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**ADDENDUM NUMBER THREE**  
**TO THE CONTRACT DOCUMENTS FOR CONSTRUCTION OF**  
**ORANGE BEACH RECREATION COMPLEX NEW ADULT FITNESS CENTER**  
**CITY OF ORANGE BEACH**

This addendum forms a part of the Contract Documents and modifies the Bid Documents dated February 14, 2020.

This Addendum consists of two (2) page Addendum, four (4) Specifications, & eight (8) full-size sheets.

**GENERAL**

**ITEM 01**      **BID DATE**

Original **BID DATE** of **MARCH 26, 2020** will now be **CHANGED** to **APRIL 16, 2020** with a **NOTICE OF AWARD** tentatively set to **APRIL 22, 2020**.

**SPECIFICATION**

**ITEM 01**      **SPECIFICATIONS REVISED**

**Reissued the following Specification(s)** in its entirety.

1. Section 011000 – SUMMARY
  - a. Revised Bid Date.
2. Section 033511 – CONCRETE FLOOR FINISHES
  - a. Depressed slab at sauna - removed concrete stain and low gloss clear coating and replaced with liquid densifier/hardener Type SCF.
3. Section 09 6700 – FLUID APPLIED FLOORING
  - a. Added Paragraph - 2.02 SETTING BED.
4. Section 101400 – SIGNAGE
  - a. Updated:
    1. Paragraph 2.01 – basis of design
  - b. Revised:
    1. Paragraph 2.02 – description of each sign type updated.
    2. Paragraph 2.03 – to include plaque information.
  - c. Added:
    1. Paragraph 2.02B
    2. Paragraph 2.03B

**DRAWINGS**

**ITEM 01**      **SHEET G101 – INDEX & GENERAL INFORMATION**

**Reissue Sheet** in its entirety.

1. Updated list of drawings to include sheet A530.

**ITEM 02**      **SHEET A101 – LEVEL 1 – FLOOR PLAN**

**Reissue Sheet** in its entirety.

1. Revised detail A1.
2. Added details A13, G13, G16, K13, and K16.

**ITEM 03**      **SHEET A300 – EXTERIOR ELEVATIONS**

**Reissue Sheet** in its entirety.

1. Revised Legend Type Marks on all elevations.



ITEM 04 SHEET A301 – EXTERIOR ELEVATIONS

**Reissue Sheet** in its entirety.

1. Revised Legend Type Marks on all elevations.

ITEM 05 SHEET A501 – ENLARGED PLANS & INTERIOR ELEVATIONS

**Reissue Sheet** in its entirety.

1. Added notes to details A1 and L11
2. Sauna floor notes revised on details A1, G1, G3, L1, L6, and L11

ITEM 06 SHEET A530 – INTERIOR DETAILS

**Added Sheet** in its entirety.

ITEM 07 SHEET A901 – LEVEL 1 – FINISH PLAN

**Reissue Sheet** in its entirety.

1. Added finish note at Sauna 01B and Sauna 02B.
2. Edited floor finish at Check-In 00 from RTF-1 to RSF-1.

ITEM 08 SHEET S101 – FOUNDATION AND LEVEL 1 PLAN

**Reissue Sheet** in its entirety.

1. Revised footing at Vestibule V00.

**END OF ADDENDUM**

## SECTION 01 1000

### SUMMARY

#### PART 1 GENERAL

##### 1.01 PROJECT

- A. Project Name: Orange Beach Recreation Complex New Adult Fitness Center, City of Orange Beach, Orange Beach, Alabama.
- B. Owner's Name: City of Orange Beach, Alabama.  
4099 Orange Beach Blvd. Telephone: 251 981-6979  
Orange Beach, Alabama 36561.  
Ken Grimes, Jr., City Administrator.  
Web Site: [www.orangebeachal.gov](http://www.orangebeachal.gov).  
Owner's Representative: Ken Grimes, Jr., City Administrator.  
Telephone: 251-981-6806.  
E-Mail: [kgrimes@orangebeachal.gov](mailto:kgrimes@orangebeachal.gov) / [reberly@orangebeachal.gov](mailto:reberly@orangebeachal.gov).
- C. Architect's Name: Davis Architects Inc.  
Architect's Address: 120 23rd Street South, Birmingham, Alabama 35233.  
Telephone: 205-322-7482.
- D. Additional Project contact information is specified in Section - 00 0103 - Project Directory.
- E. The Project consists of the construction of a new adult fitness center and related site development to the Orange Beach Recreation Complex. Construction will include a single storey 17500 square foot building..

##### 1.02 CONTRACT DESCRIPTION

- A. Contract Type: A single prime contract based on a Stipulated Price as described in Document 00 5000 - Contracting Forms and Supplements.
- B. Time Allotted for Completion:
  - 1. Based on a Bid Opening of April 16, 2020, it is anticipated that Contract will be awarded no later than April 22, 2020[. Notice to Proceed will be issued on or about May 4, 2020. Mobilization and construction shall begin shortly thereafter.
  - 2. The entire Work shall be Substantially Complete no later than March 6, 2021 by 5:00 PM on that day.
  - 3. See General Conditions and Supplementary Conditions for Liquidated Damage provisions.
- C. Drawings and Specifications: Drawings and Specifications are complementary, divisions and sections are arranged according to materials and functions and are not intended to be "trade" sections. These Specifications establish construction and material standards and techniques and do not necessarily cover all specific items of materials shown on the Drawings.
- D. Inspection of Job Site: Contractor acknowledges that he has visited the job site and examined the conditions for purposes of determining amount of work to be done.
  - 1. The contractor is expected to verify all dimensions and quantities necessary to complete project. The Contractor must contact the Architect to schedule site visit.
  - 2. All questions, clarifications, etc. should be addressed to Davis Architects, Attention Jeff Menasco, Project Manager or at e-mail address [jmenasco@dadot.com](mailto:jmenasco@dadot.com).
- E. Submittals: All submittals shall be addressed to Davis Architects, Inc., 120 Twenty-Third Street South, Birmingham Alabama 35233, Attention Jeff Menasco or at e-mail address [jmenasco@dadot.com](mailto:jmenasco@dadot.com).

##### 1.03 SALES TAX AGREEMENT

- A. Owner is a tax-exempt entity and does not pay sales or use tax. See Document 01 2976.16 - Sales and Use Tax Savings Requirements. Obtain Certificate of Exemption from Alabama Department of Revenue (ADOR). See also 00 7323.22 - Application for Sales and Use Tax Certificate of Exemption.

#### **1.04 DESCRIPTION OF ALTERATIONS WORK**

- A. Scope of demolition and removal work is indicated on drawings and specified in Section 02 4100.
- B. Scope of alterations work is indicated on drawings.

#### **1.05 WORK BY OWNER**

- A. Items noted NIC (Not in Contract) will be supplied and installed by Owner after Substantial Completion.

#### **1.06 OWNER OCCUPANCY**

- A. Time is of the essence of the Contract. In the event the Contractor shall, for any reason, fall behind schedule, he shall promptly put double shifts of labor on the Work and/or take such other steps as may be required to expedite the work to ensure that the Work shall be fully completed within the stated time and at no extra cost to the Owner.
- B. See Document 00 7300 - Supplemental General Conditions for Liquidated Damages provisions.
- C. Owner intends to occupy existing facilities surrounding the work area for the entire construction period. Adjacent areas outside construction site will be in use by the public.
- D. Owner intends to occupy the Project upon Substantial Completion.
- E. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- F. Schedule the Work to accommodate Owner occupancy.
  - 1. Notify Owner not less than 72 hours in advance of activities that will affect Owner's operations.

#### **1.07 CONTRACTOR USE OF SITE AND PREMISES**

- A. Examination of the Premises:
  - 1. The Contractor acknowledges that he has examined the premises and satisfied himself as to the existing conditions under which he will be obliged to operate in performing his part of the Work and that will in any way affect the Work under this Contract. No allowance will be made subsequently in this connection on behalf of the Contractor for any error or negligence on his part.
  - 2. Contractor acknowledges that he has examined all surfaces on which, or against which, work is to be applied and shall notify the Architect in writing of any defects that he may discover which, in his opinion, would be detrimental to the proper installation or operation of the Work. Commencing of work by Contractor denotes acceptance by Contractor of all conditions affecting the Work.
  - 3. Should the Contractor detect discrepancies between elements of the Contract Documents or between the Contract Documents and field conditions, Contractor shall promptly issue Request for Information (RFI) to Architect and obtain instructions prior to proceeding with affected work. Should Contractor proceed with the work prior to receiving instructions, he does so at his own risk.
- B. Construction Operations: Limited to areas noted on Drawings.
  - 1. Locate and conduct construction activities in ways that will limit disturbance to site.
  - 2. On-Site Work Hours: Work shall be generally performed during normal business working hours of 7:00 a.m. to 6:00 p.m., Monday through Friday.
- C. Access and Protection:
  - 1. Access, General: Utilize approved route to and from site as required by Owner.
  - 2. Truck and equipment access: Provide adequate protection for curbs and sidewalks over which trucks and equipment pass to reach the job site. Comply with all regulations and requirements of governmental authorities having jurisdiction.
  - 3. Protection of existing site features to remain: Provide adequate protection for existing site features to remain.

4. Maintain surrounding roads in a clean and safe condition. Clean all mud and debris from public streets and walks.
  5. Provide security fence around site of the work.
  6. Provide lockable fenced area for storage of materials and equipment.
- D. Alabama 811 - Call before you dig.
1. To utilize AL 811 services and comply with Alabama Law excavators shall call Alabama 811 at least 2 full days beginning next business day, excluding weekends and holidays, prior to commencing work.
  2. Contact Alabama 811 by calling 1-800-292-8525, or #DIG which is a free call with certain wireless providers. Approved users may notify AL 811's members through the remote ticket entry program: call811.com.
  3. Locate request will be valid for 20 days.
- E. Arrange use of site and premises to allow:
1. Owner occupancy.
  2. Work by Others.
  3. Work by Owner.
  4. Use of site and premises by the public.
- F. Provide access to and from site as required by law and by Owner:
1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
  2. Do not obstruct roadways, sidewalks, or other public ways without permit.
- G. Existing building spaces may not be used for storage.
- H. Utility Outages and Shutdown:
1. Do not disrupt or shut down life safety systems, including but not limited to fire sprinklers and fire alarm system, without 7 days notice to Owner and authorities having jurisdiction.
  2. Existing Utility Interruptions: Do not interrupt utilities serving facilities occupied by Owner or others unless permitted under the following conditions and then only after providing temporary utility services according to requirements indicated:
  3. Notify Architect not less than two days in advance of proposed utility interruptions.
  4. Obtain Owner's written permission before proceeding with utility interruptions.
  5. Prevent accidental disruption of utility services to other facilities.

#### **1.08 DRESS, CONDUCT AND DECORUM**

- A. Shirts and other proper clothing are required on the job.
- B. Clothing, stickers, bumper stickers, license tags and any other device which contains obscene works, symbols or messages which are offensive are expressly prohibited.
- C. Cursing, vulgar, obscene, flirtatious language, gestures manners, etc. will not be tolerated.
- D. It is desired to eliminate unnecessary shouting and any other unnecessary noise which may disturb the activities of the Church or its neighbors.
- E. No smoking shall be allowed within buildings or within 25 feet of a building entrances, operable windows or outside air intakes.
- F. Use and presence of alcoholic beverages, illegal substances, and firearms are not permitted on site.
- G. It is the responsibility of the General Contractor to provide a drug free work place.
- H. The General Contractor will be asked to remove any worker from the site whose behavior is unacceptable.
- I. Each project worker is to remain in the area of his assignment. Areas which are not associated with the construction, renovation or maintenance contracts or agreements are not to be entered without permission.

- J. All Contractor's personnel shall wear hard hats for the duration of the project. Each employee must wear ID badges that bear the company name, employee name and employee photo.

#### **1.09 WORK SEQUENCE**

- A. As soon as practicable after grading activities have progressed and areas not to be used for further construction are complete, stabilize and seed banks and cuts and seed flat graded areas to maximize growth of ground cover during continuing construction activities.
- B. Coordinate construction schedule and operations with Architect.

#### **1.10 CONSERVATION AND SALVAGE**

- A. Carry out construction operations with the maximum possible consideration given to conservation of energy, water, and materials. Wherever possible, salvage materials and equipment involved in the performance of the Work, but not incorporated therein.

#### **1.11 GOVERNING REGULATIONS, AUTHORITIES AND LABOR CONDITIONS**

- A. Contact governing authorities having relation to Contractor's responsibilities for performing the Work for necessary information and decisions having a bearing on the Work of this Contract.
- B. Obtain all necessary permits and approvals from authorities having jurisdiction and pay all necessary permit fees.
  - 1. The City of Orange Beach Alabama will NOT require a building permit fee for this project. NOTE THAT A BUILDING PERMIT MUST BE OBTAINED.
- C. Comply fully with all applicable rules and regulations governing health and safety of employees and the general public, including Occupational Safety and Health Administration regulations and Department of Labor, Bureau of Labor Standards "Safety and Health Regulations for Construction" as may be applicable to this project.
- D. Sediment and drainage control: Comply fully with City requirements for control of runoff water and sediment from the site and construction operations. Maintain sediment barriers at all times until stabilization of the site, including cleaning of all vehicles leaving the site.

#### **1.12 SPECIFICATIONS AND DRAWING CONVENTIONS**

- A. Specification Content: The Specifications use certain conventions for the style of language and the intended meaning of certain terms, words, and phrases when used in particular situations. These conventions are as follows:
  - 1. Imperative mood and streamlined language are generally used in the Specifications. The words "shall," "shall be," or "shall comply with," depending on the context, are implied where a colon (:) is used within a sentence or phrase.
  - 2. Specification requirements are to be performed by Contractor unless specifically stated otherwise.
- B. Division 01 General Requirements: Requirements of Sections in Division 01 apply to the Work of all Sections in the Specifications.
- C. Drawing Coordination: Requirements for materials and products identified on Drawings are described in detail in the Specifications. One or more of the following are used on Drawings to identify materials and products:
  - 1. Terminology: Materials and products are identified by the typical generic terms used in the individual Specifications Sections.
  - 2. Abbreviations: Materials and products are identified by abbreviations published as part of the U.S. National CAD Standard and scheduled on Drawing.

#### **PART 2 PRODUCTS - NOT USED**

#### **PART 3 EXECUTION - NOT USED**

**END OF SECTION**

**SECTION 03 3511**  
**CONCRETE FLOOR FINISHES**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Surface treatments for concrete floors and slabs.

**1.02 RELATED REQUIREMENTS**

- A. Section 03 3000 - Cast-in-Place Concrete: Finishing of concrete surface to tolerance; floating, troweling, and similar operations; curing.
- B. Section 03 3543.13 Polished and Dyed Concrete Finishing.

**1.03 ADMINISTRATIVE REQUIREMENTS**

- A. Coordinate the work with concrete floor placement and concrete floor curing.

**1.04 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's published data on each finishing product, including information on compatibility of different products and limitations.
- C. Maintenance Data: Provide data on maintenance and renewal of applied finishes.

**1.05 MOCK-UP**

- A. Mock-Up Size: 10 feet square.
- B. Locate where directed.
- C. Mock-up may remain as part of the work.

**1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in manufacturer's sealed packaging, including application instructions.

**1.07 FIELD CONDITIONS**

- A. Maintain light level equivalent to a minimum 200 W light source at 8 feet above the floor surface over each 20 foot square area of floor being finished.
- B. Do not finish floors until interior heating system is operational.
- C. Maintain ambient temperature of 50 degrees F minimum.

**PART 2 PRODUCTS**

**2.01 CONCRETE FLOOR FINISH APPLICATIONS**

- A. Liquid Densifier/Hardener:
  - 1. Use at following locations: Finish Schedule - Type SCF.

**2.02 DENSIFIERS AND HARDENERS**

- A. Liquid Densifier/Hardener: Penetrating chemical compound that reacts with concrete, filling the pores and dustproofing; for application to concrete after set.
  - 1. Composition: Lithium silicate.
  - 2. Products:
    - a. ARDEX Engineered Cements; ARDEX PC-50: [www.ardexamericas.com/#sle](http://www.ardexamericas.com/#sle).
    - b. Dayton Superior Corporation; Pentra-Hard Guard: [www.daytonsuperior.com/#sle](http://www.daytonsuperior.com/#sle).
    - c. Euclid Chemical Company; EUCO DIAMOND HARD: [www.euclidchemical.com/#sle](http://www.euclidchemical.com/#sle).
    - d. Kaufman Products Inc; SureHard LS: [www.kaufmanproducts.net/#sle](http://www.kaufmanproducts.net/#sle).
    - e. L&M Construction Chemicals, Inc, a subsidiary of Laticrete International, Inc; LiON HARD: [www.lmcc.com/#sle](http://www.lmcc.com/#sle).
    - f. Nox-Crete Products Group; Duro-Nox LS: [www.nox-crete.com/#sle](http://www.nox-crete.com/#sle).
    - g. PROSOCO, Inc; Consolideck LS: [www.prosoco.com/consolideck/#sle](http://www.prosoco.com/consolideck/#sle).
    - h. SpecChem, LLC; LithSeal SC: [www.specchemllc.com/#sle](http://www.specchemllc.com/#sle).

- i. W. R. Meadows, Inc; Liqui-Hard Ultra: [www.wrmeadows.com/#sle](http://www.wrmeadows.com/#sle).
- j. Substitutions: See Section 01 6000 - Product Requirements.

### **PART 3 EXECUTION**

#### **3.01 EXAMINATION**

- A. Verify that floor surfaces are acceptable to receive the work of this section.
- B. Verify that flaws in concrete have been patched and joints filled with methods and materials suitable for further finishes.

#### **3.02 GENERAL**

- A. Apply materials in accordance with manufacturer's instructions.

#### **3.03 COATING APPLICATION**

- A. Verify that surface is free of previous coatings, sealers, curing compounds, water repellents, laitance, efflorescence, fats, oils, grease, wax, soluble salts, residues from cleaning agents, and other impediments to adhesion.
- B. Verify that water vapor emission from concrete and relative humidity in concrete are within limits established by coating manufacturer.
- C. Protect adjacent non-coated areas from drips, overflow, and overspray; immediately remove excess material.
- D. Apply coatings in accordance with manufacturer's instructions, matching approved mock-ups for color, special effects, sealing and workmanship.

**END OF SECTION**



**SECTION 09 6700**  
**FLUID-APPLIED FLOORING**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Fluid-applied flooring.

**1.02 RELATED REQUIREMENTS**

- A. Section 07 9200 - Joint Sealants: Sealing joints between fluid-applied flooring and adjacent construction and fixtures.

**1.03 REFERENCE STANDARDS**

- A. ASTM F710 - Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring; 2011.
- B. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride; 2011.
- C. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes; 2016a.
- D. ICRI 310.2R - Selecting and Specifying Concrete Surface Preparation for Sealers, Coatings, Polymer Overlays, and Concrete Repair; 2013.

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A. Preinstallation Meeting: Conduct a preinstallation meeting one week prior to the start of the work of this section; require attendance by all affected installers.

**1.05 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns and colors available.
- C. Samples: Provide chip samples for each color group for selection prior to preparing flooring samples. Owner reserves the right to adjust color pallet at no additional charge.
- D. Flooring Samples: Submit two samples, 16 by 16 inch in size illustrating color and pattern for each floor material for each color specified.
- E. Concrete Subfloor Test Report: Submit a copy of the moisture and alkalinity (pH) test reports to Architect and flooring system manufacturer.
- F. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention, and required curing times.
- G. Manufacturer's Qualification Statement.
- H. Applicator's Qualification Statement.
- I. Maintenance Data: Include maintenance procedures, recommended maintenance materials, procedures for stain removal, repairing surface, and suggested schedule for cleaning.

**1.06 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with minimum ten years documented experience.
- B. Manufacturer Field Technical Service Representatives: Resinous flooring manufacture shall retain the services of Field Technical Service Representatives who are trained specifically on installing the system to be used on the project.
  - 1. Field Technical Services Representatives shall be employed by the system manufacturer to assist in the quality assurance and quality control process of the installation and shall be available to perform field problem solving issues with the installer.

- C. Applicator Qualifications: Company specializing in performing the work of this section.
  - 1. Applicators to be experienced in applying resinous flooring systems similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance
  - 2. Minimum five years of documented experience.
  - 3. Approved by manufacturer.
- D. Supervisor Qualifications: Trained by product manufacturer.

#### **1.07 MOCK-UP**

- A. Construct mock-up(s) of fluid applied flooring to serve as basis for evaluation of texture and workmanship.
- B. General:
  - 1. Use same materials and methods for use in the work.
  - 2. See Section 01 4000 - Quality Requirements for additional requirements.
  - 3. Obtain approval of mock-up by Architect before proceeding with work.
- C. Number of Mock-Ups to be Prepared: As follows.
  - 1. Mock up for Flooring Type PRF-1 and Type PRF-2:
    - a. Locate where directed.
    - b. Minimum Size: 48 inches square.
    - c. Approved mock up may remain a part of the Work.
- D. Obtain approval of mock-up by Architect before proceeding with work.

#### **1.08 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storage and mixing with other components.
- B. All materials used shall be factory pre-weighed and pre-packaged in single, easy to manage batches to eliminate on site mixing errors. No on site weighing or volumetric measurements allowed.
- C. Store resin materials in a dry, secure area. Store materials to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects.
- D. Store materials for three days prior to installation in area of installation to achieve temperature stability.

#### **1.09 FIELD CONDITIONS**

- A. Maintain minimum temperature in storage area of 50 to 90 degrees F. Keep out of direct sunlight. Keep resins, hardeners, and solvents separated from each other and away from sources of ignition.
- B. Store materials in area of installation for minimum period of 24 hours prior to installation.
- C. Maintain ambient temperature required by manufacturer 72 hours prior to, during, and 24 hours after installation of materials.
- D. Provide permanent lighting or, if permanent lighting is not in place, simulate permanent lighting conditions during resinous flooring application.
- E. Concrete substrate shall be properly cured for a minimum of 30 days. A vapor barrier must be present for concrete subfloors on or below grade. Otherwise, an osmotic pressure resistant grout must be installed prior to the resinous flooring

### **PART 2 PRODUCTS**

#### **2.01 MANUFACTURERS**

- A. Basis of Design: Sherwin Williams Company: General Polymers Brand; Decorative Mosaic Floor Coatings System: [www.generalpolymers.com](http://www.generalpolymers.com).

- B. Other Acceptable Manufacturers: Subject to requirements, provide equivalent products of the following manufacturers with written approval of Architect.
  - 1. Crossfield Products Corp: [www.crossfieldproducts.com](http://www.crossfieldproducts.com).
  - 2. Key Resin Company: [www.keyresin.com](http://www.keyresin.com).
  - 3. Stonhard, Inc: [www.stonhard.com](http://www.stonhard.com).
  - 4. Stratashield Div. Tnemec Company, Inc: [www.stratashield.com](http://www.stratashield.com).
  - 5. Substitutions: See Section 01 6000 - Product Requirements.
- C. Source Limitations: Obtain primary resinous flooring materials, including primers, resins, hardening agents, grouting coats, and topcoats, through one source from a single manufacturer. Provide secondary materials, including patching and fill material, joint sealant, and repair materials, of type and from source recommended by manufacturer of primary materials.

## 2.02 SETTING BED

- A. Waterproofing Membrane at Showers: Specifically designed for bonding to cementitious substrate under thick mortar bed or thin-set tile; complying with ANSI A118.10.
  - 1. Fluid or Trowel Applied Type:
    - a. Material: Synthetic rubber.
    - b. Thickness: 40 mils, minimum, dry film thickness.
    - c. Products:
      - 1) Custom Building Products; RedGard Crack Prevention and Waterproofing Membrane: [www.custombuildingproducts.com](http://www.custombuildingproducts.com).
      - 2) H.B. Fuller Construction Products Inc; TEC HydraFlex Waterproofing Crack Isolation Membrane: [www.tecspecialty.com/#sle](http://www.tecspecialty.com/#sle).
      - 3) LATICRETE International, Inc; LATICRETE HYDRO BAN: [www.laticrete.com/#sle](http://www.laticrete.com/#sle).
      - 4) Merkrete, by Parex USA, Inc; Merkrete Hydro Guard 2000: [www.merkrete.com/#sle](http://www.merkrete.com/#sle).
      - 5) Substitutions: See Section 01 6000 - Product Requirements.
- B. Mortar Bed Materials: Pre-packaged mix of Portland cement, sand, latex additive, and water.
  - 1. Products:
    - a. ARDEX Engineered Cements; A 38: [www.ardexamericas.com/#sle](http://www.ardexamericas.com/#sle).
    - b. LATICRETE International, Inc; LATICRETE 3701 Fortified Mortar Bed: [www.laticrete.com/#sle](http://www.laticrete.com/#sle).
    - c. Merkrete, by Parex USA, Inc; Merkrete Underlay C: [www.merkrete.com/#sle](http://www.merkrete.com/#sle).
    - d. Proflex Products, Inc; MSI - Mud Set Installation: [www.proflex.us/#sle](http://www.proflex.us/#sle).
    - e. Substitutions: See Section 01 6000 - Product Requirements.

## 2.03 FLUID-APPLIED FLOORING SYSTEMS

- A. Fluid-Applied Flooring Type PEF-X: Solvent based epoxy, moisture tolerant, with broadcast aggregate.
  - 1. Aggregate: Vinyl flakes.
  - 2. Texture: Slip resistant.
  - 3. System Thickness: 20 - 30 mils, nominal, when dry.
  - 4. Texture: Slip resistant.
  - 5. Sheen: Gloss.
  - 6. Flake Size: 1/4 inch.
  - 7. Flake Color:
    - a. Type PEF-1:
      - 1) SW6797 (45%).
      - 2) SW7018 (35%).
      - 3) SW7757 (20%)
    - b. Type PEF-2:

- 1) SW7015 (45%).
  - 2) SW7017 (35%)
  - 3) SW7757 (20%)
8. Primer:
    - a. Resin: Epoxy; two-component.
    - b. Formulation Description: 96 percent solids.
    - c. Application Method: Squeegee and roller.
    - d. Number of Coats: (1) one.
      - 1) 6 - 20 wet mils; 200-300 square feet per gallon.
    - e. Product: 3579 Epoxy Primer/Binder by General Polymers.
  9. Body Coats:
    - a. Resin: Epoxy 2 component.
    - b. Formulation Description: 99% volume solids.
    - c. Application Method: Squeegee or trowel; backroll with 3/8 inch nap roller.
    - d. Number of Coats: (1) One.
      - 1) 10 - 30 wet mils; 200 to 300 square feet per gallon.
    - e. Product: 3746 High Performance Epoxy by General Polymers.
  10. Broadcast: Vinyl Flake.
    - a. Formulation Description: Vinyl Flake.
    - b. Flake size and color indicated above.
    - c. Type: Tweed (chips to be pre-mixed at mfg. facility)
    - d. Finish: standard.
    - e. Number of Coats: one, broadcast to refusal into wet body coat.
  11. Grout Coat:
    - a. Resin: Epoxy 2 component.
    - b. Formulation Description: 99% volume solids.
    - c. Application Method: Squeegee or trowel; backroll with 3/8 inch nap roller.
    - d. Number of Coats: (1) One.
      - 1) 10 - 30 wet mils; 160 to 250 square feet per gallon.
    - e. Product: 3746 High Performance Epoxy by General Polymers.
  12. Topcoat: Sealing or finish coats.
    - a. Resin: Ultra High Solids Aliphatic Urethane.
    - b. Formulation Description: Two (2) component, UV stable, urethane, aliphatic isocyanate, 94 percent solids .
    - c. Type: Clear.
    - d. Finish: Gloss.
    - e. Wearing Surface: #60 grit white aluminum oxide in one of two topcoats.
    - f. Application Method: 1/4 inch nap roller.
    - g. Number of Coats: One (1).
      - 1) 4 - 6 wet mils per coat; 250 to 400 square feet per gallon.
    - h. Product: 4686 UHS Aliphatic Urethane by General Polymers.
  13. System Physical Properties: Provide resinous flooring system with the following minimum physical property requirements when tested according to test methods indicated:
    - a. Flexural Strength: 10,000 psi per ASTM C 580.
    - b. Impact Resistance: Direct, 160 in/lbs per MIL D3134J; reverse, inch pounds greater than 80, passes .
    - c. Abrasion Resistance: 100 mg maximum weight loss per ASTM D 4060 CS-17 Wheel, 1000 cycles.
    - d. Adhesion: 350 psi per ACI 503R (100% Concrete Failure).
    - e. Flammability: Self-extinguishing over concrete.
    - f. Resistance to elevated temperatures: No slip or flow at required temperature of 158F per MIL D3134J.

## **2.04 ACCESSORIES**

- A. Reinforcing Membrane: Flexible resin formulation that is recommended by manufacturer for substrate and primer and body coats indicated and that prevents substrate cracks from reflecting through resinous flooring.
- B. Subfloor Filler: Resinous product; type recommended by flooring material manufacturer.
- C. Primer: Type recommended by fluid-applied flooring manufacturer.
- D. Joint Sealant: Type recommended or produced by resinous flooring manufacturer for type of service and joint condition indicated.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that subfloor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive flooring.
- B. Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of materials to subfloor surfaces.
- C. Cementitious Subfloor Surfaces: Verify that substrates are ready for fluid-applied flooring installation by testing for moisture and alkalinity (pH).
  - 1. Test as Follows:
    - a. Alkalinity (pH): ASTM F710.
    - b. Internal Relative Humidity: ASTM F2170.
    - c. Moisture Vapor Emission: ASTM F1869.
  - 2. Obtain instructions if test results are not within limits recommended by fluid-applied flooring manufacturer.
- D. Verify that required floor-mounted utilities are in correct location.

### **3.02 PREPARATION**

- A. Remove subfloor ridges and bumps. Fill low spots, cracks, joints, holes, and other defects with subfloor filler.
- B. Roughen concrete substrates as follows:
  - 1. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.
  - 2. Comply with ASTM C 811 requirements unless manufacturer's written instructions are more stringent.
- C. Prepare concrete surfaces according to ICRI 310.2R.
- D. Apply, trowel, and float filler to achieve smooth, flat, hard surface. Grind irregularities above the surface level. Prohibit traffic until filler is cured.
- E. Vacuum clean substrate.
- F. Apply primer to surfaces required by flooring manufacturer.

### **3.03 INSTALLATION - SETTING BED AT SHOWERS**

- A. Waterproofing Membrane: Install as specified in ANSI A108.13 and manufacturer's instructions.
- B. Extend waterproofing minimum 6 inches up wall.
- C. Extend waterproofing material into drain clamp flange, apply adequate coating of liquid membrane to ensure clamp ring seal, and coordinate with drain installation requirements specified in Section 22 1006.
- D. Mortar Bed Thickness: 1 inch, unless otherwise indicated.
- E.

### **3.04 INSTALLATION - FLOORING**

- A. Apply in accordance with manufacturer's instructions.
  - 1. Coordinate application of components to provide optimum adhesion of resinous flooring system to substrate, and optimum intercoat adhesion.
  - 2. Cure resinous flooring components according to manufacturer's written instructions. Prevent contamination during application and curing processes.
  - 3. At substrate expansion and isolation joints, provide joint in resinous flooring to comply with resinous flooring manufacturer's written recommendations.
  - 4. Apply joint sealant to comply with manufacturer's written recommendations.
- B. Apply each coat to minimum thickness required by manufacturer.
- C. Finish to smooth level surface.
- D. Where directed, broadcast aggregate to refusal in strict accord with manufacturer's required procedures.
- E. Install flooring in recessed type floor access covers.

### **3.05 TERMINATIONS**

- A. Chase edges to "lock" the coating system into the concrete substrate along lines of termination.
- B. Penetration Treatment: Lap and seal coating onto the perimeter of the penetrating item by bridging over compatible elastomer at the interface to compensate for possible movement. Install thermal isolation construction detail where applicable and indicated in detail drawings.
- C. Trenches: Continue coating system into trenches to maintain monolithic protection. Treat cold joints to assure bridging of potential cracks.
- D. Treat floor drains by chasing the coating to lock in place at point of termination. Install thermal isolation construction detail where applicable and indicated in detail drawings.

### **3.06 JOINTS AND CRACKS**

- A. Treat control joints to bridge potential cracks and to maintain monolithic protection.
- B. Treat cold joints and construction joints to bridge potential cracks and to maintain monolithic protection on horizontal and vertical surfaces as well as horizontal and vertical interfaces.

### **3.07 FIELD QUALITY CONTROL**

- A. See Section 01 4000 - Quality Requirements, for additional requirements.
- B. Material Sampling: Owner may at any time and any numbers of times during resinous flooring application require material samples for testing for compliance with requirements.

### **3.08 PROTECTION**

- A. Prohibit traffic on floor finish for 48 hours after installation.
- B. Barricade area to protect flooring until fully cured.
- C. Protect resinous flooring materials from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials and method of application.

**END OF SECTION**

**SECTION 10 1400**  
**SIGNAGE**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Room and door signs.
- B. Building identification signs.
- C. Flat plate metal cut logo signage.
- D. Plaque.

**1.02 RELATED REQUIREMENTS**

- A. Section 22 0553 - Identification for Plumbing Piping and Equipment.
- B. Section 26 0553 - Identification for Electrical Systems.
- C. Section 26 5100 - Interior Lighting: Exit signs required by code.

**1.03 REFERENCE STANDARDS**

- A. 36 CFR 1191 - Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Architectural Barriers Act (ABA) Accessibility Guidelines; current edition.
- B. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design; 2010.
- C. ICC A117.1 - Accessible and Usable Buildings and Facilities; 2017.

**1.04 SUBMITTALS**

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's printed product literature for each type of sign, indicating sign styles, font, foreground and background colors, locations, overall dimensions of each sign.
- C. Signage Schedule: Provide information sufficient to completely define each sign for fabrication, including room number, room name, other text to be applied, sign and letter sizes, fonts, and colors.
  - 1. When room numbers to appear on signs differ from those on drawings, include the drawing room number on schedule.
  - 2. When content of signs is indicated to be determined later, request such information from Owner through Architect at least 2 months prior to start of fabrication; upon request, submit preliminary schedule.
  - 3. Submit for approval by Owner through Architect prior to fabrication.
- D. Samples: Submit two samples of each type of sign, of size similar to that required for project, illustrating sign style, font, and method of attachment.
- E. Selection Samples: Where colors are not specified, submit two sets of color selection charts or chips.
- F. Verification Samples: Submit samples showing colors specified.
- G. Manufacturer's Installation Instructions: Include installation templates and attachment devices.

**1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum five years of documented experience.

**1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Package signs as required to prevent damage before installation.
- B. Store tape adhesive at normal room temperature.

### 1.07 FIELD CONDITIONS

- A. Do not install tape adhesive when ambient temperature is lower than recommended by manufacturer.
- B. Maintain this minimum temperature during and after installation of signs.

## PART 2 PRODUCTS

### 2.01 MANUFACTURERS

- A. Flat Signs:
  - 1. Basis of Design: 2/90 Sign Systems; Klik Sign System: [www.290signs.com](http://www.290signs.com).
  - 2. Other Acceptable Manufacturers:
    - a. Best Sign Systems, Inc: [www.bestsigns.com](http://www.bestsigns.com).
    - b. Coastal Sign Concepts LLC: [coastalsignconcepts.com](http://coastalsignconcepts.com).
    - c. Cosco Industries : [www.coscoarchitecturalsigns.com](http://www.coscoarchitecturalsigns.com).
    - d. Leeds Architectural Letters, Inc: [www.leedsletters.com](http://www.leedsletters.com).
    - e. Mohawk Sign Systems, Inc: [www.mohawksign.com](http://www.mohawksign.com).
  - 3. Substitutions: See Section 01 6000 - Product Requirements.
- B. Dimensional Letter, Fabricated and Cut Flat Plate Signs:
  - 1. A.R.C. Ramos Signage Systems: [www.arcramos.com](http://www.arcramos.com)
  - 2. Cosco Industries: [www.coscoarchitecturalsigns.com](http://www.coscoarchitecturalsigns.com).
  - 3. Leeds Architectural Letters, Inc: [www.leedsletters.com](http://www.leedsletters.com).
  - 4. Woodland Manufacturing Co: [www.woodlandmanufacturing.com](http://www.woodlandmanufacturing.com).
  - 5. Coastal Sign Concepts LLC: [coastalsignconcepts.com](http://coastalsignconcepts.com).
  - 6. Substitutions: See Section 01 6000 - Product Requirements.
- C. Plaques:
  - 1. A.R.K. Ramos Architectural Signage Systems; Cast Bronze Plaque: [www.arkramos.com/#sle](http://www.arkramos.com/#sle).
  - 2. Cosco Industries; Cast Bronze: [www.coscoarchitecturalsigns.com/#sle](http://www.coscoarchitecturalsigns.com/#sle).
  - 3. Substitutions: See Section 01 6000 - Product Requirements.

### 2.02 SIGNAGE APPLICATIONS

- A. Accessibility Compliance: Signs are required to comply with ADA Standards and ICC A117.1 and applicable building codes, unless otherwise indicated; in the event of conflicting requirements, comply with the most comprehensive and specific requirements.
- B. Individual Signage; Provide signage as follows. Room numbers, room names and exact wording and graphic content of signage will be determined by Owner at a later date. Confirm final wording and number of signs required prior to purchase.
  - 1. Sign Type 1:
    - a. Size: 6 by 6 inches.
      - 1) Insert A:
        - (a) 2 by 6 inch ADA.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size: 5/8 inch oriented left.
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
      - 2) Insert B:
        - (a) 4 by 6 inch non-ADA.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size: 5/8 inch oriented lower left.
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
  - 2. Sign Type 2:
    - a. Size: 8 by 6 inches.



- 1) Insert A:
    - (a) 6 by 6 inch non-ADA.
    - (b) Color: Metallics 158 Graphite.
    - (c) Character Size: 4-1/2 inch oriented center.
    - (d) Character Style: International service symbol.
    - (e) Copy Color: Prisms 708 Soft White.
  - 2) Insert B:
    - (a) 2 by 6 inch ADA.
    - (b) Color: Metallics 158 Graphite.
    - (c) Character Size: 5/8 inch oriented center.
    - (d) Character Style: Arial.
    - (e) Copy Color: Prisms 708 Soft White.
  3. Sign Type 3:
    - a. Size: 4 by 6 inches.
      - 1) Insert A:
        - (a) 4 by 6 inch non-ADA.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size: 1/2 inch oriented center.
        - (d) Character Style: International service symbol.
        - (e) Copy Color: Prisms 708 Soft White.
  4. Sign Type 4:
    - a. Size: 15 by 8-1/2 inches.
      - 1) Insert A:
        - (a) 3 by 8-1/2 inch non-ADA.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size: 1 inch oriented center.
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
      - 2) Insert B:
        - (a) 12 by 8-1/2 inch window.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size:
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
  5. Sign Type 5 - Evacuation Plan: 4 type 5 signs required. Evacuation plan graphics will be provided by Architect.
    - a. Size: 15 by 17 inches.
      - 1) Insert A:
        - (a) 3 by 17 inch non-ADA.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size: 1 inch oriented center.
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
      - 2) Insert B:
        - (a) 12 by 17 inch window.
        - (b) Color: Metallics 158 Graphite.
        - (c) Character Size:
        - (d) Character Style: Arial.
        - (e) Copy Color: Prisms 708 Soft White.
- C. Plaque: 16 inch diameter etched brass plaque of City of Orange Beach Logo.
1. See drawings. Electronic images of logos will be provided.
  2. Mounting: Pin mounted.
  3. Mounting Standoffs: Provide 1 inch standoffs.

## **2.03 PLAQUES**

- A. Exterior Metal Plaque/Logo:
  - 1. Metal: Brass sheet, flat, etched.
  - 2. Metal Thickness: 1/4 inch, minimum.
  - 3. Size: 16 inch diameter
  - 4. Image: City of Orange Beach logo. Electronic image will be provided.
  - 5. Border Style: Straight edge (no border).
  - 6. Protective Coating: Manufacturer's standard clear coating.
  - 7. Mounting: Pin mounted, 1 inch standoff..
- B. Interior Metal Plaque:
  - 1. Metal: Bronze casting.
  - 2. Metal Thickness: 1/4 inch, minimum.
  - 3. Size: 24 inches by 24 inches.
  - 4. Text and Typeface:
    - a. Character Font: Helvetica, Arial, or other sans serif font.
    - b. Character Case: Upper and lower case (title case).
    - c. Character Color: Contrast with background color.
    - d. Exact text will be determined by Owner at a later date.
  - 5. Border Style: Single line bevel edge.
  - 6. Background Texture: Pebble.
  - 7. Surface Finish: Brushed, satin.
  - 8. Painted Background Color: Light oxide stain.
  - 9. Protective Coating: Manufacturer's standard clear coating.
  - 10. Mounting: Blind studs.

## **2.04 DIMENSIONAL LETTERS**

- A. Metal Letters:
  - 1. Metal: Aluminum sheet, flat.
  - 2. Metal Thickness: 1/4 inch minimum.
  - 3. Letter Height: As indicated on drawings.
  - 4. Text and Typeface:
    - a. Character Font: Helvetica, Arial, or other sans serif font.
  - 5. Finish: Brushed, satin.
  - 6. Mounting: Pin mounted, 1 inch standoff.

## **2.05 ACCESSORIES**

- A. Stand-Offs: 1 inch natural matte finish aluminum stand-offs.
- B. Exposed Screws: Chrome plated.
- C. Tape Adhesive: Double sided tape, permanent adhesive.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify that substrate surfaces are ready to receive work.

### **3.02 INSTALLATION**

- A. Install in accordance with manufacturer's instructions.
- B. Install neatly, with horizontal edges level.
- C. Locate signs and mount at heights indicated on drawings and in accordance with ADA Standards and ICC A117.1.
- D. Protect from damage until Substantial Completion; repair or replace damaged items.

**END OF SECTION**

Orange Beach Recreational Complex New Adult Fitness Center  
City of Orange Beach  
Orange Beach, Alabama

February 14, 2020  
DAI 3891.02  
Addendum No. 3, March 24 2020

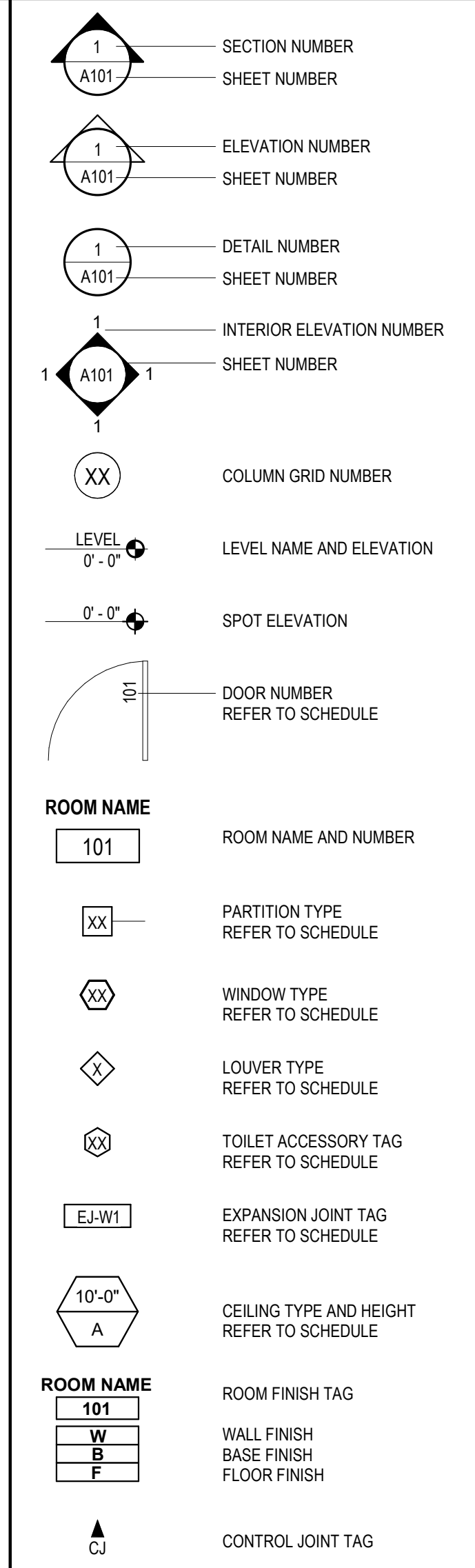
**ABBREVIATIONS**

AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADAAG	ADA ACCESSIBILITY GUIDELINES
ADD'N	ADDITION
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
BD	BOARD
BRNG	BEARING
CAB	CABINET
CJ	CONTROL JOINT
CL	CENTER LINE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CT	CERAMIC TILE
DR	DOOR
DWG	DRAWING
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC
EO	EDGE OF
EQ	EQUAL
EQUIP	EQUIPMENT
ERD	EMERGENCY ROOF DRAIN
EWC	ELECTRIC WATER COOLER
EXS	EXISTING
EXT	EXTERIOR
FAMAB	FLUID APPLIED MEMBRANE AIR BARRIER
FD	FLOOR DRAIN
FEC	FIRE EXTINGUISHER CABINET
FEX	FIRE EXTINGUISHER
FIN	FINISH
FLG	FLOORING
FLUOR	FLUORESCENT
FND	FOUNDATION
FOF	FACE OF FINISH
FRT	FIRE RETARDANT TREATED
GA	GAUGE
GLS	GLASS
GR	GRADE
GYP	GYP SUM
GYP BD	GYP SUM BOARD
HC	HANDICAPPED
HM	HOLLOW METAL
HORZ	HORIZONTAL
HPC	HIGH PERFORMANCE COATING
HT	HEIGHT
I D	INSIDE DIAMETER
IBC	INTERNATIONAL BUILDING CODE
INSUL	INSULATION
J.B.	JOIST BEARING
JAN	JANITOR
LAM	LAMINATE
LAV	LAVATORY
M.O.	MASONRY OPENING
MAX	MAXIMUM
MED	MEDIUM
MIL	MILLIMETER
MIN	MINIMUM
MR	MOISTURE RESISTANT
MTL	METAL
NIC	NOT IN CONTRACT
NO.	NUMBER
O C	ON CENTER
O D	OUTSIDE DIAMETER
OH	OPPOSITE HAND
OPP.	OPPOSITE
PART	PARTITION
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PROJ	PROJECT
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
R.O.	ROUGH OPENING
RD	ROOF DRAIN
RDL / RL	ROOF DRAIN LEADER
REQ'D	REQUIRED
RFG	ROOFING
S C	SOLID CORE
S S	STAINLESS STEEL
SAFF	SELF ADHERED FLEXIBLE FLASHING
SECT	SECTION
SIM	SIMILAR
STL	STEEL
T O	TOP OF
TEL	TELEPHONE
TEMP	TEMPORARY
THK	THICK
TOM	TOP OF MASONRY
TOS	TOP OF STEEL
TYP.	TYPICAL
UNO	UNLESS NOTED OTHERWISE
V.I.F	VERIFY IN FIELD
VERT	VERTICAL
VEST	VESTIBULE
WD	WOOD
WG	WIRE GLASS

**LIST OF DRAWINGS**

<b>GENERAL</b>	
G100	COVER SHEET
G101	INDEX & GENERAL INFORMATION
G102	GENERAL NOTES
G103	PROJECT STANDARDS
G110	BUILDING PERSPECTIVES
G111	BUILDING PERSPECTIVES
G112	BUILDING PERSPECTIVES
<b>LIFE SAFETY</b>	
LS001	CODE STUDY
LS101	LIFE SAFETY PLAN
<b>CIVIL</b>	
C100	CIVIL CONSTRUCTION NOTES
C200	EXISTING CONDITIONS & REMOVAL PLAN
C300	GRADING & DRAINAGE PLAN
C400	UTILITY PLAN
C500	EROSION CONTROL PLAN
C600	EROSION CONTROL DETAILS
C700	CIVIL CONSTRUCTION DETAILS - 1
C701	CIVIL CONSTRUCTION DETAILS - 2
C800	SEWER FORCE MAIN DETAILS
C801	GRINDER PUMP DETAILS
C900	WATER LINE DETAILS - 1
C901	WATER LINE DETAILS - 2
<b>DEMOLITION</b>	
D001	DEMOLITION & SITE STAGING PLAN
<b>ARCHITECTURAL</b>	
A001	ARCHITECTURAL SITE PLAN
A002	SITE DETAILS
A003	SITE DETAILS
A004	SITE DETAILS
A101	LEVEL 1 - FLOOR PLAN
A101D	LEVEL 1 - DIMENSION PLAN
A101F	LEVEL 1 - FFE FLOOR PLAN
A200	PARTITION SCHEDULE
A202	ROOF PLAN & ROOF DETAILS
A260	DOOR SCHEDULE AND ELEVATIONS
A300	EXTERIOR ELEVATIONS
A301	EXTERIOR ELEVATIONS
A320	BUILDING SECTIONS
A321	BUILDING SECTIONS
A322	BUILDING SECTIONS
A323	BUILDING SECTIONS
A350	WALL SECTIONS
A351	WALL SECTIONS
A352	WALL SECTIONS
A353	WALL SECTIONS
A400	ENLARGED RESTROOM PLANS & ELEVATIONS
A500	ENLARGED PLANS & INTERIOR ELEVATIONS
A501	ENLARGED PLANS & INTERIOR ELEVATIONS
A502	INTERIOR ELEVATIONS
A503	INTERIOR ELEVATIONS
A601	LEVEL 1 - REFLECTED CEILING PLAN
A650	ENLARGED ROP & CEILING DETAILS
A800	PLAN DETAILS
A901	LEVEL 1 - FINISH PLAN
A910	FINISH LEGEND
<b>STRUCTURAL</b>	
S001	GENERAL NOTES
S002	TYPICAL DETAILS
S101	FOUNDATION AND LEVEL 1 PLAN
<b>MECHANICAL</b>	
M100	HVAC NOTES, SCHEDULES, LEGENDS
M101	LEVEL 1 - HVAC PLAN
M102	HVAC DETAILS
<b>PLUMBING</b>	
P100	PLUMBING NOTES, SCHEDULES, LEGENDS
P101	LEVEL 1 PLUMBING PLAN
P200	SANITARY PLAN
<b>ELECTRICAL</b>	
E100	ELECTRICAL LEGENDS, NOTES, SCHEDULES
E101	ELECTRICAL SITE PLAN
E102	LEVEL 1 - POWER PLAN
E103	ELECTRICAL DETAILS
E201	LEVEL 1 - LIGHTING PLAN
E301	LEVEL 1 - SYSTEMS PLAN
E302	SYSTEMS PLAN DETAILS
E400	RISER DIAGRAM
E401	PANEL SCHEDULES
<b>FIRE PROTECTION</b>	
F100	FIRE PROTECTION LEGENDS, NOTES, SCHEDULES
F101	LEVEL 1 - FIRE PROTECTION PLAN
F102	LEVEL 1 - FIRE ALARM PLAN

**SYMBOLS LEGEND**



**APPLICABLE CODES**

- 2018 (IBC) INTERNATIONAL BUILDING CODE
- 2018 (IPC) INTERNATIONAL PLUMBING CODE
- 2018 (IGC) INTERNATIONAL FUEL GAS CODE
- 2018 (IMC) INTERNATIONAL MECHANICAL CODE
- 2017 (NEC) NATIONAL ELECTRICAL CODE
- 2018 (IFC) INTERNATIONAL FIRE CODE
- 2018 (IFC) INTERNATIONAL FIRE CODE
- 2013 NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72)
- ANSI/ASHRAE/IESNA STANDARD 90.1-2013 ENERGY STANDARD FOR BUILDINGS EXCEPT LOW-RISE RESIDENTIAL
- ANSI A117.1 - 2018 ACCESSIBLE AND USABLE BUILDINGS
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

**PROJECT ALTERNATES**

- ALTERNATE #1**  
PROVIDE ACOUSTICAL WALL PANELS(SOUND ABSORBING WALL AND CEILING UNITS) INSIDE OF THE NEW WEIGHT ROOM - SEE FFE PLAN, INTERIOR ELEVATIONS, ENLARGED ELEVATIONS, INTERIOR DETAILS, FINISH LEGENDS FINISH PLANS AND SPECIFICATIONS
- ALTERNATE #2**  
PROVIDE PLASTIC WALL PANELS (WALL AND CORNER GUARDS) INSIDE OF THE NEW WEIGHT ROOM - SEE FFE PLAN, INTERIOR ELEVATIONS, ENLARGED ELEVATIONS, INTERIOR DETAILS, FINISH LEGENDS FINISH PLANS AND SPECIFICATIONS

**NEW ADULT FITNESS CENTER PLUMBING FIXTURES**

USE CLASSIFICATION	REQUIRED WATER CLOSETS		REQUIRED LAVATORIES		REQUIRED DRINKING FOUNTAINS	SERVICE SINK
	MALE	FEMALE	MALE	FEMALE		
(A) ASSEMBLY (A-3)	1 PER 125	1 PER 65	1 PER 200	1 PER 500	1	

OCCUPANCY GROUP	EXISTING & NEW OCCUPANCY LOAD	WATER CLOSETS		LAVATORIES		DRINKING FOUNTAINS	SERVICE SINKS
		M	F	M	F		
ASSEMBLY (A)	408	1.6	3.1	1.02	1.02	0.82	1 PER FLOOR
	204 M / 204 F						
	REQUIRED	2	4	2	2	1	1 PER FLOOR
	PROVIDED FIXTURES	4	4	2	2	4	1

**ADULT FITNESS CENTER SF/OCC. STUDY**

**FLOOR AREAS**

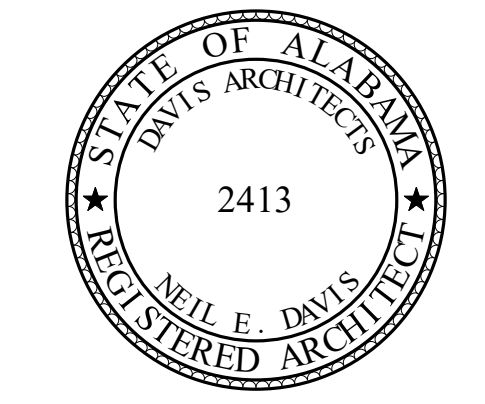
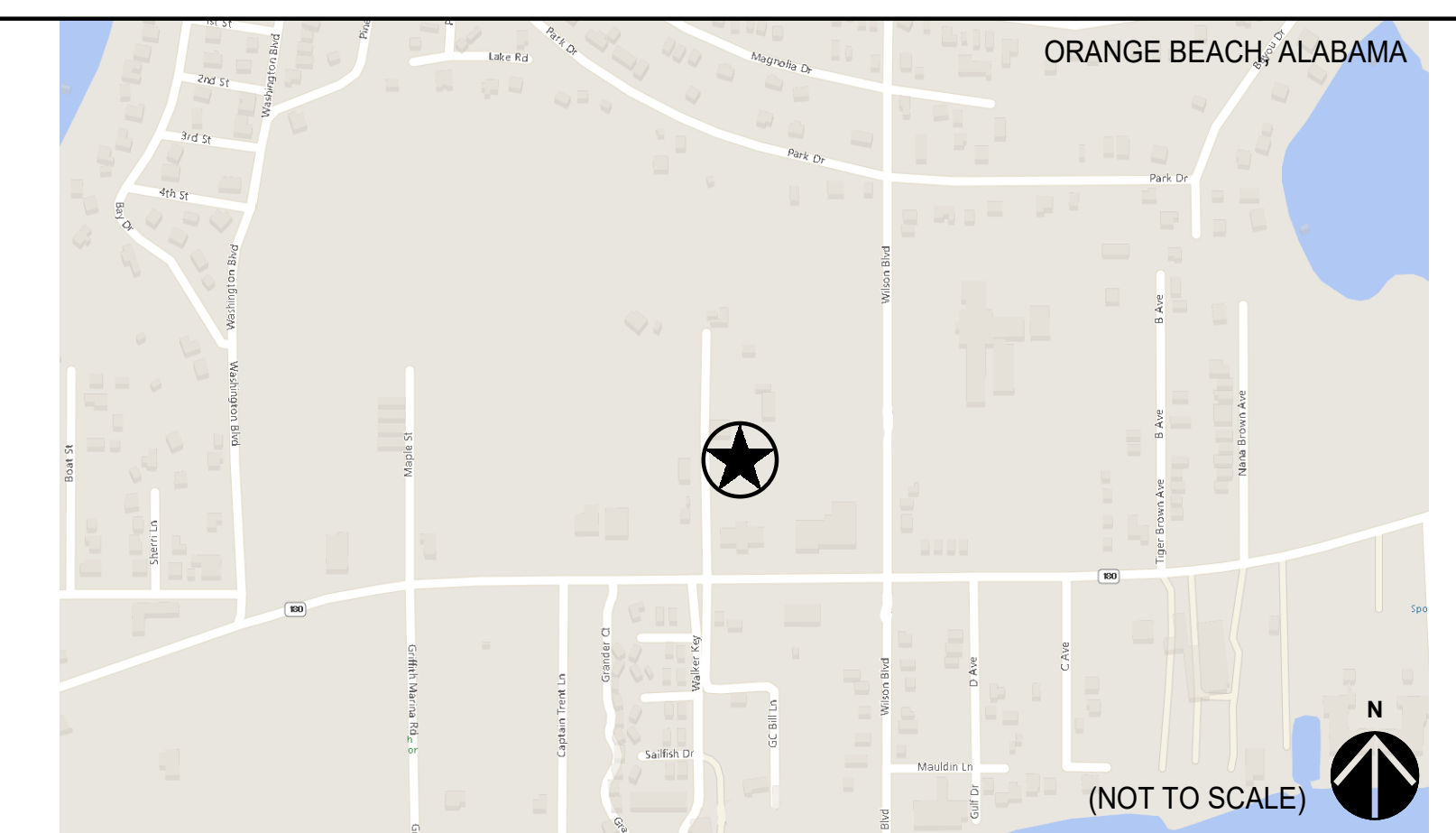
<b>ADULT FITNESS BUILDING (SPRINKLED) LEVEL 1</b>	
CONDITIONED NET SF	18,068 SF
UNCONDITIONED NET SF (MECHANICAL PAD)	504 SF
<b>TOTAL BUILDING GROSS SF</b>	<b>20,996 SF</b>

**OCCUPANT EGRESS COUNTS**

<b>EGRESS TYPES</b>	<b># OF OCCUPANT</b>
ASSEMBLY (UNCONSECATED)	(43.87) 44
ASSEMBLY (FIXED 18" PER PERSON)	(44") 44
BUSINESS	(8") 8
EXERCISE	(285.76) 286
LOCKERS	(20") 20
STORAGE/ACCESSORY	(2.52) 3
MECHANICAL/ELECTRICAL	(2.93) 3
<b>TOTAL OCCUPANCY</b>	<b>408 OCC.</b>

(\*) ARCHITECT IS USING A DESIGNED OCCUPANT LOAD GREATER THEN THAT REQUIRED BY THE IBC

**VICINITY MAP**



**ORANGE BEACH RECREATION COMPLEX NEW ADULT FITNESS CENTER**



CITY OF ORANGE BEACH ; ORANGE BEACH, AL

**DAVIS**

**OWNER**  
CITY OF ORANGE BEACH  
PO BOX 458  
ORANGE BEACH, ALABAMA 36561  
251-981-6972  
ATTN: KEN GRIMES, JR.

**ASSOCIATE ARCHITECT**  
MCCOLLOUGH ARCHITECTURE  
4790 MAIN ST #209  
ORANGE BEACH, AL 36561  
251-968-7222  
ATTN: STED MCCOLLOUGH

**ARCHITECT**  
DAVIS ARCHITECTS, INC.  
122 29RD STREET SOUTH  
BIRMINGHAM, AL 35233  
205-322-7482  
ATTN: JIM HARTSELL / JEFFREY MENASCO

**CIVIL ENGINEER**  
SAWGRASS CONSULTING, LLC  
11453 OLD HIGHWAY 31  
SPANISH FORT, AL 36527  
251-544-7900  
ATTN: ERIC E. GODWIN / DOUG CHAFFIN

**STRUCTURAL ENGINEER**  
MBA ENGINEERS  
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BIRMINGHAM, AL 35203  
205-323-6388  
ATTN: KETH OWENS / MARK BOGER

**MECHANICAL / PLUMBING ENGINEER**  
GULF STATES ENGINEERING  
600 AZALEA ROAD  
MOBILE, AL 36609  
251-480-4646  
ATTN: CHRIS DEARMON / VAN SIMPSON

**FIRE PROTECTION ENGINEER**  
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251-480-4646  
ATTN: TOM WADE / BRIAN DOVE

**ELECTRICAL ENGINEER**  
GULF STATES ENGINEERING  
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MOBILE, AL 36609  
251-480-4646  
ATTN: JERRY ONWU / SID SNYDER

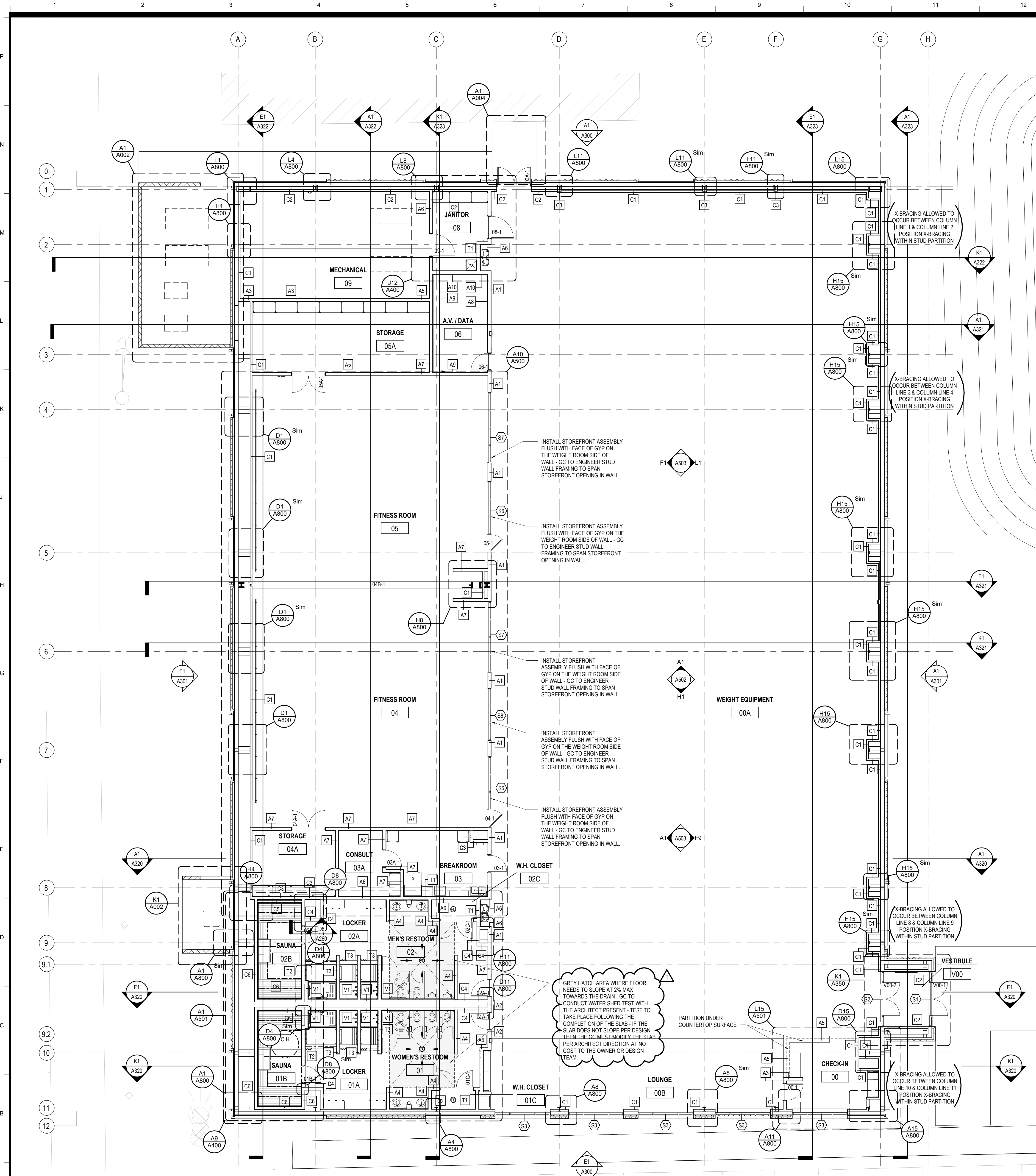
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DATE	2-14-2020
SCALE	100% BID DOCUMENTS
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DESIGNED BY	DAVIS ARCHITECTS
PROJECT NO.	3891.02

SHEET TITLE  
INDEX & GENERAL INFORMATION

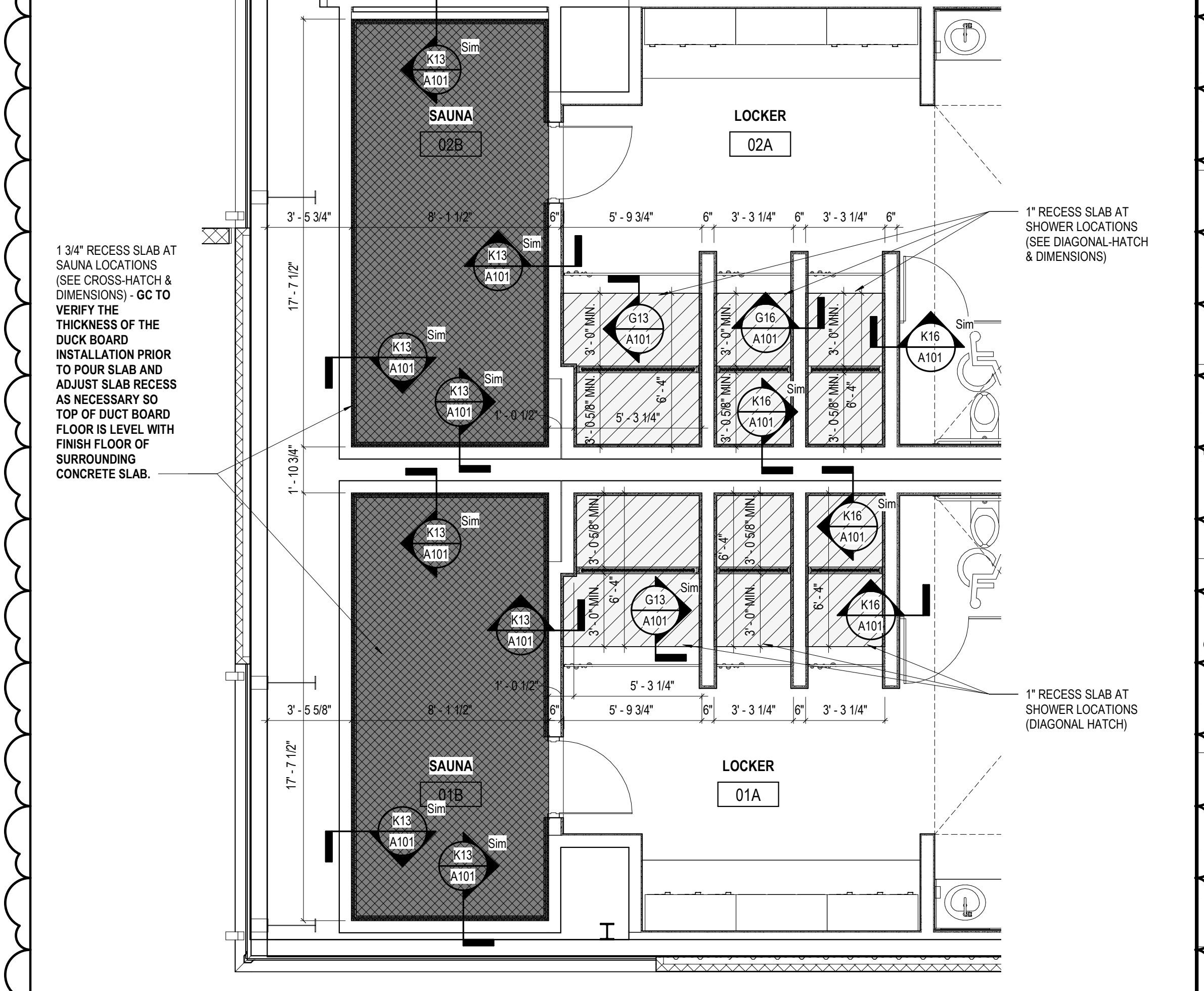
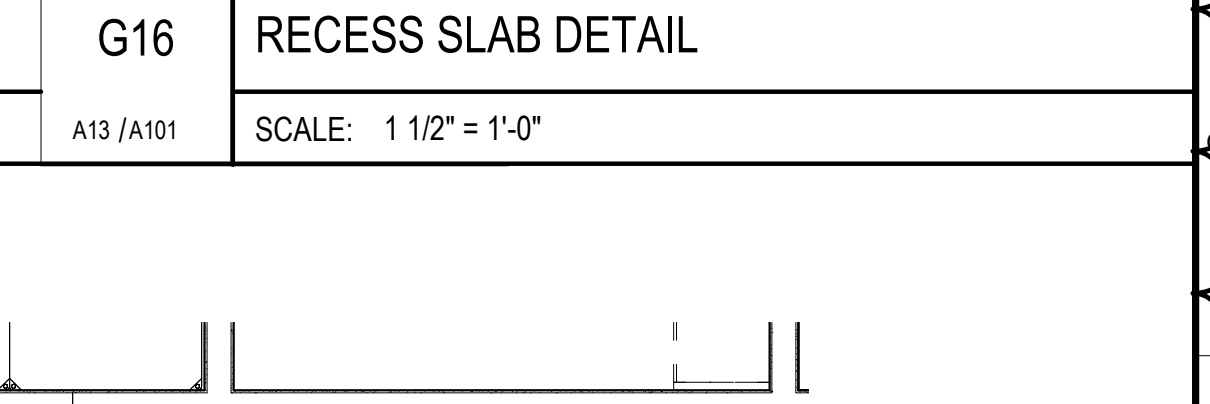
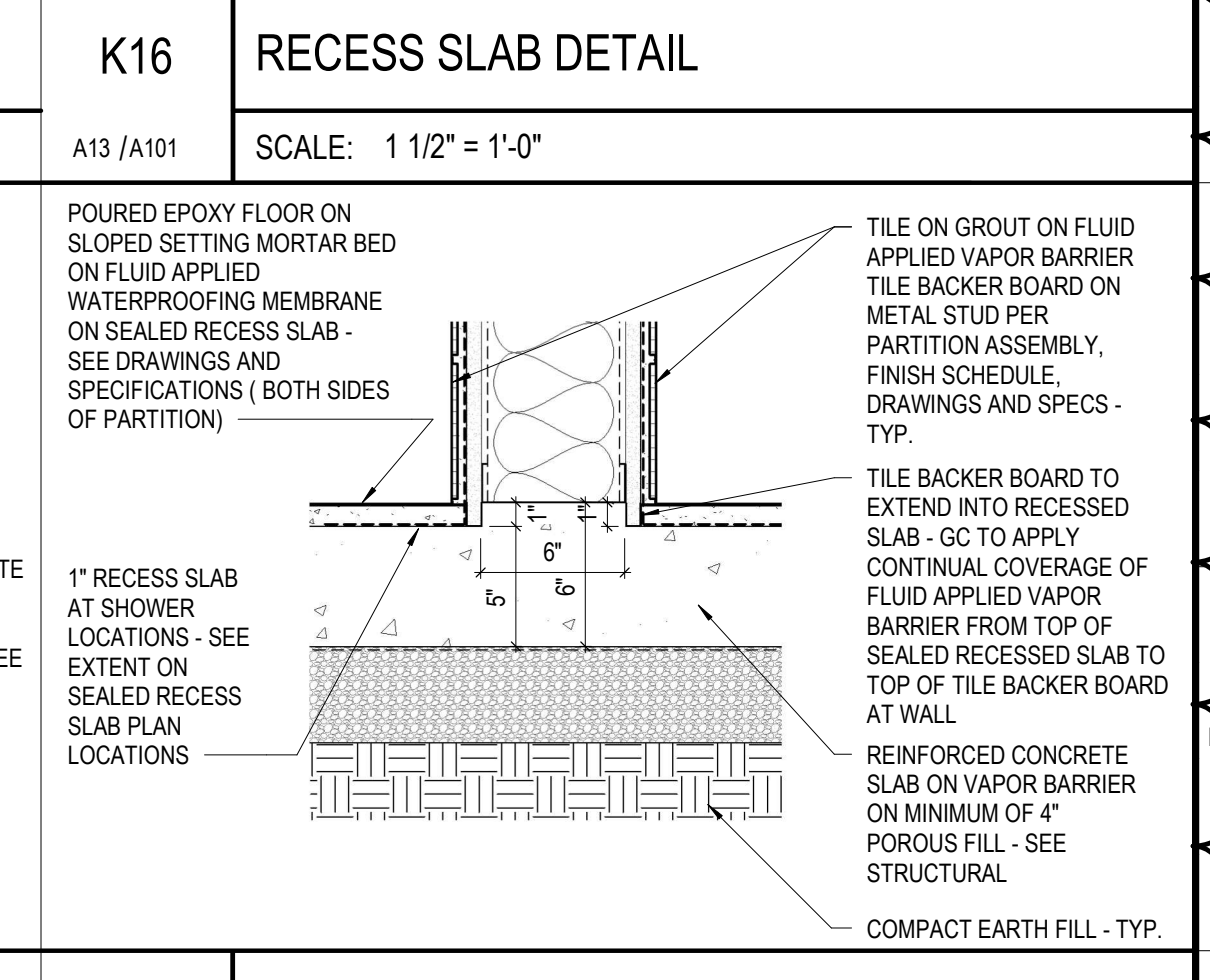
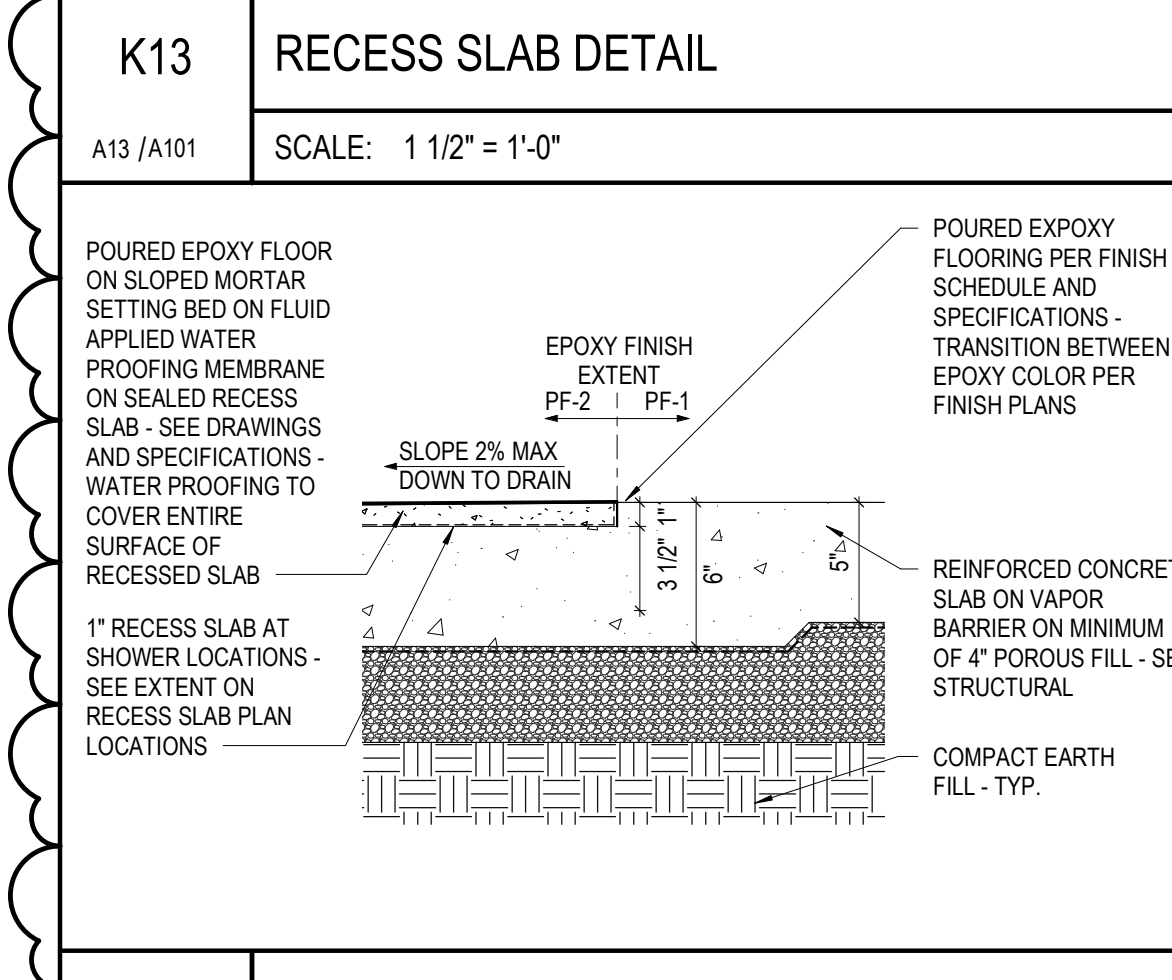
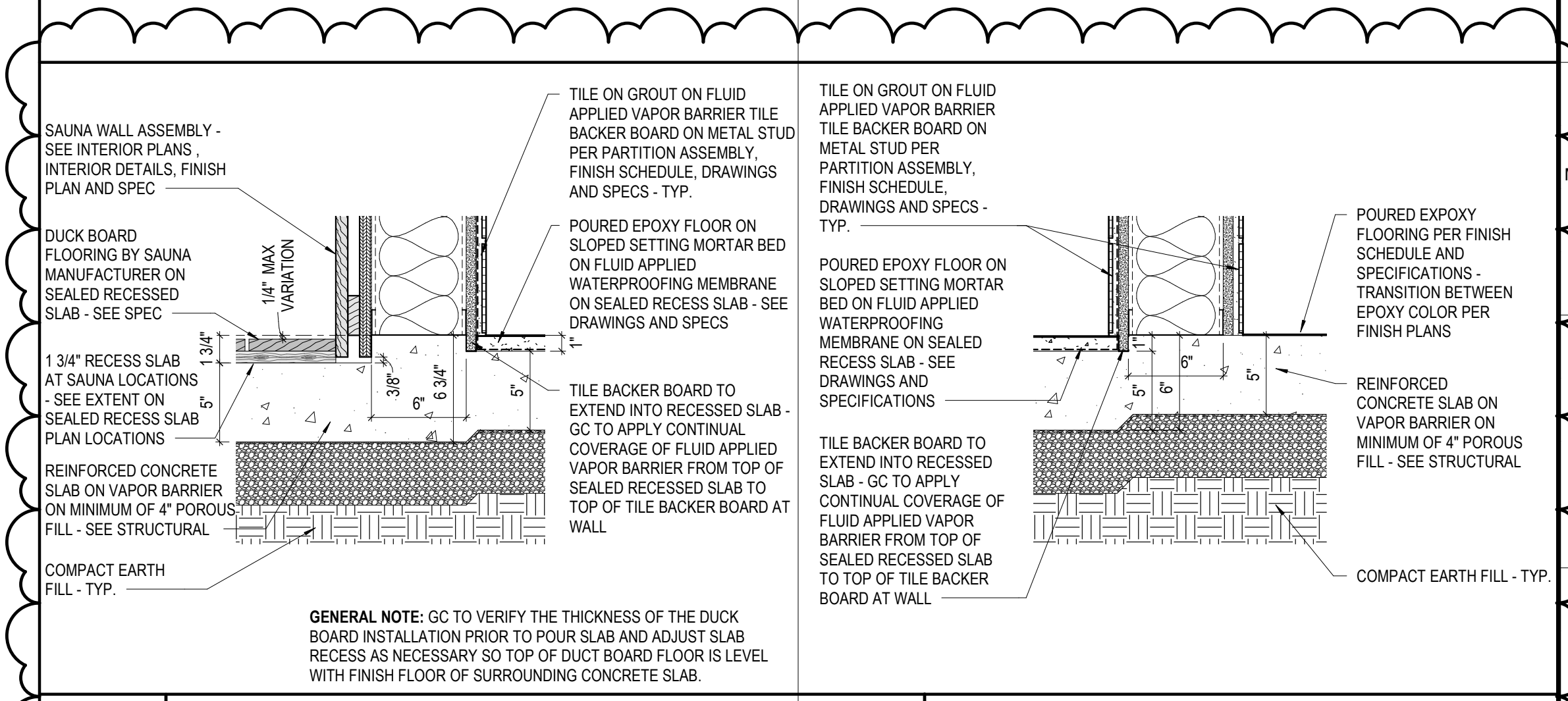
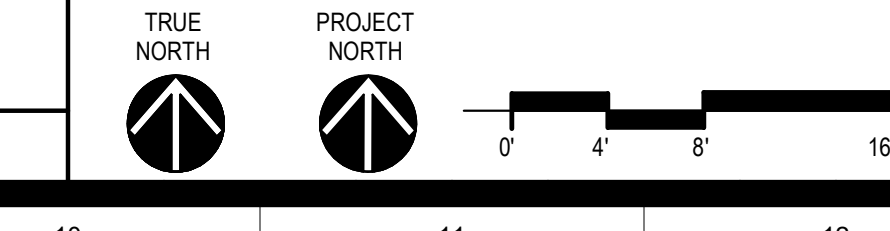
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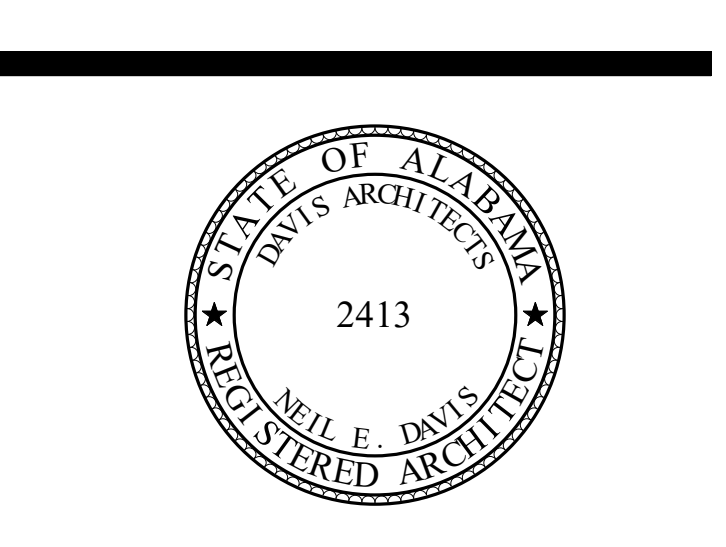


GENERAL NOTES:  
 GRID LINES A-G, H-9, 1-2, AND 12 ARE LOCATED AT THE INSIDE FACE OF GIRT WHICH ALIGNS WITH THE OUTSIDE FACE OF COLUMNS AND FRAMES.

**A1 LEVEL 1 - FLOOR PLAN - ANNOTATIONS**  
 SCALE: 1/8" = 1'-0"



GENERAL NOTE: RECESS SLAB TAKES PLACE IN LINE WITH FACE OF STUD



**ORANGE BEACH RECREATION  
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 ORANGE BEACH, ALABAMA 36561  
 251-981-6972  
 ATTN: KEN GRIMES, JR.

**ASSOCIATE ARCHITECT**  
 MCCOLLOUGH ARCHITECTURE  
 4790 MAIN ST #209  
 ORANGE BEACH, AL 36561  
 251-988-7222  
 ATTN: STED MCCOLLOUGH

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 132 29RD STREET SOUTH  
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 M&A ENGINEERS  
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REV	DATE	DESCRIPTION
1	10/23/2020	ADDENDUM 3

DATE	2-14-2020
SCALE	100% BID DOCUMENTS
PROJECT NO.	ADDENDUM 3
DRAWING NO.	3891.02

SHEET TITLE  
**LEVEL 1 - FLOOR PLAN**

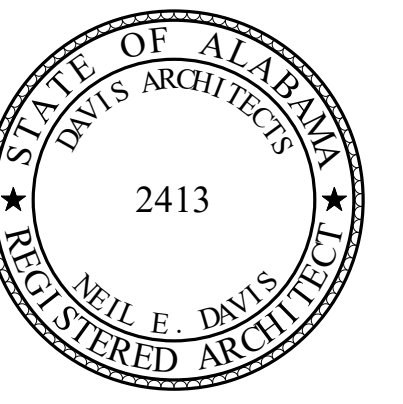
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**A101**

**LEGEND - EXTERIOR MATERIALS AND FABRICATIONS**

MARK	PRODUCT	COLOR	COMMENTS
◇	VERTICAL PBR PANEL ( 1 1/4")	MESCO - SOLAR WHITE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4 & 6
◇	VERTICAL REVERSE ROLL PBR PANEL ( 1 1/4")	MESCO - MIDNIGHT BRONZE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4 & 6
◇	HORIZONTAL PBU PANEL ( 3/4")	MESCO - SOLAR WHITE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4, 5, & 6
◇	HORIZONTAL PBU PANEL ( 3/4")	TUNDRA	SEE GENERAL NOTE 1, 2, 4, 5, & 6
◇	SSR SUPER LOK (2")	MESCO - GALVALUME (300 STANDARD)	SEE GENERAL NOTE 7
◇	SPLIT FACE 4" VENEER CMU (COLOR 1)	REPOSE GREY SW 7015	SEE GENERAL NOTE 3, 8, 10 & 11
◇	NOT USED	NOT USED	NOT USED
◇	SPLIT FACE 4" VENEER CMU (COLOR 2)	DORIAN GREY SW 7017	SEE GENERAL NOTE 3, 8, 10 & 11
◇	PREFINISHED ALUMINUM BAHAMA STYLE SHUTTER	LARSON SHUTTER COMPANY - HAMILTON BLUE	SEE GENERAL NOTE 9
◇	PRE-FINISHED METAL CANOPY W/ LIGHT BELOW	CUSTOM COLOR TBD BY ARCHITECT	SEE GENERAL NOTE 9
◇	WALL SCONCE LIGHT FIXTURE	TO BE SELECTED BY ARCHITECT	SEE ELECTRICAL PLANS
◇	ROOF RIDGE	MESCO - SOLAR WHITE	
◇	GUTTERS, DOWNSPOUTS, TYPICAL & RAKE TRIM	MESCO - SOLAR WHITE	
◇	STOREFRONT	SPECIFICATION REQUIRED ANODIZED ALUMINUM	SEE GENERAL NOTE 12

- GENERAL NOTES**
- ALL FRAMED OPENINGS TRIM COLOR TO MATCH SURROUNDING METAL PANEL COLOR.
  - ALL PENETRATIONS THROUGH PEMB BUILDING BY OTHERS TO BE COORDINATED WITH THE PEMB MANUFACTURER RECOMMENDATION FOR FLASHING AND SEALING THE CONDITIONS PRIOR TO INSTALLATION. GC TO PROVIDE FLASHING AND SEAL ALL PENETRATIONS AS RECOMMENDED TO MAINTAIN A LONG LASTING WATER TIGHT FACADE AND PROPER DRAINAGE.
  - ALL EXPOSED LOCATIONS OF NEW MASONRY ASSEMBLIES TO BE TREATED WITH CLEAR WATER REPELLENT AS LISTED PER THE UNIT MASONRY SPECIFICATION.
  - ALL METAL WALL PANEL ASSEMBLIES SHOULD BE DESIGN TO MEET A MINIMUM OF L/240 DEFLECTION.
  - PEMB TO DESIGN METAL WALL PANEL ASSEMBLY WITH 7/8" GALVANIZED HAT CHANNEL FURRING BEHIND METAL PANEL ATTACHED TO FACE OF GIRT.
  - PEMB METAL PANEL TO HAVE SEMI-CONCEALED FASTENERS.
  - PEMB METAL PANEL TO BE FULLY CONCEALED AND MECHANICALLY SEALED.
  - 8" SPLIT FACE CMU @ EXTERIOR MECHANICAL ENCLOSURE IN LIEU OF 4" SPLIT FACE CMU VENEER.
  - PEMB MANUFACTURER TO PROVIDE ADDITIONAL GIRT REINFORCEMENT AND BRACING AS NEEDED (SHOWN AS DASHED WITH DIAGONAL HATCH FOR SIGNAGE - GC TO COORDINATE SIGNAGE LOCATION, STRUCTURAL REQUIREMENTS AND ATTACHMENT INFORMATION WITH THE PEMB MANUFACTURER PRIOR TO APPROVAL OF SHOP DRAWINGS.
  - PEMB METAL PANELS ARE TO EXTEND BEHIND ALL MASONRY AND BE TAKEN TO TOP OF CONCRETE SLAB CURB AND BE SEALED.
  - PEMB METAL PANELS BEHIND MASONRY ARE TO BE REVERSE ROLL PANELS INSTALLED FOR MASONRY TO DIRECT ATTACHMENT.
  - SEE DOOR AND STOREFRONT SCHEDULE, DETAILS, AND SPECIFICATIONS FOR ALL STOREFRONT DOORS AND WINDOW LOCATIONS AND MATERIALS. GC TO PROVIDE PROPOSED LAYOUT OF SUPPORT BRACKETS ON ARCHITECTURAL ELEVATION WITHIN CANOPY SUBMITTAL FOR COORDINATION WITH STOREFRONT LOCATIONS.



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**DAVIS**

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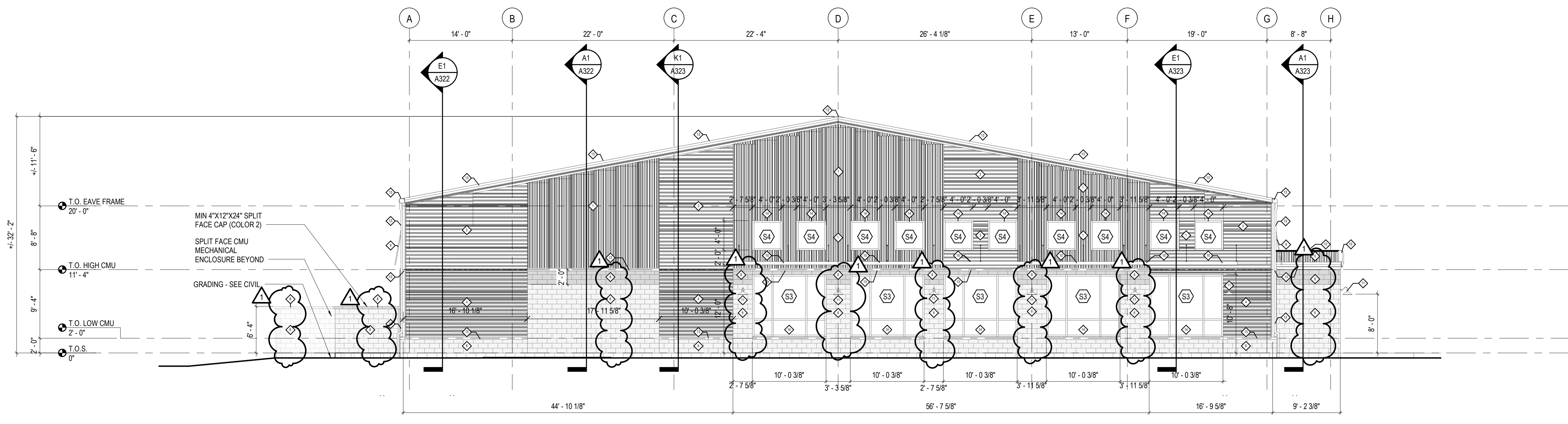
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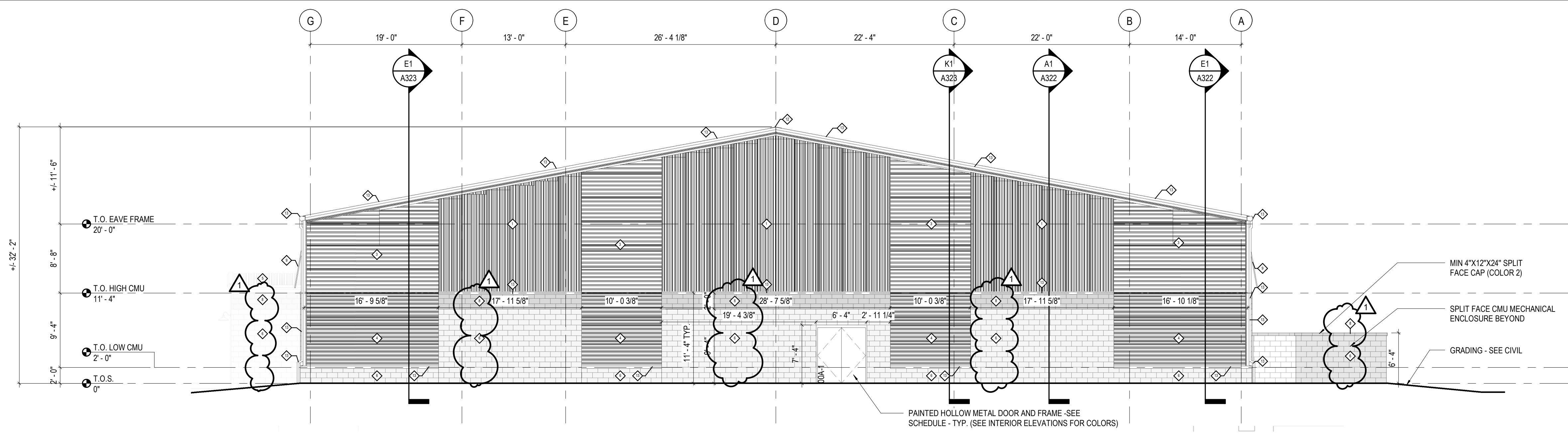
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**E1 EXTERIOR BUILDING ELEVATION - SOUTH**

SCALE: 1/8" = 1'-0"



**A1 EXTERIOR BUILDING ELEVATION - NORTH**

SCALE: 1/8" = 1'-0"

REV	DATE	DESCRIPTION
1	MM/DD/YY	ADDENDUM 3

DATE	2-14-2020
SCALE	100% BID DOCUMENTS
ISSUED FOR	ADDENDUM 3
DRAWN BY	DAVIS ARCHITECTS
PROJECT NO.	3891.02

SHEET TITLE  
**EXTERIOR ELEVATIONS**

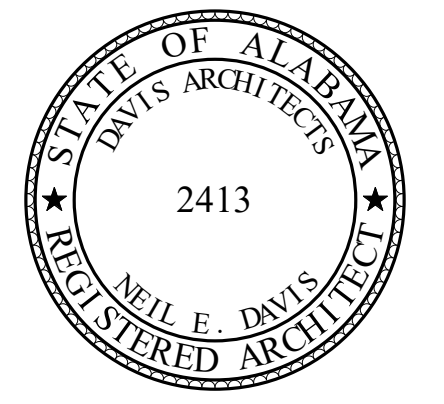
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**LEGEND - EXTERIOR MATERIALS AND FABRICATIONS**

MARK	PRODUCT	COLOR	COMMENTS
◇	VERTICAL PBR PANEL ( 1 1/4")	MESCO - SOLAR WHITE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4 & 6
◇	VERTICAL REVERSE ROLL PBR PANEL ( 1 1/4")	MESCO - MIDNIGHT BRONZE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4 & 6
◇	HORIZONTAL PBU PANEL ( 3/4")	MESCO - SOLAR WHITE (300 STANDARD)	SEE GENERAL NOTE 1, 2, 4, 5, & 6
◇	HORIZONTAL PBU PANEL ( 3/4")	TUNDRA	SEE GENERAL NOTE 1, 2, 4, 5, & 6
◇	SSR SUPER LOK (2")	MESCO - GALVALUME (300 STANDARD)	SEE GENERAL NOTE 7
◇	SPLIT FACE 4" VENEER CMU (COLOR 1)	REPOSE GREY SW 7015	SEE GENERAL NOTE 3, 8, 10 & 11
◇	NOT USED	NOT USED	NOT USED
◇	SPLIT FACE 4" VENEER CMU (COLOR 2)	DORIAN GREY SW 7017	SEE GENERAL NOTE 3, 8, 10 & 11
◇	PREFINISHED ALUMINUM BAHAMA STYLE SHUTTER	LARSON SHUTTER COMPANY - HAMILTON BLUE	SEE GENERAL NOTE 9
◇	PRE-FINISHED METAL CANOPY W/ LIGHT BELOW	CUSTOM COLOR TBD BY ARCHITECT	SEE GENERAL NOTE 9
◇	WALL SCONCE LIGHT FIXTURE	TO BE SELECTED BY ARCHITECT	SEE ELECTRICAL PLANS
◇	ROOF RIDGE	MESCO - SOLAR WHITE	
◇	GUTTERS, DOWNSPOUTS, TYPICAL & RAKE TRIM	MESCO - SOLAR WHITE	
◇	STOREFRONT	SPECIFICATION REQUIRED ANODIZED ALUMINUM	SEE GENERAL NOTE 12

- GENERAL NOTES**
- ALL FRAMED OPENINGS TRIM COLOR TO MATCH SURROUNDING METAL PANEL COLOR.
  - ALL PENETRATIONS THROUGH PEMB BUILDING BY OTHERS TO BE COORDINATED WITH THE PEMB MANUFACTURER RECOMMENDATION FOR FLASHING AND SEALING THE CONDITIONS PRIOR TO INSTALLATION. GC TO PROVIDE FLASHING AND SEAL ALL PENETRATIONS AS RECOMMENDED TO MAINTAIN A LONG LASTING WATER TIGHT FACADE AND PROPER DRAINAGE.
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  - PEMB METAL PANELS BEHIND MASONRY ARE TO BE REVERSE ROLL PANELS INSTALLED FOR MASONRY TIE DIRECT ATTACHMENT.
  - SEE DOOR AND STOREFRONT SCHEDULE, DETAILS, AND SPECIFICATIONS FOR ALL STOREFRONT DOORS AND WINDOW LOCATIONS AND MATERIALS.
  - GC TO PROVIDE PROPOSED LAYOUT OF SUPPORT BRACKETS ON ARCHITECTURAL ELEVATION WITHIN CANOPY SUBMITTAL FOR COORDINATION WITH STOREFRONT LOCATIONS.



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ATTN: KEN GRIMES, JR.

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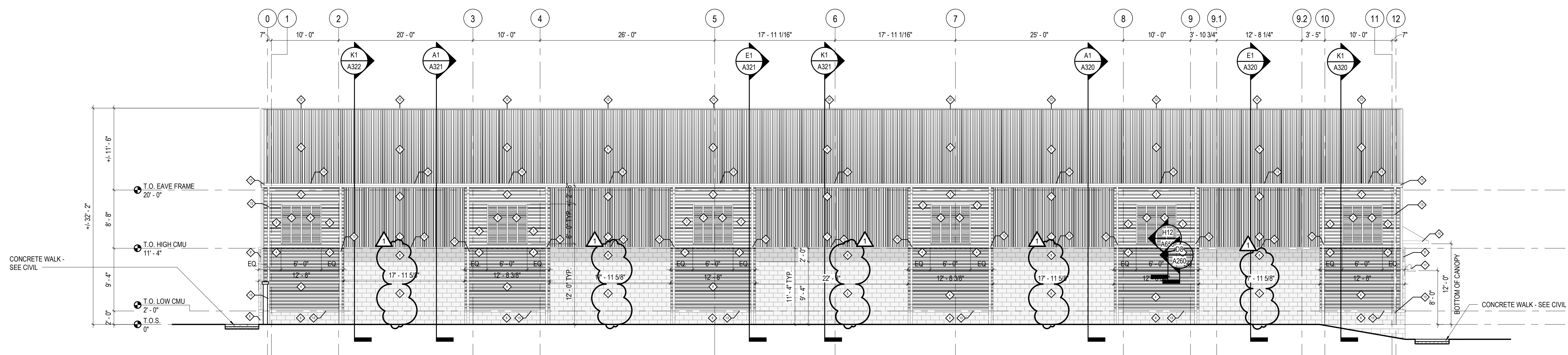
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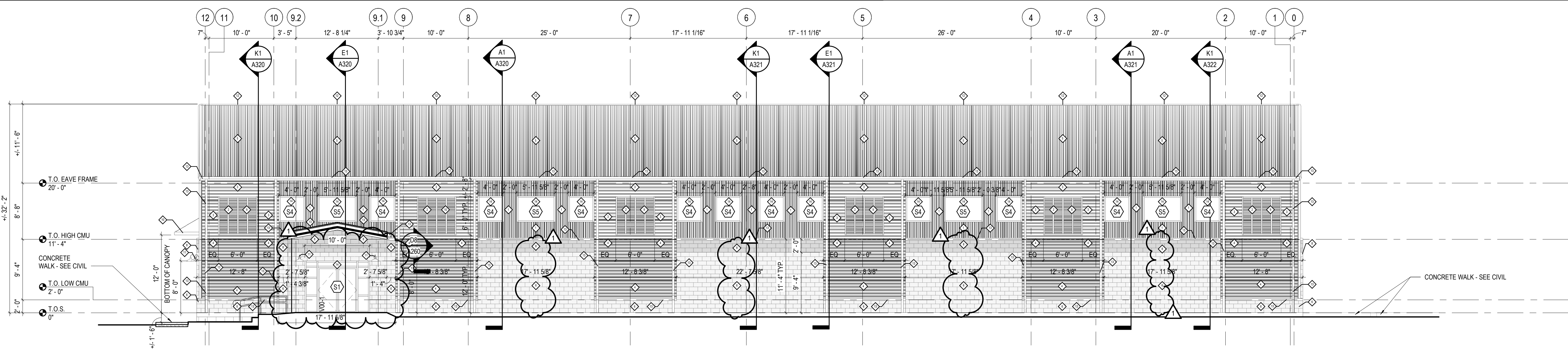
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**E1 EXTERIOR BUILDING ELEVATION - WEST**

SCALE: 1/8" = 1'-0"



**A1 EXTERIOR BUILDING ELEVATION - EAST**

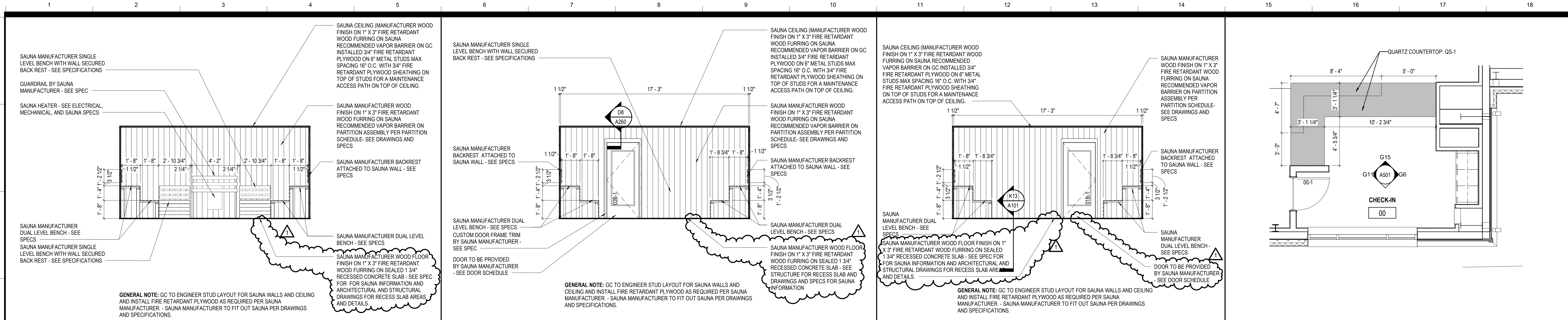
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REV	DATE	DESCRIPTION
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DATE	2-14-2020
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PROJECT NO.	3891.02
SHEET TITLE	EXTERIOR ELEVATIONS

DRAWING NO.

**A301**

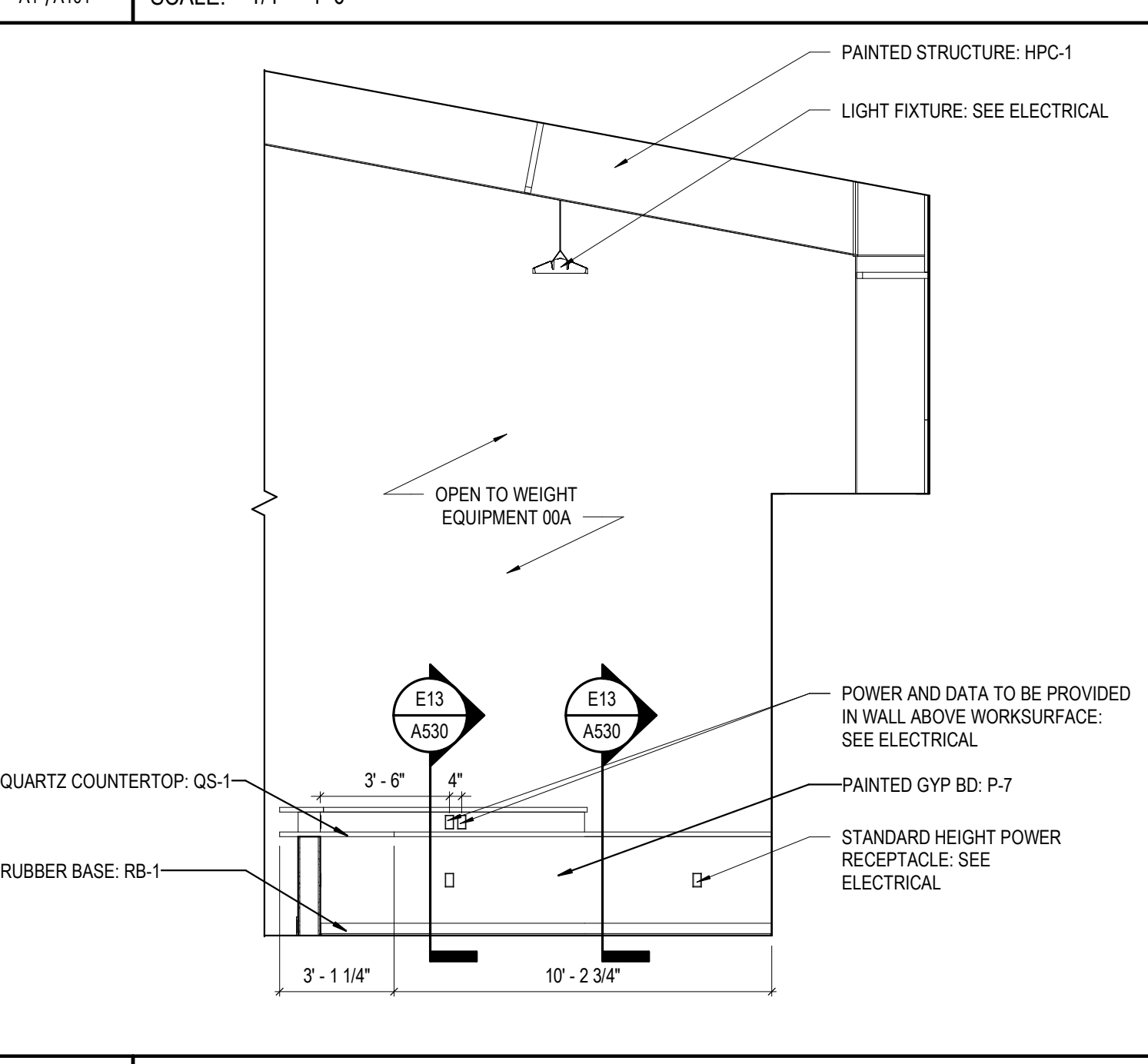
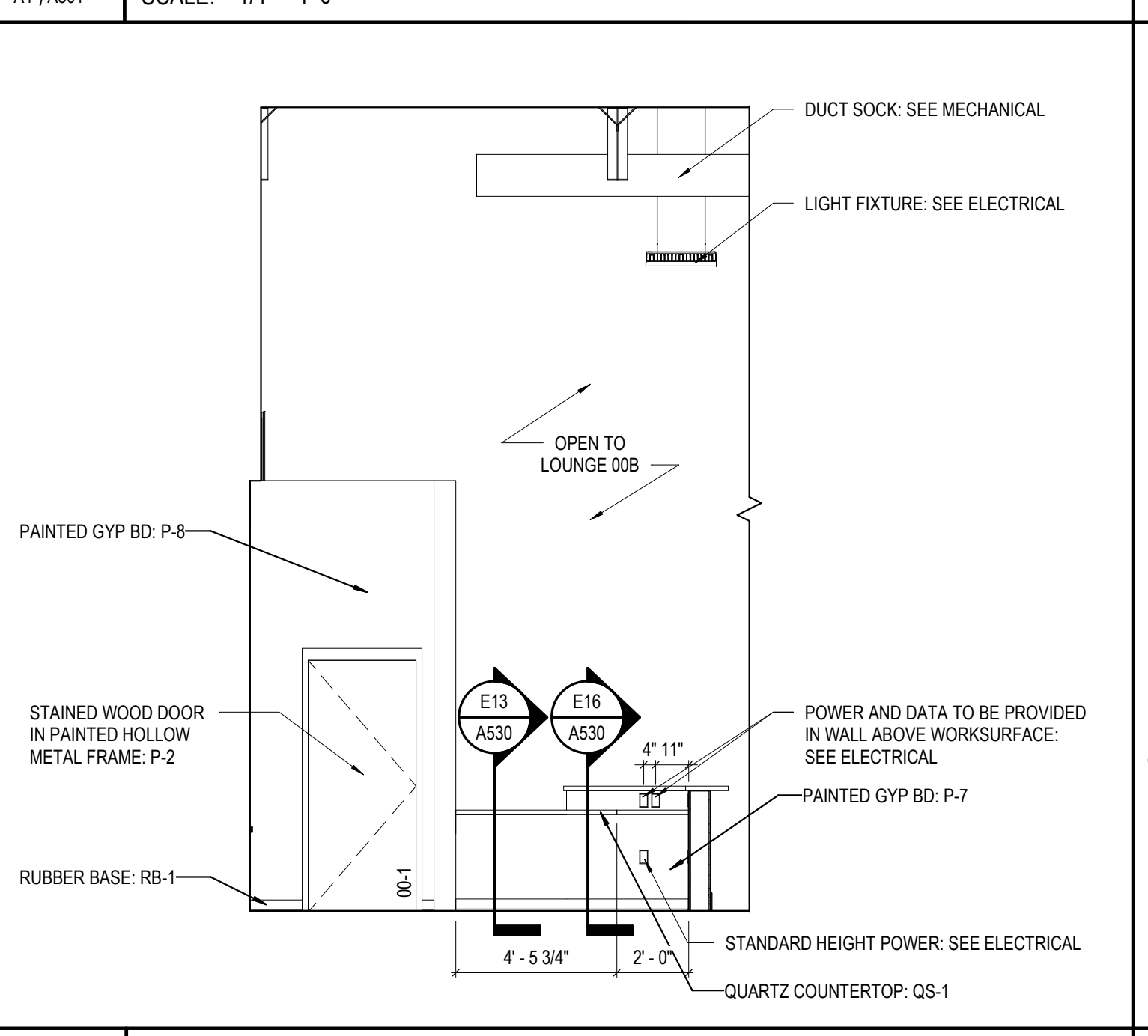
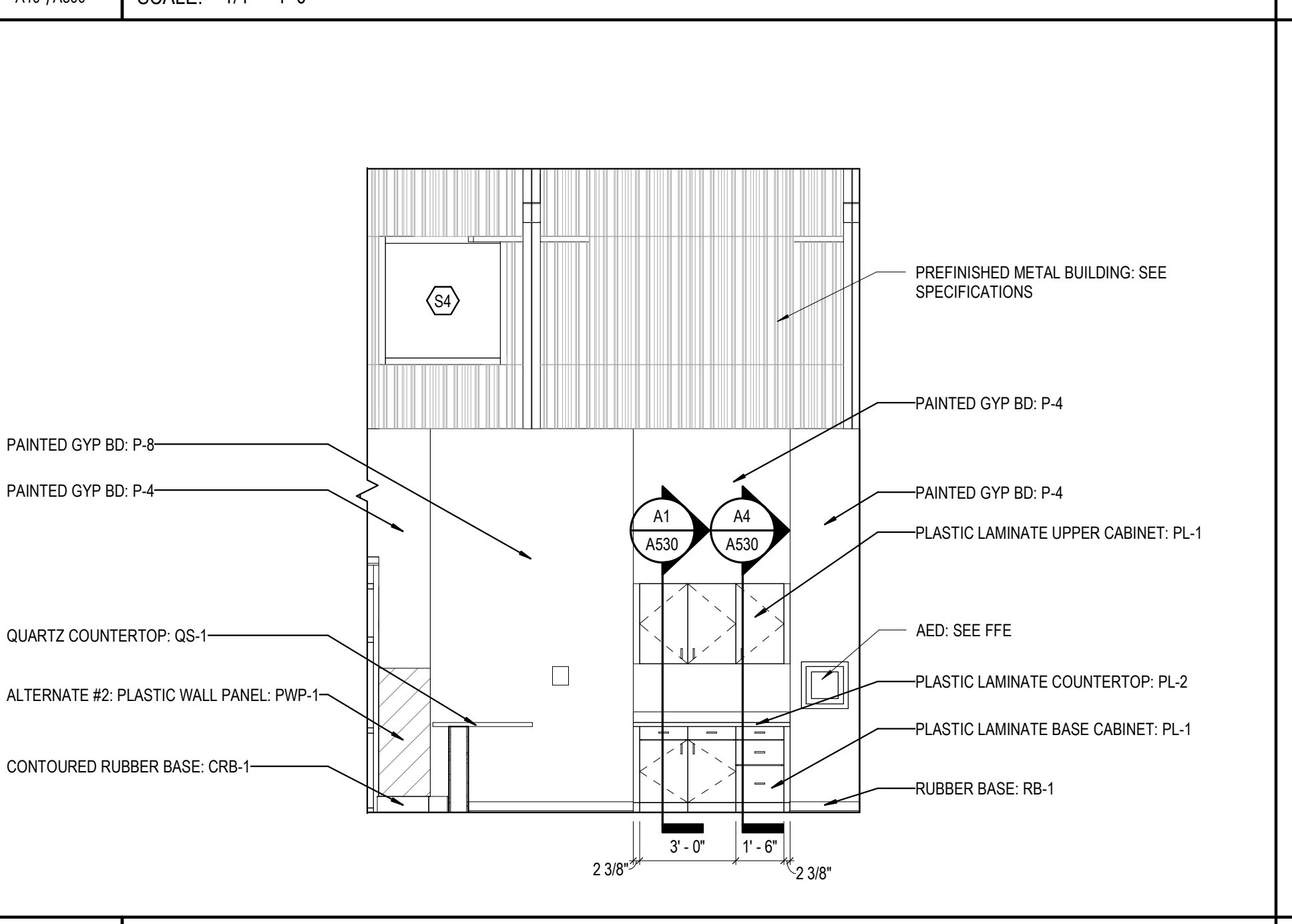
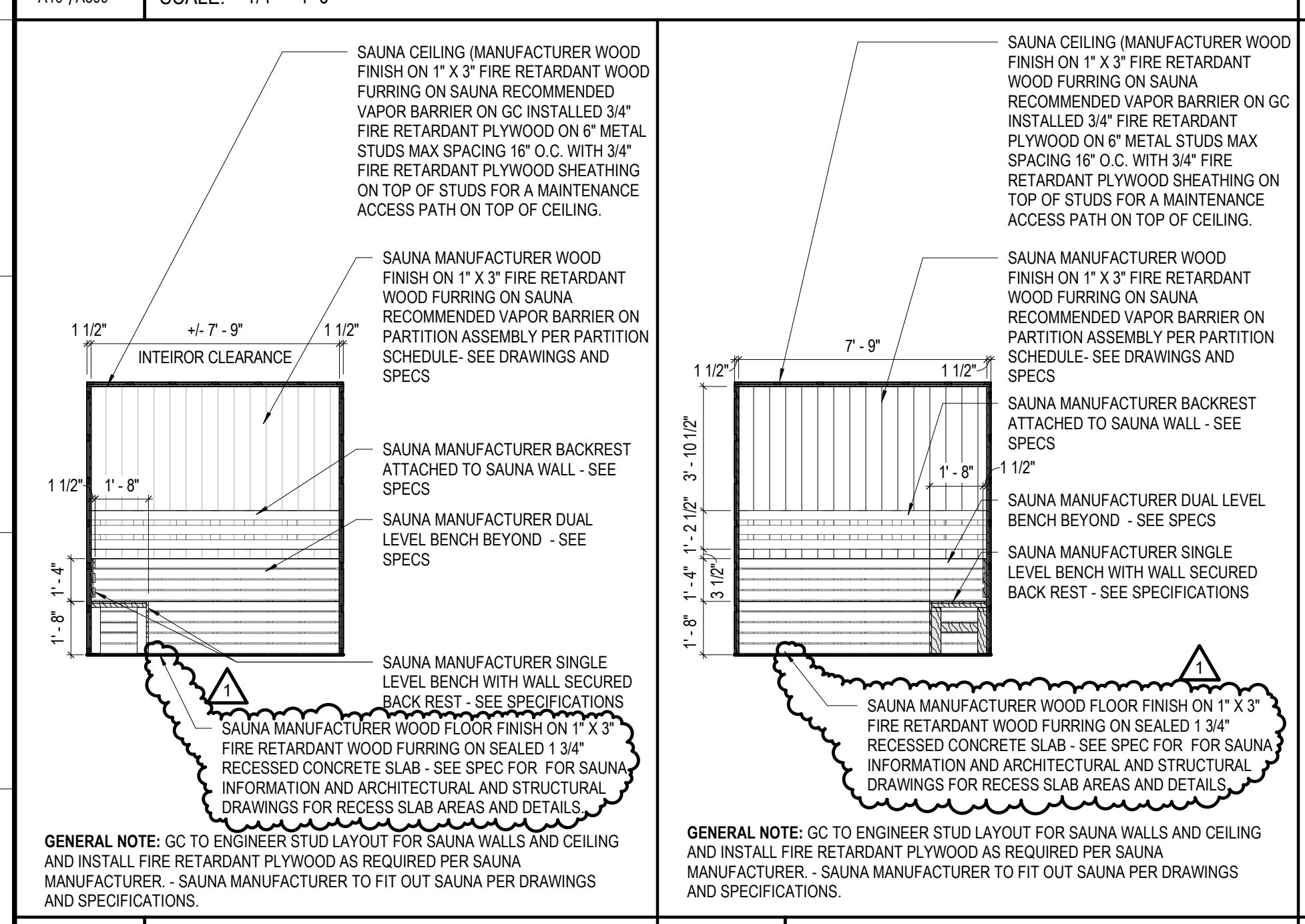


**L1 INTERIOR ELEVATION @ SAUNA 02B**  
 SCALE: 1/4" = 1'-0"

**L6 INTERIOR ELEVATION @ SAUNA 02B**  
 SCALE: 1/4" = 1'-0"

**L11 INTERIOR ELEVATION @ SAUNA 01B**  
 SCALE: 1/4" = 1'-0"

**L15 ENLARGED PLAN @ CHECK-IN 00**  
 SCALE: 1/4" = 1'-0"

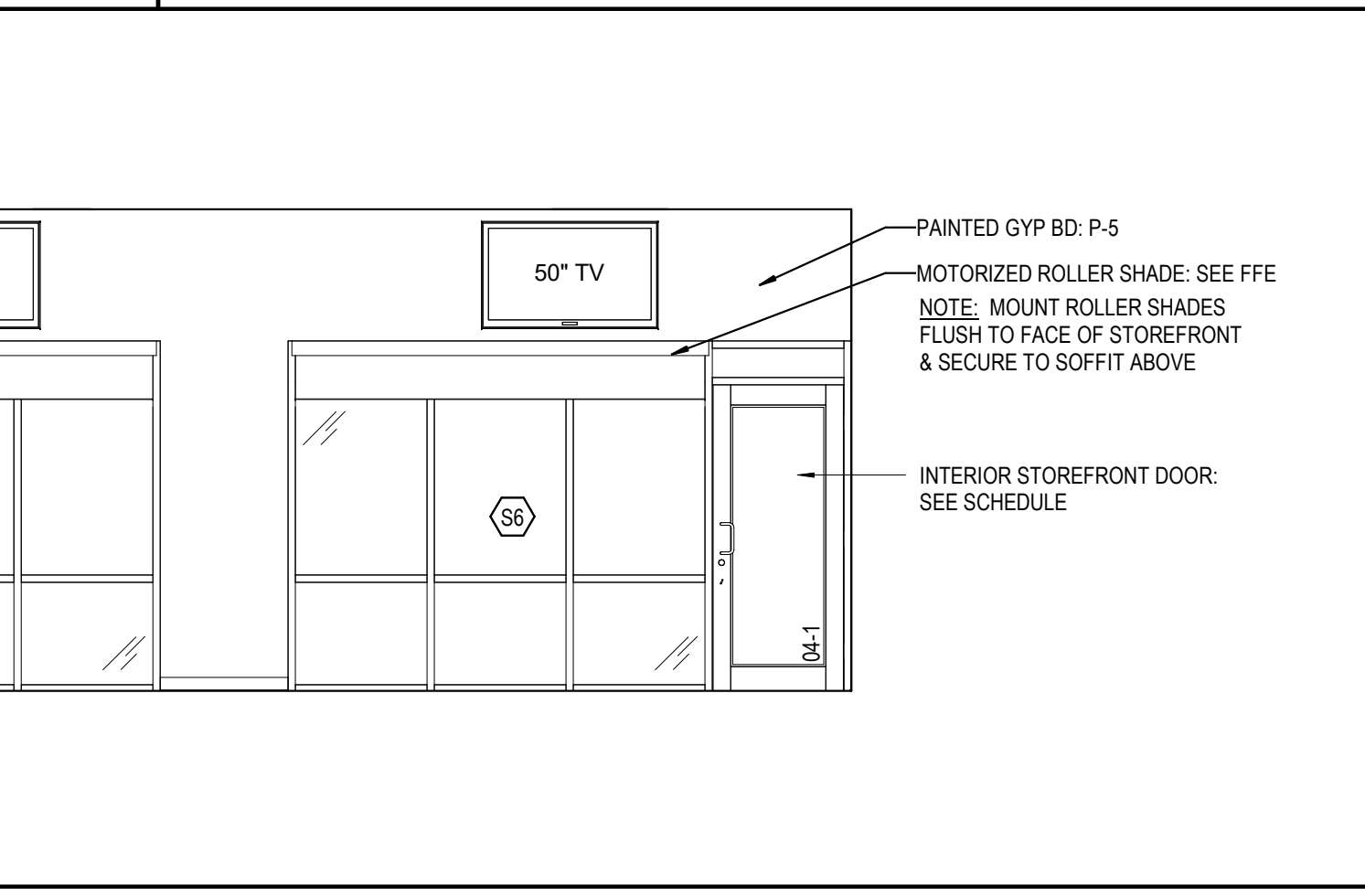
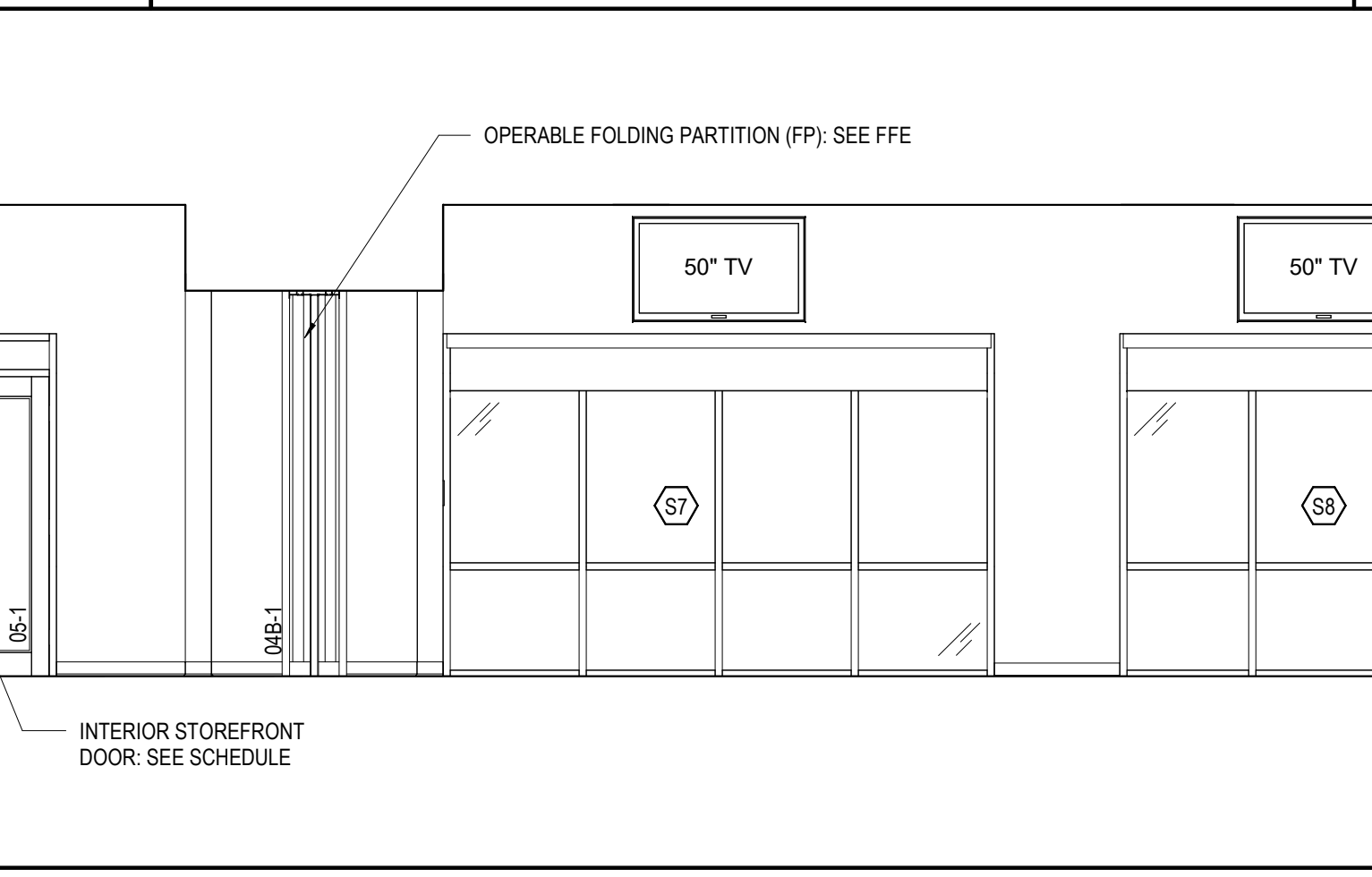
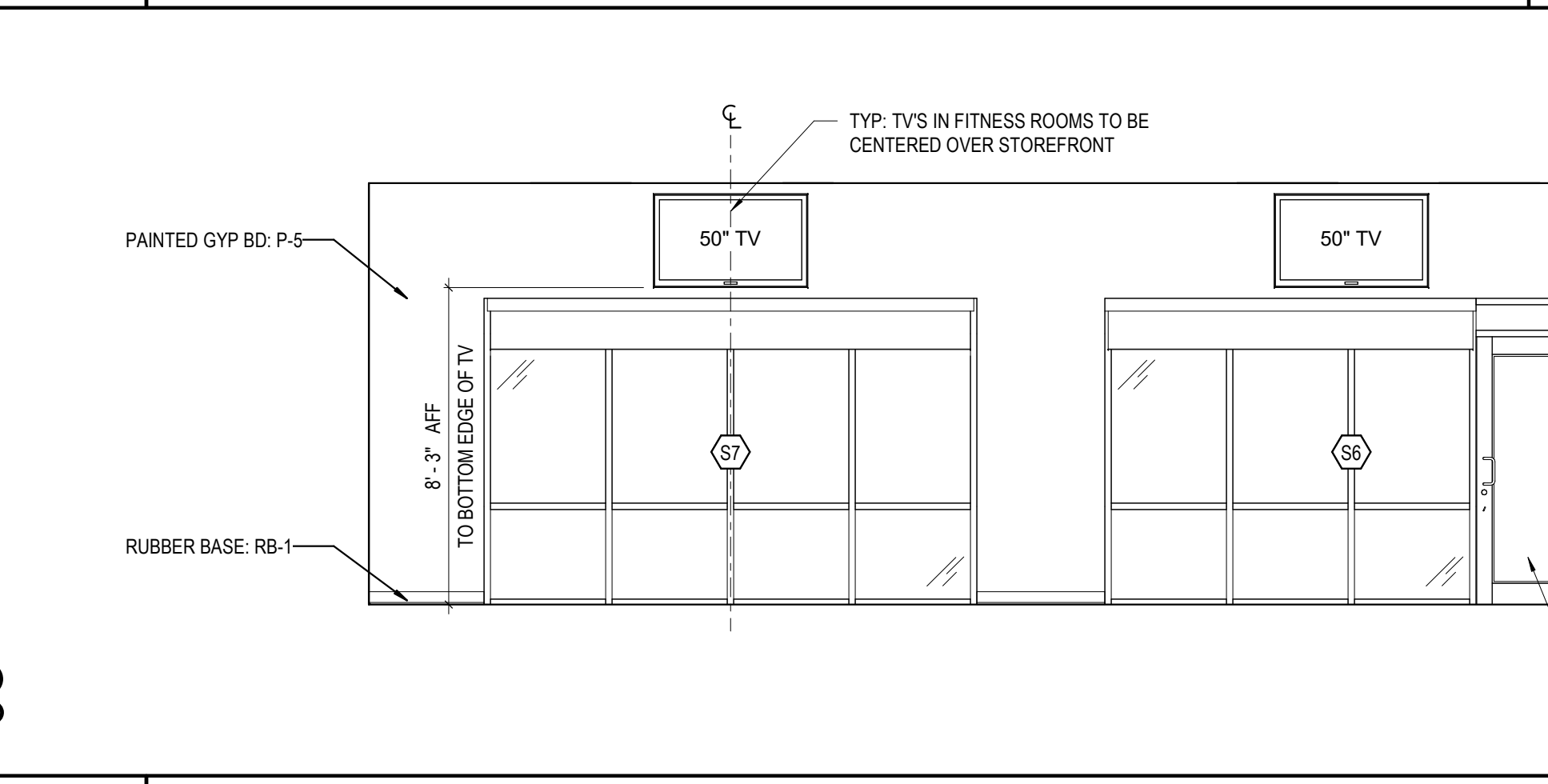
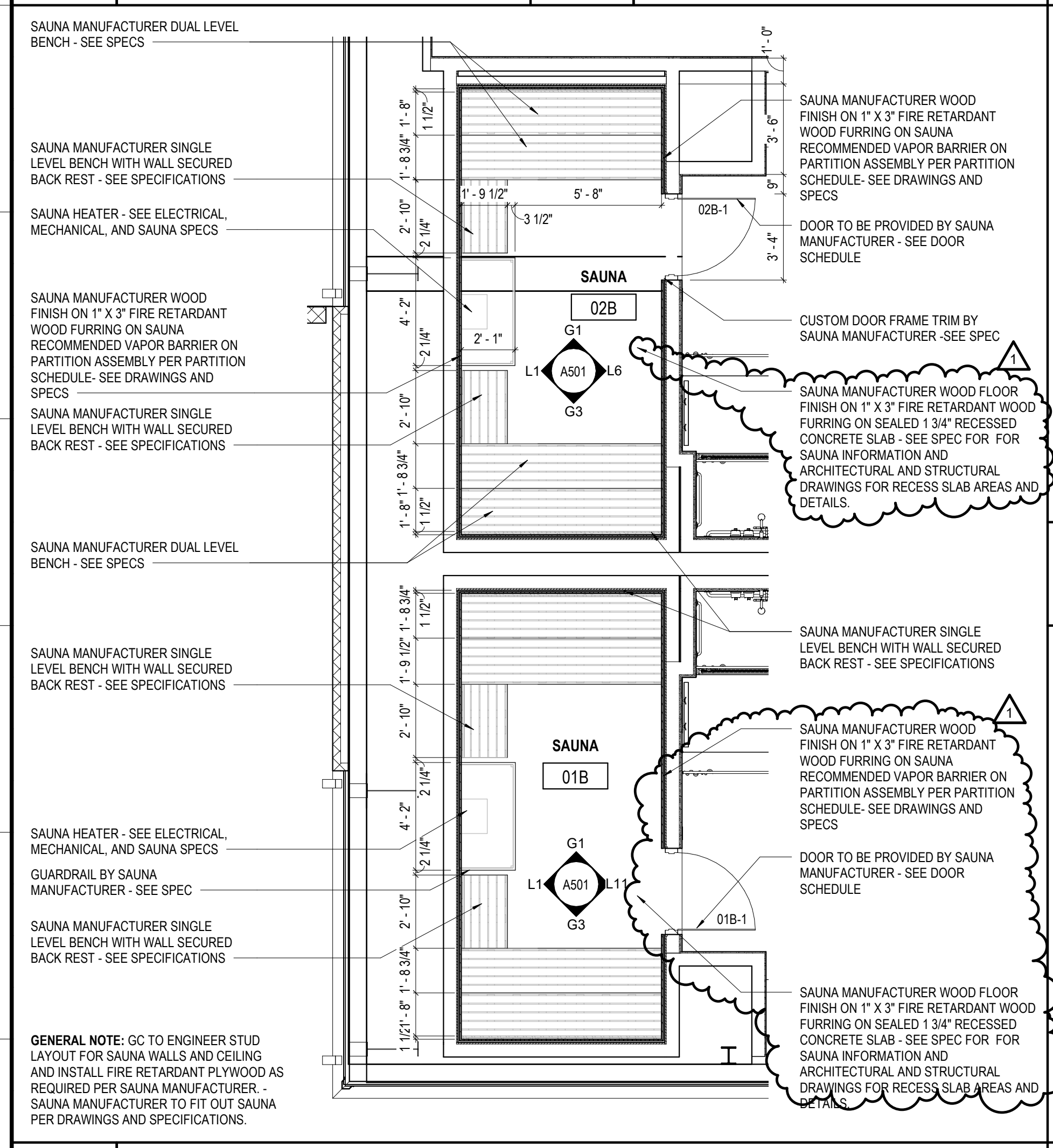


**G1 INTERIOR ELEVATION @ SAUNA 02B**  
 SCALE: 1/4" = 1'-0"

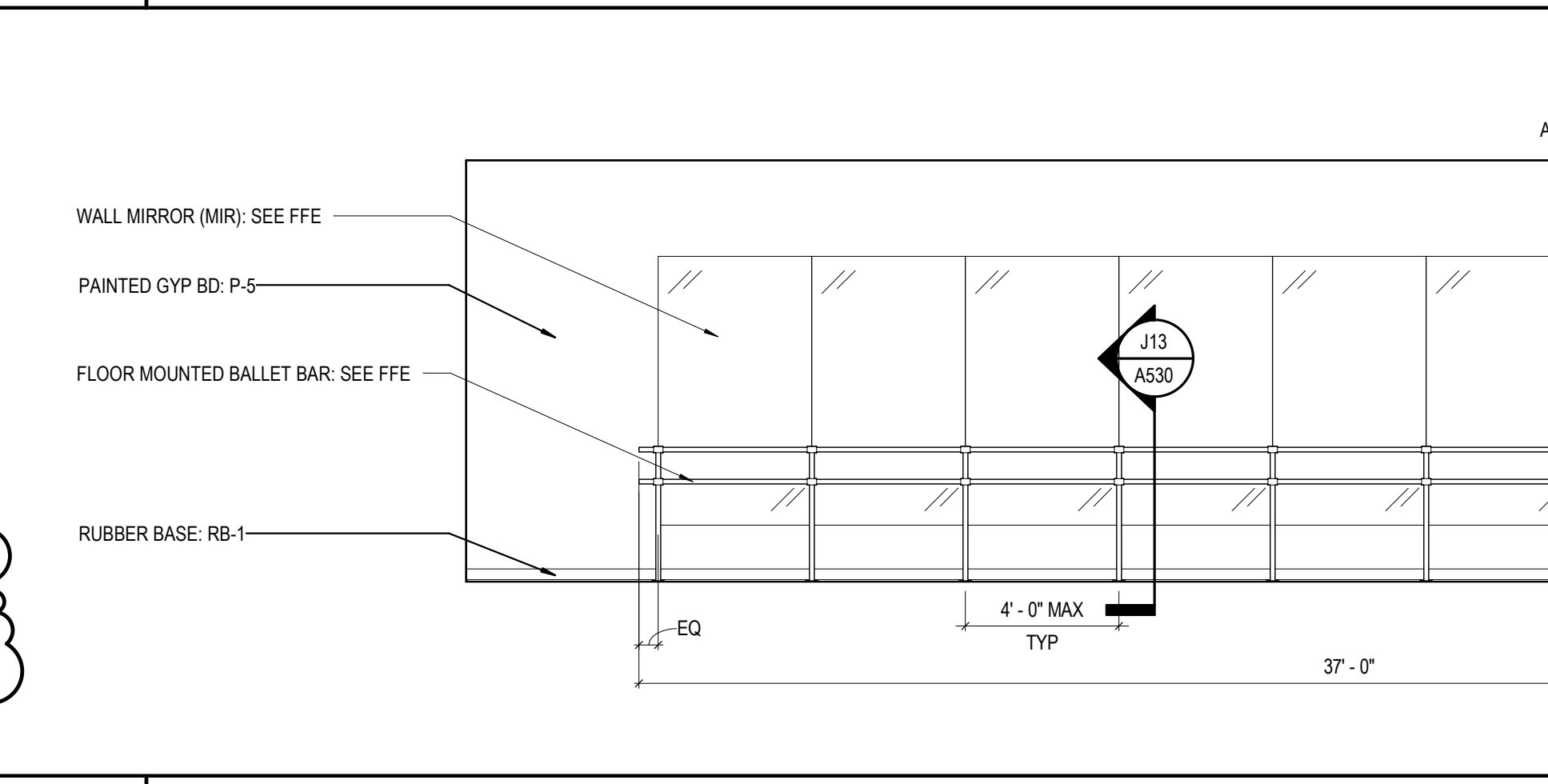
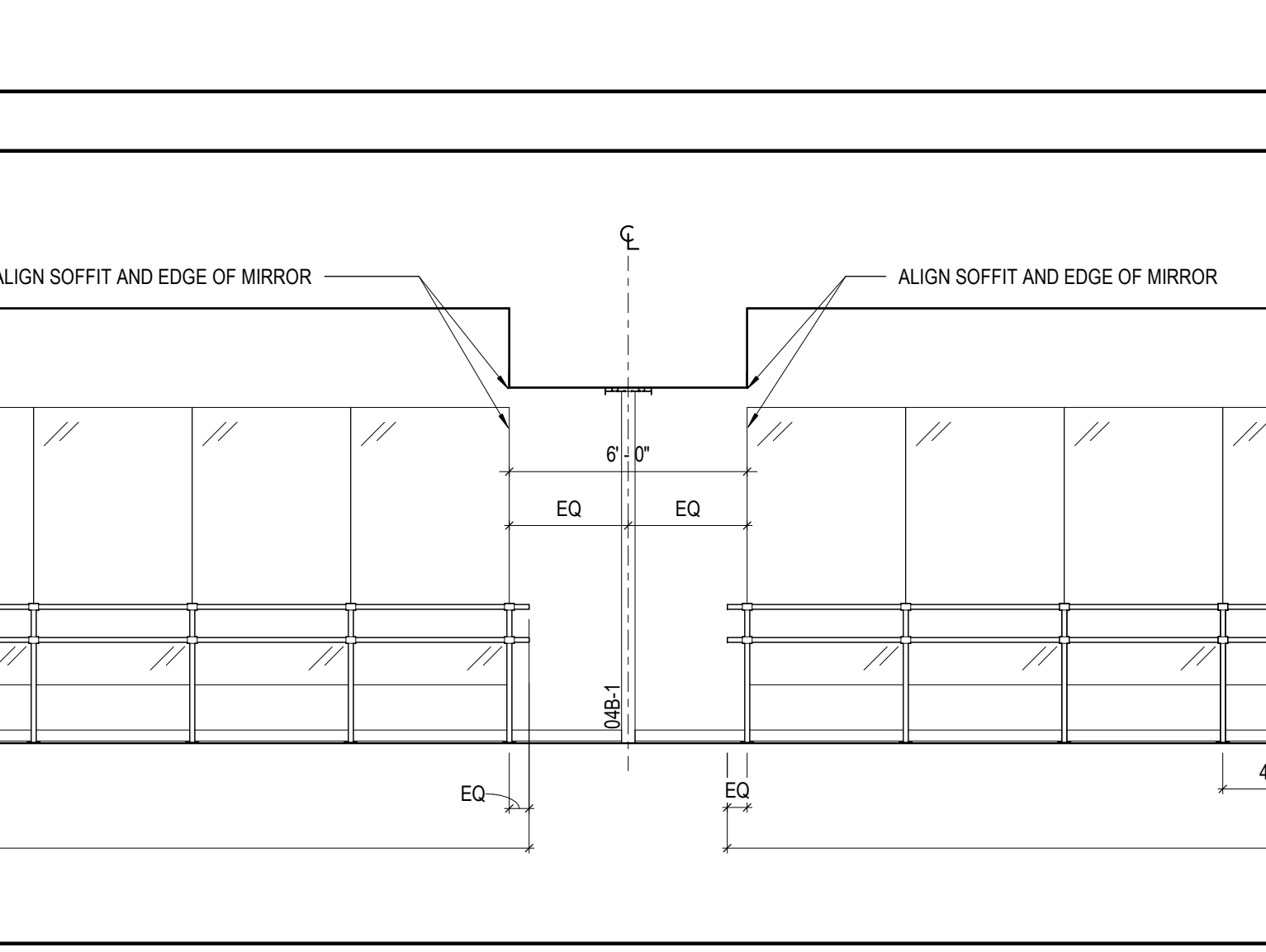
**G3 INTERIOR ELEVATION @ SAUNA 02B**  
 SCALE: 1/4" = 1'-0"

**G11 INTERIOR ELEVATION @ CHECK-IN 00**  
 SCALE: 1/4" = 1'-0"

**G15 INTERIOR ELEVATION @ CHECK-IN 00**  
 SCALE: 1/4" = 1'-0"

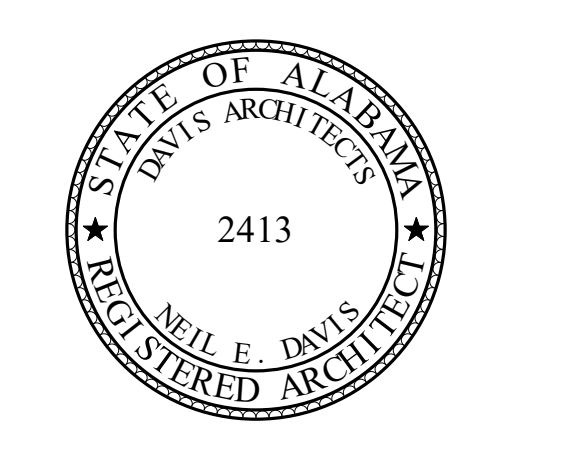


**D6 INTERIOR ELEVATION @ FITNESS ROOM 04 & 05**  
 SCALE: 1/4" = 1'-0"



**A1 ENLARGED PLAN @ SAUNA 01B & 02B**  
 SCALE: 1/4" = 1'-0"

**A6 INTERIOR ELEVATION @ FITNESS ROOM 04 & 05**  
 SCALE: 1/4" = 1'-0"



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CITY OF ORANGE BEACH ;  
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**DAVIS**

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 120 23RD STREET SOUTH  
 BIRMINGHAM, AL 35203  
 205-322-7482  
 ATTN: JIMI HARTSELL / JEFFREY MENASCO

**CIVIL ENGINEER**  
 SAWGRASS CONSULTING, LLC  
 11451 OLD HIGHWAY 31  
 SPANISH FORT, AL 36527  
 251-544-7900  
 ATTN: ERIC E. GODWIN / DOUG CHAFFIN

**STRUCTURAL ENGINEER**  
 MBA ENGINEERS  
 300 20TH ST. N., SUITE 100  
 BIRMINGHAM, AL 35203  
 205-323-6386  
 ATTN: KETH OWENS / MARK BOGER

**MECHANICAL / PLUMBING ENGINEER**  
 GULF STATES ENGINEERING  
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 251-460-4646  
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**FIRE PROTECTION ENGINEER**  
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REV	DATE	DESCRIPTION
1	1/20/20	ADDENDUM 3

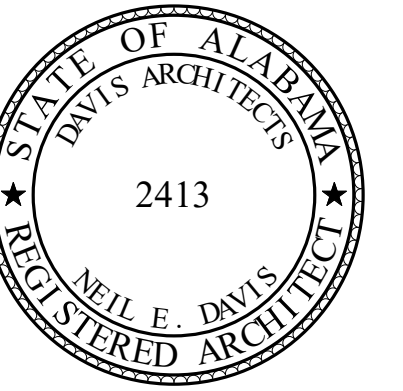
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2-14-2020	100% BID DOCUMENTS
	ADDENDUM 3
	PROJECT NO. 3891.02

**ENLARGED PLANS & INTERIOR  
 ELEVATIONS**

DRAWING NO.

**A501**





ORANGE BEACH RECREATION  
COMPLEX NEW ADULT  
FITNESS CENTER



CITY OF ORANGE BEACH ;  
ORANGE BEACH, AL

**DAVIS**

OWNER  
CITY OF ORANGE BEACH  
PO BOX 458  
ORANGE BEACH, ALABAMA 36561  
251-981-6972  
ATTN: KEN GRIMES, JR.

ASSOCIATE ARCHITECT  
MCCOLLOUGH ARCHITECTURE  
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ORANGE BEACH, AL 36561  
251-968-7222  
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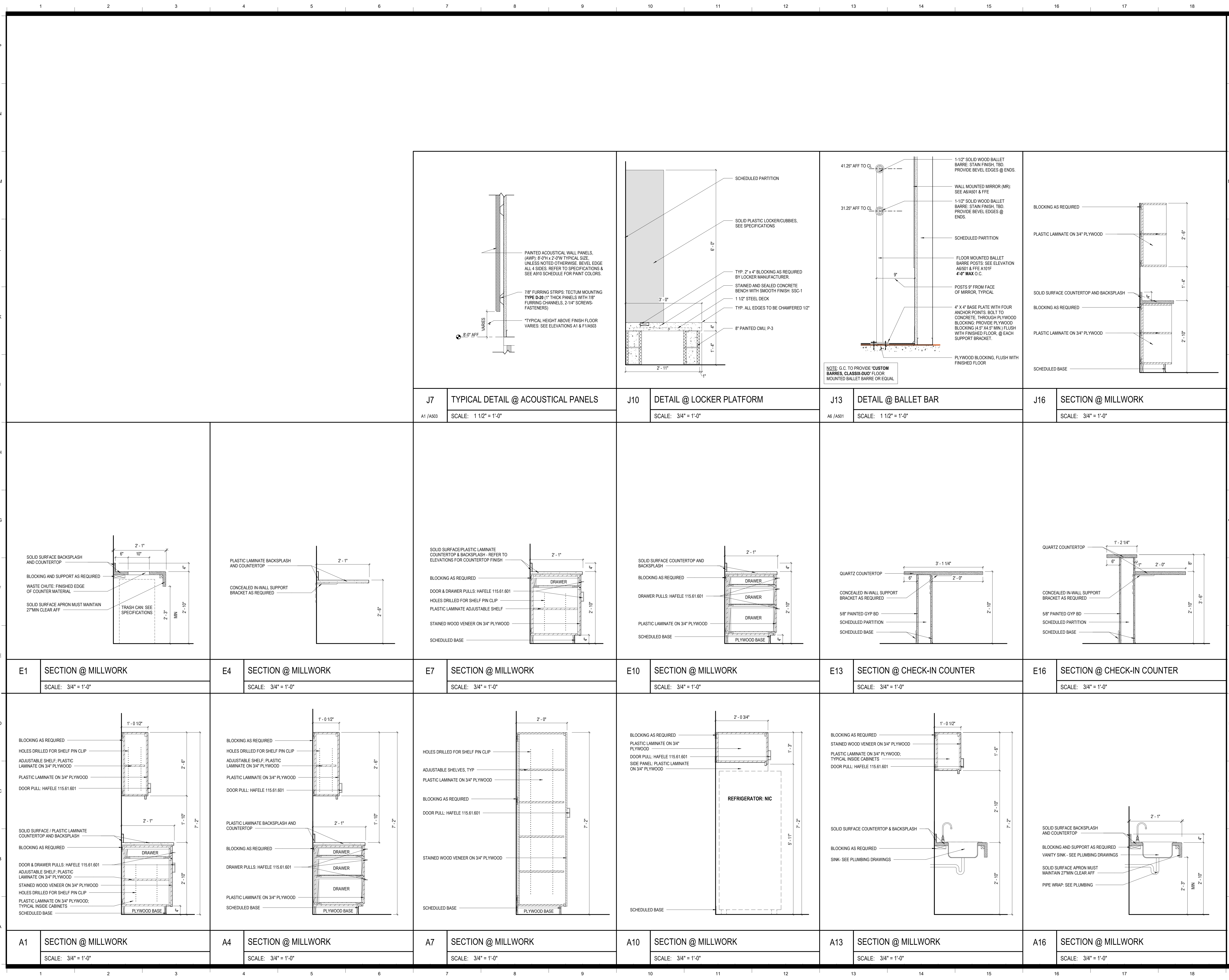
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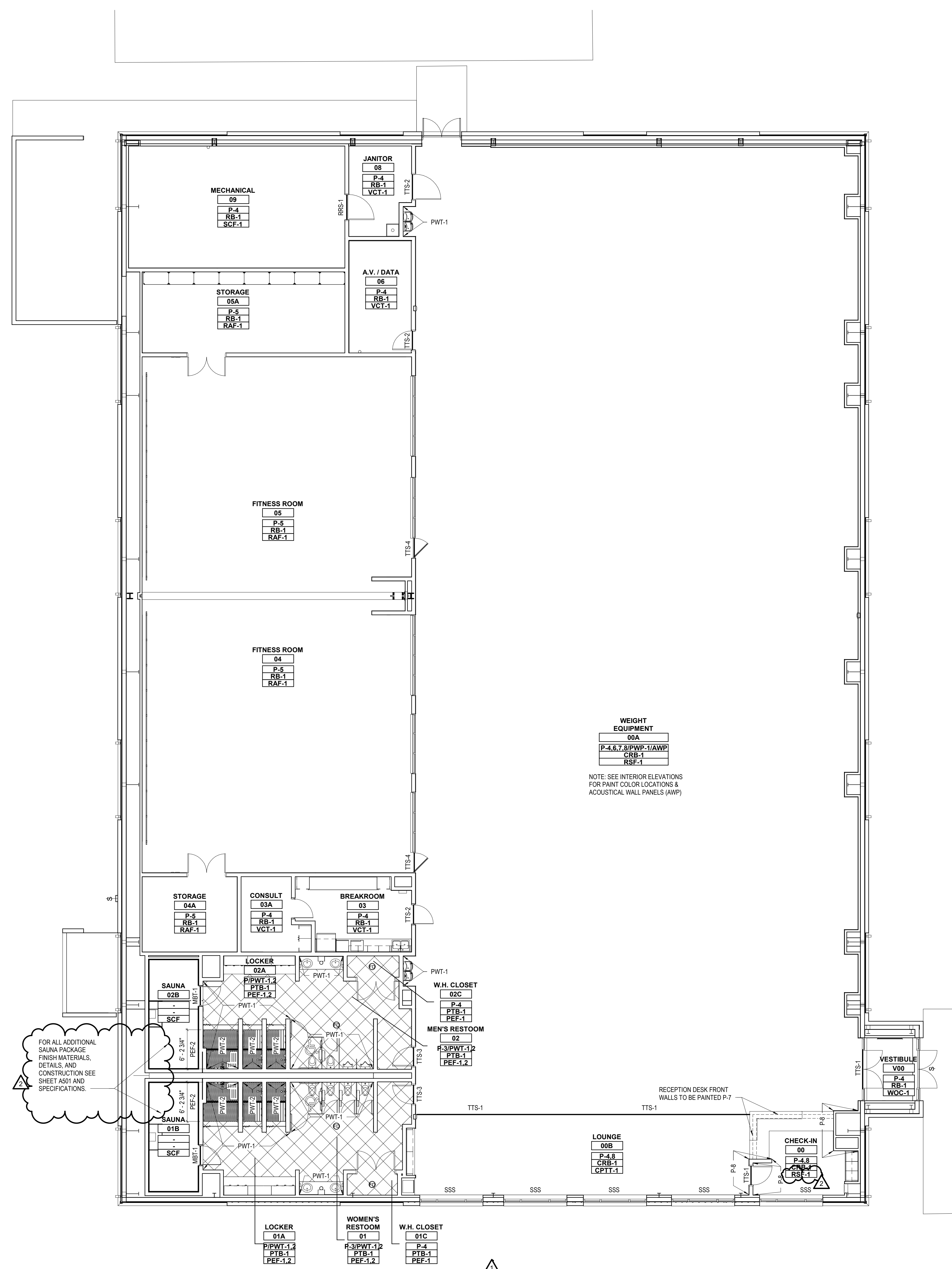
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REV	DATE	DESCRIPTION
1	04/02/20	ADDENDUM 3

DATE	2-14-2020
PROJECT	100% BID DOCUMENTS
ISSUED FOR	ADDENDUM 3
PROJECT NO.	3891.02

SHEET TITLE  
INTERIOR DETAILS





**WEIGHT EQUIPMENT**  
 00A  
 P-4,6,7,8/PWP-1(AWP)  
 CRB-1  
 RSE-1

NOTE: SEE INTERIOR ELEVATIONS FOR PAINT COLOR LOCATIONS & ACOUSTICAL WALL PANELS (AWP)

FOR ALL ADDITIONAL SAUNA PACKAGE FINISH MATERIALS, DETAILS AND CONSTRUCTION SEE SHEET A501 AND SPECIFICATIONS.

**ROOM FINISH GUIDE**

P-1	WALL FINISH
RB-1	BASE FINISH
VCT-1	FLOOR FINISH
P-2	SECONDARY FINISH WHERE SHOWN

**FINISH LEGEND**

**WALL FINISH**

AWP	ACOUSTIC WALL PANELS
EP	EPOXY PAINT
P	PAINT
PWP	PLASTIC WALL PANELS
PWT	PORCELAIN WALL TILE

**FLOOR FINISH**

CPTT	CARPET TILE
PEF	POURED EPOXY FLOORING
PTF	PORCELAIN TILE FLOOR
RAF	RESILIENT ATHLETIC FLOORING
RSF	RUBBER SHEET FLOORING
SCF	SEALED CONCRETE FLOOR
VCT	VINYL COMPOSITION TILE
WOC	WALK OFF CARPET

**BASE FINISH**

CRB	CONTOURED RUBBER BASE
PTB	PORCELAIN TILE BASE
RB	RUBBER BASE

**MISCELLANEOUS FINISH**

PL	PLASTIC LAMINATE
SF	STOREFRONT
SS	SOLID SURFACE
QS	QUARTZ SURFACING

**THRESHOLD LEGEND**

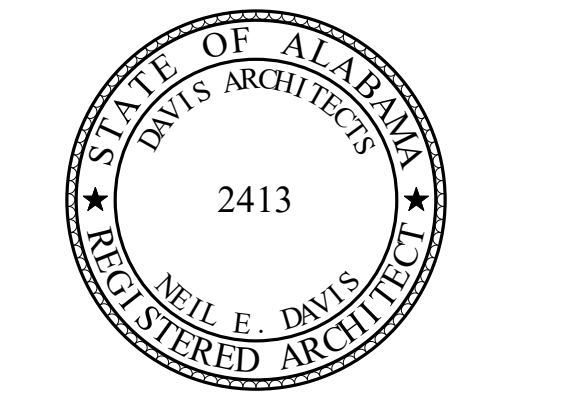
MBT-1	PEF TO SAUNA	A13/A910
RRS-1	VCT TO SCF	C1/A910
TTS-1	CPTT TO RSF	A1/A910
TTS-2	RSF TO VCT	A4/A910
TTS-3	RSF TO PEF	A7/A910
TTS-4	RSF TO RAF	A10/A910

**FLOORING LEGEND**

PEF-1	[Pattern]
PEF-2	[Pattern]

**GENERAL NOTES**

- REFER TO INTERIOR ELEVATIONS FOR MORE INFORMATION ON WALL FINISHES.
- CONCRETE SUB-FLOOR SHALL BE LEVEL WITH A MAXIMUM VARIATION FROM LEVEL OF 1/4" IN 10 FEET.
- UNLESS OTHERWISE NOTED, ALL UTILITIES (CONDUIT, WIRING, ETC.), STRUCTURE, & DUCTWORK SHALL BE PAINTED TO MATCH THE ADJACENT PAINTED SURFACE.
- ALL HOLLOW METAL DOORS & FRAMES, TO BE PAINTED P-2.



**ORANGE BEACH RECREATION COMPLEX NEW ADULT FITNESS CENTER**



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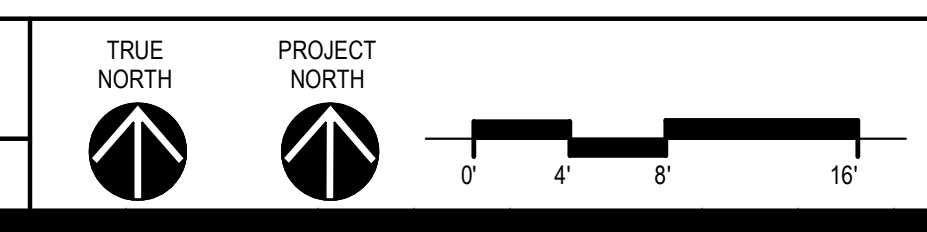
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2	MM/DA/YY	ADDENDUM 2

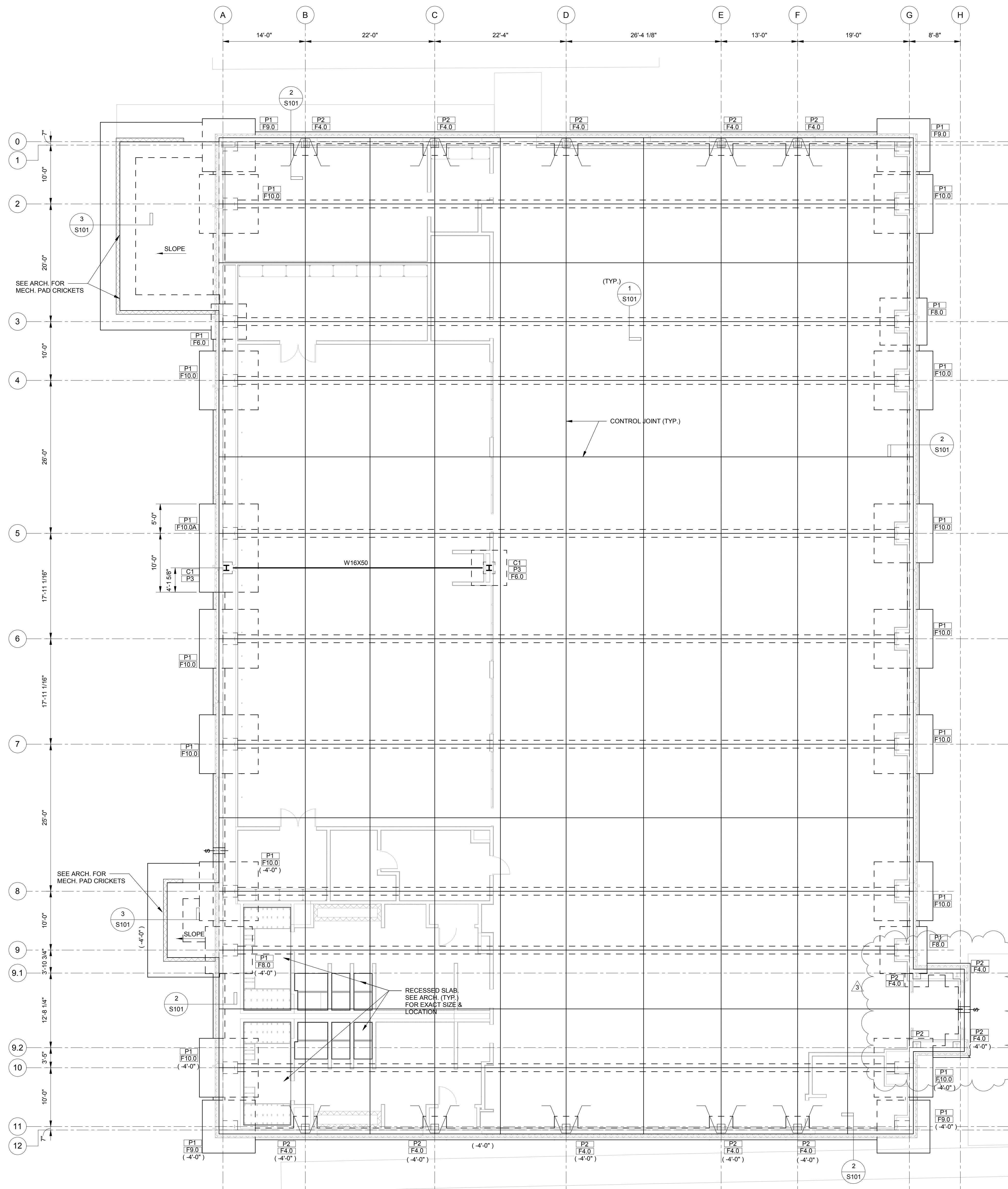
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SCALE	100% BID DOCUMENTS
ISSUED FOR	ADDENDUM 3
DRAWN BY	DAVIS ARCHITECTS
PROJECT NO.	3891.02

SHEET TITLE  
 LEVEL 1 - FINISH PLAN

DRAWING NO.  
**A901**

A1 LEVEL 1 - FINISH PLAN  
 SCALE: 1/8" = 1'-0"





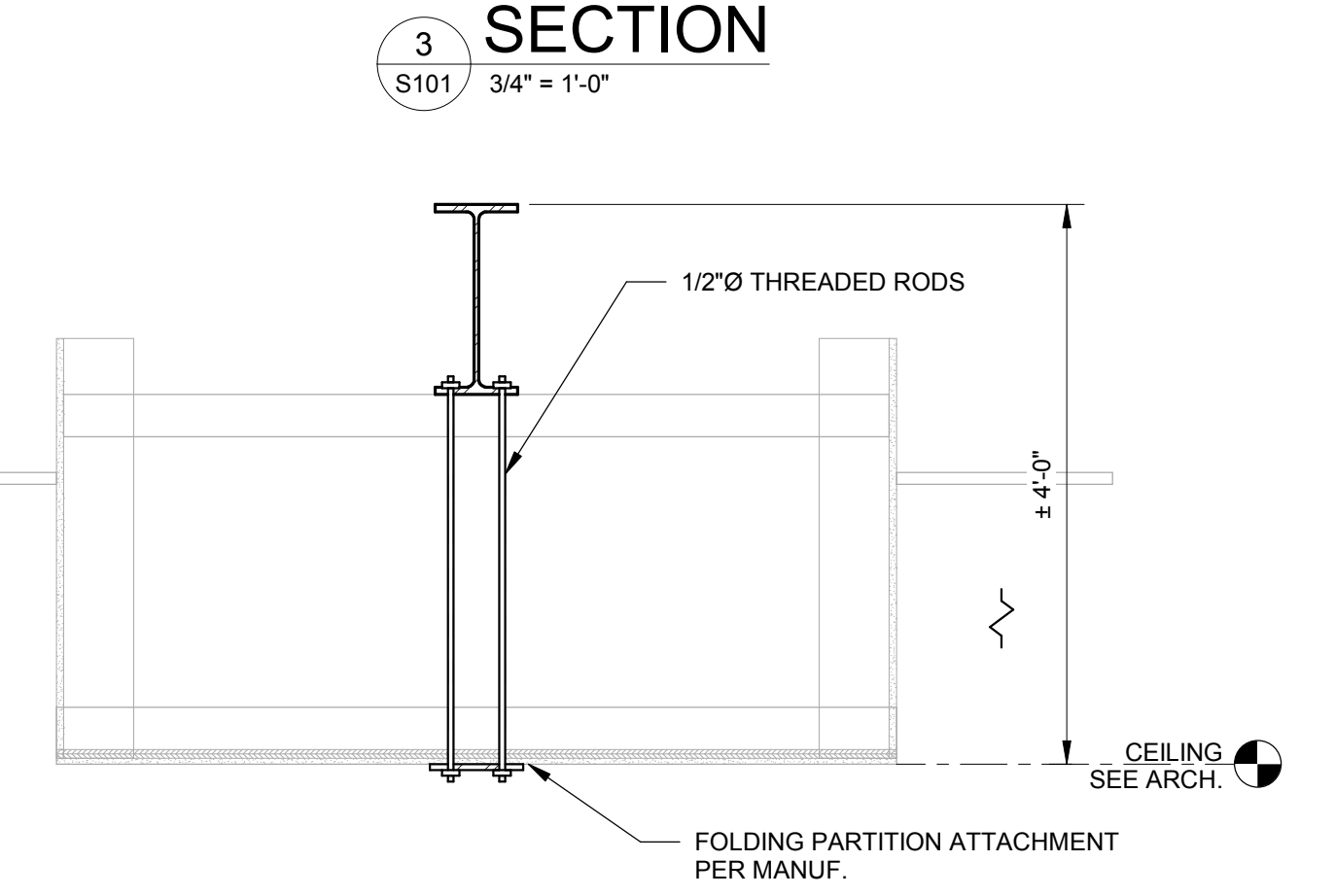
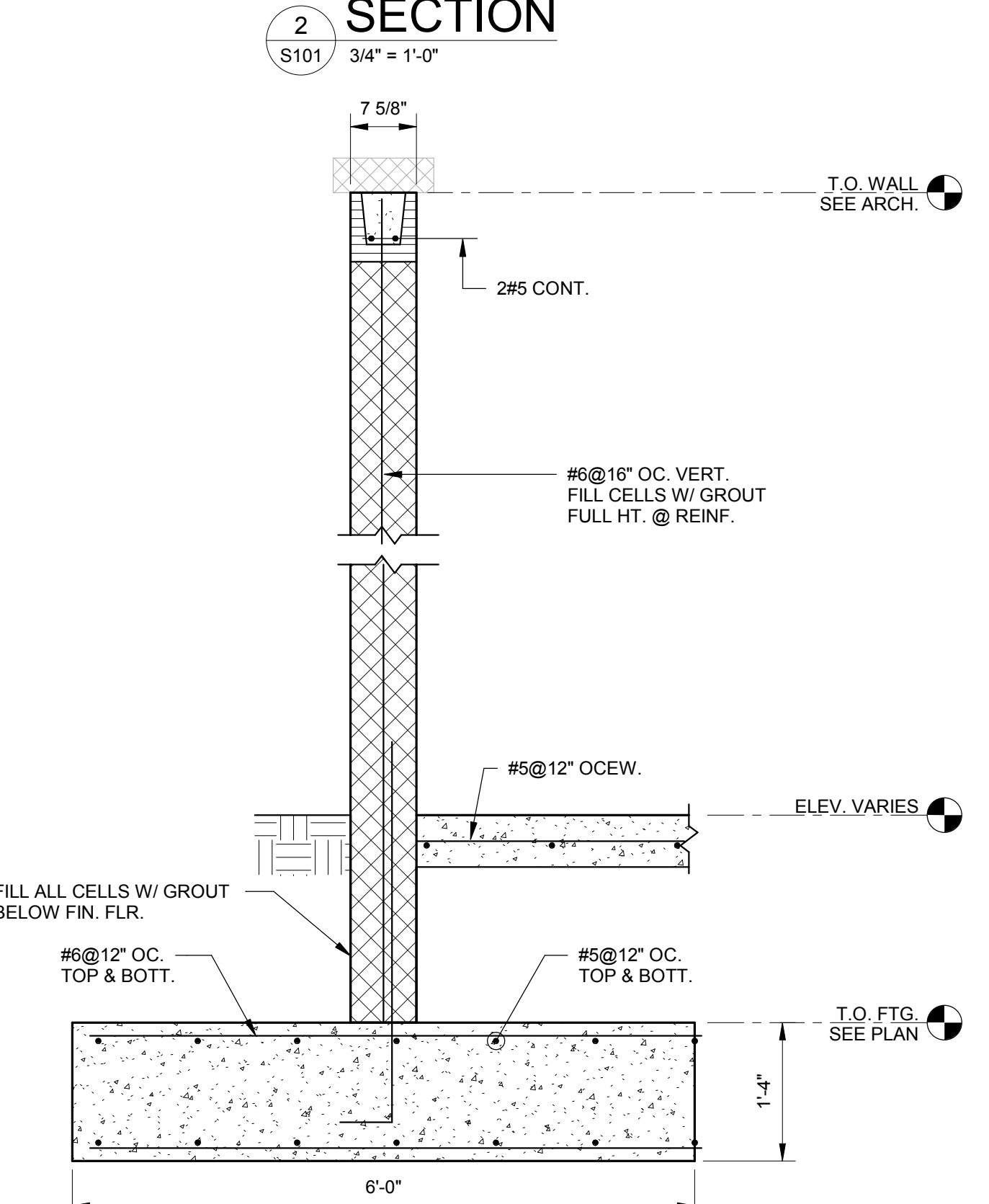
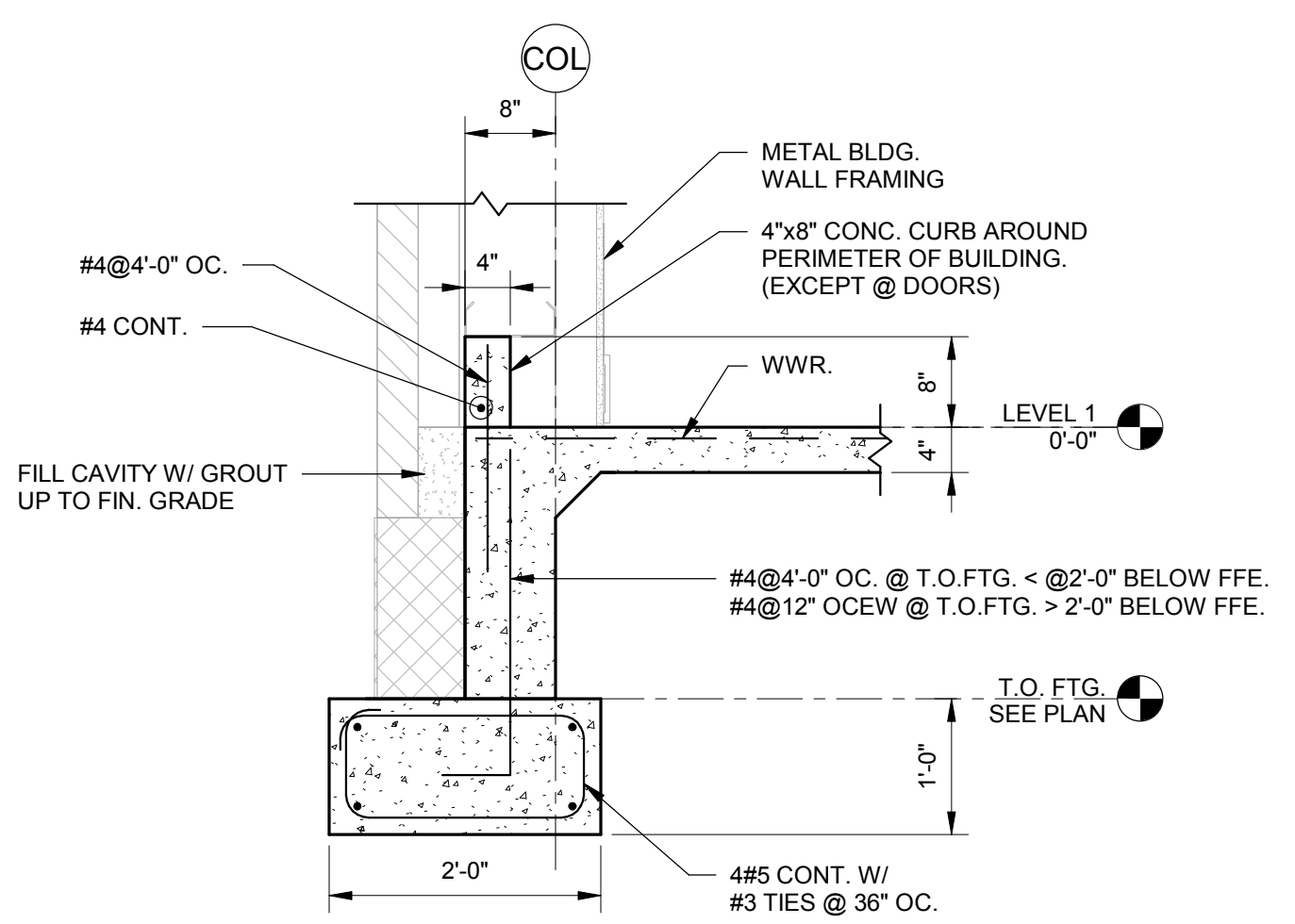
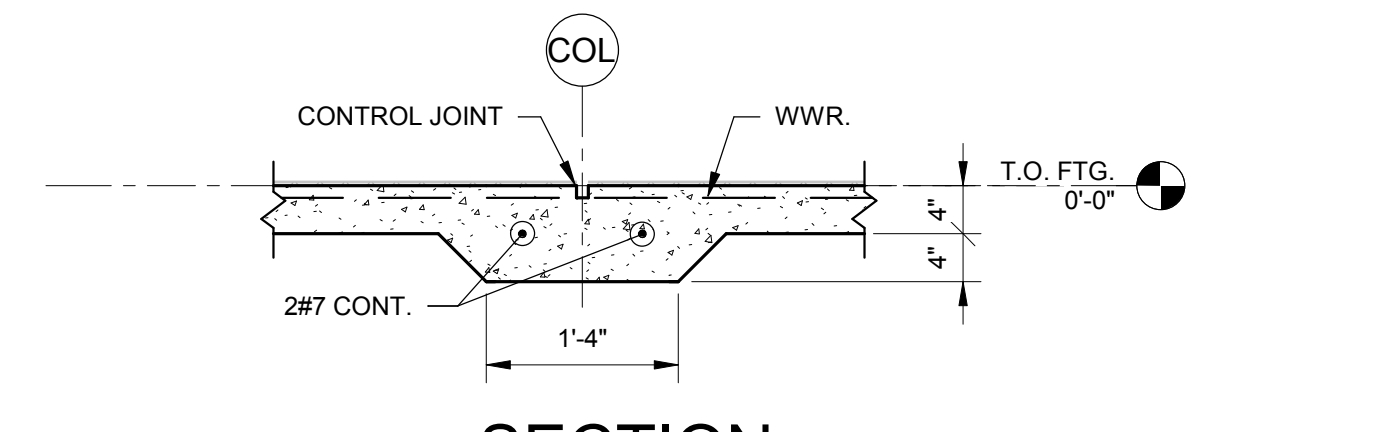
### FOUNDATION AND LEVEL 1 PLAN

1/8" = 1'-0"  
 FIN. FLR. ELEV. = 0'-0"  
 FLOOR CONSTRUCTION:  
 1" N.W. CONC. SLAB ON DRAINAGE FILL. REINF. W/ 6x6-W14x14 WWR.  
 MECH. PAD:  
 8" N.W. CONC. SLAB ON DRAINAGE FILL. REINF. W/ #5@12" OCEW.  
 NOTES:  
 1. TOP OF FOOTING ELEV. = -2'-0" BELOW FIN. FLR UNLESS NOTED THUSLY. (-X'-X")  
 2. PROVIDE THICKENED SLAB AS REQUIRED AT ANY WALL OPENING LOCATIONS WHERE METAL BUILDING STRUCTURE REQUIRES ANCHOR BOLTS.

MARK	SIZE	BASE PLATE DETAIL	ANCHOR BOLTS DETAIL	REMARKS
MARK	C1	SIZE W10X60	BASE PLATE 16X11X1'-4" BP-1	ANCHOR BOLTS (4)-3/4"Ø AB-1

MARK	WIDTH	HEIGHT	REINFORCING	TIES	REMARKS
P1	24"	36"	#10	2#4 @ 12" OC.	
P2	16"	16"	#8	2#4 @ 12" OC.	
P3	24"	24"	#8	2#4 @ 12" OC.	

MARK	WIDTH	LENGTH	THICKNESS	REINFORCING
F4.0	4'-0"	4'-0"	1'-0"	5#5 EW. TOP & BOT.
F6.0	6'-0"	6'-0"	2'-0"	6#6 EW. TOP & BOT.
F8.0	8'-0"	8'-0"	2'-0"	8#6 EW. TOP & BOT.
F9.0	9'-0"	9'-0"	2'-4"	8#7 EW. TOP & BOT.
F10.0	10'-0"	10'-0"	2'-8"	10#7 EW. TOP & BOT.
F10.A	10'-0"	15'-0"	2'-8"	16#7 L.W. TOP & BOT. 12#7 S.W. TOP & BOT.



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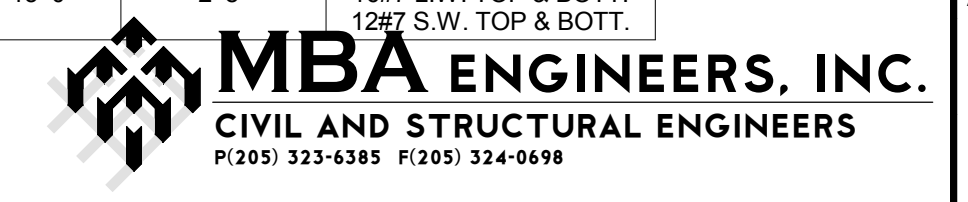
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1	3/4/20	ADDENDUM 1

DATE: 02-14-2020  
 100% BID DOCUMENTS  
 ADDENDUM 3

PROJECT NO: 3981.02  
 DAVIS ARCHITECTS

SHEET TITLE: FOUNDATION AND LEVEL 1 PLAN

DRAWING NO.



S101