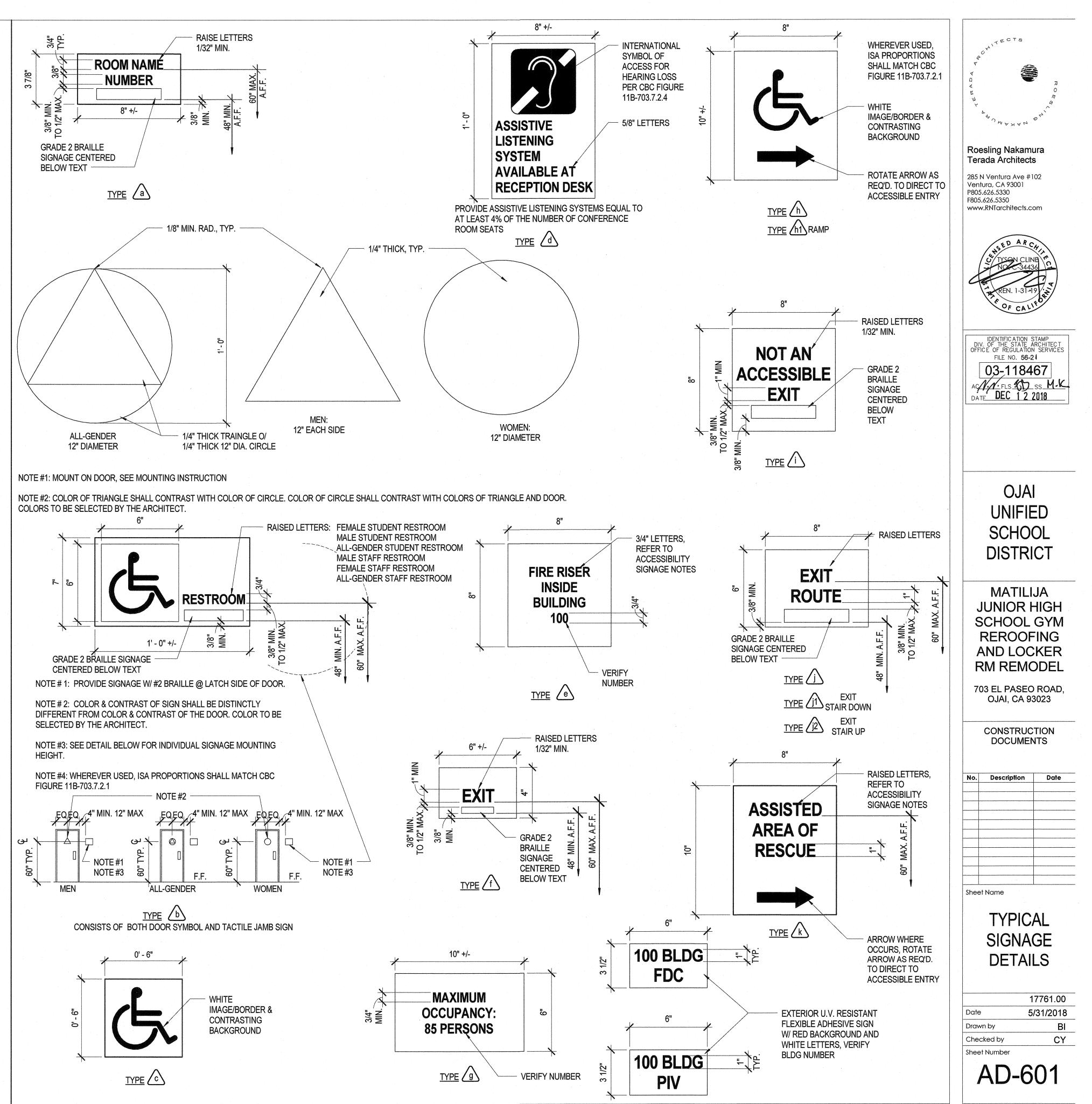
11. ALL SIGNS (AT MAIN ENTRANCES, TOILETS, PERMANENT ROOMS AND ASSISTIVE LISTENING SYSTEM(S), ETC.) SHALL COMPLY WITH TITLE 24, INCLUDING SECTION 11B-703.

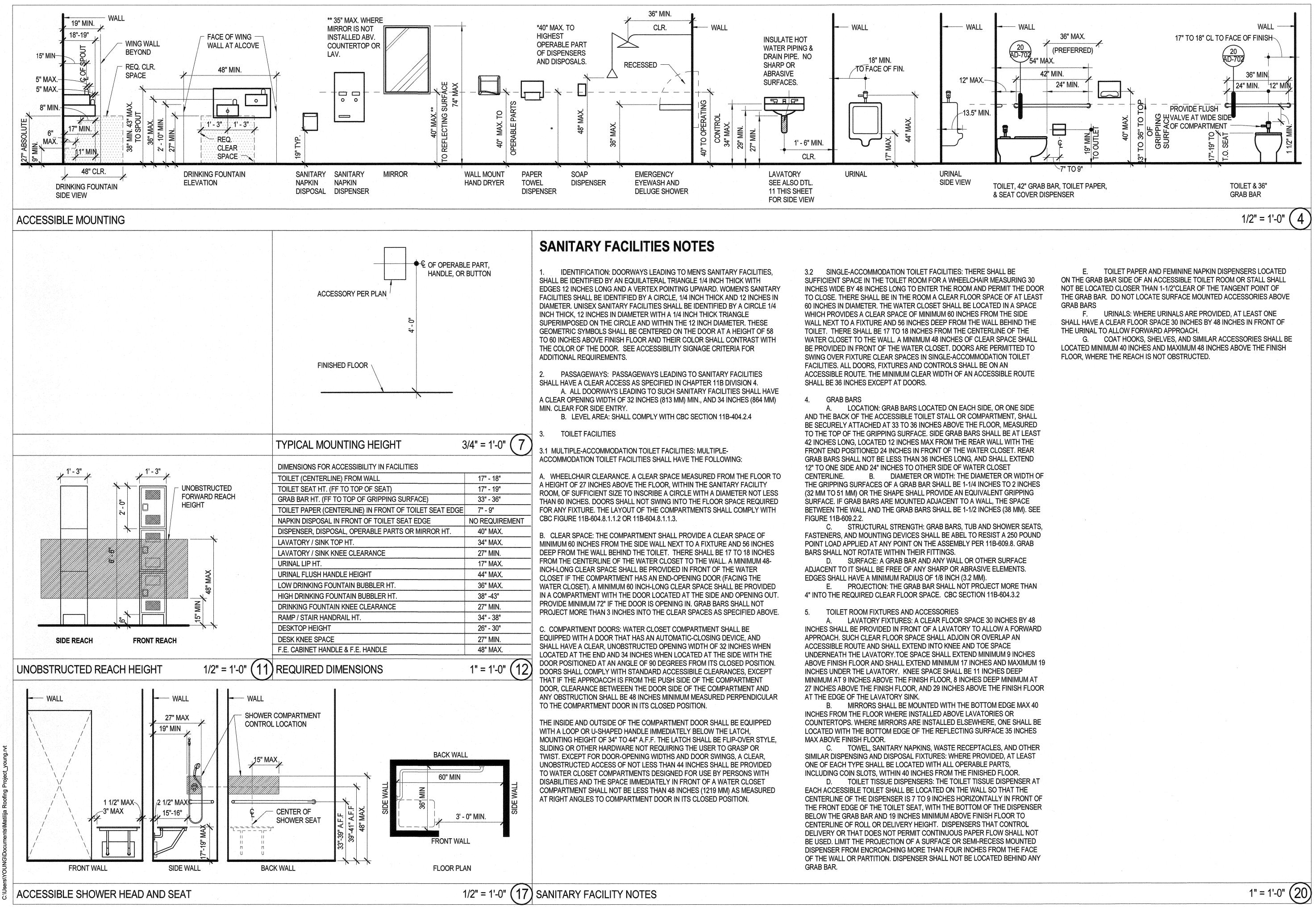
	TABLE 11B-703.5.5 VISUAL CHARACTER HEIGHT						
HEIGHT TO FINISH FLOOR OR GROUND FROM BASELINE OF CHARACTER	HORIZONTAL VIEWING DISTANCE	MINIMUM CHARACTER HEIGHT					
40 INCHES TO 70 INCHES	LESS THAN 72 INCHES	5/8 INCH					
	72 INCHES AND GREATER	5/8 INCH, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVE					
GREATER THAN 70 INCHES TO 120	LESS THAN 180 INCHES	2 INCHES					
INCHES	180 INCHES AND GREATER	2 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVI					
GREATER THAN 120 INCHES	LESS THAN 21 FEET	3 INCHES					
	21 FEET AND GREATER	3 INCHES, PLUS 1/8 INCH PER FOOT OF VIEWING DISTANCE ABOVI					





/E 72 INCHES VE 180 INCHES VE 21 FEET





	17" - 18"
	17" - 19"
	33" - 36"
AT EDGE	7" - 9"
	NO REQUIREMENT
RHT.	40" MAX.
	34" MAX.
	27" MIN.
. :	17" MAX.
	44" MAX.
	36" MAX.
	38" -43"
	27" MIN.
	34" - 38"
	26" - 30"
*****	27" MIN.
	48" MAX.

OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS Description Date Sheet Name TYP. ACCESSIBILITY DETAILS 17761.00 5/31/2018 Date Drawn by BI Checked by CY Sheet Number **AD-701**

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

FILE NO. 56-2

03-118467

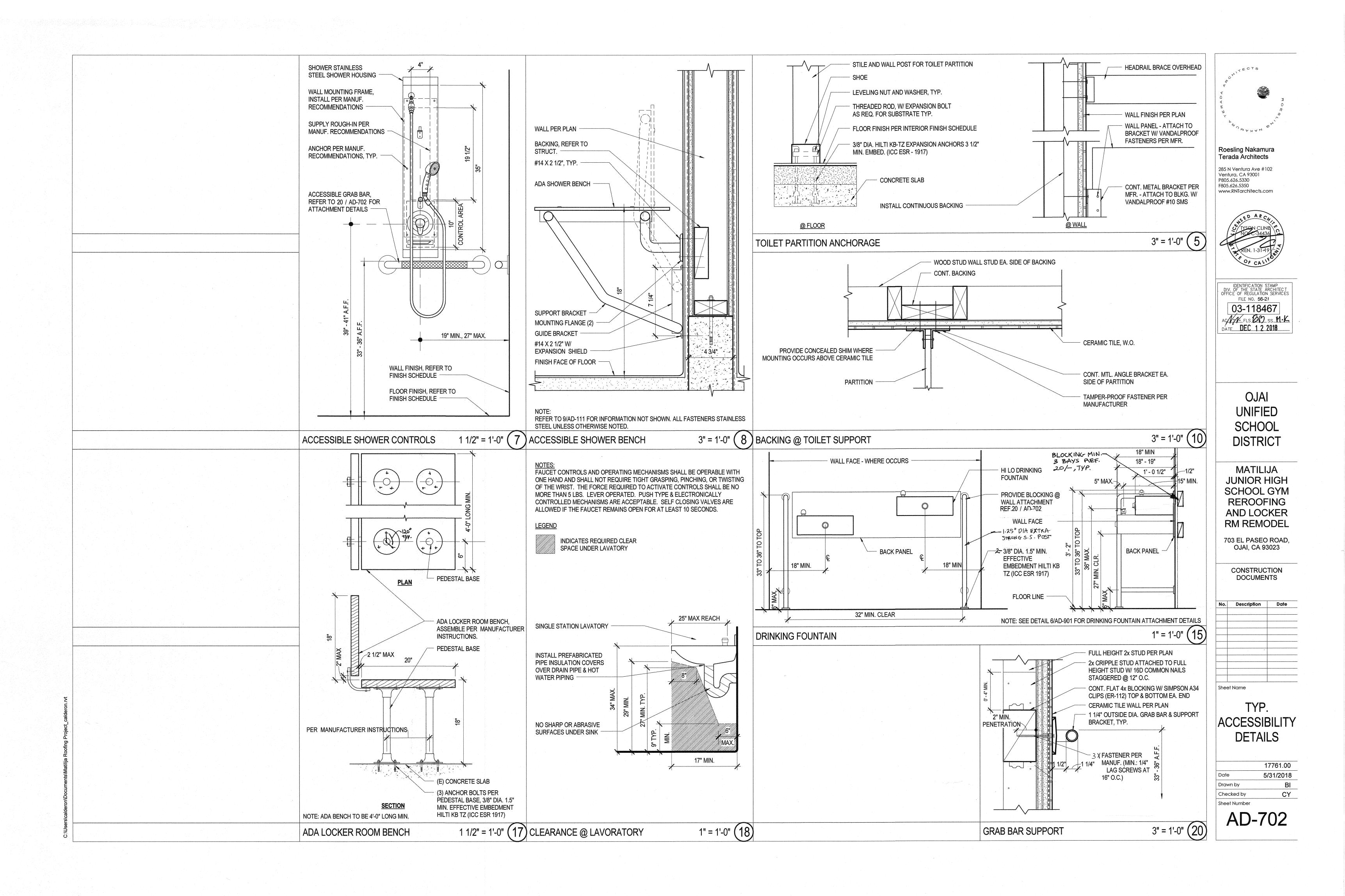
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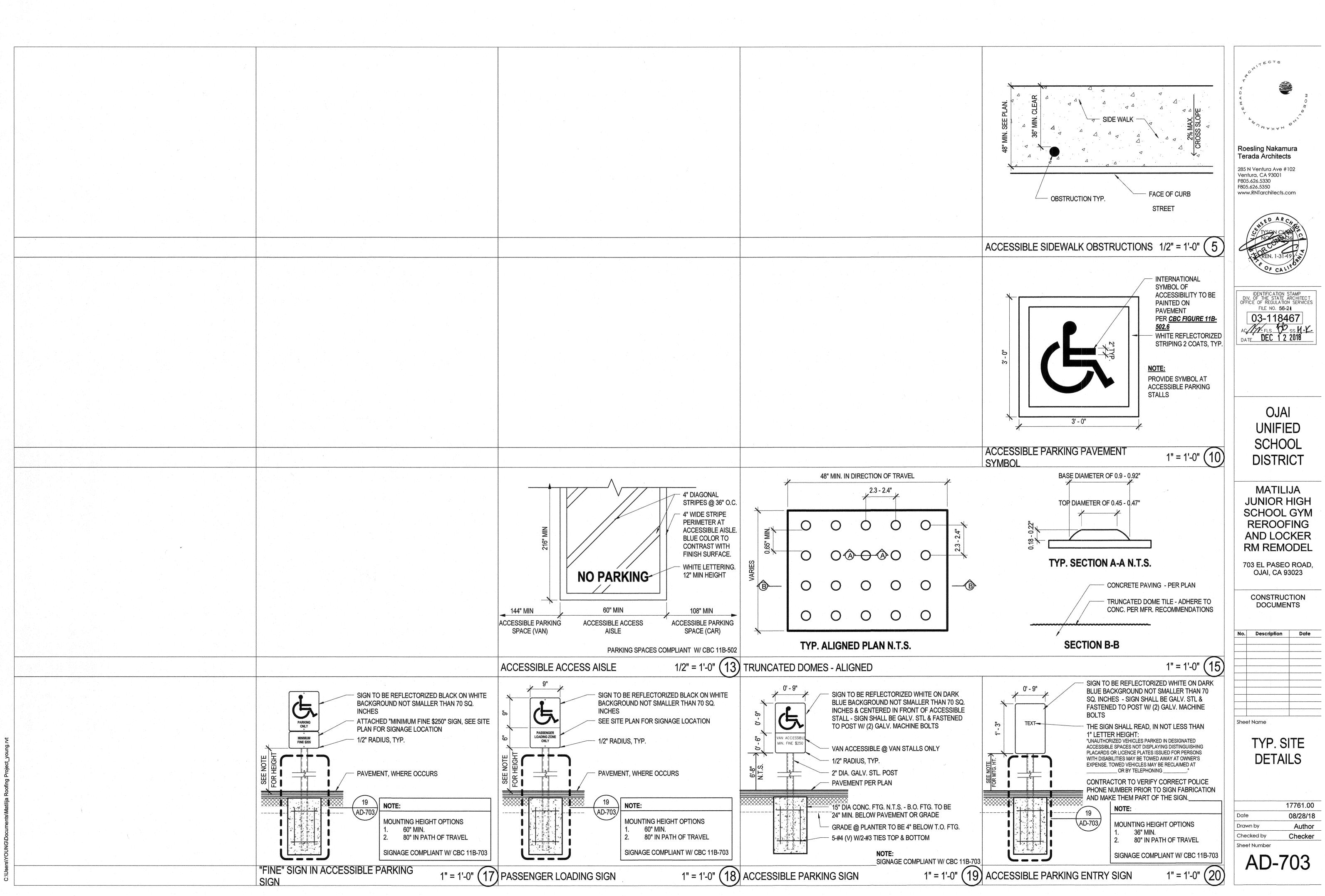
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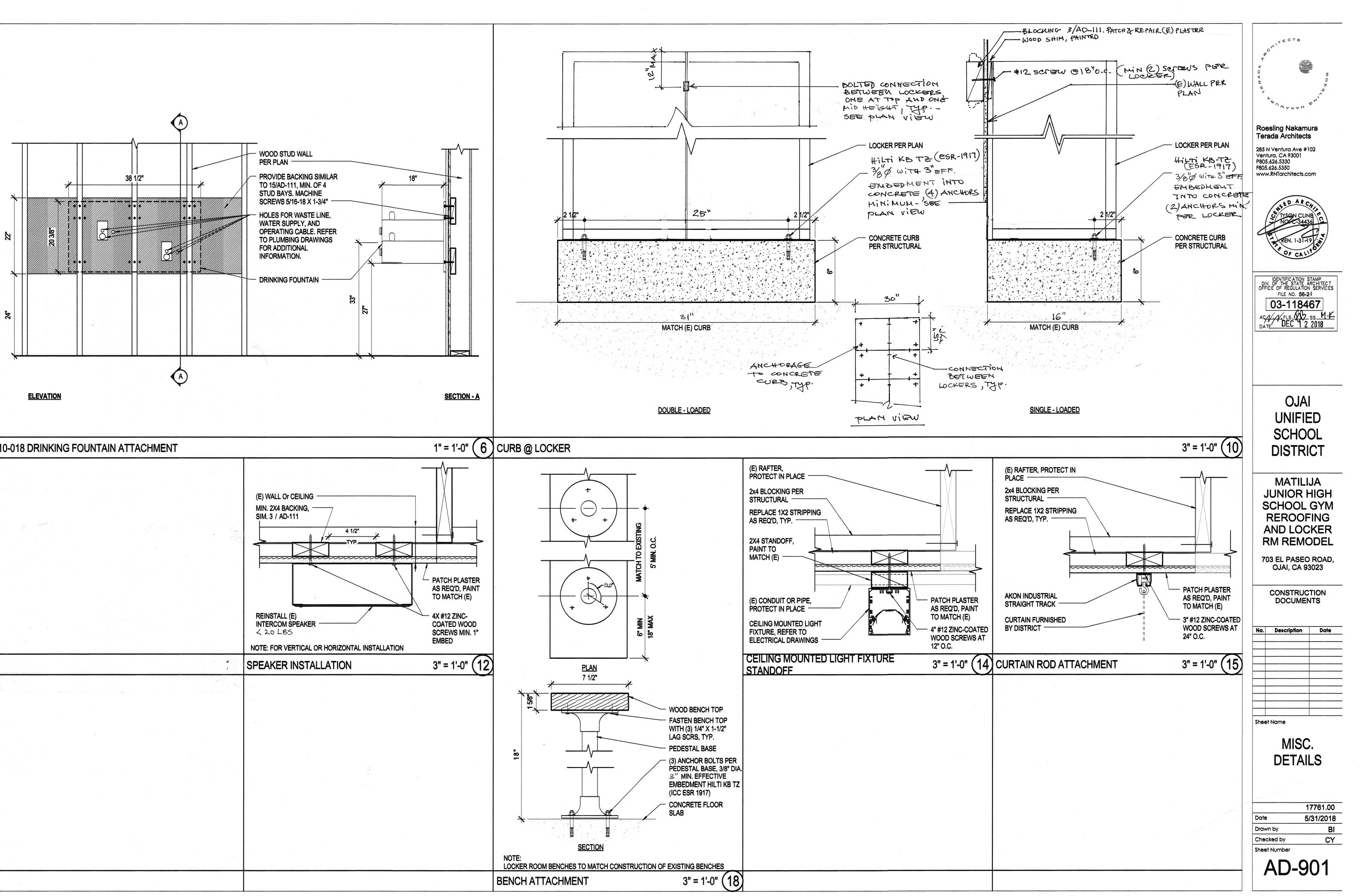
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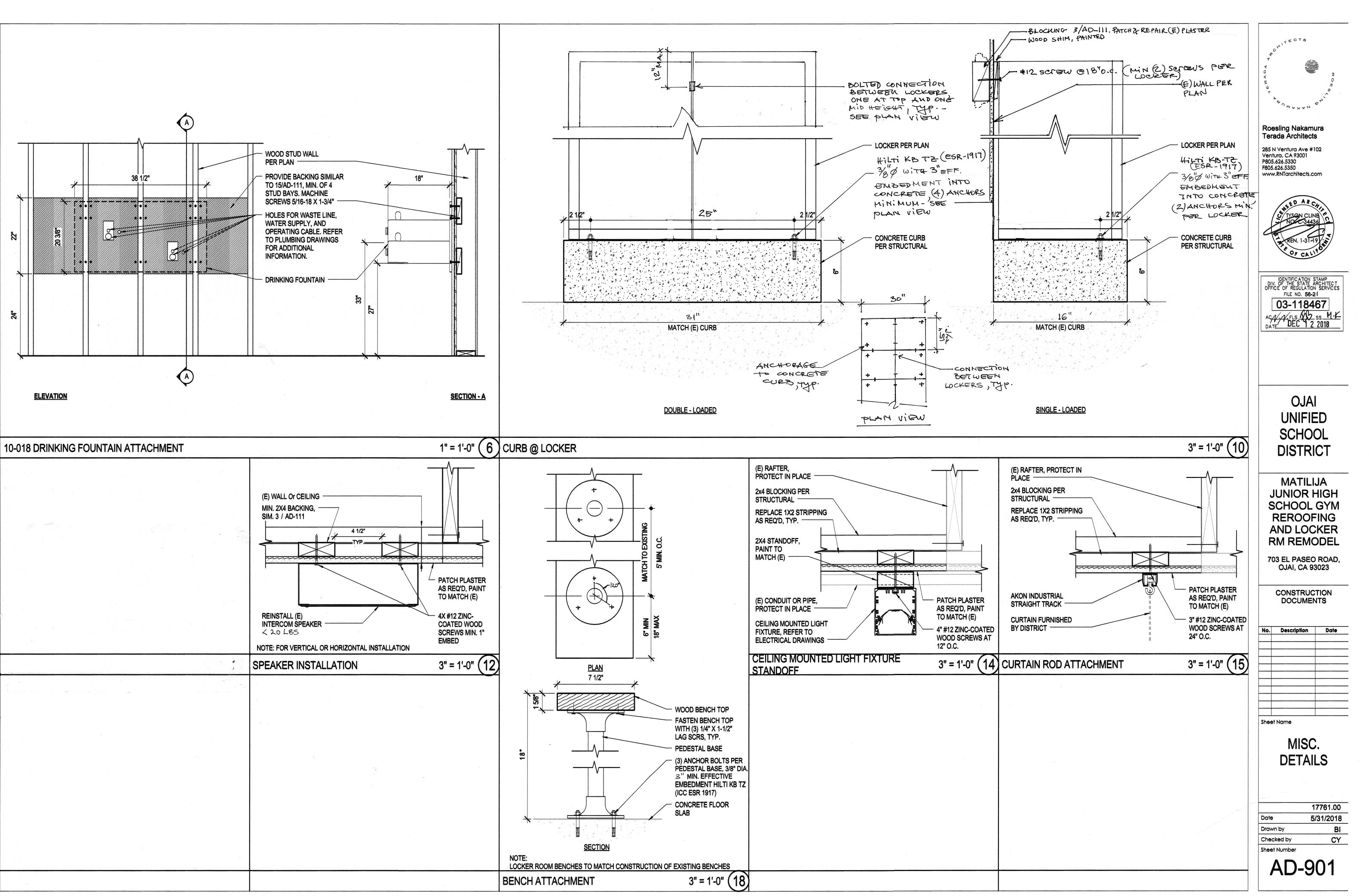
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(A)





	GENERAL	· III.	FR/	AMING LUMBER
	THESE GENERAL NOTES APPLY, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL CONSTRUCTION, TESTING AND INSPECTING SHALL CONFORM TO THE BUILDING CODE REFERENCED			AMING LUMBER GRADES: V NT NOT TO EXCEED 19 PER
	UNDER THE HEADING "DESIGN CRITERIA". STANDARDS REFERENCED IN THESE NOTES SHALL BE THE LATEST EDITION, UNLESS OTHERWISE NOTED.			2x4 STUDS (NON BEARING 2x & 3x STUDS: No. 1, D.FIF
	THE NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND		C.	4x STUDS & LARGER: No. 7 ALL OTHER STRUCTURAL
5.	TYPICAL DETAILS. DETAILS SHALL BE APPLIED TO EVERY LIKE CONDITION WHETHER OR NOT THEY ARE REFERENCED IN		E.	STRUCTURAL JOISTS & PL
	EVERY INSTANCE. FOR CONDITIONS NOT SPECIFICALLY SHOWN, PROVIDE DETAILS SIMILAR TO THOSE SHOWN.		G.	3x & 4x MEMBERS: NO. 1, I POSTS & TIMBERS: No. 1, I
6.	THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING FEATURES AND CONDITIONS (DIMENSIONS, ELEVATIONS, ETC.) UPON WHICH THESE DRAWINGS RELY.	2.		EATED LUMBER: ALL WOOD MEMBERS IN C
7.	OMISSIONS OR DISCREPANCIES BETWEEN THE VARIOUS ELEMENTS OF THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR STRUCTURAL ENGINEER BEFORE			SUBJECT TO DECAY SHALL
۰ ۵	PROCEEDING WITH THE WORK.			CONNECTORS CONNECTI STAINLESS STEEL
8.	REFER TO ARCHITECTURAL PLANS FOR FINISH FLOOR ELEVATIONS, FLOOR DEPRESSIONS, OPENINGS, SLOPES, DRAINS, CURBS, PADS, EMBEDDED ITEMS, NON-BEARING PARTITIONS, STAIR HANGERS, ETC.	3.	GLU	JE LAMINATED MEMBERS U
	REFER TO MECHANICAL AND ELECTRICAL PLANS FOR SLEEVES, OPENINGS, AND HANGERS FOR PIPES, DUCTS, AND EQUIPMENT. COORDINATE THESE ITEMS WITH STRUCTURAL WORK.			BEAMS: SPECIES = DOUGI AS NOTED. NO CAMBER IS
9. 10.	DO NOT SCALE DRAWINGS. COORDINATE DIMENSIONS WITH ARCHITECTURAL DRAWINGS. DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF			ALL CANTILEVERED GLUE MEMBERS SHALL BE FABR
	PERSONNEL AND PROPERTY ON AND AROUND THE JOBSITE. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, GUYS, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL		D.	MEMBERS SHALL BE MAN REQUIREMENT THAT THE
44	SAFETY ORDINANCES. THE STRUCTURAL DRAWINGS AND PROJECT SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE.	А	STI	EXCEED 12%. RUCTURAL SHEATHING:
, 11.	THE METHODS, PROCEDURES, AND SEQUENCE OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE	ч.		ALL PANELS TO BE PLYWO
	CONTRACTOR. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.		В.	QUALITY TRADEMARK STA FLOORS SHALL BE NAILED
				THE GLUE SHALL CONFOR NUFACTURE'S SPECIFIC A
11.	DESIGN CRITERIA			WALLS SHALL BE 1/2", "C-I MINIMUM NAILING REQUIF
	BUILDING CODE: CALIFORNIA BUILDING CODE (CBC) 2016 EDITION OCCUPANCY CATEGORY: III			1.) NAIL SIZE: USE 0.148" NO. 8 FLAT HEAD SELI
	DEAD LOADS			0.285 INCHES OR NO.
4.	A. SELF WEIGHT OF STRUCTURE LIVE LOADS:			HEAD DIAMETER OF 0 2.) SPACING: SEE DRAWI
5.	A. ROOF LIVE LOAD: 20 PSF, 300 LB POINT LOAD (see ASCE 7-10 Table 4-1) WIND DESIGN DATA:			a. PANEL EDGES @ b. INTERIOR BEARIN
in en	RISK CATEGORY: III WIND EXPOSURE CATEGORY: C			c. GLUE LAM BEAMS 3.) PROVIDE 2x SOLID BL
G	BASIC WIND SPEED: V=115 MPH, 3 SEC GUST EARTHQUAKE DESIGN DATA:			4.) SHEATHING FASTENE 5.) HD GALVANIZED NAIL
0.			E.	PANEL LAYOUT:
	SEISMIC IMPORTANCE FACTOR: I = 1.25 SEISMIC DESIGN CATEGORY: E			1.) LONG DIMENSION OF PANELS AT WALLS MA
	SEISMIC DESIGN CATEGORY: E SITE CLASS: D BASIC SEISMIC RESISTING SYSTEM: WOOD SHEAR WALLS			2.) END JOINTS IN ADJAC 3.) MINIMUM PANEL WIDT
	BASIC SEISMIC RESISTING SYSTEM: WOOD SHEAR WALLS SYSTEM OVERSTRENGTH FACTOR: $\Omega = 3.0$			4.) EDGES OF ALL PANEL
	DEFLECTION AMPLIFICATION FACTOR: Cd = 4.0	6.		SIZE). ST HANGERS AND FRAMIN
	SPECTRAL RESPONSE ACCELERATION		Α.	DETAILS ARE SHOWN WIT RESEARCH RECOMMEND
	1.) SHORT PERIOD: Ss = 2.219 2.) 1 SECOND PERIOD: S1 = 0.829			BETWEEN END OF JOIST / NOT DETAILED, PROVIDE
	DESIGN SPECTRAL RESPONSE ACCELERATION 1.) SHORT PERIOD: Sds = 1.480			BOLTS FASTENING WOOD AND BOLT HEAD. HOLES
	2.)1 SECOND PERIOD: Sd1 = 0.829 SEISMIC RESPONSE COEFFICIENT: Cs = 0.285		.	BOLTS BEFORE CLOSING
	DESIGN BASE SHEAR: V = Cs TIMES W (=BUILDING SEISMIC DEAD LOAD) ANALYSIS PROCEDURE USED: EQUIVALENT LATERAL FORCE			USE TOP FLANGE JOIST H FRAMING MEMBER, UNLES
				ALL HANGERS TO BE SELI NAILING AS SHOWN THE I
	FOUNDATION			PROVIDE SLOPED SEATS SUBSTITUTIONS MUST BE
	FOUNDATION DESIGN IS BASED ON SOILS REPORT RECOMMENDATIONS BY EARTH SYSTEMS, PROJECT NO: 302294-00, REPORT NO: 18-7-25, DATED: JULY 12, 2018.		F.	CAPACITIES EQUAL TO OF HD GALVANIZED NAILS SH
2. 3.	FOUNDATION TYPE: CONTINUOUS FOOTING AND PAD FOOTINGS DESIGN ALLOWABLES:	7		SIMPSON HANGERS AT PR L PLATES AND ANCHOR BO
	A. SOIL BEARING: 1.5 KSF (DL+LL) B. LATERAL BEARING: 100 PSF/FT		Α.	SILL PLATES SHALL BE DO SILL PLATES ARE TO BEAI
4.	C. COHESION RESISTANCE = 130 PSF FOLLOW SOILS REPORT RECOMMENDATIONS FOR ALL FOUNDATION WORK. THE SOILS ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL EXCAVATIONS, SUB GRADES, FILLS		D.	TOPS OF ALL FOUNDATIO
	THE SOILS ENGINEER SHALL VERIFY CONDITION AND/OR ADEQUACY OF ALL EXCAVATIONS, SUB GRADES, FILLS AND BACK FILLS. NO REINFORCEMENT OR CONCRETE SHALL BE PLACED IN ANY EXCAVATION OR ON ANY SUBGRADE OR FILL UNTIL THAT WORK HAS BEEN REVIEWED AND APPROVED IN WRITING BY THE DSA ENGINEER.			FOUNDATION WALLS/SLA GRADE IS +/-1/8 INCH AND
6.	ALL FOOTINGS SHALL BEAR ON EITHER FIRM UNDISTRUBED SOIL OR COMPACTED STRUCTURAL FILL (NOT A		C.	INCH ALONG A 10 FOOT S ANCHOR BOLTS TO BE GA
	COMBINATION OF BOTH). THE BOTTOM OF FOOTING ELEVATIONS ARE SHOWN ON THE PLANS. WHERE SOFT OR LOOSE MATERIAL IS FOUND AT BOTTOM OF FOOTING ELEVATIONS, THE SOFT OR LOOSE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL AS DIRECTED BY THE SOILS ENGINEER.			STANDARD BOLT HEAD O
7.	FOR RETAINING WALLS, FREE STANDING WALLS AND OTHER STRUCTURES, ALL EXISTING FILL SHOULD BE REMOVED AND REPLACED WITH STRUCTURAL FILL. THE NEED FOR AND LIMITS FOR DEEPER EXCAVATION FOR			THE SPACING AND SIZE O LOCATE AN ANCHOR BOL
	THESE LIGHTLY LOADED STRUCTURES SHOULD BE DETERMINED BY THE DSA FIELD ENGINEER DURING GRADING BASED ON THE ACTUAL CONDITIONS ENCOUNTERED.			LENGTH OF PLATE TO HA
8.	THE SIDES OF FOUNDATIONS SHOWN STRAIGHT ARE FORMED. FOUNDATIONS POURED AGAINST THE EARTH AT CONTRACTOR'S OPTION REQUIRE THE FOLLOWING PRECAUTIONS:		G.	SILL PLATES SHALL NOT E
	A. SIDES OF EXCAVATION MUST BE VERTICAL (OVER POURING AND MUSHROOMING NOT ALLOWED). B. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF SOIL SLOUGHING BEFORE, DURING, AND	8.	FAE	PROVIDE 3x3x1/4 GALVAN BRICATION OF TIMBER CON
	AFTER POUR. CONTRACTOR TO PROVIDE FOR DE-WATERING OF EXCAVATION FOR EITHER SURFACE WATER, GROUND		А.	FABRICATION SHALL BE IN FOR WOOD CONSTRUCTION
10	WATER OR SEEPAGE IF REQUIRED. BACK FILL OVER EXCAVATED FOOTINGS WITH CONCRETE OF SAME DESIGN STRENGTH AS FOOTING			1.) A WASHER OR METAL HEAD AND/OR NUT. R
11.	CONCRETE OR COMPACTED STRUCTURAL FILL, AS DIRECTED OTHERWISE BY THE SOILS ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES,			2.) BOLT HOLES SHALL B 3.) LAG BOLTS:
	EXISTING STRUCTURES, ETC., WHETHER INDICATED OR NOT, WHICH MAY BE AFFECTED BY THE CONSTRUCTION PROCESS.			a. LEAD HOLES SHA
	UTILITY LINES SHALL NOT BE PLACED THROUGH OR BELOW FOUNDATIONS WITHOUT THE STRUCTURAL ENGINEER'S APPROVAL.			SHANK PORTION DIAMETER.
	SLABS ON GRADE SHALL BE SUPPORTED ON NATURAL GRADE OR COMPACTED STRUCTURAL FILL ACCORDING TO THE RECOMMENDATIONS OF THE 2016 CBC, PROJECT SPECIFICATIONS.	9.	BL(b. LAGS BOLTS SHA DCKING / BRIDGING;
13.	THE SLOPE BETWEEN THE LOWER EDGES OF ADJACENT FOUNDATIONS SHALL NOT EXCEED 45 DEGREES WITH THE HORIZONTAL, UNLESS INDICATED OTHERWISE IN THE DRAWINGS. MAINTAIN A 1.1 SLOPE FROM		А.	PROVIDE FULL DEPTH SO PROVIDE 2x SOLID BLOCK
13. 14		10	. NO	TCHING AND DRILLING FRA
13. 14. 15.	BOTTOM EDGE OF ANY EXCAVATION. THE CONTRACTOR SHALL PROVIDE FOR THE DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING AND SHORING FTC, REQUIRED FOR CONSTRUCTION OF THE BROJECT AND SHALL BE SOLELY RESPONSIBLE FOR			
13. 14. 15.	THE CONTRACTOR SHALL PROVIDE FOR THE DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING AND SHORING ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT			JOISTS, BEAMS, COLUMN
13. 14. 15.	THE CONTRACTOR SHALL PROVIDE FOR THE DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING AND SHORING ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AND SHALL BE SOLELY RESPONSIBLE FOR			JOISTS, BEAMS, COLUMN THE CONTRACTOR SHALL
13. 14. 15.	THE CONTRACTOR SHALL PROVIDE FOR THE DESIGN AND INSTALLATION OF ALL CRIBBING, SHEETING AND SHORING ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AND SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT			JOISTS, BEAMS, COLUMN THE CONTRACTOR SHALL
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S: WWPA GRADING RULES. STRUCTURAL AND FRAMING MEMBERS SHALLMOASTEURE PERCENT AT THE TIME OF INSTALLATION. STRESS VALUES SHACEAN MERTHER VALUES: ING PARTITIONS): CONST. GRADE, D.FIR/LARCH, S.DRY .FIR/LARCH, S.DRY

No. 1, D.FIR/LARCH, S.DRY AL LIGHT FRAMING: No. 1, D.FIR/LARCH, S.DRY PLANKS: No. 1, D.FIR/LARCH, S.DRY . 1, D.FIR/ LARCH / S.DRY . 1, D.FIR/LARCH, S.DRY

IN CONTACT WITH CONCRETE OR MASONRY OR EXPOSED TO WEATHER AND IALL BE PRESSURE TREATED DOUGLAS FIR-LARCH. TREATMENT PER THE WOOD PRESERVERS ASSOCIATION STANDARDS. ALL FASTENERS AND CTING TREATED LUMBER SHALL BE HOT-DIPPED GALVANIZED OR

JGLAS FIR-LARCH Fb = 2400 PSI COMB 24F-V4 CAMBER = SPAN/400, EXCEPT ER IS REQUIRED IN BEAMS WITH SPAN LESS WITH THAN 20'-0" LUE LAM MEMBERS TO BE 24F-V8 ABRICATED WITH WATERPROOF ADHESIVE.

IANUFACTURED PER ANSI A190.1-CURRENT EDITION WITH THE ADDITIONAL THE MOISTURE CONTENT AT THE TIME OF MANUFACTURE SHALL NOT

WOOD OF MINIMUM 5 PLY CONSTRUCTION. EACH PANEL SHALL BEAR THE STAMP OF THE "AMERICAN PLYWOOD ASSOCIATION". LED & GLUED PER APA GLUED FLOOR SYSTEM REQUIREMENTS. FORM TO PERFORMANCE SPECIFICATION AFG-01. FOLLOW

APPLICATION RECOMMENDATIONS. "C-D", STRUCTURAL 1 GROUP 1, SPAN INDEX 32/16, EXPOSURE 1. UIREMENTS:

48" DIAMETER x 2 1/4" GUN NAIL. AT STEEL STUD CONSTRUCTION: SELF-DRILLING TAPPING SCREW WITH A MINIMUM HEAD DIAMETER OF NO. 10 FLAT HEAD SELF-DRILLING TAPPING SCREW WITH A MINIMUM OF 0.333 INCHES

WINGS FOR SPECIAL NAILING REQUIREMENTS: C. @ 6" OC.

RINGS @ 12" OC. MS & SHEAR COLLECTORS @ 6" OC.

BLOCKING AT PANEL EDGES OF WALL SHEATHING. NERS SHALL BE DRIVEN FLUSH BUT SHALL NOT FRACTURE THE FACE PLY. AILS SHALL BE USED WHEN NAILING TO PRESSURE TREATED MEMBERS.

OF PANEL TO BE PERPENDICULAR TO FRAMING MEMBERS, EXCEPT MAY BE INSTALLED WITH LONG DIMENSION PARALLEL TO STUDS. ACENT RUNS SHALL BE STAGGERED 4 FEET. /IDTH SHALL BE 12".

NELS LESS THAN 24" WIDE SHALL BE BACKED BY BLOCKING (2x4 MIN

AING CONNECTORS:

WITH SIMPSON "STRONG-TIE" CONNECTORS. NAILING SHALL BE PER ICC NDATIONS TO ACHIEVE FULL ICC APPROVED LOADS. THE MAXIMUM GAP ST AND FACE OF SUPPORTING MEMBER SHALL BE 1/8". WHERE CONNECTION IS DE APPROPRIATE CONNECTOR PER MANUFACTURER'S RECOMMENDATION. OOD MEMBERS SHALL BE FITTED WITH STANDARD CUT WASHERS AGAINST NUT ES FOR BOLTS SHALL BE BORED 1/32" MAXIMUM OVERSIZE. RETIGHTEN ALL

T HANGERS WHERE A MEMBER FRAMES INTO THE SIDE OF ANOTHER NLESS OTHERWISE NOTED. SELECTED TO MATCH SIZE OF SUPPORTED MEMBER AND SHALL HAVE FULL

HE ICC REPORT TS HANGERS FOR SLOPING I JOIST INSTALLATIONS BE APPROVED BY THE ARCHITECT AND HAVE ICC APPROVED LOAD OR GREATER THAN THE SIMPSON "STRONG-TIE" CONNECTORS SHALL BE USED WHEN NAILING TO PRESSURE TREATED MEMBERS

PRESSURE TREATED MEMBERS SHALL HAVE ZMAX COATING BOLTS:

DOUGLAS FIR/LARCH NO.2 AND PRESSURE TREATED. EAR FULLY ON THE TOPS OF THE FOUNDATION WALLS AND/OR SLABS. THE

TION WALLS/SLABS SHALL BE SMOOTH AND LEVEL. THE TOPS OF SLABS SHALL BE CONSIDERED LEVEL WHEN THE MAXIMUM DEVIATION FROM ND THE DEPRESSION BETWEEN HIGH SPOTS IS NOT GREATER THAN 1/8 T STRAIGHT EDGE.

GALVANIZED OR STAINLESS STEEL ASTM F 1554, GRADE 36 WITH O OR EQUAL DEFORMATION IN THE EMBEDDED PORTION. CUT THREADS ANCHOR BOLTS.

E OF ANCHOR BOLTS SHALL BE AS SHOWN IN DETAILS. BOLT AT 6" MINIMUM TO 12" MAXIMUM FROM ENDS OF EACH PIECE. EACH HAVE A MINIMUM OF TWO ANCHOR BOLTS. OR BOLTS AS REQUIRED, WHERE PLATE IS CUT OR NOTCHED. OT BE DAPPED AT BOLT HEADS.

ANIZED OR STAINLESS STEEL PLATE WASHERS AT ALL ANCHOR BOLTS. CONNECTORS:

E IN ACCORDANCE WITH 2015 EDITION "NATIONAL DESIGN SPECIFICATION CTION" TAL PLATE SHALL BE PROVIDED BETWEEN THE WOOD AND THE BOLT RETIGHTEN BOLTS BEFORE CLOSING IN.

L BE 1/16" MAXIMUM OVERSIZE.

SHALL BE DRILLED FOR LAG BOLTS: ON = SHANK DIAMETER. THREADED PORTION = 70% OF SHANK

SHALL BE INSTALLED USING A PROPER WRENCH.

SOLID BLOCKING BETWEEN JOISTS AND RAFTERS OVER SUPPORTS. OCKING BETWEEN STUDS AT MID HEIGHT IN WALLS OVER 8'-0" TALL.

FRAMING MEMBERS: CAUTIONED ABOUT THE DRILLING AND NOTCHING OF STUDS, PLATES,

WNS, AND OTHER FRAMING MEMBERS. IALL CONSULT WITH THE STRUCTURAL ENGINEER BEFORE NOTCHING OR IG MEMBERS WHERE NOT SPECIFICALLY DETAILED IN STRUCTURAL DRAWINGS.

III. FRAMING LUMBER CONT.

. NAILING SCHEDULE: CONNECTION

JOIST TO SUPPORT - TOE NAIL **BRIDGING TO JOIST - TOE NAIL EACH END BLOCKING TO JOIST - TOE NAIL EACH END**

- BLOCKING TO PLATE OR BEAM TOE NAIL 2" DECKING TO SUPPORT - BLIND & FACE NAIL
- STUD TO PLATE TOE NAIL OR - END NAIL 2x6 & 2x4 STUDS AND - END NAIL 2x8 STUDS .
- MULTIPLE STUDS OR LAMINATED COLUMNS FACE NAIL ... TOP PLATES - FACE NAIL .
- TOP PLATES JOINTS & INTERSECTIONS FACE NAIL . LAMINATED HEADER - FACE NAIL ALONG EACH EDGE ...
- JOISTS, LAPS OVER SUPPORTS FACE NAIL . BUILT-UP CORNER STUDS .
- A. NAILING SCHEDULE AND THE STRUCTURAL DETAILS ARE BASED ON THE USAGE OF "COMMON" WIRE NAILS, EXCEPT THAT 16d "SINKER" NAILS (0.148" DIA x 3-1/4") MAY BE USED WHERE 16d IS SPECIFIED. IF "GUN" NAILS ARE USED, THE CONTRACTOR SHALL SUBMIT NAIL DATA FOR REVIEW
- PRIOR TO BEGINNING CONSTRUCTION. B. HD GALVANIZED OR STAINLESS STEEL NAILS SHALL BE USED WHEN NAILING TO PRESSURE TREATED MEMBERS

IV. CONCRETE

- 1. ALL CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH ACI 318. USE MIXES WITH A MAXIMUM AGGREGATE SIZE APPROPRIATE FOR FORM AND REBAR CLEARANCES TO BE ENCOUNTERED IN
- ACCORDANCE WITH ACI RECOMMENDATIONS. 2. THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE OWNERS TESTING LABORATORY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S. SUBMIT TEST DATA ON EACH PROPOSED MIX FOR REVIEW IN ACCORDANCE WITH CBC 2016 SECTION 1903A, 1904A, AND ACI 318. MIX DESIGNS SUBMITTED WITHOUT THE REQUIRED TEST DATA WILL BE RETURNED WITHOUT REVIEW.
- 3. PORTLAND CEMENT SHALL CONFORM TO ASTM C 150 TYPE I OR II. AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL CONFORM TO ALL REQUIREMENTS AND TESTS OF ASTM C 33 AND PROJECT SPECIFICATIONS.
- AGGREGATE FOR LIGHTWEIGHT CONCRETE SHALL CONFORM TO ASTM C 330. 6. CONCRETE SHALL HAVE THE FOLLOWING 28 DAY STRENGTHS, F'c: (ALL CONCRETE SHALL BE NORMAL WEIGHT, EXCEPT AS NOTED) A. FOUNDATIONS: 4000 PSI,
- B. SLABS ON GRADE: 3000 PSI ALL OTHER CONCRETE: 3000 PSI, U. N. O.
- SCHEDULING OF WORK MAY REQUIRE ACHIEVEMENT OF DESIGN STRENGTH IN A SHORTER PERIOD OF TIME. CONSTRUCTION JOINTS SHALL BE THOROUGHLY ROUGHENED (1/4" AMPLITUDE) BY SAND BLASTING OR MECHANICAL MEANS. CLEAN BEFORE POUR. LOCATION TO BE APPROVED BY THE STRUCTURAL ENGINEER. SUBMIT LOCATION PLAN OR ALL PROPOSED JOINTS NOT INDICATED ON DRAWINGS FOR APPROVAL PRIOR TO BEGINNING WORK.
- 9. ALL CONCRETE TO BE REINFORCED, UNLESS SPECIFICALLY NOTED "NOT REINFORCED". 10. CONDUIT OR PIPE SIZE (O.D.) SHALL NOT EXCEED 30% OF SLAB THICKNESS, AND SHALL BE PLACED FOUR DIAMETERS MINIMUM APART, UNLESS SPECIFICALLY DETAILED OTHERWISE.
- 11. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE PRIOR TO POURING CONCRETE. DO NOT CUT REINFORCING.
- 12. CORING OF CONCRETE IS NOT PERMITTED UNLESS REVIEWED BY THE STRUCTURAL ENGINEER. 13. EXPOSED PROJECTING CORNERS OF BEAMS, WALLS, COLUMNS, ETC., SHALL BE FORMED WITH A 3/4"
- CHAMFER, UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. 14. PRIOR TO PLACING CONCRETE, THE CONTRACTOR SHALL ENSURE THAT ALL REINFORCING AND
- EMBEDMENTS, INCLUDING COLUMN ANCHOR BOLTS, ARE PROPERLY LOCATED AND SECURELY TIED IN PLAC 15. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING CURING CONCRETE FROM FREEZING AND HOT WEATHER PER ACI 306.1 AND ACI 305 RESPECTIVELY.
- 16. NO LOADS SHALL BE PLACED ON STRUCTURAL CONCRETE SLABS WITHIN 7 DAYS AFTER CONCRETE IS PLACED, AFTER CONCRETE IS PLACED, IN NO CASE SHALL THE SUPERIMPOSED CONSTRUCTION LOADS BE GREATER THAN SPECIFIED DESIGN LIVE LOADS. UNLESS THE WORK IS SHORED.
- 17. CONTRACTOR SHALL SURVEY ALL CONCRETE WORK WITHIN 48 HOURS OF PLACING CONCRETE TO ENSURE THAT PLACEMENT IS IN ACCORDANCE WITH PROJECT REQUIREMENTS. 18. PROVIDE LIGHTWEIGHT SELF-LEVELING MATERIAL AT ELEVATED CONCRETE SLABS AND CONCRETE FILL OVER METAL DECK AS REQUIRED TO MEET FLOOR FLATNESS AND LEVELNESS REQUIREMENTS.

V. REINFORCING STEEL

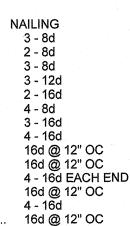
- 1. ALL REINFORCING STEEL FOR CONCRETE AND/OR MASONRY CONSTRUCTION SHALL BE PLACED IN CONFORMANCE WITH "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE", ACI 318; "BUILDING CODE REQUIREMENTS FOR MASONRY CONSTRUCTION", ACI 530: "SPECIFICATIONS FOR MASONRY STRUCTURES", ACI 530.1; AND THE "ACI DETAILING MANUAL" AS MODIFIED BY THE PROJECT DRAWINGS AND SPECIFICATIONS.
- REINFORCING STEEL: A. DEFORMED BARS, ASTM A 615 GRADE 60. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706, GRADE 60.
- . WELDED WIRE FABRIC, ASTM A 185. C. SHEAR WALL BOUNDARY ELEMENTS, LATERAL LOAD RESISTING FRAME ELEMENTS,
- AND AT WELDED REINFORCING, ASTM A706. REINFORCING STEEL SHALL HAVE THE FOLLOWING CONCRETE COVER, UNLESS OTHERWISE NOTED: CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3".
- B. CONCRETE FORMED AND EXPOSED TO EARTH OR WEATHER: 1.) #6 THROUGH #11 BARS: 2".
- 2.) #5. W31 OR D31 WIRE, AND SMALLER: 1 1/2". C. CONCRETE NOT EXPOSED TO WEATHER OR NOT IN CONTACT WITH THE GROUND:
- 1.) SLABS AND WALLS: 3/4". 2.) BEAMS AND COLUMNS PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS: 1 1/2" ALL LÁP SPLICES SHALL BE CLASS B SPLICE AND 2'-0" MINIMUM, UNLESS OTHERWISE NOTED.
- PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND SPACING OF WALL OR COLUMN REINFORCEMENT. EXTEND DOWELS A LAP SPLICE LENGTH INTO WALL OR COLUMN AND TERMINATE WITH STANDARD HOOK
- 3" ABOVE BOTTOM OF FOOTING, UNLESS OTHERWISE NOTED. ALL REINFORCING STEEL AND EMBEDMENTS TO BE HELD SECURELY IN PLACE PRIOR TO PLACING CONCRETE. PROVIDE SUFFICIENT SUPPORTS TO ALLOW WALKING ON REINFORCEMENT.
- WELDING OF REINFORCING IS PROHIBITED, UNLESS APPROVED BY STRUCTURAL ENGINEER. REINFORCEMENT SHALL BE PLACED IN RELATIVE POSITION SHOWN ON THE DRAWINGS. NO SPLICES IN REINFORCING WILL BE PERMITTED, UNLESS SHOWN IN THE STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER.
- STAGGER LAP SPLICES OF ADJACENT BARS IN CONTINUOUS FOUNDATION MEMBERS 5'-0" MIN.). FUSION WELDING OF RODS TO LONGITUDINAL REBAR IS PROHIBITED FUSION WELDING OF RODS TO STIRRUPS IS NOT PERMITTED UNLESS SPECIFICALLY APPROVED BY S.E.O.R. & D.S.A.

VI. STRUCTURAL OBSERVATION

- 1. THE OWNER SHALL EMPLOY THE S.E.O.R. RESPONSIBLE FOR THE STRUCTURAL DESIGN TO PERFORM STRUCTURAL OBSERVATION AS DEFINED IN CBC 2016 SECTION 1709A. OBSERVED DEFICIENCIES SHALL BE REPORTED IN WRITING TO THE OWNER'S REPRESENTATIVE, SPECIAL INSPECTOR, CONTRACTOR AND THE BUILDING OFFICIAL THE STRUCTURAL OBSERVER SHALL SUBMIT TO THE BUILDING OFFICIAL A WRITTEN STATEMENT THAT THE SITE VISITS HAVE BEEN MADE AND IDENTIFYING ANY REPORTED DEFICIENCIES WHICH, TO THE BEST OF THE STRUCTURAL OBSERVER'S KNOWLEDGE, HAVE NOT BEEN RESOLVED.
- STRUCTURAL OBSERVATION SHALL BE PERFORMED FOR THE FOLLOWING CONSTRUCTION STAGES: A. PRIOR TO CONCRETE POUR(S) OF FOOTINGS B. PRIOR TO COVER OF:
 - 1) NEW EQUIPMENT ATTACHEMENT POINTS 2) ROOF FRAMING SYTEM

VII. EXISTING CONDITION

EXISTING CONDITIONS ARE SHOWN BASED ON AVAILABLE BUILDING DOCUMENTS AS PREPARED BY HILLMAN & NOWELL DATED 09/1947. THE CONTRACTOR SHALL NOTIFY THE SEOR IF CONDITIONS ARE NOT SHOWN PRIOR TO PROCEEDING WITH THE WORK.



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E. ₹.	1.	INSTA OR O ALL M SPEC A. SI 1) 2) 3) 4) 5) B. PI ADHE WITH A. C 1)	LLATION H THER SUIT ISDRILLEI AL INSPEC PECIAL INS DRILL-B CHECK PRC VERIFY VERIFY MAN CHECK PUE ERFORM P SIVE ANCH CURRENT ONCRETE SET-XP E	HOLES TABLE I D OR U CTION J SPECTI IT COM HOLE I DUCT EPOXY INSTAL ULL-O HORS & PROD DIAME POXY	FOR POS METHODS NACCEPT AND ANCH ON IS REG PLIANCE DEPTH & C NAME, RC (ADHESIV LATION A TURER'SC OR INSTRU D INSTRU UT OR TO & REINFOR UCT ICC F ETER AS N ADHESIVE	TO ENSUF TABLE HOLE HOR TESTIN QUIRED UN WITH ANSI CLEANLINES DD DIAMETE (E EXPIRAT ND IN-SER CURRENT IC LATION ME CTIONS AN RQUE TEST RCING STEE REPORT. TI IOTED IN D E AS MANUF	D ANCHC RE THAT E S SHALL NG: LESS NOT B94 12-19 SS, PROD ER AND LE ION DATE VICE TEM CC REPOR THOD RE THOD RE THOD RE THOD RE EL DOWEI HE FOLLC ETAILS. M	PRS SHALI XISTING I NOT BE L TED OTHE OTT. UCT DESC ENGTH. E PERATUR REATUR REATUR REENT IC SPECIFIC LS: INST/ WING EP MINIMUM I O BY SIMP	CRIPTION INCLUDING RE REQUIREMENTS MEET REMENTS. INTS WITH MANUFACTURER'S IC REPORT. ALLY NOTED IN DRAWINGS. ALLATION SHALL BE IN ACCOR OXIES ARE APPROVED: EMBEDMENT = 8 DIAMETERS. SON STRONGTIE, ICC-ESR 2508			IDENTIFICATION IV. OF THE STATE	STAMP ARCHITECT 6 7 SSM.1
		B. SÓ M	OLID GROU		/IASONRY IENT = 8 D	DIAMETEI	R AS NOT	ED IN DET					
ACE.	4	ADHE USE H INSTA SPAC INSTR EXPAI THE F A. Co 1)	C-ES ESR HIT HY-20 SIVE ANCH IILTI 1/2" D LL ANCHO ING AS INE UCTIONS. NSION AND OLLOWING ONCRETE: STRONG	1772 DO AS N HORS I IAMET DRS INT DICATE CHORS G ANCI DIAN BOLT	IANUFACT NTO EXIS ER HIT-A TO FACE S D IN STRU D IN STRU IN STRU HORS ARE METER AS AS MANUF	TURED BY H TING UNGR THREADED SHELL OF E JCTURAL D LATION SH APPROVE NOTED IN FACTURED	IILTI, INC., OUTED M ROD, HIT XISTING L RAWINGS ALL BE IN D: DETAILS. BY SIMPS	, ICC-ES E IASONRY -HY150 AE JNGROUT S. INSTALL ACCORD MINIMUN ON STROI		DERS		OJA UNIFIE SCHO DISTRI	ED OL
	6.	3) B. S M 1) 2) SCRE	TRUBOLT OLID GROU INIMUM EN KWIK BO SIMPSON W ANCHO	I + AS M UTED M MBEDM LT 3 AS I STRO RS: IN	IANUFACT MASONRY IENT = 8 D S MANUFA NGTIE WE STALLATIO	URED BY IT DIAMETERS CTURED BY DGE ALL, ON SHALL E	TW-RAMSE ER AS NO Y HILTI IN ICC ESR 1 BE IN ACC	ET/REDHE TED IN DE C, ICC ES I396 Ordance	AD, ICC-ES ESR 2427 TAILS. R 1385 E WITH CURRENT PRODUCT ICC			MATILI	HIGH
	7.	NOTE 1) WHEF REQU OF SL MEME REQU	D OTHERV TITEN HD RE ANCHO IRED IN C IFFICIENT ER DUE T IRED WAS	NISE. ANCHO RS ARI DRDER SIZE T O TIGH SHER S	DR AS MA E INSTALL TO ACHIE O PREVEN ITENING C SIZE PRIO	NUFACTUR ED IN CON VE TORQU NT NOTICE/ DF NUT. USI R TO INSTA	ED BY SIN TACT WIT E REQUIR ABLE DEF E MINIMUI	H WOOD I RED BY TH ORMATIO M WASHE	DMENT = 8 DIAMETERS UNLESS RONGTIE, ICC-ES ESR-2713 . FRAMING AN OVERSIZE WASHER IE ICC REPORT. THE WASHER SH N OF WOOD FIBERS ON FACE OF R SIZE 1/4"X3" SQUARE. VERIFY	IALL BE	F	SCHOOL REROOF AND LOC RM REMC	ING KER DDEL
	8.	ICC R ESR 1 PUBLI A. W	EPORT. A 799 AND S SHED INS [®] OOD OR L	PPRO\ IMPSO TRUCT .IGHT (/ED ARE N N ICC-I IONS. GAGE STE	IANUFÁCTI E R ESR 213 EL TO STEI	JRED BY 8. ANCHC EL CONNE	HILTI I DR TYPE T ECTIONS:	L BE IN ACCORDANCE WITH PROI CC-ER ESR 1663, RAMSET ICC- O BE SELECTED PER MAUNFACT 0.145" DIAMETER, MAXIMUM ONS AND ICC REPORT FOR PROF	ER TURERS		OJAI, CA 9	
		F/ B. W	ASTENER I	EMBED	MENT INT	O STEEL.	CRETE C	ONNECTIO	ONS: 0.145" DIAMETER, MAXIMUM				
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Sheet Name GENERAL NOTES

09-18-2018

40410.08 05/31/18 A.L. F.G. Sheet Number

Date Drawn by Checked by

XIV. TESTING AND INSPECTION

- 1. SPECIAL INSPECTION IN ACCORDANCE WITH SECTION 1701 OF CBC AND DSA 103 FORM REQUIRED FOR BUT NOT LIMITED TO:
- A. FOOTING EXCAVATIONS AND COMPACTION PERIODIC B. PLACEMENT OF CONCRETE - CONTINUOUS
- C. PLACEMENT OF REINFORCING STEEL PERIODIC
- D. ANCHOR BOLTS SET IN CONCRETE PERIODIC E. CONCRETE / GROUT STRENGTH TESTING - CONTINUOUS
- F. EPOXY ANCHOR, EPOXY DOWEL AND EXPANSION ANCHOR CONTINUOUS
- G. STRUCTURAL WELDING (SHOP AND FIELD) CONTINUOUS AT COMPLETE, PARTIAL, AND FILLET WELDS > 5/16", OTHERWISE PERIÓDIC
- H. SHEAR CONNECTOR (WELD STUD) PERIODIC I. HIGH STRENGTH BOLTING - PERIODIC, CONTINUOUS DURING SC TENSIONING
- J. SPRAYED FIRE-PROOFING APPLICATION PERIODIC K. DIAPHRAGM AND SHEARWALL NAILING - PERIODIC
- 2. THE FOLLOWING ADDITIONAL SYSTEMS AND COMPONENTS IN STRUCTURES ARE SUBJECT TO PERIODIC SPECIAL INSPECTIONS:
- A. ANCHORAGE OF ELECTRICAL EQUIPMENT USED FOR EMERGENCY OR STANDBY POWER SYSTEMS B. EXTERIOR WALL PANELS AND THEIR ANCHORAGE.
- C. SUSPENDED CEILING SYSTEMS AND THEIR ANCHORAGE D. ACCESS FLOORS AND THEIR ANCHORAGE
- E. STEEL STORAGE RACKS AND THEIR ANCHORAGE, WHERE THE IMPORTANCE FACTOR IS EQUAL TO 1.5 IN ACCORDANCE WITH SECTION 15.5.3 OF ASCE 7.

3. 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 OFRESPONSIBILITY 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 THE FOLLOWING:

- A. ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS
- B. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO OBTAIN CONFORMANCE WITH THE
- CONSTRUCTION DOCUMENTS APPROVED BY THE BUILDING OFFICIAL. C. PROCEDURES FOR EXERCISING CONTROL WITHIN THE CONTRACTOR'S ORGANIZATION, THE METHOD AND FREQUENCY OF REPORTING AND THE DISTRIBUTION OF THE REPORTS.
- D. IDENTIFICATION AND QUALIFICATION OF THE PERSON(S) EXERCISING SUCH CONTROL AND THEIR POSITIONS(S) IN THE ORGANIZATION.

VIII. STRUCTURAL STEEL

1/2"

- 1. ALL STRUCTURAL STEEL TO BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH AISC
- SPECIFICATIONS. 2. ALL WELDING SHALL CONFORM TO CURRENT AMERICAN WELDING SOCIETY STANDARDS AND TO BE
- PERFORMED BY CERTIFIED WELDERS. 3. ALL WELDING ELECTRODES SHALL BE E70XX, UNLESS OTHERWISE NOTED.
- 4. STEEL GRADES:
- A. PLATES, SHAPES AND RODS: ASTM A 36. B. W SHAPES: ASTM A 992.
- C. HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A 500, GRADE B. D. PIPE: ASTM A 53, GRADE B.
- E. BOLTS: ASTM A 325N FOR STEEL TO STEEL CONNECTIONS., A325 SC @ COLLECTOR CONNECTIONS. ANCHOR BOLTS: ASTM F 1554, GRADE 36, UNO ON PLANS. ANCHOR BOLTS SHALL HAVE STANDARD BOLT HEAD EXCEPT AS NOTED
- REQUIRED EMBEDMENT FROM CONCRETE FACE LEDGER, ETC SILL PLATES & COLUMN TOPS DIAMETER
- 5/8' 3/4' 7/8"
- G. BASE PLATES: ASTM A 36. . FRAME BASE PLATES: ASTM A 572, GRADE 50.
- FRAME JOINT CONTINUNITY GUSSET PLATES AND DOUBLER PLATES: ASTM A572, GRADE 50. HEADED STUD ANCHORS (HSA) / WELDED STUDS (WS): ASTM A108. USE NELSON SHEAR CONNECTORS 5 AS MANUFACTURED BY THE NELSON DIVISION OF TRW, INC. AND WELDED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES. REFER TO DETAILS FOR STUD DIAMETER AND
- LENGTH. 6. DEFORMED BAR ANCHORS (DBA): ASTM A496. USE NELSON DEFORMED BAR ANCHORS AS MANUFACTURED BY THE NELSON DIVISION OF TRW, INC. AND WELDED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS AND PROCEDURES. REFER TO DETAILS FOR BAR DIAMETER AND
- LENGTH 7. ALL GROOVE WELDS SHALL BE COMPLETE PENETRATION, UNLESS OTHERWISE NOTED. ALL FILLET
- WELDS SHALL BE PER AISC. MINIMUM SIZES ARE BASED ON THICKNESS OF MATERIALS JOINED UNLESS OTHERWISE NOTED.
- 8. BOLT HOLES SHALL BE NO MORE THAN 1/16" OVERSIZE, UNLESS OTHERWISE NOTED. WHERE OVERSIZED HOLE IS REQUIRED AT BASE PLATES, PROVIDE 5/16"x3"x3" PLATEWASHER WELDED TO THE BASE PLATE, WITH 1/4" FILLET
- WELD x 2 1/2" ON THREE SIDES. 9. ALL STEEL EXPOSED AT EXTERIOR LOCATIONS SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED. 10. BEAMS SHALL BE CAMBERED AS NOTED ON DRAWINGS. CAMBER SHALL APPROXIMATE A CIRCULAR ARC. CAMBER ACCOMPLISHED BY INSTALLING A SINGLE KINK AT MID SPAN OF BEAMS IS NOT ACCEPTABLE.
- 11. GAS CUTTING TORCHES SHALL NOT BE USED TO CORRECT FABRICATION ERRORS WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER. 12. NON-SHRINK GROUT IS REQUIRED UNDER ALL BASE PLATES. GROUT SHALL COMPLY WITH ASTM C 1107
- GRADE A AND ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI AT 28 DAYS. 13. ALL DETAILS ARE TYPICAL. FOR CONDITIONS NOT SPECIFICALLY SHOWN, CONTRACTOR SHALL APPLY
- SIMILAR CONCEPT OR INTENT TO DETAIL THOSE CONDITIONS AND SUBMIT FOR REVIEW AND APPROVAL. 14. STEEL MEMBERS CONNECTING TO OR SUPPORTING WOOD FRAMING SHALL HAVE 1/2" DIAMETER THREADED STUDS AT 24" O.C. TYPICAL U.N.O.

WOOD LEGEND

 \boxtimes

XX'-XX" ----- INDICATES WOOD POST. SEE PLAN FOR SIZE.

INDICATES TOP OF ROOF DECK ELEVATION

INDICATES PLYWOOD/SHEATHING

INDICATES FRAMING EXTENTS

----- INDICATES BLOCKING

CONCRETE/ FOUNDATION LEGEND

INDICATES STEP IN SLAB/FRAMING.

ABBREVIATIONS

AB ABV ADDM ALT ALUM AN APPROX ARCH AVG	ANCHOR BOLT ABOVE ADDENDUM ALTERNATE ALUMINUM ANCHOR APPROXIMATE ARCHITECTURAL AVERAGE
B BF BLDG BLKG BLW BM BO BOC BOD BOF BOS BOT BRG BRK BTWN BZ	BOTTOM (REINF) BRACED FRAME BUILDING BLOCKING BELOW BEAM BOTTOM OF BOTTOM OF CONCRETE BOTTOM OF CONCRETE BOTTOM OF FRAMING BOTTOM OF STEEL BOTTOM BEARING BRICK BETWEEN BOUNDARY ZONE
CBC CIP CJ CL CLG CLR CMU COL CONC CONC CONN CONT COORD CP CSJ CSK CTR	CALIFORNIA BUILDING CODE CAST IN PLACE CONTROL JOINT CENTERLINE CEILING CLEAR CONCRETE MASONRY UNIT COLUMN CONCRETE CONNECTION CONTINUOUS COORDINATE COMPLETE PENETRATION CONSTRUCTION JOINT COUNTER SINK CENTER
DBA DBL DEMO DF-L D, DIAM DIAG DIAPH DIM DJ DL DN DC DN DO DP DTL DWG	DEFORMED BAR ANCHOR DOUBLE DEMOLISH DOUGLAS FIR / LARCH DIAMETER DIAGONAL DIAPHRAGM DIMENSION DOUBLE JOIST DEAD LOAD DOWN DITTO (SAME) DEEP DETAIL DRAWING
ELEV	EACH EXPANSION BOLT EACH FACE EXPANSION JOINT ELEVATION ELEVATOR EDGE NAILING EQUAL EQUIPMENT EACH SIDE EACH WAY EXISTING EXPANSION EXTERIOR
FDN FIN FLR FO FOB FOC FOF FOF FOS FOSH FOS FOFW FT FS FTG	FOUNDATION FINISH FLOOR (ING) FACE OF FACE OF BRICK FACE OF CONCRETE FACE OF FINISH FACE OF MASONRY FACE OF SHEATHING FACE OF SHEATHING FACE OF STUD FACE OF FOUNDATION WALL FACE OF WALL FEET FAR SIDE FOOTING
GA GALV GL GYP GWB	GAUGE GALVANIZED GLU-LAM GYPSUM GYPSUM WALL BOARD
HD HDG HDR HORIZ HSA HSB HSS HT HVAC	HOLD DOWN HOT-DIP GALVANIZED HEADER HORIZONTAL HEADED STUD ANCHOR HIGH STRENGTH BOLTS HOLLOW STRUCTURAL STEEL HEIGHT HEATING VENTILATING & AC
IBC ID IF IN INFO INT	INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSIDE FACE INCHES INFORMATION INTERIOR
IST	IOIST

JOIST

JOINT

JST

JT

LBS POUNDS LEFT HAND LIVE LOAD LLH LONG LEG HORIZONTAL LLV LONG LEG VERTICAL LOC(S) LOCATION(S) LSL LAMINATED STRAND LUMBER LAMINATED VENEER LUMBER LVL LV LENGTH VARIES MAX MAXIMUM MECH MECHANICAL MEZZ MEZZANINE MFR/MFG MANUFACTURER MIN MINIMUM MISC MISCELLANEOUS MO MASONRY OPENING MS METAL STUD MTL METAL NOT APPLICABLE N/A NOT IN CONTRACT & NOT NIC PART OF THE APPLICATION NUMBER NOM NOMINAL NEAR SIDE NS NTS NOT TO SCALE (N) NEW OC ON CENTER OD -OUTSIDE DIAMETER OUTSIDE FACE OH OPPOSITE HAND OPNG OPENING OPP OPPOSITE PAF POWDER ACTUATED FASTENERS PJ PANEL JOINT PLATE PLWD PLYWOOD PNL PANEL PP PARTIAL PENETRATION PSF POUNDS PER SQUARE FOOT PARALLEL STRAND LUMBER PSL PT POST TENSIONED/ PRESSURE TREATED R, RAD RADIUS REF REFERENCE REINF REINFORCEMENT REQD REQUIRED REV REVISION **RIGHT HAND** RH RO ROUGH OPENING SAD SEE ARCHITECTURAL DRAWINGS SCD SEE CIVIL DRAWINGS SCH SCHEDULE SCL STRUCTURAL COMPOSITE LUMBER SECT SECTION SQUARE FEET SHT SHEET SHEATHING SHTG SIM SIMILAR SNOW LOAD SL SEE MECHANICAL DRAWINGS SMD SOG SLAB ON GRADE SPECS SPECIFICATIONS SQ SQUARE SS STAINLESS STEEL STD STANDARD STGD STAGGERED STL STEEL STIFF STIFFENER STRUCT STRUCTURAL SYMM SYMMETRICAL TOP (REINF) T&B TOP AND BOTTOM T&G TONGUE AND GROOVE TEMP TEMPERATURE THK THICK (NESS) TN TOE NAIL TO TOP OF TOC TOP OF CONCRETE TOD TOP OF DECK (ING) TOF TOP OF FRAMING FOOTING TOM TOP OF MASONRY TOPL TOP OF PLATE TOS TOP OF STEEL TOW TOP OF WALL TSA THREADED STUD ANCHOR TS6 TAPERED GIRDER TYP TYPICAL UNO UNLESS NOTED OTHERWISE VERT VERTICAL VIF VERIFY IN FIELD WITH W/O WITHOUT WD WOOD WP WORK POINT WS WELDED STUD WT WEIGHT WELDED WIRE FABRIC WWF YD YARD POUND, SCREW SIZE, REBAR SIZE

KIP(S), 1000 POUNDS

K

LH

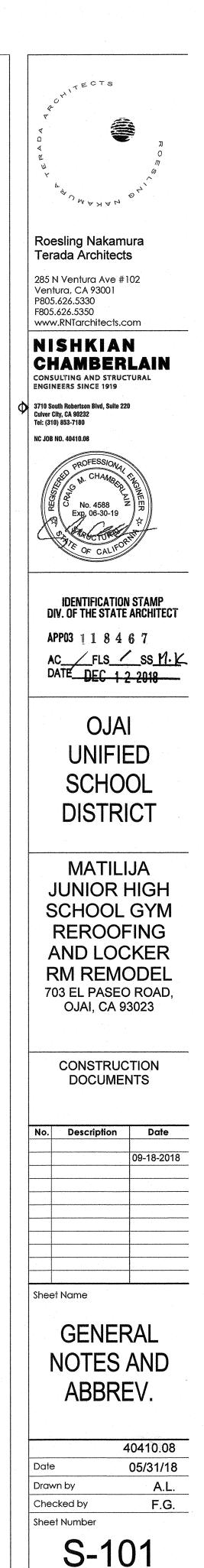
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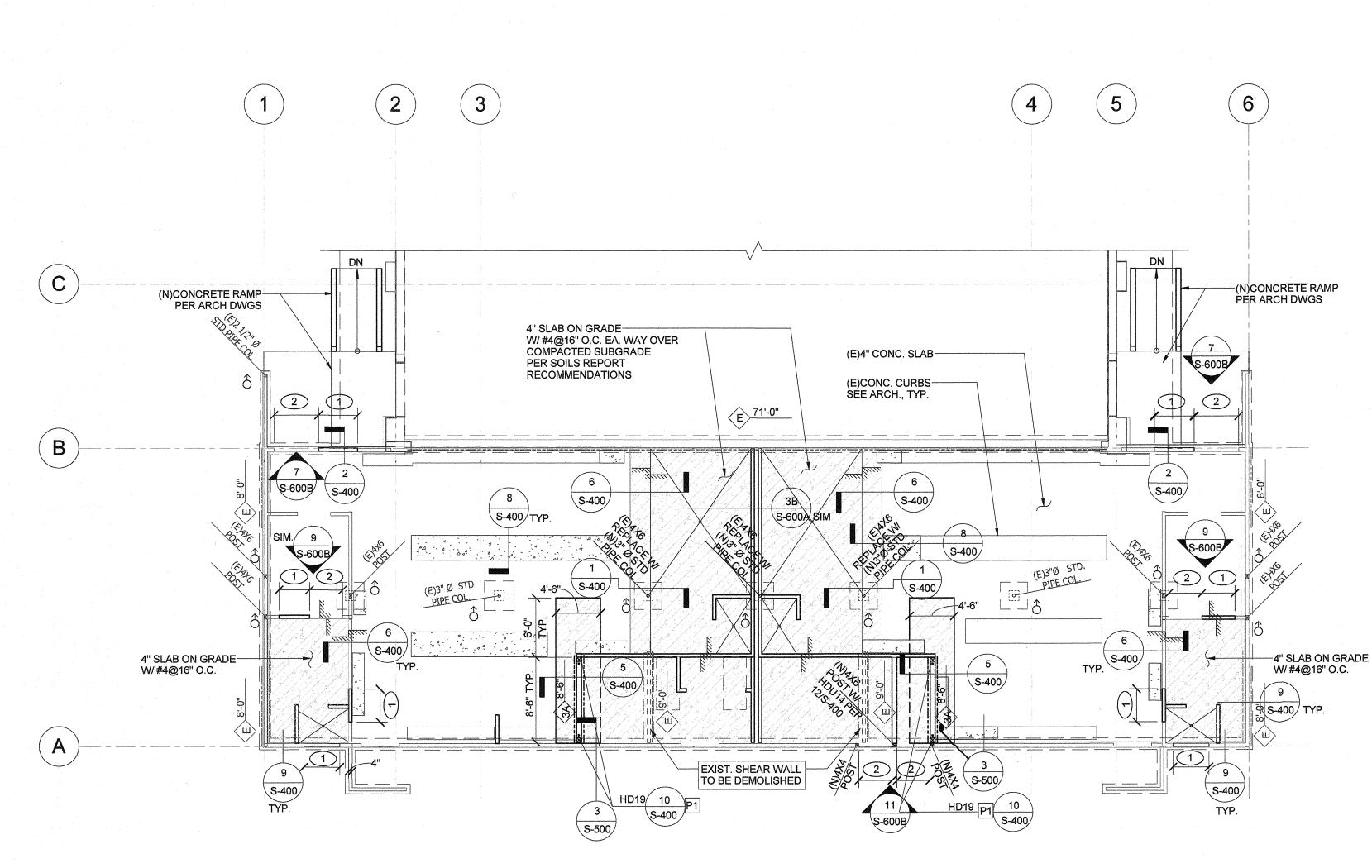
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FOUNDATION PLAN NOTES

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7.

8.

SEE SHEET S-100 & S-101 FOR STRUCTURAL NO SEE SHEET S-400 SERIES FOR TYPICAL CONCE SEE SHEET S-500 SERIES FOR TYPICAL STEEL SEE SHEET S-600 SERIES FOR TYPICAL WOOD
TOP OF SLAB ON GRADE = 0'-0" UNO
TOP OF FOOTING SHALL BE FLUSH WITH THE
S.A.D. FOR DIMENSIONS, ELEVATIONS, SLOPES AND PADS NOTED ON PLAN.
COORDINATE LOCATION OF SLAB STEPS AND I WITH ARCHITECTURAL DRAWINGS.
CONTRACTOR TO VERIFY ALL DIMENSIONS AN DISCREPANCIES PRIOR TO CONSTRUCTION.
ALL FOUNDATION EXCAVATIONS MUST BE INSP APPROVED BY THE PROJECT INSPECTOR PRIC PLACEMENT OF REINFORCING STEEL.
 THE PROJECT INSPECTOR SHALL ADVISE DSA A. THE BUILDING PAD WAS PREPARED IN WITH THE LATEST EDITION OF THE CBC B. THE UTILITY TRENCHES HAVE BEEN PF BACKFILLED AND COMPACTED, AND C. THE FOUNDATION EXCAVATIONS COMF INTENT OF THE CBC

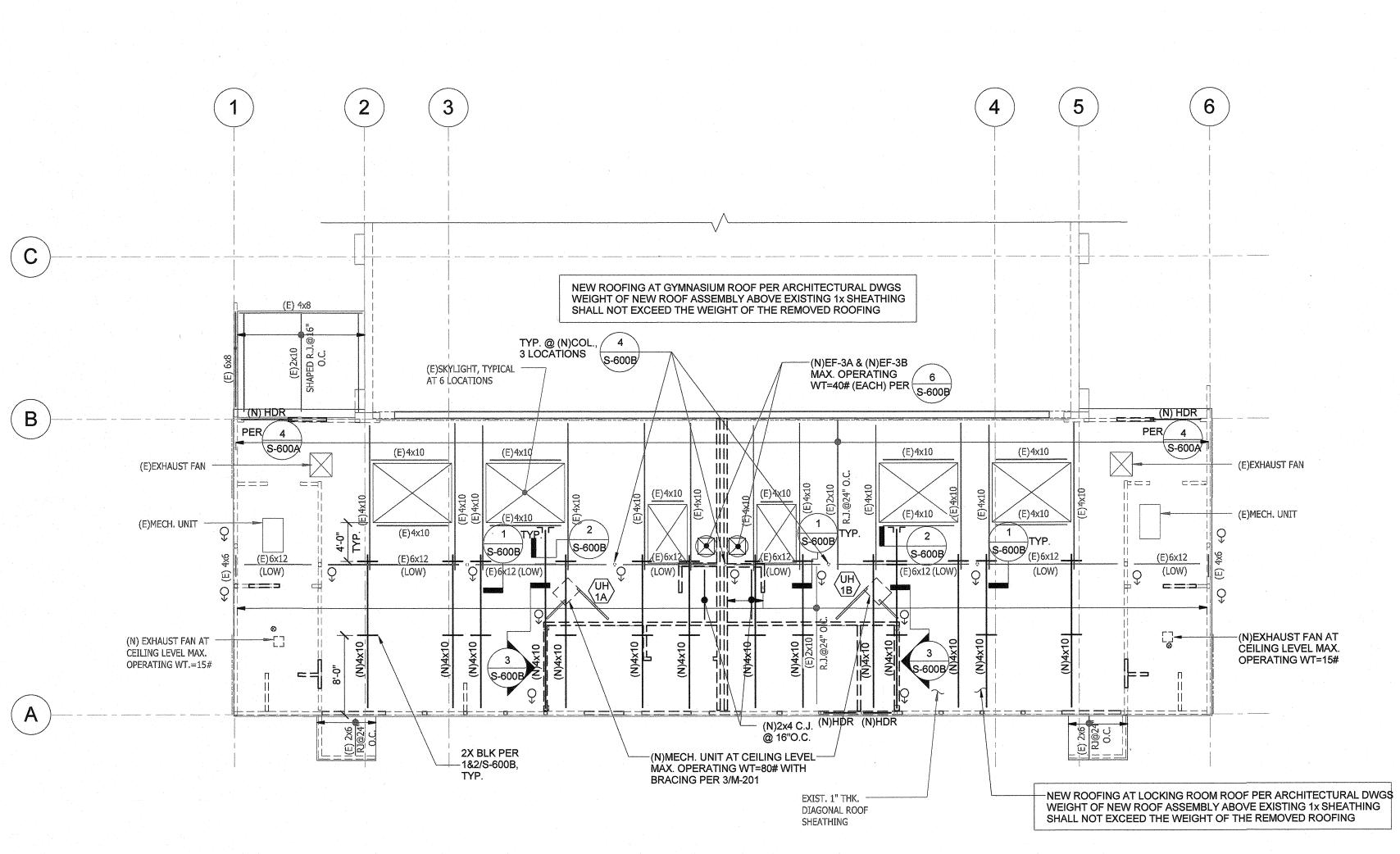
S. C. S.

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1 A 1

LEGEND NOTES & SYMBOL LEGEND CRETE DETAILS. EL DETAILS. DD DETAILS. (E)-----(E) SHEAR WALL (E) WALL (N) SHEAR WALL # (E) WALL & (E) FTG E EXISTING SLAB, U.N.O. ------ES, CURBS, STEPS, P1 6x6, No.1 D.FIR/ LARCH (N) WALL E DEPRESSIONS INDICATES EXIST. / NEW WOOD POST (N) WALL & (N) FTG. AND NOTIFY ARCHITECT OF ANY (E) 00 INDICATES EXIST./ NEW STEEL PIPE COL. (12) S-600 ISPECTED AND RIOR TO (N) INFILL PER \geq ôφ INDICATES COLUMN/ POST UP OR DOWN A IN WRITING THAT: IN ACCORDANCE (N) OPENING PER 4 S-600A U.N.O. BC, PROPERLY (N) CONCRETE SLAB & (N) FTG \square MPLY WITH THE (N) CONCRETE CURB PER 4 S-400 U.N.O. 2 (E) CONCRETE CURB

TECTS NAKANUA Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com NISHKIAN CHAMBERLAIN CONSULTING AND STRUCTURAL ENGINEERS SINCE 1919 3710 South Robertson Blvd, Suite 220 Cuiver City, CA 90232 Tel: (310) 853-7180 NC JOB NO. 40410.08 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP03 11 8 4 6 7 AC____FLS___SSV DATE__DEC__1_2_2018 SS M.K OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date 09-18-2018 Sheet Name FOUNDATION Or PLAN SCOPE OF WORK 40410.08 05/31/18 Date Drawn by A.L. F.G. Checked by Sheet Number KEY PLAN NORTH S-201



ROOF FRAMING PLAN 1 1/8" = 1'-0"

ROOF FRAMING NOTES:

1.	SEE SHEET S-100 & S-101 FOR STRUCTURAL NOTES & SYM SEE SHEET S-400 SERIES FOR TYPICAL CONCRETE DETAIL SEE SHEET S-500 SERIES FOR TYPICAL STEEL DETAILS. SEE SHEET S-600 SERIES FOR TYPICAL WOOD DETAILS.
2.	TOP OF SHEATHING VARIES. SEE ARCHITECTURAL DRAWN EXTENTS AND ELEVATIONS. (GROUND FLOOR REFERENCE
3.	SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT S COORDINATE ALL POST-COLUMN BASED ON ARCHITECTUR UNLESS OTHERWISE NOTED.
4.	DIMENSIONS AND GRIDS TO FACE OR CENTERLINE OF STU
5.	CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS A AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR T
6.	ALL WOOD EXPOSED TO WEATHER OR IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE-TREATED,
7.	EXISTING ROOF SHEATHING TO REMAIN.
8.	SEE DETAIL 4/S-600 FOR TYPICAL FRAMING AT ROOF OPEN
9.	ALL HARDWARE TO BE "SIMPSON STRONG-TIE" PRODUCT EQUIVALENT. ICC ESR-2105.
10.	HDR DENOTES HEADER OVER OPENING, SEE 4/S-600A.

*

SYMBOL LEGEND. TAILS.

RAWINGS FOR ROOF ENCE ELEV = 0'-0")

OT SHOWN. CTURAL DRAWINGS

STUDS, UNO. S AND DIMENSIONS

R TO CONSTRUCTION. ED, UNO.

PENINGS, UNO.

ICT OR APPROVED

LEGEND

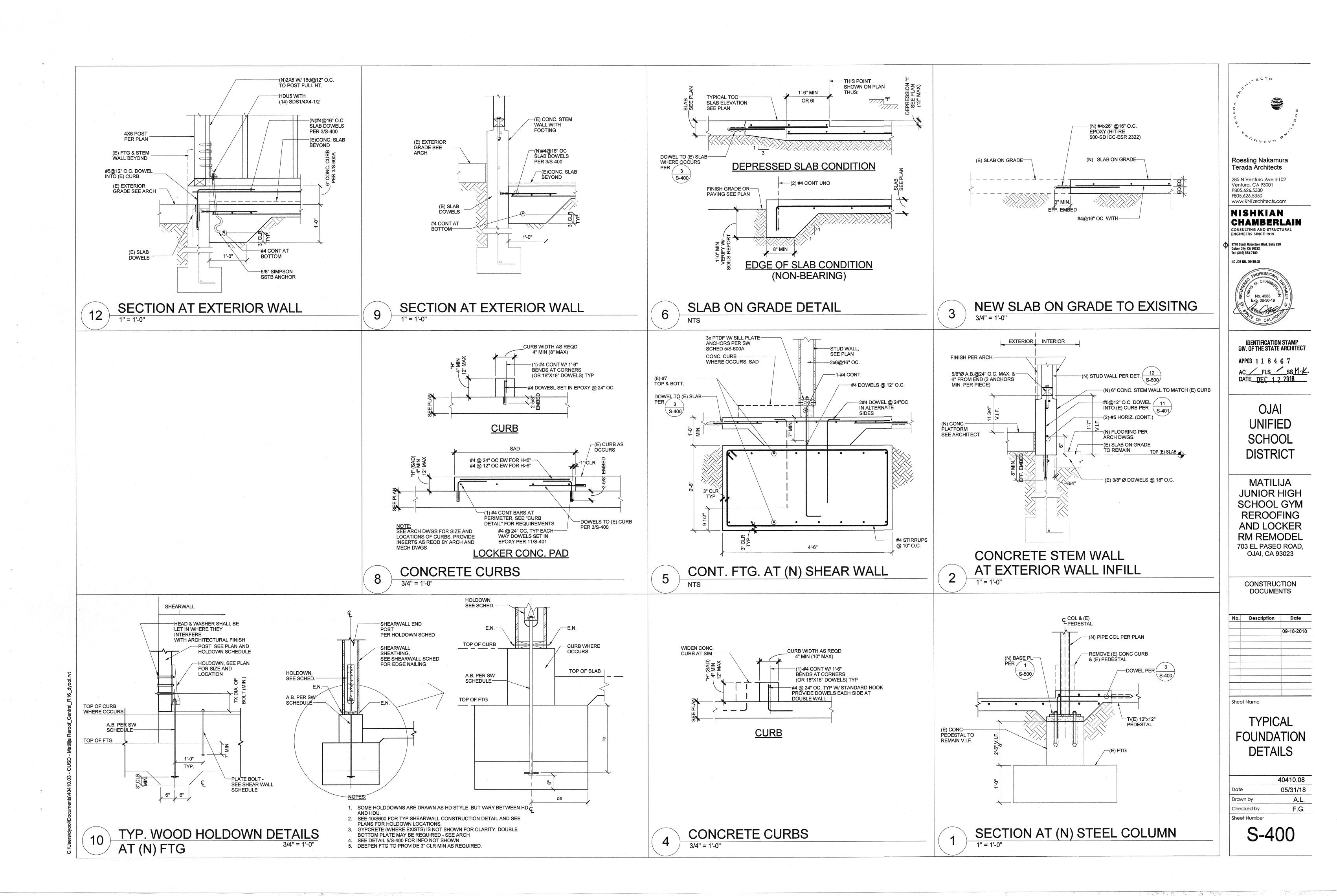
	(E) WALL BELOW
	(N)WALL BELOW
(E)	INDICATES EXISTING BEAM
(E)	INDICATES EXISTING ROOF JOIST (R.J.)
analosa atai na minan kata na mana adala ata	INDICATES NEW BEAM
	INDICATES NEW ROOF JOIST (R.J.) OR CEILING JOIST (C.J.)
δç	INDICATES COLUMN/ POST UP OR DOWN
га га Ба ца	INDICATES EXIST. / NEW WOOD POST BELOW
0 0	INDICATES EXIST. / NEW PIPE COL. BELOW
	INDICATES (E) SHEAR WALL BELOW

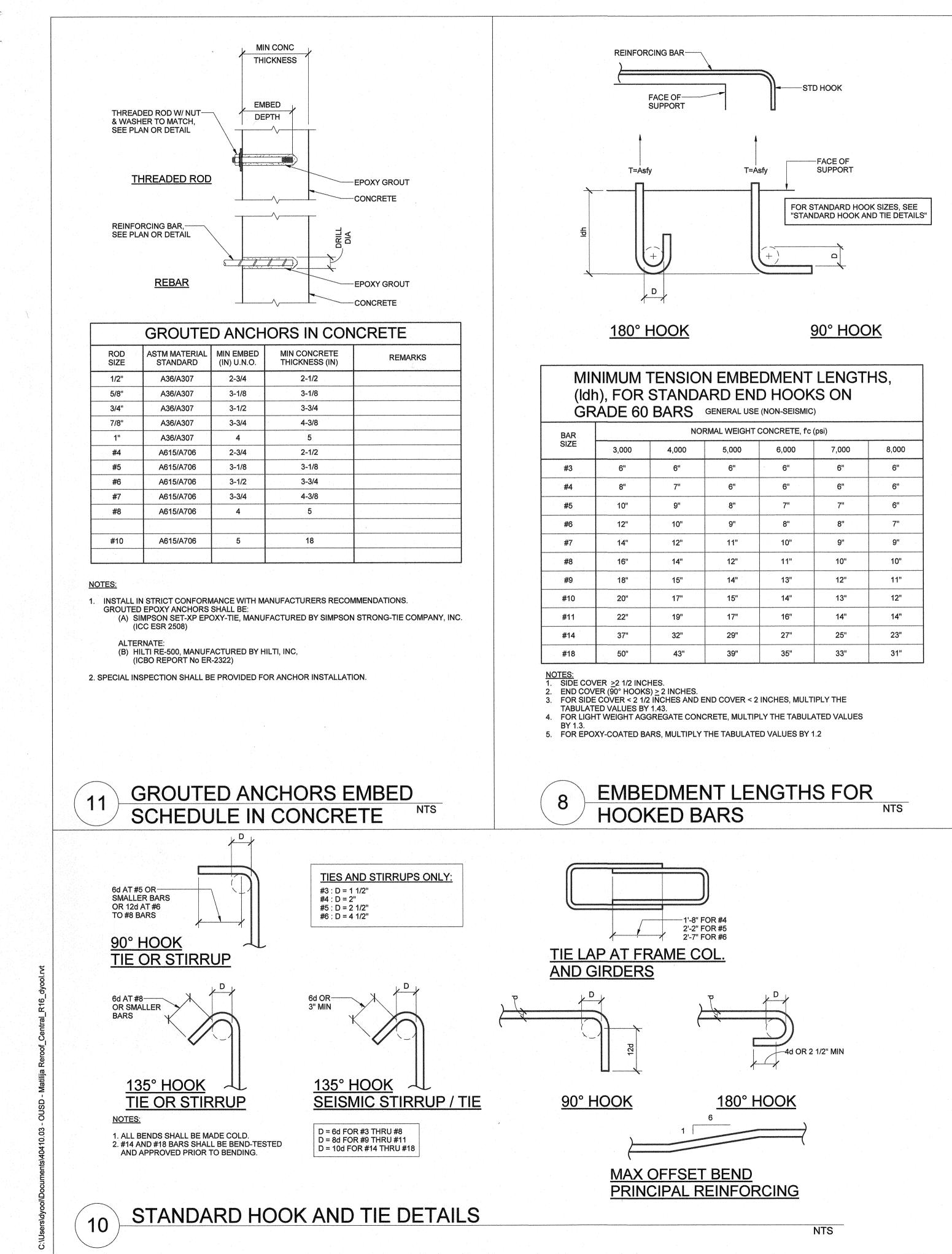
ES EXIST. / NEW PIPE COL. BELOW INDICATES (E) SHEAR WALL BELOW

INDICATES (N) SHEAR WALL BELOW

TECTS VANA Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com NISHKIAN CHAMBERLAIN CONSULTING AND STRUCTURAL ENGINEERS SINCE 1919 3710 South Robertson Blvd, Suite 220
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 Tel: (310) 853-7180 NC JOB NO. 40410.08 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT APP03 11 8 4 6 7 AC_____FLS____SS_M.F. DATE___DEC__1_2_2018____ OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date 09-18-2018 Sheet Name ROOF FRAMING PLAN 40410.08 05/31/18 Date Drawn by A.L. F.G. Checked by Sheet Number S-202

A CONTRACTOR OF A CONTRACT OF A CONTRACT





	NOF	RMAL WEIGHT	CONCRETE, fc	(psi)	
	4,000	5,000	6,000	7,000	8,000
	6"	6"	6"	6"	6"
	7"	6"	6"	6"	6"
in in a subscription of the second	9"	8"	7"	7"	6"
	10"	9"	8"	8"	7"
	12"	11"	10"	9"	9"
	14"	12"	11"	10"	10"
	15"	14"	13"	12"	11"
	17"	15"	14"	13"	12"
	19"	17"	16"	14"	14"
	32"	29"	27"	25"	23"
	43"	39"	35"	33"	31"
			1	Les ese constantes anniennes communes est textores	

	CA	SE	1
BAR	SPL		E A

REINFORCING AND STRAIGHT DEVELOPMENT LENGTHS SCHEDULE (NORMAL WEIGHT CONCRETE) (SEE NOTES BELOW)

TENSION	f'c PSI	BAR SIZE GRADE 60	#3	#4	#5	#6	#7	#8	#9	#10	#11
	0	TOP	22"	29"	36"	43"	63"	72"	81"	91"	101"
C) ()	3000	OTHER	17"	22"	28"	33"	48"	55"	62"	70"	78"
STRAIC PMEN	0	TOP	19"	25"	31"	37"	54"	62"	70"	79"	87"
CLASS A & STRAIGHT DEVELOPMENT LENGTHS, Ld (IN)	4000	OTHER	15"	19"	24"	29"	42"	48"	54"	61"	67"
CLAS	0	ТОР	17"	22"	28"	33"	49"	55"	63"	70"	78"
	5000	OTHER	13"	17"	22"	26"	37"	43"	48"	54"	60"
	-2000	TOP	15"	20"	25"	30"	44"	50"	57"	64"	71"
		OTHER	12"	16"	20"	23"	34"	39"	44"	49"	55"
	0	TOP	28"	37"	47"	56"	81"	93"	105"	118"	131"
	3000	OTHER	22"	29"	36"	43"	63"	72"	81"	91"	101"
B	0	TOP	24"	32"	40"	48"	70"	80"	91"	102"	113"
CLASS B	4000	OTHER	19"	25"	31"	37"	54"	62"	70"	79"	87"
	5000	TOP	22"	29"	36"	43"	63"	72"	81"	91"	101"
	20	OTHER	17"	22"	28"	33"	49"	55"	63"	70"	78"
	8	TOP	20"	26"	33"	40"	58"	66"	74"	83"	93"
		OTHER	15"	20"	25"	30"	44"	51"	57"	64"	71"

NOTES:

1. TABULATED VALUES ARE BASED ON ACI 318-05 CHAPTER 12, GRADE 60 REINFORCING BARS AND NORMAL WEIGHT CONCRETE.

2. CASES 1 AND 2, WHICH DEPEND ON THE TYPE OF STRUCTURAL ELEMENT CONCRETE COVER, AND THE CENTER-TO-CENTER SPACING OF THE BARS, ARE DEFINED AS:

 AMS AND DLUMNS:	CASE 1:	CONCRETE COVER \geq 1.0 db AND CTR-CTR SPACING \geq 2.0 db AND WITH STIRRUPS OR TIES THROUGHOUT Ld NOT LESS THAN THE CODE MINIMUM.
	CASE 2:	CONCRETE COVER < 1.0 db AND CTR-CTR SPACING < 2.0 db.
 L OTHER EMENTS:	CASE 1:	CONCRETE COVER \geq 1.0 db AND CTR-CTR SPACING \geq 3.0 db.
	CASE 2:	CONCRETE COVER < 1.0 db AND CTR-CTR SPACING < 3.0 db.

3. LAP SPLICES OF DEFORMED BARS AND DEFORMED WIRE IN TENSION SHALL BE CLASS B SPLICES EXCEPT THAT CLASS A SPLICES ARE ALLOWED WHEN ONE-HALF OR LESS OF THE TOTAL REINFORCEMENT IS SPLICED WITHIN THE REQUIRED LAP LENGTH.

4. FOR LIGHTWEIGHT AGGREGATE CONCRETE, MULTIPLY THE TABULATED VALUES BY 1.3.

FOR EPOXY-COATED BARS, MULTIPLY THE TABULATED VALUES BY ONE OF THE FOLLOWING FACTORS:

CONCRETE COVER AND SPACING	TOP BARS	OTHER BARS
COVER < 3.0 db OR CTR-CTR SPACING < 7.0 db COVER \geq 3.0 db OR CTR-CTR SPACING \geq 7.0 db	1.50 1.20	1.50 1.20

6. db = NOMINAL DIAMETER OF A BAR.

4

7. TOP BARS ARE HORIZONTAL REINFORCING WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR.

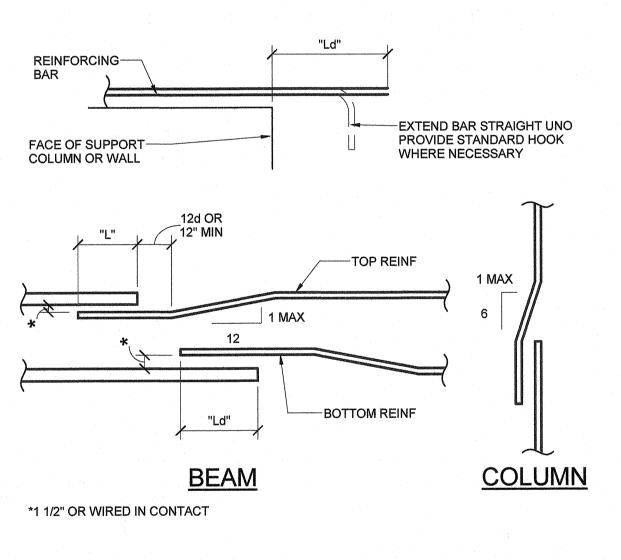
- 8. OTHER BARS ARE ALL VERTICAL REINFORCING, ALL HORIZONTAL WALL REINFORCING, AND
- HORIZONTAL REINFORCING WITH LESS THAN 12" OF CONCRETE BELOW BAR. 9. SMALLER BAR LAP LENGTH MAY BE USED WHEN SPLICING DIFFERENT SIZE BARS.
- 10. LAP SPLICES ARE NOT PERMITTED IF MECHANICAL SPLICES ARE SHOWN.
- 11. NON-CONTACT LAP SPLICED BARS SHALL NOT BE SPACED TRANSVERSELY FUTHER APART THAN ONE -FIFTH OF THE REQUIRED LAP SPLICE LENGTH NOR 6 INCHES.

12. LAP TOP BARS AT MIDSPAN AND BOTTOM BARS AT SUPPORTS UNLESS OTHERWISE SHOWN. 13. BUNDLED BAR SPLICES:

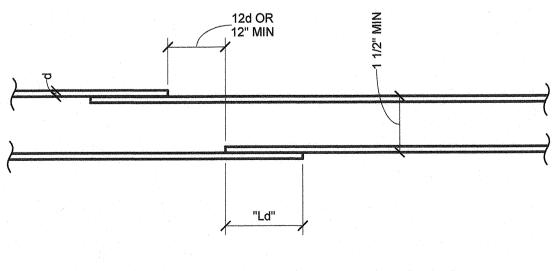
- A. INDIVIDUAL BAR SPLICES WITHIN THE BUNDLE SHALL NOT OVERLAP EACH OTHER.
- B. INCREASE LAP LENGTH 20% AT THREE BARS. INCREASE LAP LENGTH 33% AT FOUR BARS.

REINFORCING BAR SPLICE SCHEDULE AND NOTES (GRADE 60)

	an a				*****			a de successo de la constante d				
					CAS	SE 2)					
	REINFORCING BAR SPLICE AND STRAIGHT DEVELOPMENT LENGTHS SCHEDULE (SEE NOTES BELOW) (NORMAL WEIGHT CONCRETE)											
	TENSION	fc PSI	BAR SIZE GRADE 60	#3	#4	#5	#6	#7	#8	#9	#10	#11
		0	TOP	32"	43"	54"	64"	94"	107"	121"	136"	151"
	N) TGHT	3000	OTHER	25"	33"	41"	50"	72"	82"	93"	105"	116"
	CLASS A & STRAIGHT DEVELOPMENT LENGTHS, Ld (IN)	0	TOP	28"	37"	47"	56"	81"	93"	105"	118"	131"
		4000	OTHER	22"	29"	36"	43"	63"	71"	81"	91"	101"
		00 5000	TOP	25"	33"	42"	50"	73"	83"	94"	105"	117"
			OTHER	19"	26"	32"	38"	56"	64"	72"	81"	90"
			TOP	23"	30"	38"	46"	66"	76"	85"	96"	107"
		>6000	OTHER	18"	23"	29"	35"	51"	58"	66"	74"	82"
		00	TOP	42"	56"	70"	84"	122"	139"	157"	177"	195"
		300	OTHER	32"	43"	54"	64"	94"	107"	121"	136"	151"
	В	Q	TOP	36"	48"	60"	72"	106"	121"	136"	153"	170"
	CLASS B	4000	OTHER	28"	37"	47"	56"	81"	93"	105"	118"	131"
		8	TOP	33"	43"	54"	65"	94"	108"	122"	137"	152"
		5000	OTHER	25"	33"	42"	50"	73"	83"	94"	105"	117"
	· · · ·	00	TOP	30"	40"	49"	59"	86"	98"	111"	125"	139"
		>6000	OTHER	23"	30"	38"	46"	66"	76"	85"	96"	107"



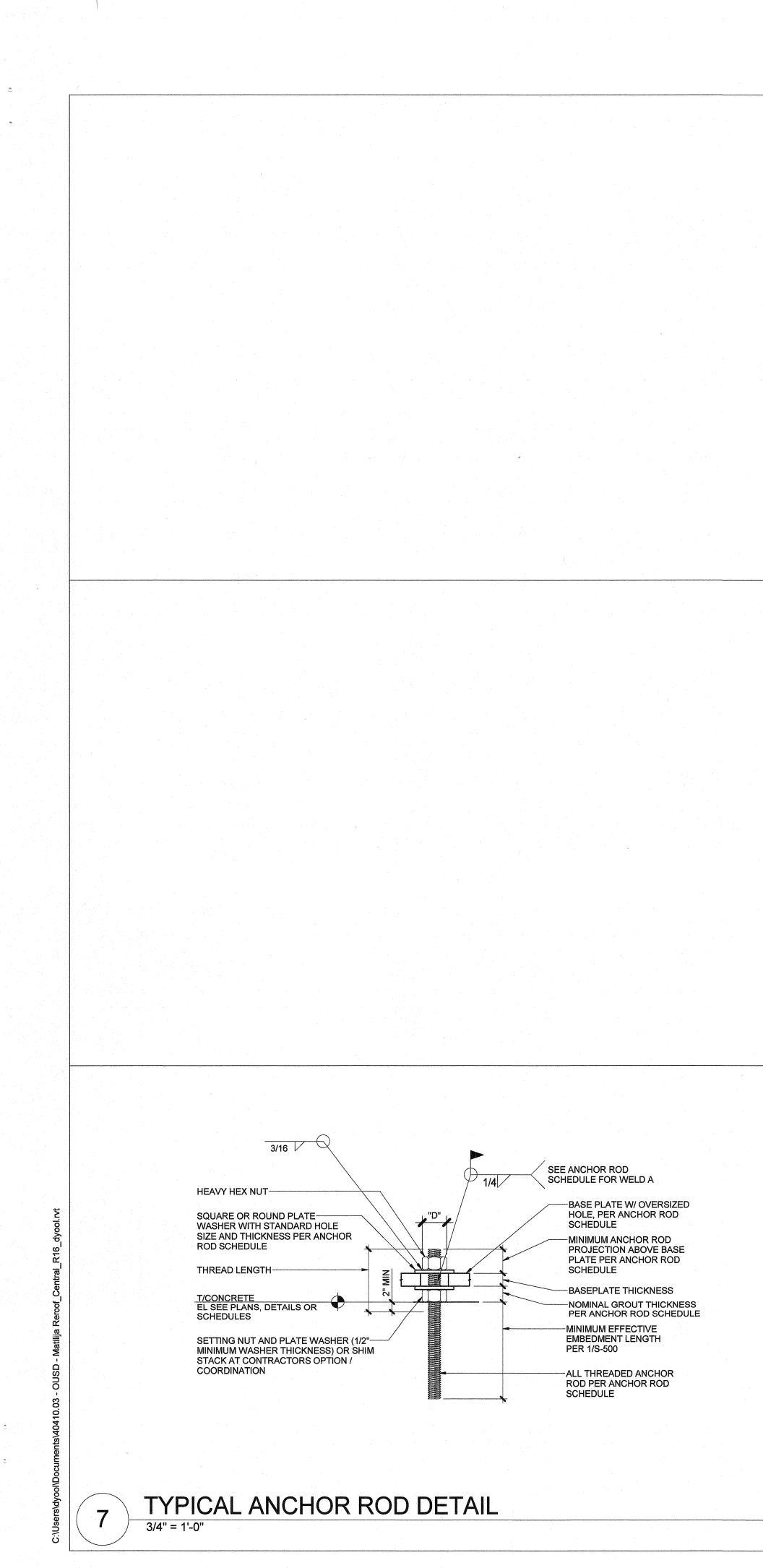
BOUNDARY, COLUMN AND BEAM (\mathbf{A}) **REINFORCING SPLICE DETAIL**



WALL OR SLAB REINFORCING B SPLICE DETAIL

NTS

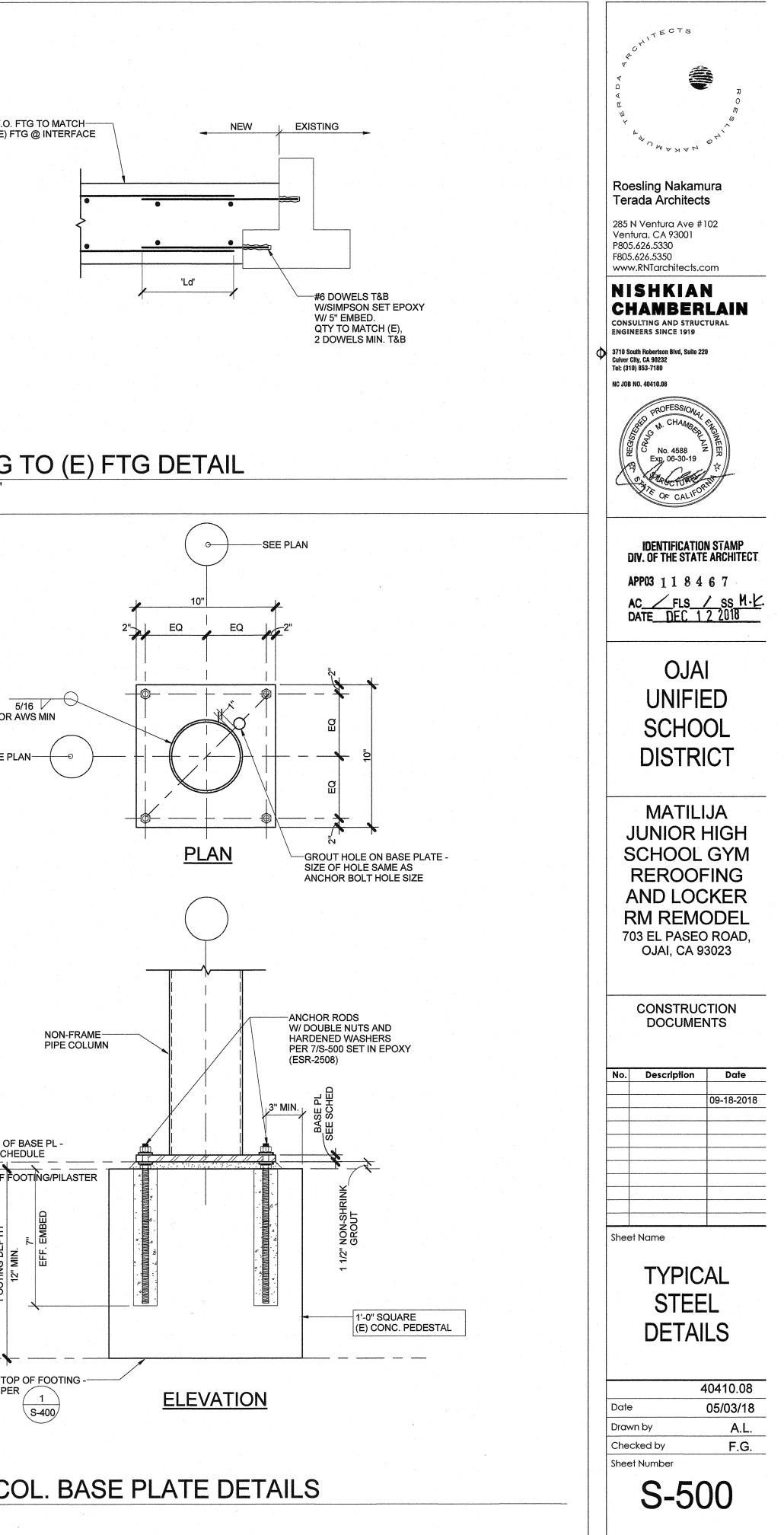
TECTS Roesling Nakamura **Terada Architects** 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com NISHKIAN CHAMBERLAIN CONSULTING AND STRUCTURAL **ENGINEERS SINCE 1919** 3710 South Robertson Blvd, Suite 220 Culver City, CA 90232 Tel: (310) 853-7180 NC JOB NO.40410.08 **IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT** APP03 11 8467 AC_____FLS____SS_M.K. DATE___DEC__1_2_2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS Date No. Description 09-18-2018 Sheet Name TYPICAL CONCRETE DETAILS 40410.08 05/31/18 Date Drawn by A.L. F.G. Checked by Sheet Number S-401

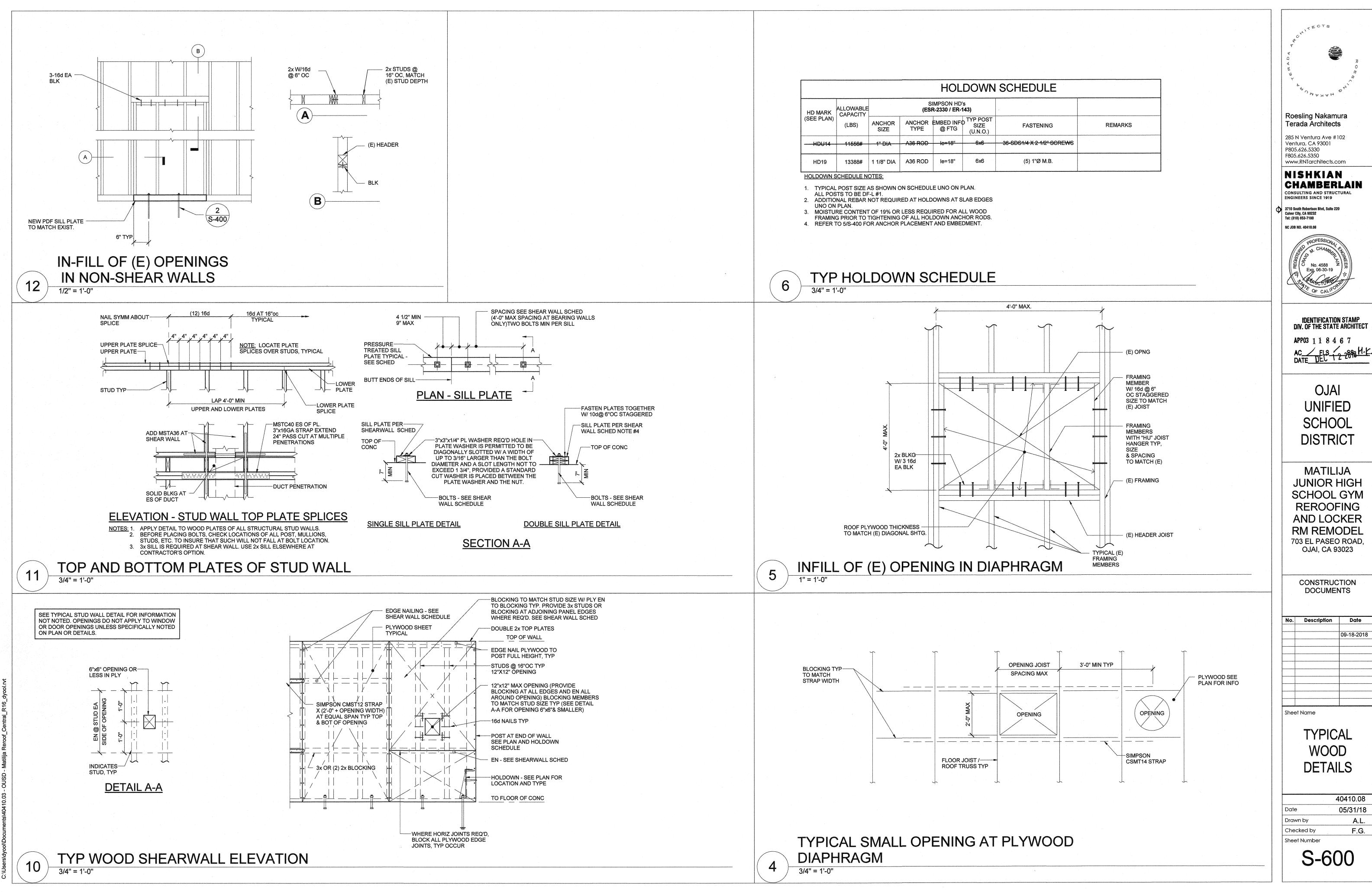


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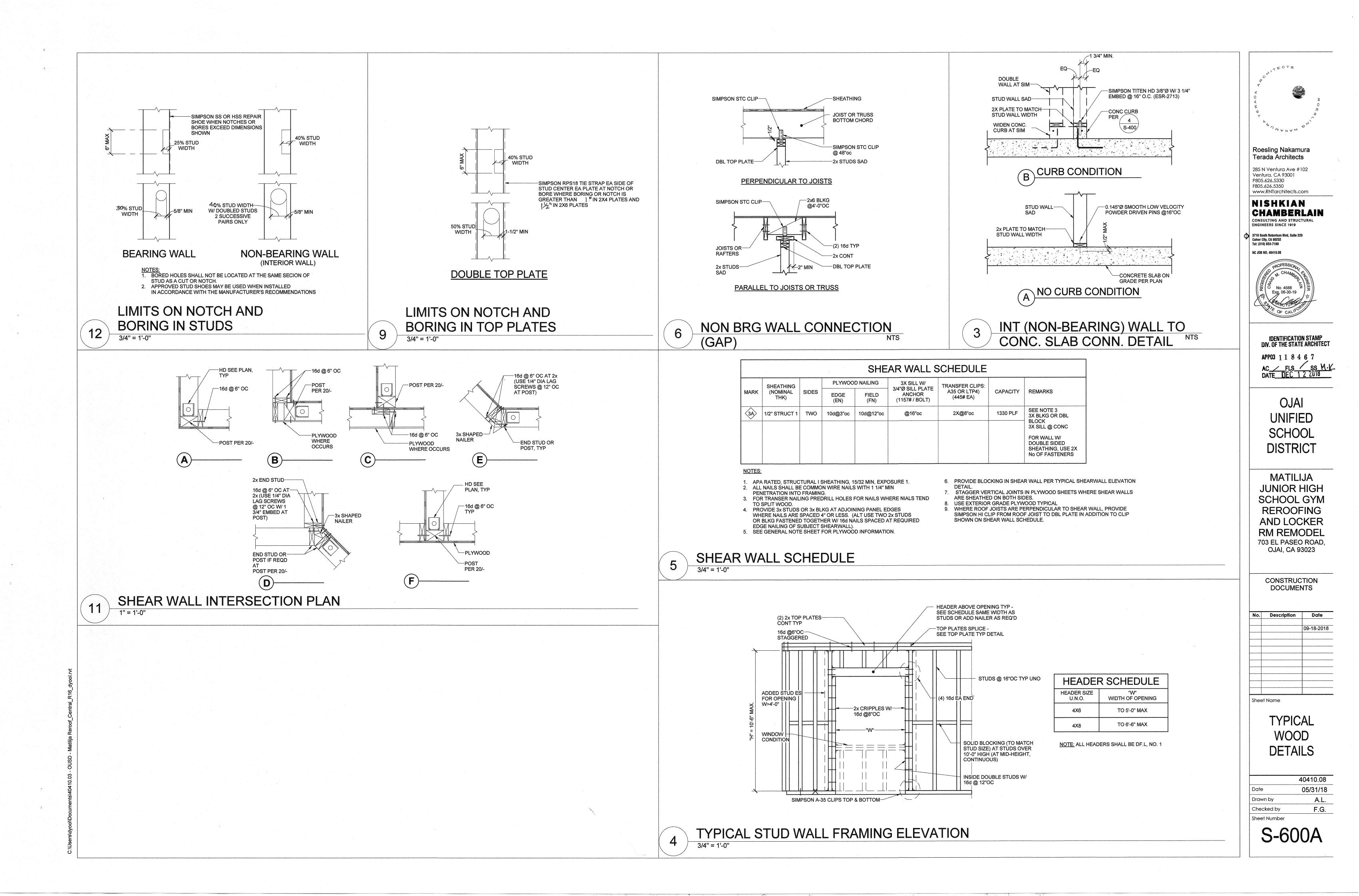
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			ANCH		SCHE	DULE						
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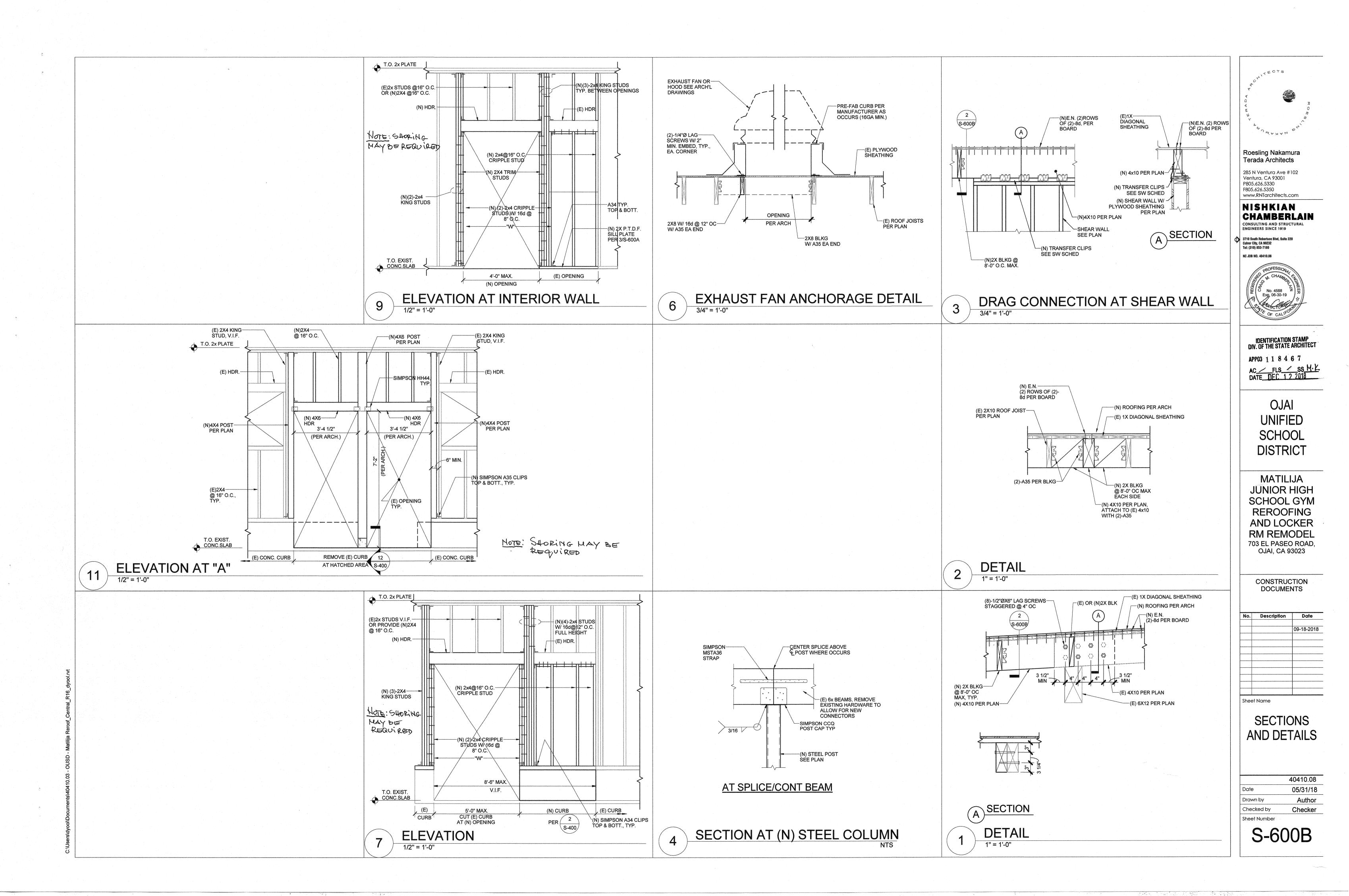
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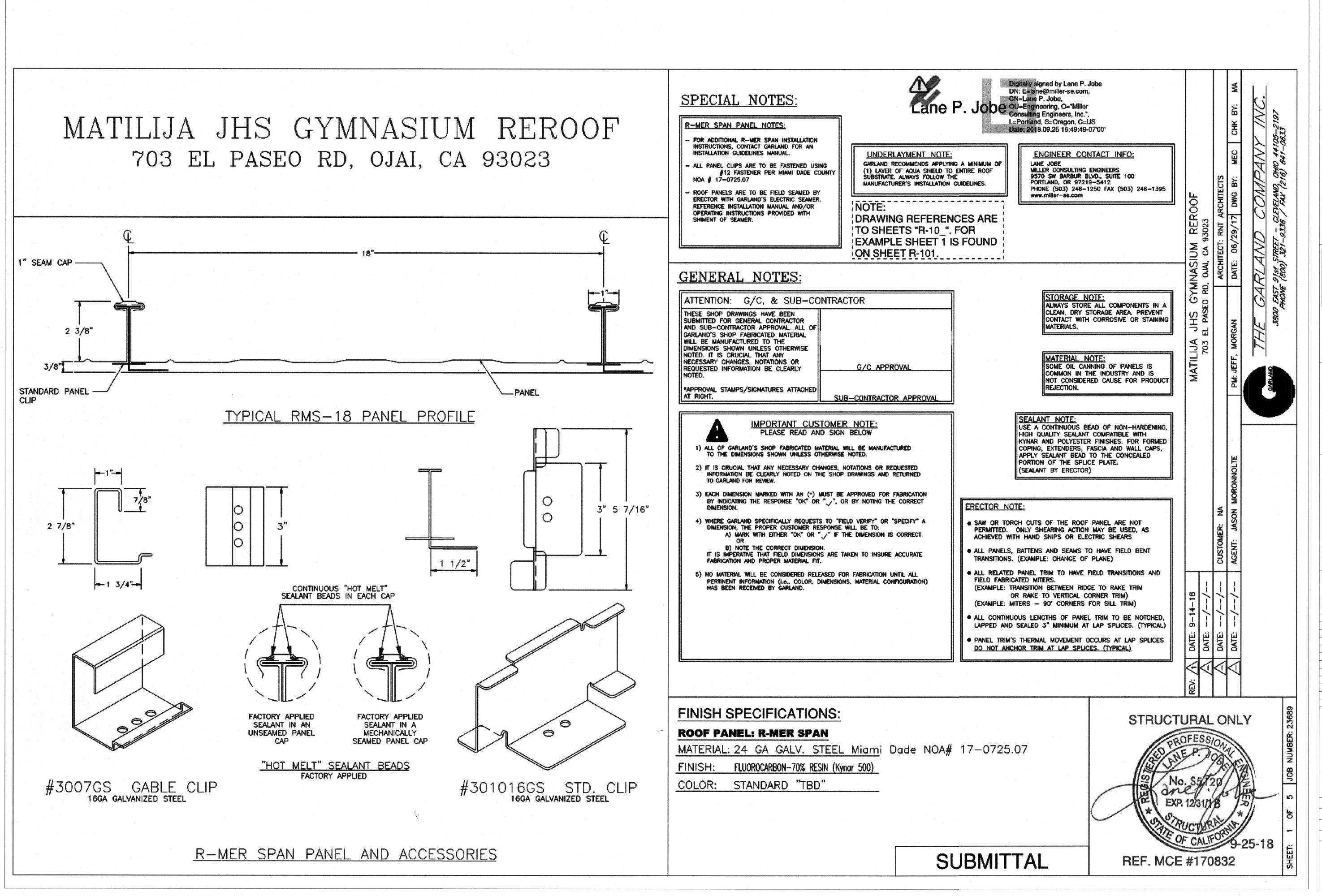




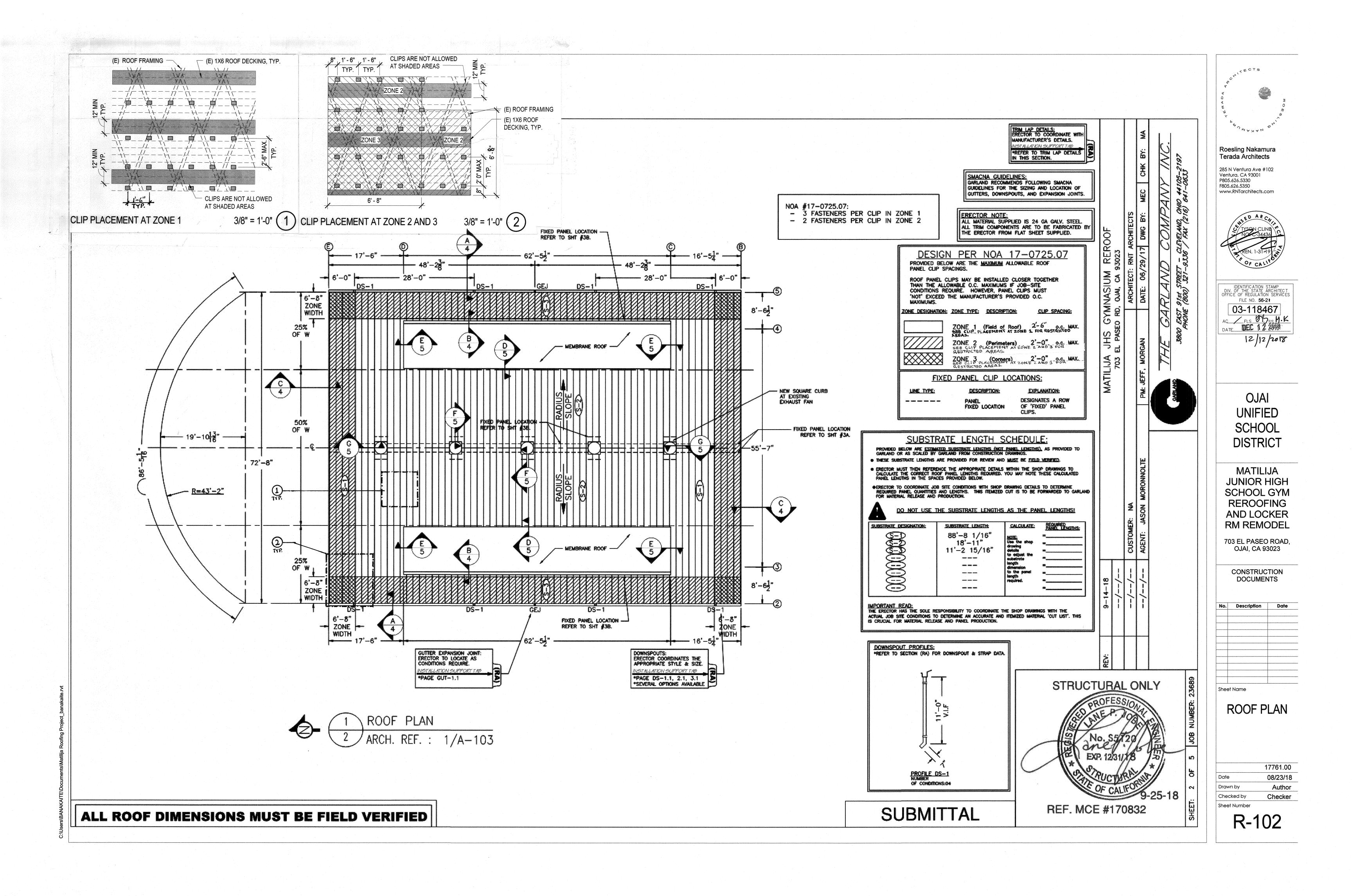
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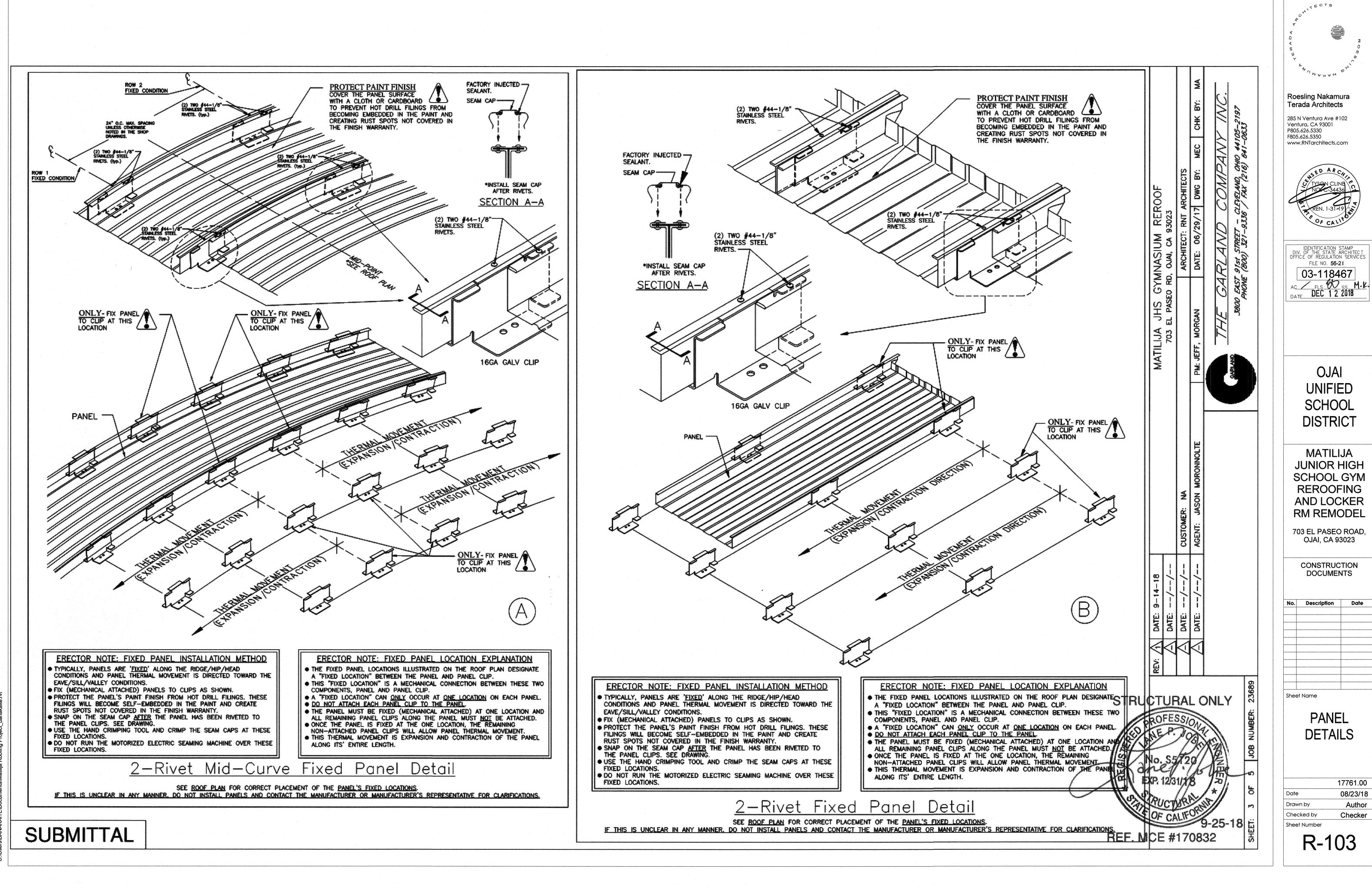


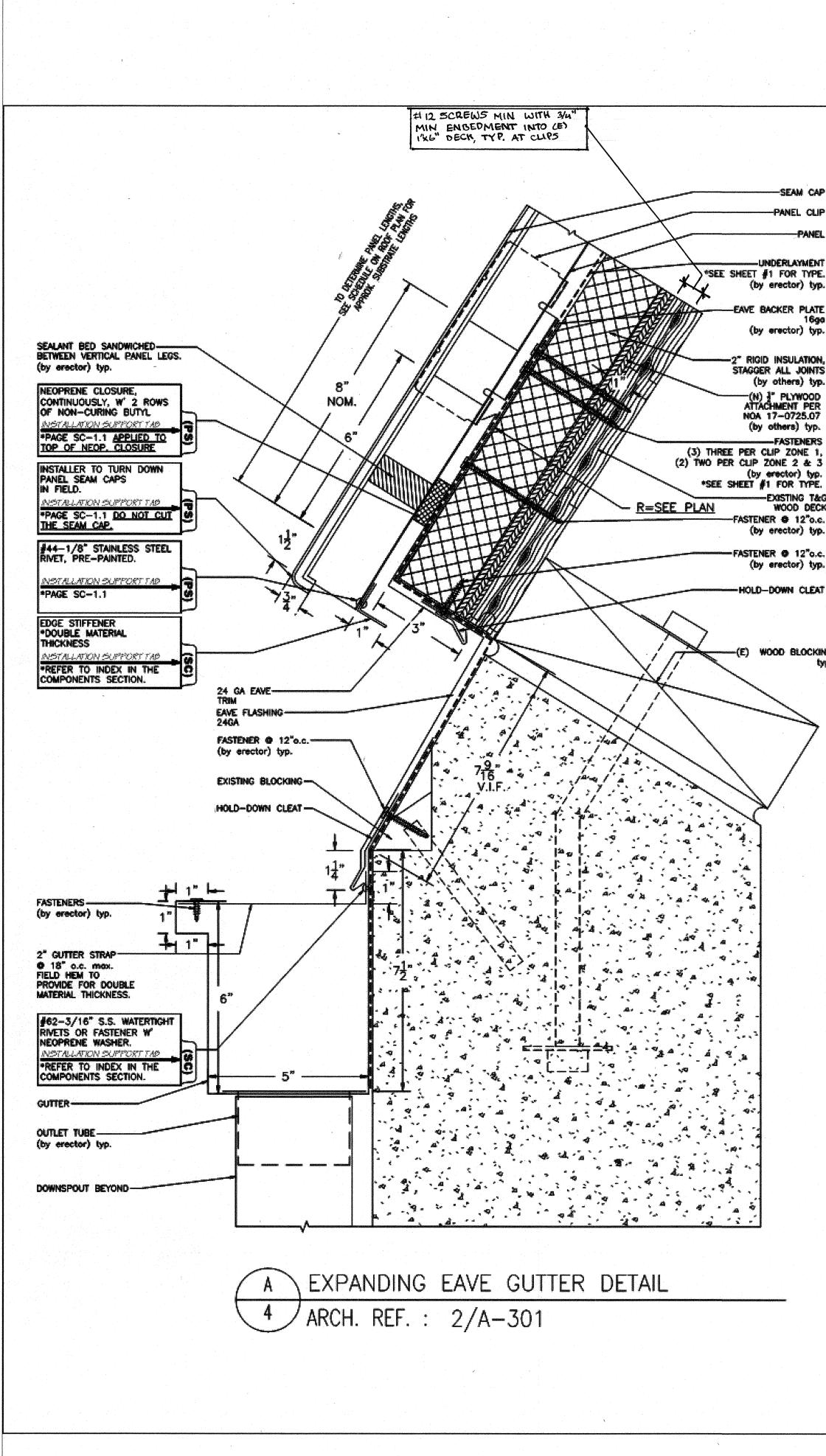


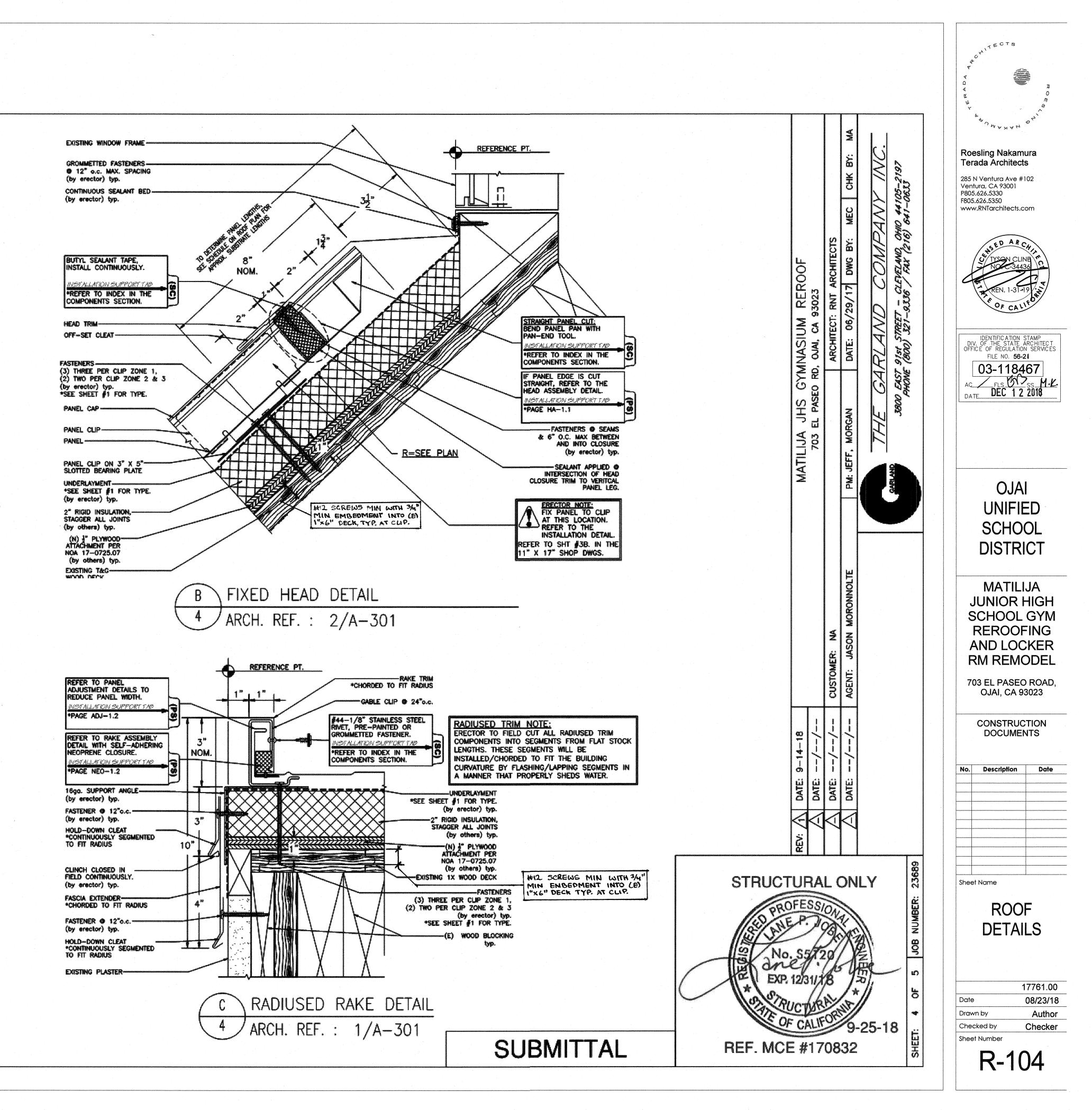


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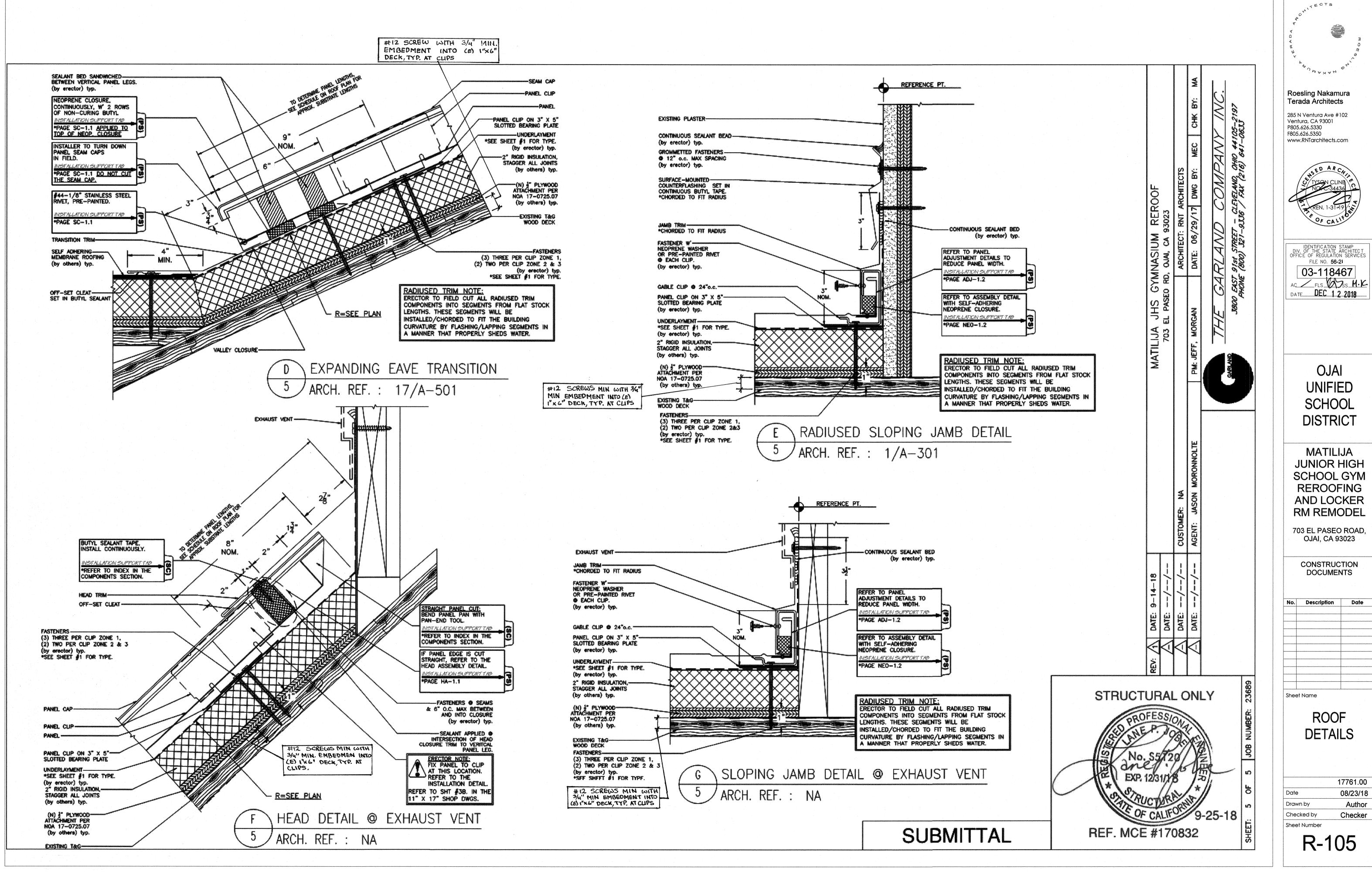
(by others) typ. -FASTENERS (by erector) typ.

-EXISTING T&G WOOD DECK FASTENER @ 12"o.c. (by erector) typ.

ASTENER Ø 12"o.c. (by erector) typ.

HOLD-DOWN CLEAT

WOOD BLOCKING



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: DEMOLITION OF EXISTING MECHANICAL SYSTEM, INCLUDING REMOVAL OF EXISTING UNIT HEATERS REMOVAL & REINSTALLATION OF EXISTING EXHAUST FANS & SPLIT SYSTEMS; INSTALLATION OF NEW UNIT HEATERS, EXHAUST FANS, AND CONTROLS. 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, VIBRATION CONTROL DEVICES. DUCT SYSTEMS, CONTROL SYSTEMS, AND PATCHING & PAINTING. ANYTHING OF ANY KIND RELATED TO THE BUILDING AND IT'S STRUCTURE, IF REMOVED TO DEMO OR INSTALL NEW HVAC, NEEDS TO BE REPLACED AND PUT BACK TO A BETTER CONDITION PER LATEST BUILDING CODE THEN WHAT WAS PRIOR TO WORK TAKING PLACE.

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 A525.

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"-24" 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.

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. 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.

12. 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.

13. COORDINATION: MECHANICAL CONTRACTOR SHALL COORDINATE WORK WITH THE PROJECT MANAGER AND ALL RELATED TRADES.

14. 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.

15. 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.

16. 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.

17. 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.

18. DEMOLITION. REMOVE ALL EXISTING MECHANICAL SYSTEMS NOT REUSED IN THIS PROJECT WHICH SHALL BE OFFERED TO THE DISTRICT AND IF NOT TAKEN, PROPERLY RECYCLE ALL RECYCLABLE MATERIALS.

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. 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.

GREEN BUILDING NOTES

WASTE MANAGEMENT PLAN SHALL:

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

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

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.

AIR DISTRIBUTION SCHEDULE

EXHAUST GRILLE. KRUEGER, S80, 0° DEFLECTION, WHITE. PLASTER MOUNT EG

EXHAUST FAN SCHEDULE

TAG	AREA SERVED	MAKE	MODEL	OPERATING WEIGHT (LBS.)	C
EF 1	SHOWER 102 & 111 R.R. 101 & 113	PANASONIC	FV-11-15VKL1	13.15	1
A,B,C, & C)	· · · · · · · · · · · · · · · · · · ·			
TAG	AREA SERVED	MAKE	MODEL	OPERATING WEIGHT (LBS.)	C
EF 2	CUST. RM. 114	PANASONIC	FV-0511VQ1	13.15	
TAG	AREA SERVED	MAKE (EXISTING)	MODEL (EXISTING)	OPERATING WEIGHT (LBS.)	C
EF 3	LOCKER ROOM 102 & 111	СООК	100 ACEB	39	Į
A & D	· · ·	-			

UNIT HEATER SCHEDULE

TAG	MANUFACTURER AND MODEL NO.	AREA SERVED	CFM	WEIGHT (LBS)	INPUT / OUTPUT		RICAL D	·	NOTES:
UH 1		LOCKER ROOM 102 & 111	961	79	75,000 / 62,250	120	1	0.06	S.S. HEAT EXCHANGER, TWO STAGE VALVE, DIRECT SPARK IGNITION, TOTALLY ENCLOSED FAN MOTOR, & VIBRATION ISOLATION KIT. THERMOSTAT

A&B

MEP COMPONENT ANCHORAGE NOT

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.

- 1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
- 2. TEMPORARY OR MOVEABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED(E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
- 3. 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.

- A. 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.
- B. 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):

	- OPTION 1: DETAILED ON THE APPROVED DR
	DETAILS.
MP 🗌 MD 🗌 PP 🗌 E 🗌	- OPTION 2: SHALL COMPLY WITH THE APPLIC
	#
MP 🗌 MD 🗌 PP 🗌	- OPTION 3: SHALL COMPLY WITH THE SMACN
	EDITION (2009), INCLUDING ANY A

CNA 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.



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WC ESP (") ELECTRICAL DATA CFM | NOTES: VOLT PHASE WATTS | PROVIDE FLEX CONNECTORS ON OUTLET. CONTROL VIA HUMIDITY & MOTION SENSOR 130 0.25 120 16.8 1 WITH LIGHT & BACKDRAFT DAMPER. ELECTRICAL DATA CFM WC ESP (") NOTES: VOLT PHASE WATTS | PROVIDE FLEX CONNECTORS ON OUTLET. CONTROL VIA MOTION SENSOR 10.8 120 - 83 0.25 WITH BACKDRAFT DAMPER. CFM WC ESP (") ELECTRICAL DATA NOTES: VOLT PHASE HP PROVIDE SLOPED ROOF CURB, CONTROLS, & BACKDRAFT DAMPER. 1/6 530 0.125 120 INSTALL TORK TIME CLOCK

RAWINGS WITH PROJECT SPECIFIC NOTES AND

ICABLE OSHPD PRE-APPROVAL (OPM #)

ABBREVIATIONS
ABBREV. ABBREVIATIONS
ABV. ABOVE
APPROX. APPROXIMATELY
AFF ABOVE FINISHED FLOOR
AHU AIR HANDLING UNIT
BLDG BUILDING BLW. BELOW
BTM BOTTOM
CD CEILING DIFFUSER
CFM CUBIC FEET PER MINUTE
CL CENTERLINE
CLG CEILING CONC CONCRETE
COND CONDENSATE
CONT CONTINUED
DIA DIAMETER
DSA DIVISION OF THE STATE ARCHITECT DWG DRAWING
(E) EXISTING
EA EACH
EL,ELEV ELEVATION
ELEC ELECTRIC
EQ EQUIPMENT EQUIP EQUIPMENT
ESP EXTERNAL STATIC PRESSURE
EXH EXHAUST
FIN FINISHED
FLR FLOOR
FO FLAT OVAL DUCT
FRM FROM G GAS
GDW GYPSUM DRYWALL
GPM GALLONS PER MINUTE
GSM GALVANIZED STEEL METAL
HP HORSE POWER
I.D. INSIDE DIMENSION
MIN. MINIMUM
MAX. MAXIMUM MTL METAL
MTL METAL (N) NEW
OC ON CENTER
O.D. OUTSIDE DIMENSION
POC POINT OF CONNECTION
PSI POUNDS PER SQUARE INCH
RAG RETURN AIR GRILLE
SD SMOKE DETECTOR (SEE EQUIP. SCHEDULE) SHT SHEET
SMS SHEET METAL SCREW
SR SIDEWALL REGISTER
SOV SHUT-OFF VALVE
SPEC SPECIFICATIONS
STL STEEL
VD VOLUME DAMPER (LOCKING)
VTR VENT TO ROOF
VAV VARIABLE AIR VOLUME BOX VFD VARIABLE FREQUENCY DRIVE
WC WATER COLUMN

WCO WALL CLEAN-OUT

(TYP) TYPICAL

FICE OF REGULATION SERVICE FILE NO. 56-21 03-118467 FLS 60 SS M.K. DATE DEC 1 2 2018 OJAI UNIFIED

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SCHOO DISTRICT

MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL**

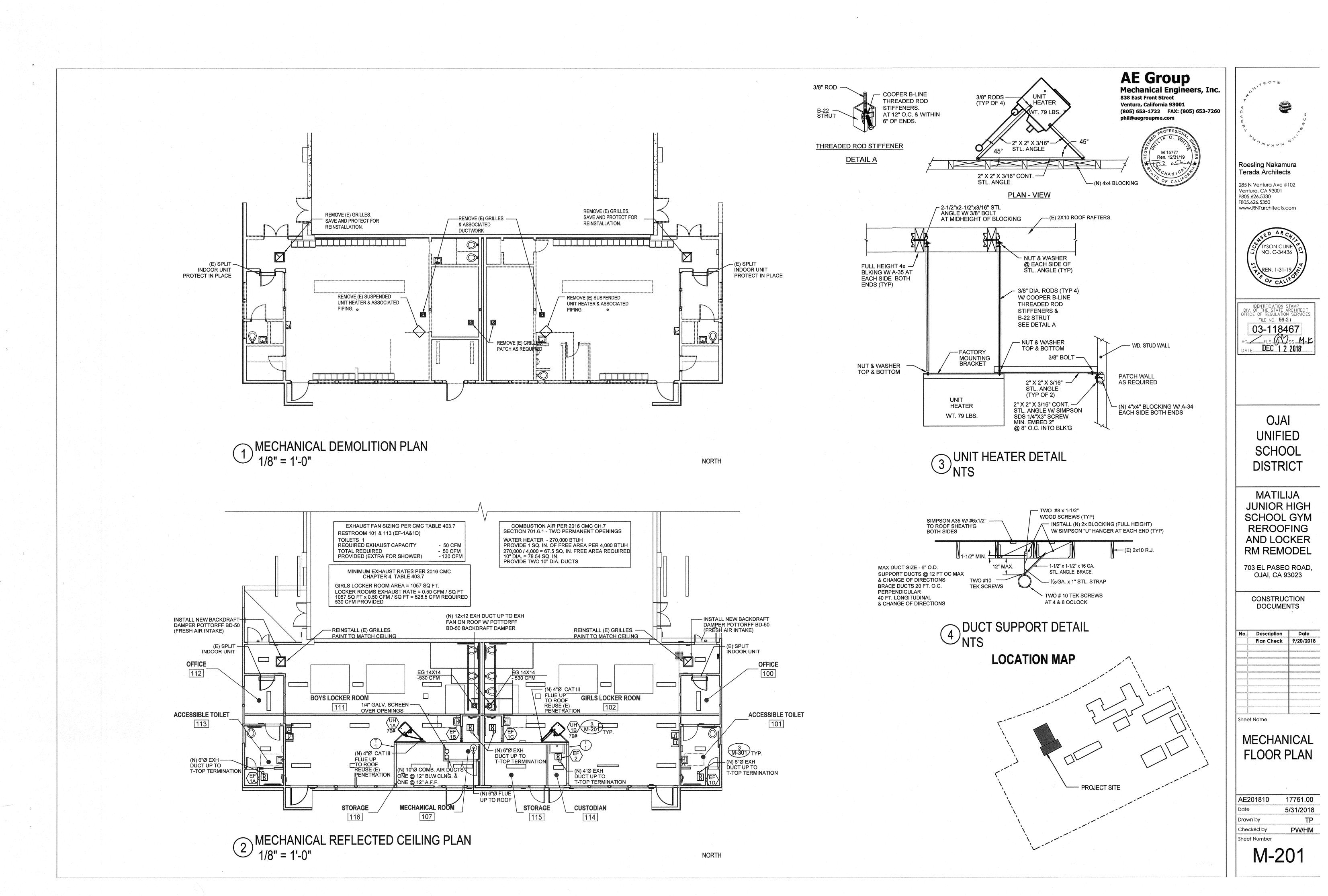
703 EL PASEO ROAD. OJAI, CA 93023

CONSTRUCTION DOCUMENTS

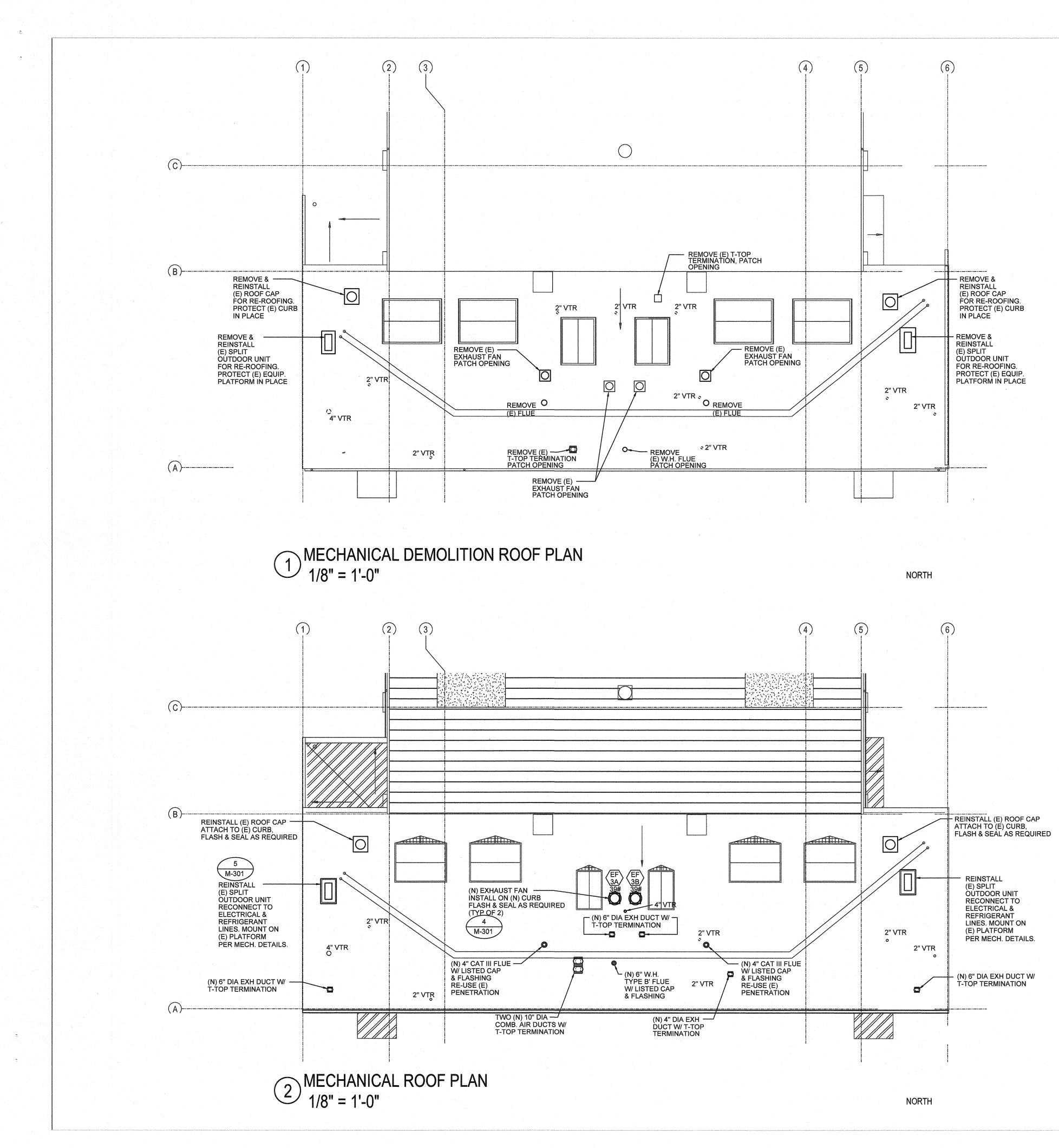
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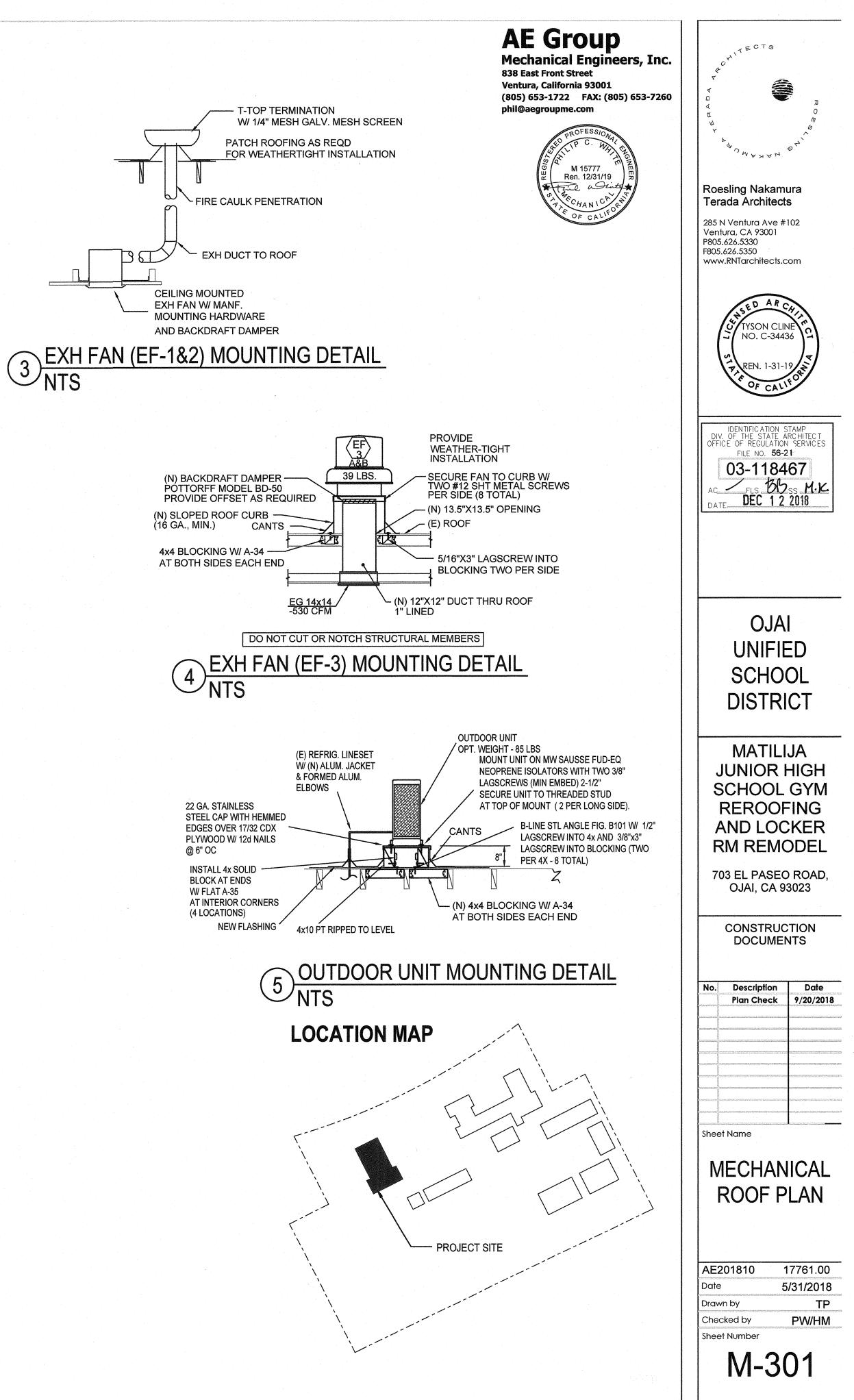
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MECHANICAL NOTES SCHEDULES AE201810 17761.00 5/31/2018 Date TP Drawn by PW/HM Checked by Sheet Number M-100



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		nior high school gym reroofing	and locker rm remodel
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A. MECHAN	ICAL CO	MPLIANCE DOCUMENTS & WOR	KSHEETS (check box if worksheet is included)
			rgy Efficiency Standards compliance forms, re to be incorporated onto the building plans.
YES	NO	Comp. Doc./Worksheet #	Title
Ø		NRCC-MCH-01-E (Part 1 of 3)	Certificate of Compliance, Declaration. Rec
Ø		NRCC-MCH-01-E (Part 2 of 3)	Certificate of Compliance, Required Accept
Ø		NRCC-MCH-01-E (Part 3 of 3)	Certificate of Compliance, Required Accept
Ø		NRCC-MCH-02-E (Part 1 of 2)	Mechanical Dry Equipment Summary is rec
Ľ		NRCC-MCH-02-E (Part 2 of 2)	Mechanical Wet Equipment Summary is re systems. It is optional on plans.
D		NRCC-MCH-03-E	Mechanical Ventilation and Reheat is requi optional on plans.
D	Ø	NRCC-MCH-07-E (Part 1 of 2)	Power Consumption of Fans. Required on
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CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

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Mechanical Syste	ms							(Page 3 of 4
Project Name: Matilija	a junior h	igh school gym rero	ofing and locker rm i	remodel	***	Date Prepared: 5/2	5/2018	
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Ventura, Ca 93001

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Company:	AE Group Mechanical Engineers, Inc.	Signature Date: 5/2
Address:	838 E. Front St.	CEA/ HERS Certification
City/State/Zip:	Ventura, Ca 93001	Phone: (805) 65
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AE Group Mechanical Engineers, Inc. 838 East Front Street Ventura, California 93001 (805) 653-1722 FAX: (805) 653-7260 phil@aegroupme.com TECTS WAXAN M 15777 Ren. 12/31/19 Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLIN NO. C-34436 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 AC_____FLS 55 M·K. DATE DEC 12 2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date Plan Check 9/20/2018 inconstances of the second second Sheet Name ENERGY FORMS

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PLUMBING NOTES

1. SCOPE OF WORK: PLUMBING WORK INCLUDES THE FOLLOWING: DEMOLITION OF EXISTING FIXTURES & PIPING BOTH BELOW GRADE & ABOVE GRADE PIPING INDICATED ON THE THE PLUMBING AND ARCHITECTURAL DRAWINGS. AS A PART OF THIS WORK, ANYTHING OF ANY KIND RELATED TO THE BUILDING AND IT'S STRUCTURE IF REMOVED TO DEMO OR INSTALL NEW PLUMBING OF ANY KIND, NEEDS TO BE REPLACED AND PUT BACK TO A BETTER CONDITION PER LATEST BUILDING CODE THAN WHAT WAS PRIOR TO WORK TAKING PLACE. FURNISH AND INSTALL ALL PIPING AND PLUMBING FIXTURES SHOWN ON THE PLUMBING AND ARCHITECTURAL DRAWINGS AND DESCRIBED IN THESE NOTES AND THE BOOK SPECIFICATIONS. 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, 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 <u>CALIFORNIA811.ORG</u> 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 <u>CALIFORNIA811.ORG</u>. 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. 80 PVC. INSTALL TAPE MARKERS AND TRACER WIRES FOR ALL BURIED PLASTIC PIPE. 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-LK 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 2-1/2" AND SMALLER SHALL BE US MANUFACTURED BLACK (INTERIOR) OR GALVANIZED (EXTERIOR) SCH. 40 STEEL PIPE WITH 150 POUND BLACK OR GALVANIZED THREADED FITTINGS. ALL UNDERGROUND NATURAL GAS PIPING SHALL BE US MANUFACTURED POLYETHYLENE PLASTIC SDR 11.0 OR LESS APPROVED FOR NATURAL GAS SERVICE, JM EAGLE OR EQUAL. INSTALL TRACER WIRES FOR UNDERGROUND PLASTIC PIPE. TRANSITIONS FROM PLASTIC TO STEEL PIPE SHALL BE MADE WITH PRE-BENT ANODELESS LISTED STEEL TRANSITION FITTING. FOR INDIVIDUAL GAS SHUTOFF VALVES AT BUILDINGS, McDONALD 10710 FOR 1-1/2" AND SMALLER & ROCKWELL SUPER NORDSTROM 200 CWP FLANGED FOR 2" AND LARGER. PROVIDE A CAPPED DIRT LEG IN EACH PIPE SERVING GAS BURNING EQUIPMENT. PAINT EXPOSED PIPING, VALVES, CLAMPS, & STRUTS WITH ANTI-CORROSIVE PAINT (COLOR TO MATCH ADJACENT SURFACE). SUPPORT ON STRUT PER 2016 CPC.

15. WASTE AND VENT PIPING: ALL DRAIN & VENT PIPING AND 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 ACCESSIBLE LAVATORIES AND SINKS, INSULATE WITH PLUMBEREX HANDY-SHIELD MAXX, WITH TAMPER-RESISTANT FASTENERS. 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. ALL UNDERGROUND CAST IRON SHALL BE WRAPPED WITH 10 MIL POLYETHYLENE PER THE DUCTILE IRON PIPE RESEARCH COUNCIL RECOMMENDATIONS.

16. 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-UY; 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.

17. CONDENSATE DRAINS: ALL CONDENSATE DRAINS SHALL BE U.S. MANUFACTURED TYPE "L" HARD COPPER, WITH SOLDER WROT COPPER FITTINGS. SLOPED AT 1/4" PER FOOT MINIMUM. DRAINS SHALL DISCHARGE WHERE INDICATED INTO AN APPROVED INDIRECT WASTE RECEPTOR. PROVIDE TEE W/ BRASS PLUG AT CHANGES OF DIRECTION.

18. 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 HORY HEIGHT. TO PREVENT SWAYING, PROVIDE LATERAL BRACING AT TEN FOOT INTERVALS ANCHORED TO OVERHEAD FRAMING HORY 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.

19. ROUGH-IN: EXCEPT WHERE INDICATED IN THE FIXTURE SCHEDULE FOR HANDICAPPED FIXTURES, PIPING ROUGH-IN SHALL BE IN PRECISE ACCORDANCE WITH THE STANDARD ROUGH-IN DIMENSIONS PUBLISHED BE 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.

20. 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. FOR ACCESSIBLE LAVATORIES AND SINKS, INSULATE WITH PLUMBEREX HANDY-SHIELD MAXX, WITH TAMPER-RESISTANT FASTENERS, ADA COMPLIANT UNDER-LAV INSULATOR PROTECTORS OR EQUAL.

21. 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.

22. 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.

23. MAINTAIN A MINIMUM OF TEN FEET OF CLEARANCE BETWEEN ANY AIR INTAKE AND ALL VENTS AND FLUES.

24. 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.

25. 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.

26. 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.

27. SEISMIC ANCHORING: ANCHOR ALL EQUIPMENT INCLUDING WATER HEATERS TO RESIST SEISMIC INDUCED MOTION WITH APPROVED ANCHORING DEVICES PER CPC & CBC REQTS.

28. AS-BUILT DRAWINGS SHALL BE GIVEN TO THE SCHOOL DISTRICT PRIOR TO ACCEPTANCE OF THE PROJECT.

29. 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.

30. CLEANUP: CONTRACTOR SHALL THOROUGHLY CLEAN ENTIRE JOBSITE EVERY DAY OF ALL DEBRIS ASSOCIATED WITH PLUMBING INSTALLATION.

31. COORDINATION: CONTRACTOR SHALL COORDINATE WITH THE SCHOOL'S PROJECT MANAGER AND ALL RELATED TRADES.

32 CAP ALL ABANDONED PIPING BELOW FINISHED WALL OR FLOOR SURFACES.

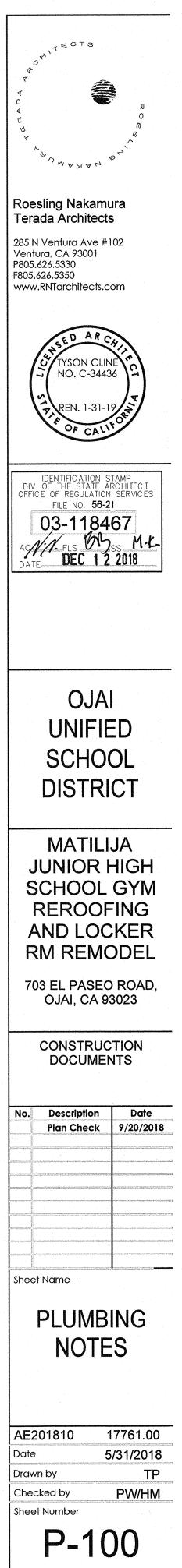
33. CONTRACTOR SHALL REBUILD ALL FLUSHOMETERS 30 DAYS AFTER STARTUP.

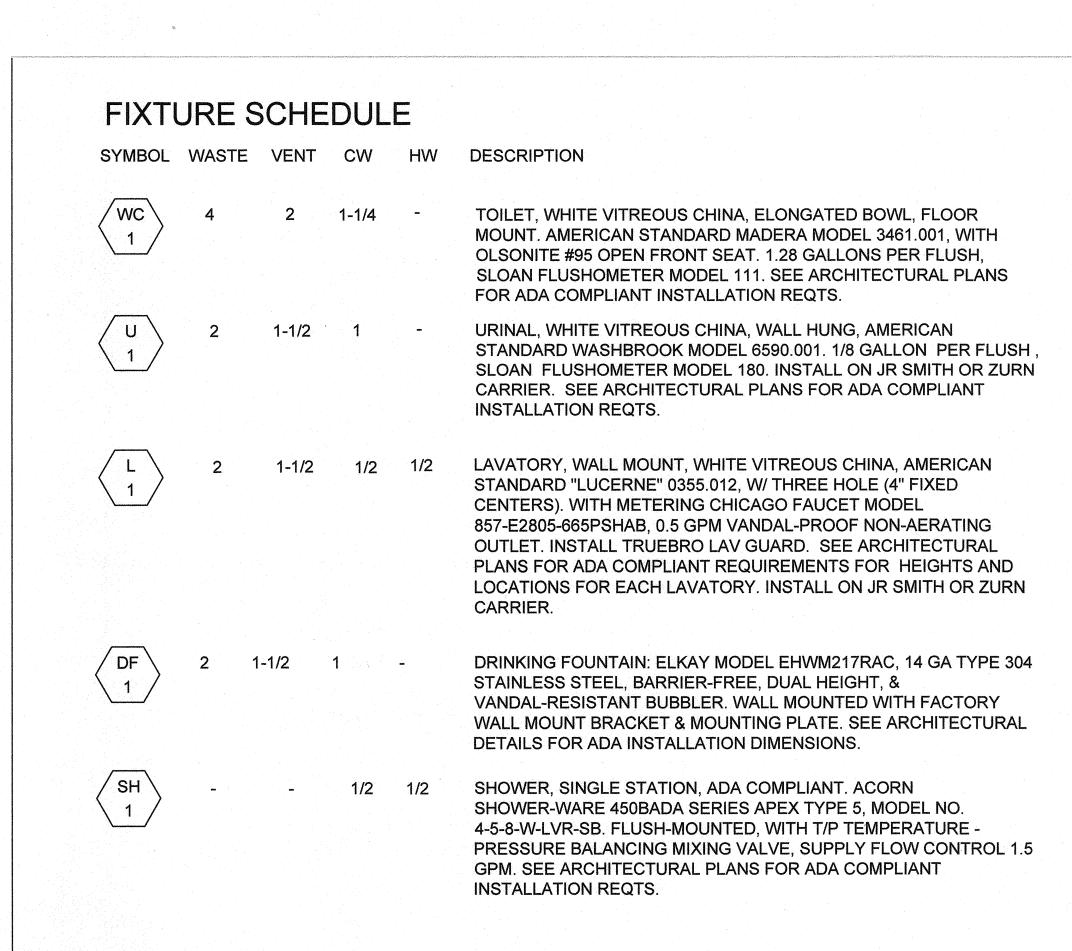
34. CUTTING AND PATCHING. WORK INCLUDES CUTTING AND PATCHING (TO MATCH EXISTING) ALL SURFACES AND SYSTEMS DISTURBED BY THE PLUMBING WORK.

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GREEN BUILDING NOTES

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1. GENERAL CONTRACTOR SHALL ESTABLISH A CONSTRUCTION WASTE MANAGEMENT PLAN FOR THE DIVERTED MATERIALS, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, 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.

FIXTURE SCHEDULE

SYMBOL	WASTE	VENT	CW	HW
MS	3	2	3/4	3/4
1				

$\begin{pmatrix} HB \\ 1 \end{pmatrix}$	· · · ·	. - .	3/4	
SHD 1	2	1-1/2"	1/2 (TP)	
$\left\langle \begin{array}{c} FD\\ 1\end{array} \right\rangle$	2	1-1/2"	1/2 (TP)	.
$\left< \begin{array}{c} FS \\ 1 \end{array} \right>$	2	1-1/2"	1/2	-
$\left< \frac{TP}{1} \right>$	- " " "	-	1/2	-
		-	1	
				·

3/4

3/4

DESCRIPTION

MOP SINK. FIAT PRODUCTS MODEL TSB 3001 W/ S.S. WALL GUARD, HOSE AND HOSE BRACKET. CHICAGO FAUCET MODEL 897-RCF W/ WALL BRACE, & VACUUM BREAKER SPOUT WITH PAIL HOOK.

NIBCO "WOODFORD" MODEL MB224 WITH MODULAR BOX SYSTEM, WALL HYDRANT, POLISHED BRASS, LOOSE TEE KEY. NIDEL 34HF ANTI SIPHON VACUUM BREAKER.

SHOWER DRAIN. JR SMITH MODEL #2005Y-B-P, ZURN MODEL #415 J OR EQUAL. WITH SQUARE TOP, NO HUB AND TRAP PRIMER CONNECTION.

FLOOR DRAIN. JR SMITH MODEL #2005Y-B-P, ZURN MODEL #415 J OR EQUAL. WITH SQUARE TOP, NO HUB AND TRAP PRIMER CONNECTION.

FLOOR SINK, JR SMITH FIG. 3101Y-C-U-12, 8-1/2" SQUARE TOP, NICKEL BRONZE RIM, 3/4 GRATE. WITH RECTORSEAL SURESEAL TRAP SEAL.

TRAP PRIMER, MIFAB M-500, INSTALL IN COLD WATER LINE WITH 12"X12" JR SMITH 4730-U-NB STAINLESS STEEL ACCESS COVER. INSTALL W/MI-DU DISTRIBUTION UNIT WHERE MULTIPLE TRAPS ARE SERVED.

WATER HAMMER ARRESTOR. JR SMITH 5005, ZURN Z-1700 #100, OR EQUAL. LOCATE INSIDE WALL WITH 12"X12" JR SMITH 4730-U-NB, STAINLESS STEEL ACCESS COVER WITH VANDAL-PROOF SCREWS.

RE-LOCATE (E) WATER HEATER. BRADFORD WHITE MODEL D100L270E3N. 100 GAL. CAPACITY. INPUT - 270,000 BTUH. ELEC. DATA 115/1/60. PROVIDE AND INSTALL NEW HOLD-RITE SEISMIC RESTRAINT, DRIP PAN AND STAND, TYPE B FLUE, DIELECTRIC FITTINGS, T&P DRAIN, SUPPLY TUBES, AND WATTS EXPANSION TANK & TEMPERING VALVE. OPT. WT. 1,559 LBS.

RE-CIRCULATING PUMP. HOT WATER SYSTEM. 5 GPM @ 25 FT HEAD. GRUNDFOS MODEL UP26-96 BF WITH OPEN ON RISE HONEYWELL AQUASTAT L4006 AND 7-DAY TIME CLOCK .. ELECTRICAL DATA - 208/1/60 1/12 HP. OPT. WT. 11.5 LBS.

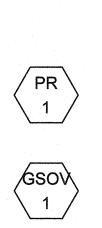
SHUT-OFF VALVE. NIBCO S-685-80-LF. 1/2" THRU 2", BRONZE BALL VALVE, FULL PORT, SOLDER END. T-FP-600A-LF, 2-1/2" & LARGER, BRASS BALL VALVE, FULL PORT, THREADED END, LOCATE IN RESTROOM CEILING BEHIND JR SMITH, 15x15, 4730-U-NP STAINLESS STEEL ACCESS COVER W/ VANDAL PROOF SCREWS. TO PROVIDE INDIVIDUAL RESTROOM ISOLATION FOR SERVICE. SIZE ON PLANS.

WATER PRESSURE REGULATION STATION. WILKINS MODEL 500YSBR. SEE DETAIL 1 ON SHEET P-402. ONE (3/4") AND ONE (1-1/2") WITH WATTS PRESSURE GAUGES SERIES DPG1. WITH STRAINER & HOSE BIBB UPSTREAM.

GAS SHUT OFF VALVE: ROCKWELL, SUPER NORDSTROM PLUG VALVE, REGULAR PATTERN, ASME CLASS 600 - FIGURE 2224, CARBON STEEL BODY, THREADED. INSTALL PER MANUFACTURERS **RECOMMENDATIONS. SIZE ON PLANS.**

SEISMIC SAFETY GAS VALVE: PACIFIC SEISMIC PRODUCTS, KOSO, OR SAFE-T-QUAKE, SIZE ON PLANS. PROVIDE MODEL SUITABLE FOR **ORIENTATION OF INSTALLED UNIT.**

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NOTE :

CONTRACTOR SHALL FIRST OFFER ALL REMOVED FIXTURES TO THE DISTRICT. IF NOT WANTED BY THE DISTRICT, CONTRACTOR SHALL PROPERLY DISPOSE / RECYCLE.

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NATUR/ MATILIJ							12, TABLE 1216.2(1)	}
EQUIPM UH UNI WATER TOTAL:	T (UH- HEAT				<u>QTY</u> 2 1	<u>BTUH/EA</u> 75,000 270,000	<u>TOTAL BTUH</u> 150,000 <u>270,000</u> 420,000	
CFH @	1,000 <u>I</u>	BTUH CF					420 CFH	
DISTAN	ICE TO	FURT	HEST A	APPLIAN	NCE:	140 FT.		
FROM T	FABLE	1216.2	(1) (150) FT.)				
	1/2" 40	3/4" 83	1" 157	1-1/4" 322	1-1/2" 482	2" 928		

IMPORTANT NOTICE
ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR IS TO NOTIFY UNDERGROUND SERVICE ALERT TWO WORKING DAYS PRIOR TO STARTING ANY EXCAVATION OR RESUR- FACING.
CONTACT 811 OR california811.org

SYMBOL LEGEND

0	FLOOR DRAIN
Ø	FLOOR CLEAN OUT
Q	COTG IN YARD BOX
X	FLOOR SINK
\mathbf{X}	WALL CLEAN-OUT
\bowtie	SHUT-OFF VALVE
POD POC	POINT OF DISCONNECT POINT OF CONNECTION
-++	HOSE BIB
	SAWCUT & PATCH
50 de tás, se practico	

LINE LEGEND

	(E) COLD WATER
adauteriansensensensensensensensensensensensensen	(N) COLD WATER
	(E) HOT WATER
nanganganan manjum pangkan nangangan nangangan nangangan	(N) HOT WATER
TW	(N) TEMPERED WATER
HWR	(N) HOT WATER RETURN
antanananan antanananan antanantan	(E) VENT
Andres and and an	(N) VENT
n se en la dreu a constantivit, en a qui en antificial de an	(N) WASTE OR SEWER
matricality and an and an and a second a second	(E) WASTE
	DEMO WASTE
- G G	(E) GAS
· G —— G ——	(N) GAS
COND	(N) CONDENSATE
+ ++- +	TEE

MATERIAL SCHEDULE - ALL US MANUFACTURER

SCHEDULE 80 PVC

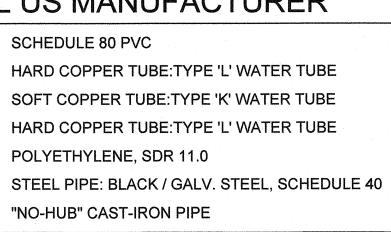
SITE WATER PIPING, UNDERGROUND: DOMESTIC WATER PIPING, ABOVE GROUND: DOMESTIC WATER PIPING, BELOW GRADE: **CONDENSATE DRAIN PIPING:** NATURAL GAS PIPING, BURIED: NATURAL GAS PIPING, ABOVE GROUND: SANITARY WASTE AND VENT PIPING:

DIGALEF	Ĩ
	CONTACT 811 AT LEAST TWO DAYS BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

ABBREVIATIONS

ABV. APPRO AFF	V. ABBREVIATIONS ABOVE X. APPROXIMATELY ABOVE FINISHED FLOOR BUILDING
BOT CFM CL C	BELOW BOTTOM CUBIC FEET PER MINUTE ENTERLINE CEILING
CONT CW	CONDENSATE CONTINUED COLD WATER DIAMETER DOWN
DWG (E) E EA E	OOWN SPOUT DRAWING XISTING ACH V ELEVATION
ELEC EQ E EQUIP EXH	ELECTRIC EQUIPMENT EQUIPMENT EXHAUST
FLR FRM G G	INISHED FLOOR FROM AS GALLONS PER MINUTE
HWR MIN. I MAX.	HOT WATER HOT WATER RETURN MINIMUM MAXIMUM EW
OĆ (POC RD F SHT	ON CENTER POINT OF CONNECTION ROOF DRAIN SHEET
TP T TW T TYP	SHUT-OFF VALVE RAP PRIMER TEMPERED WATER TYPICAL UNDERGROUND
	VENT TO ROOF WALL CLEAN-OUT



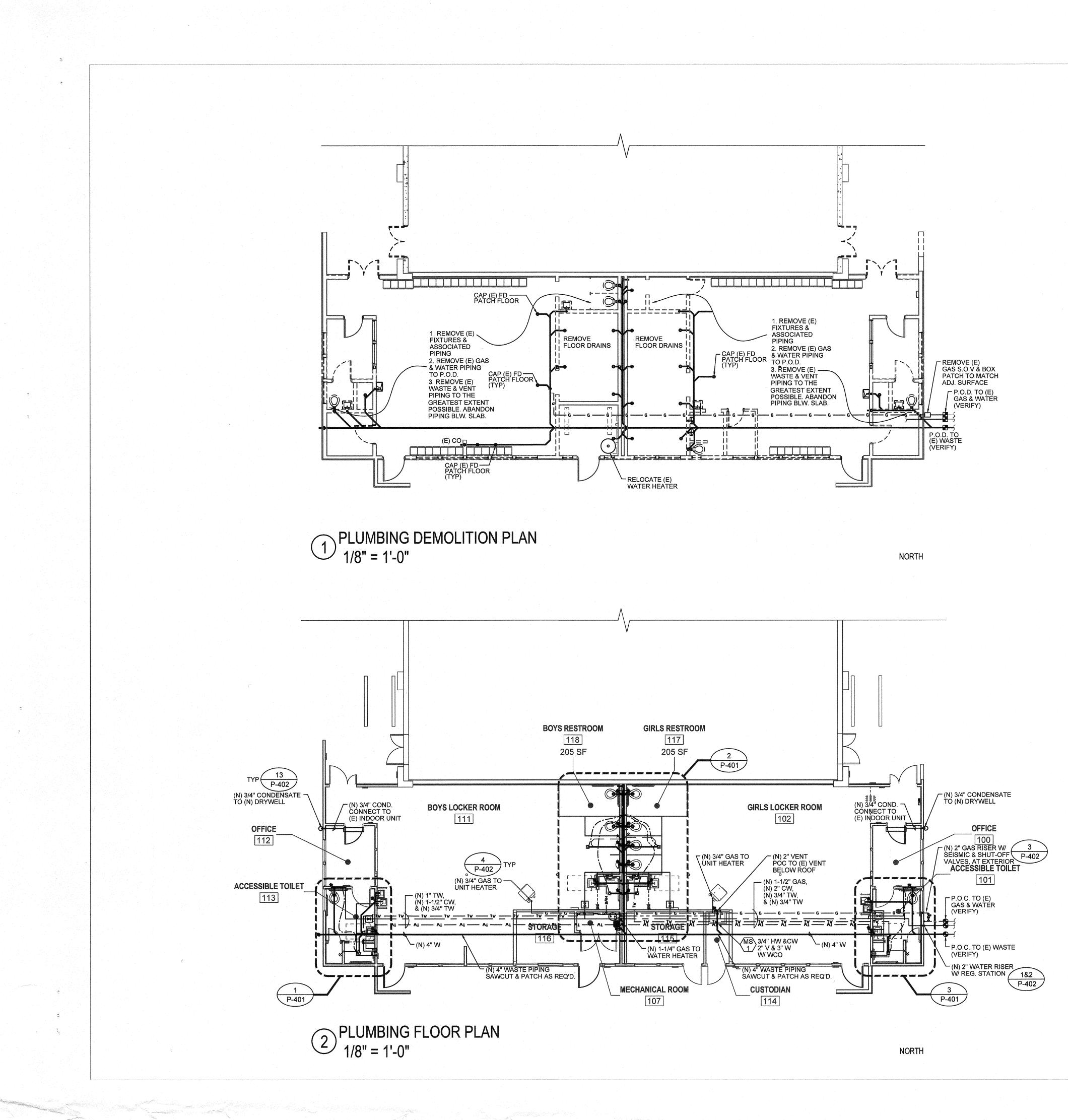
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Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com
TYSON CLINE NO. C-34436 REN. 1-31-19 OF CALLFOR
IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 ACM-FLSDD SS M.K DATE DEC 12 2018
OJAI UNIFIED SCHOOL DISTRICT
MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER RM REMODEL 703 EL PASEO ROAD, OJAI, CA 93023
CONSTRUCTION DOCUMENTS No. Description Date

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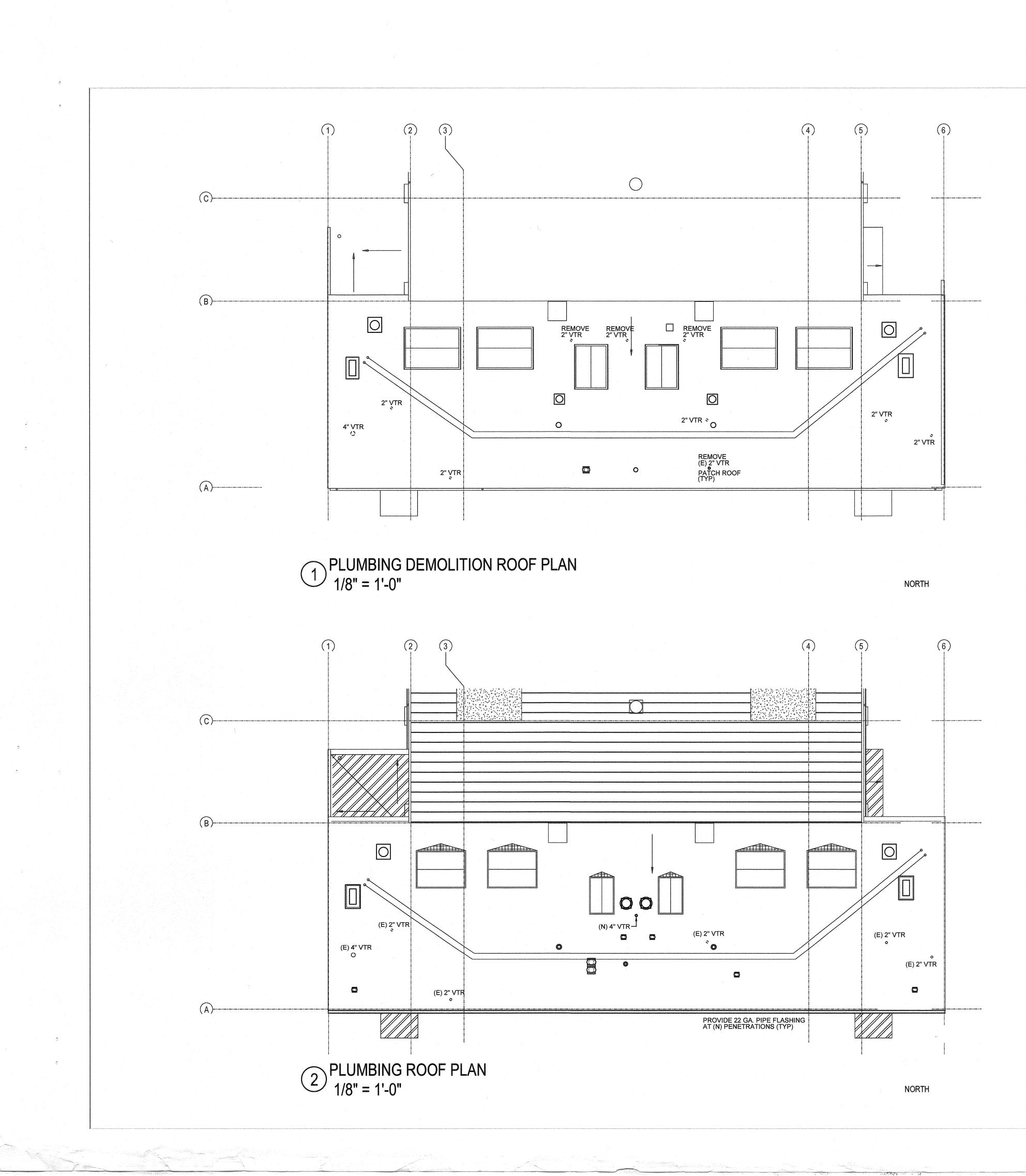
PLUMBING SCHEDULE

Sheet Name

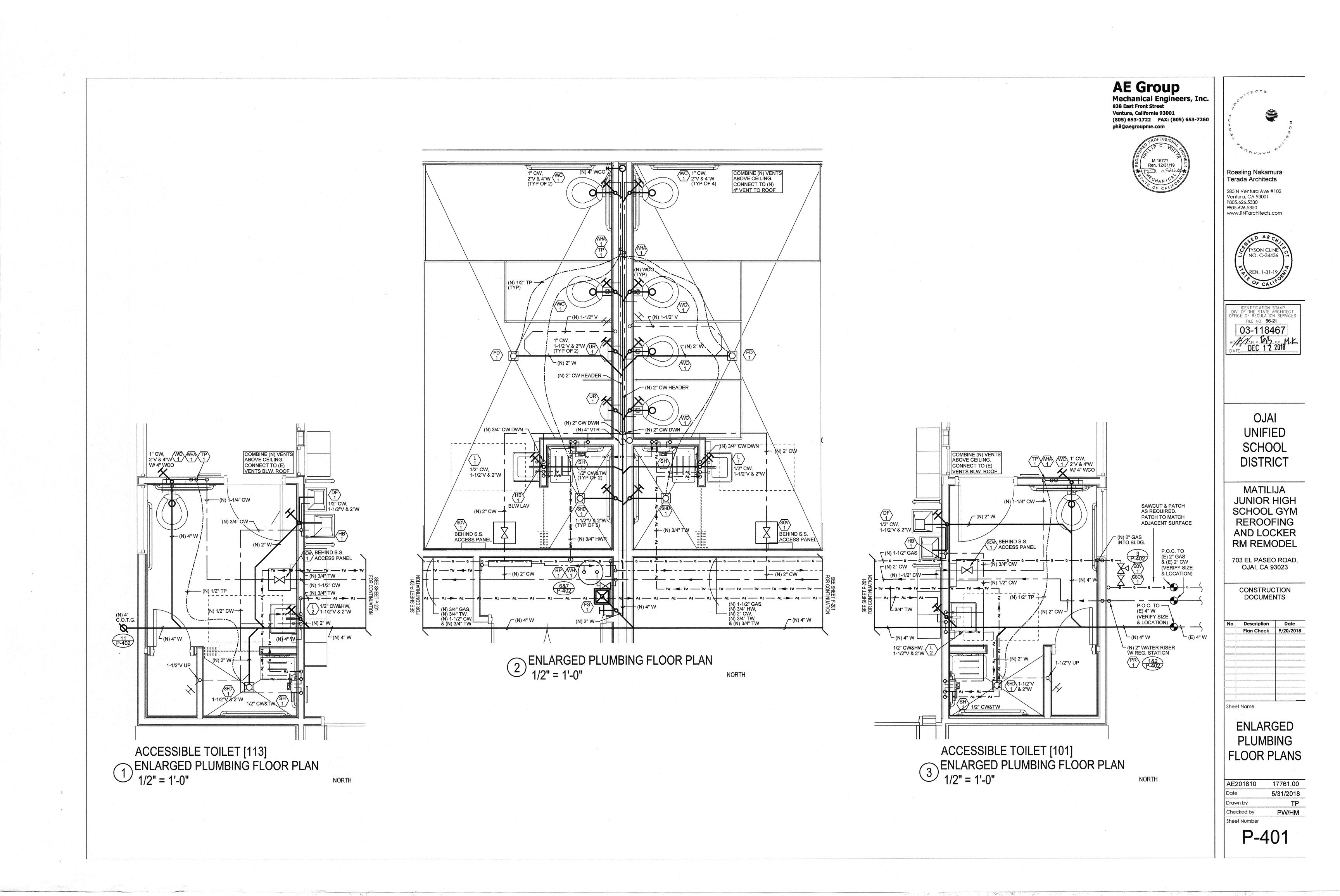
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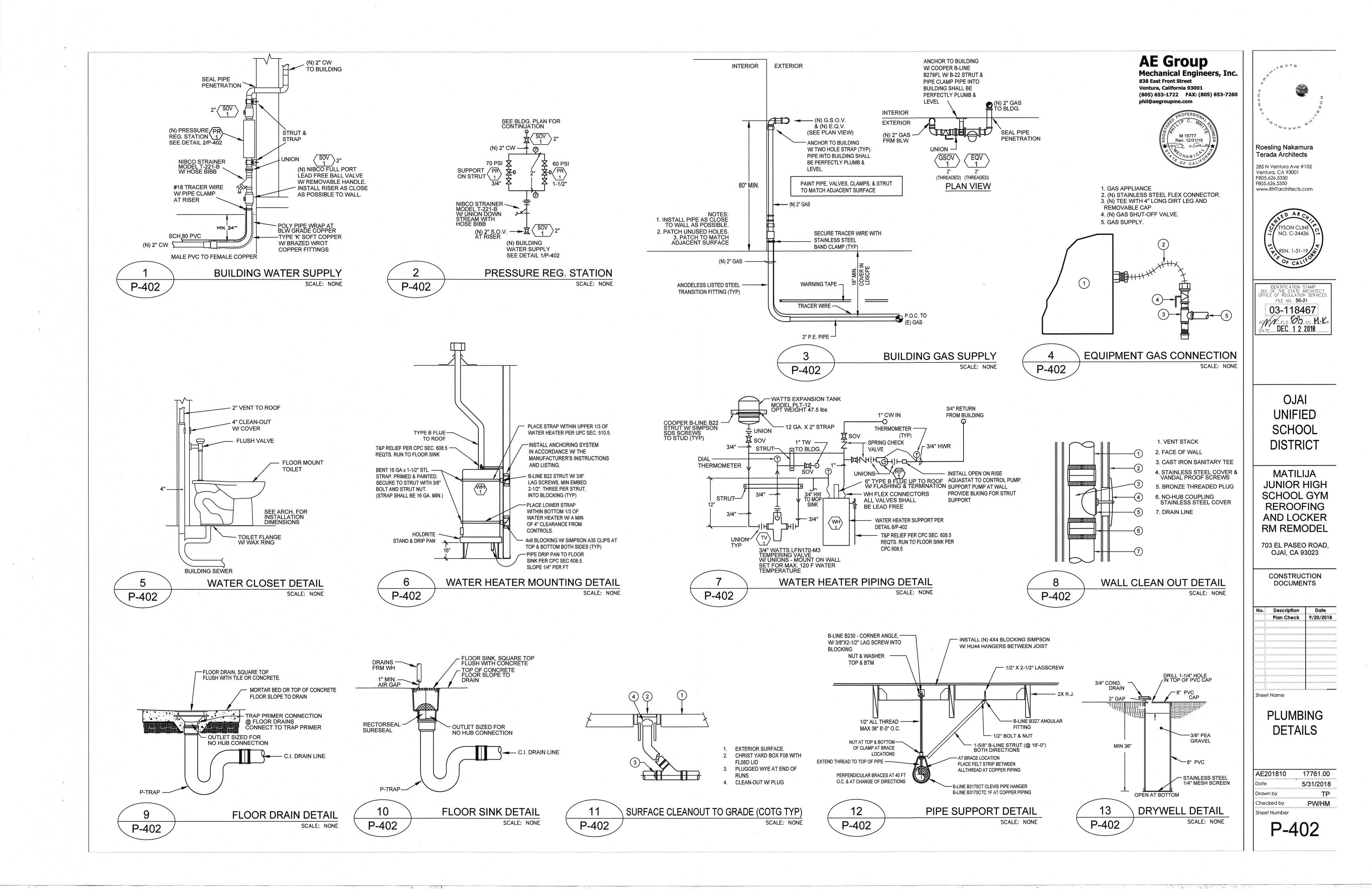


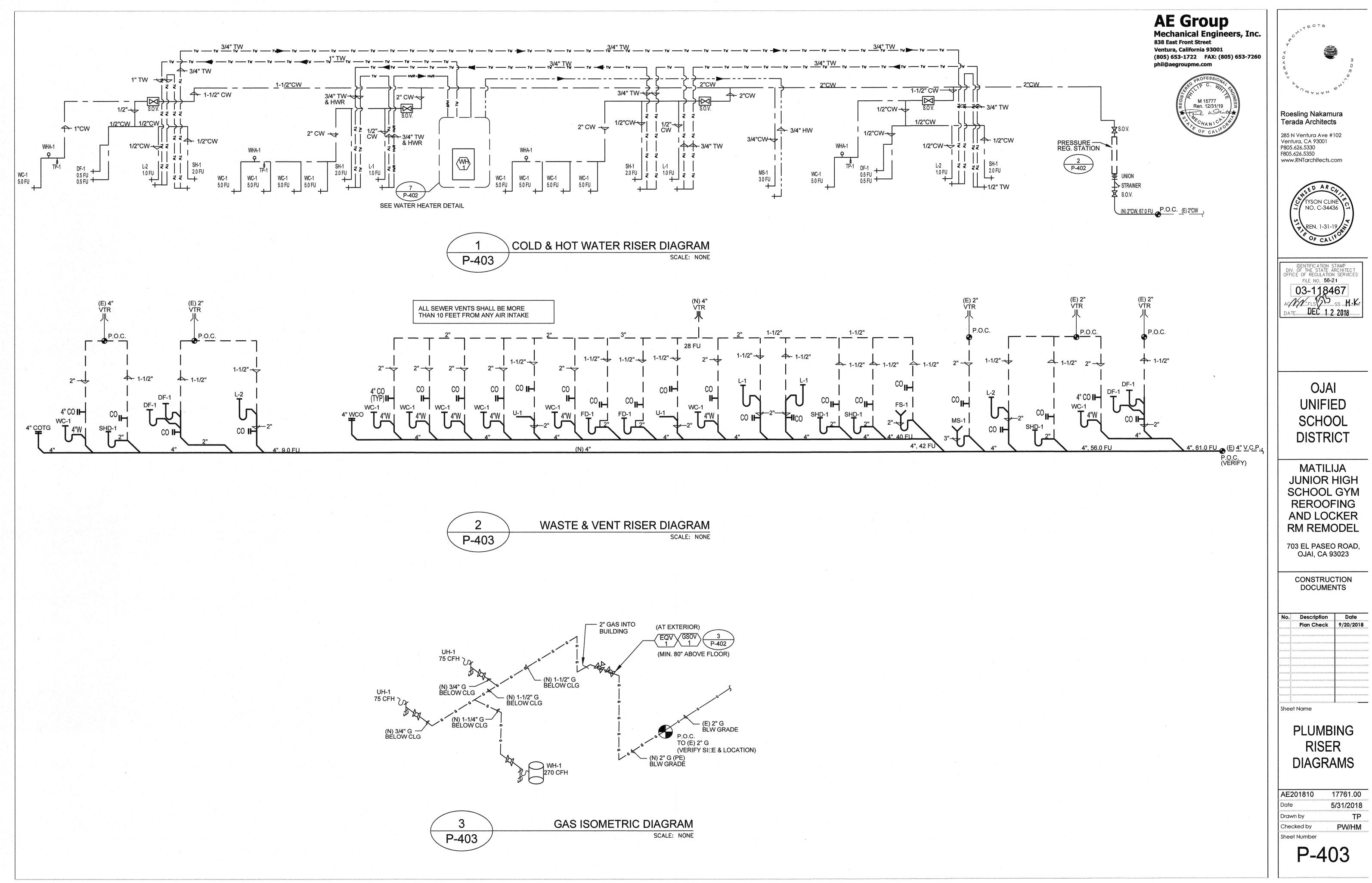
AE Group Mechanical Engineers, Inc. 838 East Front Street Ventura, California 93001 (805) 653-1722 FAX: (805) 653-7260 phil@pagroupme.com TECTS phil@aegroupme.com WAXA 2 (M 15777 2 (Ren. 12/31/19 ★ (Zinter a Sinter a) Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLIN NO. C-34436 IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT FFICE OF REGULATION SERVICE FILE NO. 56-21 03-118467 AC 1.1.FLS 6 55 M.K. DATE DEC 12 2018 OJAI UNIFIED SCHOOL DISTRICT MATILIJA JUNIOR HIGH SCHOOL GYM REROOFING AND LOCKER **RM REMODEL** 703 EL PASEO ROAD, OJAI, CA 93023 CONSTRUCTION DOCUMENTS No. Description Date 9/20/2018 Plan Check LOCATION MAP Sheet Name PLUMBING FLOOR PLAN - PROJECT SITE AE201810 17761.00 5/31/2018 Date Drawn by TP PW/HM Checked by Sheet Number P-201



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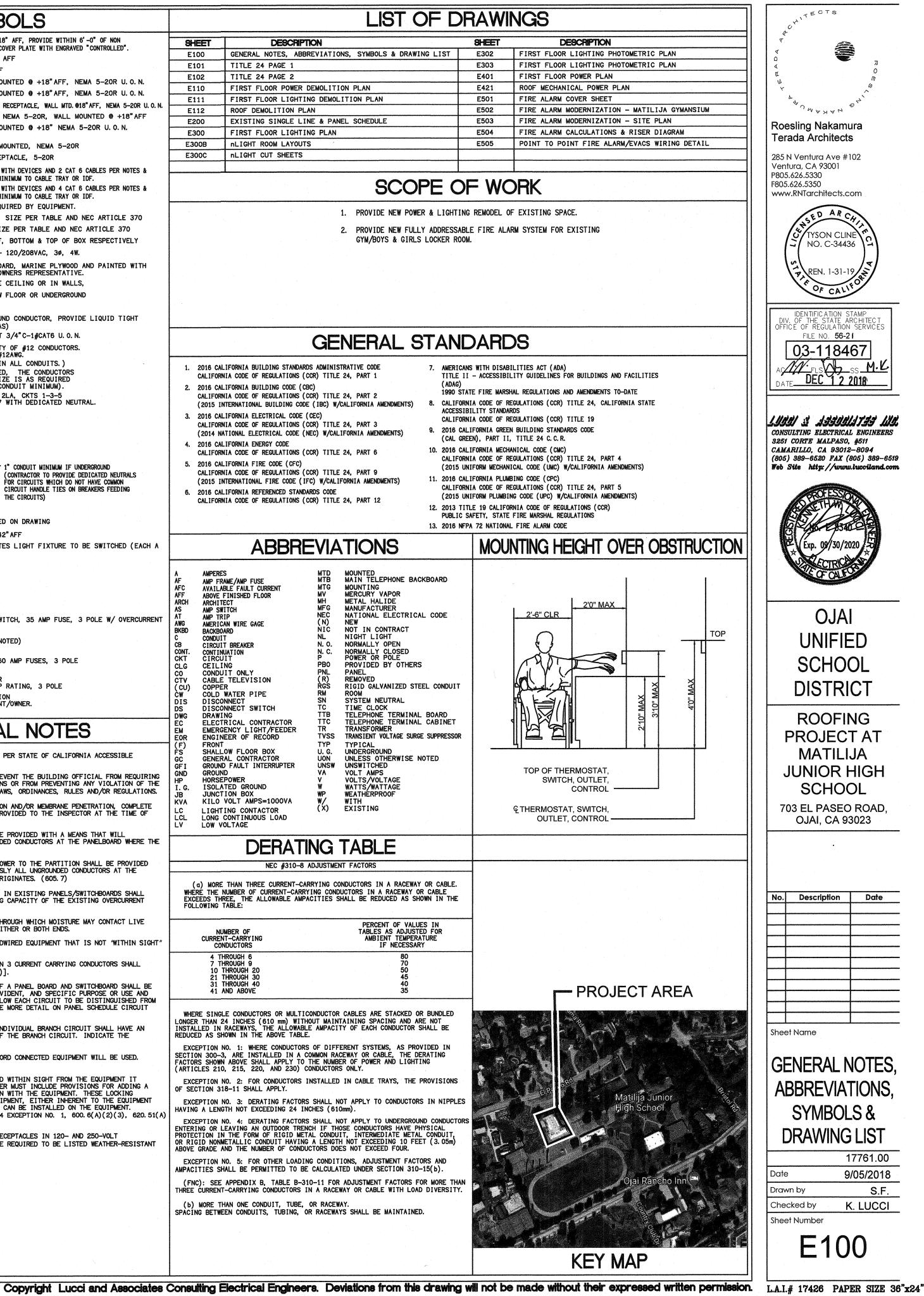


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DATE: 6 September 2018 TIME: 2:10		 WORK SHALL BE CONTRACTOR FUNCISED AND CONTRACTOR INSTALLED, UNLESS SPECIFICALLY NOTED OTHERWISE. THE WORK INCLUDES BUT IS NOT LIMITED TO THE FOLLOWING PRINCIPAL SYSTEMS AND EQUIPMENT. PERMITS AND CHARGES OBSTRUCTION. REGULATIONS AND PAY FOR ALL NECESSARY CONSTRUCTION PERMITS, INSPECTION FEES, AND OTHER CHARGES BY AGENCIES HAVING JURISDICTION. REGULATIONS AND CODES PROVIDE AND INSTALL ALL MATERIALS IN CONFORMANCE WITH THE 2016 C.E.C., CALIFORNIA ADMINISTRATIVE CODE TITLE 8, AND OTHER CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL EQUIPMENT IN A DOMINISTRATIVE CODE TITLE 8, AND OTHER CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL EQUIPMENT IN A CONTRACTOR WITH THE REQUIREMENTS OF THE INSPECTIVE AUTHORITY AND THE MANUFACTURERS RECOMMENDATIONS. WERLEYING EXISTING CONDITIONS DETRICTIONS AND DESCRIED HARE INAMER SUCH STUCK AND AND TA ACCEPT ALL CONDITIONS FILE CONTRACTOR SHALL BE DEDUCED TO HAVE MADE SUCH STUCK AND AND TO ACCEPT ALL CONDITIONS FILE CONTRACTOR SHALL BE DEDUCED TO HAVE MADE SUCH STUCK AND AND TO ACCEPT ALL CONDITIONS REGULARD WITH OTHER TRADES. OBTINING AND DESCRIED TO HAVE MADE SUCH STUCK AND ADMINISTICATION A NOT ACCEPT ALL CONDITIONS REGULARD WITH OTHER TRADES. OBTINING AND PROVIDE ALL BECONTRACTOR THE WORK, MORE WITH ATT THE STILL. NO REQUEST FOR ADDITIONAL PAYMENT WILL BE CONSIDERED AS VALID, DUE TO FAILURE TO ALLOW FOR CONDITIONS UNDITIONS WHICH MAY EXIST. CONDOMINATE ALL WORK WITH OTHER TRADES. OBTINING ALL DRAWINGS OR NOT. ELECTRICAL COMPENTION REQUIRED WHICH MAY EXIST. CONDOMINATE ALL WORK WITH OTHER TRADES. OBTINING ALL DRAWINGS OR NOT. ELECTRICAL CONNECTION REQUIRED METHER SHOWN DIAGRAMMATICALLY, EXACT LOCATION SHALL BE VERIFIED. SCALING OFF OF DRAWINGS SHALL BE DONE AT CONTRACTORS RESPONSIBILITY. FIXTURES ARE SHOWN FOR CIRCUMINENT FROM PLANS. LICHTING FUNCTION TO VERTEY SIZES & QUANTITIES FRITORS REQUIRED. CONTINATION AND PROVIDE ANY	 MAINTAIN ACCESS TO E OR PROVIDE ACCESS PA BEGINNING OF DEMOLIT EXECUTION CAREFULLY PROTECT AL ON FINISHED SURFACES ORIGINAL CONDITION A EQUIPMENT, MATERIALS LOCATIONS. ANY MATE QUALITY. DO ALL DRILLING, CUT INDICATED OR HEREIN PATCHED, UNLESS INDI AND FITTINGS PENETRA ALL CONDUIT RUNS SHA CONDUITS. EXISTING CONDITION S FOR REFERENCE ONLY. ALL WORK SHOWN IS NE EQUIPMENT MOUNTING A TELEPHONE SYSTEM PER THE ALL CAT 6 CABLES SHALL E SHALL BE PROVIDED WITH T GROUNDING & BONDING FURNISH AND INSTALL COME GROUNDING SHALL DE MAINT GROUNDING SHALL DE MAINT GROUNDING SHALL DE MAINT GROUNDING SHALL DE MAINT MATERIALS AND EQUIPM MATERIALS AND EQUIPM MATERIALS AND EQUIPM REQUIRED BUT NOT NOR CONNECTORS AND HARDW ELECTRICAL SECTIONS. PROCURE ALL PERMITS
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DATE: 6 September 2018 TIME: 2:10		 BEFORE SUBMITTING BID, BECOME THOROUGHLY FAMILIAR WITH ACTUAL EXISTING CONDITIONS AT THE BUILDING. THE INTERT OF THE WARK, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION AND TO ACCEPT ALL CONDITIONS PRESENT AT THE SITE. NO REQUEST FOR ADDITIONAL PAYMENT WILL BE CONSIDERED AS VALID, DUE TO FAILURE TO ALLOW FOR CONDITIONS WHICH MAY EXIST. COORDINATE ALL WORK, WITH OTHER TRADES. OBTAIN ALL DRAWINGS THAT WILL REQUIRE COORDINATION AND PROVIDE ALL ELECTRICAL CONNECTION REQUIRED WHETHER SHOWN ON ELECTRICAL DRAWINGS OR NOT. ELECTRICAL EQUIPMENT LOCATIONS INDICATED ARE SHOWN ON ELECTRICAL DRAWINGS OR NOT. ELECTRICAL EQUIPMENT LOCATIONS INDICATED ARE SHOWN DIAGRAMMATICALLY, EXACT LOCATION SHALL BE VERIFIED. SCALING OFF OF DRAWINGS SHALL BE DONE AT CONTRACTORS RISK. DO NOT SCALE DEVICES, LIGHTING FIXTURES OR ANY EQUIPMENT FROM PLANS. LIGHTING FIXTURE QUANTITIES AND LENGTHS SHALL BE CONTRACTORS RESPONSIBILITY. FIXTURES ARE SHOWN FOR CIRCUITINE ONLY. CONTRACTOR TO VERIFY SIZES & QUANTITIES PRIOR TO BID. SERVICE CONTINUITY UNINTERRUPTED EXISTING ELECTRICAL POWER SHALL BE MAINTAINED TO OTHER TRADES FOR TEMPORARY POWER AREAS OF THE SITE DURING CONSTRUCTION. PROVIDE ANY TEMPORARY SERVICES AS MAY BE REQUIRED. IDENTIFY AT BID TIME, ALL WORK TO BE DONE ON PREMIUM TIME AND THE TOTAL OVERTIME MAN-HOURS REQUIRED FOR COMPLETION. AS BUILT PROVIDE RECORD DRAWINGS SHALL BE SIGNED AND DATED BY CONTRACTOR FRIOR TO RELEASE OF FINAL RETENTION OF ALL MONTES. GUARANTEE CONTRACTOR DRAWINGS SHALL BE SIGNED AND DATED BY CONTRACTOR FRIOR TO RELEASE OF FINAL RETENTION OF ALL MONTES. GUARANTEE CONTRACTOR DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U. L. LABEL OR THAT OF ANOTHER ACCEPTABLE TESTING LABORATORY. SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL. SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR R	QUALITY. 3. DO ALL DRILLING, CUT INDICATED OR HEREIN PATCHED, UNLESS INDI AND FITTINGS PENETRA 4. ALL CONDUIT RUNS SHA CONDUITS. 5. EXISTING CONDITION S FOR REFERENCE ONLY. 6. ALL WORK SHOWN IS NE EQUIPMENT MOUNTING A E. TELEPHONE SYSTEMS PROVIDE RACEWAYS, AND AL TELEPHONE SYSTEM PER THE ALL CAT 6 CABLES SHALL E SHALL BE PROVIDED WITH T F. GROUNDING & BONDING FURNISH AND INSTALL COMF GROUNDING SHALL BE MAINT GROUNDING SHALL BE MAINT GNONDING CONDUTS. 3. INSTALLATION 1. IT IS THE INTENT OF INSTALLATION BE PROV TOWARD THIS END FURN MATERIALS AND EQUIPM REQUIRED BUT NOT NOR CONNECTORS AND HARDW ELECTRICAL SECTIONS. 3. PROCURE ALL PERMITS
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o DATE: 6,		 CONTRACTOR SHALL UNCONDITIONALLY GUARANTEE ALL LABOR AND MATERIALS ON ALL WORK AGAINST DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE YEAR. SHOP DRAWINGS SUBMIT SHOP DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U.L. LABEL OR THAT OF ANOTHER ACCEPTABLE TESTING LABORATORY. SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL. SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE, 	INSTALLATION BE PROV TOWARD THIS END FURN MATERIALS AND EQUIPM REQUIRED BUT NOT NOR CONNECTORS AND HARDW ELECTRICAL SECTIONS. 2. PROCURE ALL PERMITS
		SUBMIT SHOP DRAWINGS AND MATERIAL LIST FOR REVIEW PRIOR TO COMMENCING ANY WORK. ALL EQUIPMENT TO BEAR U.L. LABEL OR THAT OF ANOTHER ACCEPTABLE TESTING LABORATORY. SHOP DRAWINGS MUST BE STAMPED BY THE CONTRACTOR FOR CONFORMANCE PRIOR TO SUBMITTAL. SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE,	ELECTRICAL SECTIONS. 2. PROCURE ALL PERMITS
426/EL\Sheets		SUBMIT THREE HARD COPY SETS OF SHOP DRAWINGS FOR REVIEW PRIOR TO PURCHASING ALL BREAKER MOUNTING HARDWARE, DISCONNECT SWITCHES, FUSES, CONTROLLERS, LIGHTING FIXTURES, LIGHT SWITCHES, RECEPTACLES, ETC.	
\426\EL\Sheets			PLANS AUTHORIZES DEV 3. DETERMINE EXACT ROUT TRADES TO SIMPLIFY I VISUAL AND STRUCTURA
\426\EL\Sh		10. <u>CONTRACTOR BID</u> CONTRACTOR'S BID SHALL BE BASED ON ALL WORK SHOWN ON THE PLANS AND AS SPECIFIED. IF CONTRACTOR PROPOSES TO SUBSTITUTE FOR EQUIPMENT SPECIFIED, HE SHALL SUBMIT HIS REQUEST FOR CONSIDERATION OF THE OWNER AND ENGINEER PRIOR TO BID IN WRITING, ALL SUBSTITUTIONS MUST BE REVIEWED BY THE ENGINEER IN WRITING, SUCH REVIEW SHALL NOT TO BID IN WRITING. ALL SUBSTITUTIONS MUST BE REVIEWED BY THE ENGINEER IN SPECIFICATION OF AND ENGINEER AND NOT THE CONTRACTOR CONFINITION OF THE DEDUCTIONS THE ENGINEER IN SPECIFICATION OF THE OWNER AND ENGINEER AND SPECIFICATION OF THE OWNER AND SPECIFICATION OF THE OWNER AND SUCH REVIEW SHALL	4. PROVIDE A CODE APPRO MOTORS NOT EQUIPPED OVERLOAD HEATERS SIZ
\426		NOT RELIEVE THE CONTRACTOR COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS, AND THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS OWN EXPENSE FOR ANY CHARGES RESULTING FROM HIS PROPOSED SUBSTITUTIONS WHICH AFFECT OTHER PARTS OF HIS OWN WORK, THE OWNER, ENGINEER OF RECORD OR THE WORK OF OTHER CONTRACTORS.	CODES. 5. FOR CONNECTIONS TO E SOLENOID VALVES AND
4		B. MATERIAL AND INSTALLATION ALL WORK AND MATERIAL SHALL CONFORM TO THE LATEST RULES OF THE GOVERNING ELECTRICAL CODE AND INSTALLATION SHALL BE OF THE LATEST INDUSTRY STANDARDS OF WORKMANSHIP.	NECESSARILY SHOWN ON UNDER DIRECTION OF H 6. DO NOT RUN ANY CONDU LOCATE CONDUITS WITH
		ALL MATERIALS SHALL BE NEW AND LISTED FOR THE APPLICATION BY UNDERWRITERS LABORATORY (U.L.). 1. <u>CONDUITS</u> CONDUIT SHALL BE EMT, PVC, IMC, RIGID OR FLEXIBLE STEEL TYPE. CONDUIT SHALL BE MANUFACTURED IN ACCORDANCE WITH UL-1. A GROUND WIRE IS REQUIRED IN ALL FLEXIBLE CONDUIT AND UNDERGROUND CONDUIT.	SPACE THEM 3" OR MOR OVER A HORIZONTAL AR DETAILS SHOWN.
PATHNAME:		BUSHINGS SHALL BE INSTALLED ON ALL COMMUNICATION, TELEPHONE & SPEAKER CONDUITS. PROVIDE 3/16" NYLON PULL STRING IN ALL EMPTY CONDUITS. NO MC, BX OR ACGO SHALL BE PERMITTED. FLEXIBLE STEEL CONDUIT RUNS SHALL BE LIMITED TO A MAXIMUM LENGTH OF 6 FOOT. ALL CONNECTIONS SHALL BE COMPRESSION & NOT SCREW TYPE.	 SIZE OUTLET BOXES IN WHERE NOTED TO BE LA ALL ELECTRICAL WORK SERVICING, MAINTAINI
PA		2. <u>SWITCHES AND RECEPTACLES</u> PROVIDE 20AMP NEMA RATED SWITCHES AND RECEPTACLES OF SPECIFICATION GRADE. ALL SWITCHES SHALL BE RATED FOR 120 AND/OR 277 VOLT AND RECEPTACLES SHALL BE NEMA 5-20R. IN ALL OFFICES AND OFFICE AREAS	CONDUIT SHALL BE IN BEAMS AND SEPARATED OR ACROSS SUCH LINES SPECIFIC APPROVAL OF
0		DEVICES SHALL BE DECORA SERIES TYPE WITH COLOR SELECTION BY CONTRACTOR/OWNERS REPRESENTATIVE. 3. FEEDERS AND BRANCH CIRCUITS IDENTIFICATION IDENTIFY FEEDERS WITH THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE, LOAD END,	OR MASONRY, BUT NOT ENVIRONMENT. ALL HAN SUBMITTED TO ENGINEE NEATLY INSTALLED WIT CONTRACTOR SHALL SEL
17426E100		AND IN PULL BOXES WITH E-Z CODE OR OTHER APPROVED WIRE MARKER. IDENTIFY BRANCH CIRCUITS WITH I.D. MARKERS, THE CORRESPONDING CIRCUIT DESIGNATION AT THE OVER-CURRENT DEVICE, AT ALL SPLICES, IN JUNCTION BOXES, AND IN OUTLETS. USE PLASTIC COATED SELF-STICKING MARKERS SUCH AS THOMAS & BETTS E-Z CODE FOR IDENTIFICATION OF CONDUCTORS.	PAINT ALL EXPOSED CO 9. ALL RECEPTACLES SHAL OTHERWISE, MEASURED F
		IDENTIFY SIGNAL & COMMUNICATION CABLES AT TERMINAL AND OUTLET UNIQUELY WITH PERMANENT LABELING.	10. CONTRACTOR SHALL EXA CEILINGS AND FLOORS. RATED WALLS, CEILING JURISDICTION.
FILENAME:		DELIVER ALL CONDUCTORS TO THE JOB SITE IN ORIGINAL UNBROKEN CARTON OR REEL, PROPERLY TAGGED WITH U. L. LABEL, SIZE, TYPE, MANUFACTURER, TRADE NAME AND THE DATE OF MANUFACTURE. (MUST BE MANUFACTURED WITHIN 6 MONTHS)	11. ALL SWITCHES SHALL E 12. Panel circuit directo
		PROVIDE COPPER CONDUCTORS #12 AWG MINIMUM UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS. PROVIDE STRANDED COPPER CONDUCTORS FOR ALL WIRING. USE CONDUCTORS WITH 90°C THHN/THWN 600 VOLTS INSULATION, UNLESS OTHERWISE NOTED. CONDUCTOR SIZE NO. 1 AWG AND SMALLER WITH 90 DEGREE C INSULATION ARE TO USE THE 60 DEGREE COLUMN OF THE CODE, TABLE 310-16, TO DETERMINE AMPACITY. CONDUCTORS #1/0	H. FIRE ALARM SYSTEM 1. CONTRACTOR SHALL PR
DRAWING		AWG AND LARGER WITH 75 DEGREE AND 90 DEGREE INSULATION ARE TO USE THE 75 DEGREE COLUMN OF CODE, TABLE 310-16, TO DETERMINE AMPACITY. (110.14C) WHERE THE NUMBER OF CONDUCTORS IN A RACEWAY OR CABLE EXCEEDS THREE, THE ALLOWABLE AMPACITY OF EACH	A) SMOKE & CO B) HEAT DETEC C) DUCT DETEC D) STROBES/SP
		CONDUCTOR SHALL BE REDUCED PER TABLE 310. 15(B)(3)(a). 5. <u>LIGHTING FIXTURES</u> PROVIDE LIGHTING FIXTURES WITH ELECTRONIC DRIVERS PER SCHEDULE, PROVIDE WITH LAMPS BY G.E., PHILIPS	E) PULL STATI F) TAMPER AND G) SPEAKERS A 2. CONTRACTOR SHALL SU
Keener		OR SYLVANIA AS STATED IN THE SCHEDULE. NO SUBSTITUTIONS OF FIXTURES SHALL BE PROVIDED WITHOUT THE APPROVAL OF THE ENGINEER -OF-RECORD.	ALARM DRAWINGS FOR 3. CONTRACTOR SHALL BE
Lee K		6. <u>PANELBOARDS (BID SQUARE D: PROVIDE GE ALTERNATE BID)</u> DISTRIBUTION AND LIGHTING PANELBOARDS WITHIN PROJECT AREA SHALL BE OF THE COPPER BUS THREE PHASE, FOUR WIRE DISTRIBUTED PHASING TYPE. CIRCUITING SHALL BE ARRANGED TO PROVIDE, AS NEARLY AS POSSIBLE, AN EVENLY BALANCED LOAD ON ALL PHASES. PANELBOARDS SHALL BE BOLT-ON CIRCUIT BREAKER TYPE. AVAILABLE	4. ALL DEVICES AND EQU CURRENTLY LISTED. 5. CONTRACTOR SHALL W
DRAFTER: Lee		FAULT CURRENT IS STATED ON PANELBOARD SCHEDULE. PROVIDE PANEL IDENTIFICATION NAMEPLATE (ENGRAVED ON-ADHESIVE 1/2" MINIMUM LETTERS) AND TYPEWRITTEN LIST OF CIRCUITS IN THE DIRECTORY FRAME. 7. STRUCTURAL SUPPORT	6. CONTRACTOR SHALL PF SYSTEMS AND DEVICES MANUAL TAILORED FOR
DRA	COM. COM.	EACH SECTION OF FLOOR MOUNTED SWITCHBOARD, DISTRIBUTION BOARD, MCC, ETC. SHALL BE BOLTED TO THE CONCRETE HOUSEKEEPING PAD USING (6) 3/4"-10 GRADE 2 BOLTS AND CONICAL WASHERS TORQUED TO 70LB-FT. PROVIDE MINIMUM 4000 PSI STRENGTH CONCRETE BELOW ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. TIE THE TOP OF ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT TO THE BUILDING STRUCTURE IN A SEISMICALLY APPROVED	7. CONTRACTOR SHALL PF BATTERY BACK-UP FOR ALARM WITH DUAL RAT
	architects	MANNER. 8. <u>ELECTRICAL CERTIFICATION</u> "ELECTRICIANS" PERFORMING WORK ON THIS PROJECT SHALL BE CURRENTLY CERTIFIED IN ACCORDANCE WITH THE	8. CONTRACTOR SHALL PF FIRE PREVENTION BUR 9. CONTRACTOR SHALL PF AND A REMOTE PANEL
	saki@rmtarchitects	STATE OF CALIFORNIA AB931 AND THE DIVISION OF APPRENTISHIP STANDARDS SECTION 3099. C. <u>DEMOLITION</u> 1. NOTIFY THE OWNER IMMEDIATELY WHEREVER EXISTING EQUIPMENT IS ENCOUNTERED WHICH MUST BE RELOCATED DUE TO THE NEW CONSTRUCTION, AND WHICH IS NOT INDICATED ON THE PLANS.	10. ANNUNCIATOR PANEL S WITH AUDIBLE ALARM 11. CONTRACTOR SHALL PF
	Project	 ALL REMOVED MATERIALS AND EQUIPMENT WHICH ARE SALVAGEABLE SHALL REMAIN THE PROPERTY OF THE OWNER. DELIVER SUCH SALVAGED MATERIALS AND EQUIPMENT ON THE PREMISES AS DIRECTED BY OWNER, AND NEATLY PILE OR STORE THEM AND PROTECT FROM DAMAGE. REMOVE FROM PREMISES AND DISPOSE OF ALL MATERIALS CONSIDERED 	CONNECTIONS REQUIRE
	Duijo	BY THE OWNER TO BE SCRAP. 3. ALL DEVICES, CIRCUITS CONDUCTORS, FEEDERS ETC., WHEN NOTED TO BE REMOVED, SHALL BE REMOVED TO THE LAST ACTIVE DEVICE. ALL OVER-CURRENT PROTECTION AND DISCONNECT DEVICES NO LONGER UTILIZED BUT	COLOR (PROVIDE CONDU
	Vatilija Ro	REMAINING AS LAST ACTIVE DEVICE SHALL BE LABELED AS 'SPARE'. COORDINATE ALL OUTAGES WITH OWNERS REPRESENTATIVE. 4. DISCONNECT AND MAKE SAFE ALL ELECTRICAL SYSTEMS ON SITE AND IN WALL, FLOORS, AND CEILINGS SCHEDULED	120/208V/ AND WHITI 277/480V/
	ments/Matilija	FOR REMOVAL. 5. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.	AND WHIT
	aki/Docun	 REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY AND RE-LABEL DEVICES AS SPARES. REMOVE ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT 	n an thairte an thairt
22.5 8 8 8 8 8 8	B	FLUSH WITH WALLS AND FLOOR, AND PATCH SURFACES. 8. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES, REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM	
Keener Poper Sizer 12,9 v26.KLLNSheets.17426E100.dwg c210pm EFS v426.ARNArefs.VETMAP.dwg v426.ARNArefs.VETMAP.dwg	C:\Users\im	IS ABANDONED AND REMOVE. PROVIDE BLANK COVER FOR ABANDONED OUTLETS WHICH ARE NOT REMOVED.	

Drafter: Lee Keener: G:\17\426\EL\Sheets\17426E100.dwg: DATE: SEP 04, 2018 TIME: 4:26 PM

TES	antona da manga na sana sa kana da manga kana kana da manga kana kana da manga kana kana da manga kana kana da Manga kana kana kana kana kana kana kana	SYMBOLS
DISCONNECT AND REMOVE ABANDONED LUMINAIRES. REMOVE BRACKETS, STEMS, HANGERS, AND OTHER ACCESSORIES.	c ⊕1	RELAY CONTROLLED RECEPTACLE AT 18" AFF, PROVIDE WITHIN 6'-0" OF NON CONTROLLED RECEPTACLE. PROVIDE COVER PLATE WITH ENGRAVED "CONTROLLED"
REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK	e	WP GFCI RECEPTACLE AT 18" AFF
MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.	₩	GFCI RECEPTACLE AT 42" AFF SINGLE RECEPTACLE, WALL MOUNTED @ +18"AFF, NEMA 5-20R U
BEGINNING OF DEMOLITION MEANS CONTRACTOR ACCEPTS EXISTING CONDITIONS.	I. G. 🖨	DUPLEX RECEPTACLE, WALL MOUNTED @ +18" AFF, NEMA 5-20R U ISOLATED (ORANGE) GROUND DUPLEX RECEPTACLE, WALL MTD. @18" AFF, NEMA 5
CAREFULLY PROTECT ALL WALLS, TRIM, FLOORS, EQUIPMENT UTILITY LINES AND MATERIALS. WHEN WORKING ON FINISHED SURFACES, LIMIT DAMAGE TO THE CONFINES AS MUCH AS POSSIBLE AND RESTORE TO THE	₩	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, WALL MOUNTED @ +1 DUPLEX RECEPTACLE, WALL MOUNTED @ +18" NEMA 5-20R U. 0. N
ORIGINAL CONDITION ALL SURFACES WHICH ARE DAMAGED BECAUSE OF THE INSTALLATION OF THIS WORK. EQUIPMENT, MATERIALS AND SUPPLIES REMOVED FOR PROTECTION SHALL BE REPLACED IN ORIGINAL	\odot	TOP RECEPTACLE SWITCHED DUPLEX RECEPTACLE, FLOOR MOUNTED, NEMA 5-20R
LOCATIONS. ANY MATERIALS DAMAGED SHALL BE REPLACED WITH NEW MATERIALS OF LIKE KIND AND QUALITY.	⊕ ₂⊠	CEILING MOUNTED DUPLEX RECEPTACLE, 5-20R (2) DATA OUTLETS, 2 GANG 4SD BOX WITH DEVICES AND 2 CAT 6 CABLES PER N
DO ALL DRILLING, CUTTING, CHANNELING AND PATCHING REQUIRED TO INSTALL ELECTRICAL WORK AS INDICATED OR HEREIN SPECIFIED. ALL HOLES, CURBS, ETC., IN FLOORS, CEILINGS AND WALLS SHALL BE PATCHED, UNLESS INDICATED OTHERWISE. PAINT ALL NEW ELECTRICAL RACEWAYS, CABINETS, ENCLOSURES	4 2 1	SPECIFICATION. PROVIDE 1-1/4"C MINIMUM TO CABLE TRAY OR IDF. (4)DATA OUTLETS, 2 GANG 4SD BOX WITH DEVICES AND 4 CAT 6 CABLES PER N SPECIFICATION. PROVIDE 1-1/4"C MINIMUM TO CABLE TRAY OR IDF.
AND FITTINGS PENETRATING INTO FIRE RATED ENVELOPES, SPACES, ETC. ALL CONDUIT RUNS SHALL BE CONCEALED, UNLESS SHOWN OTHERWISE. PROVIDE A PULL WIRE IN ALL EMPTY		SPECIAL OUTLET, TYPE AS REQUIRED BY EQUIPMENT. JUNCTION BOX (CEILING MTD.) SIZE PER TABLE AND NEC ARTICLE
CONDUITS. EXISTING CONDITION SHOWN IS FROM AVAILABLE RECORD DRAWINGS AND VISUAL FIELD SURVEY AND SHOWN	Ŭ	JUNCTION BOX (WALL MTD.) SIZE PER TABLE AND NEC ARTICLE 37 THERMOSTAT - 36" TO 48" AFF, BOTTOM & TOP OF BOX RESPECTIV
FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY ACTUAL EXISTING CONDITION AT SITE. ALL WORK SHOWN IS NEW UNLESS SPECIALLY INDICATED AS EXISTING (X). ALL ELECTRICAL		BRANCH CIRCUIT PANELBOARD - 120/208VAC, 30, 4W.
EQUIPMENT MOUNTING AND ANCHORAGE MUST CONFORM WITH LOCAL AND STATE SEISMIC CODES. EPHONE SYSTEMS		4'X8'X3/4" TELEPHONE BACKBOARD, MARINE PLYWOOD AND PAINTED FIRE RESISTANT PAINT, PER OWNERS REPRESENTATIVE. CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS,
IDE RACEWAYS, AND ALL MATERIAL INCLUDING PULLING CABLE IN EACH RACEWAY AS REQUIRED FOR THE PHONE SYSTEM PER THE TELEPHONE REQUIREMENTS. CAT 6 CABLES SHALL BE TESTED & MEET CURRENT BICSI STANDARDS, A TEST REPORT SIGNED BY A RCCD		CONDUIT RUN CONCEALED BELOW FLOOR OR UNDERGROUND EMERGENCY CIRCUIT
L BE PROVIDED WITH THE DOCUMENTATION. UNDING & BONDING DOLLARD MODING CONTRACTOR AND COMPANY OF CONTRACT AND DESCRIPTION OF CONTRACT OF CONTRACT.	~~	FLEXIBLE CONDUIT (WITH GROUND CONDUCTOR, PROVIDE LIQUID TI CONDUIT IN ALL EXPOSED AREAS)
ISH AND INSTALL COMPLETE BONDING AND GROUNDING SYSTEM AS REQUIRED BY CODES. CONTINUITY OF NDING SHALL BE MAINTAINED MECHANICALLY AND ELECTRICALLY THROUGHOUT THE SYSTEM. A GREEN NDING CODE SIZED CONDUCTOR SHALL BE CARRIED LL CONDUITS.	—T—	LOW VOLTAGE CABLE & CONDUIT 3/4"C-1#CAT6 U.O.N. - HASH MARKS INDICATE QUANTITY OF #12 CONDUCTORS.
TALLATION IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS THAT A COMPLETE AND WORKABLE ELECTRICAL	#10	NO HASH MARKS INDICATE (2)#12AWG. (PROVIDE GROUND CONDUCTOR IN ALL CONDUITS.) - WHERE NO NUMBER IS INDICATED. THE CONDUCTORS
INSTALLATION BE PROVIDED FOR ALL THE EQUIPMENT DESCRIBED OR SHOWN AS BEING IN THIS CONTRACT. TOWARD THIS END FURNISH ALL LABOR AND TOOLS NECESSARY AND FURNISH AND INSTALL ALL APPARATUS, MATERIALS AND EQUIPMENT IN A FASHION COMPLYING WITH ALL APPLICABLE CODES, INCLUDING ITEMS		ARE #12AWG(MIN.) CONDUIT SIZE IS AS REQUIRED BY ELECTRICAL CODE. (3/4" CONDUIT MINIMUM).
REQUIRED BUT NOT NORMALLY SHOWN, SUCH AS LAMPS, COUPLINGS, HANGERS, BRACKETS, CLAMPS, BOXES, CONNECTORS AND HARDWARE. REFER ALSO TO WRITTEN SPECIFICATIONS FOR GENERAL, MECHANICAL AND ELECTRICAL SECTIONS.		INDICATES A HOMERUN TO PNL 2LA, CKTS 1-3-5 WITH SHARED NEUTRAL & CKT 7 WITH DEDICATED NEUTRAL. -3-5,7
PROCURE ALL PERMITS FROM LEGALLY CONSTITUTED AUTHORITIES, ARRANGE FOR ALL INSPECTIONS AND PAY ALL COSTS FOR FEES AND TESTS IN CONNECTION THEREWITH. COMPLY WITH CODES: NOTHING IN THESE		3/4"C-2#12 & 1#12 GND 3/4"C-3#12 & 1#12 GND
PLANS AUTHORIZES DEVIATION FROM APPLICABLE CODES. DETERMINE EXACT ROUTING OF CONCEALED FEEDERS AND BRANCH HOMERUNS IN COOPERATION WITH OTHER		3/4"C-4#12 & 1#12 GND 3/4"C-5#12 & 1#12 GND
TRADES TO SIMPLIFY INSTALLATION WHEREVER POSSIBLE BUT SUBJECT TO APPROVAL OF ARCHITECT FOR VISUAL AND STRUCTURAL REASONS.	,#10	3/4" C-2#10 & 1#10 GND > 1" CONDUIT MINIMUM IF UNDERGROUND (CONTRACTOR TO PROVIDE DEDICATED NEUTR
PROVIDE A CODE APPROVED DISCONNECT SWITCH OR BREAKER WITHIN SIGHT OF EVERY MOTOR AND FEED MOTORS NOT EQUIPPED WITH "BUILT IN" PROTECTION THROUGH A MAGNETIC OR MANUAL STARTER WITH OVERLOAD HEATERS SIZED TO COMPLY WITH MOTOR MANUFACTURER'S RECOMMENDATIONS AND APPLICABLE		3/4" C-3#10 & 1#10 GND 3/4" C-4#10 & 1#10 GND FOR CIRCUITS WHICH DO NOT HAVE COMMON CIRCUIT HANDLE TIES ON BREAKERS FEEDIN THE CIRCUITS)
CODES. FOR CONNECTIONS TO EXHAUST FANS, PUMPS, COMPRESSORS, SPACE HEATERS, WATER HEATERS, AQUASTATS,	<u>#10</u>	3/4"C-5#10 & 1#10 GND SEE KEY NOTE #1 AS INDICATED ON DRAWING
SOLENOID VALVES AND OTHER MECHANICAL EQUIPMENT AND FOR CONDUITS AND WIRE REQUIRED BUT NOT NECESSARILY SHOWN ON THESE DRAWINGS REFER TO MECHANICAL PLANS AND DETERMINE EXACT LOCATIONS UNDER DIRECTION OF HEATING AND VENTILATING CONTRACTOR.	\$ ₆	SWITCH WITH PILOT LIGHT @ 42"AFF
DO NOT RUN ANY CONDUIT IN SLAB IF ITS OUTSIDE DIAMETER EXCEEDS 1/3 THE THICKNESS OF THE SLAB. LOCATE CONDUITS WITHIN THE MIDDLE OF THE SLAB. WHERE CONDUITS ARE GROUPED IN PARALLEL RUNS,	\$ ['] 3ab \$	3-WAY SWITCH, a & b INDICATES LIGHT FIXTURE TO BE SWITCHED 3-WAY) MOUNTED @ 42" AFF SWITCH MOUNTED @ +42" AFF
SPACE THEM 3" OR MORE APART. WHERE CONDUITS CROSS EACH OTHER, THICKEN SLAB PROPORTIONATELY OVER A HORIZONTAL AREA EQUAL TO TEN TIMES THE DIAMETER OF THE LARGEST CONDUIT. REFER ALSO TO DETAILS SHOWN.	\$ _M	MOTOR RATED SWITCH
SIZE OUTLET BOXES IN CONFORMITY WITH CODE FOR NUMBER AND GAUGE OF CONDUCTORS THEREIN, EXCEPT WHERE NOTED TO BE LARGER. MINIMUM BOX SIZE SHALL BE 4" SQUARE BY 1-1/2" DEEP.		- \$a, b, c, d CIRCUIT SWITCH LEGS WALL SWITCHES
ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. ALL CONDUIT SHALL BE CONCEALED WHERE POSSIBLE. EXPOSED	r	DISCONNECT SWITCH, 60AMP SWITCH, 35 AMP FUSE, 3 POLE W/ OV PROTECTION U. O. N.
CONDUIT SHALL BE IN STRAIGHT LINES PARALLEL WITH, OR AT RIGHT ANGLES TO, COLUMN LINES OR BEAMS AND SEPARATED BY AT LEAST THREE (3) INCHES FROM WATER LINES WHENEVER THEY RUN LONG SIDE OR ACROSS SUCH LINES. CONDUIT SHALL NOT BE RUN BELOW CABLE TRAYS OR LIGHT FIXTURES WITHOUT SPECIFIC APPROVAL OF THE OWNERS REPRESENTATIVE. HANGERS SHALL BE FASTENED TO STEEL, CONCRETE	₩ , , , , ,	100A UTILITY METER (OR AS NOTED) FUSED DISCONNECT SWITCH
OR MASONRY, BUT NOT TO PIPING. HANGERS AND SUPPORT SYSTEMS ARE AN INTEGRAL PART OF THE VISUAL ENVIRONMENT. ALL HANGERS AND SUPPORTS EXPOSED TO PUBLIC VIEW MUST BE SHOWN IN DETAIL ON PLANS SUBMITTED TO ENGINEER FOR APPROVAL OF APPEARANCE. ALL HANGERS MUST BE UNIFORMLY SPACED AND	100AS 60AF	100AMP SWITCH RATING WITH 60 AMP FUSES, 3 POLE
NEATLY INSTALLED WITH NO EXCESS MATERIAL BEYOND WHAT IS REQUIRED FOR THE SUPPORT FUNCTION. CONTRACTOR SHALL SELECT ACCESSORIES AND HARDWARE WITH A SMOOTH, NEAT FINISHED APPEARANCE AND PAINT ALL EXPOSED CONDUIT HANGERS TO MATCH THE ADJACENT FINISHES.) 150AT I 3P HO)CAM⊡⊲	200 AMP FRAME, 150 AMP TRIP RATING, 3 POLE CCTV-VERIFY MOUNTING LOCATION
ALL RECEPTACLES SHALL BE MOUNTED BETWEEN 18" AND 48" PER ADA REQUIREMENTS UNLESS NOTED OTHERWISE, MEASURED FROM BOTTOM & TOP OF BOX RESPECTIVELY.		AND REQUIREMENTS WITH CLIENT/OWNER.
CONTRACTOR SHALL EXAMINE PLANS AND VERIFY IN FIELD LOCATIONS OF ALL FIRE RATED WALLS, CEILINGS AND FLOORS. CONTRACTOR SHALL SEAL ALL ELECTRICAL SYSTEM PENETRATIONS THROUGH FIRE		ADDITIONAL NOTES
RATED WALLS, CEILINGS AND FLOORS WITH U.L. LISTED MATERIAL APPROVED BY THE AUTHORITY HAVING JURISDICTION.	1. PROVIDE REQUIREN	SWITCH AND RECEPTACLE HEIGHTS PER STATE OF CALIFORNIA ACCESSIBILIENTS.
ALL SWITCHES SHALL BE MOUNTED 36" TO 48" MEASURED FROM BOTTOM & TOP OF BOX RESPECTIVELY. PANEL CIRCUIT DIRECTORY SHALL COMPLY WITH CEC 408.4.	THE CORF	JANCE OF A PERMIT SHALL NOT PREVENT THE BUILDING OFFICIAL FROM I RECTION OF ERRORS ON THESE PLANS OR FROM PREVENTING ANY VIOLATIO DOPTED BY THE CITY, RELEVANT LAWS, ORDINANCES, RULES AND/OR REG
E ALARM SYSTEM CONTRACTOR SHALL PROVIDE AND INSTALL A FIRE ALARM SYSTEM FOR THE PROJECT AREA TO INCLUDE:	3. FOR FIRE NRTL CL/	E RATED WALL/CEILING PENETRATION AND/OR MEMBRANE PENETRATION, C ASSIFICATION SHEETS SHALL BE PROVIDED TO THE INSPECTOR AT THE T
A) SMOKE & CO DETECTORS IN ALL REQUIRED AREAS B) HEAT DETECTORS IN ALL REQUIRED AREAS		TIWIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL
C) DUCT DETECTORS IN ALL REQUIRED SPACES D) STROBES/SPEAKERS IN ALL REQUIRED AREAS E) PULL STATIONS AT ALL LEGAL FIRE EXITS	BRANCH (NEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE PANELBOARD CIRCUIT ORIGINATES. (210.4)
F) TAMPER AND FLOW SWITCHES G) SPEAKERS AS REQUIRED	WITH A N	RE BRANCH CIRCUITS SUPPLYING POWER TO THE PARTITION SHALL BE PR MEAN TO DISCONNECT SIMULTANEOUSLY ALL UNGROUNDED CONDUCTORS AT ARD WHERE THE BRANCH CIRCUIT ORIGINATES. (605.7)
CONTRACTOR SHALL SUBMIT FOR THE OWNERS SIGNED APPROVAL, APPROVED FIRE DEPARTMENT FIRE ALARM DRAWINGS FOR THE PROJECT SPACE. CONTRACTOR SHALL BE BUILDING STANDARD.		OVERCURRENT DEVICES INSTALLED IN EXISTING PANELS/SWITCHBOARDS = HE MAKE, MODEL AND INTERRUPTING CAPACITY OF THE EXISTING OVERCU
ALL DEVICES AND EQUIPMENT SHALL BE CALIFORNIA STATE FIRE MARSHALL APPROVED AND CURRENTLY LISTED.	7. RACEWAY	SEALS. CONDUITS OR RACEWAYS THROUGH WHICH MOISTURE MAY CONTACT HALL BE SEALED OR PLUGGED AT EITHER OR BOTH ENDS.
CONTRACTOR SHALL WARRANTY ALL DEVICES AND SYSTEMS FOR A PERIOD OF TWO YEARS.	8. PROVIDE	LOCAL DISCONNECTS FOR ALL HARDWIRED EQUIPMENT THAT IS NOT 'WITH SOURCE PANEL.
CONTRACTOR SHALL PROVIDE 6 (SIX) HARD COPY SETS OF FIRE ALARM MANUALS FOR ALL SYSTEMS AND DEVICES IN ADDITION TO 6 (SIX) HARD COPY SETS OF A SYSTEM OPERATIONAL MANUAL TAILORED FOR THE PROJECT SPACE.		E RACEWAYS CONTAINING MORE THAN 3 CURRENT CARRYING CONDUCTORS SI WITH [2016 CEC, 310.15(B)(2)(A)].
CONTRACTOR SHALL PROVIDE AN INDIVIDUALLY ADDRESSABLE TOTALLY SUPERVISED SYSTEM WITH BATTERY BACK-UP FOR 24 HOURS OF MONITORING INITIATING CIRCUITS PLUS 30 MINUTES OF ALARM WITH DUAL RATE BATTERY CHARGER.	LEGIBLY	NTIFICATION OF EVERY CIRCUIT OF A PANEL BOARD AND SWITCHBOARD SU IDENTIFIED AS TO ITS CLEAR, EVIDENT, AND SPECIFIC PURPOSE OR U NOLUDE SUFFICIENT DETAIL TO ALLOW EACH CIRCUIT TO BE DISTINGUIS
CONTRACTOR SHALL PROVIDE A SATISFACTORY SYSTEM TEST IN THE PRESENCE OF THE OWNER, FIRE PREVENTION BUREAU AND CONSULTING ENGINEER.		ERS. 2016 C. E. C 408. 4 - PROVIDE MORE DETAIL ON PANEL SCHEDULE C
CONTRACTOR SHALL PROVIDE A CENTRAL MASTER ANNUNCIATOR PANEL IN THE ELECTRICAL ROOM AND A REMOTE PANEL IN AN AREA PER OWNERS REPRESENTATIVE AND LOCAL FIRE MARSHAL.	AMPERE F	E RECEPTACLE INSTALLED ON AN INDIVIDUAL BRANCH CIRCUIT SHALL HA RATING OF NOT LESS THAN THAT OF THE BRANCH CIRCUIT. INDICATE TH CLE RATING. (210.21(B)(1))
ANNUNCIATOR PANEL SHALL BE NONGRAPHIC WITH NAMEPLATE AND LED FOR EACH DEVICE ADDRESS, WITH AUDIBLE ALARM AND KEYED SILENCE SWITCH.		RECEPTACLE OUTLETS WHEREVER CORD CONNECTED EQUIPMENT WILL BE U
CONTRACTOR SHALL PROVIDE ALL CONNECTION TO POWER PANELS, CONDUIT AND WIRE AND CONNECTIONS REQUIRED TO PROVIDE AN OPERATIONAL FIRE ALARM SYSTEM.	13. WHERE TH SUPPLIES	HE DISCONNECTS ARE NOT PROVIDED WITHIN SIGHT FROM THE EQUIPMENT S, THE, SWITCH OR CIRCUIT BREAKER MUST INCLUDE PROVISIONS FOR AD
	PROVISIO DESIGN (ND THESE PROVISIONS MUST REMAIN WITH THE EQUIPMENT. THESE LOCKI ONS HAVE TO BE PART OF THE EQUIPMENT, EITHER INHERENT TO THE EQ OR AS A ACCESSORY FEATURE THAT CAN BE INSTALLED ON THE EQUIPMEN (12), 422, 31(P), 424, 19, 440, 14, EXCEPTION NO. 1, 600, 6(A)(2)(3)
COLOR CODE FOR CONDUCTORS PROVIDE CONDUCTOR COLOR CODE AS FOLLOWS:	EXCEPTIO	1(B), 422.31(B), 424.19, 440.14 EXCEPTION NO. 1, 600.6(A)(2)(3) ON NO. 1, 620.53, 620.55] O NON-LOCKING STRAIGHT-BLADE RECEPTACLES IN 120- AND 250-VOLT
120/208VAC, 30, 4W: BLUE, BLACK, RED FOR PHASE CONDUCTORS AND WHITE FOR NEUTRAL, GREEN FOR GROUND.	CONFIGUE	NON-LOCKING STRAIGHT-BLADE RECEPTACLES IN 120- AND 250-VOLT RATION AT WET/DAMP LOCATION ARE REQUIRED TO BE LISTED WEATHER-R CEC 406.8(A)].
277/480VAC, 3Ø, 4W: ORANGE, BROWN, YELLOW FOR PHASE CONDUCTORS AND WHITE FOR NEUTRAL, GREEN FOR GROUND.		

BOLS		
18" AFF, PROVIDE WITHIN 6'-0" OF NON COVER PLATE WITH ENGRAVED "CONTROLLED".	SHEET	DESC
AFF	E100	GENERAL NOTES,
FF MOUNTED @ +18"AFF, NEMA 5-20R U.O.N.	E101 E102	TITLE 24 PAGE 1 TITLE 24 PAGE 2
MOUNTED @ +18" AFF, NEMA 5-20R U. O. N.	E110 E111	FIRST FLOOR POW
X RECEPTACLE, WALL MTD. @18"AFF, NEMA 5-20R U. O. N. NEMA 5-20R, WALL MOUNTED @ +18"AFF	E112	ROOF DEMOLITION
MOUNTED @ +18" NEMA 5-20R U. O. N.	E200 E300	EXISTING SINGLE
MOUNTED, NEMA 5-20R	E300B	nLIGHT ROOM LA
CEPTACLE, 5-20R	E300C	nLIGHT CUT SHEE
K WITH DEVICES AND 2 CAT 6 CABLES PER NOTES & MINIMUM TO CABLE TRAY OR IDF. K WITH DEVICES AND 4 CAT 6 CABLES PER NOTES & MINIMUM TO CABLE TRAY OR IDF. EQUIRED BY EQUIPMENT.		
) SIZE PER TABLE AND NEC ARTICLE 370		
SIZE PER TABLE AND NEC ARTICLE 370 F, BOTTOM & TOP OF BOX RESPECTIVELY		
- 120/208VAC, 30, 4W. BOARD, MARINE PLYWOOD AND PAINTED WITH		
OWNERS REPRESENTATIVE. /E CEILING OR IN WALLS, DW FLOOR OR UNDERGROUND		
DUND CONDUCTOR, PROVIDE LIQUID TIGHT		
IT 3/4" C-1#CAT6 U. O. N. ITY OF #12 CONDUCTORS.		
#12AWG. IN ALL CONDUITS.)		
TED, THE CONDUCTORS		IFORNIA BUILDING STA IA CODE OF REGULATIO
CONDUIT MINIMUM). 2 2LA, CKTS 1-3-5		IFORNIA BUILDING COD IA CODE OF REGULATIO
7 WITH DEDICATED NEUTRAL.		TERNATIONAL BUILDING
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		TIONAL ELECTRICAL CO IFORNIA ENERGY CODE
		IA CODE OF REGULATIO
1" CONDUIT MINIMUM IF UNDERGROUND (CONTRACTOR TO PROVIDE DEDICATED NEUTRALS FOR DEDUTTS WHICH DO NOT HAVE COMMON	CALIFORN	IA CODE OF REGULATIO
FOR CIRCUITS WHICH DO NOT HAVE COMMON CIRCUIT HANDLE TIES ON BREAKERS FEEDING THE CIRCUITS)	6. 2016 CAL	IFORNIA REFERENCED S IA CODE OF REGULATIO
TED ON DRAWING 42" AFF		
ATES LIGHT FIXTURE TO BE SWITCHED (EACH A	anan an	ABB
		ME/AMP FUSE
		BLE FAULT CURRENT FINISHED FLOOR
SWITCH, 35 AMP FUSE, 3 POLE W/ OVERCURRENT	AS AMP SWI AT AMP TRI	ITCH
SHITCH, SO AM TOSE, STOLE WY OVERCONNERT	BKBD BACKBO	
NOTED)	C CONDUIT CB CIRCUIT CONT. CONTINU	BREAKER
60 AMP FUSES, 3 POLE	CKT CIRCU CLG CEILI	IT
ER IP RATING, 3 POLE	CTV CABLE	IT ONLY TELEVISION
TION ENT/OWNER.	(CU) COPPE CW COLD DIS DISCO	WATER PIPE
	DS DISCO DWG DRAWI	NNECT SWITCH NG RICAL CONTRACTOR
AL NOTES	EM EMERGI EOR ENGIN	ENCY LIGHT/FEEDE EER OF RECORD
S PER STATE OF CALIFORNIA ACCESSIBLE	GC GENER	OW FLOOR BOX AL CONTRACTOR FAULT INTERRUPTED
REVENT THE BUILDING OFFICIAL FROM REQUIRING ANS OR FROM PREVENTING ANY VIOLATION OF THE	GND GROUN HP HORSE	D POWER
LAWS, ORDINANCES, RULES AND/OR REGULATIONS.	JB JUNCT	TED GROUND ION BOX VOLT AMPS=1000VA
ION AND/OR MEMBRANE PENETRATION, COMPLETE PROVIDED TO THE INSPECTOR AT THE TIME OF	LC LIGHT	ING CONTACTOR CONTINUOUS LOAD DLTAGE
BE PROVIDED WITH A MEANS THAT WILL NDED CONDUCTORS AT THE PANELBOARD WHERE THE		DERA
POWER TO THE PARTITION SHALL BE PROVIDED USLY ALL UNGROUNDED CONDUCTORS AT THE ORIGINATES. (605.7)		NEC #31
D IN EXISTING PANELS/SWITCHBOARDS SHALL NG CAPACITY OF THE EXISTING OVERCURRENT	WHERE THE N	THAN THREE CURREN NUMBER OF CURRENT- REE, THE ALLOWABLE
THROUGH WHICH MOISTURE MAY CONTACT LIVE	FOLLOWING T	
EITHER OR BOTH ENDS. RDWIRED EQUIPMENT THAT IS NOT "WITHIN SIGHT"	CURREN	MBER OF T-CARRYING IDUCTORS
AN 3 CURRENT CARRYING CONDUCTORS SHALL	4 TH	ROUGH 6 ROUGH 9
A)].	10 T 21 T	HROUGH 20 HROUGH 30
OF A PANEL BOARD AND SWITCHBOARD SHALL BE EVIDENT, AND SPECIFIC PURPOSE OR USE AND LLOW EACH CIRCUIT TO BE DISTINGUISHED FROM DE MORE DETAIL ON PANEL SCHEDULE CIRCUIT		HROUGH 40 ND ABOVE
INDIVIDUAL BRANCH CIRCUIT SHALL HAVE AN OF THE BRANCH CIRCUIT. INDICATE THE	LONGER THAN 2 INSTALLED IN	E CONDUCTORS OR MU 4 INCHES (610 mm) RACEWAYS, THE ALLC OWN IN THE ABOVE T
CORD CONNECTED EQUIPMENT WILL BE USED.	EXCEPTION N SECTION 300-3	O. 1: WHERE CONDUC , ARE INSTALLED IN
ED WITHIN SIGHT FROM THE EQUIPMENT IT	FACTORS SHOWN (ARTICLES 210	ABOVE SHALL APPLY , 215, 220, AND 23 10. 2: FOR CONDUCT(
KER MUST INCLUDE PROVISIONS FOR ADDING A IN WITH THE EQUIPMENT. THESE LOCKING	OF SECTION 31	8-11 SHALL APPLY.
UIPMENT, EITHER INHERENT TO THE EQUIPMENT T CAN BE INSTALLED ON THE EQUIPMENT. 14 EXCEPTION NO. 1, 600.6(A)(2)(3), 620.51(A)		0. 3: DERATING FAC TH NOT EXCEEDING 2
I = I = I = I = I = I = I = I = I = I =	ENTERING OR L	0. 4: DERATING FAC EAVING AN OUTDOOR
RECEPTACLES IN 120- AND 250-VOLT RE REQUIRED TO BE LISTED WEATHER-RESISTANT	PROTECTION IN OR RIGID NONM	THE FORM OF RIGID ETALLIC CONDUIT HA
	EXCEPTION N	ND THE NUMBER OF C
	AMPACITIES SH	ALL BE PERMITTED T
		APPENDIX B, TABLE CARRYING CONDUCTO
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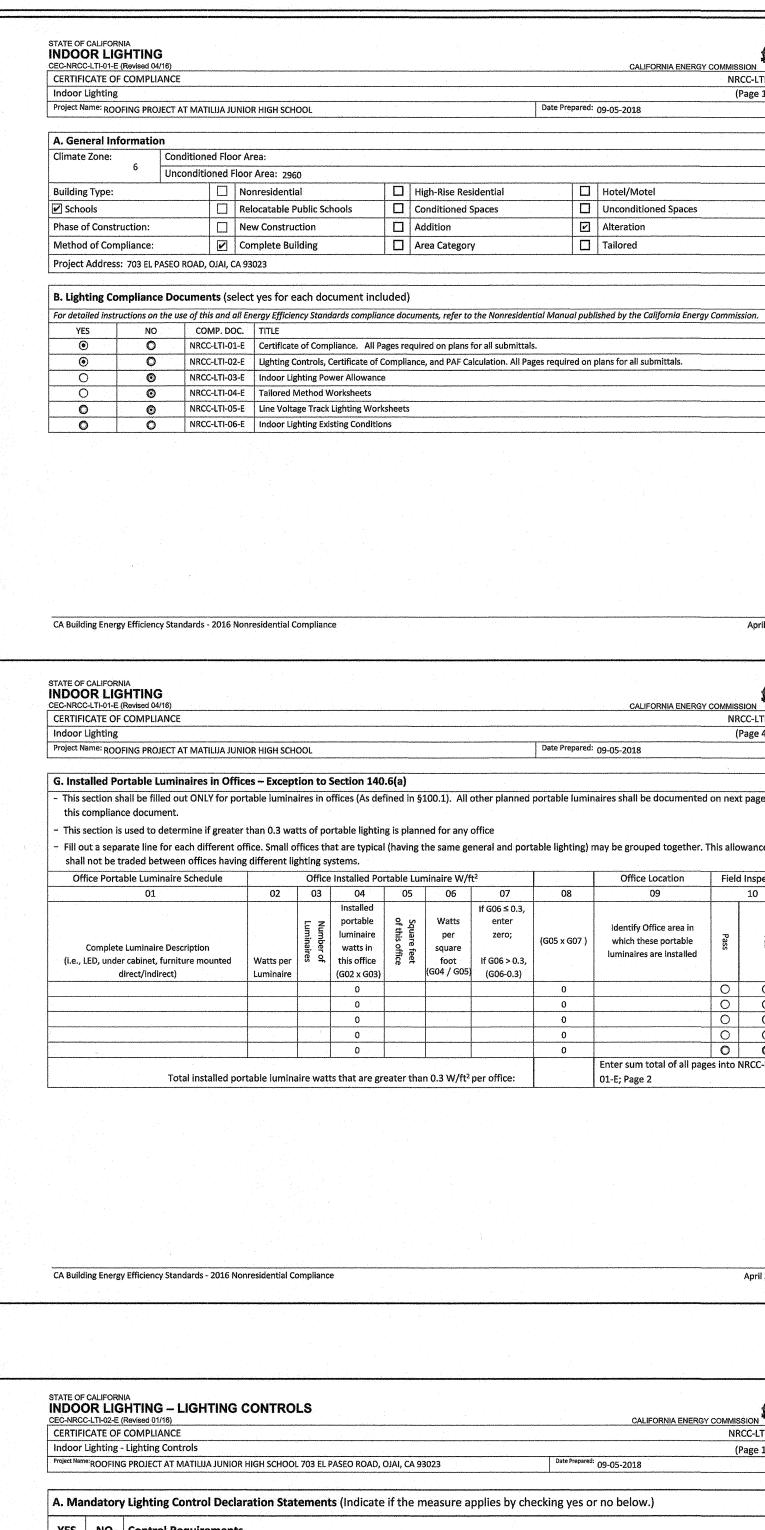
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CERTIFICA	ATE OF	COMPLIANCE	NRCC-LT
ndoor Lig	ghting	- Lighting Controls	(Page 1
roject Name: R	ROOFIN	IG PROJECT AT MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023	Date Prepared: 09-05-2018
A. Manc	dator	y Lighting Control Declaration Statements (Indicate if the measure a	oplies by checking yes or no below.)
YES	NO	Control Requirements	
•	0	Lighting shall be controlled by self-contained lighting control devices which are control control devices which are control to the section 110.9.	rtified to the Energy Commission according to the Title 20 Appliance
0	0	Lighting shall be controlled by a lighting control system or energy management co shall be submitted in accordance with Section 130.4(b).	ntrol system in accordance with §110.9. An Installation Certificate
0	۲	One or more Track Lighting Integral Current Limiters shall be installed which have §130.0. Additionally, an Installation Certificate shall be submitted in accordance w	
0	۲	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in Installation Certificate shall be installed in accordance with Section 130.4(b).	accordance with Section 110.9 and Section 130.0. Additionally, an
0	0	All lighting controls and equipment shall comply with the applicable requirement instructions in accordance with Section 130.1.	s in §110.9 and shall be installed in accordance with the manufacture
0	0	All luminaires shall be functionally controlled with manual ON and OFF lighting co	ntrols in accordance with Section 130.1(a).
0	0	General lighting shall be separately controlled from all other lighting systems in a and special effects lighting shall each be separately controlled on circuits that are ornamental, and special effects lighting shall each be separately controlled; in acc	20 amps or less. When track lighting is used, general, display,
0	0	The general lighting of any enclosed area 100 square feet or larger, with a connect multi-level lighting control requirements in accordance with Section 130.1(b).	ted lighting load that exceeds 0.5 watts per square foot shall meet the
0	0	All installed indoor lighting shall be equipped with controls that meet the applical	ble Shut-OFF control requirements in Section 130.1(c).
0	0	Lighting in all Daylit Zones shall be controlled in accordance with the requirement	s in Section 130.1(d) and daylit zones are shown on the plans.
0	۲	Lighting power in buildings larger than 10,000 square feet shall be capable of bein accordance with Section 130.1(e).	ng automatically reduced in response to a Demand Responsive Signal
0	0	Before an occupancy permit is granted for a newly constructed building or area, or normal use, indoor lighting controls serving the building, area, or site shall be cer accordance with Section 130.4.(a). The controls required to meet the Acceptance controls, and demand responsive controls.	tified as meeting the Acceptance Requirements for Code Compliance

NDOOR LIGHTING CALIFORNIA ENERGY COMMISSION YEC-NRCC-LTI-01-E (Revised 04/16) CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE NRCC-LTI-01-E Indoor Lighting (Page 2 of 6)	INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 04/16) P CERTIFICATE OF COMPLIANCE NRCC-LTI-01-E P Indoor Lighting (Page 3 of 6) P	
Indoor Lighting (Page 2 of 6) Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL Date Prepared: 09-05-2018	Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL Date Prepared: 09-05-2018 Q	
C. Summary of Allowed Lighting Power	E. Declaration of Required Certificates of Acceptance	
Indoor Lighting Power for Conditioned Spaces Indoor Lighting Power for Unconditioned Spaces Watts Watts	O NKCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	MANAN
Installed Lighting Installed Lighting 01 NRCC-LTI-01-E, Table H, page 5 Portable Only for Offices 02	NRCA-LTI-03-A - Must be submitted for automatic daylight controls. D Field Inspector	ng Nakam Architect
Minus Lighting Control Credits Minus Lighting Control Credits NRCC-LTI-02-E, page 2 NRCC-LTI-02-E, page 2	O 💿 NRCA-LTI-05-A - Must be submitted for institutional tuning power adjustment factor (PAF).	entura Ave #
O4 Adjusted Installed Lighting Power (row 1 plus row 2 minus row 3) = 1749 Adjusted Installed Lighting Power (row 1 minus row 3) = 0	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 VUNCONDITIONED SPACE	.5330
Complies ONLY if Installed ≤ Allowed (Box 04 < Box 05) Complies ONLY if Installed ≤ Allowed (Box 04 < Box 05) Allowed Lighting Power Allowed Lighting Power		Tarchitects.c
05 Conditioned NRCC-LTI-03-E, page 1 Unconditioned NRCC-LTI-03-E, page 1 05 Alterations with replacement luminaires that have at least 2030 50/35%lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2 S0/35% lower power compared to the original existing luminaires, may instead use the allowed wattage from NRCC-LTI-06, page 2	 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. 	SED AR
D. Declaration of Required Certificates of Installation		NO. C-344
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		REN. 1-31-
 NRCI-LTI-01-E - Must be submitted for all buildings NRCI-LTI-02-E - Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS), to be recognized for compliance. 		OF CAL
NRCI-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.	DIV. OF OFFICE OF	NTIFICATION S THE STATE A DF REGULATION
O NRCI-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. Image: Field Inspector O NPCI-LTI-05-E Must be submitted for a Power Adjustment Forter (PAE) to be recognized for compliance. Image: Field Inspector		FILE NO. 56-2 3-1184
Image: Second state of the submitted for a Power Adjustment Factor (PAF) to be recognized for compliance. Image: Field Inspector Image: Second state of the submitted for additional wattage installed in a video conferencing studio to be recognized for compliance. Image: Field Inspector Image: Second state of the submitted for additional wattage installed in a video conferencing studio to be recognized for compliance. Image: Field Inspector		
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016	CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016	
	STATE OF CALIFORNIA INDOOR LIGHTING CEN NECCU THALE (Provided MATCH) S251 CORT	NG ELECTRICA
CALIFORNIA ENERGY COMMISSION CERTIFICATE OF COMPLIANCE Indoor Lighting (Page 5 of 6)	CECHNICE-LITIOTI-E (Hower used used used used used used used used	LO, CA 9301 9—6520 FAX
Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL Date Prepared: 09-05-2018	Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL Date Prepared: 09-05-2018	http://www
A Separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: Image: Conditioned Space Image:	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT Image: Compliance documentation is accurate and complete. 1. I certify that this Certificate of Compliance documentation is accurate and complete. Image: Complexity of Co	PROFESSION AND AND AND AND AND AND AND AND AND AN
H. Indoor Lighting Schedule and Field Inspection Energy Checklist	Company: LUCCI & ASSOCIATES Signature Date: 09-05-2018 Address: 3251 CORTE MALPASO, SUITE 511 CEA Certification (if applicable):	The start
01 02 03 04 05 06 07 08 How wattage was		Exp. 09/30/2
ل معني معني معني معني معني معني معني معني	I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Certificate of Compliance is true and correct. 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	ECTRIC CF CAL
Image: Second product framework of the second product of the second pro	(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.	
F1 LED 1' X 4' 74 I I 19 1406 O O Image: F2 LED 2' X 2' 25 Image: F2 Image:	 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. 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 	OJA
F2 LED 2' X 2' 25 Image: F2 7 175 O O F3 LED 1' X 6' 42 Image: F2 4 168 O O	the stand of the stand to be included a stand of the stan	JNIFI
	Company: LUCCI & ASSOCIATES Date Signed: 09-05-2018	SCHO
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1749 Enter sum total of all pages into NRCC-LTI-01-E; Page 2		ROOFI
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CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance April 2016		
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STATE OF CALIFORNIA NDOOR LIGHTING LIGHTING CONTROLS DEC-NRCC-LTI-02-E (Revised 01/16) CERTIFICATE OF COMPLIANCE NRCC-LTI-02-E	STATE OF CALIFORNIA INDOOR LIGHTING – LIGHTING CONTROLS CEC-NRCC-LTI-02-E (Revised 01/16) CERTIFICATE OF COMPLIANCE NRCC-LTI-02-E	escription
CERTIFICATE OF COMPLIANCE NRCC-L11-02-E Indoor Lighting - Lighting Controls (Page 2 of 3) Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023	CERTIFICATE OF COMPLIANCE INRCC-LIFOZ-E Indoor Lighting - Lighting Controls (Page 3 of 3) Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023 Date Prepared: 09-05-2018	
A separate document must be filled out for Conditioned and Unconditioned Spaces. This page is used only for the following:		
CONDITIONED SPACES	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. I certify that this Certificate of Compliance documentation is accurate and complete. Documentation Author Name: KEN LUCCI	
B. Mandatory and Prescriptive Indoor Lighting Control Schedule, PAF Calculation, and Field Inspection Checklist	Company: LUCCI & ASSOCIATES Signature Date: 09-05-2018	
Standards Complying With ¹	3251 CORTE MALPASO, SUITE 511 Phone: City/State/Zip: CAMARILLO, CA., 93012	
Lighting Control Schedule O3 O4 O5 O6 O7 O8 O9 10 11 12 13 14 15	RESPONSIBLE PERSON'S DECLARATION STATEMENT I 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.	me
Type/ Description of Lighting Control (i.e.: occupancy sensor, # 92 Hu 93 Hu	 Lam 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). 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 Begulations. 	TITLE
Location in Buildingautomatic time switch, dimmer, automatic daylight,of 130 (a) 130 (b) 130 (c) 130 (a) 130 (a) 140 (a) 400 (a) 780 (a) 180 180 180 190 100 <	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	PAGE
etc) etc) <t< td=""><td> 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 building owner at occupancy. Responsible Designer Name: KEN LUCCI </td><td>FAGE</td></t<>	 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 building owner at occupancy. Responsible Designer Name: KEN LUCCI 	FAGE
	Company: LUCCI & ASSOCIATES Date Signed: 09-05-2018	
	Address: 3251 CORTE MALPASO, SUITE 511 City/State/Zip: CAMARILLO, CA., 93012 Phone: 805 389-6520	
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Image: control credit pages defined and area controls; \$130.0(b) = Multi Level; \$130.1(c) = Auto Shut-Off; \$130.1(d) = Mandatory Daylight; \$130.1(e) = Demand Responsive; \$140.6(d) =		/ I by
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INDOOR LIGHTING POWER ALLOWANCE											
CEC-NRCC-LTI-03-E (Revised 04/16) CERTIFICATE OF COMPLIANCE			CALIFORNIA E	NERGY C							
Certificate of Compliance - Indoor Lighting Power Allowance				*							
Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023											
A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for: Image: CONDITIONED spaces Image: UNCONDITIONED spaces											
A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES											
If using Complete Building Method for compliance, use only the total in column (a) as total allowed build using Area Category Method, Tailored Method, or a combination of Area Category and Tailored Method allowed building watts		e, use	only the total in col	umn (b)							
			(a)								
01 Complete Building Method Allowed Watts. Documented in section B of NRCC-LTI-03-E (below on this 02 Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LTI-03-E (below on this p			0								
03 Tailored Method Allowed Watts. Documented in section C-1 of NRCC-LTI-05-E (below off this p	age)										
TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LTI-01, Pag	2. Row 1		0								
Check here if building contains both conditioned and unconditioned areas.				L							
B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE											
01	02	T	03								
	WATTS	x	COMPLETE	_							
TYPE OF BUILDING (From §140.6 Table 140.6-B)	PER ft ²		BLDG. AREA								
	Total Are										
Total Watts. Enter Total V			L (Above on this pag	ze)							
				<u>, , , , , , , , , , , , , , , , , , , </u>							
C -1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES		*****	8								
		Total	from section C-2.								
			from section C-3.								
Total Watts. Enter Total Watts											
For Alterations Only – Reduced lighting power option (Total Allowed Watts x 0.85). En	ter this value into s	ection	A, row 2 if using th	s optior							
CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance											
STATE OF CALIFORNIA INDOOR LIGHTING POWER ALLOWANCE											
CEC-NRCC-LTI-03-E (Revised 04/16) CERTIFICATE OF COMPLIANCE		egytentet ter miletet en y	CALIFORNIA E	NERGY C							
Certificate of Compliance - Indoor Lighting Power Allowance		an mbaaraan an an ar									
Project Name: ROOFING PROJECT AT MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023	Date I	Prepared:	09-05-2018								

140.6-C Footnotes) 05 06 07 02 03² 04 ALLOWED WATTS Additional Wattage Sq Ft or Description(s) and Quantity of Special Primary Watts Allowance Total Design Smaller of (02 x 03) Luminaire Types in each Primary Function Area Function Linear ft ¹ Allowed Watts ³ 04 or 06 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 TOTALS – Enter into TOTAL AREA CATEGORY METHOD ADDITIONAL ALLOWANCES – Section C-1 1. Use linear feet only for additional allowance for white board or chalk board. All other additional Area Category allowances shall use watts per square foot. 2. Additional watts are available only when allowed according to the footnotes on bottom of Table 140.6-C, which include: Specialized task work; Ornamental lighting;

NRCC-LTI-03-E

(Page 1 of 4)

ALLOWED

WATTS

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April 2016

NRCC-LTI-03-E

(Page 3 of 4)

April 2016

Precision commercial and industrial work; Per linear foot of white board or chalk board; Accent, display and feature lighting; and Videoconferencing studio lighting. 3. Luminaire classification and wattage shall be determined in accordance with §130.0(c) of the Standards.

CA Building Energy Efficiency Standards - 2016 Nonresidential Compliance

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Certificate of Compliance - Indoor Lighting Power Allowance (Page 1 Tright Tami' ROOFING PAOLECT AT MATTULA JUNIOR HIGH SCHOOL 703 EL PAGE O ROAD, OLAL CA 33023 Prompared Page and the filled out for Conditioned and Unconditioned Spaces. This page is only for: C - AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE - Do not include 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. O1 AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE - Do not include portable lighting for offices shall be documented only in Section G of NRCC-LTI-01-E Separately list lighting for each primary function Area per Table 140.6-C UCATION PER R1 ² X AREA (Rt ²) = WATTS IST LEVEL OFFICE LOCation in Building Primary Function Area per Table 140.6-C IST LEVEL OFFICE IST LEVEL OFFICE IST DATE OFFICE O STORAGE O. C CALEGRENAME C C CALEGRENAME C CALEGRENAME C CALEGRENAME C CALEGRENAME C CALEGRENAME C C CALEGRENAME C CALEGRENAME C CALEGRENAME C CALEGRENAME C C CALEGRENAME C CALEGRENAME C CALEGRENAME C C C C C C C C C C C C C C C C C C C	EC-NRCC-LTI-03-E (Revised 04/16)	ANCE				CALIF ORNIA	ENERGY	COMMISSION NRCC-LTI-
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TECT. NAXAN Roesling Nakamura **Terada Architects** 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLI NO. C-34436 F CA' IDENTIFIC ATION DIV. OF THE STATE ARCHITEC FILE NO. 56-21 03-118467 FLS DEC 1 2 2018 اللا تحاليا المتحالية المعالية المعالية CONSULTING ELECTRICAL ENGINEERS 3251 CORTE MALPASO, #511 CAMARILLO, CA 93012-8094 (805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com OJAI UNIFIED SCHOOL DISTRICT ROOFING **PROJECT AT** MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023 No. Description Date Sheet Name TITLE 24 PAGE 2 17761.00 9/05/2018 Date Drawn by S.F. Checked by K. LUCCI Sheet Number E102

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

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

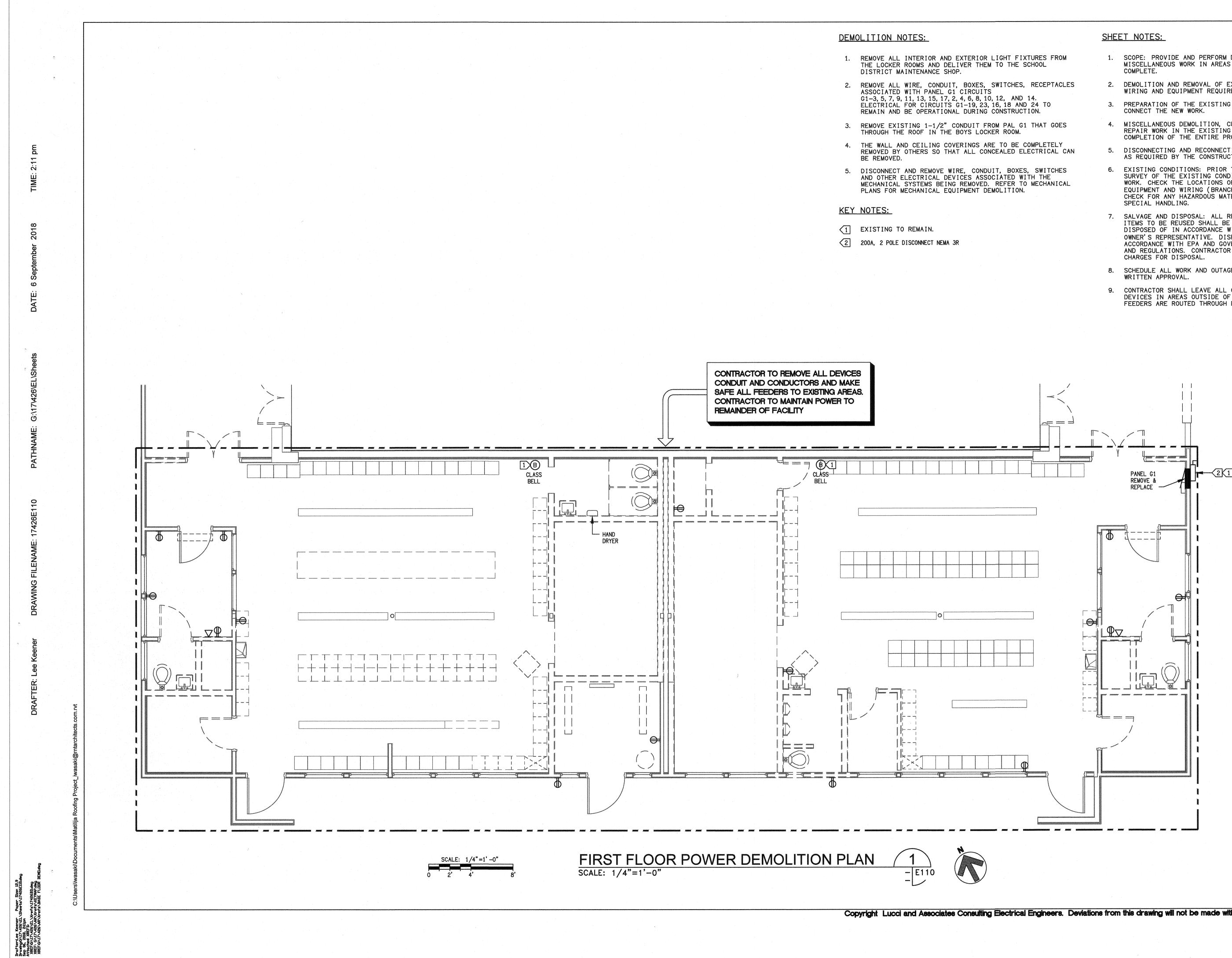
4. Track lighting supplementary overcurrent protection panel

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.

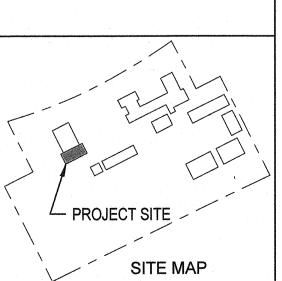
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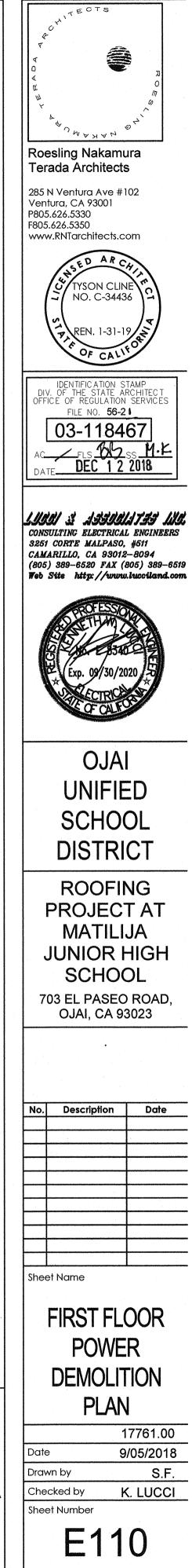


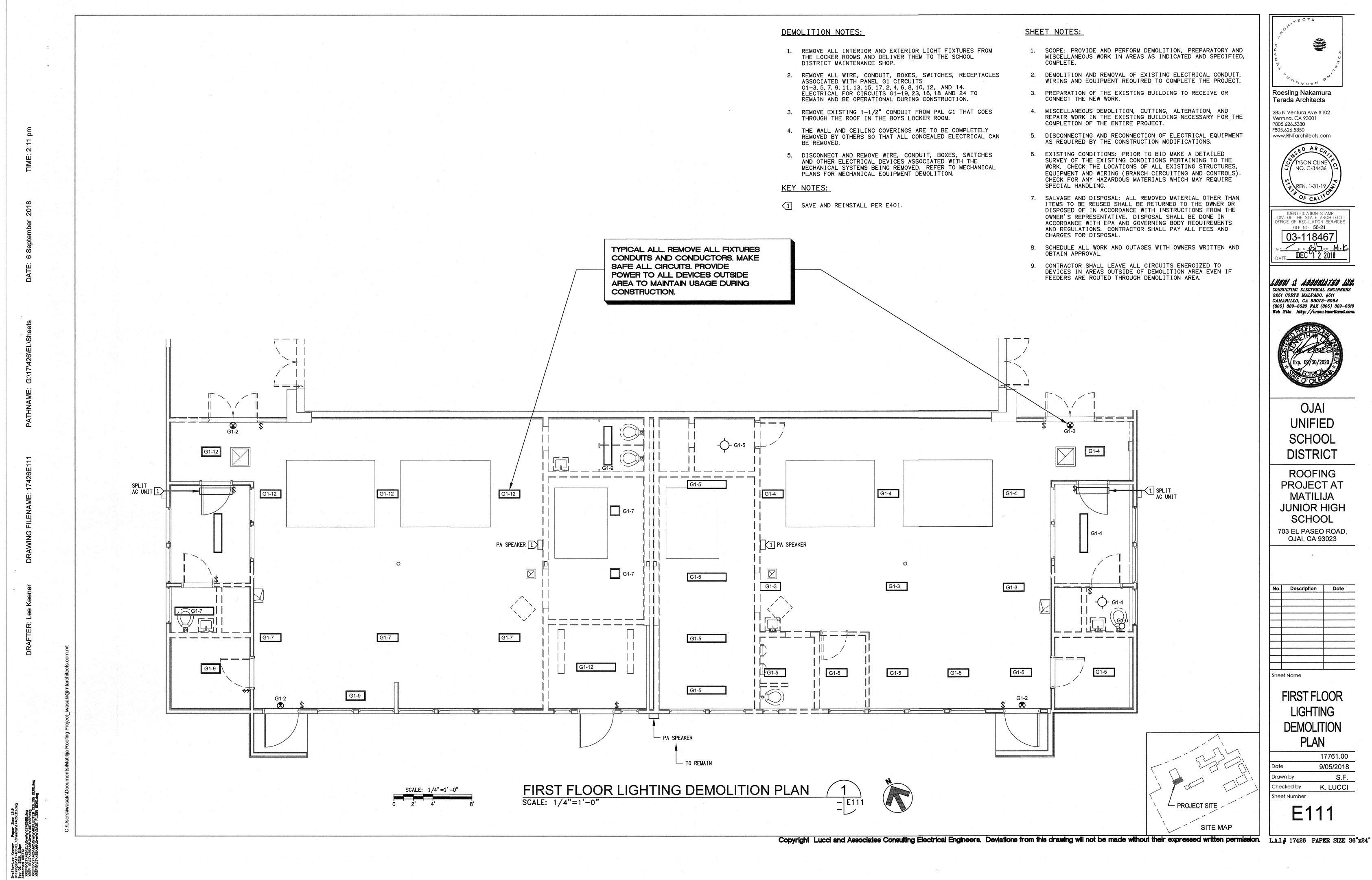
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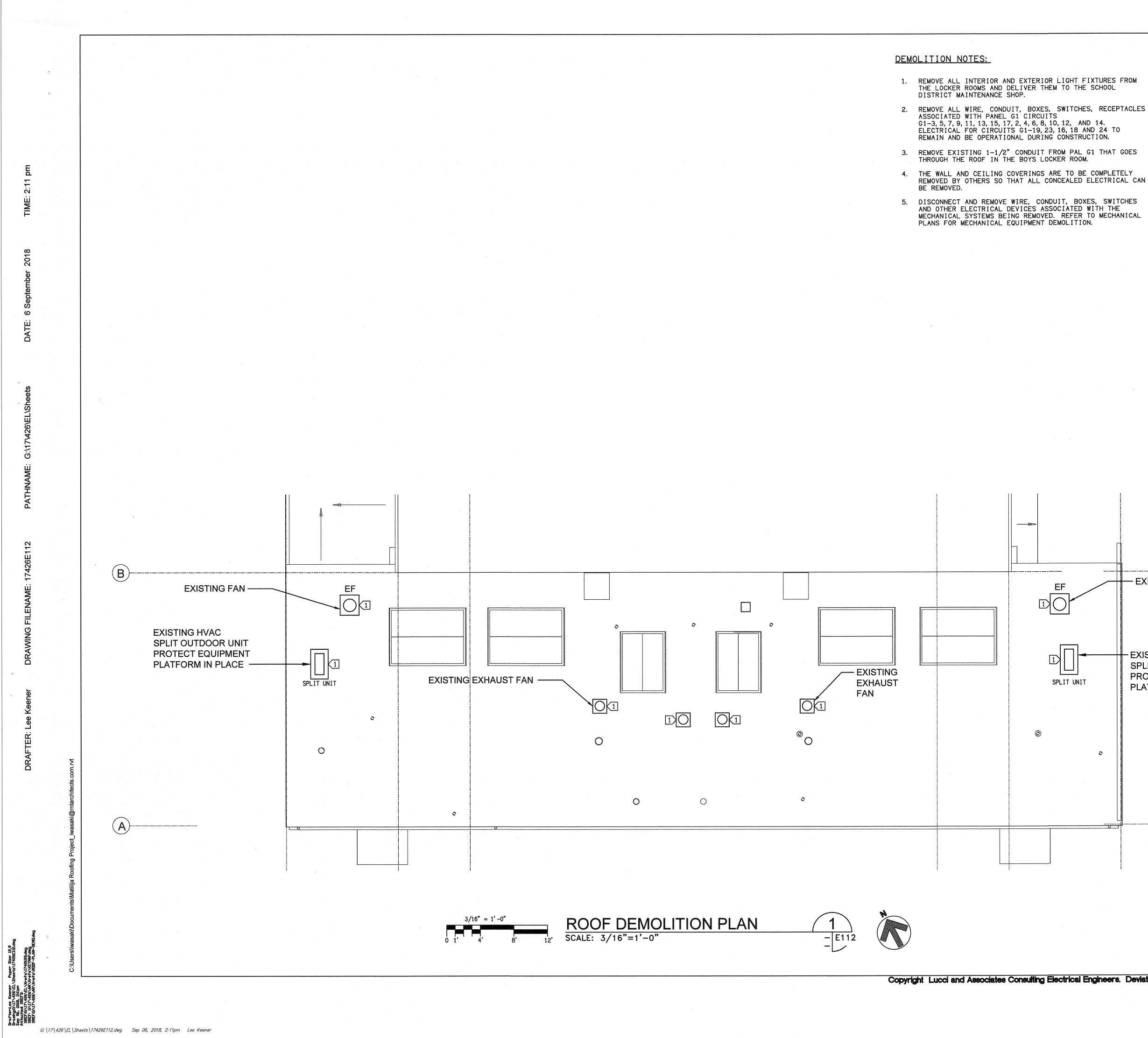
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- 1. SCOPE: PROVIDE AND PERFORM DEMOLITION, PREPARATORY AND MISCELLANEOUS WORK IN AREAS AS INDICATED AND SPECIFIED,
- DEMOLITION AND REMOVAL OF EXISTING ELECTRICAL CONDUIT, WIRING AND EQUIPMENT REQUIRED TO COMPLETE THE PROJECT.
- 3. PREPARATION OF THE EXISTING BUILDING TO RECEIVE OR
- 4. MISCELLANEOUS DEMOLITION, CUTTING, ALTERATION, AND REPAIR WORK IN THE EXISTING BUILDING NECESSARY FOR THE COMPLETION OF THE ENTIRE PROJECT.
- 5. DISCONNECTING AND RECONNECTION OF ELECTRICAL EQUIPMENT AS REQUIRED BY THE CONSTRUCTION MODIFICATIONS.
- 6. 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
- 7. 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
- SCHEDULE ALL WORK AND OUTAGES WITH TENANTS AND OWNERS
- 9. CONTRACTOR SHALL LEAVE ALL CIRCUITS ENERGIZED TO DEVICES IN AREAS OUTSIDE OF DEMOLITION AREA EVEN IF FEEDERS ARE ROUTED THROUGH DEMOLITION AREA.









- THE LOCKER ROOMS AND DELIVER THEM TO THE SCHOOL
- G1-3, 5, 7, 9, 11, 13, 15, 17, 2, 4, 6, 8, 10, 12, AND 14. ELECTRICAL FOR CIRCUITS G1-19, 23, 16, 18 AND 24 TO REMAIN AND BE OPERATIONAL DURING CONSTRUCTION.
- THROUGH THE ROOF IN THE BOYS LOCKER ROOM.
- 4. THE WALL AND CEILING COVERINGS ARE TO BE COMPLETELY REMOVED BY OTHERS SO THAT ALL CONCEALED ELECTRICAL CAN
- 5. DISCONNECT AND REMOVE WIRE, CONDUIT, BOXES, SWITCHES AND OTHER ELECTRICAL DEVICES ASSOCIATED WITH THE MECHANICAL SYSTEMS BEING REMOVED. REFER TO MECHANICAL PLANS FOR MECHANICAL EQUIPMENT DEMOLITION.

SHEET NOTES:

1. SCOPE: PROVIDE AND PERFORM DEMOLITION, PREPARATORY AND MISCELLANEOUS WORK IN AREAS AS INDICATED AND SPECIFIED, COMPLETE. 2. DEMOLITION AND REMOVAL OF EXISTING ELECTRICAL CONDUIT,

WIRING AND EQUIPMENT REQUIRED TO COMPLETE THE PROJECT. 3. PREPARATION OF THE EXISTING BUILDING TO RECEIVE OR CONNECT THE NEW WORK.

4. MISCELLANEOUS DEMOLITION, CUTTING, ALTERATION, AND REPAIR WORK IN THE EXISTING BUILDING NECESSARY FOR THE COMPLETION OF THE ENTIRE PROJECT.

5. DISCONNECTING AND RECONNECTION OF ELECTRICAL EQUIPMENT AS REQUIRED BY THE CONSTRUCTION MODIFICATIONS.

6. 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.

7. 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.

8. SCHEDULE ALL WORK AND OUTAGES WITH OWNERS & OBTAIN WRITTEN APPROVAL.

9. CONTRACTOR SHALL LEAVE ALL CIRCUITS ENERGIZED TO DEVICES IN AREAS OUTSIDE OF DEMOLITION AREA EVEN IF FEEDERS ARE ROUTED THROUGH DEMOLITION AREA.

KEY NOTES:

 $\langle 1 \rangle$

DISCONNECT EXISTING EQUIPMENT ELECTRICALLY FOR REROOFING PROJECT. SALVAGE ALL MATERIALS & RECONNECT EXISTING EQUIPMENT TO EXISTING UNITS. VERIFY ROTATION PRIOR TO RE-ENERGIZING UNITS.

- EXISTING FAN

- EXISTING HVAC SPLIT OUTDOOR UNIT PROTECT EQUIPMENT PLATFORM IN PLACE

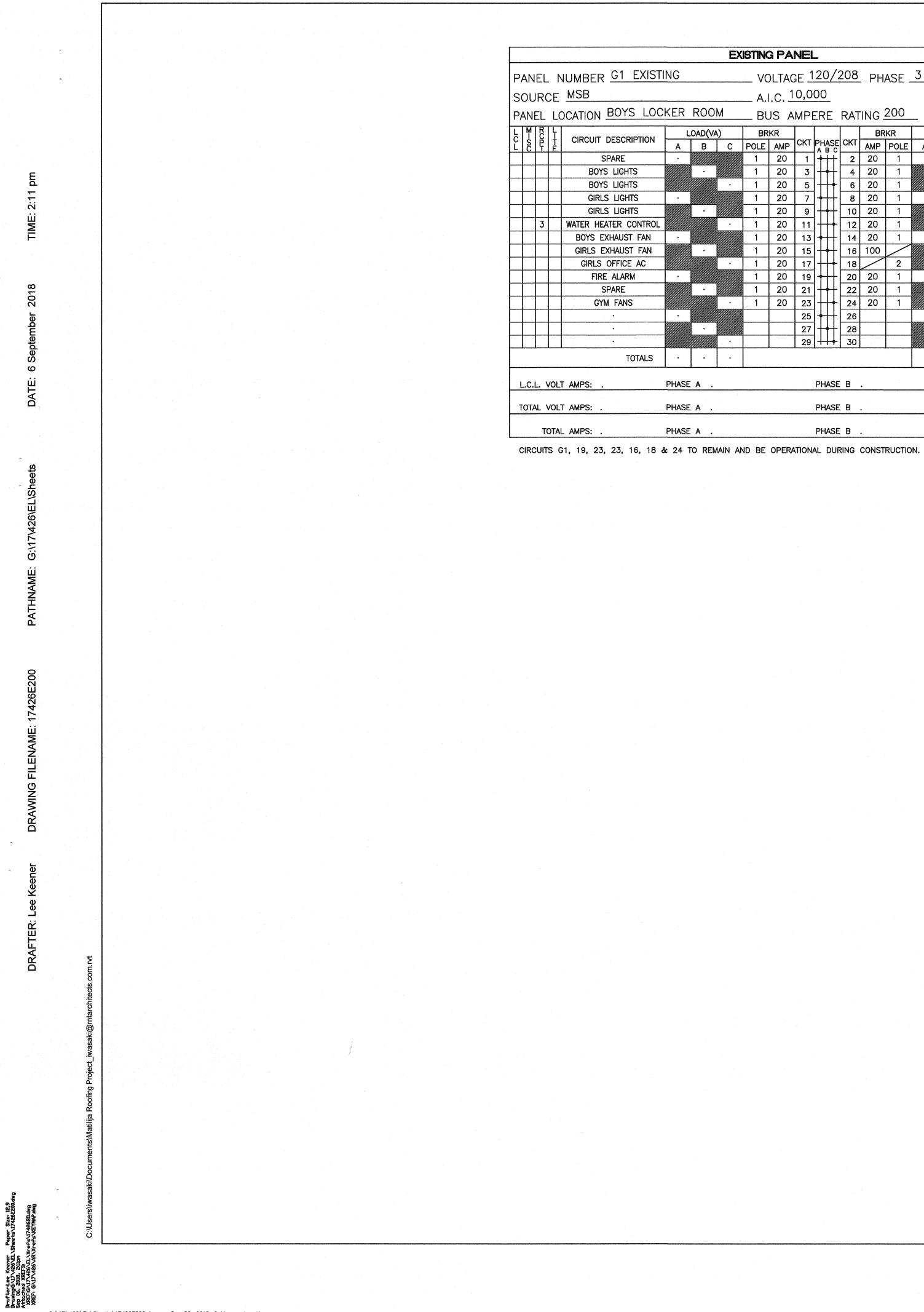
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- PROJECT SITE SITE MAP

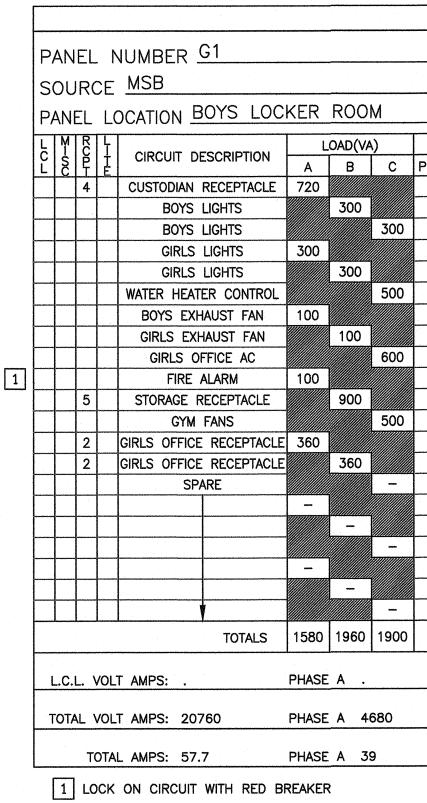
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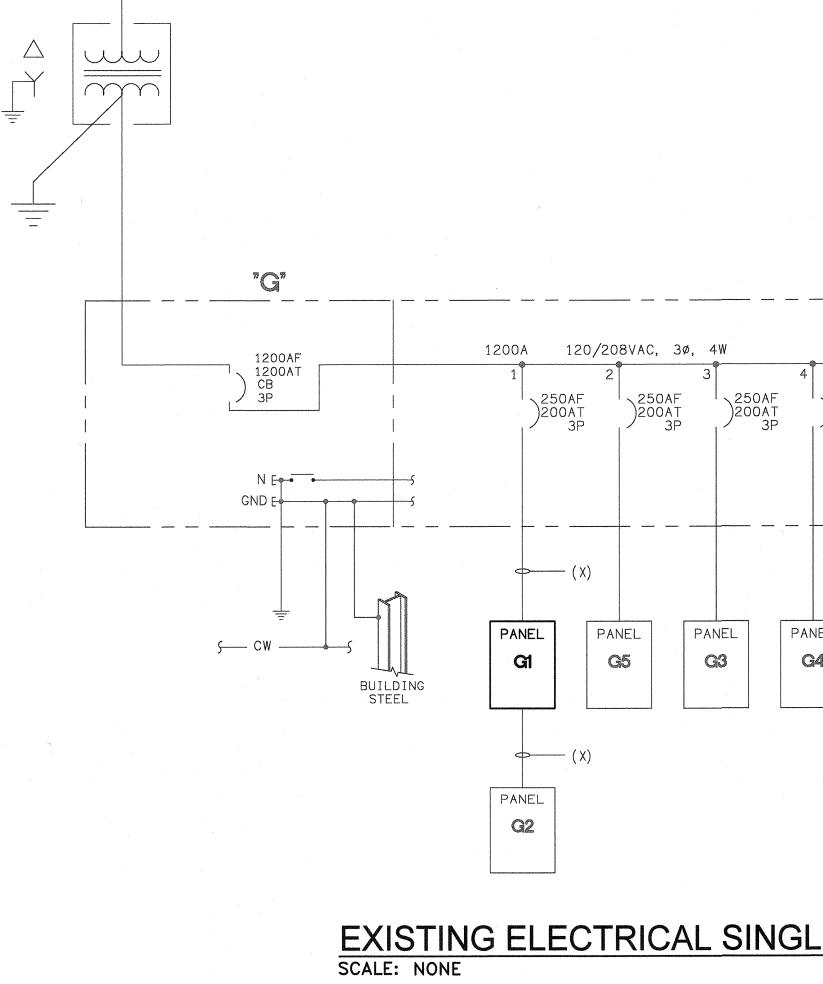
NANAN Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLINE NO. C-34436 **NREN**, 1-31 PF CAL IDENTIFICATION STAMP OF THE STATE ARCHITEC OFFICE OF REGULATION SERVICE FILE NO. 56-21 03-118467 FLS PSS M.K ATE DEC 1 2 2018 اللال تحتر الملتانية المتحد المتحالية CONSULTING ELECTRICAL ENGINEERS 3251 CORTE MALPASO, #511 CAMARILLO, CA 93012-8094 (805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com OJAI UNIFIED SCHOO DISTRICT ROOFING **PROJECT AT** MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023 No. Description Date Sheet Name ROOF DEMOLITION PLAN 17761.00 9/05/2018 Date Drawn by S.F. K. LUCCI Checked by Sheet Number E112

TECTS



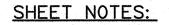
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		OTITECTS
NEW PANEL VOLTAGE 120/208 PHASE 3 WIRE 4	NEMA 1 COPPER BUSS	
		A J M A M A M OL
BRKR BRKR LOAD(VA) POLE AMP CKT PHASE CKT	CIRCUIT DESCRIPTION	Roesling Nakamura Terada Architects 285 N Ventura Ave #102
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	EXTERIOR LIGHTS I GIRLS LOCKER RECPTACLE 4 GIRLS EXTERIOR RECPTACLE 3 WATER HEATER CONTROL I	Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com
1 20 9 1 20 11 1 20 11 12 20 1	BOYS LOCKER RECEPTACLE 2 BOYS EXTERIOR RECEPTACLE 0 BOYS OFFICE AC 0	UTYSON CLINE NO. C-34436
1 20 15 1 20 17 18 2 3200 3100	PANEL G2	REN. 1-31-19
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PHASE B . PHASE	TOTALS	3251 CORTE MALPASO, #511 CAMARILLO, CA 93012-8094 (805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com
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PHASE B 70.8 PHASE	E C 63.2	Exp. 09/30/2020
		OF CALFOR
		OJAI
EXISTING SYSTEM POWER CAPACITY H BEEN STUDIED AND IS ADEQUATE FOI REVISED POWER SYSTEM - EXISTING P	R OWER	UNIFIED SCHOOL
KW DEMAND ON 'G' IS 230KW, NO NEW LOAD HAS BEEN ADDED		DISTRICT
		ROOFING PROJECT AT
		MATILIJA JUNIOR HIGH
		SCHOOL 703 EL PASEO ROAD,
4 5 6 7 8	9 10	OJAI, CA 93023
250AF 200AT 3P 200AT 200AT 200AT 200AT 200AT 3P 250AF 2	250AF 200AT 3P 200AT 3P 250AF 200AT 3P 250AF 200AT 3P	
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ANEL G4		Sheet Name
		ELECTRICAL SINGLE
		SCHEDULES 17761.00
		Date 9/05/2018 Drawn by S.F.
LE LINE DIAGRAM (1)	0	Checked by K. LUCCI Sheet Number
		E200
Engineers. Deviations from this drawing will not be m	ade without their expressed written permission.	L.A.I.# 17426 PAPER SIZE 36"x24"



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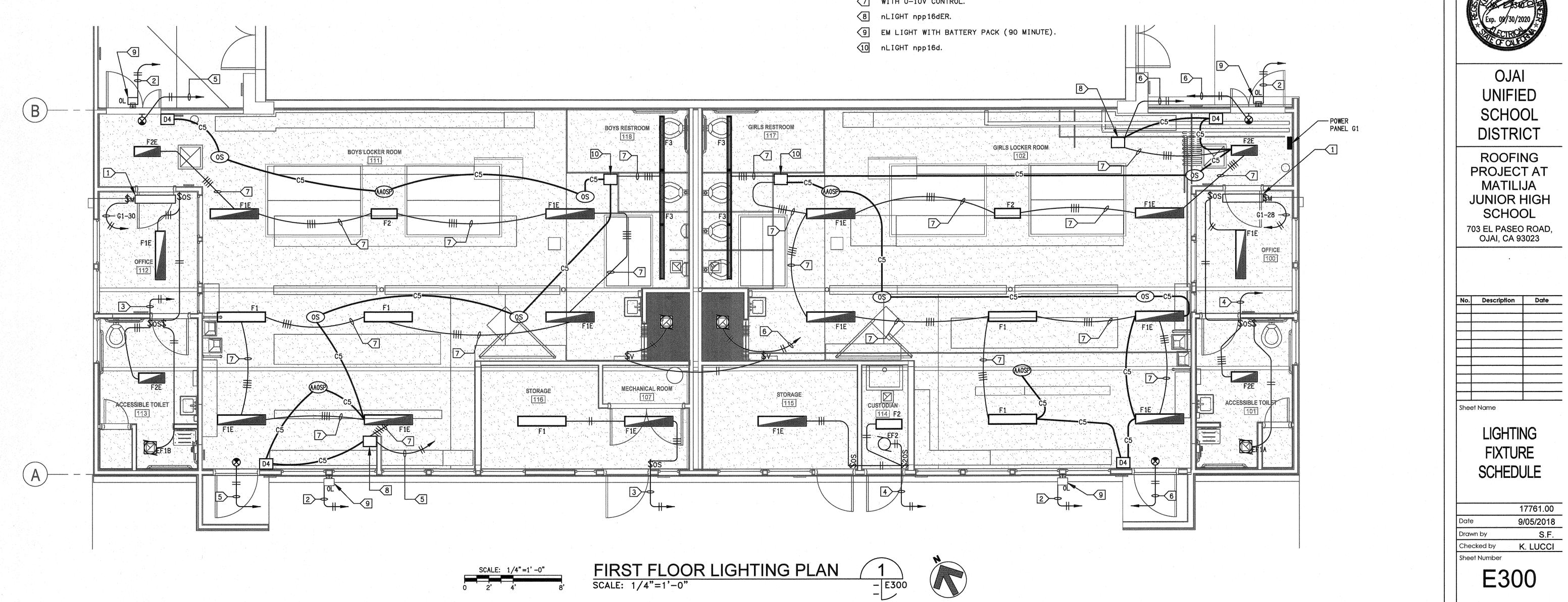
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- 1. CONTRACTOR SHALL VERIFY LOCATION, CEILING TYPE, TRIM, AND REQUIREMENTS OF ALL LIGHT FIXTURES AND CONTROL PRIOR TO BID PROPOSAL, ROUGH-IN, AND FINISH INSTALLATION.
- 2. CONTRACTOR SHALL FURNISH AND INSTALL PULL BOXES AS REQUIRED TO INSTALL CONDUCTORS PER CONDUCTOR MANUFACTURERS RECOMMENDATIONS, PER THE NATIONAL ELECTRICAL CODE AND PER LOCAL AUTHORITIES HAVING JURISDICTION.
- 3. 3/4" CONDUIT MINIMUM UNLESS OTHERWISE NOTED, 1" CONDUIT UNDERGROUND.
- 4. ALL LIGHTING FIXTURES SHALL BE SECONDARILY SUPPORTED WITH SAFETY CABLES, PROVIDED BY CONTRACTOR.
- 5. VERIFY LOCATION OF ALL DEVICES ON ARCHITECTURAL PLANS.
- 6. MAINTAIN A MAXIMUM 2% VOLTAGE DROP ON ALL LIGHTING HOMERUNS.
- 7. ALL EXIT SIGNS ARE +12" TO CENTER LINE OF FIXTURE ABOVE DOOR FRAME UNLESS OTHERWISE NOTED.
- 8. CONTRACTOR SHALL PROVIDE ALL BACKING, BRACKETS, SUPPORTS, AND MOUNTING HARDWARE NECESSARY TO PROPERLY INSTALL LIGHTING FIXTURES.
- 9. VERIFY THE EXACT ROUTING OF ALL EXPOSED CONDUIT WITH OWNER PRIOR TO INSTALLATION.
- 10. 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.
- 11. PROVIDE CODE SIZED EQUIPMENT GROUNDING CONDUCTOR IN ALL LIGHTING SYSTEM CONDUITS.



	DESCRIPTION
	CAT 5 CABLE IN 3/4" CONDUIT
	VACANCY SENSOR SWITCH
	OCCUPANCY SENSOR SENSOR SWITCH - LINE VOLTAGE DUAL LEVEL WSD PDT 2P
	nLIGHT ON/OFF RAISE LOWER #nPODMDXWH
****	nLIGHT DIMMER 2 CHANNEL ON/OFF TOGGLE #nPODM2PDXWH
	nLIGHT DIMMER 4 CHANNEL TOGGLE WITH DIMMING #nPODM4PDXWH
	nLIGHT RELAY PACK #nPP16
	nLIGHT STANDARD RANGE 360' SENSOR CEILING MOUNT, LOW VOLTAGE DUAL TECHNOLOGY #nCMPDT9
	nLIGHT AUTOMATIC DIMMING CONTROL PHOTOCELL, CEILING MOUNT, LOW VOLTAGE DUAL ZONE WITH OCCUPANCY SENSOR nCMPDT10ADCXDZ
	POWER PACK, 2 LEVEL, 120/277VAC DUAL VOLTAGE
	PHOTOCELL 120/277VAC

TAG

-----C5------

\$v

\$os

D1

D2

D4

RP

OS

AAOSP

PP2

C

			LIC	GHTING FIXT	URE SCHEDUL	Ε	
TAG	SYMBOL	WATT	DESCRIPTION	LAMP - TYPE AND QUANTITY	MOUNTING	MANUFACTURER AND MODEL NUMBER	REMARKS
$\left\langle \begin{array}{c} F1\\ -\end{array} \right\rangle$		50	4' X 12" LED	LED	SURFACE – SEE ARCHITECTURAL AD-901 DETAIL 14	KENALL MLHAB48-F-MW-PP-1-67L40K-DCC-1-DV	
FIE -		50	4' X 12" LED	LED	SURFACE – SEE ARCHITECTURAL AD-901 DETAIL 14	KENALL MLHAB48-F-MW-PP-1-67L40K-DCC-1-DV	WITH 'EM' 90 MINUTE BATTERY PACK
(F2) -		21	2'0" X 2'0" LED WET LOCATION	LED	SURFACE – SEE ARCHITECTURAL AD-901 DETAIL 14	KENALL MLHA8-24-MW-PP-25L40K-DCC-DV	
F2E -		21	2'0" X 2'0" LED WET LOCATION	LED	SURFACE – SEE ARCHITECTURAL AD-901 DETAIL 14	KENALL MLHA8-24-MW-PP-25L40K-DCC-DV	WITH 'EM' 90 MINUTE BATTERY PACK
(F3) -	Contraction of the second secon	42	WALL WASH 6"X6'0"	LED	SURFACE – SEE ARCHITECTURAL AD-901 DETAIL 14	FOCAL POINT FWSL-650L-35K-1C-120-LD1-U-WH-6FT	
	Ð		OUTDOOR LIGHT	LED	WALL	LITHONIA DSX WILED-10C-350-40K-T2M-120-PE- PIRH1FC3V-ELWL	WITH 'EM' 90 MINUTE BATTERY PACK
$\left\langle \begin{array}{c} \mathbf{x} \\ - \end{array} \right\rangle$	₽		EXIT LIGHT	LED	WALL	LITHONIA LHQ R120	WITH 'EM' 90 MINUTE BATTERY PACK

KEY NOTES:

- (1) EXISTING FAN COIL, RECONNECT.
- (2) VIA ASTRONOMICAL TIME CLOCK WITH PHOTOCELL, G1-2.

√3 G1−3.

(4) G1-7. √5 G1−5.

6 G1-9.

{7 WITH 0-10V CONTROL.

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TEOTS

, WAXAN

Roesling Nakamura **Terada Architects**

285 N Ventura Ave #102 Ventura, CA 93001

www.RNTarchitects.com

TYSON CLI

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

FILE NO. 56-21

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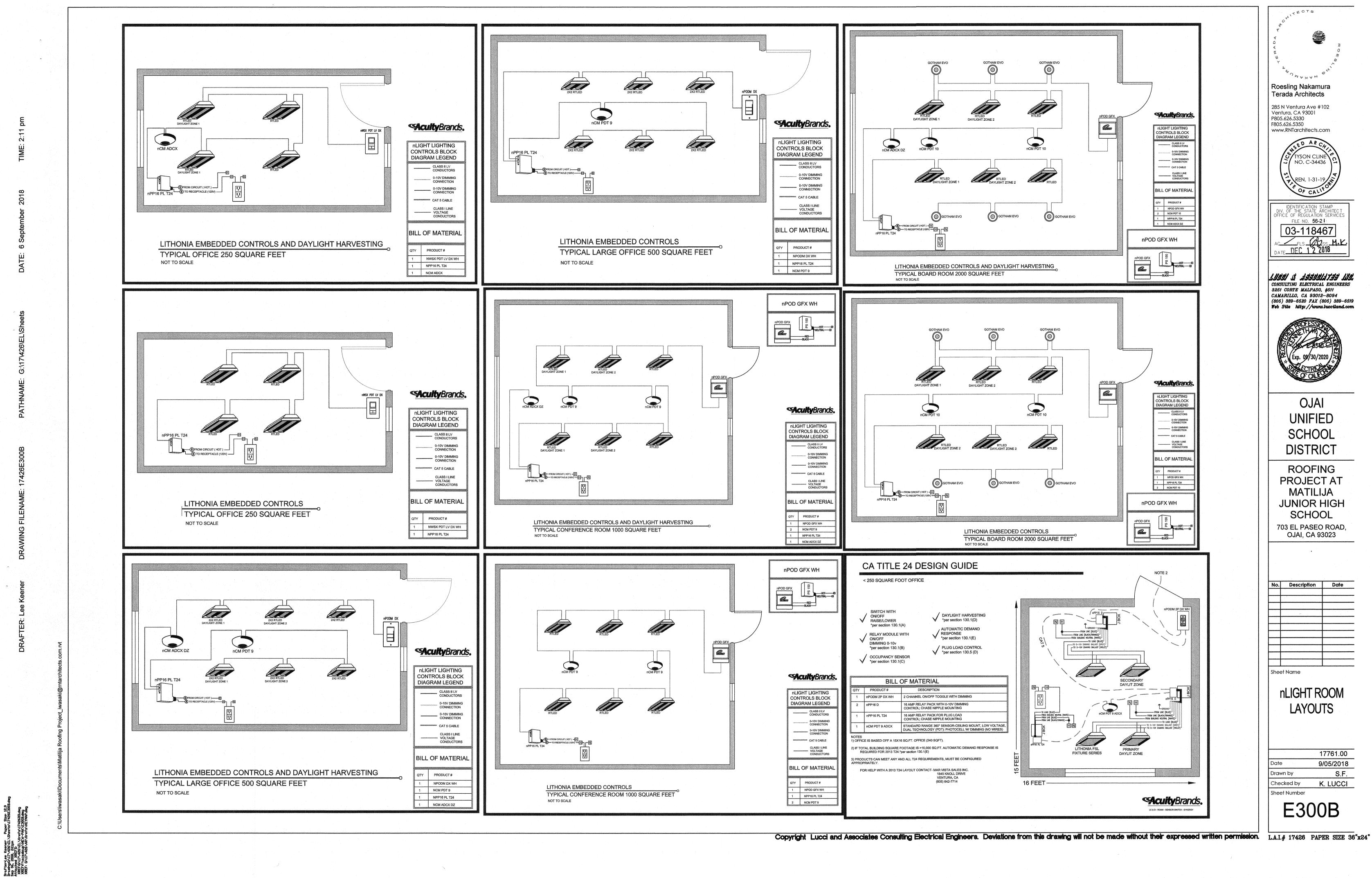
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(805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com

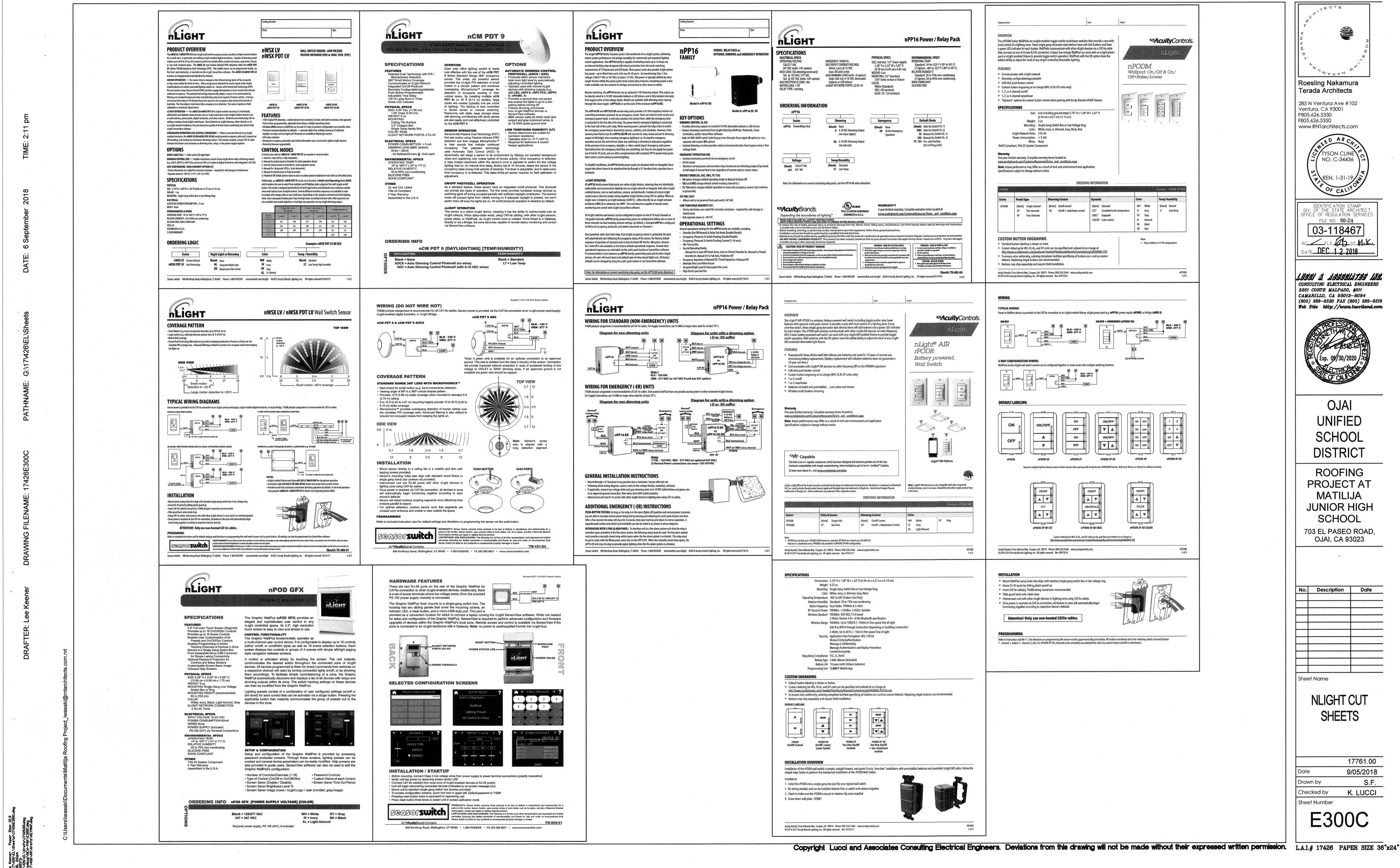
CAMARILLO, CA 93012-8094

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P805.626.5330 F805.626.5350



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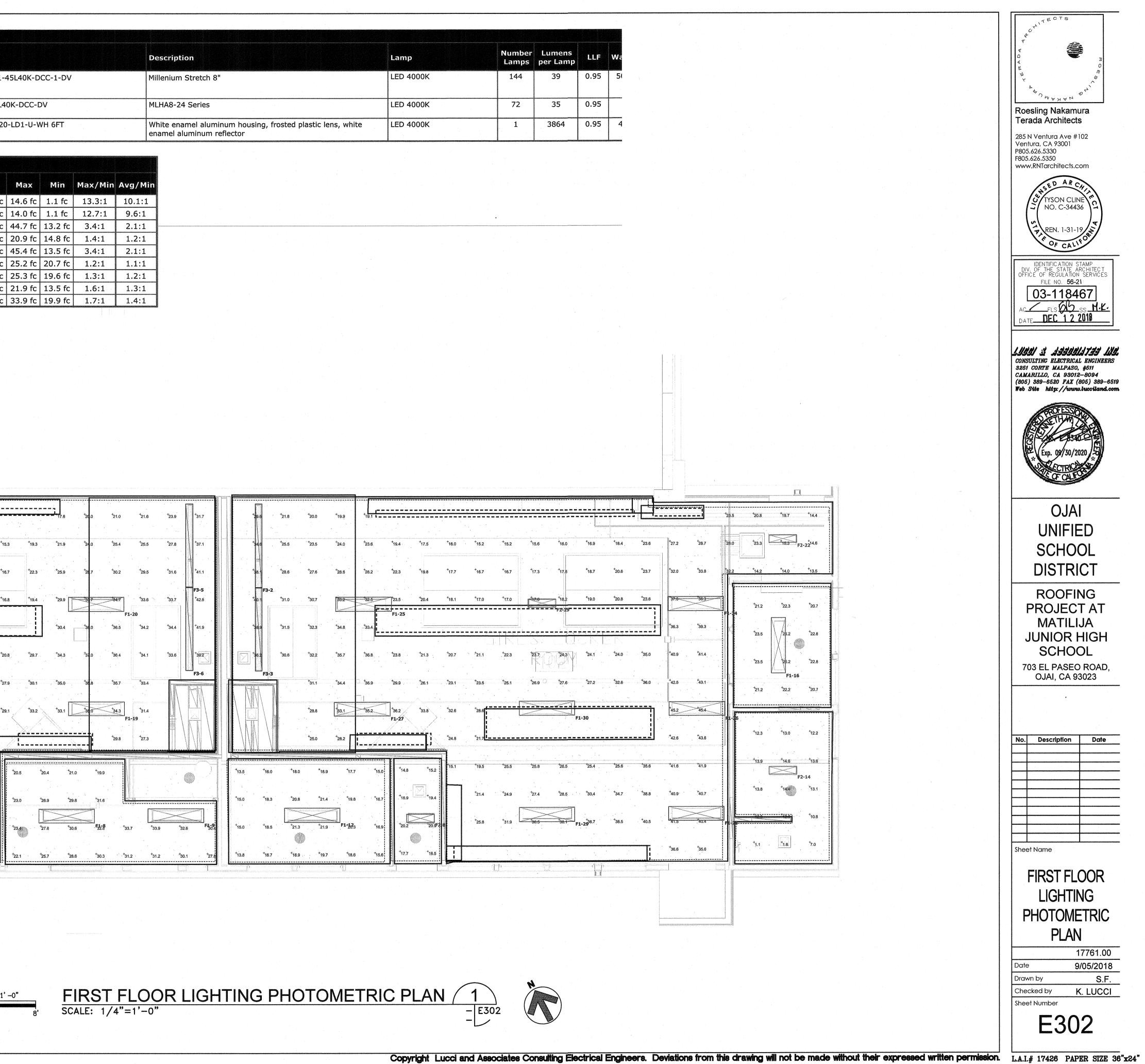


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		ScheduleSymbolLabelQTYImage: strain of the s	Catalog NumberMLHA8-48-F-MW-CP-1-45L40K-DCC-1-DVMLHA8-24-MW-PP-25L40K-DCC-DVFWSL-650L-40K-1C-120-LD1-U-WH 6FT	Description Millenium Stretch 8" MLHA8-24 Series White enamel aluminum housing, frosted plastic lens, white enamel aluminum reflector	Lamp LED 4000K LED 4000K LED 4000K	Number Lamps Lumens per Lamp LLF Wa 144 39 0.95 50 72 35 0.95 50 1 3864 0.95 4
6 September 2018 TIME: 2:11 pm		Statistics Description ACCESSIBLE TOILET 101 ACCESSIBLE TOILET 113 BOYS LOCKER ROOM CUSTODIAN GIRLS LOCKER ROOM OFFICE 100 OFFICE 112 STORAGE 115 STORAGE 116	SymbolAvgMaxMinMax/MinAvg/ $+$ 11.1 fc14.6 fc1.1 fc13.3:110.1 $+$ 10.6 fc14.0 fc1.1 fc12.7:19.6 $+$ 28.1 fc44.7 fc13.2 fc3.4:12.1 $+$ 18.2 fc20.9 fc14.8 fc1.4:11.2 $+$ 27.9 fc45.4 fc13.5 fc3.4:12.1 $+$ 22.6 fc25.2 fc20.7 fc1.2:11.1 $+$ 22.8 fc25.3 fc19.6 fc1.3:11.2 $+$ 17.8 fc21.9 fc13.5 fc1.6:11.3 $+$ 27.7 fc33.9 fc19.9 fc1.7:11.4	1:1 :1 :1 :1 :1 :1 :1 :1		
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DrafterLee Keener DrawhgGVJ7426/EL Sep UG, 2019, 2019 Attached XRFS XRFGVJ7426/ELVX



F1 3 PROJECT INFORMATION. MILLENIUM STRETCH[™] Job Maine .0, **MLHA8 SERIES** PRODUCT FEATURES: Catalog Number * Sutface mount – wall or ceiling; nominal 8 "x 24", 8" x36" 8 "x48", 8" x72", 8" x96" Approved by _____ · Extraded aluminum housing with decovative end caps Peace of Mind Guaantee[®] against breakage * AEM compliant Rounded End Cap Reveal End Cap SPECIFICATIONS HOUSING: Makine grade asimicium. Extruded body with de-cast end caps. Housing, with end caps, post assembly TGHC polyester powder cost linksted + 5-step pre-treatment. See Ordering information for standard, optional, architectural and custom finishes. REFLECTOR: Full reflectantwire cover -92% reflectivity. 1ENS: UV-stabilized, high impact extruded dear or pervisement polycarbonate. Smooth extends, linear prismatic interior, Nominal thickness. 1961, tens securely positioned in body channels and end caps. Lens locked in place with tamper-resistant atapless steel Tox⁴ with center pin fasteners and sealed with closed cell gaskets. END CAPS: Marine grade die oast aluminum. Truee styles available: Flat, Rounded and Reveal. Conduit and "Wremod" ready" isnockouts visible only from interior of end cap (Ratand Rounded styles only). SOCKETS: Shock-resistantisockets with internal locking collar to ensure positive lamp retention. HARDWARE: Stainless steel, tampen-resistant Torx fastences secure lens in housing body's lens channel (loar on 24°, 36°, and 48° housings; eight on 72° and 96° housings). ELECTRICAL: (E): (Available 3500K, 4000K and 5000K color temperatures, 82 CRI, 1:20-277W/C, 5060Hz electrical input with serviceable high power lactor electronic; constant-current driver (<20% THD, >0.95 FF). Standard 0-10V demning with 1-100% range, maximum driver source of 500 µ/A. Optional embedded microwave motion sensor (MS) has factory default settings of 20 minute time out, drins down to 30%. (E) Class P balasts. Flucrescent electronic 1:20:277/947 and datal voltage balasts high power factor. INSTALLATION: Standard four-point (24" housing), six-point (36" and 48" housing) and twelve-point (72" and 96" housing) mounting required for Peace of Mind Guarantee*. LED product ambient temperature is -30°C to 40°C, unless otherwise noted. TEKLINK "TLSO: An independent lighting control system embedded in the luminaise, leaturing its own occupancy sensor, daylight haviesting and adjustable fune-outklimming settings. TEXLINK "TLEOD: Comparised wined zonal occupancy and closed-loop daylight havesting control system. TE 100 controllers are standardne devices and ordered separately for fundation. Cito, here for specifications PHOTOMETRICS: Photometry tested to the #SNA 1M-79-08 standard by an EMO/3017025 accredited (aboratory, for additional photometric information, go to www.kena8.com, WARRANTY: Limited terr(10) year varianty for LED Lamps LISTINGS; LL and CUL listed for Wet incention - covered onling mount. UL certified IP64 in compliance with EC 60598 - celling mount. Comet indiantial wall and pendant mount installation -damp location only. ADA compliant. Approved by the New York State - Office of Mental Health. in Stock Skill WHAS AS & ANN PR 2 3195 1 ON MLHA8-485-144-39-2-352-350/1-09 ORDERING INFORMATION (Ex: MIHA8-48-F-MB-PP-45140K-DCC-DV-FS-9500) Length End Cap Finish Lens Lamp Oty Lamp Type Ballast/Driver Circuit Oty Voltage Options Accessories Teklink. Controls Kit MLHA8
 Lamp Type

 2' Lengths

 251.35K
 25 Watt 3500K LE0

 251.40K
 25 Watt 3500K LE0

 25.10K
 25 Watt 350K LE0
 Ballast/Driver Type IS instant Stant Electronic < 10% THD (78) IS Rapid StantElectronic < 10% THD (78,75,75;HD) St Specified Ballast DCC Dimming Constant Custern (LED) Options (continued) UCS • Uplight Comparisht (Pendent Mount only, Leogth 24 2 stems by others; damp only) MS Motion Sensor (2" and 4" LED only)
 36
 3'

 48
 4'

 72
 W0'3' (factory connected)

 96
 Two 4' (factory connected)
 (n/a with 347 Voltage Option) Accessories CMB1 Conser MountBracket (Mustbe ordered with DLOption) 9500 Toxi[®] Scawddiwn D-0552 Yox Driver Sit (Required for CMS Option) Circuit Quantity (n/a with LED) 1 One 21 Two (2 Ballost minimum) Find Caos F Flat X Mounted RV Reyeal 9 120 Volts 7 277 Volts 39 F39T5HO (apid start only) TekLink TLSO§ TLSO Control System Ugin Gray DV 120-277 Volts <u>(Klick here for specifications)</u> 71.100 TL100 Control System <u>(Klick here for specifications)</u> MB Matte Stark Options: 500 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp) PEL+***§ (1100 Minimum Lumen Battery Pack (90 Minutes; 32°F Starting Temp) LEL LED Emeigency Battery Backup (4' orly) (451 max, 32°F minimum onesation temperature) 45140K 45 Watt 4000K LED Piease consult Kenali Applications when ordering controls. Mounting heights above 14' may require alternate sensing 67 Watt 3500% LEE 67 Watt 4000% LEE
 view
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 View
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 67 Ware 4000K 12E

 67150K
 67 Ware 4000K 12E

 90135K
 90 Ware 3500K 12E

 90140K
 90 Ware 4000K 12E

 90150K
 90 Ware 4000K 12E

 90150K
 90 Ware 5000K 12E

 28
 F2875 (vapid start only)

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 F3278

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 F5475HO amalogam (vapid start only)
 technology.

 Att 3 5000 K ED
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 J Wart 4000K ED
 J Wart 4000K ED
 (4' only) (45L max, 32.7' minimum

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 f2278
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 Demp tocration (interior use NO gasketing)
 1
 n/a on 2' TSPSHO to 3''E5HO fixtures

 f5475HO (tapid stant only)
 PS
 Single Fuse & Holder(one per clock)
 with 3L, PEL on TM options

 x
 F5475HO amaigam (tapid stantonly)
 PH
 Philips Head Fastenes
 < Lamp Quantity (Cross Section) 3 Three (TS or TS only) KENALL.
WWW.kenal.com
R: \$00.4-Kenall
F: 262-891-9701
10200 55th Street Kenasha, Wisconsin 53144
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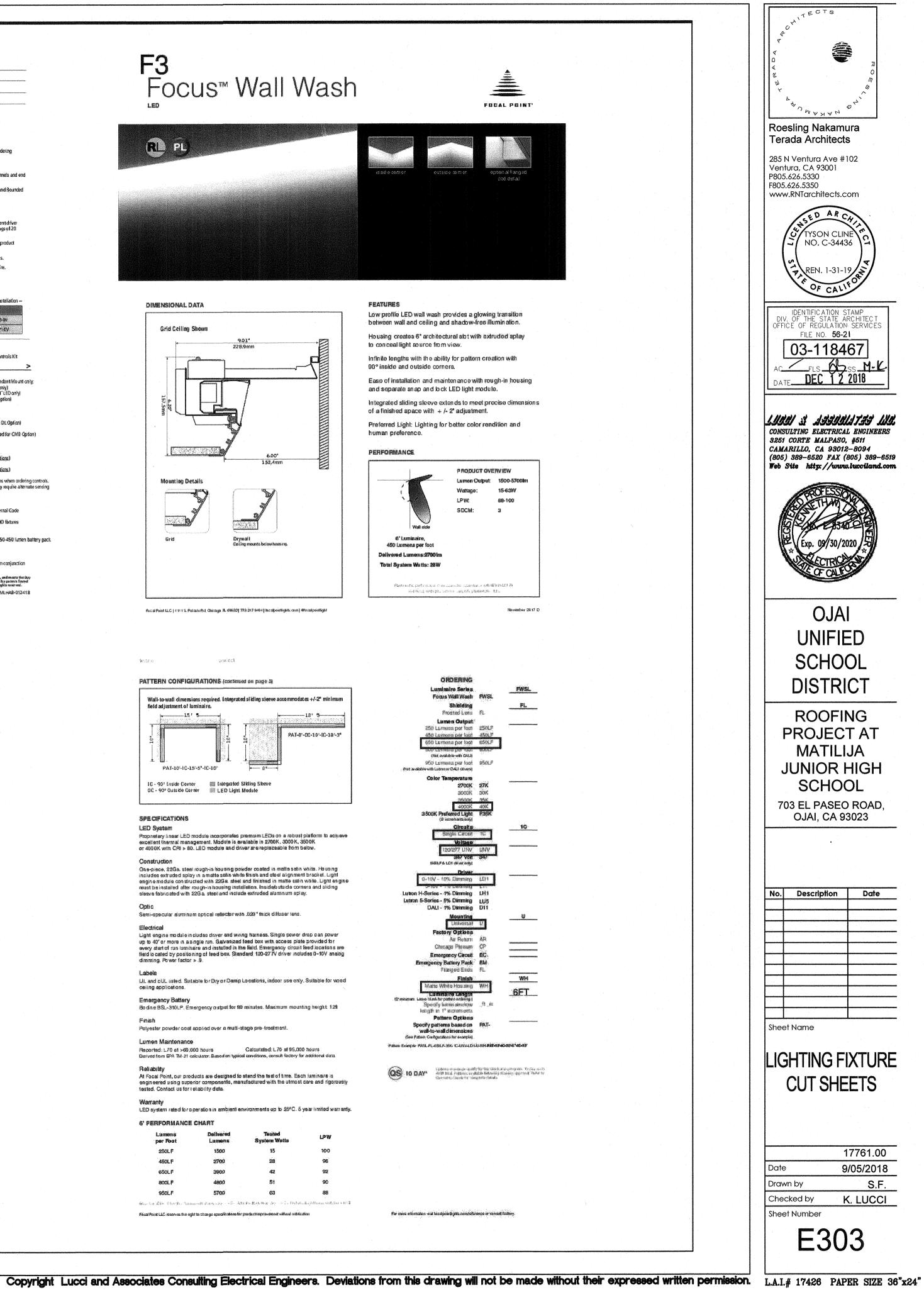
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(n/a with LED) 90L50k 90 Walt SCOX LED operating temperature) < > factory Assigned internal Code 1 One 28 73278 OLP Capite Qilliser fastenes 1 Na on 2' T5/F5H0 to 3' T5/H0 or 3' T5/H0 trans 2 Two 32 F3278 OL Deem bound control (minimer) PS Single Fuse & Holder (one per circuit) 1 Na on 2' T5/F5H0 or 3' T5/H0	ORDERING INFORMATION (Ex: MLHA6 Matri Length End Cap Finis MLHA8 Length End Cap Finis MLHA8 Length End Cap Finis Lamp Ty 24 2' 25 130K 25 30 25 430K 25 430K 26 430K 27 430K 26 430K 26 430K 27 430K 26 430K 27 430K 27 44 28 430K 28 430K 28 430K 28 430K 28 430K 28 430K 28 430K 28 430K 28 430K 28 430K 48 430K	sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Watt 250(K 1ED BS SB SB 25 Watt 250(K 1ED BS SB SB 25 Watt 250(K 1ED DCC Circuit BCC 24 Watt 5000K 1ED DCC Circuit Circuit F1 4T5 (rapid start only) T Circuit Circuit F2 178 QT5 (rapid start only) T Circuit 2178 2178 210 1 QT 2578 120 1 277 2 1 Q 2578 120 1 277 2 3 </td <td>Dower CircuitQty Vortage Options "Driver Type Instant Start/Electronic < 10% THD (T8) lapid Start Electronic < 10% THD (T8, T5, T5HO) occilied Badast firming Constant Current (LED) </td> <td>MultiPlace Controls Rit Accessories Tektink Controls Rit Coptions (continued) VCS > UCS Upigint Component (Pendanti/Kourt only: stems by othes; damp only) > MS Motion Sensor (2' and 4' LED only) (ma with 347 Voltage Option) > Accessories CMB1 Compression (2' and 4' LED only) 9500 Totx* Screwchiver > D-0552 Tonx Driver Bit (Required for CMB Option) > Tekt.ink T1505 RLSD Cointrol System (Click, here for specifications) > T1:00 Totx System (Click, here for specifications) > > Piesse consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing ></td> <td></td> <td>LSJ Smm</td> <td></td>	Dower CircuitQty Vortage Options "Driver Type Instant Start/Electronic < 10% THD (T8) lapid Start Electronic < 10% THD (T8, T5, T5HO) occilied Badast firming Constant Current (LED)	MultiPlace Controls Rit Accessories Tektink Controls Rit Coptions (continued) VCS > UCS Upigint Component (Pendanti/Kourt only: stems by othes; damp only) > MS Motion Sensor (2' and 4' LED only) (ma with 347 Voltage Option) > Accessories CMB1 Compression (2' and 4' LED only) 9500 Totx* Screwchiver > D-0552 Tonx Driver Bit (Required for CMB Option) > Tekt.ink T1505 RLSD Cointrol System (Click, here for specifications) > T1:00 Totx System (Click, here for specifications) > > Piesse consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing >		LSJ Smm	
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3 Three (F8 or F5 only) 54 F54T5HO (applid start only) FS Shogle Fuse & Holder (one per chalt) with E4, PELor TN options nutwith 347V <	Generate: ORDERING INFORMATION (Ex: MLHA6 Made: Length Length Length Length Colspan="2">Colspan="2">Colspan="2" MLHA6 Length Length Length Length Colspan="2" ML Made Colspan="2" Colspan="2" ML Made Colspan="2" ML Made Colspan="2"	sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Watt 2500K 1ED BS BS BS 25 Watt 2500K 1ED BS SB SB 25 Watt 2000K 1ED DOC Circuit DOC Circuit 714T5 (rapid start only) F1778 Circuit Circuit Circuit 7178 2115 (rapid start only) 1 Circuit Circuit Circuit 2115 (rapid start only) 211 P Circuit Circuit Circuit 2578 120 1 277 2 Circuit Circuit 215 (rapid start only) Voltage 277 2 Circuit Circuit 2578 120 1 277 2 Circuit Circuit </td <td>Diver (EncuitQty Vortage Options Diver (EncuitQty Vortage Options (Driver Type Instant StartElectronic < 10% THD (T8) Iapid Start Electronic < 10% THD (T8, T5, T5HO) occilied Badast (Imming Constant Current (LED) (Quantity (n/a with LED) Ine ivo (2 Ballost minimum) 20 Volts 20 Volts 22 Volts 22 Volts 22 Volts 23 Volts 20 Volts 500 Minimum Lumen Battery Pack (90 Minutes; 32% Starting Tempi) 5100 Minimum Lumen Battery Pack (90 Minutes; 32% Starting Tempi) LED Emergency Battery Backup (4" only) (45Lmax, 32% Internum operating temperature)</td> <td>Mul 48:48 - MW 86:122: 45:01:01/ Accessoties Tektink Coptions (continued) UCS Upigint Component (Pendant Mount only: stems by others; damp only) MS Motion Sensor (2' and 4' LED only) (ma with 347 Voltage Option) Accessories CMB CMM to concern Mount Bradeet (What the ordered with DL Option) 9500 Totk' Screwchiver D-0552: Tom Driver Bit (Required for CMB Option) Tekt.ink TL505 TL100 Expeditions System (Click, here for specifications) Piesse consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing technology. Controls Kit</td> <td></td> <td>LSJ Smm</td> <td></td>	Diver (EncuitQty Vortage Options Diver (EncuitQty Vortage Options (Driver Type Instant StartElectronic < 10% THD (T8) Iapid Start Electronic < 10% THD (T8, T5, T5HO) occilied Badast (Imming Constant Current (LED) (Quantity (n/a with LED) Ine ivo (2 Ballost minimum) 20 Volts 20 Volts 22 Volts 22 Volts 22 Volts 23 Volts 20 Volts 500 Minimum Lumen Battery Pack (90 Minutes; 32% Starting Tempi) 5100 Minimum Lumen Battery Pack (90 Minutes; 32% Starting Tempi) LED Emergency Battery Backup (4" only) (45Lmax, 32% Internum operating temperature)	Mul 48:48 - MW 86:122: 45:01:01/ Accessoties Tektink Coptions (continued) UCS Upigint Component (Pendant Mount only: stems by others; damp only) MS Motion Sensor (2' and 4' LED only) (ma with 347 Voltage Option) Accessories CMB CMM to concern Mount Bradeet (What the ordered with DL Option) 9500 Totk' Screwchiver D-0552: Tom Driver Bit (Required for CMB Option) Tekt.ink TL505 TL100 Expeditions System (Click, here for specifications) Piesse consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing technology. Controls Kit		LSJ Smm	
PH Philips Head fasteness * 2" Fixtures have minimum 350-450 furtien battery pack. Grid Drywal PM61 Pendant Mount (stems by others; damp only) * * an 2" fixtures Grid Drywal PM61 Pendant Mount (stems by others; damp only) * * an 2" fixtures Grid Drywal TM61 TM61 Stems by others; damp only * n/a with 150 bamps Fixtures Grid Drywal TM61 Wath 150 bamps * n/a with 150 bamp Type: * n/a with 150 bamp Type: * N/a mot analiable in conjunction *	Generate: ORDERING INFORMATION (Ex: MLHA6 Uength End Cap Finis MLHA8 Length End Cap Finis MLHA8 Lamp Ty 24 2' 2'Langth 36 3 25130K 36 3 25130K 36 3 25130K 36 3 25130K 36 44 72 36 3 25130K 36 44 72 36 3 25130K 96 Two 3' (factory connected) 14 77 End Caps 244 8 Rounded 32 length RV Reveal 21 52 Finish 39 52 65 Lens Generation Structure of Wonsu't Factory 45408K CC Custom Cost wonsu't Factory 96435K Chapter Poincetonate 67435K 67408K CP Clear Poincetonate 96435K Chapter Poincetonate 96435K 24 1 One 28	sh Lens Lamp Qty Lamp Type Ballast/ Ba	Driver CircuitQty Vortage Options Oriver Type	Accessories Tektink Controls Kit > Options (continued) > UCS • Upigint Component (Pendant Mo unt only: stems by others; damp only) > MS Morton Sensor (2' and 4'' LED only) (ma with 347 Voltage Option) > Accessories CMB+ Corner Mount Bradsetet (Was the ordered with DL Option) > 9500 Toxt® Snewdriver D-0552. Tom Driver Bit (Required for CMB Option) Tiski, ink TISO Control System (Click, here for specifications) > 71100 RL50 Control System (Click, here for specifications) > Please consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing technology. > Controls Kit > Factory Assigned Internal Code		LSJ Smm	
PM61 Readant Mount (stems by others; damp only) Intrans Coding r TH6 Th6 Th6 Th7/9 waits (120/ only) f r/a with 3 isamps Intra with 150 Lamp Winner PK and CM8 not available in conjunction intra with 150 Lamp intra with 150 Lamp intra with 150 Lamp Winner PK and CM8 not available in conjunction intra with 150 Lamp intra with 150 Lamp intra with 150 Lamp	Generate: ORDERING INFORMATION (Ex: MLHA# Uength End Cap This MLHA8 Length End Cap This MLHA8 Lamp Ty 24 2' Length 36 3' 24 2' Length 36 3' 72 Two 3' (lactory connected) 96 Two 3' (lactory connected) 14 72 Two 3' (lactory connected) 14 96 Two 3' (lactory connected) 14 71 End Caps 24* 7 Flat 3' Length 8 Rounded 2' Length 16 Light Gray 4' Length MM Matte White 4' Length MW Matte White 6' TL36K CP Clear Polycathonale 6' TL36K CP Clear Polycathonale 6' TL36K PP Pearlescent/folycathonale 6' TL36K 6' Lang Quantity (Cross Section) 90L40K 90L40K 2' Two 3' Three ('B or T5 only) 1 One 3' 3' <	sh Lens Lamp Qty Lamp Type Ballasti spe Ballasti Ballasti Ballasti 25 Watt 2500(K 1ED BS BS BS 25 Watt 2500(K 1ED BS BS SB 25 Watt 2500(K 1ED DCC E SB SE 25 Watt 2000(K 1ED DCC E F1 4T5 (rapid start only) T Cliccuit) F1 4T5 (rapid start only) T Cliccuit T Cliccuit F2 4T5 (rapid start only) T Cliccuit Cliccuit Cliccuit 2115 (rapid start only) Voltage 217 P Cliccuit Cliccuit 2158 120 1 1 Cliccuit 217 P 2158 120 1 1 Cliccuit 217 P 2158 120 1 1 277 21 P 45 Watt 35000 LED 00V 1 277 27 27 27 45 Watt 35000 LED 00V 1 00V 1 27 28 27	Driver CircuitQty Vortage Options Oriver Type Start Electronic < 10% THD (T8)	Accessories Testianic Accessories Testianic Options (continued) UCS • Uplight Component (Pendanti/Ko unt only: stems by others; damp only) MS Monton Sensor (2" and 4" LED only) (ma with 347 Voltage Option) Accessories CMBH Control Size Town Wount Bracket (Must be ordered with DL Option) 9500 Town® Science (2) and 4" LED only) (ma with 347 Voltage Option) Accessories CMBH CMBH Context Mount Bracket (Must be ordered with DL Option) 9500 Town® Science (2) and 4" LED only) (Make the ordered with DL Option) Tekt ink T1505 RISO Control System (Click here for specifications) 71100 Toto Control System (Click here for specifications) Pieses consult Kenall Applications when ordering controls. Mounting heights above 14' may require alternate sensing technology. Controls Kitt Science // Stefen or 3*TSHO Totates with EL PELor TM options		LSJ Smm	
 a wait LED Lamp Type t PM and CMB not a sailable in conjunction www.henall.com P: 262-891-9701 10200 55th Street Kenesha, Wisconsin 53144 	Generate: ORDERING INFORMATION (Ex: MLHA# Uength End Cap This MLHA8 Length End Cap This MLHA8 Lamp Ty 24 2' Length 36 3' 24 2' Length 36 3' 72 Two 3' (lactory connected) 96 Two 3' (lactory connected) 14 72 Two 3' (lactory connected) 14 96 Two 3' (lactory connected) 14 71 End Caps 24* 7 Flat 3' Length 8 Rounded 2' Length 16 Light Gray 4' Length MM Matte White 4' Length MW Matte White 6' TL36K CP Clear Polycathonale 6' TL36K 6' TL36K 6' TL36K 6' TL36K PP Pearlescent/folycathonale 6' TL36K 10 One 22 3' Dut48K 2 Two 3' Dut48K 2 Two 3'Dut48K 10 <t< td=""><td>sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Wast 350(K ±E) BS B 25 Wast 350(K ±E) SB S 25 Wast 350(K ±E) DCC E 2175 (rapid start only) 1 C 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 45 Watt 3500X ±ED OV 1 45 45 Watt 3500X ±ED OV 1 67 67 Watt 3500X ±ED UEL 90 90 Watt 3500X ±ED UEL 90 Watt 3500X ±ED UEL 90 00L 278</td><td>Diver CircuitQty Vortage Options Oniver Type Stant StartElectronic < 10% THD (T8)</td> Stant StartElectronic < 10% THD (T8, T5, T5HO)</t<>	sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Wast 350(K ±E) BS B 25 Wast 350(K ±E) SB S 25 Wast 350(K ±E) DCC E 2175 (rapid start only) 1 C 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 2578 1.20 1 277 45 Watt 3500X ±ED OV 1 45 45 Watt 3500X ±ED OV 1 67 67 Watt 3500X ±ED UEL 90 90 Watt 3500X ±ED UEL 90 Watt 3500X ±ED UEL 90 00L 278	Diver CircuitQty Vortage Options Oniver Type Stant StartElectronic < 10% THD (T8)	Accessories Testiank Controls Kit Accessories Testiank Controls Kit Options (continued) UCS • Upfoint Component (Pendant/Mount only: stems by others; damp only) MS Mortion Sensor (2' and 4' LED only) (ma with 347 Voltage Option) Accessories CMB1 Control System (Must the ordered with DL Option) 9500 Ton* Sprewitiver D-0552 Tone Drive System (Click here for specifications) 71100 Th100 Control System (Click here for specifications) 71:00 Th100 Control System (Click here for specifications) Please consult Ken30 Applications when ordering controls. Mounting heights above 14' may require alternate sensing technology. Controls Kit < > Factory Assigned internal Code 1 <n a=""> on 2' TSPSHO on 3' TSHO fabraes widt 83, PELor TN options * n/a with 347V * The with 347V</n>		Mounting Details	
www.kenali.com P: 800-4-Kenali F: 262-891-9701 10200 55th Street Kenosha, Wisconsin 33144	Generate: ORDERING INFORMATION (Ex: MLHA# Uength End Cap This MLHA8 Length End Cap This MLHA8 Lamp Ty 24 2' Length 36 3' 24 2' Length 36 3' 72 Two 3' (lactory connected) 96 Two 3' (lactory connected) 14 72 Two 3' (lactory connected) 14 96 Two 3' (lactory connected) 14 71 End Caps 24* 7 Flat 3' Length 8 Rounded 2' Length 16 Light Gray 4' Length MM Matte White 4' Length MW Matte White 6' TL36K CP Clear Polycathonale 6' TL36K 6' TL36K 6' TL36K 6' TL36K PP Pearlescent/folycathonale 6' TL36K 10 One 22 3' Dut48K 2 Two 3' Dut48K 2 Two 3'Dut48K 10 <t< td=""><td>sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Watt 250(K-1ED BS SB SB 25 Watt 250(K-1ED BS SB SB 25 Watt 250(K-1ED BC SB SB SB 25 Watt 250(K-1ED DCC SB SB</td><td>Driver CircuitQty Vortage Options Oriver Type Instant Start/Electronic < 10% THD (T8)</td> Iapid Start Electronic < 10% THD (T8, T5, T5H0)</t<>	sh Lens Lamp Qty Lamp Type Ballasti ype Ballasti Ballasti Ballasti 25 Watt 250(K-1ED BS SB SB 25 Watt 250(K-1ED BS SB SB 25 Watt 250(K-1ED BC SB SB SB 25 Watt 250(K-1ED DCC SB	Driver CircuitQty Vortage Options Oriver Type Instant Start/Electronic < 10% THD (T8)	Accessories Testinik Controls Kit > Options (continued) > UCS • Uplight Component (Pendanti-Ko unt only: stems by others; damp only) > MS Monton Sensor (2" and 4" LED only) (ma with 347 Voltage Option) Accessories CMBH Control Sensor (2" and 4" LED only) (ma with 347 Voltage Option) Accessories		Mounting Details	
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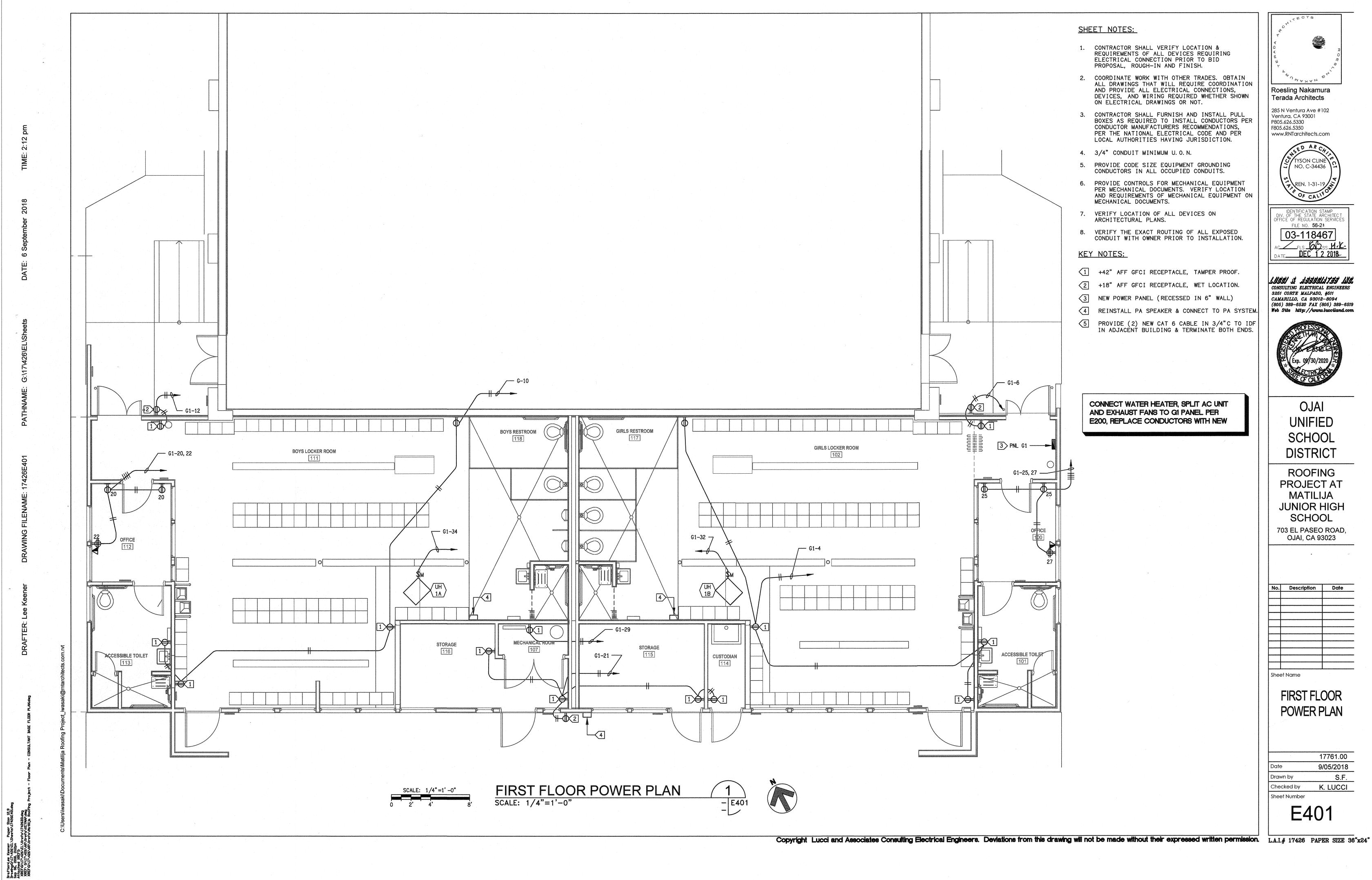
Wall-to-wall dimensions required. Integr field adjustment of luminaire.	ated sliding sleeve :
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- 10 [°] - 10 [°]	10,
PAT-10-10-15-5*-10-10*	
1C - 90° Inside Corner 🛛 📾 Integrate 0C - 90° Outside Carner 🖓 LED Liga	d Siking Sleeve ni Madule
· · · · · · · · · · · · · · · · · · ·	*****
PECIFICATIONS	
ED System roprietary linear LED module incorporate roellent linermal management. Module la r 4000K with CRI > 80. LED module and i	available in 27001
onstruction	

制动机合

Lumens Delivered Tested
6' PERFORMANCE CHART
Warranty LED system rated to roperation in ambient environments up to
Reliability At Focal Point, our products are designed to stand the test of th engineered using superior components, manufactured with the tested. Contact us for resistority data.
Lumen Maintenance Reported: L70 et >60,000 hours Calculated: L70 Derived from EPA TM-21 calculator: Based or typical conditions, consult
Finish Polyester powder coel appsed over a muit-stage pra-treatmen
Emergency Battery Bodine BSL-3104.P. Emergency output for 90 minutes. Maximum
Labels UL and oUL ssted. Suitable by Dry or Damp Lo cations, indoor celling applications.
Electrical Light engine no detein clodes daver and wring hamass. Single up to 40° or more in a single run. Galvanized teed box with acc every start of run turnitaire and instelled in the field. Emergeoor field to called by positioning of teed box. Standard, 120-27 W dri dimming. Power factor > .9.
Optic Semi-specular aluminum optical reflector with .020* track diffus

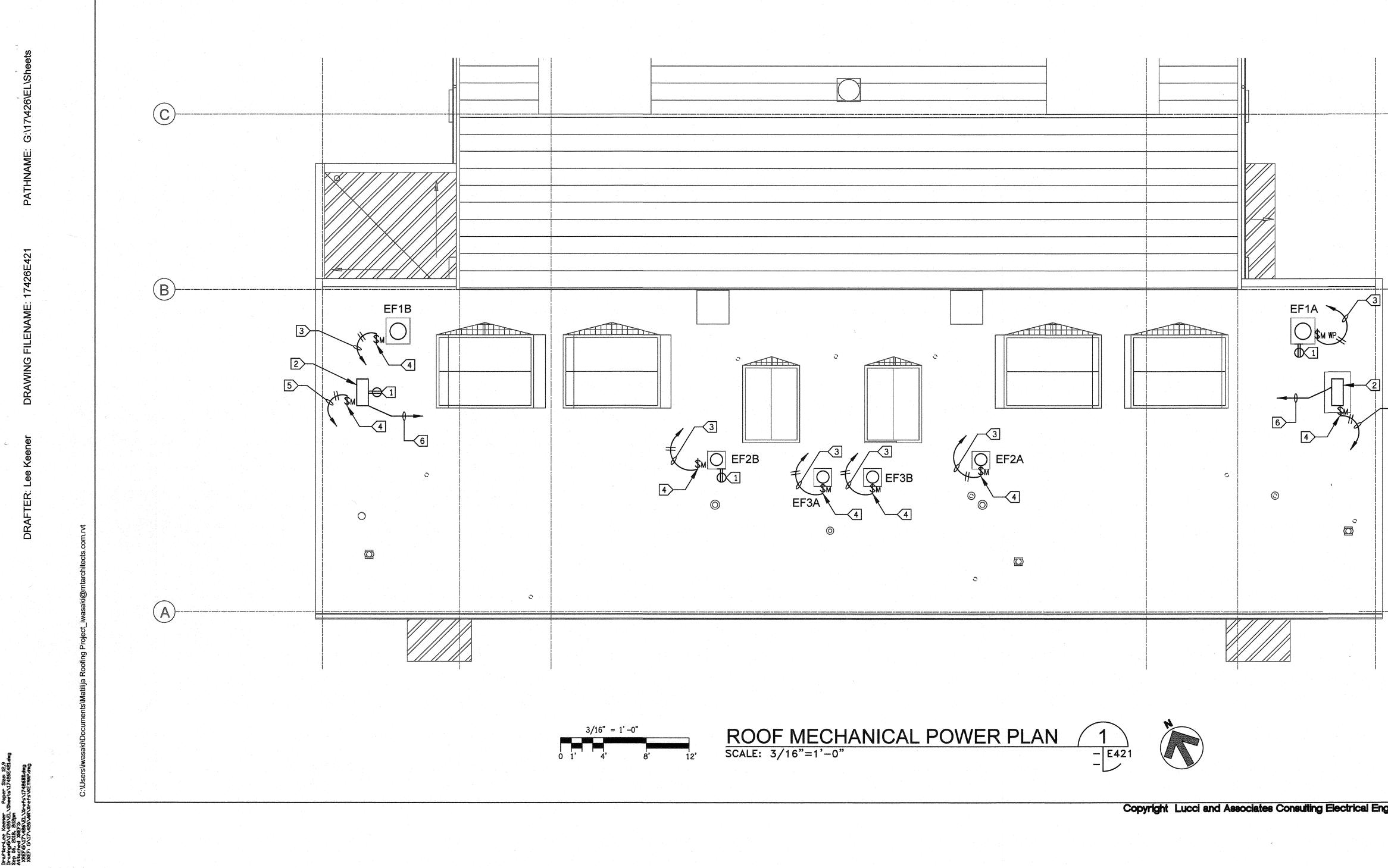
	per Foot	Lumons	System Wa
	250L.F	1500	15
	450LF	2700	28
	650LF	3900	42
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	950LF	5700	63
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'AG #	DESCRIPTION	H.P.	FL4	MAX	VOLTAGE	PHASE	NEMA STARTER SIZE	DISCONNECT	RECOMMENDED FUSE SIZE/TYPE *	REMARKS	PANEL/CIRCUIT NO.	FEEDER
EF 1A	EXHAUST FAN		1	·	120	1		15A/1P		PROVIDE FLEX CONNECTORS ON OUTLET. CONTROL VIA HUMIDITY & MOTION SENSOR WITH LIGHT & BACKDRAFT DAMPER.	G1-13	3/4"C-2#12 & 1#12GND
EF 1B	EXHAUST FAN		1	•	120	1	•	15A/1P	•		G1-13	3/4"C-2#12 & 1#12GND
EF 1C	EXHAUST FAN	•	1	•	120	1		15A/1P	•		G1-15	3/4"C-2#12 & 1#12GND
EF 1D	EXHAUST FAN		1	•	120	1	•	15A/1P	•		G1-15	3/4"C-2#12 & 1#12GND
EF 2	EXHAUST FAN IN ROOM 114		1	•	120	1	•	15A/1P	•	PROVIDE FLEX CONNECTORS ON OUTLET. CONTROL VIA MOTION SENSOR WITH BACKDRAFT DAMPER.	CONNECT TO ROOM	3/4"C-2#12 & 1#12GND
EF 3A	EXHAUST FAN	1/6	3	•	120	1		15A/1P	•	CONTROL& BACKDRAFT DAMPER.	CONNECT TO ROOM LIGHTING POWER	3/4"C-2#12 & 1#12GND
EF 3B	EXHAUST FAN	1/6	3	•	120	1	•	15A/1P	•	CONTROL& BACKDRAFT DAMPER.	CONNECT TO ROOM LIGHTING POWER	3/4"C-2#12 & 1#12GND
	UNIT HEATER IN LOCKER ROOM 102 & 111	. 06	2	•	120	1	•	15A/1P	•	• • • • • • • • • • • • • • • • • • •	G1-37	3/4"C-2#12 & 1#12GND
UH 1B	UNIT HEATER IN LOCKER ROOM 102 & 111	. 06	2	•	120	1	•	15A/1P	•	•	G1-34	3/4"C-2#12 & 1#12GND
	AC SPLIT UNIT	. 06	2	•	120	1	•	15A/1P	•		G1-28 (G1-17)	(2)3/4"C-2#12 & 1#120
AC 1B	AC SPLIT UNIT	. 06	2	•	120	1	•	15A/1P	s.	•	G1-30 (G1-14)	(2)3/4"C-2#12 & 1#120
* ALL	. FUSES BY BUSSMANN AND SHALL BE SIZED F	PER MA	NUFAC	TURERS	RECOMMENDA	TION.						



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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. EACH DISCONNECT OR STARTER AND A SPARE SET OF FUSES SHALL BE CONTRACTOR PROVIDED.

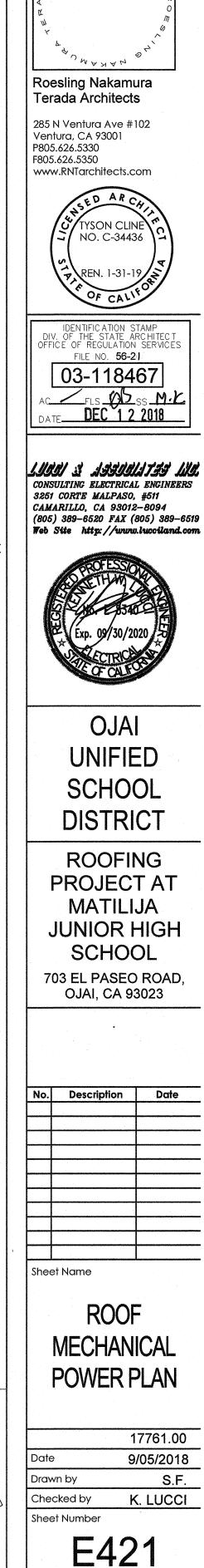
KEY NOTES:

- 1 W.P. GFCI RECEPTACLE FED FROM G1-26.
- 2 REINSTALL (X) OUTDOOR UNIT RECONNECT TO NEW ELECTRICAL CIRCUITS, REPLACE CONDUCTORS.
- 3 REINSTALL (X) FAN RECONNECT TO NEW ELECTRICAL CIRCUITS, REPLACE CONDUCTORS.
- 4 NEW WEATHERPROOF MOTOR RATED DISCONNECT.
- 5 PROVIDE FEEDERS PER ELECTRICAL SCHEDULE FOR MECHANICAL EQUIPMENT.
- (6) 3/4"C CONTROL CONDUIT PER MANUFACTURERS, PROVIDE CABLE AS REQUIRED.

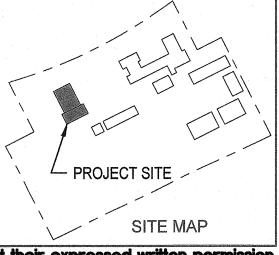
CONTROL SCHEDULE

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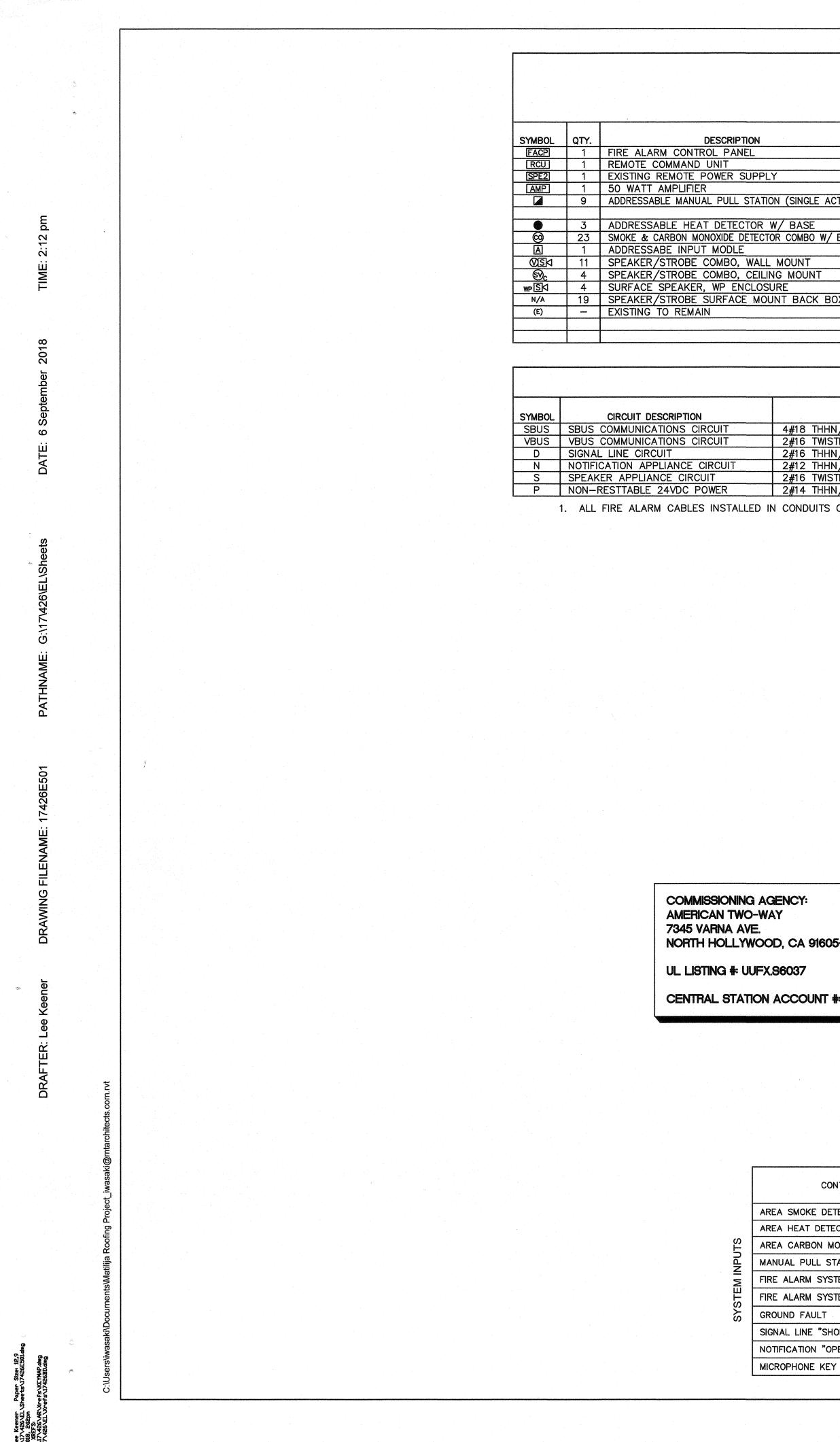
) THERMOSTAT. PELICAN - MODEL TS200. PROGRAMMABLE. INTERNET CONNECTIVITY. VERIFY LOCATION W/ ARCH.



TECTS



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FIRE ALARM MODERNIZATION LEGEND

	MODEL #	C.S.F.M. #	BACK BOX REQUIREMENTS	
	SILENT KNIGHT IFP-2100 ECS	7165-0559:0505	SURFACE MOUNT	
	SILENT KNIGHT ECS-RCU2000	7165-0559:0505	SURFACE MOUNT	
	SILENT KNIGHT RPS-1000	7165-0559:0505	EXISTSING TO REMAIN	
	SILENT KNIGHT ECS-50W	7165-0559:0505	SURFACE MOUNT	
N (SINGLE ACTION)	SILENT KNIGHT SD500-PS	7150-0559:0136	4" SQ. BOX W/ SINGLE GANG RING	
I/ BASE	SILENT KNIGHT SD505-AHS	7270-0559:0127	4" SQ. BOX W/ 3" ROUND RING	
R COMBO W/ BASE	SYSTEM SENSOR COSMO-4W	7275-16533:0227	4" SQ. BOX	
	SILENT KNIGHT SD500-MIM	7300-0559:0132	4" SQ. BOX	
MOUNT	GENTEX SSPK24WLPR	7320-0569:0140	GBLP-R BACKBOX	
G MOUNT	GENTEX SSPK24CLPR	7320-0569:0137	GBLP-R BACKBOX	
RE	GENTEX WSSPKR	7320-0569: 0141	GBLP-R BACKBOX	
NT BACK BOX	GENTEX GBLP-R	7320-0569:0141	SURFACE MOUNT	

WIRE CHART

WIRE/CONDUIT DESCRIPTION	CIRCUIT CLASS
4#18 THHN/THWN IN 3/4" CONDUIT	CLASS B
2#16 TWISTED SHIELDED AUDIO CABLE	CLASS B
2#16 THHN/THWN IN 3/4" CONDUIT	CLASS B
2#12 THHN/THWN IN 3/4" CONDUIT	CLASS B
2#16 TWISTED SHIELDED AUDIO CABLE	CLASS B
2#14 THHN/THWN IN 3/4" CONDUIT	CLASS B

1. ALL FIRE ALARM CABLES INSTALLED IN CONDUITS OUTDOOR AND UNDERGROUND SHALL BE "AQUA SEAL" (AQC) RATED.

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MATILIJA JUNIOR HIGH SCHOOL GYM AND LOCKER ROOM

FIRE ALARM MODERNIZATION

SCOPE OF WORK

PANEL

THIS PROJECT INCLUDES THE MODERNIZATION OF THE FIRE ALARM SYSTEM IN THE MATILIJA GYMNASIUM/LOCKER ROOM:

EXISTING FIRE ALARM SYSTEM IS ADDRESSABLE, PROVIDES TOTAL AUTOMATIC COVERAGE AND INCLUDES CONVENTIONAL OCCUPANT NOTIFICATION THROUGH SPEAKERS/STROBES.

PROPOSED SYSTEM WILL PRESERVE ALL INITIATING DEVICES AND REMOVE CONVENTIONAL SPEAKERS/STROBES WITH NEW EMERGENCY VOICE EVACUATION ALARM SYSTEM DEVICES AND WILL ADD CO DETECTION & MONITORING PER SECTION 915.

MAIN FIRE ALARM CONTROL PANEL IN GYM WILL HAVE TO BE REPLACED WITH A SILENT KNIGHT IFP-2100ECS TO INTEGRATE GYMNASIUM/LOCKER ROOM MODERNIZATION.

CONTRACTOR TO PROVIDE COMPLETE SITE SYSTEM FA TESTING AFTER REPLACEMENT OF MAIN FIRE ALARM

DSA REQUIRED NOTES

1. APPLICABLE STANDARD 2016 NFPA 72

2. INSTALLATION OF THE SYSTEMS SHALL NOT BE STARTED UNTIL DETAILED DESIGN DOCUMENTS AND SPECIFICATION, INCLUDING STATE FIRE MARSHAL LISTING NUMBERS FOR EACH COMPONENT OF THE SYSTEM HAS BEEN APPROVED BY DSA.

UPON COMPLETION OF THE INSTALLATION OF THE SYSTEMS, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF A DSA PROJECT INSPECTOR.

A STAMPED SET OF APPROVED FIRE ALARM DESIGN DOCUMENTS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION.

ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF DSA AND THE ARCHITECT/ENGINEER OF THE PROJECT.

DSA, ARCHITECT/ENGINEER AND OWNER SHALL BE NOTIFIED A MINIMUM OF 48 HOURS PRIOR TO THE FINAL INSPECTION AND/OR TESTING.

ALL PENETRATIONS THROUGH RATED ASSEMBLIES, REQUIRING OPENING PROTECTION SHALL BE PROVIDED WITH A PENETRATION FIRE STOP SYSTEM AS IDENTIFIED IN CBC CHAPTER 7, UL OR OTHER LAB TESTING CRITERIA. APPROVED TYPE OF MATERIALS SHALL BE IDENTIFIED WITHIN THE SPECIFICATION WITHIN THE FIRE ALARM SECTION.

WALL MOUNTED VISUAL NOTIFICATION DEVICES SHALL HAVE THEIR BOTTOMS MOUNTED AT 80" MINIMUM AND 96" MAXIMUM FROM FINISHED FLOOR.

WALL MOUNTED AUDIBLE NOTIFICATION DEVICES SHALL HAVE THEIR TOPS MOUNTED AT 90" MINIMUM AND 100" MAXIMUM FROM FINISHED FLOOR AND NO CLOSER THAN 6" TO A HORIZONTAL STRUCTURE.

AUDIBLE DEVICES TO BE AT LEAST 15 DBA ABOVE THE AVERAGE AMBIENT SOUND LEVEL BUT NOT LESS THAN 75 DBA AT 10 FEET OR MORE THAN 110 DBA AT THE MINIMUM HEARING DISTANCE. SOUND LEVEL SHALL BE MAINTAINED FOR DURATION OF AT LEAST 60 SECTIONS 5 DBA MUST BE MAINTAINED.

AUDIBLE DEVICES SHALL BE SYNCHRONIZED TEMPORAL CODE 3 PATTERN.

THE CONTRACTOR SHALL ADJUST/INSTALL ALL DEVICES TO MAXIMIZE PERFORMANCE AND TO MINIMIZE FALSE ALARMS.

VISUAL DEVICES SHOULD NOT EXCEED 2 FLASHES PER SECOND AND SHOULD NOT BE SLOWER THAN 1 FLASH EVERY SECOND. THE DEVICE SHALL HAVE A PULSING LIGHT SOURCE NOT LESS THAN 15 CANDELA VISUAL DEVICES WITHIN 55' FROM EACH OTHER SHALL BE SYNCHRONIZED.

UNDERGROUND AND EXTERIOR CONDUITS TO HAVE WATERTIGHT FITTINGS AND WIRE TO BE APPROVAL FOR WET LOCATIONS. ALL FIRE ALARM WIRING SHALL BE FLP OR FPLP (FIRE POWER LIMITED OR FIRE POWER LIMITED PLENUM)

AS REQUIRED FOR APPLICATION. WIRING IN CONDULT ABOVE GROUND MAY BE THHN OR THWN. PER CEC STANDARDS. ALL WIRING IS TO BE PULLED THROUGH EACH JUNCTION BOX AND CONNECTED

DIRECTLY TO EACH FIRE DEVICE. DO NOT SPLICE THE WIRE IN UNDERGROUND LOCATIONS. THERE MUST BE AT LEAST 6' OF LEAD WIRE FROM THE BOX TO THE DEVICE. ALL BOXES TO BE SIZED PER CEC.

SMOKE DETECTORS SHALL NOT BE ANY CLOSER THAN 1' FROM FIRE SPRINKLERS OR 3' FROM ANY SUPPLY DIFFUSER. IN AREA OF CONSTRUCTION OR POSSIBLE DAMAGE/CONTAMINATION ON NEWLY INSTALLED FIRE ALARM DEVICES SHALL BE COVERED UNTIL THAT AREA IS READY TO BE TURNED OVER TO THE OWNER.

ALL FIRE ALARM CIRCUITS SHALL BE IN CONDUIT, SURFACE RACEWAY OR OPEN RUN ABOVE CEILINGS, UNDER FLOORS AND IN WALLS IN A NEAT AND PROTECTED MANOR AS INDICATED ON DESIGN DOCUMENTS. EXPOSED CIRCUITS ARE ONLY PERMITTED WHEN NOTED AS EXPOSED ON DESIGN DOCUMENTS.

FIRE ALARM PANEL, REMOTES, AND COMPONENTS SHALL BE SECURED TO MOUNTING SURFACES PER MANUFACTURERS SPECIFICATIONS. NO SINGLE DEVICE SHALL EXCEED THE WEIGHT OF 20 LBS. WITHOUT SPECIAL MOUNTING DETAILS.

A DEDICATED BRANCH CIRCUIT SHALL BE PROVIDED FOR FIRE ALARM EQUIPMENT. THIS CIRCUIT SHALL BE ENERGIZED FROM THE COMMON USE AREA PANEL AND SHALL HAVE NO OTHER OUTLETS. THE BREAKER SHALL HAVE A RED LOCKING DEVICE TO BLOCK THE HANDLE IN THE "ON" POSITION. THE CIRCUIT BREAKER SHALL BE LABELED "FIRE ALARM CIRCUIT CONTROL". CIRCUIT ID TO BE LABELED AT FIRE PANEL/EXTENDERS.

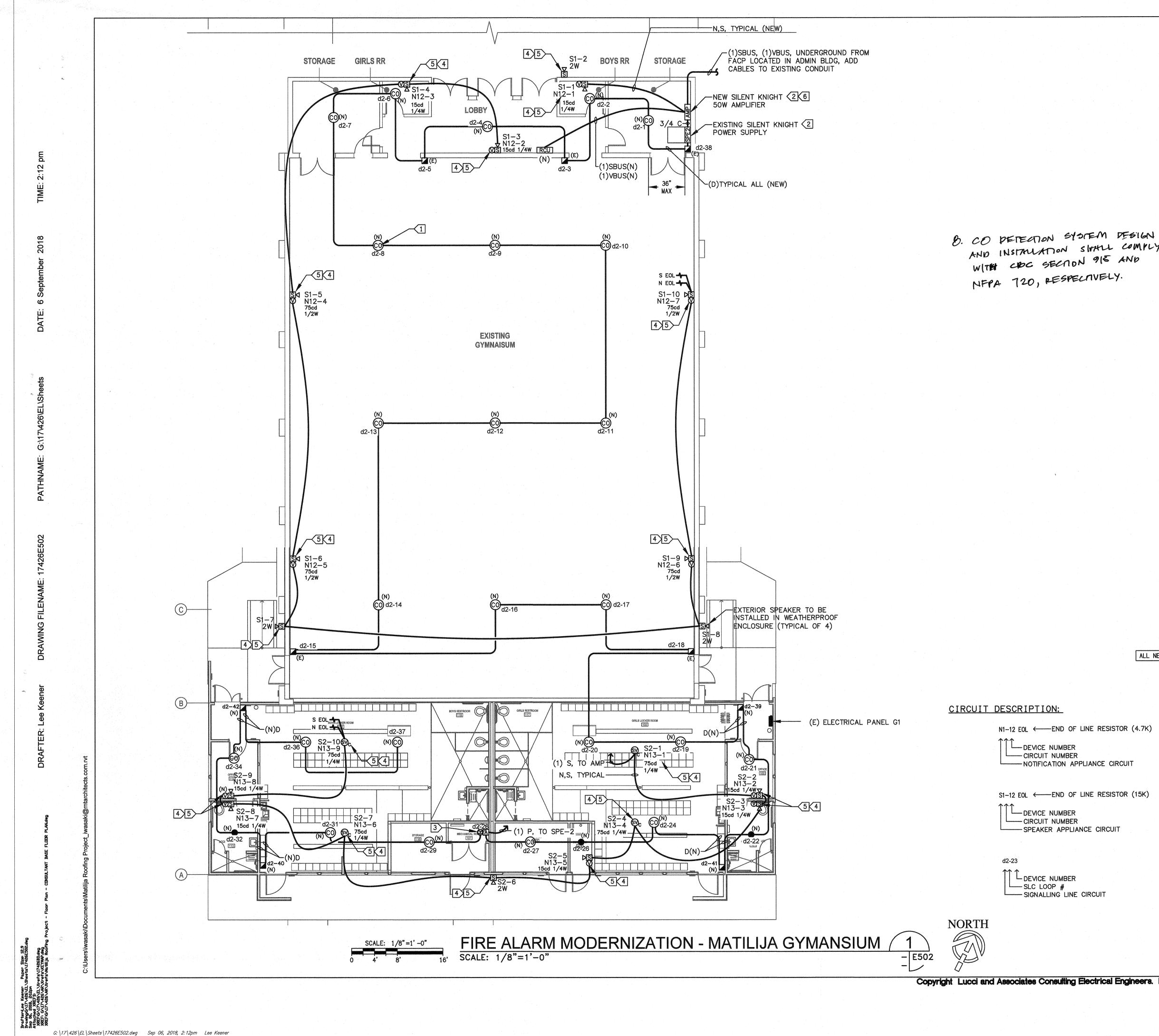
THE INSTALLING CONTRACTOR SHALL PROVIDE A RECORD OF COMPLETION PER NFPA 72, FIGURE 10.18.2.1.1.

CONTROL PANELS, REMOTE ANNUNCIATORS SHALL BE INSTALLED WITH THEIR BOTTOMS MOUNTED AT 48" THE INSTALLING CONTRACTOR SHALL PROVIDE SYSTEM PROGRAMMING FOR SUPERVISORY MONITORING PER CBC SECTION 901.6.2.

SUPERVISORY MONITORING SHALL BE TESTED AND VERIFIED AS SENDING CORRECT SIGNALS IN CONJUNCTION WITH FINAL ACCEPTANCE TEST.

OWNER SHALL BE RESPONSIBLE FOR ESTABLISHING A FIRE SYSTEM MONITORING CONTRACT OR PROVISIONS.

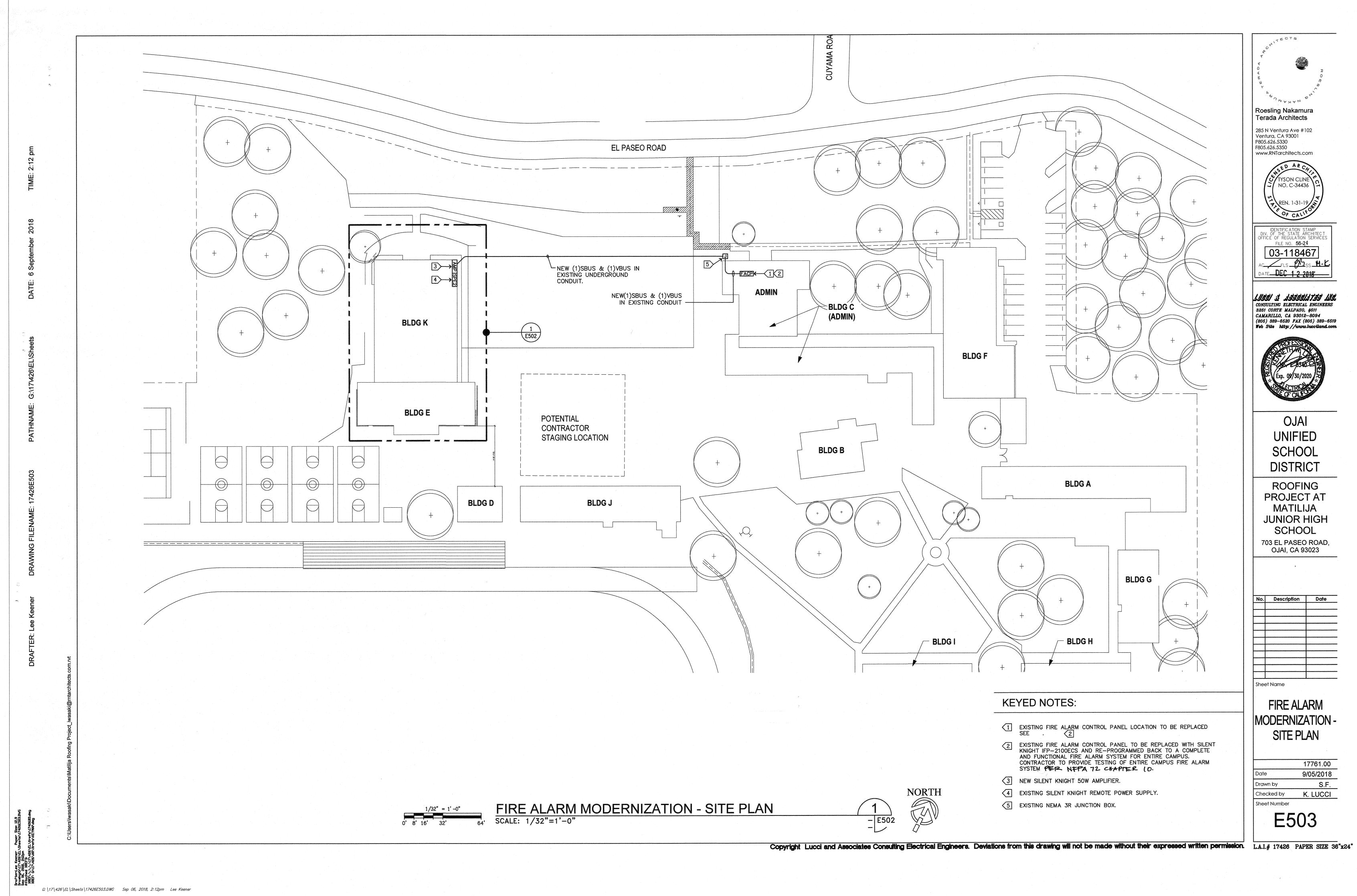
TECTS Roesling Nakamura Terada Architects 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLINE NO. C-34436 REN. 1-31-PF CAL DENTIFICATION STAMP)F THE STATE ARCHITEC FFICE OF REGULATION SERVICE FILE NO. 56-21 03-118467 AC FLS 05 SS P DATE DEC 1 2 2018 よりりけん ざ ふくすりけんしてます ふけり CONSULTING ELECTRICAL ENGINEERS 3251 CORTE MALPASO, #511 CAMARILLO, CA 93012-8094 (805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com OJAI UNIFIED **SCHOO** DISTRICT ROOFING **PROJECT AT** MATILIJA JUNIOR HIGH SCHOOL 703 EL PASEO ROAD, OJAI, CA 93023 No. Description Date Sheet Name FIRE ALARM COVER SHEE 17761.00 9/05/2018 Date Drawn by S.F. Checked by K. LUCCI Sheet Number E501



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FIELD AND A	ENCE BETWEEN THE EXISTING CONSTRUCTION AS OBSERVED IN THE AS SHOWN ON THE DRAWINGS SHALL BE REPORTED TO THE BEFORE PRECEDING WITH THE WORK.	и К С С
CONDITIONS DISCREPANC AND ACTUAL	CTOR IS RESPONSIBLE FOR VERIFYING ACTUAL FIRE ALARM REGARDLESS OF INFORMATION SHOWN ON THE DRAWINGS. IES BETWEEN CONDITIONS SHOWN OR NOT SHOWN ON DRAWINGS EXISTING CONDITIONS RELIEVE THE CONTRACTOR FROM	Roesling Nakamu
CONTRACT D 3. BIDDERS MU EXISTING FIR	ST VISIT THE BUILDING SITE AND FAMILIARIZE THEMSELVES WITH E ALARM CONDITIONS. THE INTENT OF THESE DRAWINGS AND	285 N Ventura Ave #1 Ventura, CA 93001 P805.626.5330
DETAIL AND	NS IS TO PROVIDE A FUNCTIONAL FIRE ALARM SYSTEM IN EVERY READY FOR OCCUPANCY.	F805.626.5350 www.RNTarchitects.co
EXISTING FIR	CTOR MUST BE SILENT KNIGHT FACTORY TRAINED AND QUALIFIED REPLACE AND RE-PROGRAM THE NEW FIRE ALARM CONTROL	TYSON CLIN NO. C-3443
	STING FIRE ALARM CONDUIT WHERE APPLICABLE	REN. 1-31-1
	LOCKER ROOM AREA DO NOT HAVE ANY ATTIC SPACE THEREFORE MPERATURE HEAT DETECTORS WERE ORIGINALLY PROVIDED.	IDENTIFICATION ST DIV. OF THE STATE AF OFFICE OF REGULATION
KEYED N	OTES:	FILE NO. 56-2
	INITIATING DEVICE/CONDUIT TO REMAIN. (TYPICAL)	ACFLS_615 DATEDEC_12
	RM EQUIPMENT IS POWERED FROM AN EXISTING DEDICATED CIRCUIT 'PANEL G1' WITH LOCK ON DEVICE AND PAINTED	LUCCI 3 13500 CONSULTING ELECTRICA 3251 CORTE MALPASO,
MECHANIC	BON MONOXIDE DETECTOR (COMBO DEVICE) PROVIDED FOR AL GAS HEATING APPLIANCE.	CAMARILLO, CA 93012 (805) 389-6520 FAX (Web Site http://www
	KER STROBES DEVICES ARE NEW & ARE TO BE MOUNTED -R' SURFACE MOUNT BACK BOXES. (TYPICAL)	O BROT ESS
	EXISTING 'HORN/STROBE' WITH NEW VOICE COMMUNICATION STROBE. (TYPICAL)	
6 INSTALL N	NEW SILENT KNIGHT 50W AMPLIFIER ADJACENT TO EXISTING	Exp. 09/30/20
SYMBOL	LEGEND:	
SYMBOLS:	AQUA SEAL CABLE IN CONDUIT BELOW GRADE	
	EXISTING INITIATING CIRCUIT TO REMAIN	DISTRI
	FIRE ALARM CABLE OR THHN IN CONDUIT ABOVE GRADE	
FACP	FIRE ALARM CONTROL PANEL	ROOFI
	REMOTE COMMAND UNIT	PROJEC MATILI
AMP SPE2	50 WATT AMPLIFIER EXISTING REMOTE POWER SUPPLY	JUNIOR
	ADDRESSABLE MANUAL PULL STATION	SCHO
	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR	703 EL PASEC OJAI, CA 9
	ADDRESSABLE HEAT DETECTOR	
— ©	SMOKE DETECTORS/CARBON MONOXIDE DETECTOR-COMBO DEVICE	
A	ADDRESSABLE INPUT MODULE	
	OUTDOOR SPEAKER W/ WEATHERPROOF ENCLOSURE	No. Description
() () () ()	SPEAKER STROBE, WALL MOUNT SPEAKER STROBE, CEILING MOUNT	
(E)	EXISTING DEVICE TO REMAIN	
(N)	NEW	······
WIRE LEGE	ND:	
	JS COMMUNICATIONS 6 TWISTED SHIELDED AUDIO CABLE IN CONDUIT	
	US COMMUNICATIONS 8 THHN/THWN IN CONDUIT	Sheet Name
-	TA LINE CIRCUIT 6 THHN/THWN IN CONDUIT	FIRE ALA
	TIFICATION APPLIANCE CIRCUIT 2 THHN/THWN IN CONDUIT	MODERNIZ
	EAKER APPLIANCE CIRCUIT 6 TWISTED SHIELDED AUDIO CABLE IN CONDUIT	GYMANS
2#1	VDC POWER CIRCUIT 4 THHN/THWN IN CONDUIT	1 Date 9
	ALARM CABLES INSTALLED IN CONDUITS OUTDOOR AND ROUND SHALL BE "AQUA SEAL" (AQC) RATED.	Drawn by Checked by k
		Sheet Number
		E50

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		STA	ND-BY	ALA	RM
EQUIPMENT	QTY.	CU	RRENT	CURI	RENT
		UNIT	TOTAL	UNIT	ΤΟΤΑ
FP-2100/ECS	1	0.230	0.230	0.415	0.415
RPS-1000	1	0.010	0.010	0.010	0.010
5815XL	1	0.055	0.055	0.125	0.125
5D500-PS	1	0.0003	0.000	0.0003	0.000
SD505-PHOTO	32	0.0003	0.010	0.0003	0.010
SD505-AHS	20	0.0003	0.006	0.0003	0.006
SD500-MIM	1	0.00035	0.000	0.00035	0.000
ECS-50W	1	0.010	0.010	0.010	0.01
ECS-VCM	1	0.070	0.070	0.070	0.070
NAC Circuit N1	1			1.112	1.11
NAC Circuit N2	1			1.090	1.09
NAC Circuit N3	1			0.979	0.97
TOTAL STANDBY AH REQUIRED TOTAL COMBINED AH REQUIRED MULTIPLY BY THE DERATING FACTOR	9.390 10.347 1.20	0.957	TOTAL ALARM	AH REQUIRED	
MINIMUM BATTERY AH REQUIRED BATTERY AH PROVIDED	12.416 18.000				
SPARE CAPACITY AH	5.584				
BATTER	RY CA	LCULAT	TIONS 'AN	1P'	
		ст	ND-BY	ALA	DNA
EQUIPMENT	QTY.		RRENT		RENT
					New Constant (1997)
ECS50W	1	0.085	0.085	UNIT 0.525	TOTA
#OF WATTS	13			0.040	0.52
		<u></u>			
TOTAL STANDBY CURRENT (AMPS)	0.085	1.045		CURRENT (AMP	
STANDY BY TIME IN HOURS TOTAL STANDBY AH REQUIRED	24 2.040	0.250 0.261	TOTAL ALARM	N MINUTES / 60 AH REQUIRED	(TO INIIN
TOTAL COMBINED AH REQUIRED	2.301				
MULTIPLY BY THE DERATING FACTOR MINIMUM BATTERY AH REQUIRED	1.20				
MINIMUM BATTERY AH REQUIRED	2.762				
	0 000				
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

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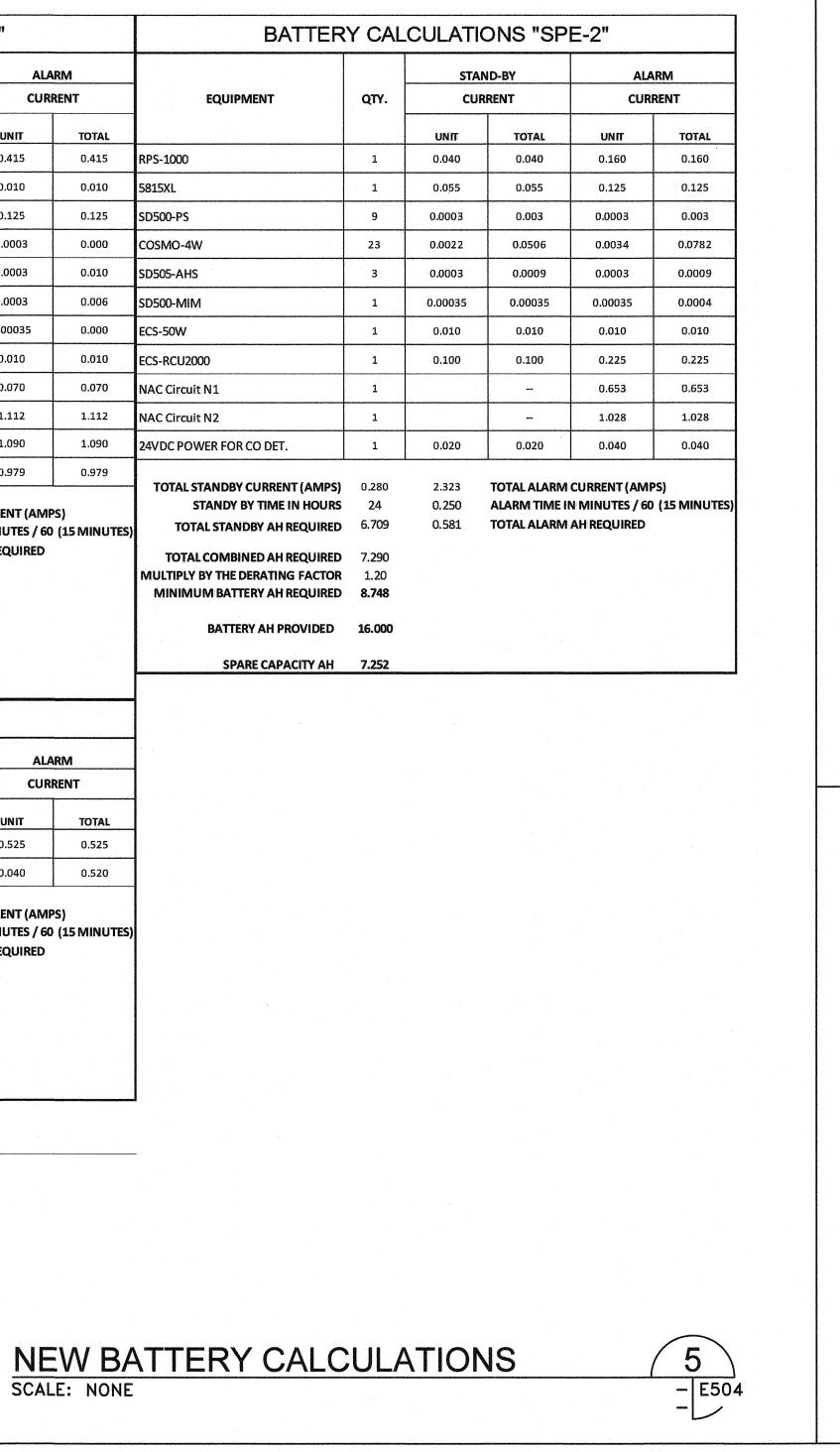
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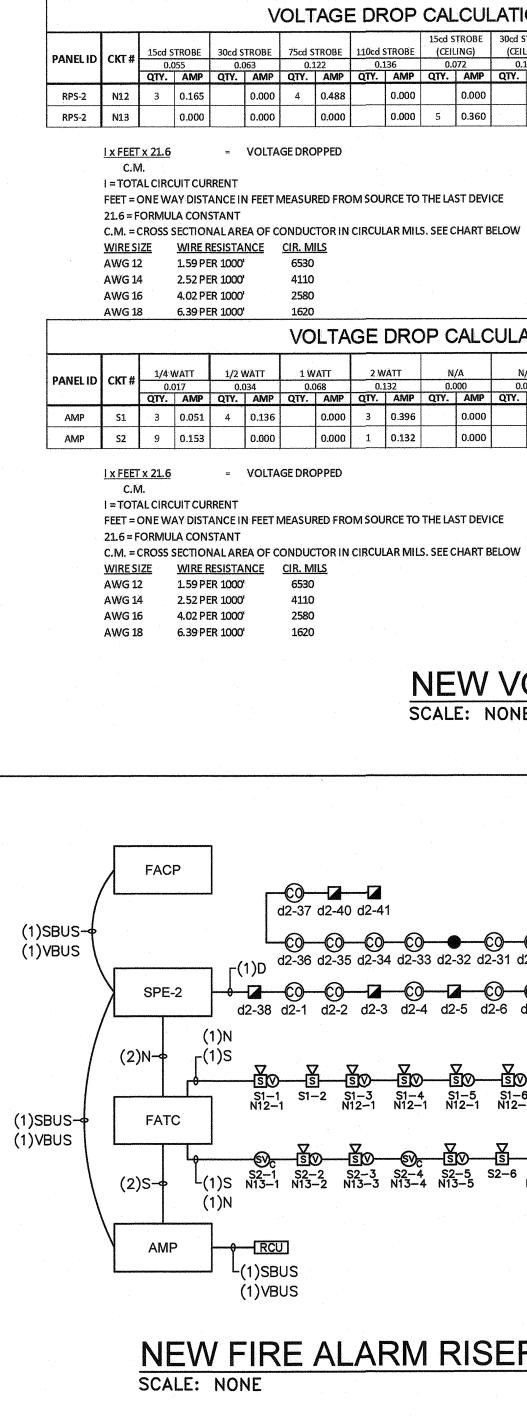
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SCALE: NONE





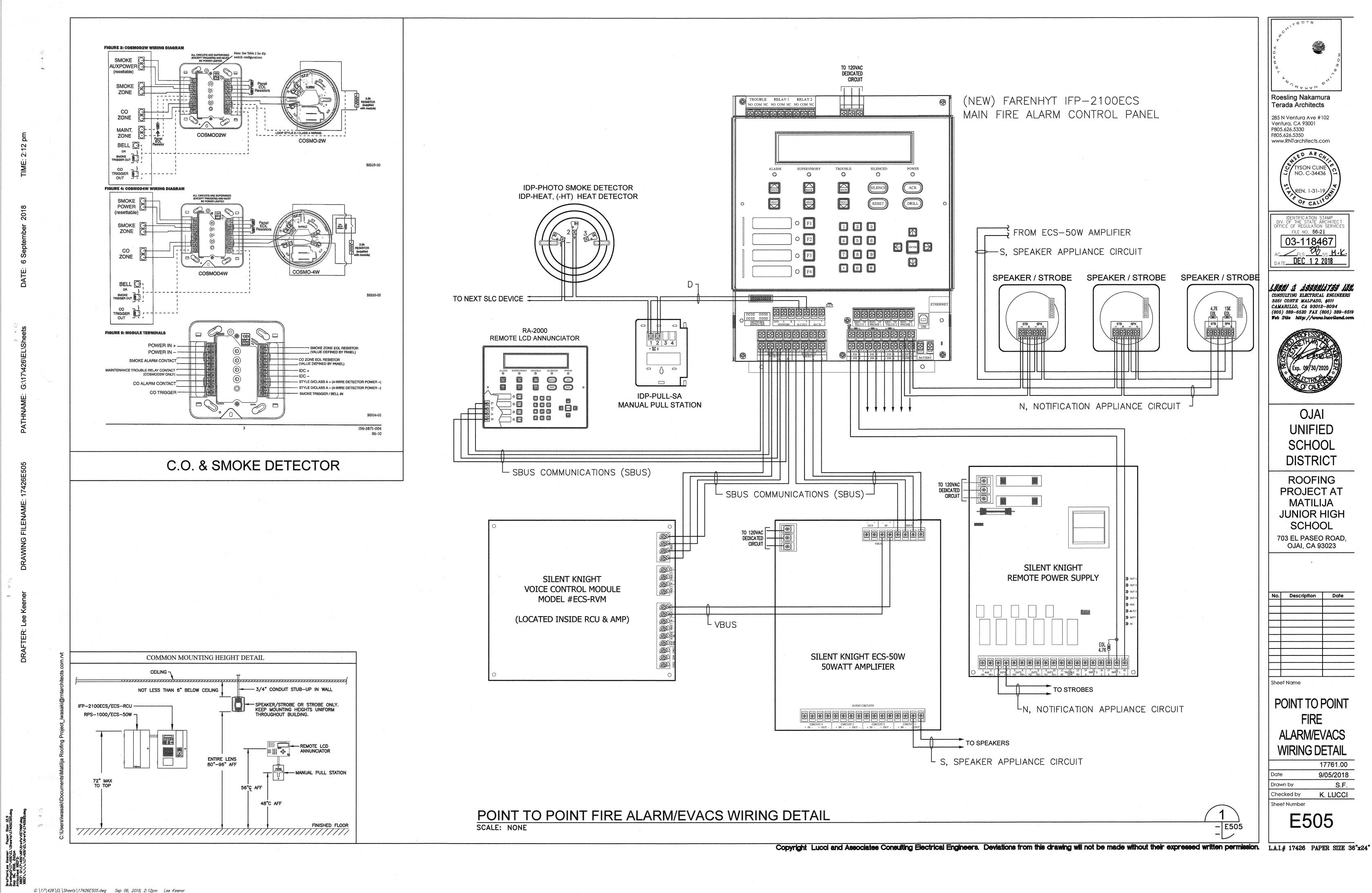
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QTY.	AMP	QTY.	AMP	QIY.	AMP	QTY,	AMP		Trimp			anternationscored					queeq	-			
	0.000		0.000		0.000		0.000	0.653	×	450	x	21.6	x	6530	=	0.972	÷	24	x	100	4.1
	0.000	4	0.668		0.000		0.000	1.028	×	425	x	21.6	x	6530	=	1.445	÷	24	x	100	6.0
	30cd S	30cd STROBE (CEIUNG) 0.101 QTY. AMP 0.000	30cd STROBE 75cd S (CEILING) (CEII 0.101 0.1 QTY. AMP QTY. 0.000 0.0000 0.0000	30cd STROBE 75cd STROBE (CEILING) (CEILING) 0.101 0.167 QTY. AMP QTY. 0.000 0.000	30cd STROBE 75cd STROBE (CEILING) (CEILING) 0.101 0.167 QTY. AMP 0.000 0.000	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A 0.101 0.167 0.000 QTY. AMP QTY. AMP 0.000 0.000 0.000	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A 0.101 0.167 0.000 0.0 QTY. AMP QTY. AMP QTY. 0.000 0.000 0.000 0.000	30cd STROBE 75cd STROBE N/A N/A (CEILING) (CEILING) N/A N/A 0.101 0.167 0.000 0.000 QTY. AMP QTY. AMP QTY. AMP 0.000 0.000 0.000 0.000 0.000	30cd STROBE (CEILING) 75cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A (I) TOTAL CURRENT 0,101 0.167 0.000 0.000 CURRENT QTY. AMP QTY. AMP QTY. AMP QTS. AMP 0.000 0.000 0.000 0.000 0.000 0.653	30cd STROBE (CEILING) 75cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A (I) TOTAL QTY. X 0.101 0.167 0.000 0.000 CURRENT QTY. AMP QTY. AMP QTY. AMP QTS. AMP 0.000 0.000 0.000 0.000 0.000 0.653 ×	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A (I) TOTAL 0.000 LENGTH FT. 0.101 0.167 0.000 0.000 CURRENT FT. QTY. AMP QTY. AMP QTY. AMP 2450 0.000 0.000 0.000 0.000 0.653 × 450	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A III III IIII IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A III IIII IIIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	(CELLING) (CELLING) N/A N/A N/A (1) TOTAL QTY. LENGTH FT. × 21.6 ÷ 0.101 0.167 0.000 0.000 0.000 CURRENT FT. × 21.6 ÷ QTY. AMP QTY. AMP QTY. AMP QTY. AMP 21.6 × 21.6 × 21.6 × 21.6 × 21.6 × × 21.6 × × 21.6 × × × 21.6 × × × 21.6 × × × × × × 21.6 ×	30cd STROBE (CEILING) 75cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A III TOTAL x LENGTH FT. x 21.6 x CIR MILS 14awg 0.101 0.167 0.000 0.000 0.000 CURRENT FT. x 21.6 x AMP QTY. AMP QTY. AMP QTY. AMP QTY. AMP X 21.6 x 6530 0.000 0.000 0.000 0.000 0.653 x 450 x 21.6 x 6530	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	30cd STROBE (CEILING) 75cd STROBE (CEILING) N/A N/A (I) TOTAL LENGTH FT. × 21.6 • CIR MILS 14awg VOLTS DROPPED 0.101 0.167 0.000 0.000 0.000 CURRENT volts 14awg • 0.000 0.972 QTY. AMP QTY. AMP QTY. AMP QTY. AMP 0.000 0.653 × 450 × 21.6 × 6530 = 0.972	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

ALC	ULA		NS ·	- SP	EAK	ER	APP	LIAN			RCU		S									
A 00 AMP	N/ 0.0 QTY.			/A 000		/A 000 AMP	N/ 0.0 QTY.	/A 000 AMP	(I) TOTAL CURRENT	x	LENGTH FT.	x	21.6	÷	CIR MILS 14awg	=	VOLTS DROPPED	÷	24{V)	x	100	% VOLTAGE DROP
0.000		0.000		0.000		0.000		0.000	0.583	x	450	x	21.6	x	2580	=	2.196	÷	24	x	100	9.2
0.000		0.000		0.000		0.000		0.000	0.285	x	425	x	21.6	x	2580	=	1.014	÷	24	x	100	4.2

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	•
2 d2-31 d2-30 d2-29 d2-28 d2-27 d2-26 d2-25 d2-24 d2-23 d2-22 d2-21 d2-20 d2-19 d2-39	No. Description Date
$\nabla \nabla \nabla \nabla \nabla \nabla = EOL$ $SV = SV = SV = SV = SAC - 1$ $SV = SV = SV = SI - 10$ $V = V = V = V$ $V = V = V = SV = SV = SV = SV = SV = SV$	Sheet Name FIRE ALARM CALCULATIONS & DISED DIACDAM
	RISER DIAGRAM
	Checked by K. LUCCI Sheet Number E504

TECTS 4 UMANAN Roesling Nakamura **Terada Architects** 285 N Ventura Ave #102 Ventura, CA 93001 P805.626.5330 F805.626.5350 www.RNTarchitects.com TYSON CLINE NO. C-34436 REN. 1-31 PF CAL IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES FILE NO. 56-21 03-118467 AC___FLS_BS_M.K. DATE DEC 1 2 2018 CONSULTING ELECTRICAL ENGINEERS 3251 CORTE MALPASO, #511 CAMARILLO, CA 93012-8094 (805) 389-6520 FAX (805) 389-6519 Web Site http://www.lucciland.com OJAI UNIFIED SCHOOL DISTRICT ROOFING **PROJECT AT**



Drafter: Lee Keener: G:\17\426\FL\Sheets\17426F505.dwg: DATE: SEP 06, 2018 TIME: 9:19 AM

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• REMOVE AND REPLACE ROOF OF GYMNASIUM (STANDING SEAM METAL) AND LOCKER ROOMS (SBS).

• REMODEL (E) LOCKER ROOMS TO PROVIDE ACCESSIBLE OFFICES, RESTROOMS AND SHOWERS.

• ROOFING MATERIALS SHALL BE PURCHASED BY THE SCHOOL DISTRICT AND INSTALLED BY THE CONTRACTOR.