



Project: **OAHS Multi-Use Room Building**
Project No. 2-2022-02-22-01
 Orcutt Academy High School
 610 Pinal Ave, Orcutt, CA 93455

Owner: Orcutt Union School District
 500 Dyer Street
 Orcutt, CA 93455

Architect: 19six Architects
 560 Higuera Street, Suite C
 San Luis Obispo, CA 93401

Construction Manager: TELACU Construction Management
 604 N. Eckhoff Street
 Orange, CA 92868

BID ADDENDUM 03

Revision: **April 25, 2022**

Note: The following revisions and clarifications to the Bid Documents (plans and specifications) shall become a part of the Contract Documents upon award of Bid. All Bidders are required to incorporate all necessary changes, additions, or deductions into their proposals.

In case of conflict between Bid Documents and this Addendum, this Addendum shall govern. Bidder shall acknowledge receipt of this Addendum on the Bid Form as noted in the Instruction to Bidders, failure to do so may subject Bidder to disqualification.

Volume I – Project Manual, Bid Procedures and Contract

1. **Revised Document 00 41 13 Bid Form**
2. **Revised Document 00 71 00 Special Conditions**

Volume II – Technical Specifications and Reports

1. **Refer to Addendum 1 by 19-6 Architects which is attached hereto**

Volume III – Bid Set Drawings

1. **Refer to Addendum 1 by 19-6 Architects which is attached hereto**

Prepared by,

TELACU Construction Management

Attachments:

1. 00 41 13 Bid Form - Orcutt Academy MUR - Addendum 03
2. 00 71 00 Special Conditions - Orcutt Academy MUR - Addendum 03
3. Addendum 1 by 19-6 Architects - Orcutt Academy MUR dated 4/19/2022

DOCUMENT 00 41 13

BID FORM

Bid Package – General Construction
Orcutt Academy High School Multi-Use Room Building

To: Governing Board of Orcutt Union School District (“District” or “Owner”)

From: _____
(Proper Name of Bidder)

Project: Bid No. **2-2022-02-22-01**

- 1. Total Bid.** The undersigned declares that the Contract Documents including, without limitation, the Invitation to Bid, the Instructions to Bidders, and the Special Conditions have been read, and agrees and proposes to furnish all necessary labor, materials, and equipment to perform and furnish all work in accordance with the terms and conditions of the Contract Documents, including, without limitation, the Drawings and Specifications for the following project:

Orcutt Academy High School Multi-Use Room Building (“Project” or “Contract”)

and will accept in full payment for that Work the following total lump sum amount, all taxes included:

_____ Dollars	\$	_____
(A) Base Bid		
_____ Fifty Thousand _____ Dollars	\$	50,000.00
(B) Owner Controlled Allowance		
_____ Dollars	\$	_____
(C) TOTAL BASE BID (A+B)		

2. Additive/Deductive Alternates:

~~Alternate #1 - In the event of unsuitable soils at the building pad over excavation~~

_____ Dollars \$ _____

Additive/Deductive Description: Remove/export existing soils within the over-excavation limits and import with Class II Crushed Aggregate Base. Refer to Special Conditions for detailed description.

Alternate #1 – Parking Lot Scope

_____ Dollars \$ _____

Additive Description: Parking Lot Scope - Grading, paving, concrete curbs/sidewalks, underground utilities, landscaping and electrical.

Descriptions of alternates are primarily scope definitions and do not necessarily detail the full range of materials and processes needed to complete the construction.

3. Unit Price(s). The Bidder’s Base Bid includes the following unit price(s), which the Bidder must provide and the District may, at its discretion, utilize in valuing additive and/or deductive change orders:

- 1.) Imported Class II Aggregate Base (No Recycled Material) - Unit cost per cubic yard
- 2.) Tensar TX160 triaxial geogrid - Unit Cost per square foot

4. Allowance(s). The Bidder’s Base Bid shall **NOT** include the following potential Allowance(s). The District will add some or all of the following Allowance(s) amount(s) to the successful bidder’s Contract, at the District’s discretion. Contractor shall be permitted to invoice for Work under an Allowance in the identical structure as a Change Order.

Owner Allowance - \$50,000.00

5. Contract Review. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this bid, understands the construction and project management function(s) is described in the Contract Documents, and that each Bidder who is awarded a contract shall be in fact a prime contractor, not a subcontractor, to the District, and agrees that its bid, if accepted by the District, will be the basis for the Bidder to enter into a contract with the District in accordance with the intent of the Contract Documents.

6. Requests for Clarification. The undersigned has notified the District in writing of any discrepancies or omissions or of any doubt, questions, or ambiguities about the meaning of any of the Contract Documents, and has contacted the Construction Manager before bid date to verify the issuance of any clarifying Addenda.

7. Contract Time. The undersigned agrees to commence work under this Contract on the date established in the Contract Documents and to complete all work within the time specified in the Contract Documents.

8. Contractual Provisions. The undersigned hereby acknowledges and agrees to be bound by following provisions and all provisions in the Contract Documents:

- The liquidated damages clause of the General Conditions and Agreement.

- The “Changes in the Work” provisions in the General Conditions that limit the permitted charges and mark-ups on change orders and on the amount of home office overhead that the successful bidder can receive from the District.
- The “Claims” provisions in the General Conditions that delineate the required process to submit and process disputes and claims.

9. **Bid Open for 90 Days.** It is understood that the District reserves the right to reject this bid and that the bid shall remain open to acceptance and is irrevocable for a period of ninety (90) days.

10. **Attachments.** The following documents are attached hereto:

- The Bid Bond on the District's form or other security. **Bidder must attach Power of Attorney and Certificate of Authority for Surety and a Notarial Acknowledgement for all Surety’s signatures. The California Department of Insurance must authorize the Surety to be an admitted Surety Insurer.**
- The Designated Subcontractors List
- The Site Visit Certification
- The Non-Collusion Declaration
- Iran Contracting Act Certification
- Disabled Veteran’s Business Enterprise Participation Certification
- Key Personnel Designation (00 70 00-13)

11. **Addenda Acknowledgement.** Receipt and acceptance of the following addenda is hereby acknowledged:

No.____, Dated _____	No.____, Dated _____
No.____, Dated _____	No.____, Dated _____
No.____, Dated _____	No.____, Dated _____
<input type="checkbox"/> Or check here if no addenda were issued.	

12. **Bidder’s License.**

- Bidder acknowledges that the license required for performance of the Work is as stated in the Invitation to Bid.
- Bidder certifies that it is, at the time of bidding, and shall be throughout the period of the contract, licensed by the State of California to do the type of work required under the terms of the Contract Documents. Bidder further certifies that it is regularly engaged in the general class and type of work called for in the Contract Documents.

13. **Labor Harmony.** The undersigned hereby certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the Work.

14. **DIR Registration.** Bidder shall ensure that it and its Subcontractors comply with the registration and compliance monitoring provisions of Labor Code section 1771.4, including furnishing its CPRs to the Labor Commissioner, and are registered pursuant to Labor Code section 1725.5.

15. **SWPPP QSP.** Bidder specifically acknowledges and understands that if it is awarded the Contract, it shall perform the Work of the Project related to being the District's Qualified SWPPP (Storm Water Pollution Prevention Plan) Practitioner ("QSP") and that the Bidder is certified to be the District's QSP, as required by the current California State Water Board's Construction General Permit.

16. **General Acknowledgement.** The Bidder represents that it is competent, knowledgeable, and has special skills with respect to the nature, extent, and inherent conditions of the Work to be performed. Bidder further acknowledges that there are certain peculiar and inherent conditions existent in the construction of the Work that may create, during the Work, unusual or peculiar unsafe conditions hazardous to persons and property. Bidder expressly acknowledges that it is aware of such peculiar risks and that it has the skill and experience to foresee and to adopt protective measures to adequately and safely perform the Work with respect to such hazards.

17. False Claims Act. Bidder expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act. It may also be considered fraud and the Contractor may be subject to criminal prosecution.

Furthermore, Bidder hereby certifies to the District that all representations, certifications, and statements made by Bidder, as set forth in this bid form, are true and correct and are made under penalty of perjury.

Dated this _____ day of _____ 20 _____

Signature _____

Signed by (Print Name) _____

Title of Person Signing _____

Name of Bidder _____

Type of Organization _____

Address of Bidder _____

Taxpayer's Identification No. of Bidder _____

Telephone Number _____

Fax Number _____

E-mail _____ Web page _____

Bidder's DIR Registration No.: No.: _____

Contractor's License No(s): No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

If Bidder is a corporation, provide the following:

Name of Corporation: _____

President: _____

Secretary: _____

Treasurer: _____

Manager: _____

END OF DOCUMENT

DOCUMENT 00 71 00**SPECIAL CONDITIONS**

1. **Prevailing Wages:** Contractor shall pay and shall cause to be paid each worker engaged in Work on the Project not less than the general prevailing rate of per diem wages determined by the Director of the Department of Industrial Relations (“DIR”) (“Director”), regardless of any contractual relationship which may be alleged to exist between Contractor or any Subcontractor and such workers. Companies that manufacture and deliver ready-mixed concrete directly to construction sites using their own drivers, are not subject to this requirement pending the final adjudication of *Allied Concrete & Supply Co., v. Edmund Gerald Brown Jr., et al.*, United State District Court, Central District of California, Case. No. 2:16-CV-04830-RGK (FFM).

2. **Mitigation Measures**

Contractor shall comply will all applicable mitigation measures, if any, adopted by any public agency with respect to this Project pursuant to the California Environmental Quality Act. (Public Resources Code section 21000 et. seq.)

3. **Construction Manager.** The District has hired a Construction Manager to coordinate and oversee the work. Contractor shall coordinate directly with the Construction Manager in order to accomplish the work. Contractor shall direct all Project Correspondence and Documentation through the Construction Manager and designated Project Documentation software, unless directed otherwise. Contractor shall have no direct communications with the OWNER and/or ARCHITECT, unless written permission is provided.

4. **Owner Allowance.** The District has established an Allowance for this project. The allowance amount is noted on the Bid Form. The Allowances shall be added to the Base Bid Amount and included in the Total Base Bid amount and shall be inclusive of insurance, bond, and overhead/profit. Please note the conditions for the use of the Allowance as defined in this Specification Section.
 - a. The Allowance shall be identified as an individual line item on the Schedule of Values and designated as Owner Allowance.
 - b. The Allowance shall not be used unless the CONTRACTOR receives formal written direction from the CONSTRUCTION MANAGER identifying the additional work at which time the CONTRACTOR shall submit to the CONSTRUCTION MANAGER/OWNER for its consideration and approval or disapproval the costs associated with the work. Alternatively, the CONTRACTOR may be directed to proceed on a Time and Materials basis, for which CONTRACTOR shall provide daily verification via daily material tickets and material invoices which shall be approved by the CONSTRUCTION MANAGER and/or Project Inspector at the start and end of each T&M activity.
 - c. Approval of Allowance expenditures will require the typical Change Order Procedures as described in the General Conditions.
 - d. Any Allowance funds remaining at the completion of the Project shall remain unspent and allocated to the Owner via a deductive Change Order.

5. **Bid Alternates.**
 - a. ~~The Project includes Additive Alternate Bid #1 for alternate soil mitigation measures which is described as follows:—~~
 - (1) ~~The Geotechnical Report dated May 17, 2021 is a part of the Contract Documents and includes various requirements and procedures that must be complied with in order to prepare the project site and existing soils. Specifically the report identifies some Shallow Groundwater which was encountered at a depth as shallow as 3’. The report identifies procedures which the contractor must implement in order to properly over excavate and re-compact the existing soils, which include but are not limited to: hiring a professional consultant specializing in dewatering design, and removing aerating and drying the existing soils to near optimum moisture content prior to—~~

~~compaction. The Contractor's Base Bid and Baseline Schedule shall include all of these requirements.~~

- (2) ~~As an alternate means to removing and aerating the existing soils, the Contractor shall provide an Additive Alternate price which shall include the following:~~
 - a) ~~In lieu of removal, aerating, and re-compaction of existing soils within the Building Area, the Additive Alternate shall include the export of all existing Building Area soils to an offsite location which shall be determined by the Contractor and included within the Alternate price.~~
 - b) ~~In lieu of reuse of existing soils, Contractor shall import new clean Class II AB (Caltrans, 2018b) and utilize to achieve pad certification.~~
 - c) ~~Note, that the Geotechnical Report already suggests that a geogrid may need to be placed at the bottom of the Building Area excavation with aggregate base placed on top in the event that an unstable excavation bottom is encountered. This requirement, as well as all other conditions of the soils report are still a part of the Additive Alternate price and contract regardless of whether or not the District accepts the alternate. It is therefore recommended that the contractor not duplicate the costs of the geogrid and Class II AB in the additive alternate price as it is also included within the base bid.~~
 - d) ~~The Additive Alternate pricing should be the difference between removal, drying and re-compaction of existing soils (base bid) and the export of existing soils and import of new Class II base only.~~
- (3) ~~The District, in its sole discretion, may elect to award a contract inclusive of the Additive Alternate pricing, however make the determination on the Building Area soil preparation during the course of construction. As such, if the Additive Alternate is awarded, the associated value shall be included as a separate line item on the Schedule of Values. If the alternate import of Class II AB method is not utilized due to favorable existing soils conditions, then the additive cost shall be credited back to the District via deductive change order~~

b. The project ~~also~~ includes Additive Alternate Bid #1, which is to include the parking lot scope in its entirety as shown in the bid documents.

6. **Temporary Facilities for Inspector and Construction Manager**

a. The Contractor shall provide for the use of the Owner's DSA Inspector and Construction Manager a temporary field office (or offices) and dedicated lockable restroom to be located as directed by the owner and to be maintained until removal is authorized by the Owner. This office facility shall include two offices, a conference room space and be a Prefabricated or mobile units with serviceable finishes, temperature controls, and foundations adequate for normal loading located within construction area or within 30 feet of building lines. Comply with NFPA 241. The door shall have a lock. A table satisfactory for the study of plans and four chairs shall be provided by the Contractor. The Contractor shall provide and pay for adequate electric lights, internet service, and adequate heat for this field office until the completion of the Contract.

7. **Site Access and Coordination**

a. **Access.** Access to the school buildings and entry to buildings, classrooms, restrooms, mechanical rooms, electrical rooms, or other rooms, for construction purposes, must be coordinated with the Construction Manager, District and onsite District personnel before Contractor commences Work. Unless agreed to otherwise in writing, only a school custodian will be allowed to unlock and lock doors in existing building(s). The custodian will be available only while school is in session. If a custodian is required to arrive before 7:00 a.m. or leave after 3:30 p.m. to accommodate Contractor's Work, the overtime wages for the custodian will be paid by Contractor, unless, at the discretion of the District, other arrangements are made in advance.

- b. **Master Key.** Upon request, the District may, at its own discretion, provide a master key to the school site for the convenience of Contractor. Contractor agrees to pay all expenses to re-key the entire school site and all other affected District buildings if the master key is lost or stolen or if any unauthorized party obtains a copy of the key or access to the school.
- c. **Maintaining Services.** Contractor is advised that Work is to be performed in spaces regularly scheduled for instruction. Interruption and/or periods of shutdown of public access, electrical service, water service, lighting, or other utilities shall be only as arranged in advance with the District. Contractor shall provide temporary services to all facilities interrupted by Contractor's Work.
- d. **Maintaining Utilities.** Contractor shall maintain in operation during term of the Contract, drainage lines, storm drains, sewers, water, gas, electrical, steam, and other utility service lines within working area.
- e. **Work During Instructional Time.** By submitting its bid, Contractor affirms that Work may be performed during ongoing instruction in existing facilities. If so, Contractor agrees to cooperate to the best of its ability to minimize any disruption to the school up to, and including, rescheduling specific work activities, at no additional cost to the District.
- f. **No Work During Student Testing.** Contractor shall, at no additional cost to the District and at the District's request, coordinate its Work to not disturb District students including, without limitation, not performing any Work when students at the Site are taking State-required tests.

8. **Badge Policy For Contractors**

Contractor shall provide their workers and all of Subcontractors' workers with identification badges when working during instruction time or be behind a physical barrier i.e. fence. These badges shall be worn by all members of Contractor's staff and all of Subcontractors' staff who are working in a District facility.

- a. Badges must be filled out in full and contain the following information:
 - (1) Name of Contractor or Subcontractor
 - (2) Name of Employee
 - (3) Contractor's address and phone number
- b. Badges must be worn when Contractor or his/her employees and Subcontractors are on Site and must be visible at all times. Contractors must inform their employees and Subcontractors that they are required to allow District employees, the Architect, the Construction Manager, the Program Manager, or the Project Inspector to review the information on the badges upon request.
- c. Failure to display identification badges as required by this policy may result in the assessment of fines against the Contractor.

9. **Substitution for Specified Items**

- a. Requests for substitutions prior to award of the Contract shall be done within the time period indicated in the Instructions to Bidders.
- b. Requests for substitutions after award of the Contract shall be within **THIRTY-FIVE (35)** days of the date of the Notice of Award. This time period can be extended by the District only, in its sole discretion.
- c. Whenever in the Specifications any materials, process, or article is indicated or specified by grade, patent, or proprietary name, or by name of manufacturer, that Specification shall be deemed to be followed by the words "or equal." Contractor may, unless otherwise stated, offer any material, process, or article that shall be substantially equal or better in every respect to that so indicated or specified.

- (1) If the material, process, or article offered by Contractor is not, in the opinion of the District, substantially equal or better in every respect to that specified, then Contractor shall furnish the material, process, or article specified in the Specifications without any additional compensation or change order.
 - (2) This provision shall not be applicable with respect to any material, product, thing or service for which the District made findings and gave notice in accordance with Public Contract Code section 3400(b); therefore, Contractor shall not be entitled to request a substitution with respect to those materials, products or services.
- d. A request for a substitution shall be in writing and shall include:
- (1) All variations of the proposed substitute from the material specified including, but not limited to, principles of operation, materials, or construction finish, thickness or gauge of materials, dimensions, weight, and tolerances;
 - (2) Available maintenance, repair or replacement services;
 - (3) Increases or decreases in operating, maintenance, repair, replacement, and spare parts costs;
 - (4) Whether or not acceptance of the substitute will require other changes in the Work (or in work performed by the District or others under contract with the District); and
 - (5) The time impact on any part of the Work resulting directly or indirectly from acceptance of the proposed substitute.
- e. No substitutions shall be made until approved, in writing, by the District. The burden of proof as to equality of any material, process, or article shall rest with Contractor. Contractor warrants that if substitutes are approved:
- (1) The proposed substitute is equal or superior in all respects to that specified, and that such proposed substitute is suitable and fit for the intended purpose and will perform adequately the function and achieve the results called for by the general design and the Contract Documents;
 - (2) Contractor provides the same warranties and guarantees for the substitute that would be provided for that specified;
 - (3) Contractor shall be fully responsible for the installation of the substitute and any changes in the Work required, either directly or indirectly, because of the acceptance of such substitute, with no increase in Contract Price or Contract Time. Incidental changes or extra component parts required to accommodate the substitute will be made by Contractor without a change in the Contract Price or Contract Time;
 - (4) The Contractor shall be responsible for any re-design costs occasioned by the District's acceptance and/or approval of any substitute; and
 - (5) The 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. In this event, the Contractor agrees to execute a deductive Change Order to reflect that credit.
- f. In the event Contractor furnishes a material, process, or article more expensive than that specified, the difference in the cost of that material, process, or article so furnished shall be borne by Contractor.
- g. In no event shall the District be liable for any increase in Contract Price or Contract Time due to any

claimed delay in the evaluation of any proposed substitute or in the acceptance or rejection of any proposed substitute.

- h. If the District approves a substitution after the award of the Contract, the District shall memorialize that approval in a Change Order or other applicable Contract modification process.

10. Fingerprinting

Contractor shall comply with the provisions of Education Code section 45125.2 regarding the submission of employee fingerprints to the California Department of Justice and the completion of criminal background investigations of its employees, its subcontractor(s), and its subcontractors’ employees. Contractor shall not permit any employee to have any contact with District pupils until such time as Contractor has verified in writing to the governing board of the District, that such employee has not been convicted of a felony, as defined in Education Code section 45122.1. Contractor shall fully complete and perform all tasks required pursuant to the Criminal Background Investigation/ Fingerprinting Certification.

11. Weather Days

Delays due to Adverse Weather conditions will only be permitted in compliance with the provisions in the General Conditions and only if the number of days of Adverse Weather exceeds the following parameters:

January	[11]	July	[0]
February	[10]	August	[0]
March	[10]	September	[1]
April	[6]	October	[4]
May	[3]	November	[7]
June	[1]	December	[10]

12. Permits, Certificates, Licenses, Fees, Approval

- a. **Approvals, Certificates, Fees, Inspections, Licenses, Permits, Etc.**

(1) **Permits in Bid Price.** Contractor shall include in its Bid the cost of any approvals, certificates, fees, inspections, licenses, permits or similar requirements necessary for the performance of the Work (“Permits”).

- a) “Permits” includes, without limitation, any of the following if required: temporary or permanent building, mechanical, electrical or plumbing permits; certificates of occupancy; curb-breaking permits, highway entrance permits; water permits; local inspector fees; etc.
- b) “Permits” does not include Project Inspector fees (which will be paid by the District unless otherwise indicated herein), professional licensing, or contractors’ licensing.
- c) The Contractor shall be required to obtain the following Permits:

(a) CalOSHA Excavation Permit

(b) Encroachment Permit

Contractor shall ensure sufficient time in its Construction Schedule to secure and obtain all permits and shall not be permitted to claim a delay in the Project due to a delay in obtaining a Permit.

- b. **Storm Water**

(1) Contractor shall perform the Work of install and maintaining Best Management practices for SWPPP

(2) As the District's QSP, Contractor 18SY-BP1 shall be responsible for storm water and non-storm water visual observations, sampling, and analysis if applicable, as pertinent to work less than an acre of previously disturbed area, .

(3) Contractor shall strictly follow the requirements to implement all the provisions of the SWPPP BMPs.

(4) Contractor's indemnity obligations are applicable to any damages, penalties, fees, charges, or related expenses assessed or charged to the District by any water boards or agencies with jurisdiction related to compliance with the Storm Water Permits.

c. **Project Inspection**

In addition to the requirements in the Contract Documents related to cooperation with and authority of the DSA Project Inspector(s) for the Project, Contractor acknowledges that the DSA inspection, approval and certification process for projects was revised in 2012-2013 and that Contractor must comply with the requirements of the most recent versions of DSA document PR 13-01. Below are provisions of this document from 2012-2013: PR 13-01 (Procedure: Construction Oversight Process) - Duties of Contractor related to the use of "Project Inspection Card" (Form DSA 152).

(1) Contractor shall carefully study the DSA approved documents and shall plan a schedule of operations well ahead of time.

(2) If at any time it is discovered that work is being done which is not in accordance with the DSA approved construction documents, Contractor shall correct the work immediately.

(3) Verify that forms DSA 152 are issued for the project prior to the commencement of construction.

(4) Meet with the design team, the Laboratory of Record and the Project Inspector to mutually communicate and understand the testing and inspection program and the methods of communication appropriate for the project.

(5) Notify the Project Inspector, in writing, of the commencement of construction of each and every aspect of the work at least 48 hours in advance by submitting form DSA 156 (or other agreed upon written documents) to the Project Inspector.

(6) Notify the Project Inspector of the completion of construction of each and every aspect of the work by submitting form DSA 156 (or other agreed upon written documents) to the Project Inspector.

(7) Consider the relationship of the signed off blocks and sections of the form DSA 152 and the commencement of subsequent work. Until the Project Inspector has signed off applicable blocks and sections of the form DSA 152, Contractor may be prohibited from proceeding with subsequent construction activities that cover up the unapproved work. Any subsequent construction activities, that cover up the unapproved work, will be subject to a "Stop Work Order" from the DSA or the District and are subject to removal and remediation if found to be in non-compliance with the DSA approved construction documents.

END OF DOCUMENT

ADDENDUM NO. 01

Project: Orcutt Union School District
 Orcutt Academy High School
Multi-Use Room Building

19six No. 20179.01
 DSA App. No.: 03-121912 File No.: N/A
 Bid No.: ###

Date: April 19, 2022

To all bidders submitting proposals for the above captioned project. This Addendum is hereby included in the Contract Documents to the same extent as though it were originally included therein. The following items modify, add to, delete from, or explain the drawings and/or specifications. The contents of this Addendum shall take precedence over the original specifications and plans.

SPECIFICATIONS

- Item #1:** **Substantial Completion.** Revise Substantial Completion submission of Project Record Documents and similar information to be in print format and digital format. See revised page 2 of specification section 01 77 00.
- Item #2:** **Record Documents and Shop Drawings.** Add Record Documents and Shop Drawings sub-section to specification section 01 77 00. See revised page 2 of specification section 01 77 00.
- Item #3:** **05 51 33 Ladders.** Revise specification section 05 51 33 Ladders per attached revised section 05 51 33 Ladders.
- Item #4:** **Finish Hardware.** Revise Door Hardware Schedule per attached revised section 08 71 00 Door Hardware.

DRAWINGS

- Item #5:** **Bid Alternates.** Add bid alternate #1 Parking Lot as noted on revised sheets G-101, C-201, C-202, C-301, L-101, L-201, A-101, E-101.
- Item #6:** **Unit Pricing** Provide unit pricing for imported base and geogrid as noted on revised sheet G-001.
- Item #7:** **Path of Travel.** Revise path-of-travel to originate from existing accessible parking stalls and include existing parking area in parking analysis. See revised sheets G-101 and A-102.

- Item #8:** **Occupancy Separation.** Remove occupancy separation between MUR room and classrooms. Separation is not required per 2019 CBC Table 508.4. See revised sheet G-201.
- Item #9:** **Sidewalk at Parking Entry.** Revise sidewalk, curbs and truncated domes locations at parking lot entry. Add section at sidewalk. Revise curb ramp detail "O". Move Section A-A from sheet C-403 to C-201. See revised sheets C-201, C-202, C-301, C-402, C-403.
- Item #10:** **Drawing Scale.** Change noted drawing scale from 1"=10' to 1"=20'. See revised sheet C-301
- Item #11:** **Landscaping Ground Cover.** Add groundcover in the western area of project site. Revise groundcover selection. See revised L-101 sheet.
- Item #12:** **Irrigation.** Revise irrigation plan at the western area of project site. Identify existing 3" mainline at the eastern area of the project site. See revised L-201 sheet.
- Item #13:** **Irrigation Specification.** Revise note #1 under "F. Fittings and Connections". See revised L-501 sheet.
- Item #14:** **Guardrail.** Add guardrail in western area of project site. See revised sheets A-101 and A-111.
- Item #15:** **Accessible Parking Details.** Revise detail 1 Overall Site Plan – Accessible Parking. See revised A-102 sheet.
- Item #16:** **Bike Rack Anchorage Detail.** Add detail 25 Bike Rack Anchorage. See revised A-111 sheet.
- Item #17:** **Handrail Details.** Revise detail 13/A-111 and detail 2/A-112 to have pipes hot-dipped galvanized and finished smooth, typical. See revised details 13/A-111 and 2/A-112.
- Item #18:** **Skate Deterrent.** Add skate deterrents to outdoor stage. See revised sheets A-502 and A-112
- Item #19:** **Equipment Sleeve Reference.** Add reference to equipment sleeve keynote. See revised A-201 sheet.
- Item #20:** **Ceiling Plan General Notes.** Revise Ceiling Plan General Notes. See revised sheets A-211 and A-212.
- Item #21:** **Soffit Panels.** Revise soffit panels to 7" width at exterior canopy locations and add references. See revised sheet A-212.
- Item #22:** **Exterior Stage Detail.** Add detail 12 Enlarged Pop-out at Exterior Stage. See revised A-503 sheet.
- Item #23:** **Crash Pad Keynotes.** Add crash pad keynotes. See revised sheets A-601 and A-602.
- Item #24:** **Aluminum Ladder.** Add aluminum ladder information. See revised detail 25/A-701.
- Item #25:** **Composite Metal Wall Panel System.** Add language to clarify composite metal wall panel system deferred approval requirement. See revised sheets G-001 and A-703.

- Item #26:** **Wall Types.** Revise wall types as noted on revised sheet A-901.
- Item #27:** **Sheet E-101 Various Revisions.** Add references to exterior lamp post bases, extend future stub-outs from under new flatwork to out in the field and provide pull-box, add note regarding trenching or boring to Site Plan General Notes #A, add Site Plan General Notes #G to reference trench detail. See revised sheet E-101.
- Item #28:** **Sheet E-211 Various Revisions.** Add conduit and junction box as provision for future building signage, add recessed electrical floor box to gym, add reference to and detail for recessed electrical floor box at indoor stage. See revised sheet E-211.
- Item #29:** **Data at Wheelchair Lift.** Add data outlet in Wheelchair Lift Room. See revised sheet E-221.

ATTACHMENTS:

01 77 00 Page 2
 05 51 33 Pages 2, 3, 4, 5
 08 71 00 Pages 11, 12, 14, 15, 16
 G-001 TITLE SHEET
 G-101 CODE SITE PLAN
 G-201 CODE FLOOR PLAN
 C-201 SITE GRADING AND DRAINAGE PLAN
 C-202 EROSION CONTROL PLAN
 C-301 SITE UTILITY PLAN
 C-402 DETAILS
 C-403 DETAILS
 L-101 PLANTING PLAN
 L-201 IRRIGATION PLAN
 L-501 IRRIGATION SPECIFICATIONS
 A-101 SITE PLAN
 A-102 ENLARGED SITE PLAN
 A-111 SITE DETAILS
 A-112 SITE DETAILS AT EXTERIOR STAGE
 A-201 FLOOR PLAN
 A-211 REFLECTED CEILING PLAN AT GYM
 A-212 REFLECTED CEILING PLAN AT ROOMS
 A-502 ENLARGED FLOOR PLAN AT STAGE
 A-503 ENLARGED FLOOR PLAN AT POP-OUT
 A-601 INTERIOR ELEVATIONS
 A-602 INTERIOR ELEVATIONS
 A-701 EXTERIOR DETAILS
 A-703 EXTERIOR DETAILS
 A-901 WALL TYPES

ATTACHMENTS (continued):

- E-101 SITE ELECTRICAL PLAN
- E-211 ELECTRICAL FLOOR PLAN
- E-221 COMMUNICATIONS FLOOR PLAN



Alan Kroeker

C-22474

4. Obtain and submit releases permitting Owner unrestricted use of the Work and access to services and utilities. Include occupancy permits, operating certificates, and similar releases.
5. Prepare and submit Project Record Documents, operation and maintenance manuals, damage or settlement surveys, property surveys, and similar final record information in print format (2 copies) and digital format (pdf). ¹
6. Deliver tools, spare parts, extra materials, and similar items to location designated by Owner. Label with manufacturer's name and model number where applicable.
7. Make final changeover of permanent locks and deliver keys to Owner. Advise Owner's personnel of changeover in security provisions.
8. Complete startup testing of systems.
9. Submit test/adjust/balance records.
10. Terminate and remove temporary facilities from Project site, along with mockups, construction tools, and similar elements.
11. Advise Owner of changeover in heat and other utilities.
12. Submit changeover information related to Owner's occupancy, use, operation, and maintenance.
13. Complete final cleaning requirements, including touchup painting.
14. Touch up and otherwise repair and restore marred exposed finishes to eliminate visual defects.

- B. IOR's Inspection: Submit a written request for IOR's inspection for Substantial Completion. On receipt of request, Architect will either proceed with IOR's inspection process or notify Contractor of unfulfilled requirements. Architect will prepare the Certificate of Substantial Completion after IOR's inspection or will notify Contractor of items, either on Contractor's list or additional items identified by Architect, that must be completed or corrected before certificate will be issued.
1. Reinspection: Request reinspection when the Work identified in previous inspections as incomplete is completed or corrected.
 2. Results of completed inspection will form the basis of requirements for Final Completion.

1.6 RECORD DOCUMENTS AND SHOP DRAWINGS ¹

- A. Contractor shall legibly mark each item to record actual construction, including:
1. Measured depths of foundation in relation to finish floor datum.
 2. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permit surface improvements.
 3. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the Work.
 4. Field changes of dimension and detail.
 5. Details not on original Contract Drawings.
 6. Changes made by modification(s).
 7. References to related Shop Drawings and modifications.
 8. Contractor will provide two sets of printed and a digital set (pdf) of Record Drawings to the District.
 9. Contractor shall submit all required documents to District prior to or with its final Application for Payment.

7. ASTM B 209 – Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
8. ASTM B 221 – Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles and Tubes
9. OSHA 1910.27 – Fixed Ladders

- B. Manufacturer Qualifications: A firm experienced in producing aluminum metal ladders similar to those indicated for this Project.
1. Record of successful in-service performance.
 2. Sufficient production capacity to produce required units.
 3. Professional engineering competent in design and structural analysis to fabricate ladders in compliance with industry standards and local codes.
- C. Installer Qualifications: Competent and experienced firm capable of selecting fasteners and installing ladders to attain designed operational and structural performance.

- D. Product Qualification: Product design shall comply with OSHA 1910.27 minimum standards for ladders.
- E. Mock-Up: Provide mock-up for evaluation of surface preparation techniques and application workmanship.
1. Install ladder in area designated by Architect.
 2. Do not proceed with remaining work until workmanship and installation are approved by Architect.
 3. Re-work mock-up as required to produce acceptable work.

1.5 WARRANTY

- A. Manufacturer has responsibility for an extended Corrective Period for work of this Section for a period of 5 years commencing on the shipment date of the product against all the conditions indicated below, and when notified in writing from the Owner, manufacturer shall promptly and without inconvenience and cost to Owner correct said deficiencies.
1. Defects in materials and workmanship.
 2. Deterioration of material and surface performance below minimum OSHA standards as certified by independent third party testing laboratory. Ordinary wear and tear, unusual abuse or neglect exempted.
 3. Within the warranty period, the manufacturer shall, at its option, repair, replace, or refund the purchase price of defective ladder.
- B. Manufacturer shall be notified immediately of defective products and be given a reasonable opportunity to inspect the goods prior to return. Manufacturer will not assume responsibility, or compensation for unauthorized repairs or labor. Manufacturer makes no other warranty, expressed or implied, to the merchantability, fitness for a particular purpose, design, sale, installation, or use, of the ladder; and shall not be liable for incidental or consequential damages, losses of expenses, resulting from the use of ladder products.
- C. Installer's Warranty: 1 year.

1.6 EXTRA MATERIALS

- A. Furnish touch-up kit for each type and color of paint finish provided.

1

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Aluminum Ladders: Subject to compliance with requirements, provide either the named product or an equal product by one of the other manufacturers specified.
1. Model 501 & 503 by O'Keeffe's Inc. (Basis of Design)
 2. Royalite.
 3. Alaco.
 4. Cotterman.
 5. ACL.
 6. Or equal.

2.2 MATERIALS

- A. Aluminum Sheet: Alloy 5005-H34 to comply with ASTM B209.
- B. Aluminum Extrusions: Alloy 6063-T6 to comply with ASTM B221.
- C. Fasteners: As recommended by ladder manufacturer.

2.3 APPLICATIONS/SCOPE

- A. Fixed and Cage Ladder Design:
1. Safety cages are required on ladders over 24 feet (7315 mm).
 2. Safety cages are required on all ladders in high or hazardous areas.
 3. Landing platforms are required at 50 feet (15,240 mm) above the bottom of the ladder.
 4. Rail and harness fall arrest system as alternate to safety cage and landing platforms shall be a permissible manufacturer's option.
- B. Product: Fixed Access Ladder, Model 503 Heavy Duty Tubular Rails Fixed Access Aluminum Ladder by O'Keeffe's Inc.

1

2.4 FINISHES

- A. Mill finish. As Extruded.

2.5 FABRICATION

- A. Rungs: Not less than 1-1/4 inches in section and 18-3/8 inches long, formed from tubular aluminum extrusions. Squared and deeply serrated on all sides
 - 1. Rungs shall withstand a 1,500 pound load without deformation or failure.
- B. Heavy Duty Tubular Side Rails: Assembled from two interlocking aluminum extrusions no less than 1/8 inch wall thickness by 3 inches wide. Construction shall be self-locking stainless steel fasteners, full penetration TIG welds and clean, smooth and burr-free surfaces. Channel side rails are not acceptable.

C. Landing Platform: 1-1/2 inches (38 mm) or greater diameter, tubular aluminum guardrails and decks of serrated aluminum treads. 1

D. Security Doors: Formed 1/8 inch (3 mm) thick aluminum sheet. Security panels shall extend on both sides, perpendicular to the door face, to within 2 inches (51 mm) of the wall. Security door shall be furnished with continuous aluminum piano hinge and heavy duty forged steel locking hasps.

E. Ladder Safety Post: Retractable hand hold and tie off.

F. Rail Extension: Walk-through Rail and Roof Rail Extension: Not less than 3 feet 6 inches above the landing and shall be fitted with deeply serrated, square, tubular grab rails.

G. Rail and Harness Fall Arrest System: Supplied where specified as alternate to safety cage and landing platforms, in accordance with OSHA regulation 1910.27; permanently mounted to ladder rungs and complete with necessary components. 1

H. Safety Cages:

- 1. Fabricate ladder safety cages to comply with authority having jurisdiction. Assemble by welding. Spacing of primary hoops, secondary hoops and vertical bars shall not exceed that required by code.
- 2. Safety cage hoops and vertical bars: 3/16 inch (5 mm) by 2 inches (51 mm) aluminum bar.

2.6 DELIVERY, STORAGE AND HANDLING 1

- A. Store products in manufacturer's unopened packaging until ready for installation.

2.7 PROJECT CONDITIONS

A. Field Measurements: Verify dimensions by field measurement before fabrication.

- 1. Established Dimensions: Where field measurements cannot be made without delaying the Work, indicate established dimensions on shop drawing submittal and proceed with fabrication.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Coordinate anchorages. Furnish setting drawings, templates, and anchorage structural loads for fastener resistance.
- B. Do not begin installation until supporting structure is complete and ladder installation will not interfere with supporting structure work.
- C. If supporting structure is the responsibility of another installer, notify Architect of unsatisfactory supporting work before proceeding.

1

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions and in proper relationship with adjacent construction.
- B. Anchor securely using fasteners specified by manufacturer or others of equivalent or greater strength and corrosion resistance.

3.3 PROTECTION

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

1

END OF SECTION 05501

Option List

<u>Code</u>	<u>Description</u>
C	Interchangeable Core Cylinder (Dorma)
J	Less IC Core (Dorma)
BF	Barrier Free Exit Device (Dorma)
CD	Cylinder Dogging (Dorma)
B4E	Beveled 4 Edges - Kick and Mop Plates (Trimco)
CS	Countersunk Screws (Trimco)
SMS-TEKS	Self Tapping Sheet Metal Screws (NGP)
SSMS/EA	Stainless Steel Screws/Expansion Shields (NGP)

SET #MISC - Miscellaneous Hardware

4	Closers	HD7016 Tri-Packed	689	BE
1	Key Cabinet	RWC-75S		TK
1	Knox Box	3200	BLK	KN

Locate Knox box as directed – coordinate with local jurisdiction.

SET #1 - Entry

Doors: 101-A, 101-B, 104E

2	Continuous Hinge	661HD	628	ST
1	Exit Device	9600BB x OP02 BF C CD J	630	DM
1	Exit Device	9600BB x OP02 BF CD J	630	DM
3	Cormax Cores	1CX-7 PATD	626	BE
1	Closer	HD7016 SPA DP70	689	BE
2	Closer/Stop	HD7016 SDS DP70	689	BE
1	Floor Stop	1214H	626	TR
2	Door Sweeps	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*2	Door Position Switch	MC4		DM

Gaskets by door manufacturer. Verify threshold application. Mount floor stop not to pose a tripping hazard.

SET #1A - Gym

Doors: 104-C, 104D

2	Continuous Hinges	661HD	628	ST
1	Exit Device	9600BB x OP02 BF CD J	630	DM
1	Exit Device	9600BB x OP02 BF C CD J	630	DM
3	Cormax Cores	1CX-7 PATD	626	BE
2	Closers	HD7016 SPA DP70	689	BE
2	Floor Stops	1214H	626	TR
2	Closer/Stop	HD7016 SDS DP70	689	BE
2	Door Sweeps	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
2	Door Position Switches	MC4		DM

Gaskets by door manufacturer. Verify threshold application. Mount floor stop not to pose a tripping hazard.

SET #2 - Entry

Doors: 101-C, 101-D

1	Continuous Hinge	661HD	628	ST
1	Exit Device	9700BB x OP02 BF C CD J	630	DM
2	Cormax Cores	1CX-7 PATD	626	BE
1	Closer	HD7016 SPA DP70	689	BE
1	Floor Stop	1214H	626	TR
1	Closer/Stop	HD7016 SDS DP70	689	BE
1	Door Sweep	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*1	Door Position Switch	MC4		DM

Gaskets by door manufacturer. Verify threshold application. Mount floor stop not to pose a tripping hazard.

SET #3 - Closet

Doors: 101-E

3	Hinges	CB179 4 1/2 X 4 1/2 NRP	652	ST
1	Lockset	45H-7D15H PATD	626	BE
1	Overhead Stop	4420 Series	630	AB
3	Silencers	1229A	GREY	TR

SET #4 - Restroom

Doors: 102, 103

3	Hinges	CB179 4 1/2 X 4 1/2	652	ST
1	Pull Plate	1018-3	630	TR
1	Push Plate	1001-9	630	TR
1	Closer	HD7016 JT	689	BE
1	Mop Plate	KM050 6" x 1" LDW B4E CS	630	TR
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Wall Bumper	1270CVPV	626	TR
1	Gasketing	5050 B Head & Jambs		NA

SET #5 - Gym

Doors: 104-A, 104-B

2	Continuous Hinge	661HD	628	ST
1	Exit Device	9600BB x OP02 BF CD J	630	DM
1	Exit Device	9700BB x OP02 BF C CD J	630	DM
3	Cormax Core	1CX-7 PATD	626	BE
2	Closer/Stop	HD7016 SDS DP70	689	BE
1	Closer	HD7016 SPA DP70	689	BE
1	Floor Stop	1215CKU	626	TR

Gaskets by door manufacturer. Mount floor stop not to pose a tripping hazard.

SET #10 - Stage

Door: 110-A

3	Hinges	CB179 4 1/2 X 4 1/2	652	ST
1	Lockset	45H-7R15H PATD	626	BE
1	Closer/Stop	HD7016 SDS	689	BE
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Wall Bumper	1270CVPV	626	TR
3	Silencers	1229A	GREY	TR

SET #11 - Stage Vestibule

Door: 110-B

1	Continuous Hinge	661HD	628	ST
1	Exit Device	9700BB x OP02 BF C CD J	630	DM
2	Cormax Cores	1CX-7 PATD	626	BE
1	Closer/Stop	HD7016 SDS DP70	689	BE
1	Door Sweep	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*1	Door Position Switch	MC4		DM

Gaskets by door manufacturer. Verify threshold application.

SET #12 - Outdoor Stage


Door: 110-C

6	Hinges	CB199 4 1/2 X 4 1/2 NRP	630	ST
1	Exit Device	9400B x YR08 BF LB C CD J	630	DM
1	Exit Device	9400B BF LB CD J	630	DM
3	Cormax Cores	1CX-7 PATD	626	BE
2	Closers	HD7016 SPA	689	BE
2	Kick Plates	K0050 10" x 2" LDW B4E CS	630	TR
2	Floor Stops	1214H 1209HO 1	626	TR
1	Gasket Set	A605 A SET SMS-TEKS		NA
1	Gasketing	5050 B Head & Jambs		NA
2	Door Sweeps	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*2	Door Position Switches	MC4		DM

Astragal on inactive leaf by door manufacturer. Verify threshold application. Mount floor stops to not pose a tripping hazard.

SET #13 - Outdoor Stage


Door: 110-D

3	Hinges	CB199 4 1/2 X 4 1/2 NRP	630	ST
1	Exit Device	9300B x YR08 BF C CD J	630	DM
2	Cormax Cores	1CX-7 PATD	626	BE
1	Closer	HD7016 SPA	689	BE
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Floor Stop	1214H 1209HO 	626	TR
1	Weatherstrip	700 NA SMS-TEKS		NA
1	Door Sweep	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*1	Door Position Switch	MC4		DM

Do not cut weatherstrip - template hardware accordingly. Verify threshold application.


SET #14 - Lift

Door: 111

3	Hinges	CB179 4 1/2 X 4 1/2	652	ST
1	Passage Set	45H-0N15H	626	BE
1	Closer	HD7016 JT	689	BE
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Floor Stop	1209HO	626	TR 
1	Wall Bumper	1270CVPV	626	TR
3	Silencers	1229A	GREY	TR

SET #15 - Locker Room

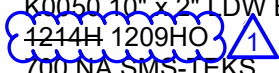
Doors: 113, 114

4	Hinges	CB199 4 1/2 X 4 1/2 NRP	630	ST
1	Exit Device	9300B x YR08 BF C CD J	630	DM
2	Cormax Cores	1CX-7 PATD	626	BE
1	Closer	HD7016 SPA	689	BE
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Floor Stop	1214H 1209HO 	626	TR
1	Weatherstrip	700 NA SMS-TEKS		NA
1	Door Sweep	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*1	Door Position Switch	MC4		DM

Do not cut weatherstrip - template hardware accordingly. Verify threshold application.

SET #16 - Classroom

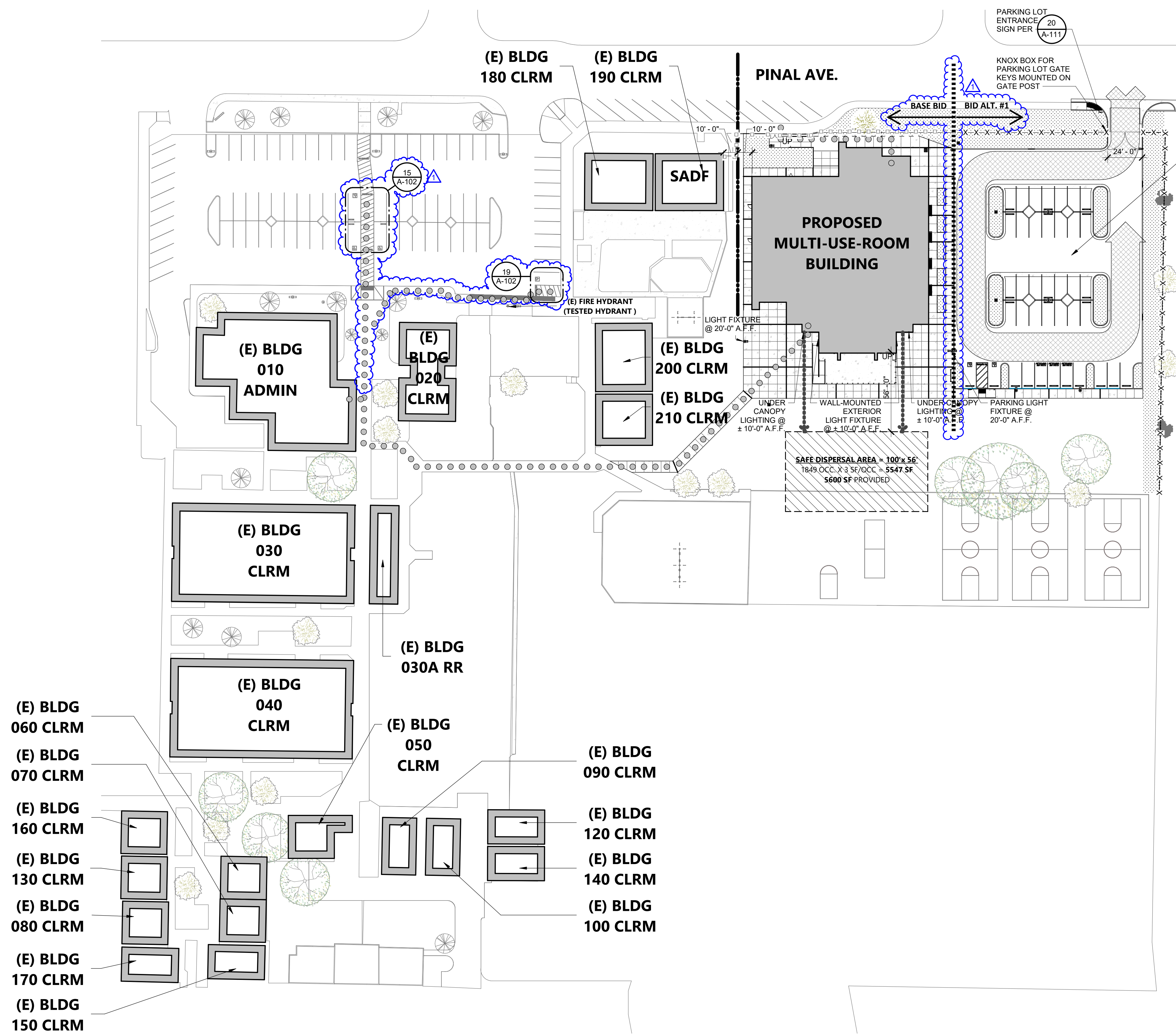
Door: 115

4	Hinges	CB199 4 1/2 X 4 1/2 NRP	630	ST
1	Lockset	45H-7INA15H PATD	626	BE
2	Cormax Cores	1CX-7 PATD	626	BE
1	Closer	HD7016 SPA	689	BE
1	Kick Plate	K0050 10" x 2" LDW B4E CS	630	TR
1	Floor Stop	4214H 1209HO 	626	TR
1	Weatherstrip	700 NA SMS-TEKS		NA
1	Door Sweep	200 NA SMS-TEKS		NA
1	Saddle Threshold	659 SSMS/EA		NA
*1	Door Position Switch	MC4		DM

Do not cut weatherstrip - template hardware accordingly. Verify threshold application.

* Requires electronic coordination

End of Section



LEGEND

- ASSUMED PROPERTY LINE
- PROJECT BUILDING
- (E) BUILDING
- FIRE APPARATUS ACCESS LANE, MIN. 20FT WIDE
- PATH OF TRAVEL (P.O.T.)
 - AS INDICATED, IS A COMMON BARRIER FREE ACCESS ROUTE
 - IS AT LEAST 48" WIDE
 - NO ABRUPT VERTICAL CHANGES EXCEEDING 1/2" BEVELED AT 1:2 MAXIMUM SLOPE, EXCEPT THAT LEVEL CHANGES DO NOT EXCEED 1/4" VERTICAL
 - THE PATH SURFACE IS SLIP RESISTANT, STABLE, FIRM, AND SMOOTH.
 - PASSING SPACES (11B-403.7) NOT MORE THAN 400' APART
 - PARTS OF P.O.T. WITH CONTINUOUS GRADIENTS HAVE 60" LEVEL AREAS (11B-403.7) NOT MORE THAN 400' APART
 - THE CROSS-SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5% UNLESS OTHERWISE INDICATED.
 - (POT) SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM (11B-307.4) AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80" (11B-307).
 - ARCHITECT SHALL VERIFY PATH OF TRAVEL CONFORMS WITH THE ABOVE.
 - DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE STATEMENT: THE P.O.T. IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS MEETS THE REQUIREMENTS OF THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE (CBC) ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQUIREMENTS FOR ALTERATION, ADDITIONS, AND STRUCTURAL REPAIRS AS PART OF THE DESIGN OF THIS PROJECT. THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WERE DETERMINED TO BE NON-COMPLIANT WITH CBC HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THE PROJECT'S WORK THROUGH DETAILS, DRAWINGS AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS. ANY NON-COMPLIANT ELEMENTS, COMPONENTS, OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE INDICATED IN THESE CONSTRUCTION DOCUMENTS.
 - DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CBC COMPLIANT ARE FOUND TO BE NON-COMPLIANT BEYOND REASONABLE CONSTRUCTION TOLERANCES, THE ITEMS SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS PART OF THE PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
- CHAIN LINK GATE, SWINGING TYPE
 - ALLOWS MANUAL OPERATION BY ONE PERSON
 - SHALL BE MAINTAINED IN AN OPERATIVE CONDITION AT ALL TIMES AND REPLACED OR REPAIRED WHEN DEFECTIVE
 - SEE 11 A-111
- FENCE LINE
- DECORATIVE FENCE LINE
- EXIT DISCHARGE PATH TO SAFE DISPERSAL AREA

FIRE FLOW

REQUIRED FIRE FLOW PER 2019 CFC APPENDIX BB	TYPE V-B @ 14.618 SF	*3,250 GPM / 1,500 GPM WITH REDUCTION PER CFC BB105.1
PROVIDED FIRE FLOW		*3,000 GPM

*MEASURED AT 20 PSI

Golden State Water Company
A Division of American States Water Company

08/05/2021

Hazel Cruz
19six Architects
560 Higuera St., Suite C
San Luis Obispo, CA 93401

Re: Orcutt Academy High School – 610 Pinal Avenue

This letter is in response to your request for a fire flow report for Orcutt Academy High School located at 610 Pinal Avenue. The request is for the fire hydrant adjacent to the school, FH #802 located at 805 Pinal Avenue. We have performed a physical fire flow and hydraulic model emulation of the water system to determine the static pressure and flow availability at 20 psi residual pressure. The physical fire flow represents a moment in time that may or may not reflect actual fire flow availability depending on the time of day fire flow is required. In light of this, this report provides the hydraulic model emulation of the available flow based on our maximum day demand model. The results based on the hydraulic model emulation are as follows:

FH #802
Static Pressure = 69 psi
Flow @ 20 psi = 3000 GPM
Capacity Duration > 4 hrs

Sincerely,
Joshua P. Alvidrez
Operations Engineer – Coastal District
Golden State Water Company

196 ARCHITECTS

560 HIGUERA STREET, SUITE C
SAN LUIS OBISPO, CA 93401
TEL (805) 476-0399

- CONSULTANTS**
- CIVIL ENGINEER**
STANTEC CONSULTING SERVICES INC.
111 East Victoria Street
Santa Barbara, CA 93101
TEL (805) 680-6830
 - LANDSCAPE ARCHITECT**
DASIS ASSOCIATES
3427 Miguelito Court
San Luis Obispo, CA 93401
TEL (805) 541-4509
 - STRUCTURAL ENGINEER**
STORK, WOLFE & ASSOCIATES
555 Chorro Street, Suite A1
San Luis Obispo, CA 93405
TEL (805) 548-8600
 - MECHANICAL ENGINEER**
BMA MECHANICAL +
100 Cross Street, Suite 204
San Luis Obispo, CA 93401
TEL (805) 544-4269
 - ELECTRICAL ENGINEER**
THOMA ENGINEERING
3562 Empeo, Suite C
San Luis Obispo, CA 93406
TEL (805) 543-3850
 - FIRE PROTECTION ENGINEER**
BMA MECHANICAL +
100 Cross Street, Suite 204
San Luis Obispo, CA 93401
TEL (805) 544-42-69

ARCHITECT STAMP CONSULTANT STAMP

LICENSED ARCHITECT
A-141 C-22474
Alexander Cruz
EXPIRES 10-31-25
STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

PROJECT OWNER & TITLE

ORCUTT UNION SCHOOL DISTRICT
500 Dyer Street
Orcutt, CA 93455

ORCUTT ACADEMY HS MUR BUILDING
610 Pinal Avenue
Orcutt, CA 93455

SHEET TITLE

CODE SITE PLAN

DRAWN BY: FC, HC JOB NUMBER: 20179.01

SHEET NO.

G-101

DATE: APRIL 5, 2022

FILE LOCATION: C:\Users\HCruz\Documents\20179_01_OUSD_OAHS MUR_A20_V2_Constructionability Report_hcnuz\FB9K.rvt

DATE PLOTTED: 4/14/2022 3:21:02 PM

MUR BLDG PARKING LOT ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
39	2	2	1	1

EXISTING PARKING LOT ANALYSIS

TOTAL NUMBER OF STALLS	NUMBER OF ACC. STALLS REQUIRED	NUMBER OF ACC. STALLS PROVIDED	NUMBER OF VAN ACC. STALLS REQUIRED	NUMBER OF VAN ACC. STALLS PROVIDED
80	4	4	1	1

BUILDING INFORMATION

BLDG NO.	DESCRIPTION	D.S.A. APPLICATION # (YEAR)	CERTIFICATION # (DATE)
010	ADMIN / MULT-USE	A# 18140 (1959)	#1 (8/21/1960)
010	ADMIN / MULT-USE	A# 49494 (1988)	#1 (7/21/1989)
010	ADMIN / MULT-USE	A# 03-102273 (2001)	#1 (5/23/2006)
010	ADMIN / MULT-USE	A# 03-104880 (2005)	#1 (4/19/2006)
010	ADMIN / MULT-USE	A# 03-115040 (2014)	#1 (1/20/2015)
020	CLASSROOM/SERVING LINE	A# 18140 (1959)	#1 (8/21/1960)
020	CLASSROOM/SERVING LINE	A# 03-102273 (2001)	#1 (5/23/2006)
020	CLASSROOM/SERVING LINE	A# 03-113888 (2011)	#1 (2/01/2013)
030	CLASSROOMS	A# 18140 (1959)	#1 (8/21/1960)
030	CLASSROOMS	A# 03-102273 (2001)	#1 (5/23/2006)
030A	RESTROOMS	A# 03-102273 (2001)	#1 (5/23/2006)
030A	RESTROOMS	A# 03-113888 (2011)	#1 (2/01/2013)
040	CLASSROOMS	A# 18140 (1959)	#1 (8/21/1960)
040	CLASSROOMS	A# 03-102273 (2001)	#1 (5/23/2006)
050	CLASSROOMS	A# 20918 (1961)	#1 (1/07/1963)
050	CLASSROOMS	A# 03-102273 (2001)	#1 (5/23/2006)
060	CLASSROOM	A# 49057 (1987)	#2 (11/27/2018)
070	CLASSROOM	A# 49057 (1987)	#2 (11/27/2018)
080	CLASSROOM	A# 50001 (1987)	#2 (2/25/1998) (COND./SSF)
090	CLASSROOM	A# 49412 (1986)	#1 (7/08/1993)
100	CLASSROOM	A# 51829 (1988)	#1 (4/03/1995)
120	CLASSROOM	A# 65285 (1996)	#1 (8/25/2004)
130	CLASSROOM	A# 68481 (1997)	#1 (3-03-2004)
140	CLASSROOM	A# 69117 (1997)	#1 (10/30/2001)
150	CLASSROOM	A# 69620 (1997)	#1 (6/07/2000)
160	CLASSROOM	A# 03-100712 (1998)	#1 (12/09/2002)
170	CLASSROOM	A# 03-106578 (2002)	#1 (4/21/2004)
180	CLASSROOM	A# 03-104482 (2000)	#1 (3/16/2005)
190	CLASSROOM	A# 03-104482 (2000)	#1 (3/16/2005)
200	MULTI-USE	A# 03-106546 (2002)	#1 (4/06/2004)
210	CLASSROOM	A# 03-106958 (2004)	#1 (5/24/2005)

DSA FORM 810

810

FIRE & LIFE SAFETY SITE CONDITIONS SUBMITTAL

Division of the State Architect (DSA) documents referenced within this publication are available on the **DSA Forms** or **DSA Publications** webpages.

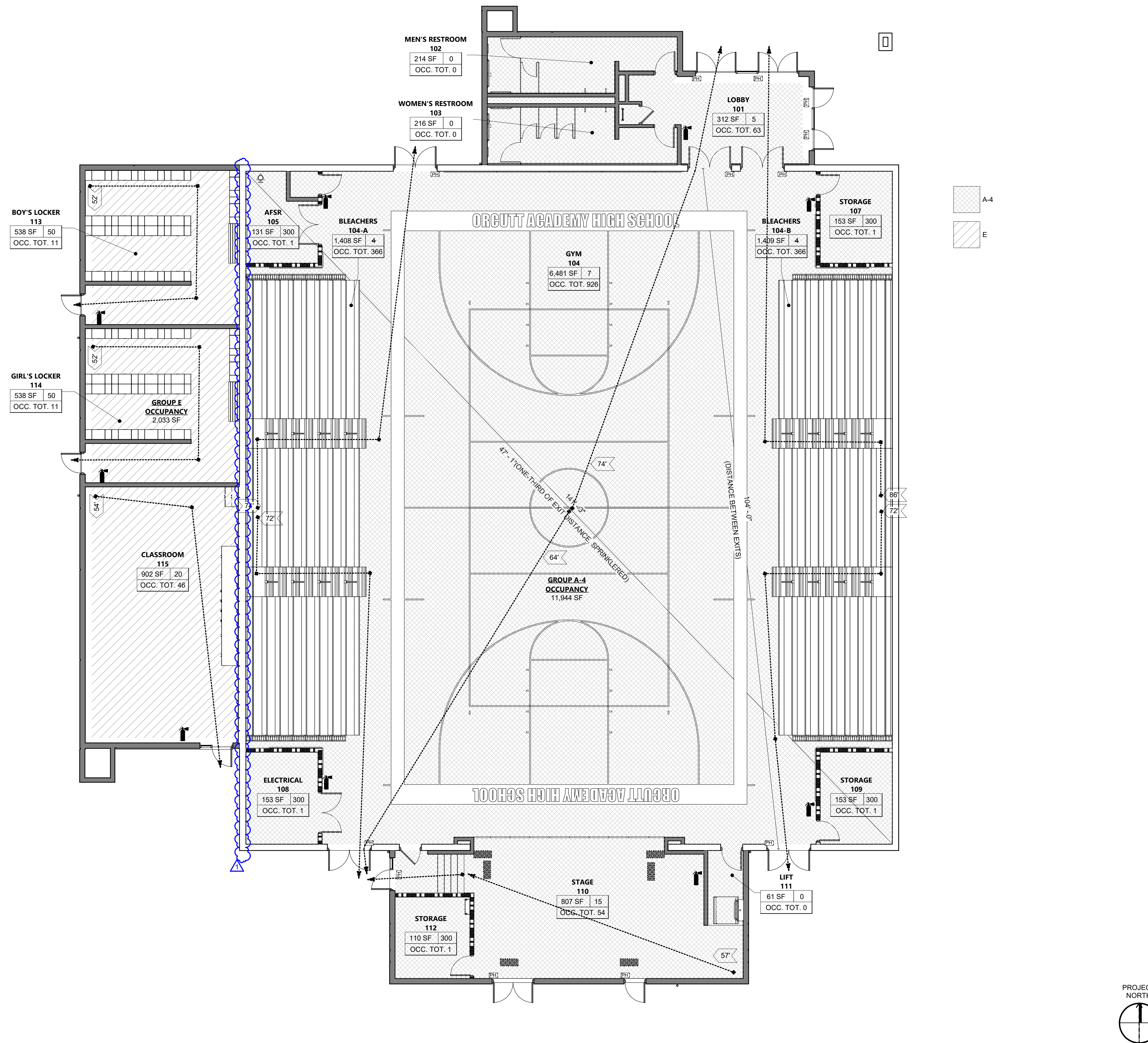
To facilitate the Division of the State Architect's (DSA) fire and life safety plan review of project site conditions, DSA requires the design professional to provide the following information at time of project submittal for projects consisting of construction of a new campus, construction of new building(s), additions to existing buildings, and for site alternate design means for fire department emergency vehicle access, and fire suppression water supply.

Information associated with compliance items 1 through 3 below is to be provided for all project types indicated above. Information associated with items 4 through 7 is to be completed when an alternate means is utilized. Acknowledgement by the school district and signature from the Local Fire Authority (LFA) is only required when an alternate design means is being requested.

The Project Information and Fire & Life Safety Information sections are to be completed for all projects and imaged onto the fire access site plan. When an alternate design/means is proposed, all sections on pages 1 and 2 are to be completed and imaged on the fire access site plan.

For additional information refer to the instructions at the end of this form and DSA Policy PL 09-01: Fire Flow for Buildings.

PROJECT INFORMATION			
School District/Owner:	Orcutt Union School District		
Project Name/School:	Orcutt Academy High School Multi-Use Room Building		
Project Address:	610 Pinal Ave., Orcutt, CA 93455		
FIRE & LIFE SAFETY INFORMATION			
1. Has a fire hydrant flow test been performed within the past 12 months? (If yes, provide a copy of the test data.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
2. Was the fire hydrant water flow test performed as part of this LFA review?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
3. Is the project located within a designated fire hazard severity zone (FHSZ) as established by Cal-Fire? (If yes, indicate FHSZ classification below.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Refer to the following website for FHSZ locations: http://www.fire.ca.gov/FHSZ/	Moderate <input type="checkbox"/>	High <input type="checkbox"/>	Very High <input type="checkbox"/>
Wildland Interface Area (WIFA) (If any designations are checked, project design must meet the requirements of CBC Chapter 7A.)			WIFA <input type="checkbox"/>



2019 CALIFORNIA BUILDING CODE

602 CONSTRUCTION TYPE:
 BUILDINGS AND STRUCTURES ERRECTED OR TO BE ERRECTED, ALTERED OR EXTENDED IN HEIGHT OR AREA SHALL BE CLASSIFIED IN ONE OF THE FIVE CONSTRUCTION TYPES DEFINED IN SECTIONS 602.2 THROUGH 602.5.
 ■ TYPE V-B

BUILDING SPRINKLER SYSTEM:
 ■ S1 BUILDINGS A MAXIMUM OF ONE STORY ABOVE GRADE EQUIPPED WITH AN AUTOMATIC SPRINKLER SYSTEM INSTALLED IN ACCORDANCE WITH SECTION 903.3.1.1

302 OCCUPANCY CLASSIFICATION:
 STRUCTURES OR PORTIONS OF STRUCTURES SHALL BE CLASSIFIED WITH RESPECT TO OCCUPANCY IN ONE OR MORE OF THE GROUPS LISTED IN THIS SECTION. A ROOM OR SPACE THAT IS INTENDED TO BE OCCUPIED AT DIFFERENT TIMES FOR DIFFERENT PURPOSES SHALL COMPLY WITH ALL OF THE REQUIREMENTS THAT ARE APPLICABLE TO EACH OF THE PURPOSES FOR WHICH THE ROOM OR SPACE WILL BE OCCUPIED.
 ■ GROUP A-4 ■ GROUP E

504 ALLOWABLE HEIGHT:
 THE HEIGHT, IN FEET, AND THE NUMBER OF STORIES OF A BUILDING SHALL BE DETERMINED BASED ON THE TYPE OF CONSTRUCTION, OCCUPANCY CLASSIFICATION AND WHETHER THERE IS AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING.

TABLE 504.3 ALLOWABLE BUILDING HEIGHT IN FEET ABOVE GRADE PLANE
 TABLE 504.4 ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE

OCCUPANCY	SPRINKLERS	CONSTRUCTION	ALLOWABLE	ACTUAL
GROUP A, E	S1	TYPE V-B	60'-0"	± 36'-0"
			2 STORIES	

506 ALLOWABLE AREA CALCULATIONS:
506.1 BUILDING AREA
 THE FLOOR AREA OF A BUILDING SHALL BE DETERMINED BASED ON THE TYPE OF CONSTRUCTION, OCCUPANCY CLASSIFICATION, WHETHER THERE IS AN AUTOMATIC SPRINKLER SYSTEM INSTALLED THROUGHOUT THE BUILDING AND THE AMOUNT OF BUILDING FRONTAGE ON PUBLIC WAY OR OPEN SPACE.

506.2 MIXED-OCCUPANCY, ONE STORY
 THE ALLOWABLE AREA OF A MIXED-OCCUPANCY BUILDING WITH NO MORE THAN ONE STORY ABOVE GRADE PLANE SHALL BE DETERMINED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 508.1 BASED ON EQUATION 5-1 FOR EACH APPLICABLE OCCUPANCY.
 (EQUATION 5-1) $A_t = A_n + (N_s \times l_i)$

508.4.2 SEPARATED OCCUPANCIES ALLOWABLE BUILDING AREA
 IN EACH STORY, THE BUILDING AREA SHALL BE SUCH THAT THE SUM OF THE RATIOS OF THE ACTUAL BUILDING AREA OF EACH SEPARATED OCCUPANCY DIVIDED BY THE ALLOWABLE BUILDING AREA OF EACH SEPARATED OCCUPANCY SHALL NOT EXCEED 1.

FLOOR 1

OCC. GROUP	A _n (SF)	N _s (SF)	l _i	A _t (SF)	ACTUAL (SF)	RATIO
A-4	24,000 SF	6,000 SF	0	24,000 SF	11,944 SF	0.50
E	38,000 SF	9,500 SF	0	38,000 SF	2,033 SF	0.05
AREA (RATIO < 1.0 = OK)					13,977 SF	0.55

508 MIXED USE AND OCCUPANCY:
 EACH PORTION OF A BUILDING SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1, WHERE A BUILDING CONTAINS MORE THAN ONE OCCUPANCY GROUP, THE BUILDING OR PORTION THEREOF SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF SECTION 508.2, 508.3 OR 508.4, OR A COMBINATION OF THESE SECTIONS.

THIS BUILDING CONTAINS:
 ■ 508.4 SEPARATED OCCUPANCIES
 NONSEPARATED OCCUPANCIES SHALL BE INDIVIDUALLY CLASSIFIED IN ACCORDANCE WITH SECTION 302.1. THE REQUIREMENTS OF THIS CODE SHALL APPLY TO EACH PORTION OF THE BUILDING BASED ON THE OCCUPANCY CLASSIFICATION OF THAT SPACE. IN ADDITION, THE MOST RESTRICTIVE PROVISIONS OF CHAPTER 9 THAT APPLY TO THE NONSEPARATED OCCUPANCIES SHALL APPLY TO THE TOTAL NONSEPARATED OCCUPANCY AREA.

TABLE 508.4 REQUIRED SEPARATION OF OCCUPANCIES (HOURS)

PRIMARY OCCUPANCY	SEPARATED OCCUPANCY	SPRINKLERED?	REQUIRED SEPARATION
GROUP A-4	GROUP E	YES	0 HR

1005 MEANS OF EGRESS SIZING
1005.3.2 EGRESS COMPONENTS
 THE CAPACITY, IN INCHES, OF MEANS OF EGRESS COMPONENTS OTHER THAN STAIRWAYS SHALL BE CALCULATED BY MULTIPLYING THE OCCUPANT LOAD SERVED BY SUCH COMPONENT BY A MEANS OF EGRESS CAPACITY FACTOR OF 0.2 INCH PER OCCUPANT.

ROOM 104 - GYMNASIUM EGRESS:
 GYM FLOOR OCCUPANT LOAD: 926
 BLEACHERS A-SIDE OCCUPANT LOAD: 366
 BLEACHERS B-SIDE OCCUPANT LOAD: 366
 GYM TOTAL OCCUPANT LOAD: 1,658
 EGRESS SIZE REQUIRED: 332 INCHES
 EGRESS SIZE PROVIDED: 360 INCHES, (6) SIX-FOOT DOUBLE DOORS

1005.5 DISTRIBUTION OF MINIMUM WIDTH AND REQUIRED CAPACITY
 WHERE MORE THAN ONE EXIT, OR ACCESS TO MORE THAN ONE EXIT, IS REQUIRED, THE MEANS OF EGRESS SHALL BE CONFIGURED SUCH THAT THE LOSS OF ANY ONE EXIT, OR ACCESS TO ONE EXIT, SHALL NOT REDUCE THE AVAILABLE CAPACITY OR WIDTH TO LESS THAN 50 PERCENT OF THE REQUIRED CAPACITY OR WIDTH.

EGRESS SIZE PROVIDED:
 50 PERCENT OF REQUIRED EGRESS WIDTH: 166 INCHES
 EGRESS SIZE PER EXIT:
 360 - 72 = 288 INCHES
 288 INCHES > 166 INCHES

CODE ANALYSIS FLOOR PLAN 1/8" = 1'-0" 1

OCCUPANT CHART PER 2019 CBC TABLE 1004.5

ROOM #	ROOM NAME	FUNCTION	N SF	SF/OCC.	OCC. #	OCCUPANCY TYPE	MAXIMUM OCCUPANT LOAD	MIN. CLR. DOOR EXIT WIDTH	# EXITS REQUIRED	# EXITS PROVIDED
101	LOBBY	ASSEMBLY WITHOUT FIXED SEATS STANDING SPACE	312 SF	5 SF	63	A-4	49	2'-8"	2	4
102	MEN'S RESTROOM	N/A	214 SF	0 SF	0	A-4	49			1
103	WOMEN'S RESTROOM	N/A	216 SF	0 SF	0	A-4	49			1
104	GYM	ASSEMBLY WITHOUT FIXED SEATS CONCENTRATED	6,481 SF	7 SF	926	A-4	49	15'-4 1/2"	3	4
104-A	BLEACHERS	ASSEMBLY WITH FIXED SEATS	1,408 SF	0 SF	366	A-4	49	6'-0 7/8"	2	2
104-B	BLEACHERS	ASSEMBLY WITH FIXED SEATS	1,409 SF	0 SF	366	A-4	49	6'-0 7/8"	2	2
105	AFSR	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	131 SF	300 SF	1	A-4	49	2'-8"	1	1
106	JAN	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	17 SF	300 SF	1	A-4	49	2'-8"	1	1
107	STORAGE	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	153 SF	300 SF	1	A-4	49	2'-8"	1	1
108	ELECTRICAL	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	153 SF	300 SF	1	A-4	49	2'-8"	1	1
109	STORAGE	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	153 SF	300 SF	1	A-4	49	2'-8"	1	1
110	STAGE	STAGES AND PLATFORMS	807 SF	15 SF	54	A-4	49	2'-8"	2	3
111	LIFT	N/A	61 SF	0 SF	1	A-4	49	2'-8"	1	1
112	STORAGE	ACCESSORY STORAGES AREAS, MECHANICAL EQUIPMENT ROOM	110 SF	300 SF	1	A-4	49	2'-8"	1	1
113	BOY'S LOCKER	EDUCATIONAL SHOPS AND OTHER VOCATIONAL ROOMS	538 SF	50 SF	11	E	49	2'-8"	1	1
114	GIRL'S LOCKER	EDUCATIONAL SHOPS AND OTHER VOCATIONAL ROOMS	538 SF	50 SF	11	E	49	2'-8"	1	1
115	CLASSROOM	EDUCATIONAL CLASSROOM AREA	902 SF	20 SF	46	E	49	2'-8"	1	1
116	OUTDOOR STAGE	N/A	1,016 SF	0 SF		(none)	49	2'-8"	1	1
OCCUPANT TOTAL:					1849					

CODE ANALYSIS LEGEND

1 HR RATED SEPARATION
 NON-RATED SEPARATION

OCCUPANCY TAG

ROOM NAME
 ROOM NUMBER
 OCCUPANT LOAD FACTOR
 TOTAL OCCUPANCY CALCULATED
 ROOM AREA

△ FIRE SPRINKLER RISER
 ○ EGRESS DISTANCE
 ↑ FIRE EXTINGUISHER

196 ARCHITECTS
 560 HIGUERA STREET, SUITE C
 SAN LUIS OBISPO, CA 93401
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LICENSED ARCHITECT
 A-416167
 C-22474
 Alex Kozlov
 10-10-31-25
 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

THE ARCHITECT DOES NOT REPRESENT THAT THESE PLANS OR THE SPECIFICATIONS ARE SUITABLE FOR ANY SITE OTHER THAN THE ONE FOR WHICH THEY WERE SPECIFICALLY PREPARED. THE ARCHITECT DISCLAIMS RESPONSIBILITY FOR THESE PLANS AND SPECIFICATIONS IF THEY ARE USED IN WHOLE OR IN PART AT ANY OTHER SITE.

PROJECT OWNER & TITLE
ORCUTT UNION SCHOOL DISTRICT
 500 Dyer Street
 Orcutt, CA 93455

ORCUTT ACADEMY HS MUR BUILDING
 610 Pinal Avenue
 Orcutt, CA 93455

SHEET TITLE
CODE FLOOR PLAN

DRAWN BY: XX JOB NUMBER: 20170.01

SHEET NO.
G-201
 DATE: APRIL 5, 2022



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REVISIONS

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1	04-19-2022	Addendum 1

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ORCUTT UNION SCHOOL DISTRICT
500 Dyer Street
Orcutt, CA 93455

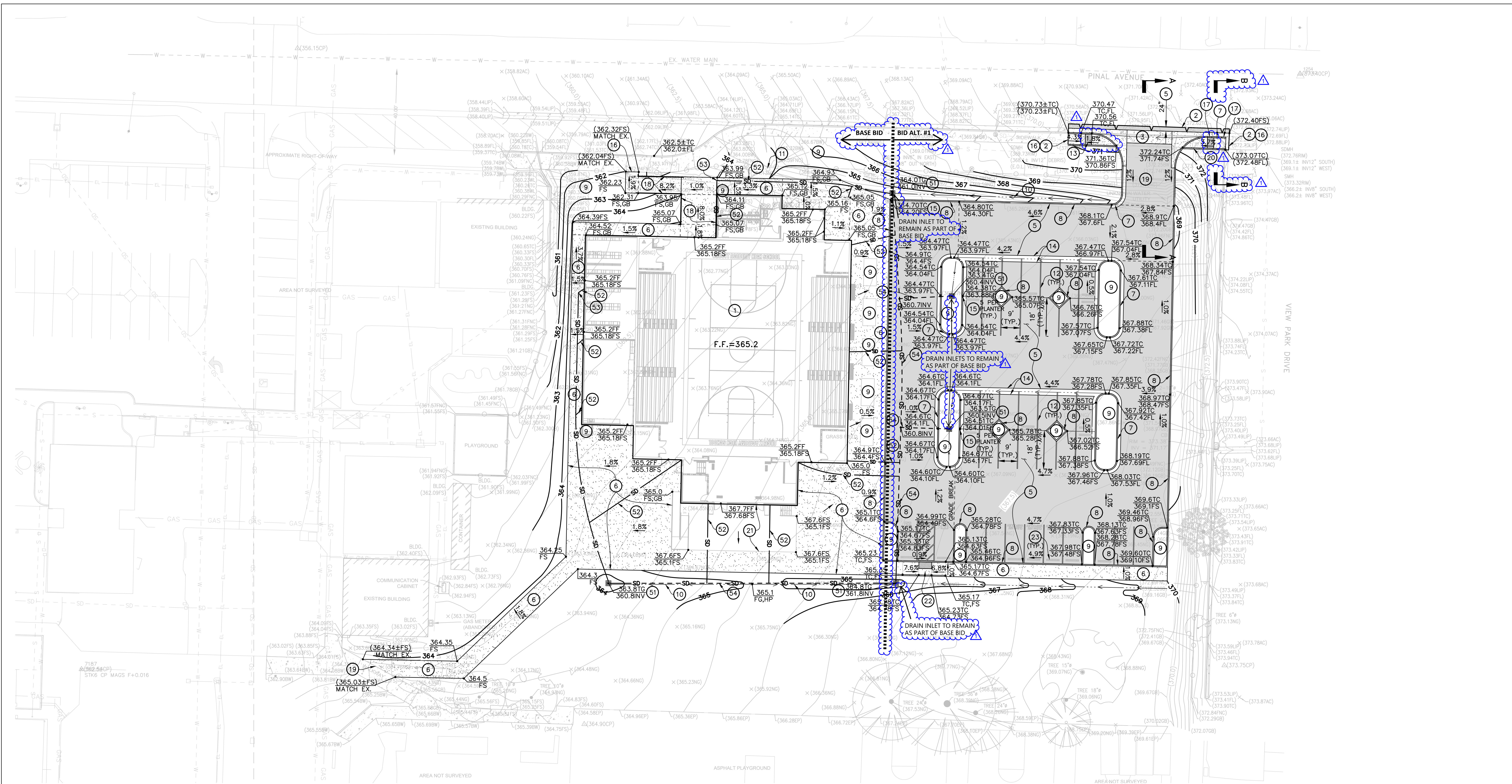
ORCUTT ACADEMY HS MUR BUILDING
610 Pinal Avenue
Orcutt, CA 93455

SHEET TITLE
SITE GRADING AND DRAINAGE PLAN

DRAWN BY: WFF JOB NUMBER: 20179.01

SHEET NO.
C-201
DATE: FEBRUARY 11, 2022

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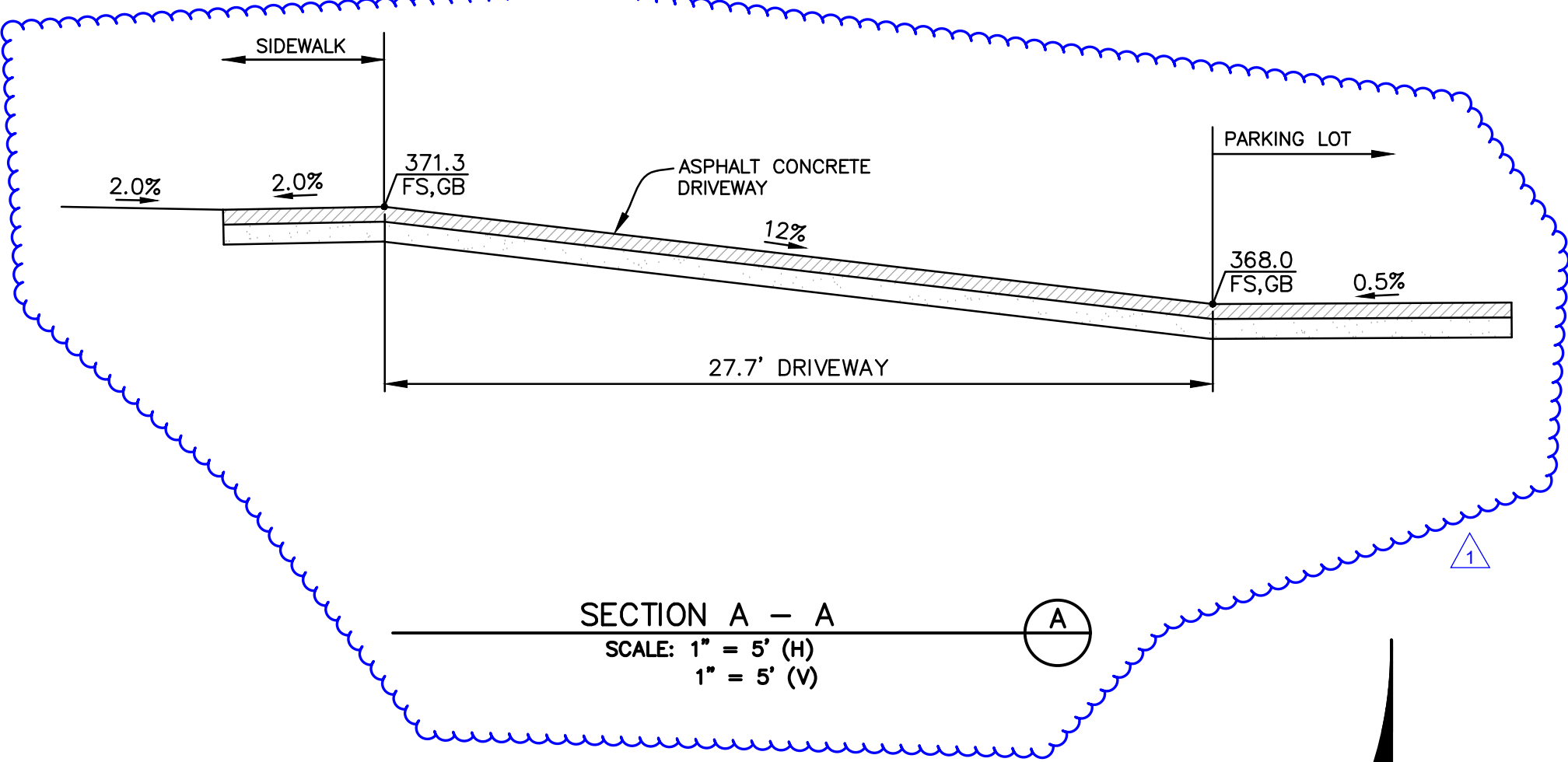
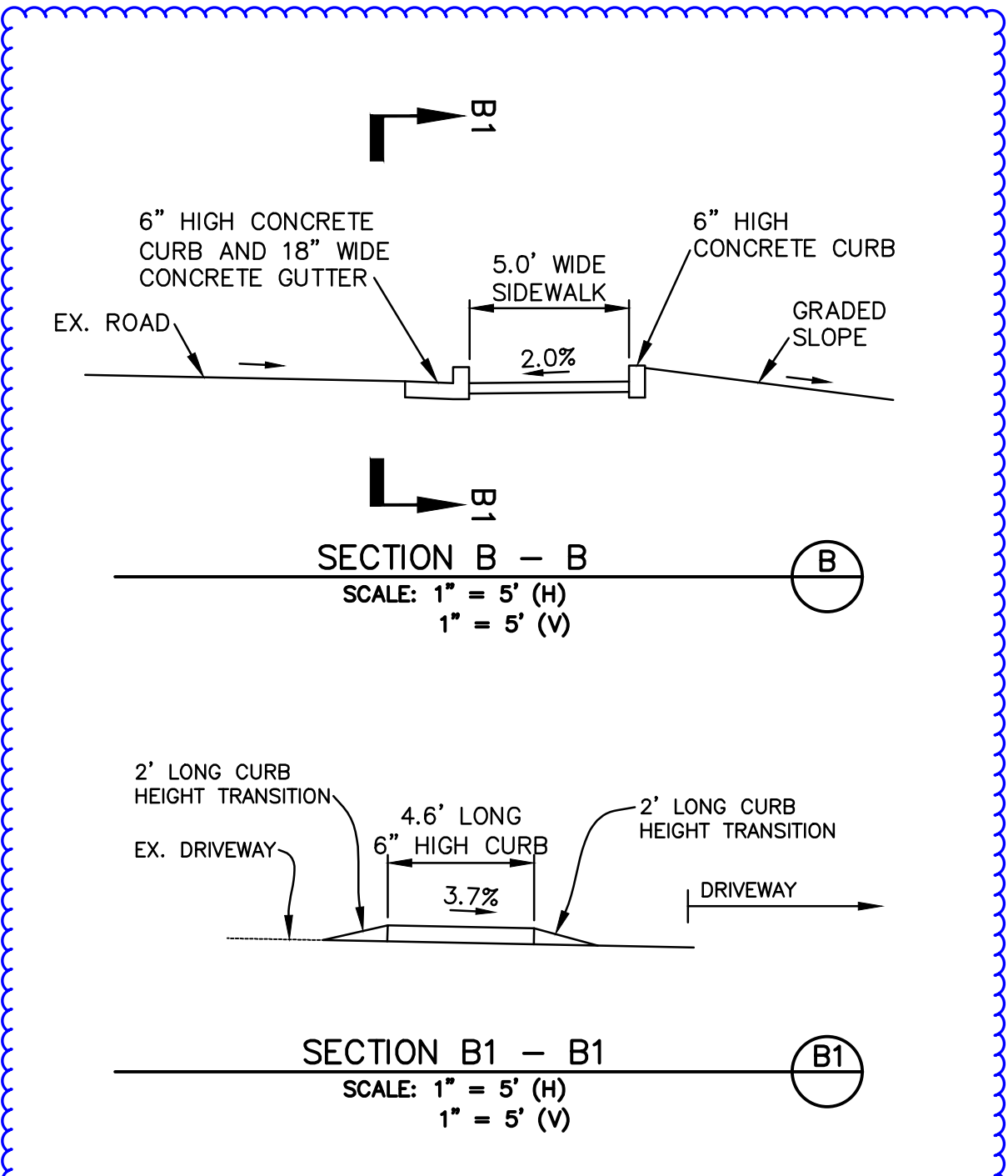


LEGEND

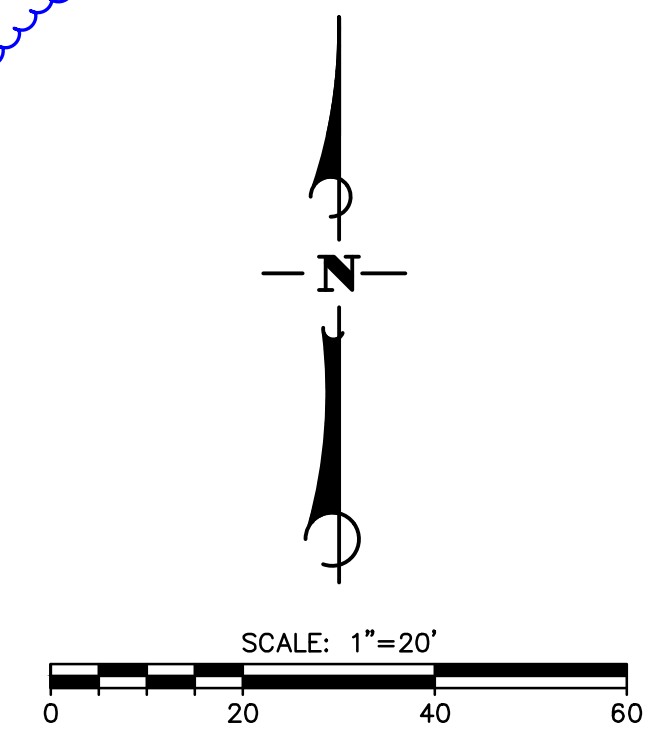
- CONSTRUCT CONCRETE PAVEMENT STRUCTURAL SECTION PER PLANS.
- ASPHALT CONCRETE PAVEMENT STRUCTURAL SECTION PER PLANS.
- GRASS AREA PER ARCHITECTURAL PLANS
- SAWCUT LINE
- EXISTING FENCE LINE
- EXISTING SIDEWALK
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED SIDEWALK
- PROPOSED CURB
- PROPOSED SWALE
- GRADE BREAK
- EXISTING GRADE
- PROPOSED GRADE

- GRADING AND PAVEMENT CONSTRUCTION NOTES**
- CONSTRUCT BUILDING PER ARCHITECTURAL PLANS.
 - SAWCUT AND REMOVE EXISTING CONCRETE TO ADEQUATE DEPTH REQUIRED FOR NEW CONSTRUCTION AND IMPROVEMENTS. REMOVE EXISTING PAVEMENT, AGGREGATE BASE, AND OTHER IMPROVEMENTS AS REQUIRED FOR PROPOSED CONSTRUCTION, AND LEGALLY DISPOSE OF OFF-SITE.
 - CONSTRUCT CONCRETE DRIVEWAY CROSS GUTTER AND SPANDREL PER COUNTY OF SANTA BARBARA STANDARD DETAILS 4-010 AND 4-020, AS SHOWN ON SHEET C-401.
 - RAISE/LOWER EXISTING UTILITY BOX/VALVE TO FINISH GRADE.
 - CONSTRUCT MIN. 6" THICK ASPHALT CONCRETE PAVEMENT OVER MIN. 8" CLASS 2 AGGREGATE BASE COMPACTED TO MIN. 95% RELATIVE COMPACTION. OVEREXCAVATE MIN. 12" SUBGRADE MATERIAL AND RECOMPACT TO MIN. 95% RELATIVE COMPACTION PER STRUCTURAL SECTION "A" ON SHEET C-401.
 - CONSTRUCT MIN. 4" THICK PC CONCRETE PAVEMENT WITH #4 REBAR AT 18" O.C., BOTH WAYS OVER MIN. 6" THICK CLASS 2 AGGREGATE BASE COMPACTED TO MIN. 95% COMPACTION PER STRUCTURAL SECTION "B" ON SHEET C-401. SEE ARCHITECTURAL PLANS FOR SURFACE TEXTURE AND COLOR. CONSTRUCT DEFPEDD EDGE AT PAVEMENT NOT JOINING CURBS, PAVEMENT, OR STRUCTURES PER DETAIL "D" ON SHEET C-401.
 - CONSTRUCT 6" HIGH CONCRETE CURB AND 18" WIDE CONCRETE GUTTER PER DETAIL "E" ON SHEET C-401.
 - CONSTRUCT 6" HIGH CONCRETE CURB PER DETAIL "F" ON SHEET C-401.
 - PLANTER AREA PER LANDSCAPE PLANS.
 - CONSTRUCT GRADED SWALE PER PLAN.
 - REMOVE EXISTING TREE AND ROOTS IN CONFLICT WITH PROPOSED IMPROVEMENTS COMPLETE AND LEGALLY DISPOSE OF OFF SITE.
 - PAINT 4" WIDE WHITE PARKING LOT STALL STRIPING.
 - CONSTRUCT CONCRETE ACCESSIBLE RAMP PER DETAIL "O" ON SHEET C-402.
 - CONSTRUCT 3" WIDE CONCRETE RIBBON GUTTER PER DETAIL "G" ON SHEET C-401.
 - CONSTRUCT 12" OPENING IN CURB TO ALLOW DRAINAGE THROUGH.
 - CONSTRUCT MIN. 24" LONG #5 DOWEL AT 12" O.C. BETWEEN EXISTING P.C. CONCRETE PAVEMENT TO REMAIN AND PROPOSED P.C. CONCRETE PAVEMENT, SEE DETAIL "C" ON SHEET C-401.
 - CONSTRUCT 2' LONG CURB HEIGHT TRANSITION FROM 0" TO 6".
 - CONSTRUCT CONCRETE ACCESSIBLE RAMP AND HAND RAILING PER ARCHITECTURAL PLANS.
 - CONSTRUCT DRIVEWAY WITH MIN. 6" THICK ASPHALT CONCRETE PAVEMENT OVER MIN. 8" CLASS 2 AGGREGATE BASE COMPACTED TO MIN. 95% RELATIVE COMPACTION. OVEREXCAVATE MIN. 12" SUBGRADE MATERIAL AND RECOMPACT TO MIN. 95% RELATIVE COMPACTION PER STRUCTURAL SECTION "A" ON SHEET C-401 AND SECTION A-A ON SHEET C-403.
 - CONSTRUCT CONCRETE CONCRETE SIDEWALK WITH CURBS ON EACH SIDE SIMILAR TO DETAIL "O" ON SHEET C-402.
 - CONSTRUCT STAGE PER ARCHITECTURAL PLANS.
 - CONSTRUCT CONCRETE ACCESSIBLE RAMP PER DETAIL "Q" ON SHEET C-402.
 - CONSTRUCT WHEELSTOP PER ARCHITECTURAL PLANS.

- STORM DRAINAGE CONSTRUCTION NOTES**
- CONSTRUCT 24"x24" CATCH BASIN WITH NO BOTTOM PER DETAIL "I" ON SHEET C-402.
 - CONSTRUCT 4" DIA. PVC STORM DRAIN PIPE FROM ROOF DRAIN. CONNECT TO ROOF DRAINS PER PLUMBING PLANS.
 - CONSTRUCT STORM DRAIN CLEANOUT AND WYE CONNECTION PER DETAIL "M" ON SHEET C-402.
 - CONSTRUCT 8" DIA. PERFORATED STORM DRAIN PIPE PER TRENCH DETAIL "H" ON SHEET C-402.



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

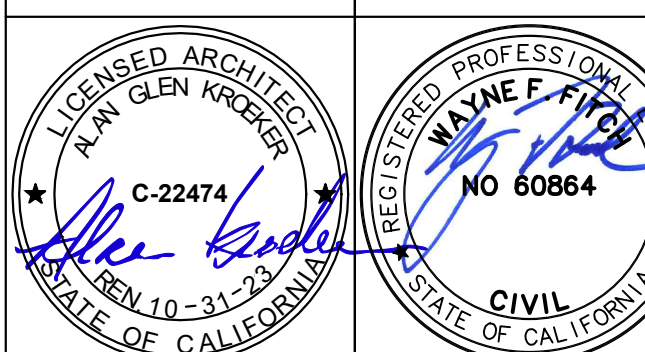




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ARCHITECT STAMP CONSULTANT STAMP



REVISIONS

NO	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

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ORCUTT ACADEMY HS MUR BUILDING
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SHEET TITLE

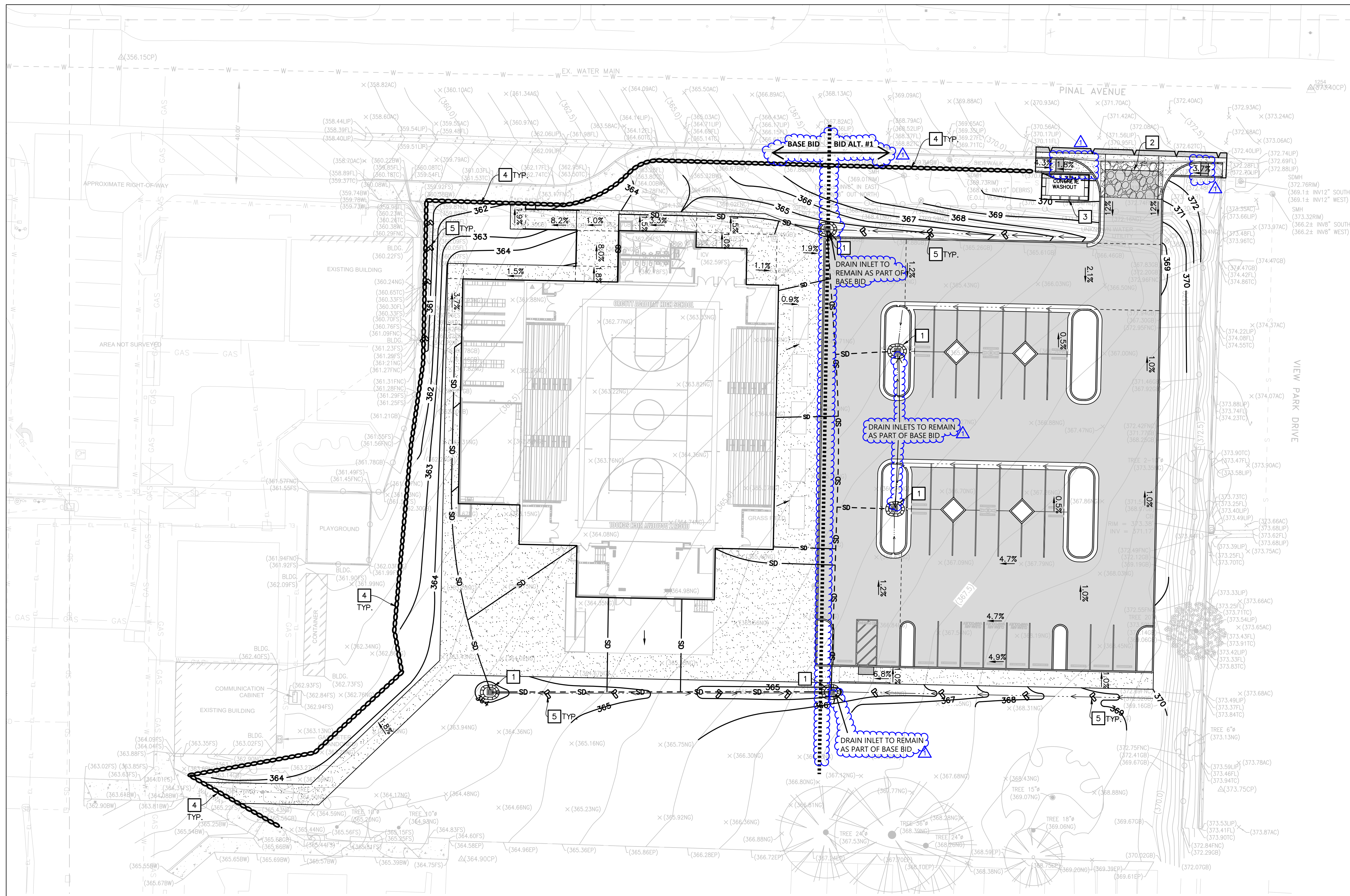
EROSION CONTROL PLAN

DRAWN BY: WFF JOB NUMBER: 20179.01

SHEET NO.

C-202

DATE: FEBRUARY 11, 2022



GENERAL NOTES

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

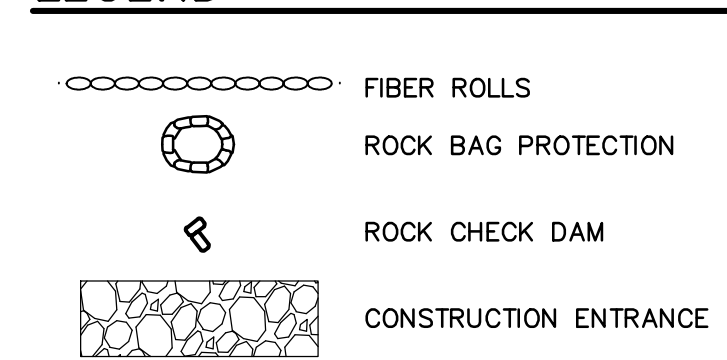
SEDIMENT CONTROL NOTES

- TEMPORARY SEDIMENT CONTROL DEVICES SHOWN ON THIS PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS NEEDED AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
- GRAVEL BAG CHECK DAMS SHALL BE PROVIDED IN ALL UNPAVED GRADED SWALES AT 50 FOOT MINIMUM INTERVALS AND AROUND ALL INLETS.
- ALL BASINS AND CHECK DAMS SHALL HAVE THE DEBRIS AND SILT REMOVED AFTER EACH STORM TO RESTORE THEIR CAPACITY.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MATERIALS SHALL BE STOCKPILED AND READY TO BE PLACED AS NEEDED.
- DURING CONSTRUCTION, WASHING OF CONCRETE TRUCKS, PAINT, EQUIPMENT OR SIMILAR ACTIVITIES SHALL OCCUR ONLY IN AREAS WHERE POLLUTED WATER AND MATERIALS CAN BE CONTAINED FOR SUBSEQUENT REMOVAL FROM THE SITE. WASH WATER SHALL NOT BE DISCHARGED TO THE STORM DRAINS, STREET, DRAINAGE DITCHES OR CREEKS. AREAS DESIGNATED FOR WASHING FUNCTIONS SHALL BE AT LEAST 100 FEET FROM ANY STORM DRAIN, WATERBODY OR SENSITIVE BIOLOGICAL RESOURCES. THE LOCATION OF THE WASHOUT AREA SHALL BE CLEARLY NOTED AT THE CONSTRUCTION SITE WITH SIGNS.
- JUTE NETTING AND STRAW SHALL BE APPLIED TO SLOPES GREATER THAN 3H:1V. THE FOLLOWING SEED MIX SHALL BE APPLIED TO ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS:

Lbs/Ac	Species	Min. % P/G
20	Bromus Carinatus	95/80
8	Vulpia Microstachys	90/60
8	Trifolium Gracilentum	98/85
4	Exchscholzia California	N/A

- TEMPORARY SEDIMENT BASINS, PER CASQA SE-2, SHALL BE INSTALLED TO DETAIN SEDIMENT-LADEN RUNOFF PRIOR TO DISCHARGING OFF-SITE.

LEGEND

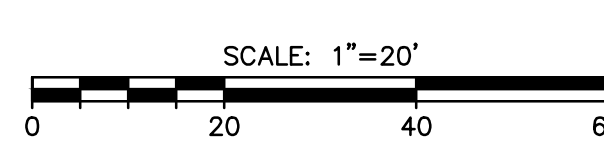
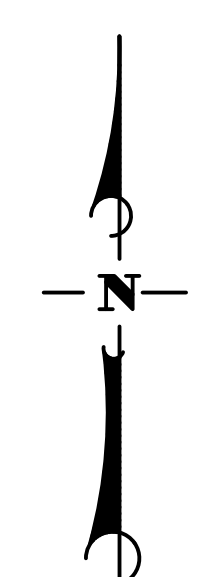


CONSTRUCTION NOTES

- CONSTRUCT DRAIN INLET PROTECTION PER DETAIL "N" ON SHEET C-403 FOR USE DURING PROJECT CONSTRUCTION.
- PROVIDE STABILIZED CONSTRUCTION ENTRANCE PER DETAIL TC-1 ON SHEET C-403.
- PROVIDE CONCRETE WASHOUT AREA PER DETAIL VM-8 ON SHEET C-403.
- PROVIDE FIBER ROLLS PER DETAIL SE-5 ON SHEET C-403.
- CONSTRUCT ROCK CHECK DAM PER DETAIL SE-4 ON SHEET C-403.

CAUTION

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



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ARCHITECT STAMP GLEN PRINER C-22474 STATE OF CALIFORNIA	CONSULTANT STAMP WINE F. FITZ NO 60864 STATE OF CALIFORNIA
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REVISIONS

NO.	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

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SHEET TITLE

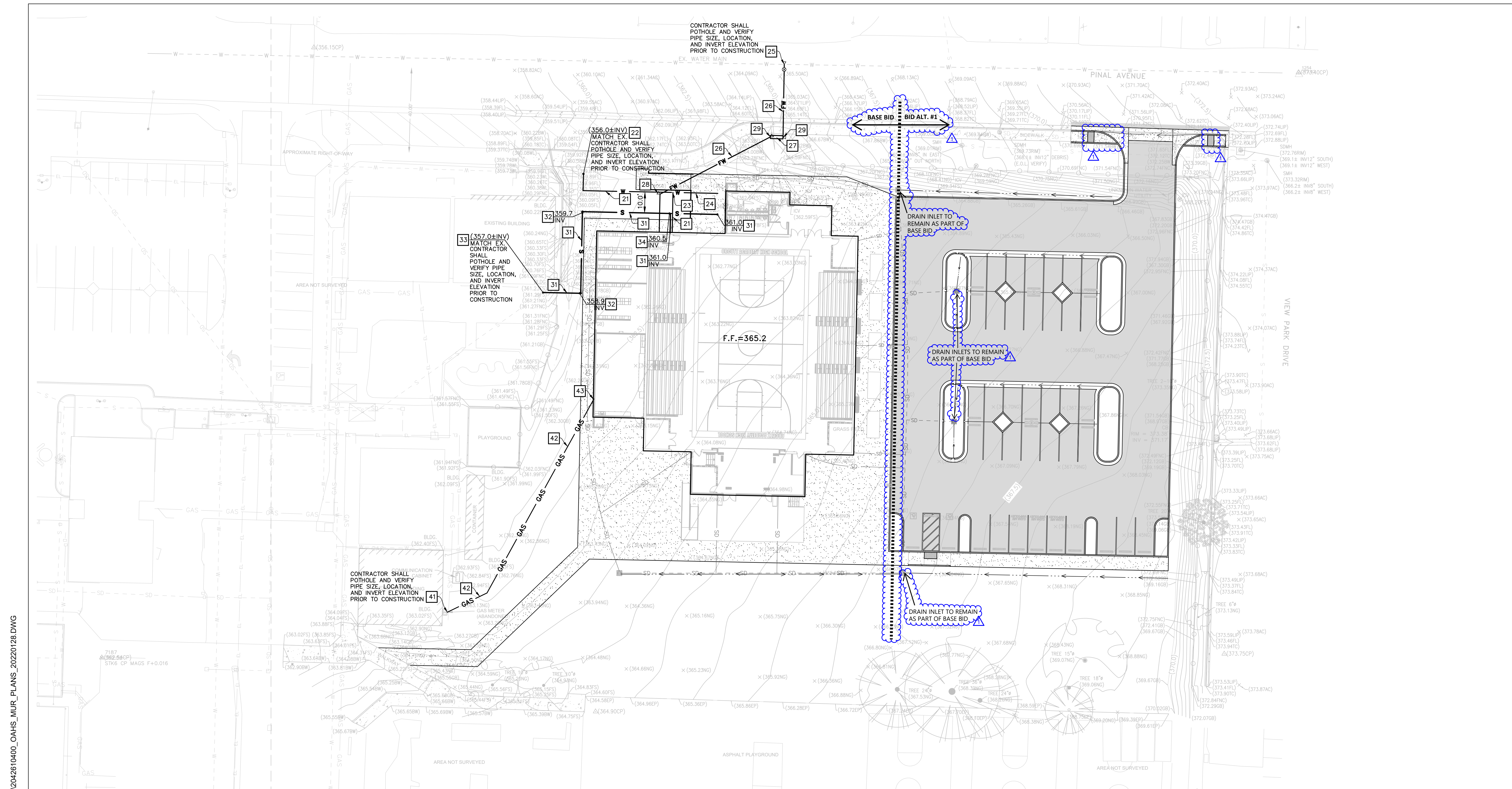
SITE UTILITY PLAN

DRAWN BY: WFF JOB NUMBER: 20179.01

SHEET NO.

C-301

DATE: FEBRUARY 11, 2022



LEGEND

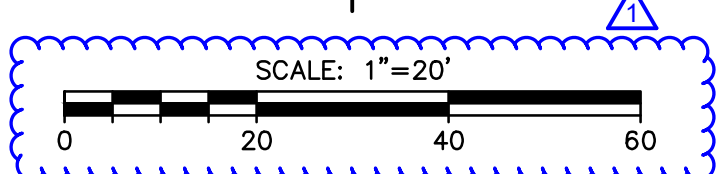
- S SEWER LINE
- W WATER LINE
- FW FIRE WATER LINE
- ⊗ WATER GATE VALVE
- BACKFLOW PREVENTER
- CLEANOUT

- WATERLINE CONSTRUCTION NOTES**
- CONSTRUCT 2" DIA. SCH 80 PVC WATER SERVICE AND ALL NECESSARY FITTINGS TO 5' OUTSIDE OF BUILDING PER TRENCH DETAIL "H" ON SHEET C-402. MAKE CONNECTION TO BUILDING PLUMBING PER PLUMBING PLANS.
 - CONNECT PROPOSED 2" DIA. WATER SERVICE TO EXISTING 2" DIA. WATERLINE WITH TEE CONNECTION AND ALL NECESSARY FITTINGS.
 - CONSTRUCT 2"x2"x2" TEE AND 2"x1-1/4" REDUCER.
 - CONSTRUCT 1-1/4" DIA. SCH. 80 PVC WATER SERVICE TO BUILDING PER TRENCH DETAIL "H" ON SHEET C-402 AND CONNECT TO BUILDING SERVICE PER PLUMBING PLANS.
 - CONSTRUCT 6" DIA. TAPPING VALVE AND SLEEVE ON EXISTING WATER MAIN AND CONCRETE THRUST BLOCKS PER DETAIL "J" ON SHEET C-402.
 - CONSTRUCT 6" DIA. CL. 350 PVC FIRE WATER SERVICE AND ALL NECESSARY FITTINGS TO 5' OUTSIDE OF BUILDING PER TRENCH DETAIL "H" ON SHEET C-402 AND CONCRETE THRUST BLOCKS PER DETAIL "J" ON SHEET C-402. MAKE CONNECTION TO BUILDING FIRE SERVICE PER FIRE SPRINKLER PLANS.
 - CONSTRUCT 6" DOUBLE DETECTOR CHECK VALVE BACKFLOW PREVENTER, WILKINS PRODUCT MODEL 350DA OR EQUAL, PER DETAIL "L" ON SHEET C-402 WITH SIAMISE FIRE DEPARTMENT CONNECTION ON BUILDING SIDE OF BACKFLOW PREVENTER.
 - CONSTRUCT 45° AND 22-1/2° BEND AND CONCRETE THRUST BLOCKS PER DETAIL "J" ON SHEET C-402.
 - CONSTRUCT 90° BEND AND CONCRETE THRUST BLOCKS PER DETAIL "J" ON SHEET C-402.

- SANITARY SEWER LINE CONSTRUCTION NOTES**
- CONSTRUCT 4" DIA. SDR35 PVC SANITARY SEWER LINE AND ALL NECESSARY FITTINGS TO 5' OUTSIDE OF BUILDING PER TRENCH DETAIL "H" ON SHEET C-402. MAKE CONNECTION TO BUILDING PLUMBING PER PLUMBING PLANS.
 - CONSTRUCT 6" DIA. SEWER CLEANOUT AND WYE CONNECTION PER DETAIL "M" ON SHEET C-402.
 - CONNECT PROPOSED SEWER SERVICE TO EXISTING SEWER LINE WITH WYE CONNECTION AND ALL NECESSARY FITTINGS.
 - CONSTRUCT 4" DIA. WYE CONNECTION.

- GAS LINE CONSTRUCTION NOTES**
- CONNECT PROPOSED 2" DIA. MEDIUM PRESSURE GAS LINE TO EXISTING GAS LINE WITH ALL NECESSARY FITTINGS.
 - CONSTRUCT 2" DIA. MEDIUM PRESSURE GAS LINE AND ALL NECESSARY FITTINGS PER TRENCH DETAIL "H" ON SHEET C-402.
 - CONSTRUCT GAS METER AT BUILDING PER PLUMBING PLANS.

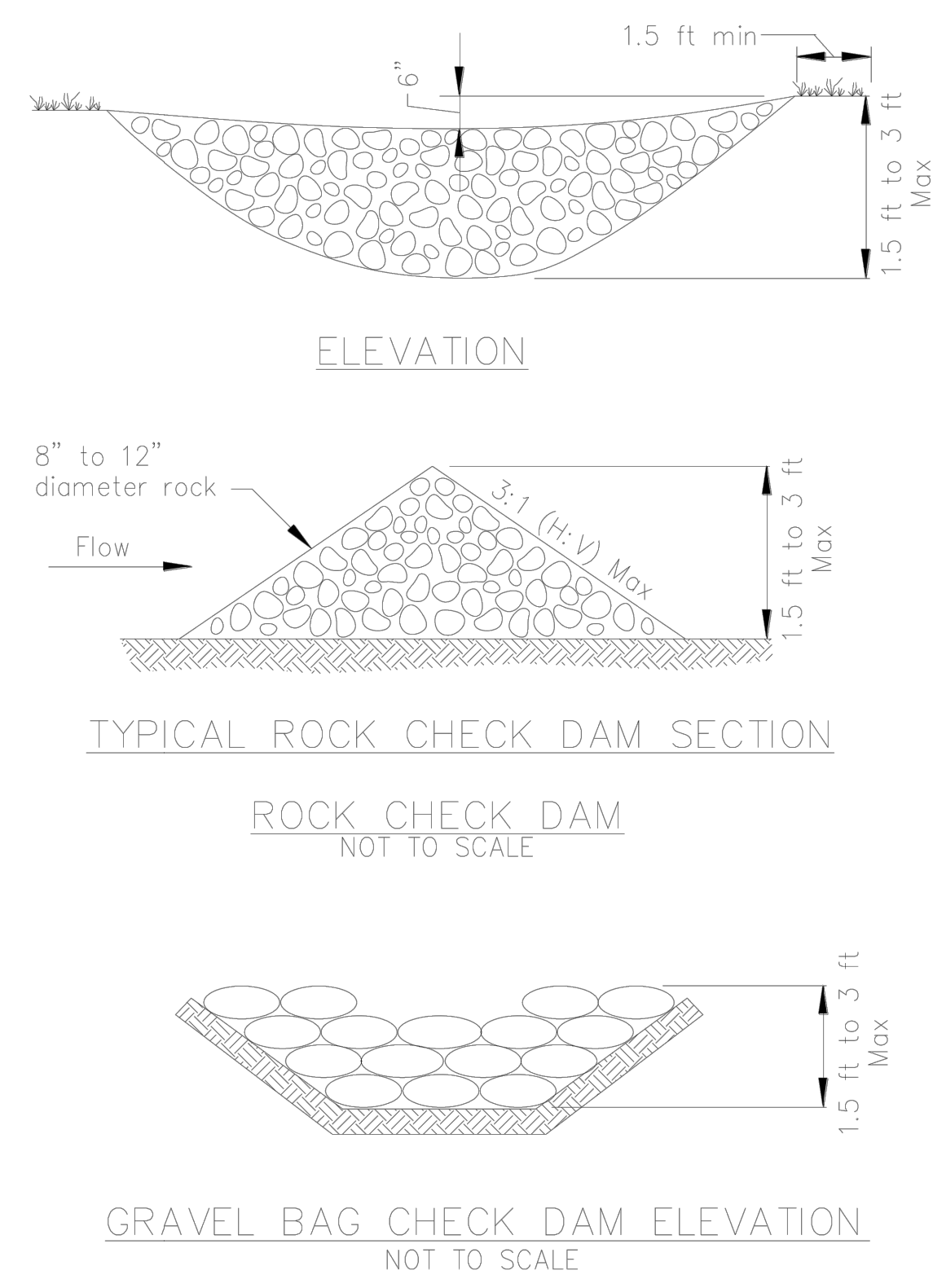
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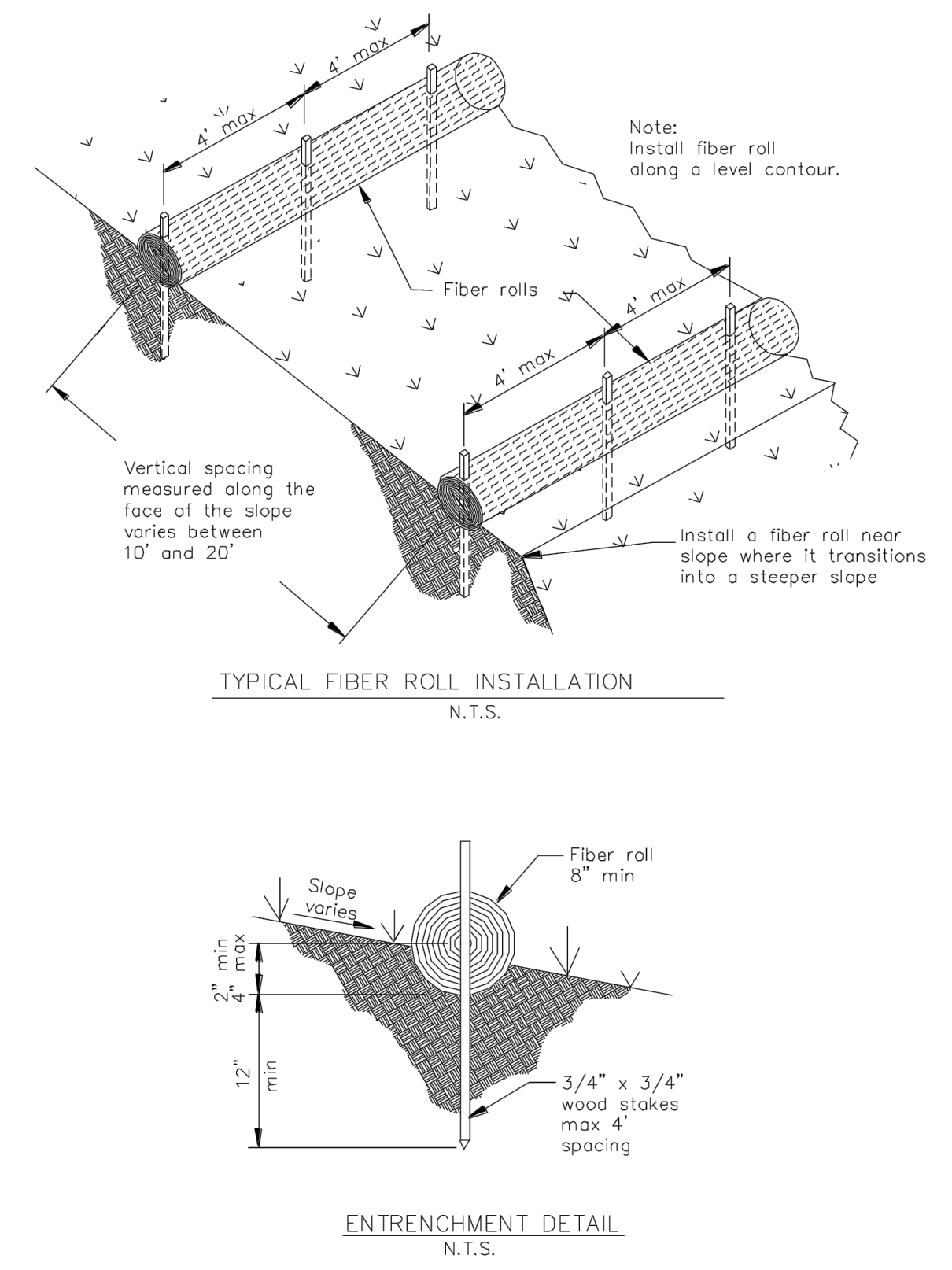
SE-4



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Fiber Rolls

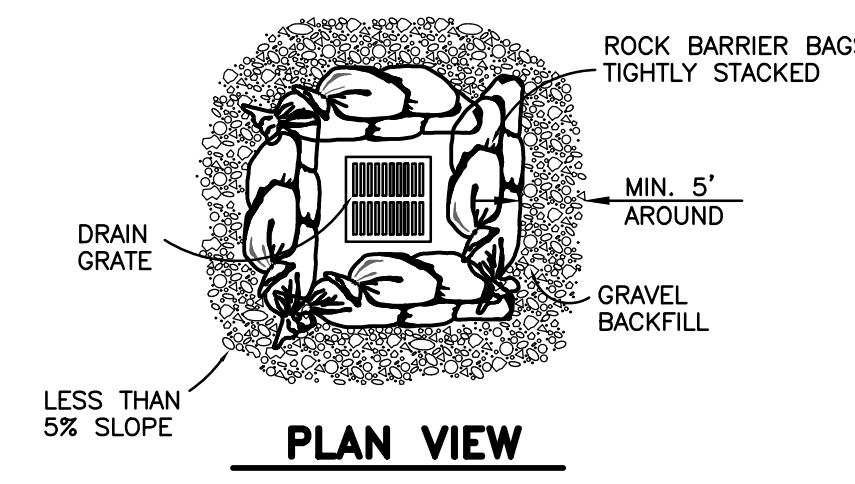
SE-5



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24"x12"x6" BURLAP OR SYNTHETIC NET BAGS

DETAIL



- NOTES:
1. FILL ROCK BARRIER BAGS 2/3 FULL OF 3/4" ROCK.
 2. PLACE BAGS SUCH THAT NO GAPS ARE EVIDENT IN A SINGLE OR DOUBLE LAYER. STAMP ENTIRE LAYER INTO PLACE PRIOR TO STARTING THE NEXT LAYER.
 3. ROCK BARRIER BAGS FOR CATCH BASIN SEDIMENT BARRIERS ARE TO BE USED FOR SMALL, NEARLY LEVEL DRAINAGE AREAS. (LESS THAN 5%).

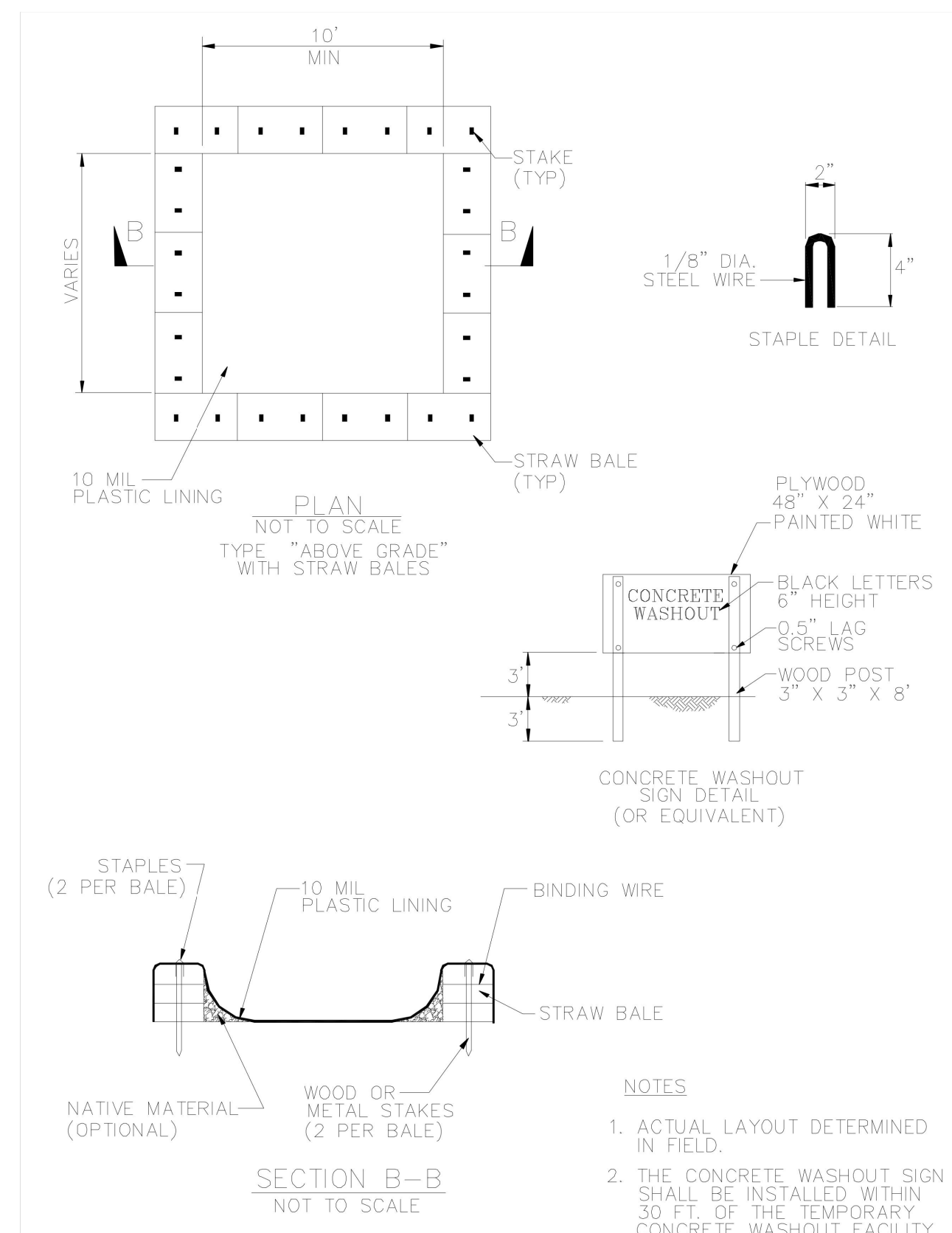
ROCK BAG CATCH BASIN SEDIMENT BARRIER

NOT TO SCALE N



Concrete Waste Management

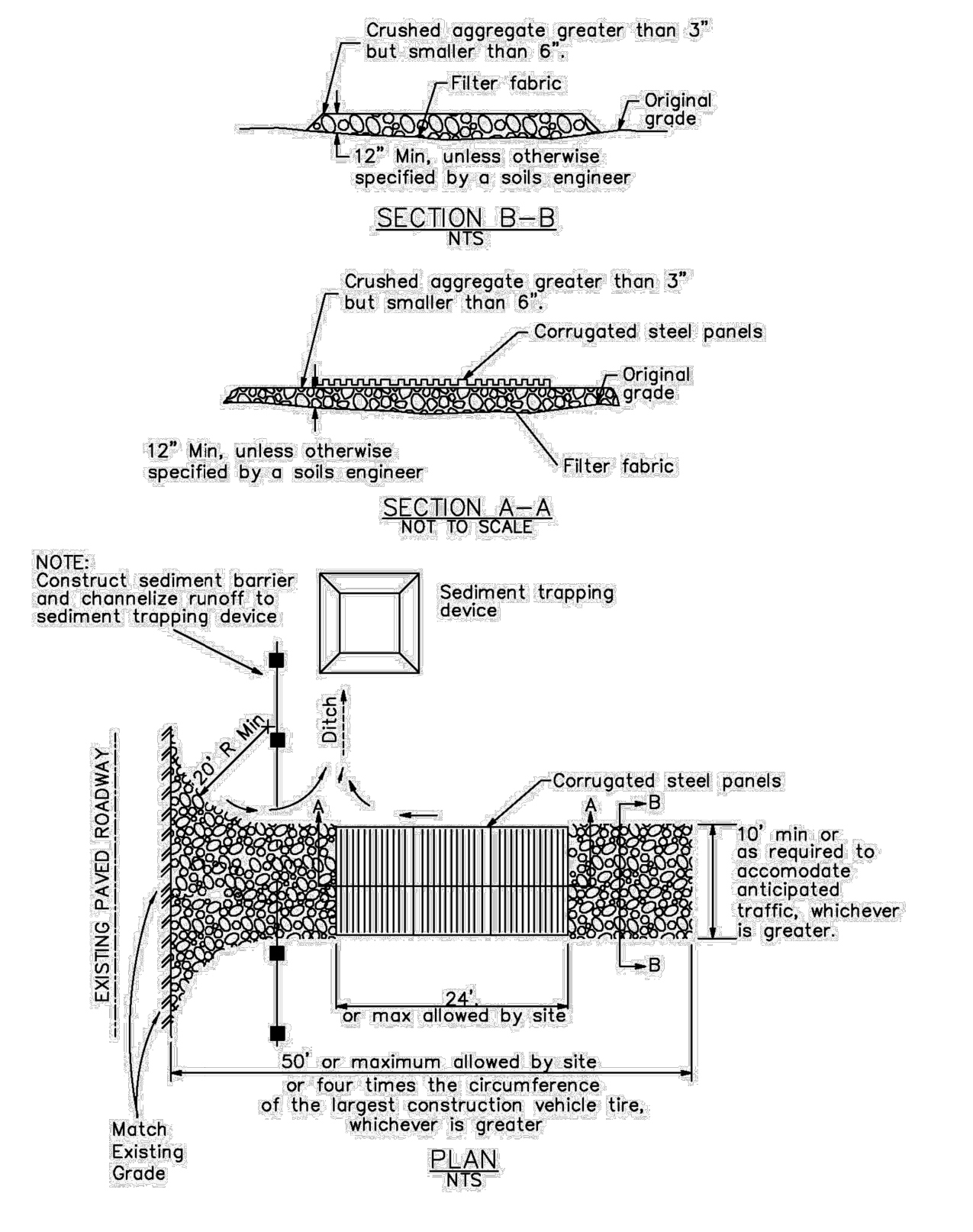
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Stabilized Construction Entrance/Exit

TC-1



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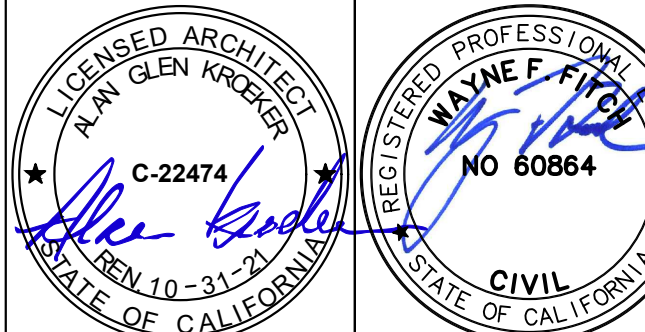
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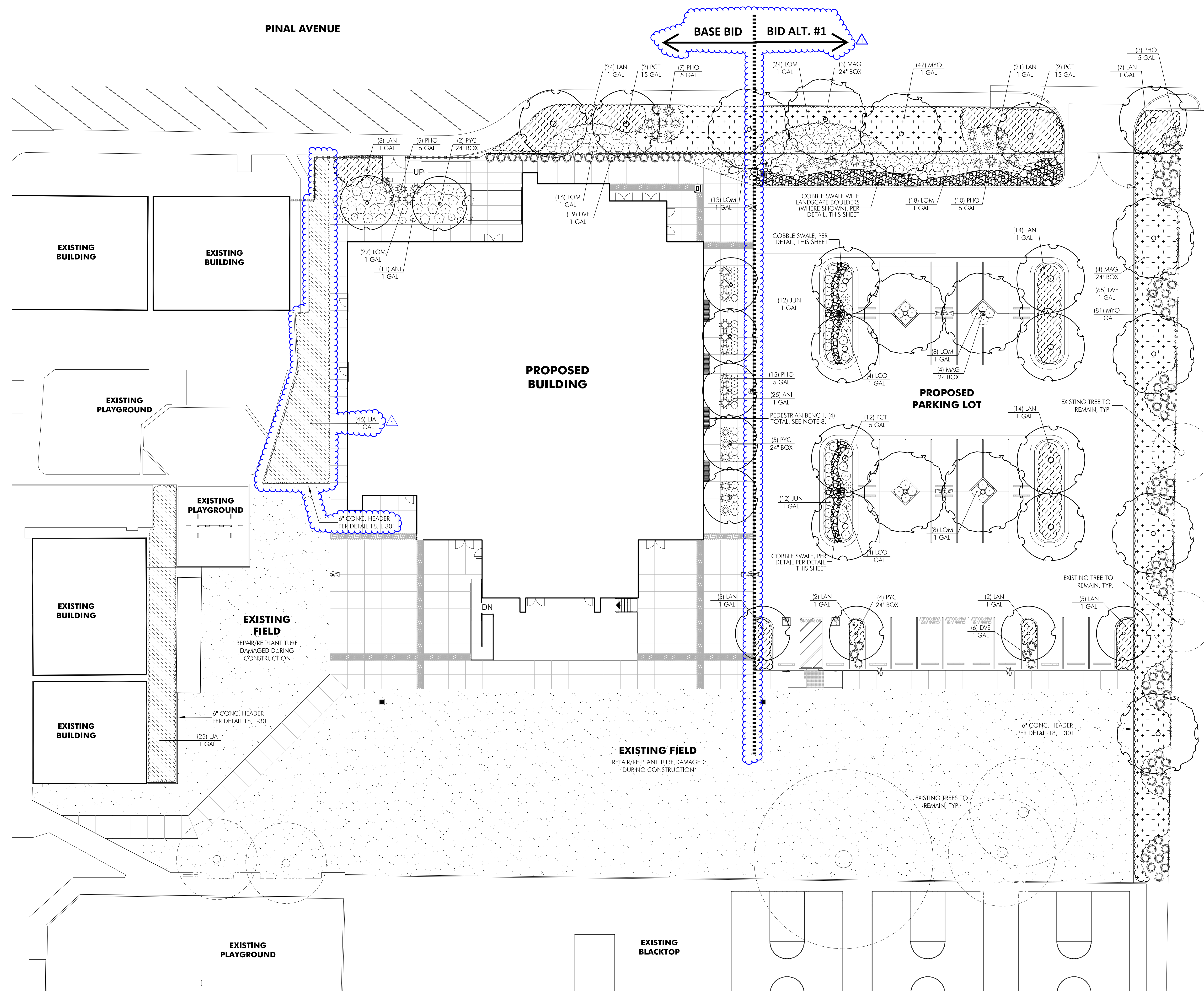
DETAILS

DRAWN BY: WFF JOB NUMBER: 20179.01

SHEET NO.

C-403

DATE: APRIL 19, 2022



PLANT LEGEND

TREES	BOTANICAL / COMMON NAME	WUCOLS	QTY.	SIZE	NOTES
MAG	Magnolia grandiflora 'Samuel Sommer' SOUTHERN MAGNOLIA	M	7	24" BOX 15 GAL	DETAILS 2a, 2b, 2c
PCT	Prunus cerasifera 'Thundercloud' PURPLE LEAF PLUM	L	13	15 GAL	DETAILS 2a, 2b, 2c
PYC	Pyrus calleryana 'Chanticleer' ORNAMENTAL PEAR	M	11	24" BOX	DETAILS 2a, 2b, 2c

SHRUBS / PERENNIALS	BOTANICAL / COMMON NAME	WUCOLS	QTY.	SIZE	NOTES
ANI	Anigozanthos 'Bush Ranger' KANGAROO PAW	L	36	1 GAL	DETAIL 1a
LOM	Lomandra longifolia 'Breeze' DWARF MAT RUSH	L	114	1 GAL	DETAIL 1a
JUN	Juncus patens CALIFORNIA GREY RUSH	L	24	1 GAL	DETAIL 1a
LCP	Leymus condensatus 'Canyon Prince' CANYON PRINCE WILD RYE	L	8	1 GAL	DETAIL 1a
PHO	Phormium 'Yellow Wave' NEW ZEALAND FLAX	L	47	5 GAL	DETAIL 1a
DVE	Dietsia vegata FORTNIGHT LILY	L	90	1 GAL	DETAIL 1a

GROUNDCOVER	BOTANICAL / COMMON NAME	WUCOLS	QTY.	SIZE	NOTES
LJA	Lonicera japonica 'Haliana' JAPANESE HONEYSUCKLE	L	71	1 GAL 5" O.C.	DETAIL 1a, 3a
LAN	Lantana montevidensis TRAILING LANTANA	L	102	1 GAL 4" O.C.	DETAIL 1a, 3a
MYO	Myoporum parvifolium 'Putah Creek' CREEPING MYOPORUM	L	128	1 GAL 5" O.C.	DETAIL 1a, 3a

PLANTING NOTES

- CONTRACTOR TO PERFORM SPRAY AND KILL OPERATION ON ALL PLANTER AREAS THAT ONCE HAD TURF GROWING. REFER TO PLANTING SPECIFICATIONS FOR MORE INFO.
- QUANTITIES AND SIZES SHOWN IN THE PLANT LEGEND ARE FOR REFERENCE ONLY AND SHALL BE VERIFIED BY THE CONTRACTOR. NOTIFY PROJECT LANDSCAPE ARCHITECT OF ANY MAJOR DISCREPANCIES.
- ALL PLANTER AREAS, AS DESIGNATED ON THE PLAN, SHALL BE PREPARED AND AMENDED PER THE SPECIFICATIONS. SOIL AMENDMENTS AND PREPARATION SHALL CONFORM TO STATE AB1881 AND LOCAL WATER EFFICIENT LANDSCAPE ORDINANCES.
- ALL TREES PLANTED WITHIN 7' OF HARDSCAPE OR STRUCTURES SHALL BE INSTALLED WITH A DEEP ROOT PLANTER, PER DETAIL 2B.
- INSTALL MINIMUM 3" THICK BARK MULCH IN ALL PLANTING AREAS. REFER TO SPECIFICATIONS FOR TYPE. PROVIDE SAMPLE FOR APPROVAL.
- ADJUST PLANT MATERIAL AS NECESSARY AROUND UTILITY LOCATIONS. NOTIFY LANDSCAPE ARCHITECT AND/OR DISTRICT OF ANY MAJOR CONFLICTS OR NECESSARY ADJUSTMENTS.
- REVIEW THE PLANTING AND IRRIGATION SPECIFICATIONS PRIOR TO BIDDING. IF NOT PROVIDED, CONTACT THE LANDSCAPE ARCHITECT.
- BENCH (QTY: 4) SHALL BE "RB-28". SIZE: 8' LONG, WITH INTERMEDIATE ARM REST. COLOR: BLACK. SURFACE MOUNT PER MANF'S INSTRUCTIONS. AVAILABLE FROM VICTOR STANLEY: 800-368-2573
- ANY EXISTING VEGETATION TO REMAIN AND NEWLY PROPOSED VEGETATION WILL BE PROPERLY MAINTAINED BY THE DISTRICT IN PERPETUITY AND IN ACCORDANCE WITH CBC 701A.5.

CALGREEN SHADING REQUIREMENTS

Per calgreen section 5.106.12.1 surface parking areas:
 5.106.12.1 Surface parking areas. Shade tree plantings, minimum #10 container size or equal, shall be installed to provide shade over 50% of the parking area within 15 years.
 Calculations:
 Parking Field only approx. = 6,324 sq. ft.
 Tree shading provided approx. = 3,225 sq. ft.
 Percentage of shading provided per CALGreen = 51%



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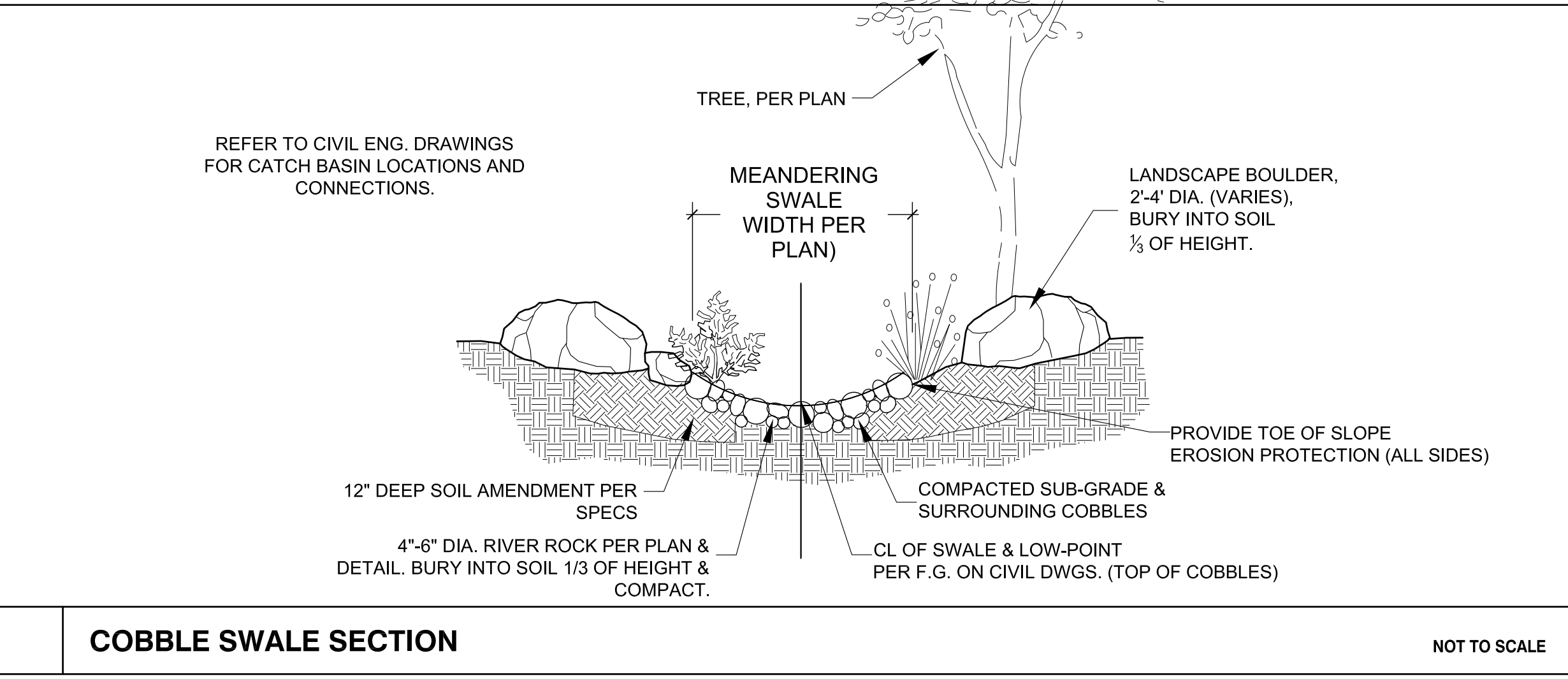
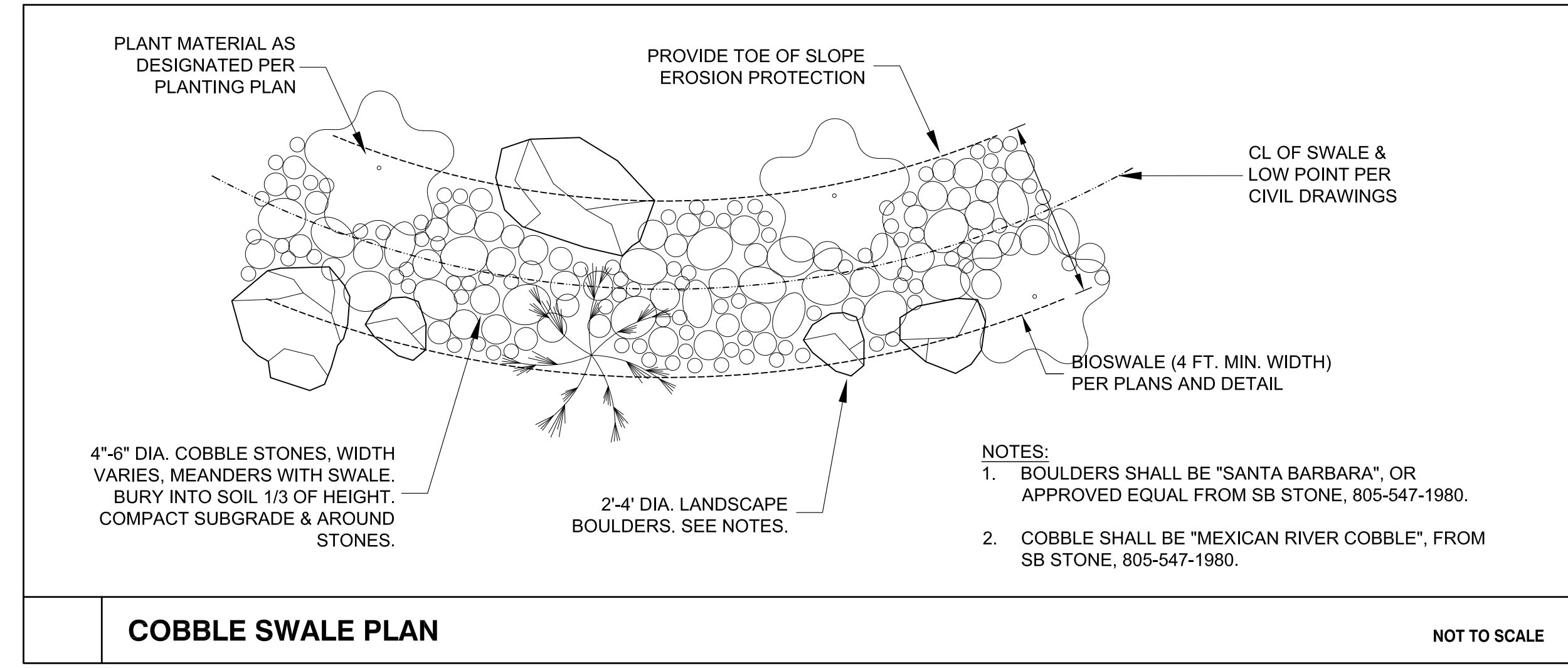
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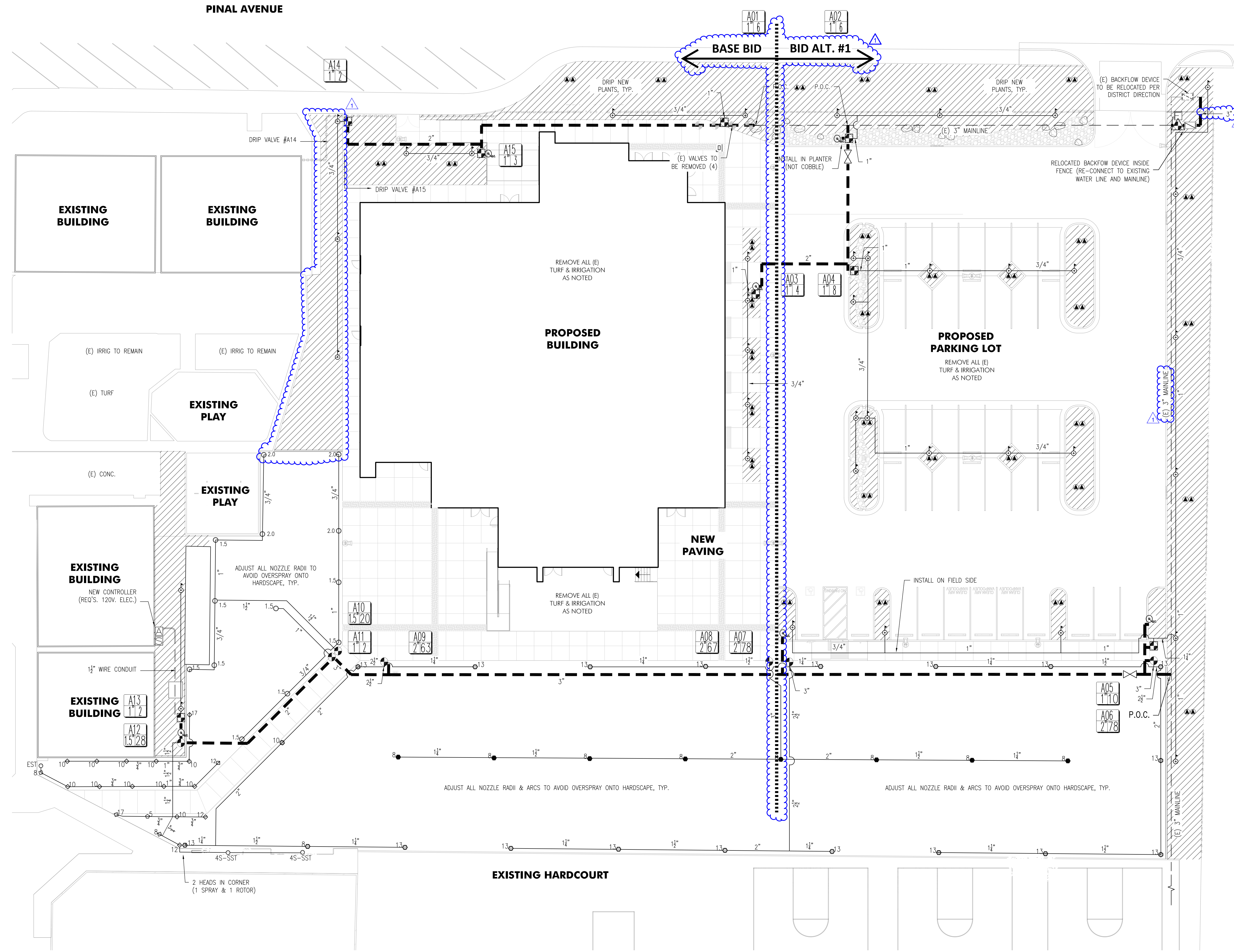
SHEET TITLE
PLANTING PLAN

DRAWN BY: JOB NUMBER: 20179.01
 SHEET NO.
L-101
 DATE: APRIL 13, 2022



SCALE: 1" = 16'-0"

FILE LOCATION:
 DATE PLOTTED:



IRRIGATION LEGEND

SYMBOL	DESCRIPTION	NOTE
	IRRITROL MC-18E SERIES AUTO. CONTROLLER IN VIT ENCLOSURE (#8-1 BSS) WITH #CL-100-WIRELESS WEATHER SENSING SYSTEM	INSTALL PER LOCAL CODES AND MANUFACTURERS INSTRUCTIONS. REFER TO DETAIL 4, SHEET L-301
	IRRITROL 700-OMR100 SERIES ELECTRIC VALVE. SIZE PER VALVE KEY	REFER TO DETAIL 6, SHEET L-301
	LATERAL LINE SCH. 40 PVC PIPE SEE NOTE 'G'	REFER TO DETAIL 9, SHEET L-301
	MAINLINE SCH. 40 PVC PIPE (3" UNLESS NOTED)	REFER TO DETAIL 9, SHEET L-301
	TORO #DZK-700 DRIP CONTROL ZONE KIT	REFER TO DETAIL 12, SHEET L-301
	DRIPLINE 5/8" I.D. POLY. PIPE (TORO BLUE STRIPE) WITH TORO NGE-PC EMITTERS	SEE NOTE 'F' FOR EMITTER QNTY. SEE DETAILS 13-14, SHEET L-301
	PVC TO POLY DRIPLINE ADAPTER	REFER TO DETAIL 15, SHEET L-301
	EXISTING BACKFLOW DEVICE TO BE REPLACED & RELOCATED	INSTALL NEW RP DEVICE PER DETAIL 5, SHEET L-301
	RAINBRD 44-LRC QUICK COUPLER VALVE	REFER TO DETAIL 7, SHEET L-301
	NDS 8TU-2000-TE PVC BALL VALVE	REFER TO DETAIL 8, SHEET L-301
	EXISTING FERTILIZER INJECTOR & VALVE TO BE RELOCATED	INSTALL INSIDE NEW FENCE, BELOW GRADE (ON LEVEL SURFACE)
	SUPERIOR 3100-200 MASTER VALVE (NC) WITH IRRITROL FS-15 FLOW SENSOR (1.8-108 GPM)	REFER TO DETAILS 19 & 20, SHT. L-301

IRRIGATION HEADS

SYMBOL	DESCRIPTION	PSI	RADIUS (FT.)	FLOW (GPM)	PRECIP (IN./HR)
	TORO 5702-6R-PRK-COM POP-UP SPRAY # = TVAN NOZZLE RADIUS (8-17); INSTALL PER DETAIL 16, SHT. L-301 EST = 4x15 END STRIP, 45-SST = 4x18 SIDE STRIP, 5 = MFR NOZZLE	30	7-17	5-2.4	-1.7-4.6
	HUNTER I-20-06-SS TURF ROTOR	45	20-30'	1.5-2.0	-24-.30
	HUNTER I-20-06-SS TURF ROTOR # = NOZZLE RADIUS (1.5-2.0); INSTALL PER DETAIL 10, SHT. L-301	45	20-30'	1.5-2.0	-30-.46
	HUNTER I-40-06-SS TURF ROTOR	50	30-40'	11.1	-85-.99
	HUNTER I-40-06-SS TURF ROTOR # = NOZZLE RADIUS (13); INSTALL PER DETAIL 10, SHT. L-301	50	30-40'	11.1	-85-.99
	RAINBRD RWS-8-PCT10-SOCK-GRATE INSTALL 2 PER TREE. INSTALL PER DETAIL 17, SHT. L-301	30	DRIP BUBBLER	.10 GPH	N.A.

VALVE KEY

	VALVE & CONTROLLER STA. #
	VALVE SIZE
	GALLONS PER MINUTE

KEY NOTES

- REMOVE EXISTING VALVES, IRRIGATION HEADS AND LATERAL LINES LOCATED IN PROJECT AREA. RETURN VALVES AND HEADS TO DISTRICT. ABANDON LATERALS UNLESS IN CONFLICT (REMOVE).
- COORDINATE WITH DISTRICT FOR ESTABLISHMENT PERIOD CONTROLLER SCHEDULE. CONTACT BRAD GITCHELL AT (805) 938-8971.

IRRIGATION NOTES

- IRRIGATION PLANS ARE DIAGRAMMATIC. ACTUAL LINE AND HEAD PLACEMENT SHALL BE DETERMINED ON SITE DURING CONSTRUCTION. CONTRACTOR SHALL ADJUST NOZZLE RADIUS (TO ACHIEVE 100% COVERAGE) BASED ON PLAN LAYOUT & IN-FIELD DIMENSIONS.
- POINT OF CONNECTION (P.O.C.) AT EXISTING MAINLINE BY LANDSCAPE CONTRACTOR.
- SYSTEM DESIGN BASED ON 80 P.S.I. STATIC WATER PRESSURE. MINIMUM OPERATING PRESSURE SHALL BE 30 P.S.I. FOR DRIP, SPRAY HEADS, & BUBBLERS, AND 45-50 PSI FOR ROTARY SPRINKLERS.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR 100% COVERAGE AT NO ADDITIONAL COST TO OWNER. SITE DIMENSIONS SHOULD BE THOROUGHLY CHECKED BY CONTRACTOR PRIOR TO BIDDING AND CONSTRUCTION. DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
- REFER TO THE SPECIFICATIONS PRIOR TO BIDDING AND CONSTRUCTION (DOCUMENTS ARE INCOMPLETE WITHOUT SPECIFICATIONS).
- ALL LINES & CONTROL WIRES UNDER PAVING SHALL BE SLEEVED. CONTRACTOR SHALL INSTALL SLEEVES IN STRAIGHT LINES FROM PLANTER TO PLANTER. PLACE DESIGNATED LINE (A WIRES) INSIDE SLEEVE PRIOR TO INSTALLATION. SLEEVES SHALL BE 2x LINE SIZE.
- PIPE SIZES SHOWN ON THE PLAN CONTINUE DOWNSTREAM, TO THE NEXT SIZE LABEL, TYPICAL.
- IRRIGATION EQUIPMENT MAY BE SHOWN OUTSIDE OF PLANTERS FOR CLARITY. INSTALL ALL EQUIPMENT IN PLANTERS UNLESS NOTED OTHERWISE.
- INSTALL TWO (2)- 1 GPH EMITTERS PER 1 GAL. CONTAINER, 3- 1 GPH/5 GAL., 2- 2 GPH/15 GAL., 3- 2 GPH/24" BOX. INSTALL EMITTERS AT EQUAL DISTANCE AROUND ROOTBALL.



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ORCUTT UNION SCHOOL DISTRICT
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ORCUTT ACADEMY HS MUR BUILDING
 610 Pinal Avenue
 Orcutt, CA 93455

SHEET TITLE
IRRIGATION PLAN

DRAWN BY: JOB NUMBER: 20179.01
 SHEET NO.

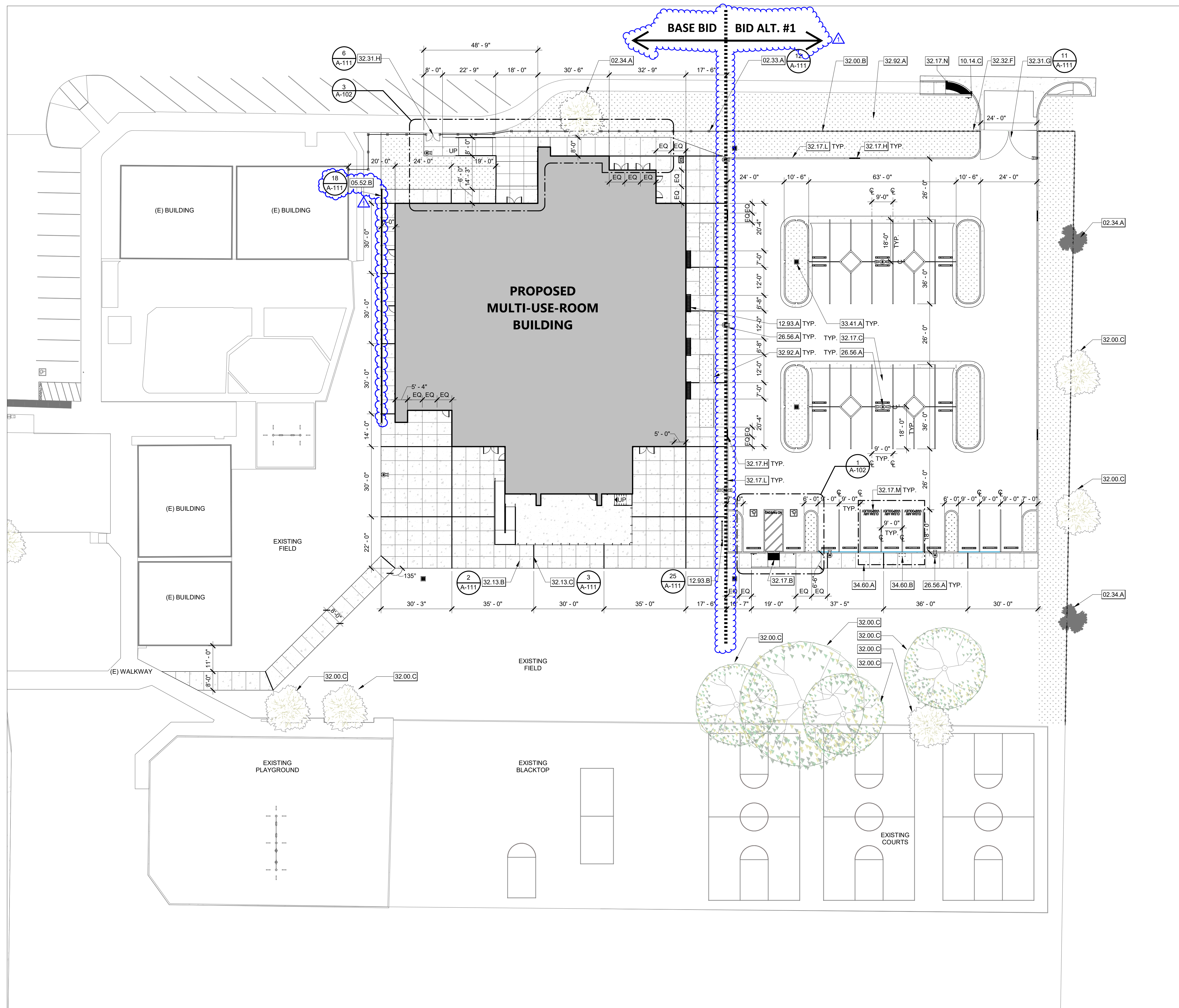
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DATE: APRIL 13, 2022



DATE PLOTTED: FILE LOCATION:

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OVERALL SITE PLAN 1" = 20'-0" 1

KEYNOTES

- 02.33.A EXISTING CHAIN LINK FENCE TO BE REPLACED WITH DECORATIVE FENCE
- 02.34.A EXISTING TREE TO BE REMOVED
- 05.52.B 1-1/2" DIA. SCH. 40 GUARDRAIL
- 10.14.C PARKING LOT ENTRANCE SIGN PER 20/A-111
- 12.93.A SITE SEATING AND TABLES
- 12.93.B BIKE RACK
- 26.56.A LIGHT STANDARDS PER ELECTRICAL DRAWINGS.
- 32.00.B (E) CHAIN LINK FENCE TO REMAIN
- 32.00.C (E) TREE
- 32.13.B CONTROL JOINTS AT 6'-0" O.C. OR AS SHOWN ON THE PLANS
- 32.13.C EXPANSION JOINTS AT 30'-0" O.C. OR AS SHOWN ON THE PLANS
- 32.17.B 36" WIDE TRUNCATED DOMES BAND
- 32.17.C 4" WIDE WHITE STRIPING
- 32.17.H 4" TALL HIGHWAY WHITE LETTERING WITH A STROKE OF .75" MIN. TO READ "NO PARKING - FIRE LANE" AT 100' O.C.
- 32.17.L PAINT CURB RED
- 32.17.M 12" "CLEAN AIR/VAN/POOL/EV", PAINT, IN THE PAINT USED FOR STALL STRIPING, SUCH THAT THE LOWER EDGE OF THE LAST WORD ALIGNS WITH THE END OF THE STALL STRIPING.
- 32.17.N TRUNCATED DOMES. SEE CIVIL DRAWINGS.
- 32.31.G 24'-0" WIDE DOUBLE CHAIN LINK GATE
- 32.31.H 6'-0" TALL DOUBLE 8'-0" WIDE DECORATIVE GATE
- 32.32.F KNOX BOX
- 32.92.A LANDSCAPE AREA, REFER TO LANDSCAPE DRAWINGS
- 33.41.A STORM DRAIN INLET GRATE & BOX. REFER TO CIVIL
- 34.60.A FUTURE EV CHARGING STATIONS.
- 34.60.B FUTURE EV CHARGER.

SITE PLAN GENERAL NOTES

1. SEE MECHANICAL, ELECTRICAL, AND CIVIL DRAWINGS FOR UTILITIES.

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REVISIONS

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Orcutt, CA 93455

SHEET TITLE

SITE PLAN

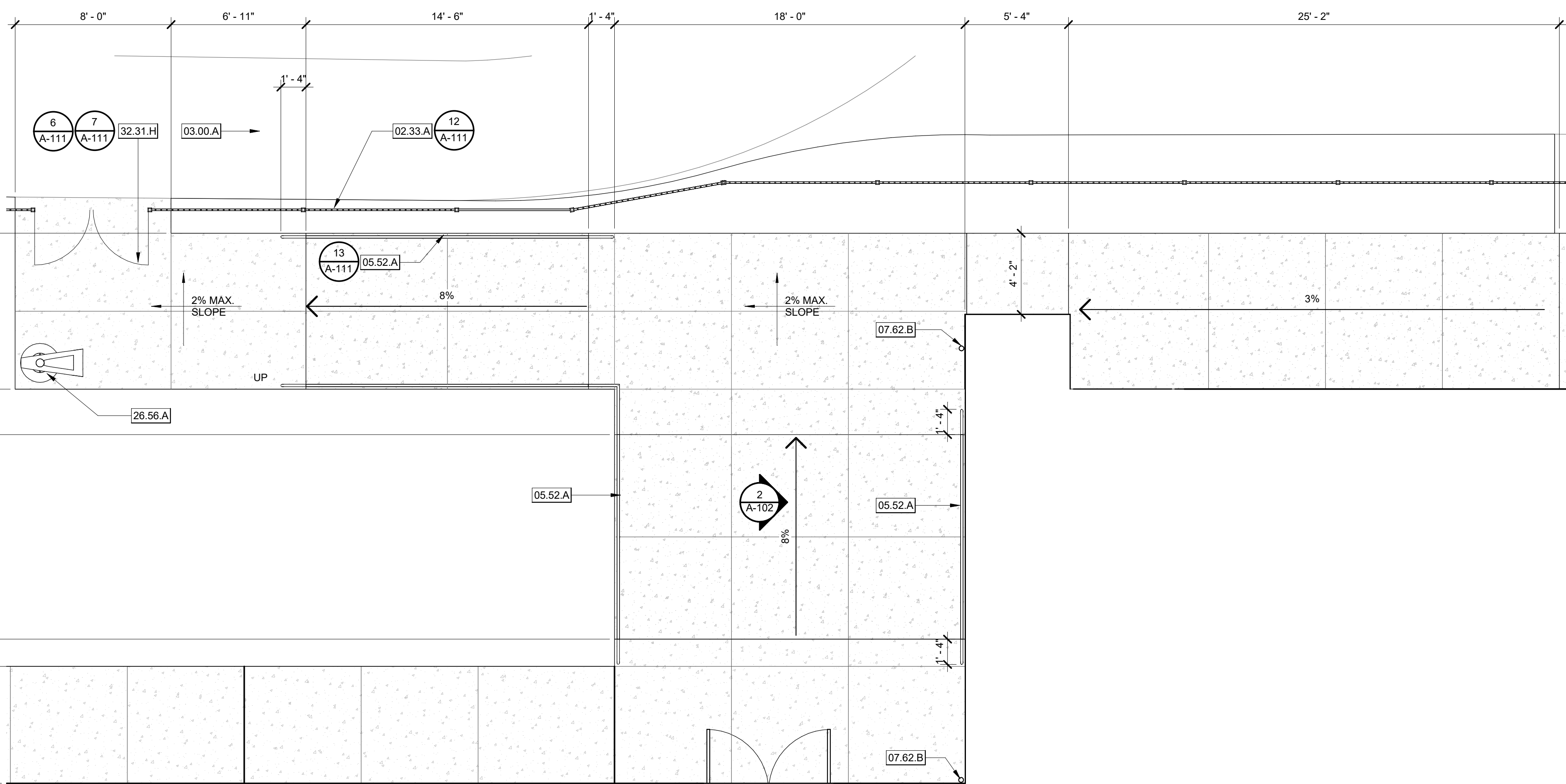
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SHEET NO.

A-101

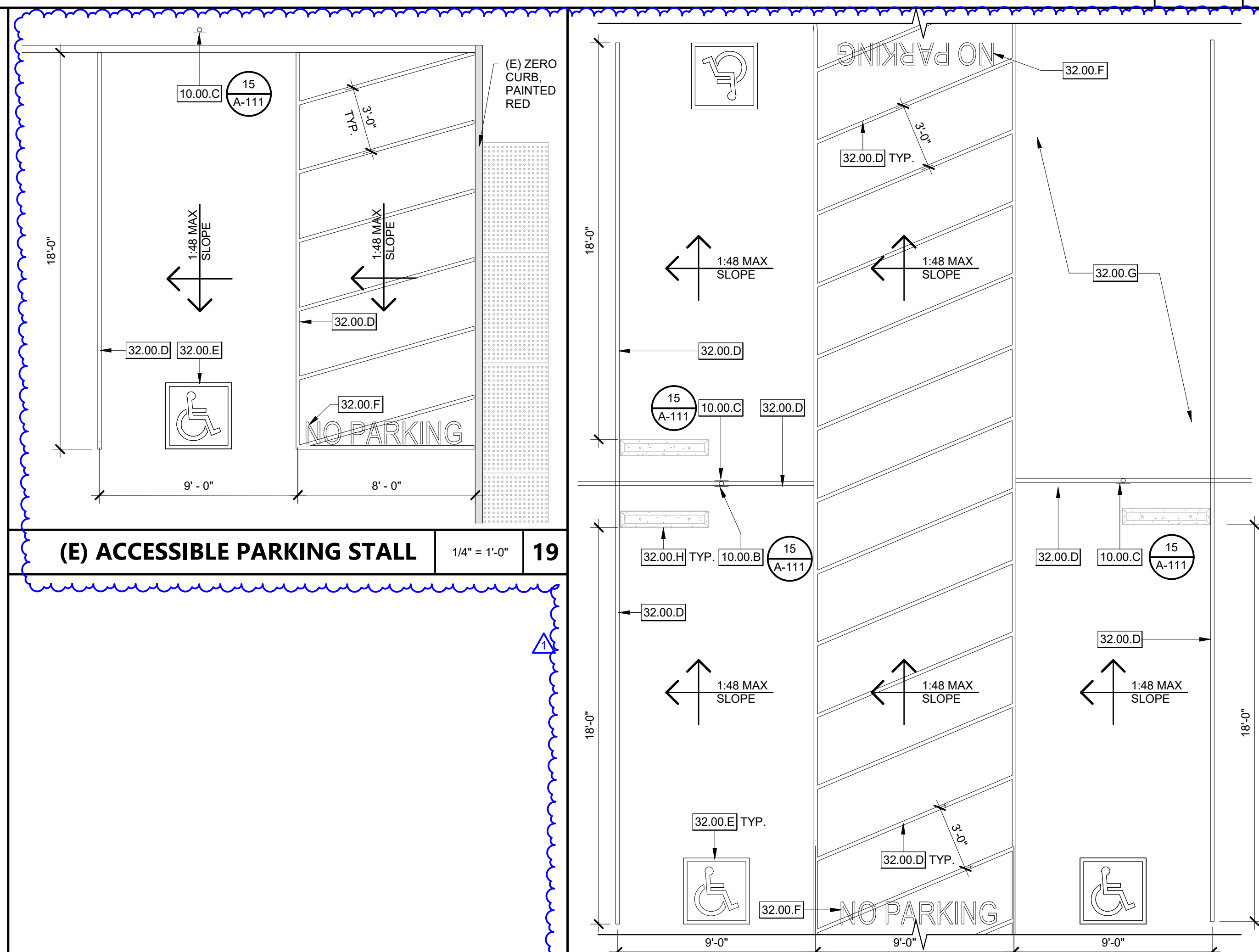
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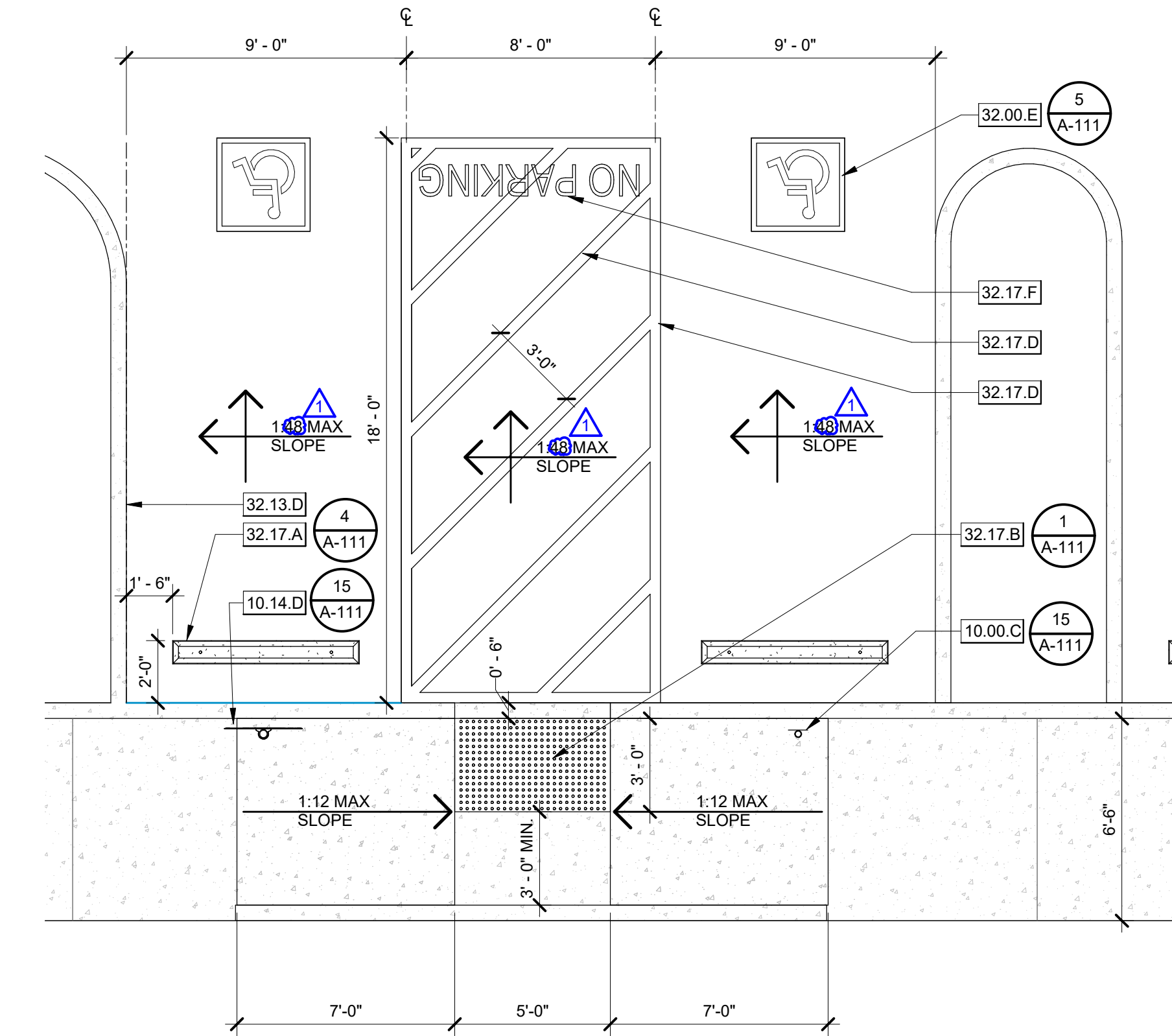
OVERALL SITE PLAN - EXTERIOR RAMP ENTRY 1/4" = 1'-0" 3

OVERALL SITE PLAN - ACCESSIBLE PARKING 1/4" = 1'-0" 1



(E) ACCESSIBLE PARKING STALL 1/4" = 1'-0" 19

EXISTING ACCESSIBLE PARKING 1/4" = 1'-0" 15



RAMP ELEVATION AT EXTERIOR RAMP ENTRY 3/8" = 1'-0" 2

KEYNOTES

- 02.33.A EXISTING CHAIN LINK FENCE TO BE REPLACED WITH DECORATIVE FENCE
- 03.00.A (E) CONCRETE PAD TO REMAIN
- 05.52.A 1-1/2" DIA. SCH. 40 HANDRAIL
- 07.62.B 3" DIA. SCHEDULE 40 DOWNSPOUT, PAINTED. CONNECT TO STORM DRAIN SYSTEM.
- 10.00.B (E) VAN ACCESSIBLE STALL SIGN
- 10.00.C (E) ACCESSIBLE STALL SIGN
- 10.14.D REGULAR ACCESSIBLE STALL SIGN
- 26.56.A LIGHT STANDARDS PER ELECTRICAL DRAWINGS.
- 32.00.D (E) 2" WIDE BLUE STRIPING
- 32.00.E (E) 36" X 36" INTERNATIONAL SYMBOL OF ACCESSIBILITY
- 32.00.F (E) 12" WHITE NO PARKING LETTERS
- 32.00.G (E) REGULAR PARKING STALL
- 32.00.H (E) WHEEL STOP, PAINTED BLUE.
- 32.13.D CONCRETE CURB (& GUTTER WHERE OCCURS) IN THE AREA OF WORK, UNLESS NOTED OTHERWISE. REFER TO CIVIL.
- 32.17.A WHEEL STOP
- 32.17.B 36" WIDE TRUNCATED DOMES BAND
- 32.17.D 4" WIDE BLUE STRIPING. BLUE 15090 FEDERAL STANDARD 955A
- 32.17.F 12" WHITE "NO PARKING" LETTERS
- 32.31.H 6'-0" TALL DOUBLE 6'-0" WIDE DECORATIVE GATE

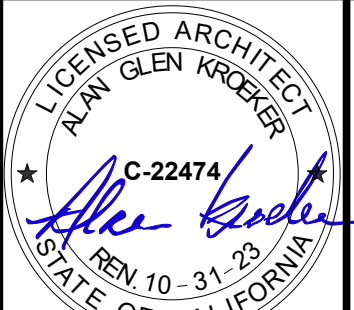
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SHEET TITLE
ENLARGED SITE PLAN

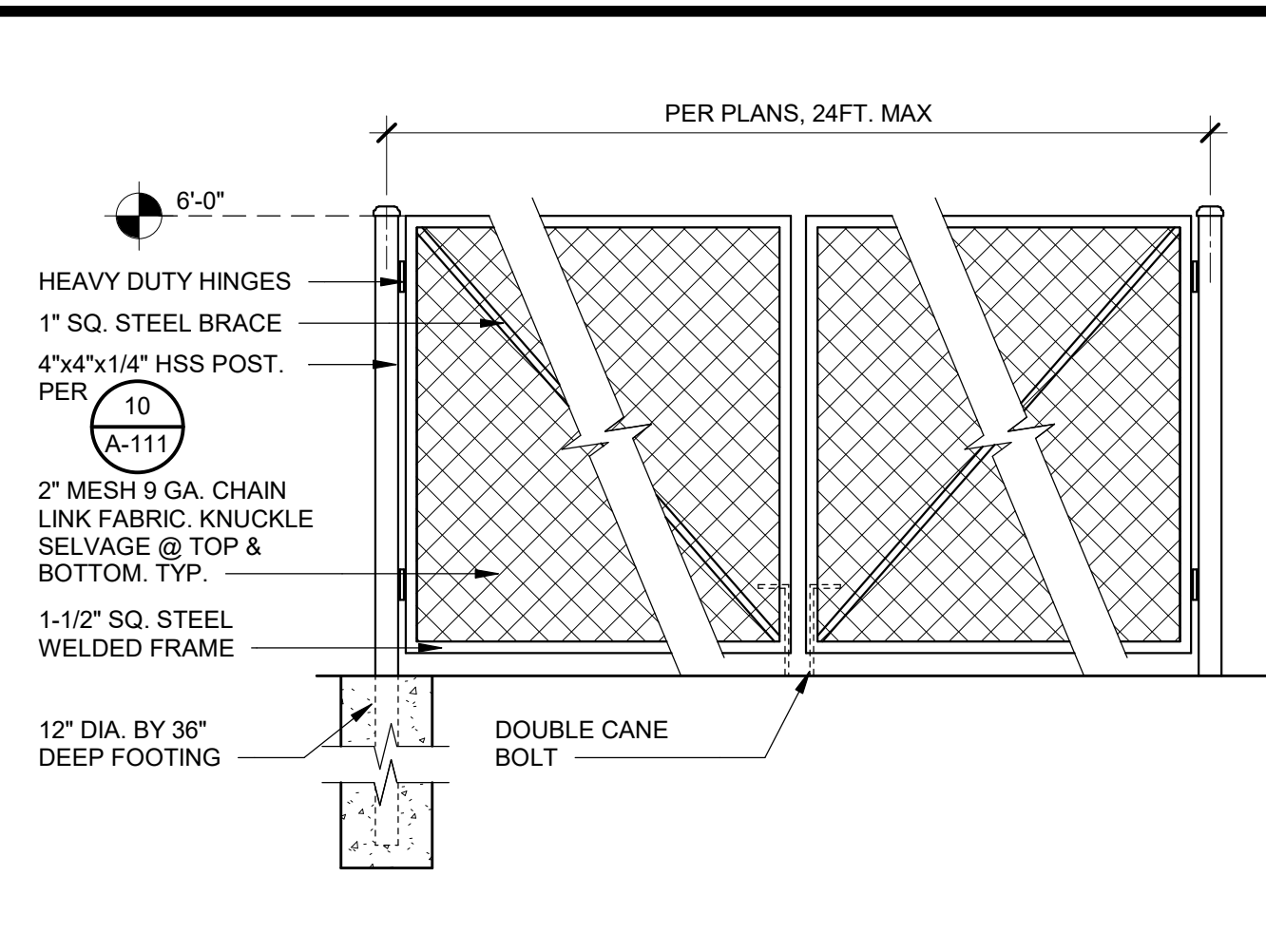
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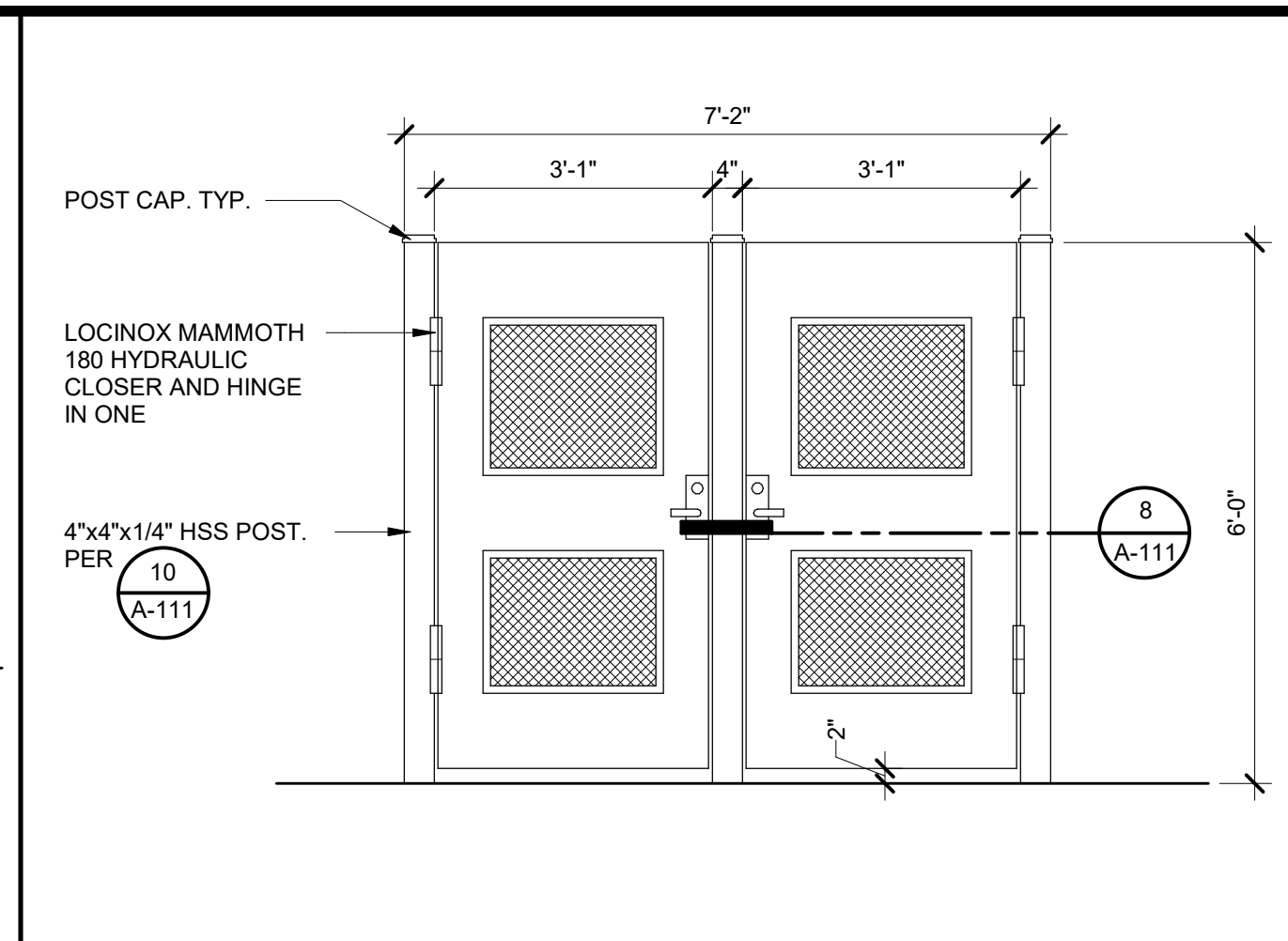
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DATE: APRIL 5, 2022

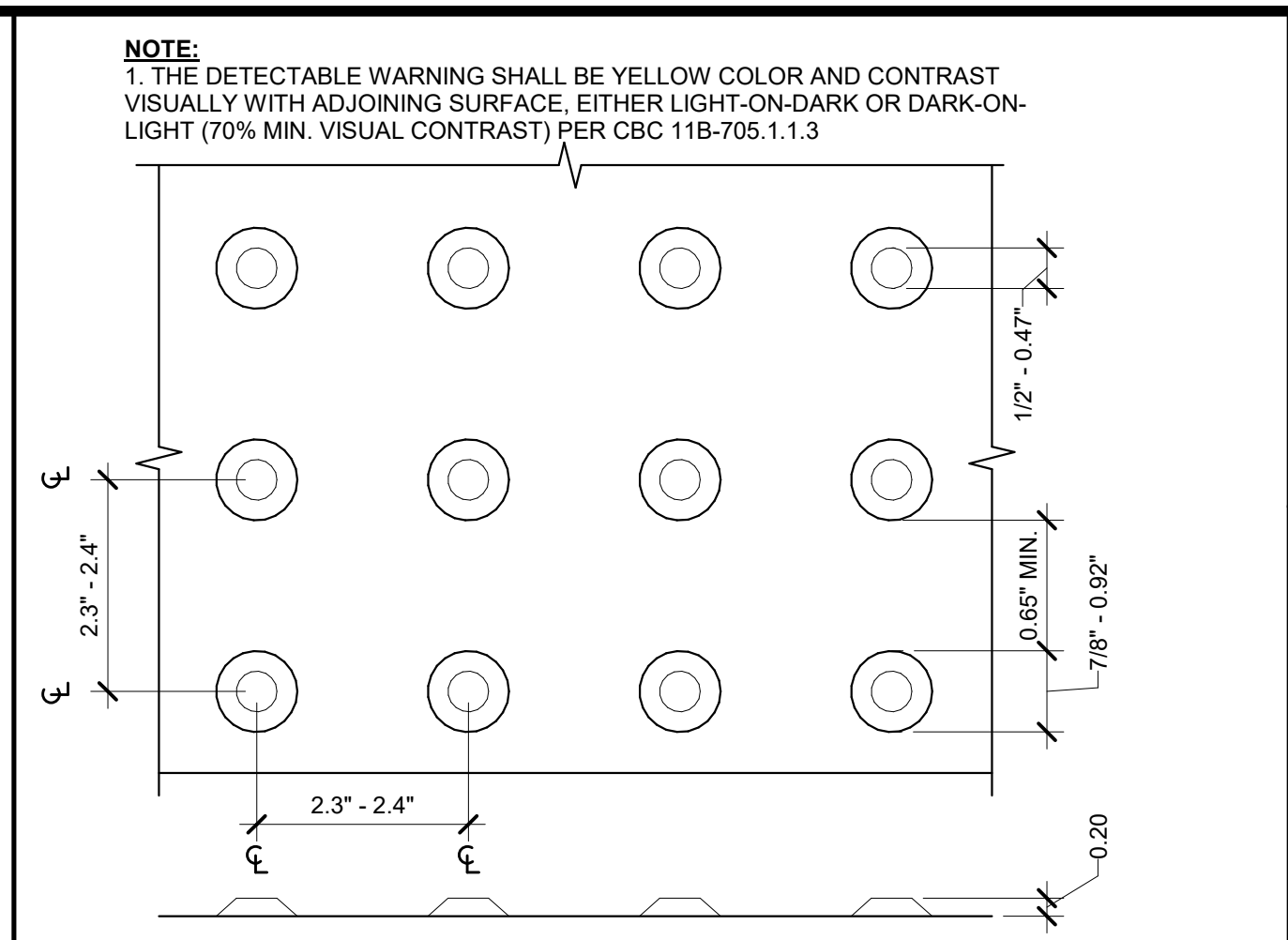
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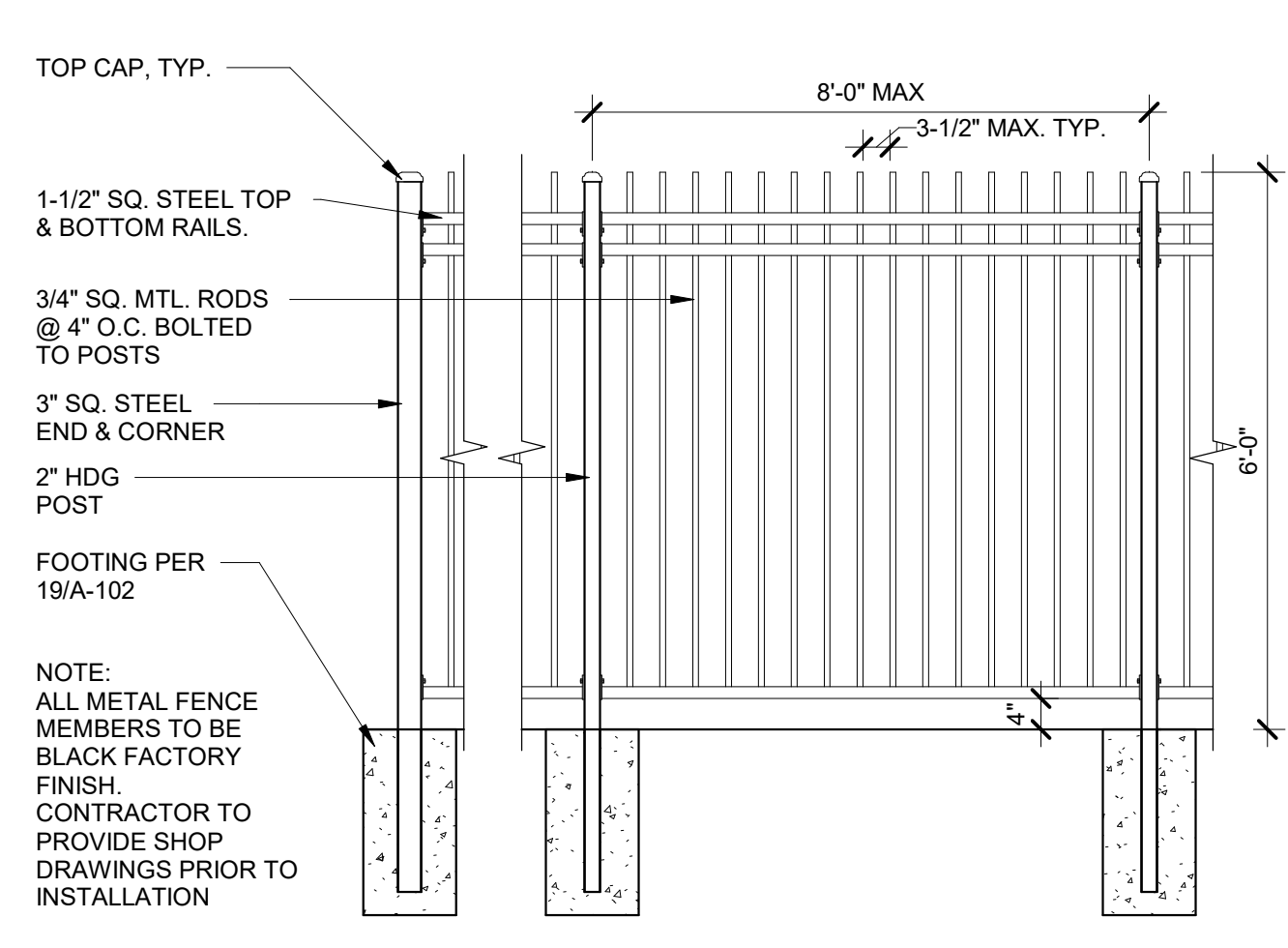
24' CHAIN LINK GATE 1/2" = 1'-0" 11



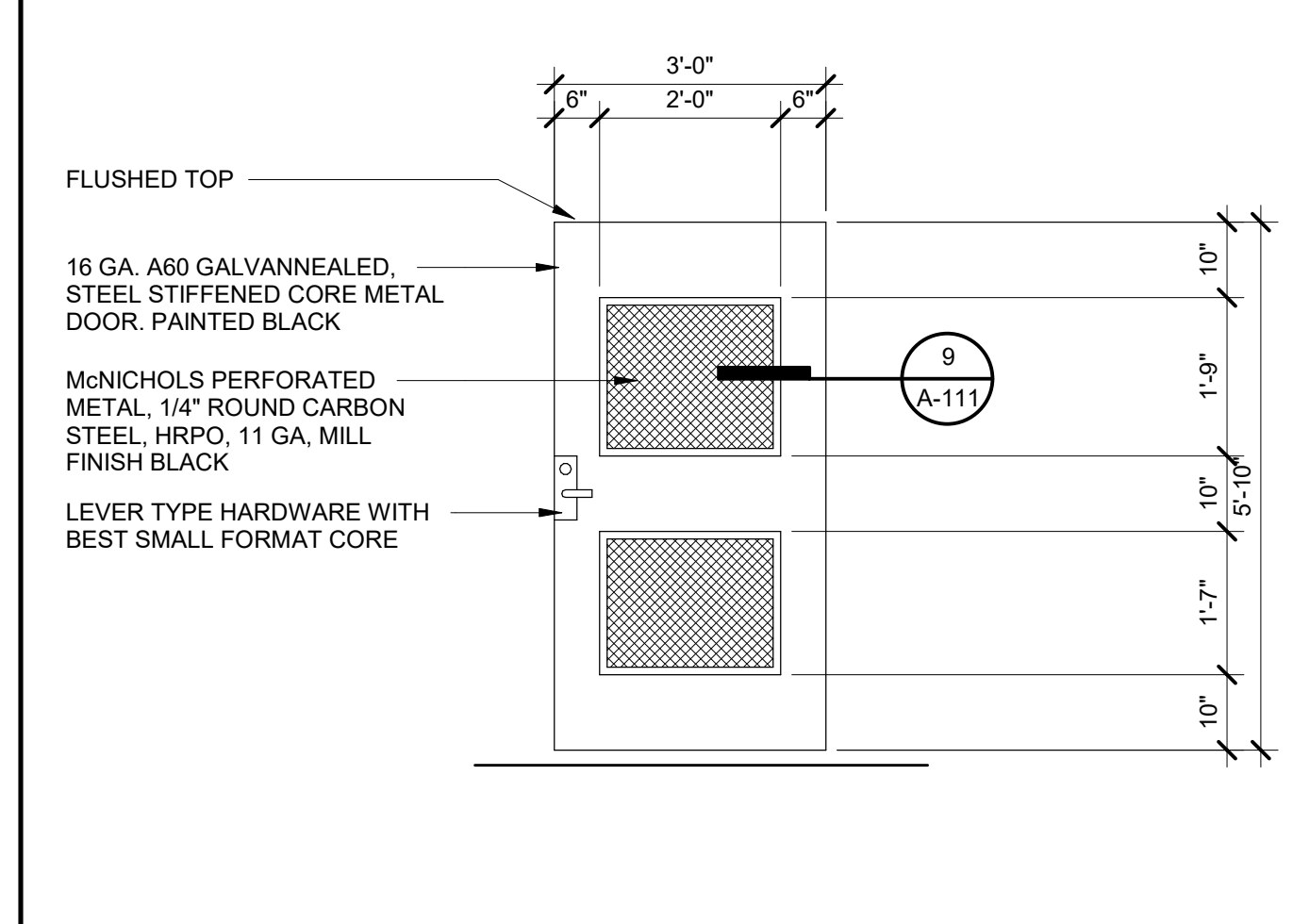
DOUBLE DECORATIVE GATE 1/2" = 1'-0" 6



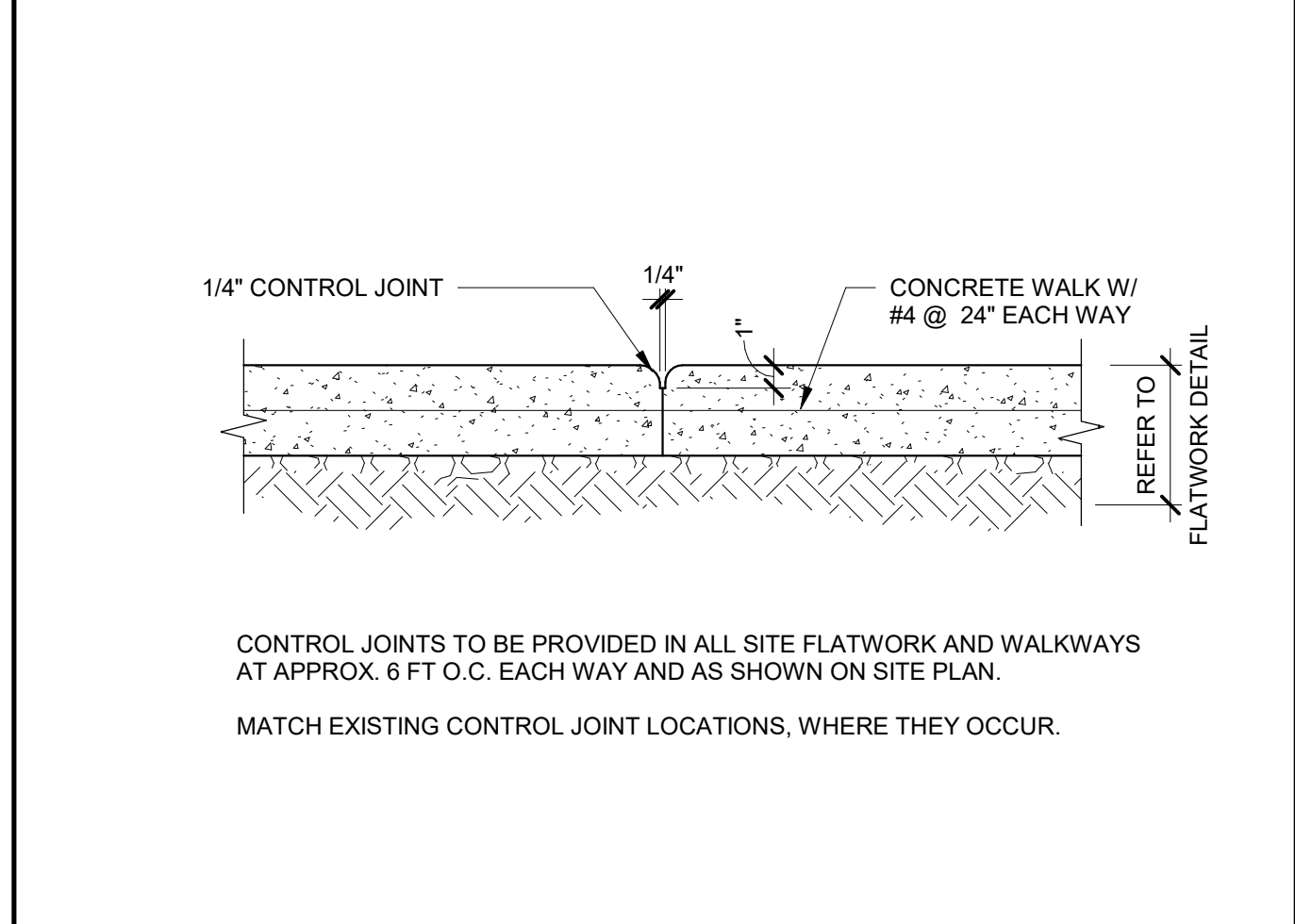
TRUNCATED DOMES 6" = 1'-0" 1



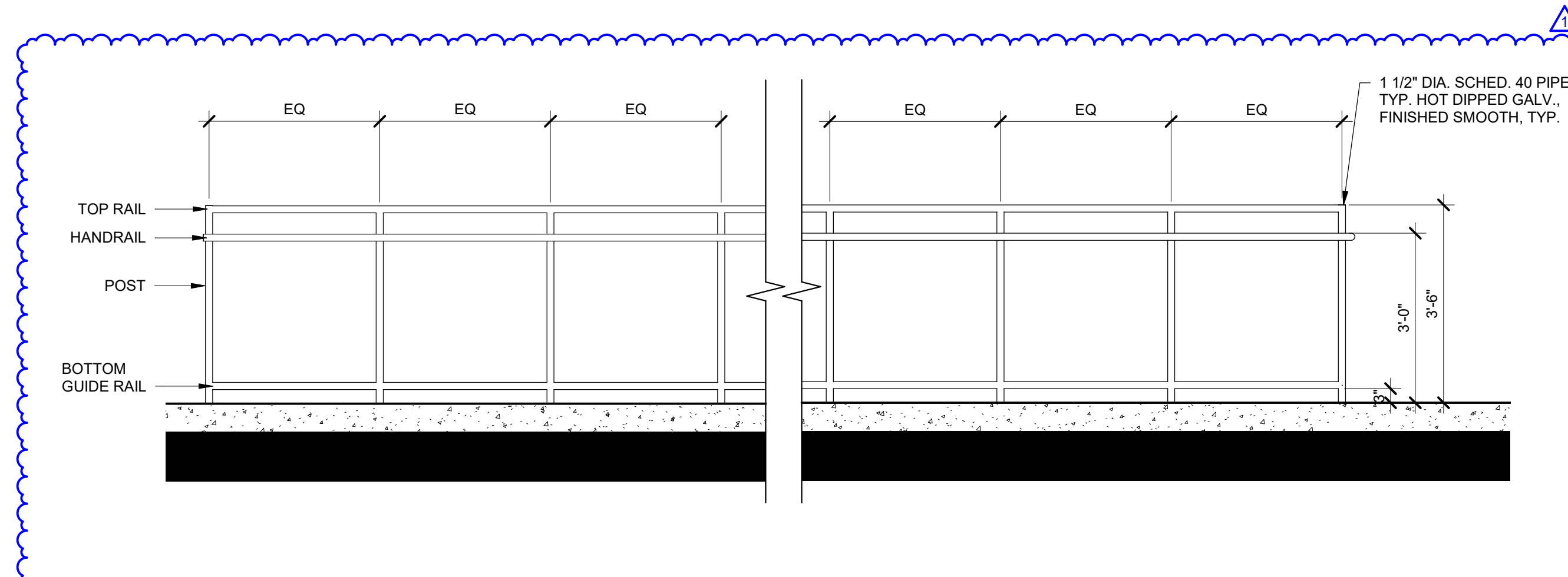
DECORATIVE FENCE 1/2" = 1'-0" 12



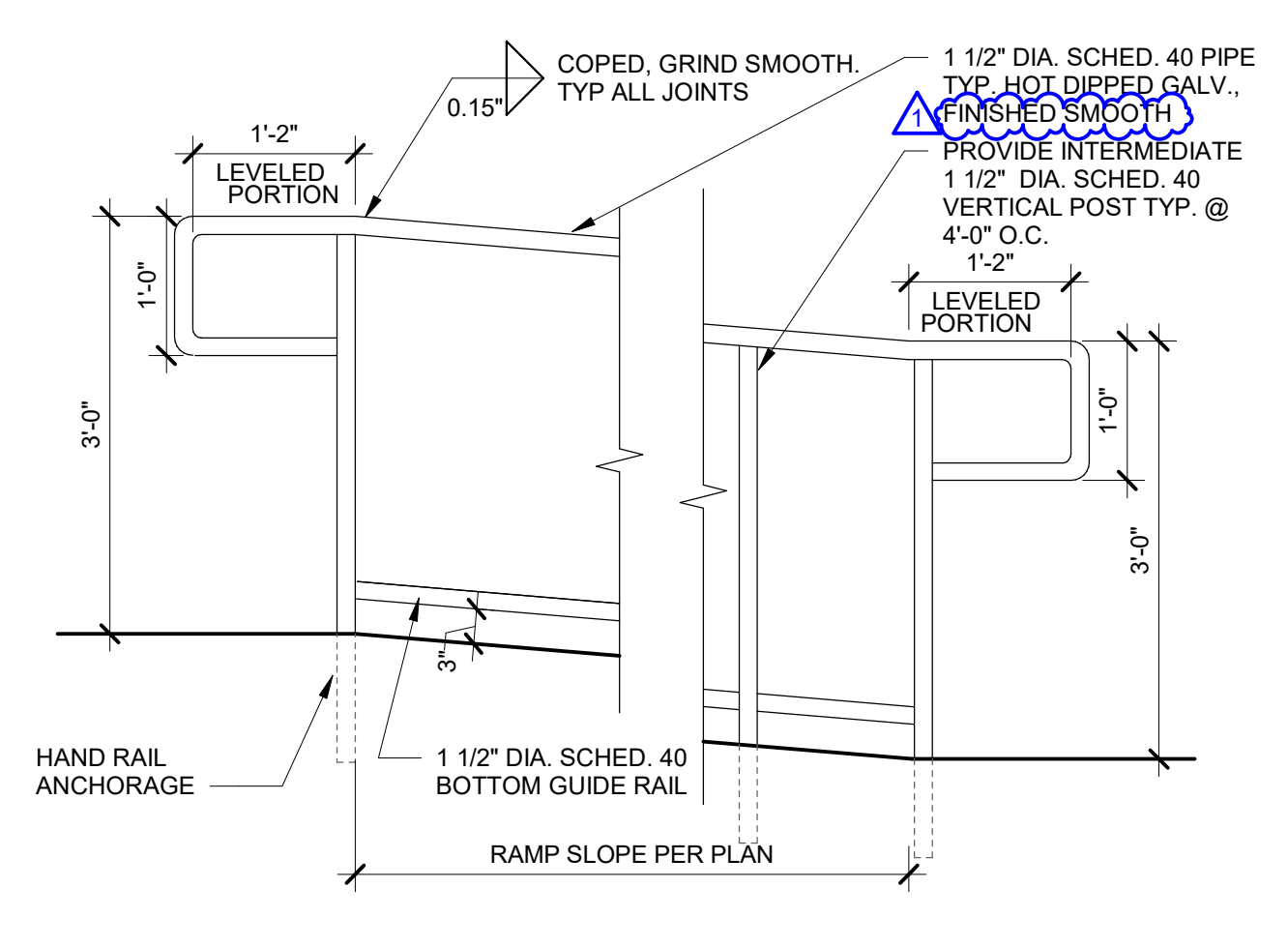
DECORATIVE GATE 1/2" = 1'-0" 7



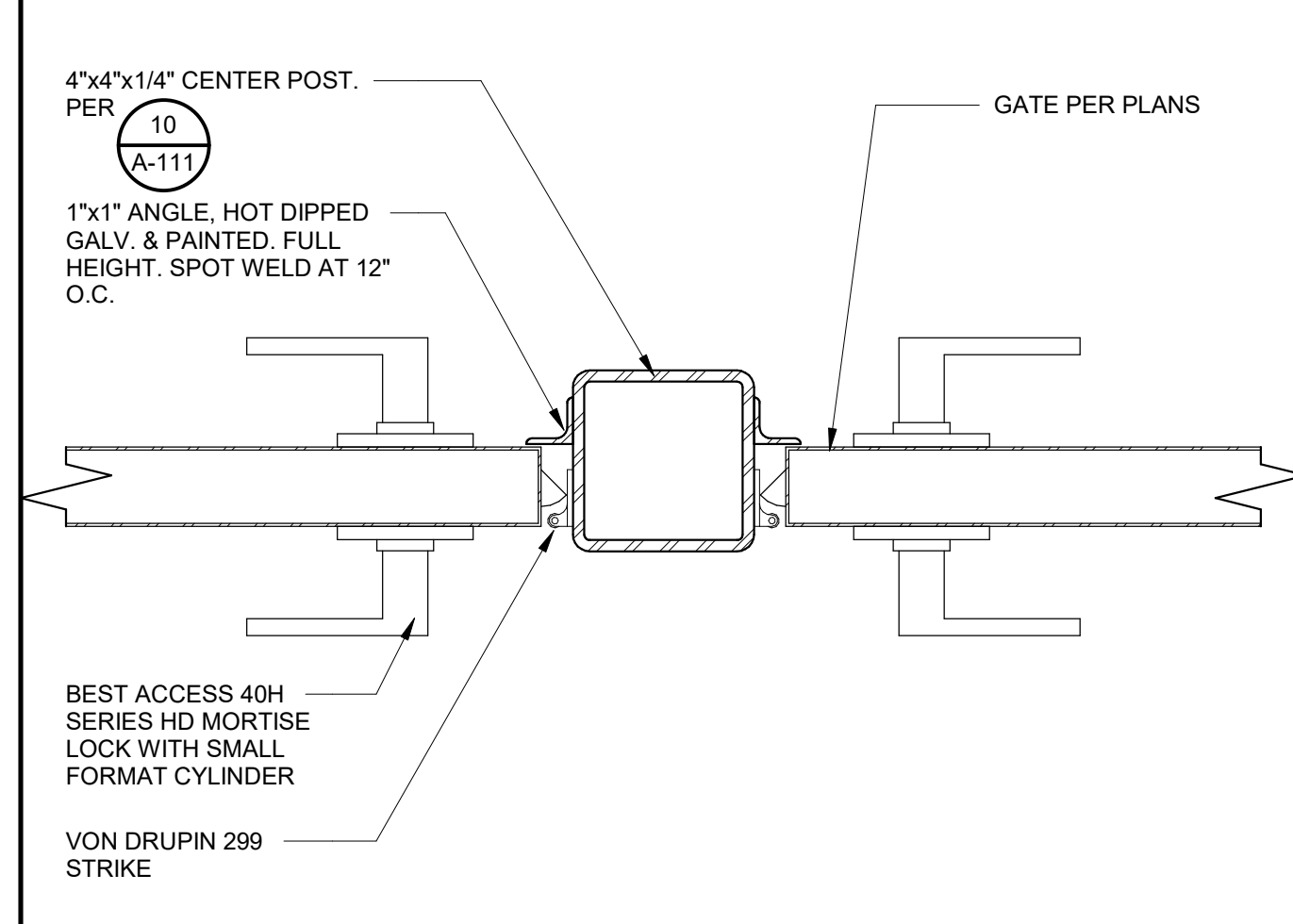
CONCRETE CONTROL JOINT 1 1/2" = 1'-0" 2



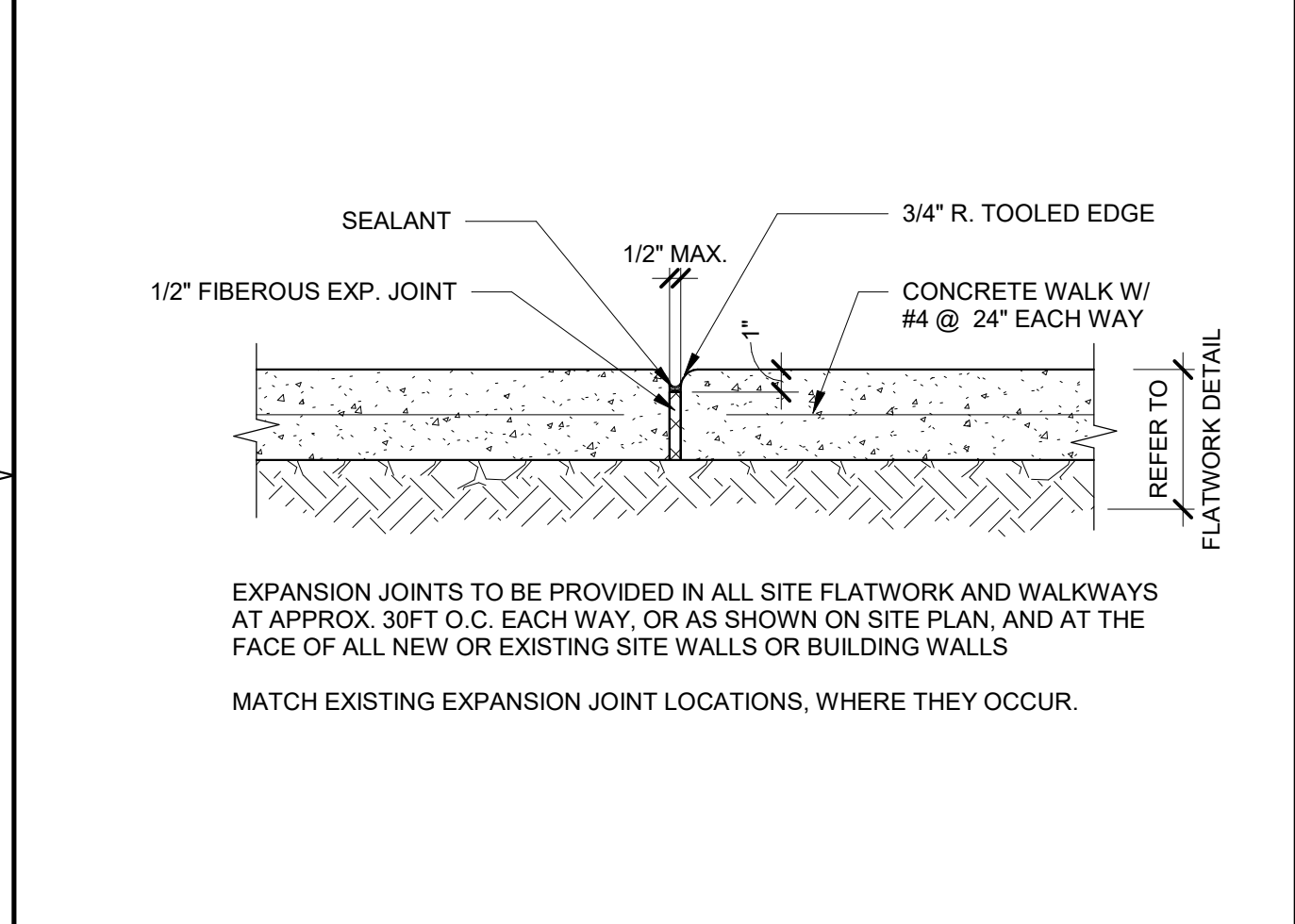
GUARDRAIL 1/2" = 1'-0" 18



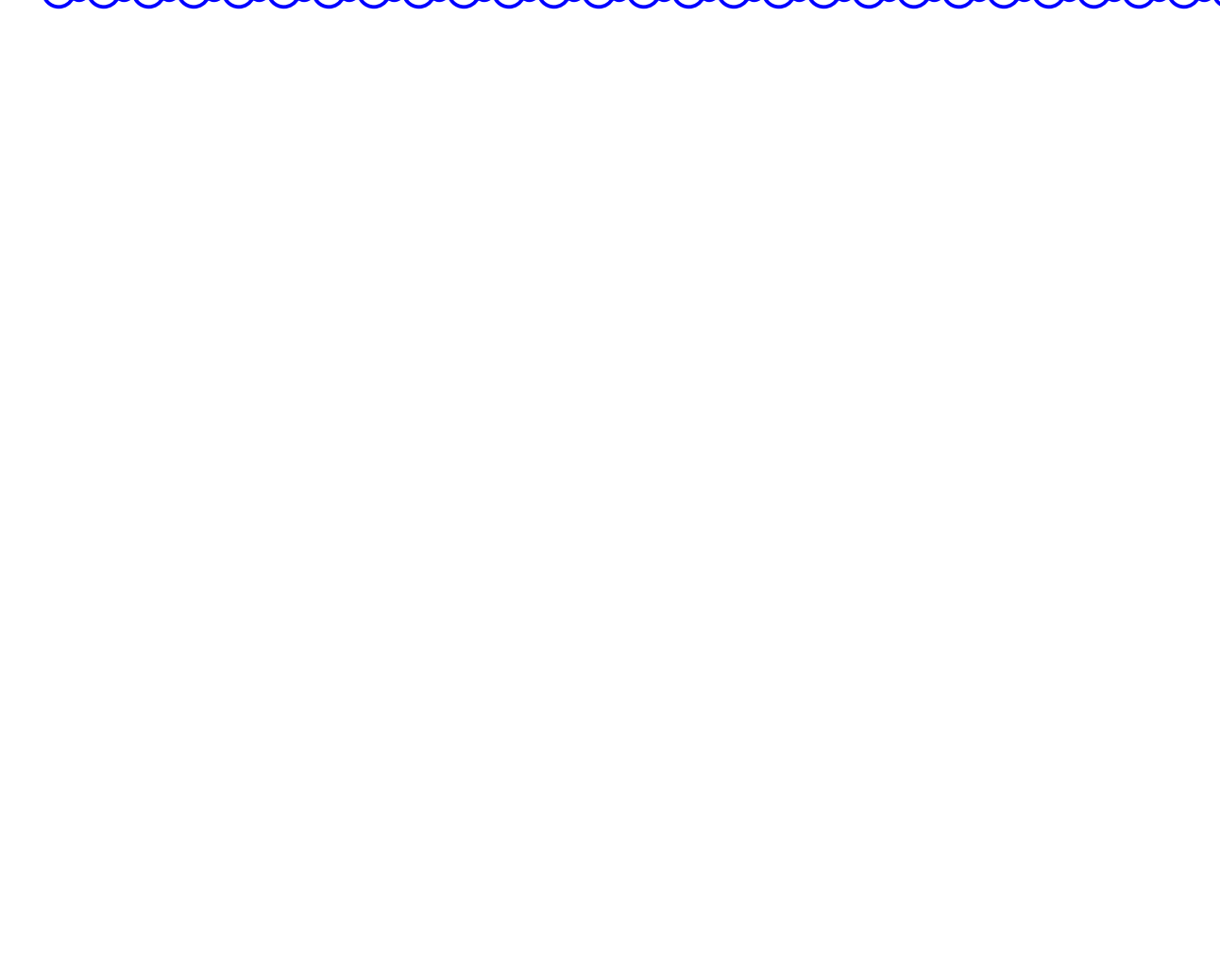
HANDRAIL AT RAMP 3/4" = 1'-0" 13



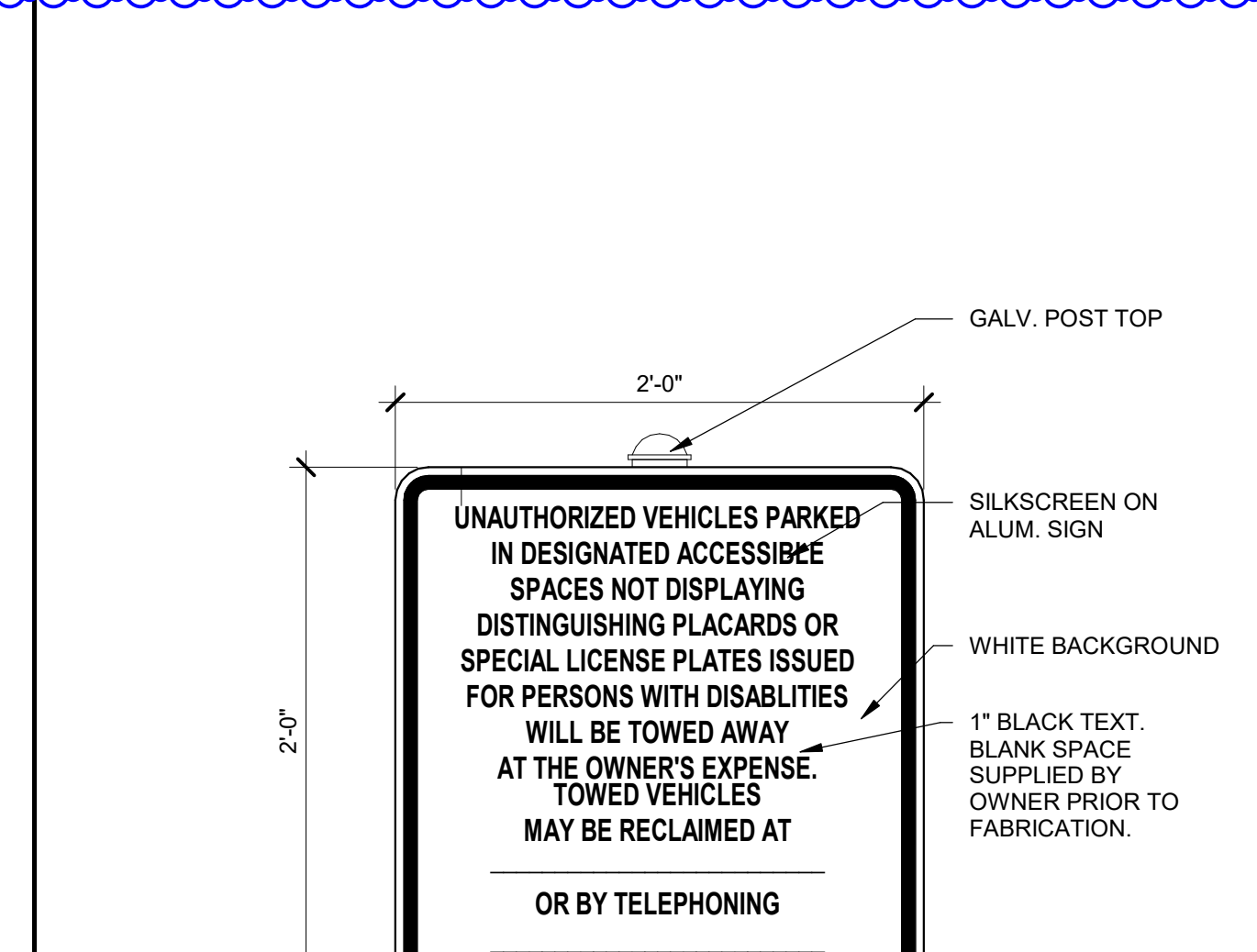
LATCH SECTION 3" = 1'-0" 8



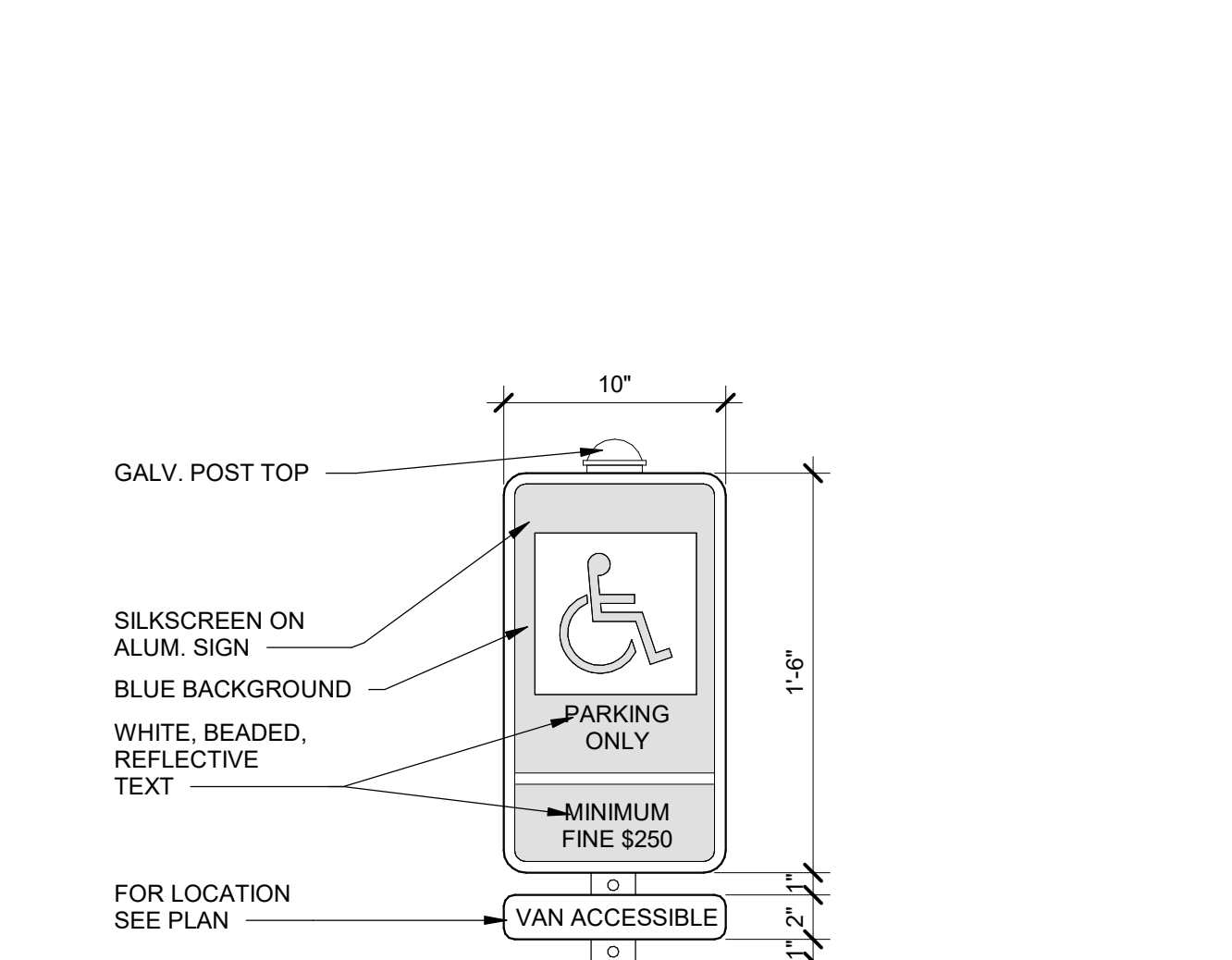
CONCRETE EXPANSION JOINT 1 1/2" = 1'-0" 3



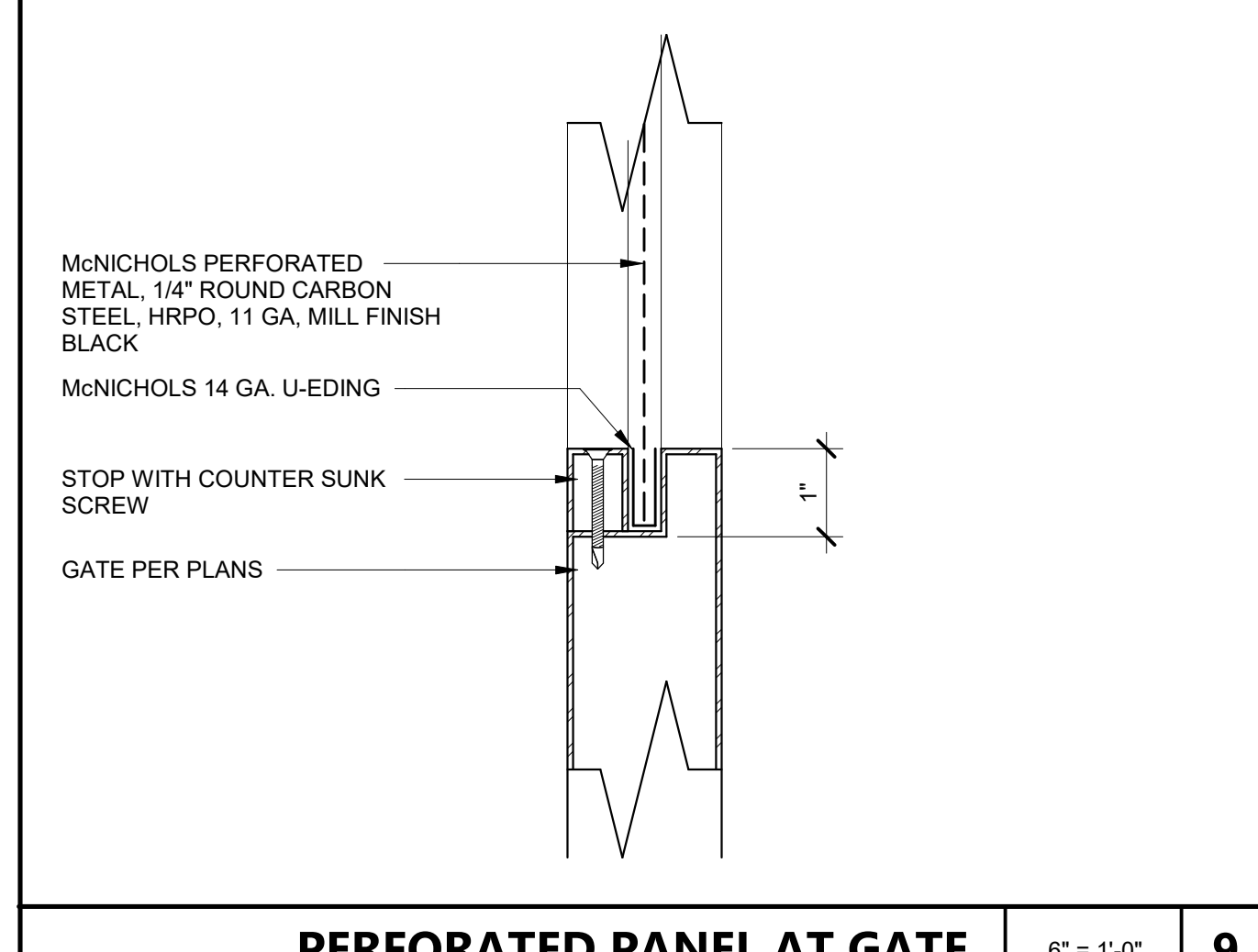
BIKE RACK ANCHORAGE 1 1/2" = 1'-0" 25



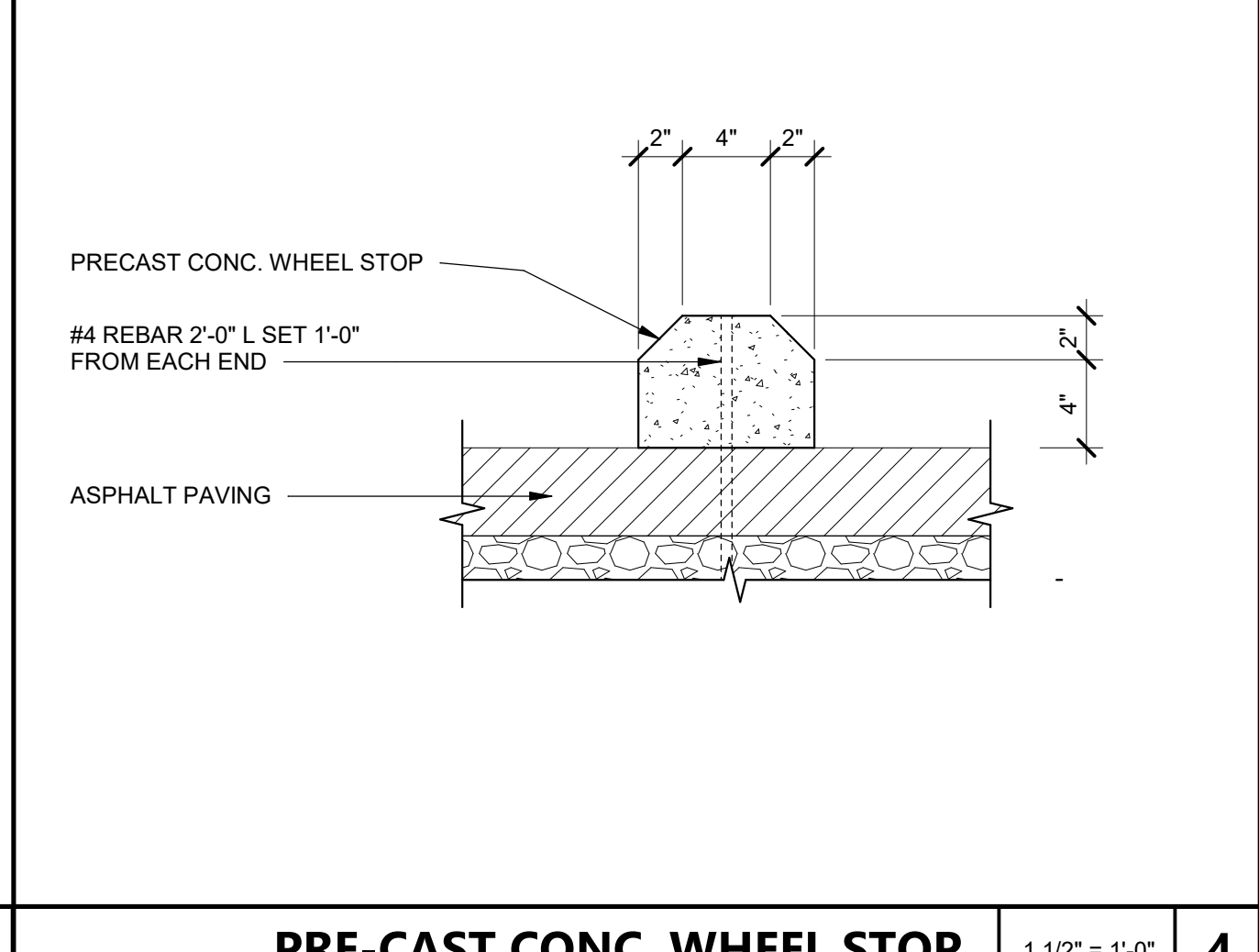
PARKING LOT SIGNAGE 1 1/2" = 1'-0" 20



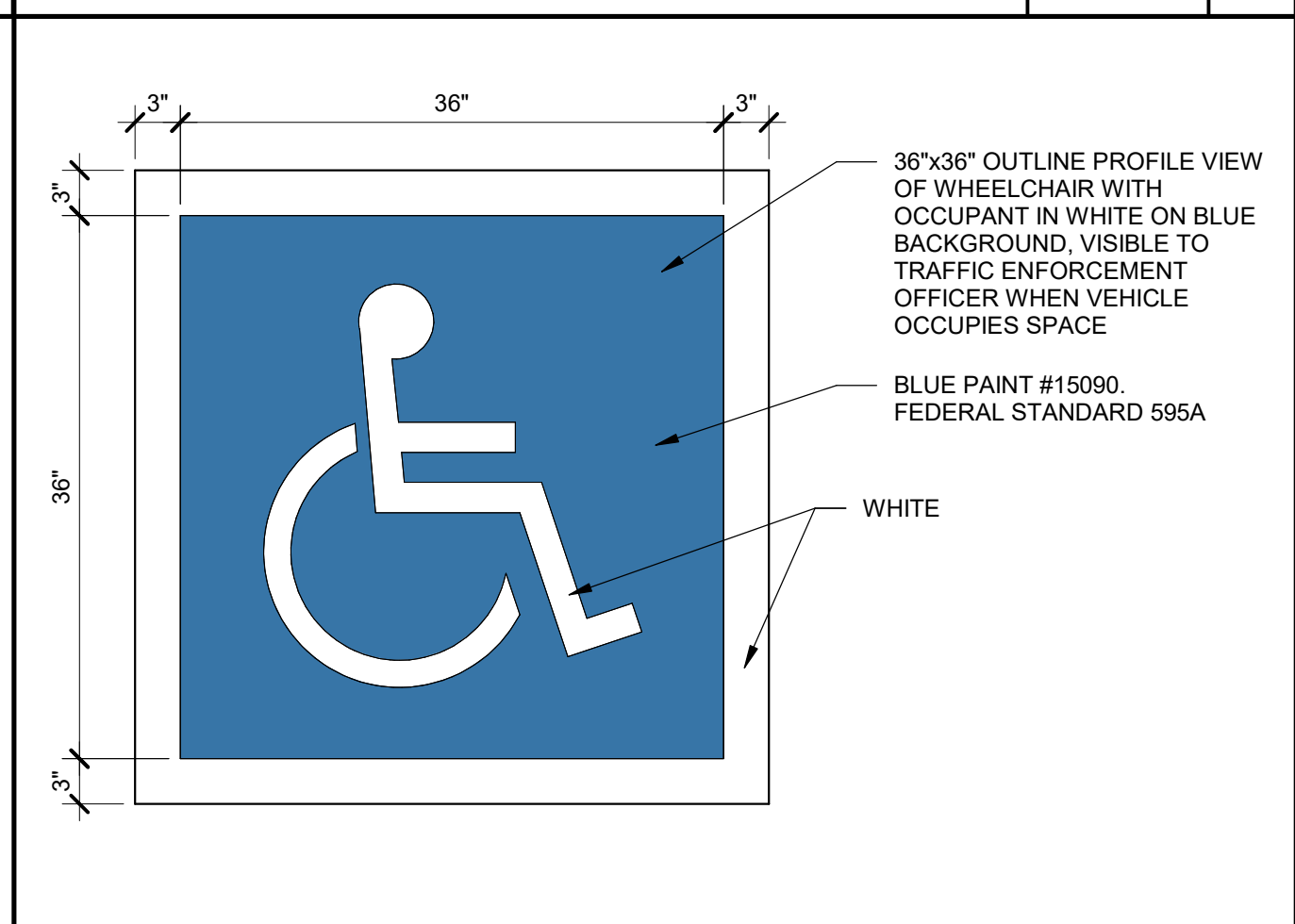
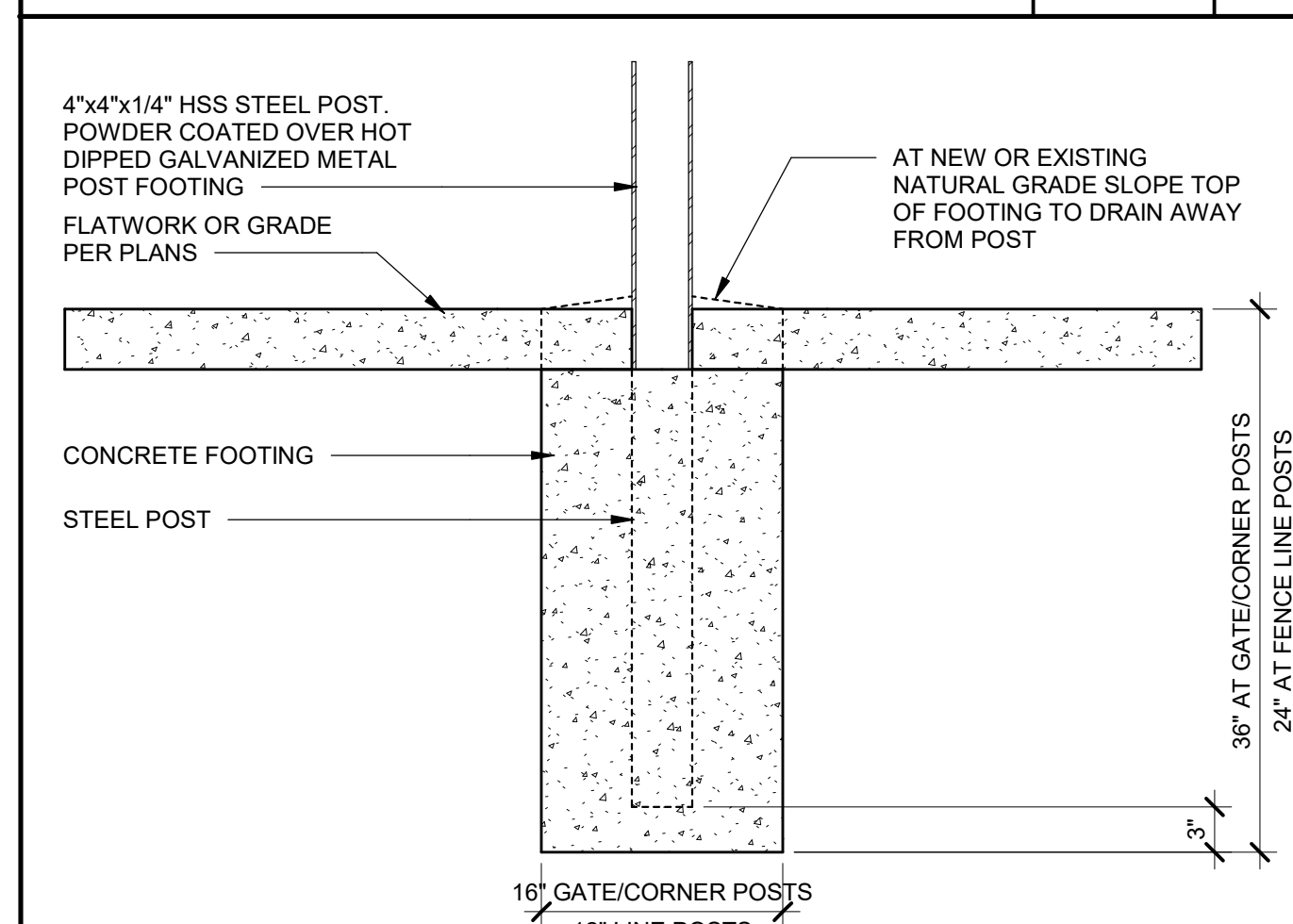
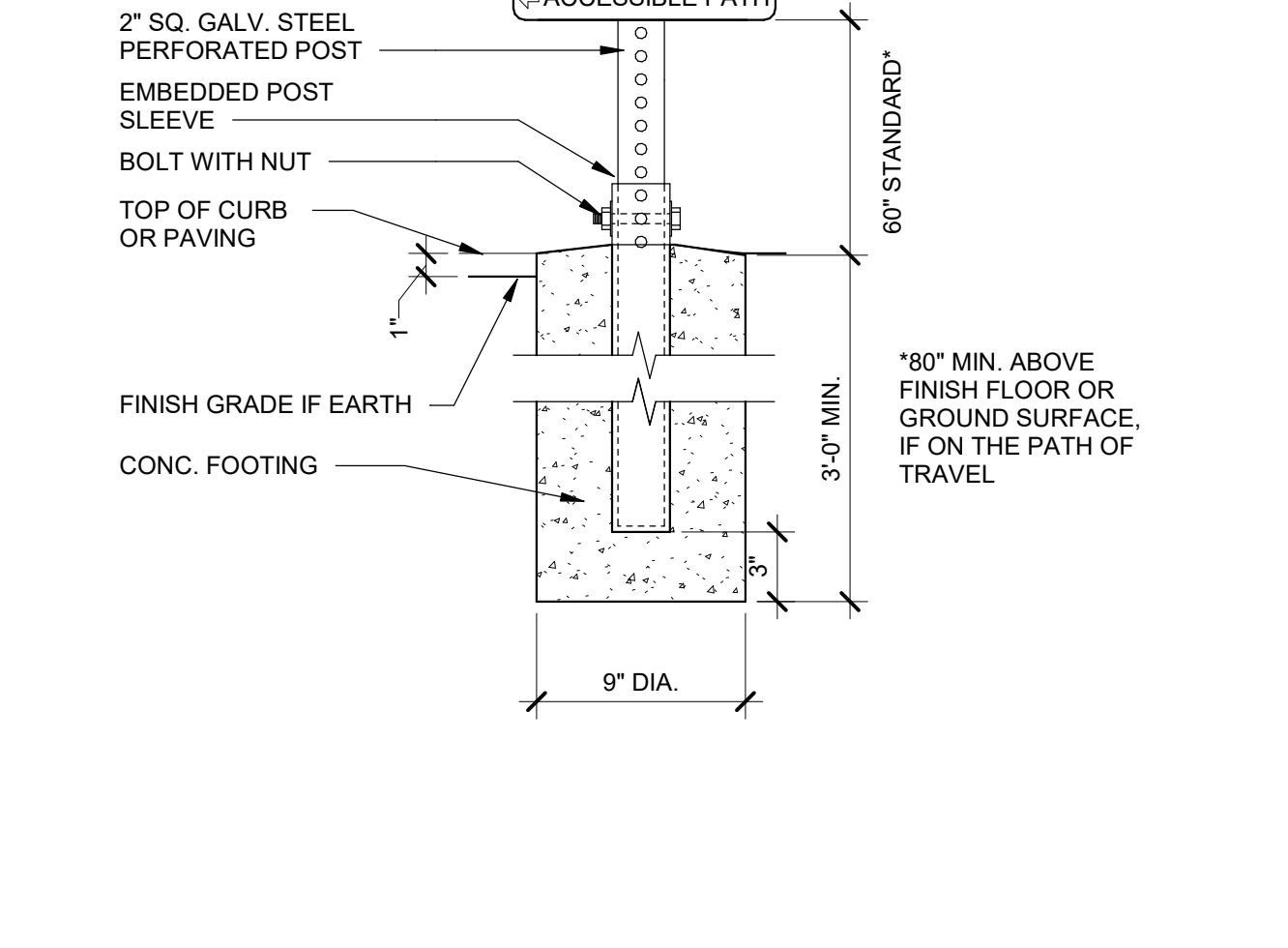
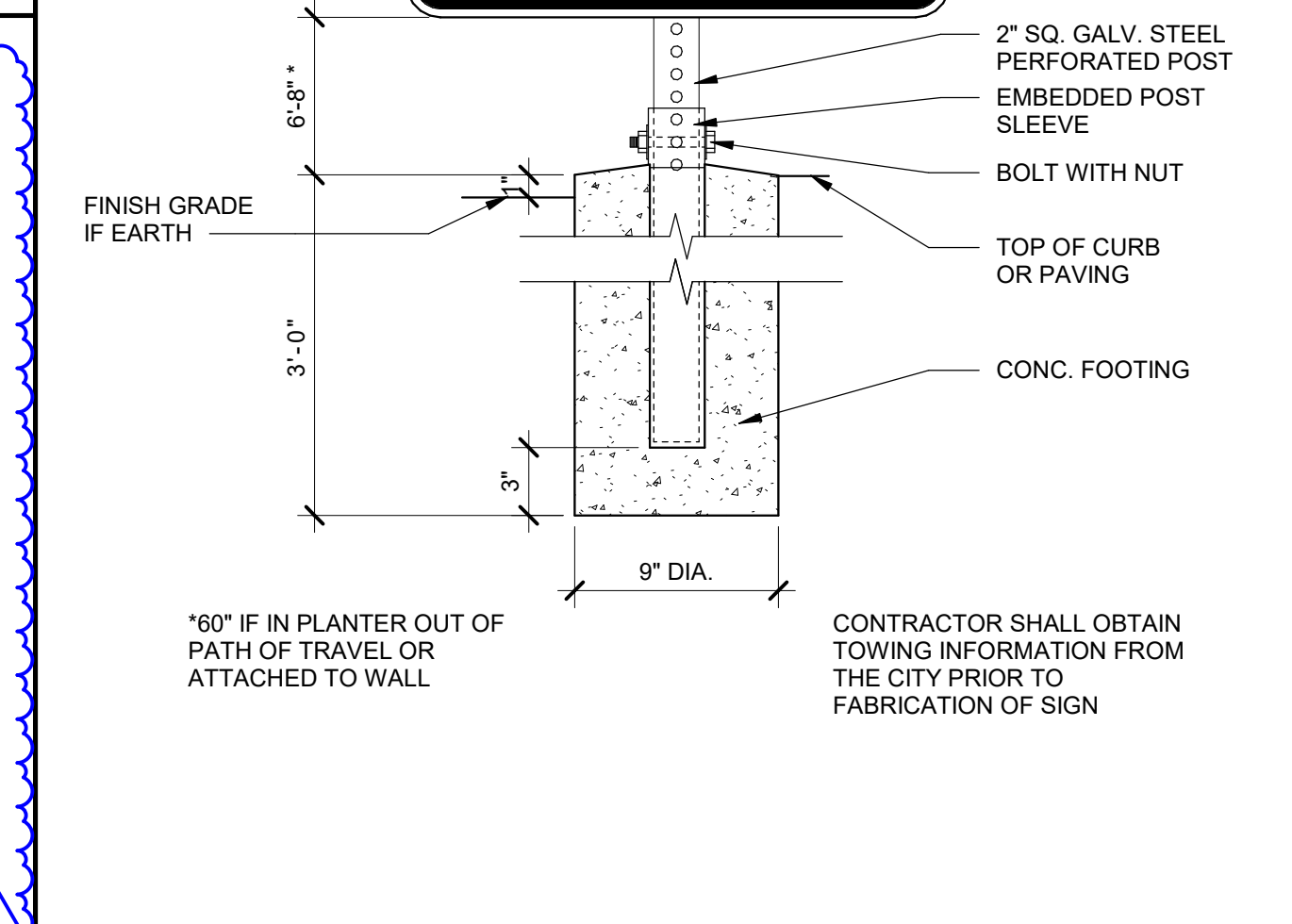
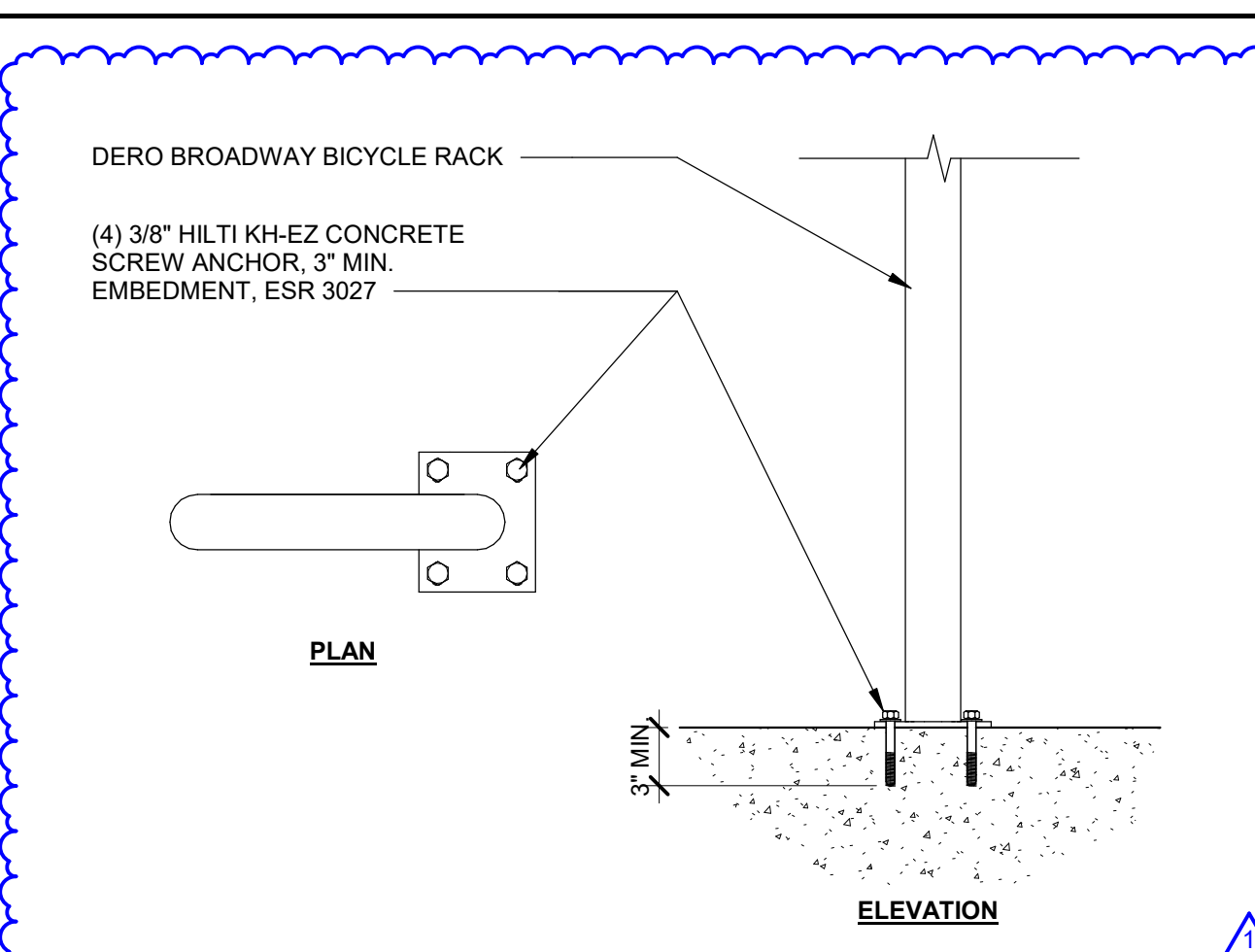
ACC. PARKING LOT SIGNAGE 1 1/2" = 1'-0" 15



DECORATIVE GATE FOOTING 1" = 1'-0" 10



PARKING ACCESIBILITY 1" = 1'-0" 5



AGENCY APPROVAL DSAE 03-121912

196 ARCHITECTS

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C-22474
ALAN E. GREEN
ARCHITECT
SINCE 10-31-25
STATE OF CALIFORNIA

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SHEET TITLE

SITE DETAILS

DRAWN BY: XX JOB NUMBER: 20179.01

SHEET NO.

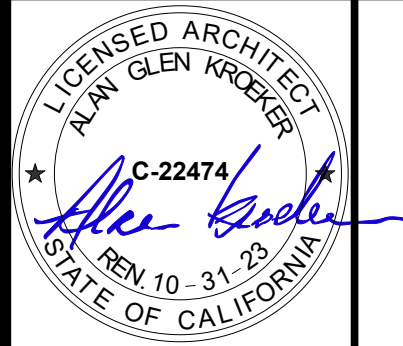
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DATE: APRIL 5, 2022



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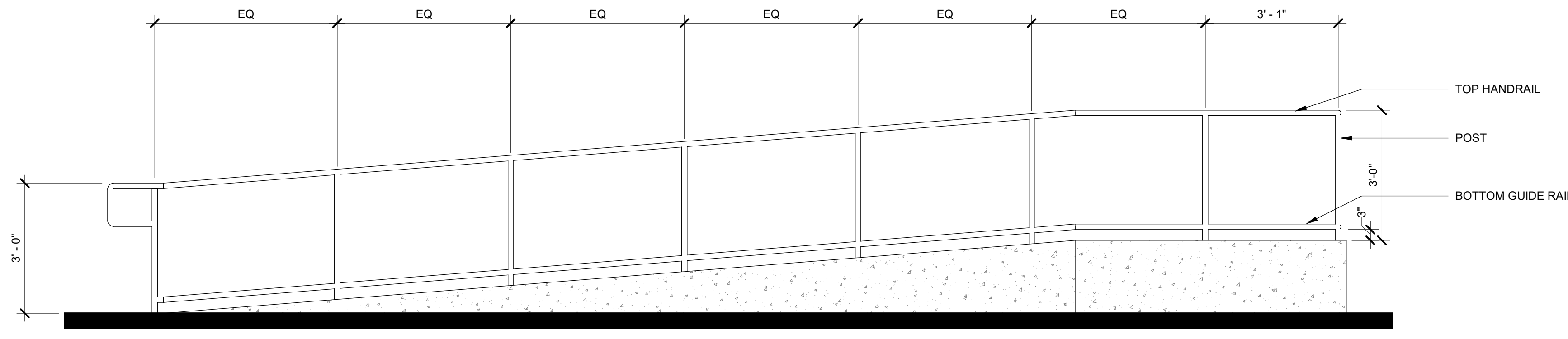
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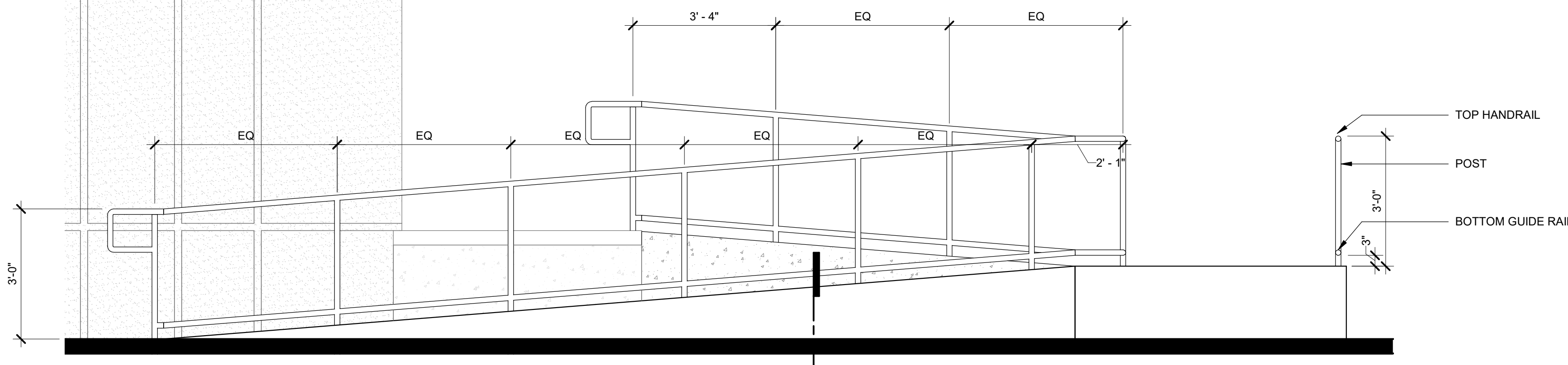
SHEET TITLE
SITE DETAILS AT EXTERIOR STAGE

DRAWN BY: Author JOB NUMBER: 20179.01

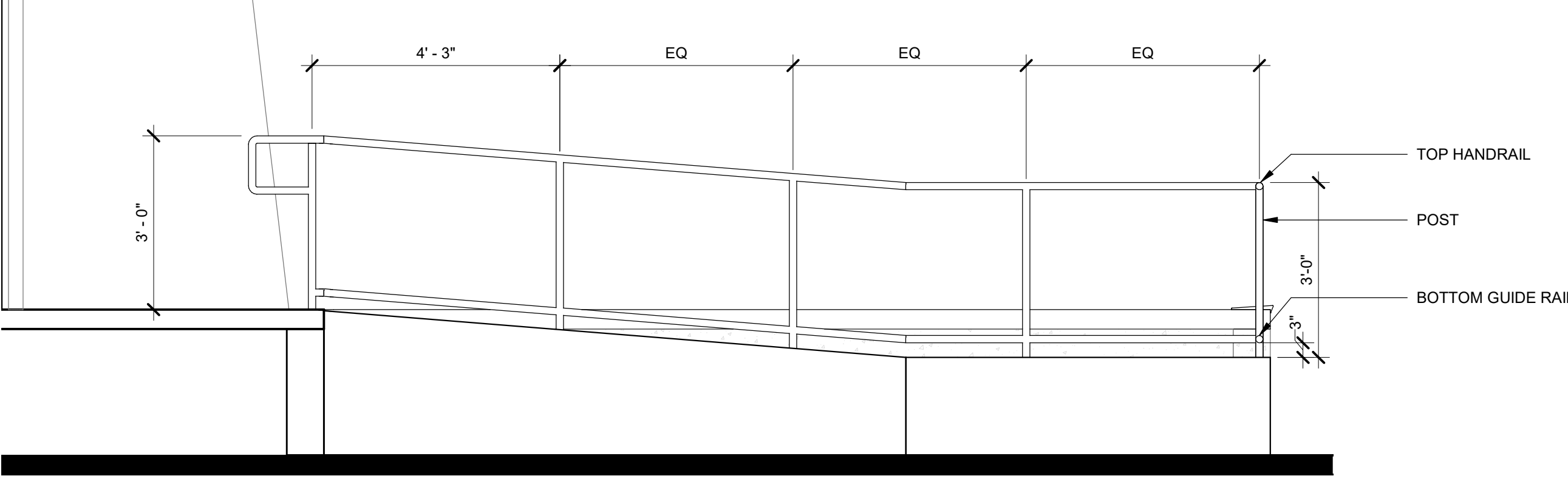
SHEET NO.
A-112
DATE: APRIL 5, 2022



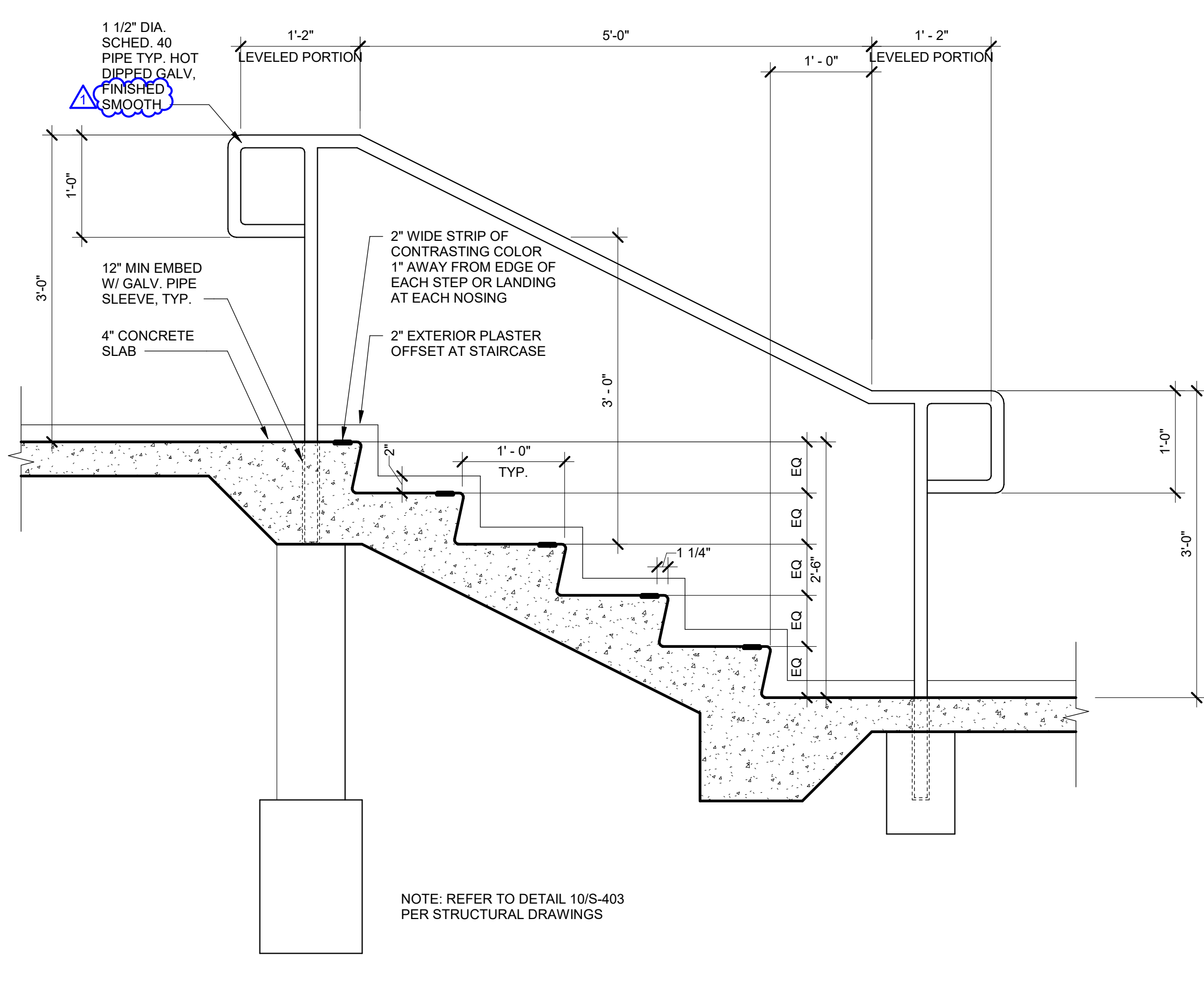
RAMP ELEVATION AT EXTERIOR STAGE_01 1/2" = 1'-0" 11



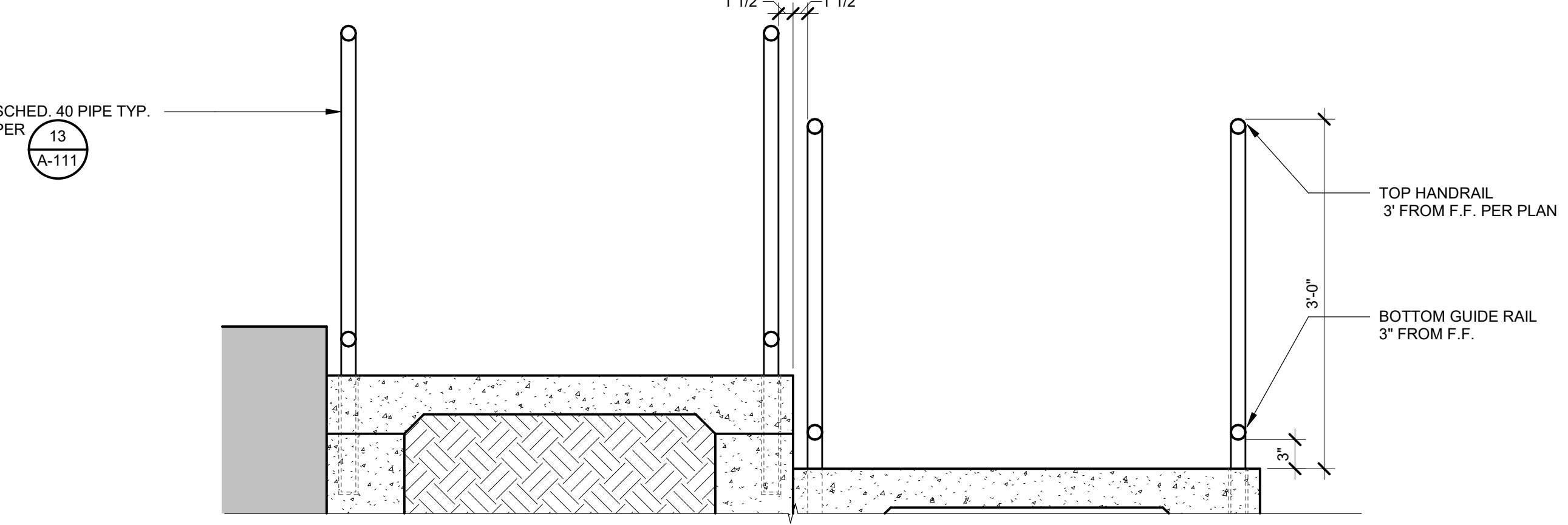
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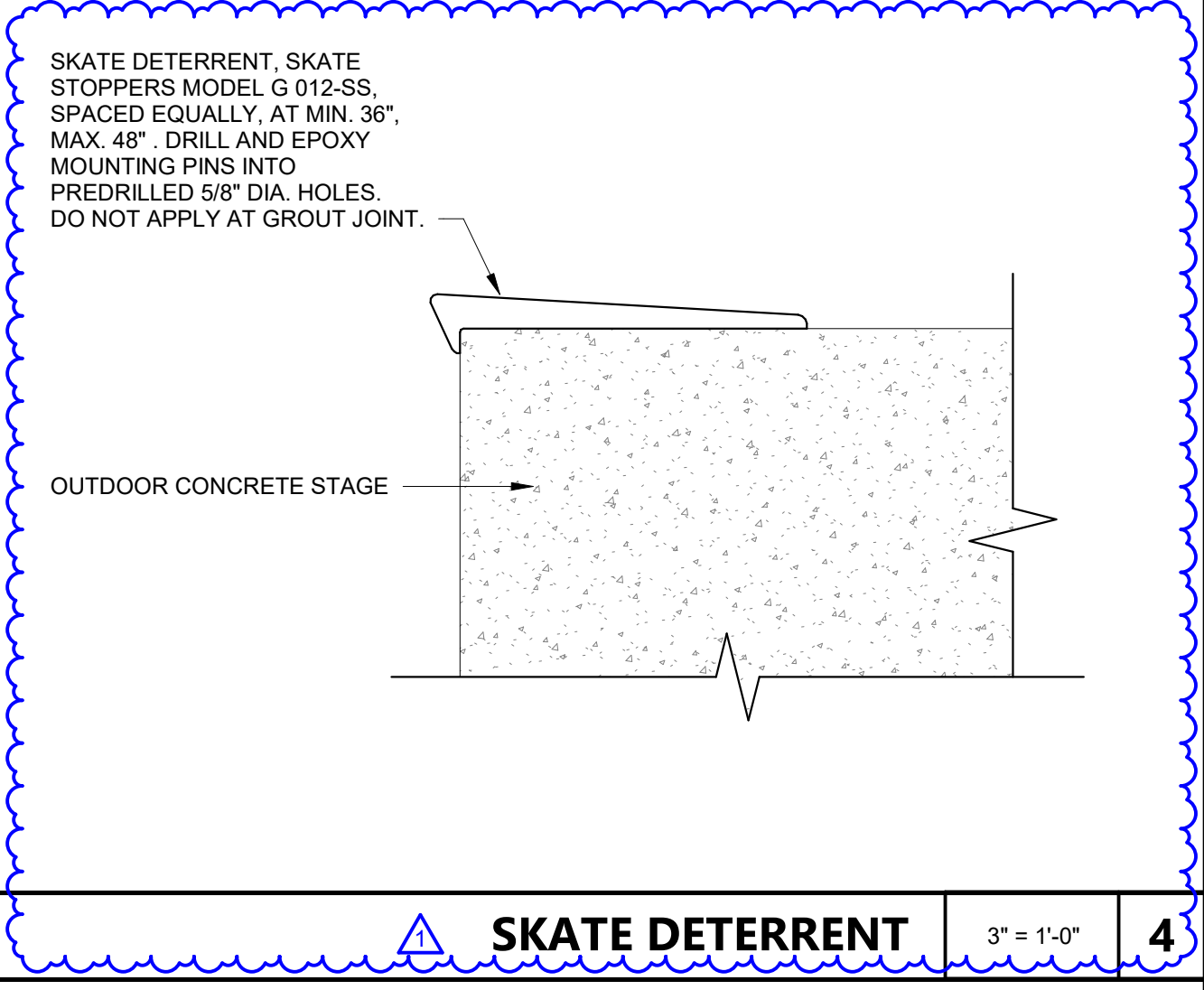
RAMP ELEVATION AT EXTERIOR STAGE_03 1/2" = 1'-0" 13



SECTION AT EXTERIOR STAIRS 1" = 1'-0" 2

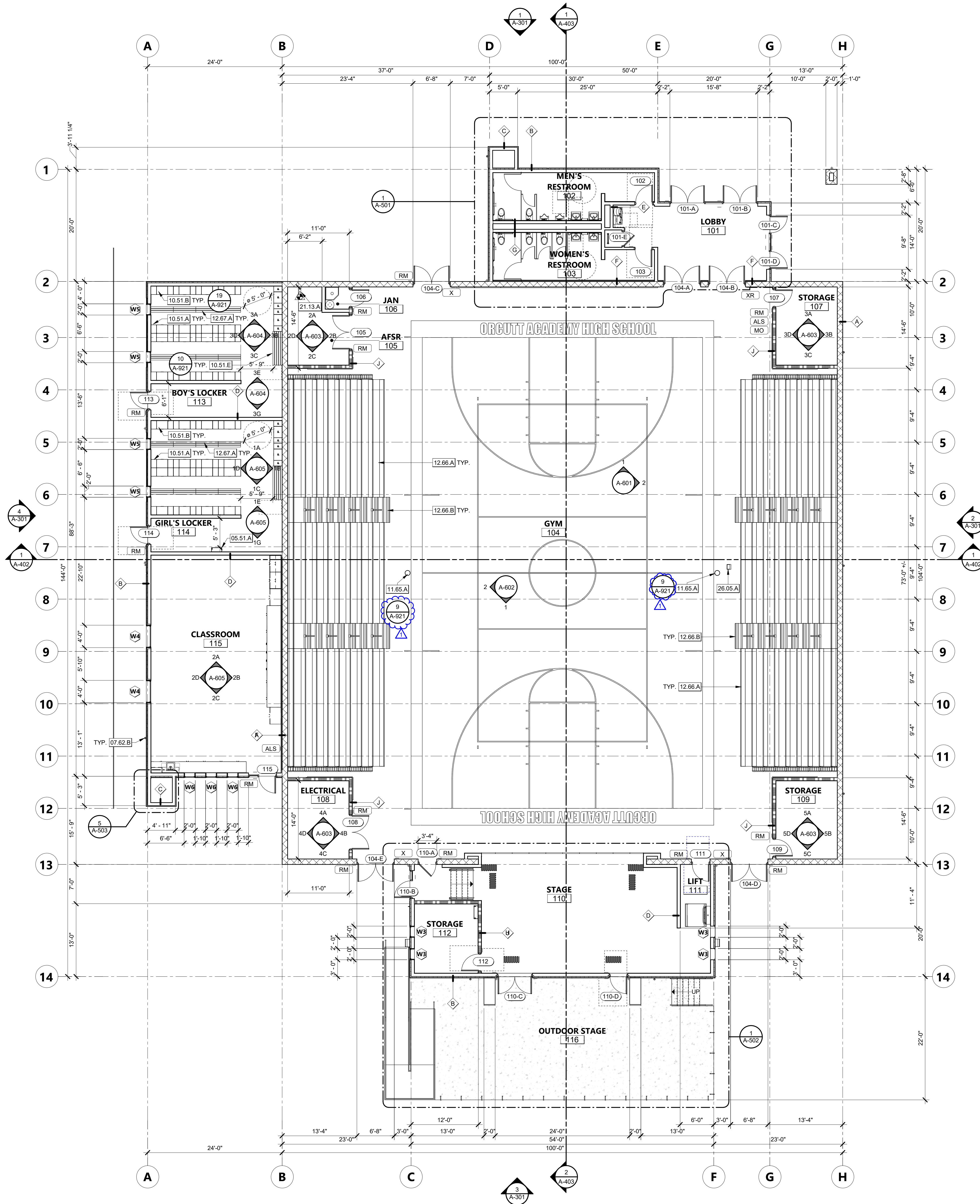


HANDRAIL AT RAMP SECTION 1" = 1'-0" 3



SKATE DETERRENT 3" = 1'-0" 4

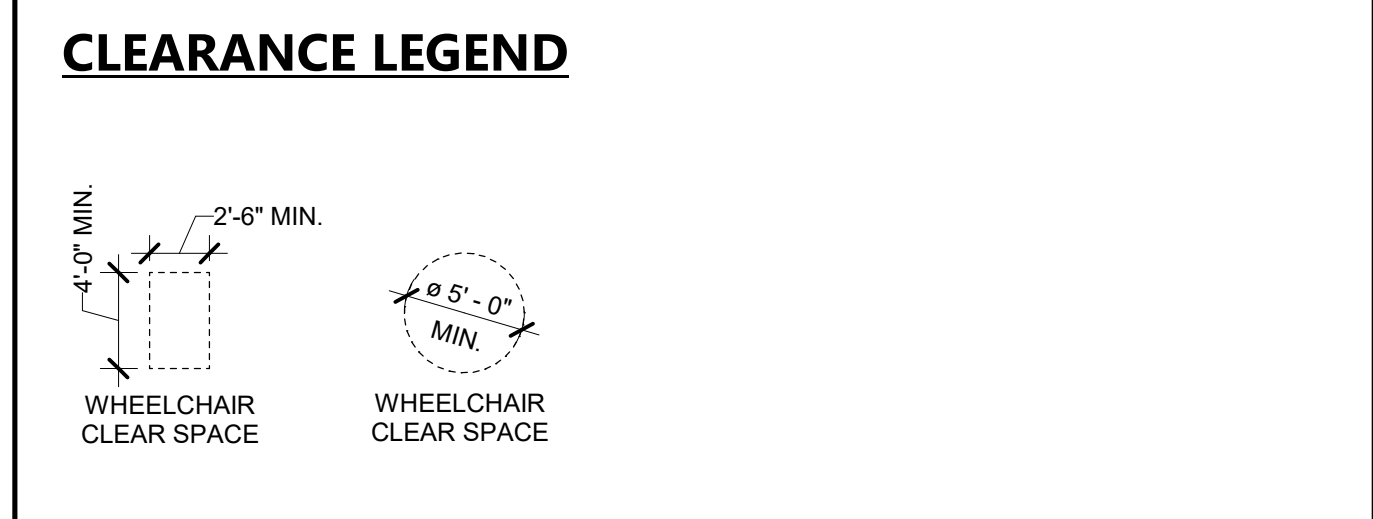
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DATE PLOTTED: 4/14/2022 3:20:05 PM



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

- ### KEYNOTES
- 05.51.A ALUMINUM ACCESS LADDER WITH COVER
 - 07.62.B 3" DIA. SCHEDULE 40 DOWNSPOUT, PAINTED. CONNECT TO STORM DRAIN SYSTEM.
 - 10.51.A 12" WIDE X 72" TALL X 18" DEEP - 4-TIER LOCKERS
 - 10.51.B 24" WIDE X 72" TALL X 18" DEEP - 2-TIER LOCKERS
 - 10.51.E BENCH TO COMPLY WITH C.B.C. 11B-903
 - 11.65.A VOLLEYBALL POST FLOOR SLEEVE
 - 12.66.A TELESCOPING BLEACHERS. SEE BLEACHER SEATING VENDOR DRAWINGS.
 - 12.66.B TELESCOPING BLEACHERS AISLE. SEE BLEACHER SEATING VENDOR DRAWINGS.
 - 12.67.A BENCH
 - 21.13.A AUTOMATIC FIRE SPRINKLER RISER. SEE FIRE SUPPRESSION DRAWINGS.
 - 26.05.A FLOOR BOX FOR POWER, DATA AND COMMUNICATION

- ### FLOOR PLAN LEGEND
- ROOM NAME ROOM NAME
101 ROOM NUMBER
- WALL TYPE TAG PER A-901
 - 101AA DOOR TYPE TAG
 - WINDOW TYPE TAG
 - EQUIPMENT SCHEDULE
 - EQUIPMENT MARK
 - 1200 SIGNAGE TAG - SEE A-831 FOR SIGN DETAILS



- ### FLOOR PLAN GENERAL NOTES
1. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF PLYWOOD, STUD, AND CMU OR CENTERLINE OF COLUMN.
 2. ALL EXPOSED STEEL TO BE GALVANIZED AND PAINTED.
 3. ALL EXPOSED PIPES, STRUCTURE, AND CONDUIT TO BE PAINTED.
 4. NOTE: FABRICATION AND INSTALLATION OF DEFERRED SUBMITTAL ITEMS SHALL NOT BE STARTED UNTIL CONTRACTOR'S DRAWINGS, SPECIFICATIONS AND ENGINEERING CALCULATIONS FOR THE ACTUAL SYSTEMS TO BE INSTALLED LIST OF DEFERRED SUBMITTALS ON G-011LED HAVE BEEN ACCEPTED AND SIGNED BY THE ARCHITECT OR STRUCTURAL ENGINEER AND APPROVED BY THE DSA. SEE LIST OF DEFERRED APPROVALS ON G-001

- ### LOCKER CALCULATIONS
- CALCULATIONS PER C.B.C. 11B-225.2.1 LOCKERS
NUMBER OF LOCKERS PROVIDED: 356
PERCENT OF LOCKERS THAT MUST BE ACCESSIBLE: 5%
NUMBER OF ACCESSIBLE LOCKERS REQUIRED: 356 * 0.05 = 17.8
NUMBER OF ACCESSIBLE LOCKERS PROVIDED: 20
- ACCESSIBLE LOCKER

- ### ASSISTIVE LISTENING SYSTEM
- A. AN ADA COMPLIANT FM BASED ASSISTIVE LISTENING SYSTEM SHALL BE PROVIDED.
 - B. LOCATION: THE ASSISTIVE LISTENING SYSTEM PROVIDED IS LIMITED TO SPECIFIC AREAS AND/OR SEATS, THESE AREAS SHALL BE WITHIN A 50-FOOT (15.24 M) VIEWING DISTANCE OF THE STAGE OR PLAYING AREA AND SHALL HAVE COMPLETE VIEW OF THE STAGE OR THE PLAYING AREA.
 - C. PORTABLE ASSISTIVE-LISTENING SYSTEM WILL BE PROVIDED.

- CALCULATIONS PER C.B.C. 11B-219.3 ASSISTIVE LISTENING SYSTEMS RECEIVERS
- GYM (RM. 104)**
NUMBER OF SEATS/OCCUPANT LOAD: 1,658
PERCENT OF SEATS TO REQUIRED MINIMUM NUMBER OF RECEIVERS: 4%
NUMBER OF REQUIRED RECEIVERS: 1,658 * 0.04 = 67
PERCENT OF RECEIVERS REQUIRED TO BE HEARING AID COMPATIBLE: 25%, BUT NO FEWER THAN 2
NUMBER OF RECEIVERS REQUIRED TO BE HEARING AID COMPATIBLE: 67 * 0.25 = 17
- CLASSROOM (RM. 115)**
NUMBER OF SEATS/OCCUPANT LOAD: 46
PERCENT OF SEATS TO REQUIRED MINIMUM NUMBER OF RECEIVERS: 4%
NUMBER OF REQUIRED RECEIVERS: 46 * 0.04 = 2
PERCENT OF RECEIVERS REQUIRED TO BE HEARING AID COMPATIBLE: 25%, BUT NO FEWER THAN 2
NUMBER OF RECEIVERS REQUIRED TO BE HEARING AID COMPATIBLE: 2



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REVISIONS

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Orcutt, CA 93455

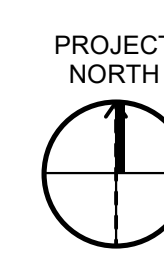
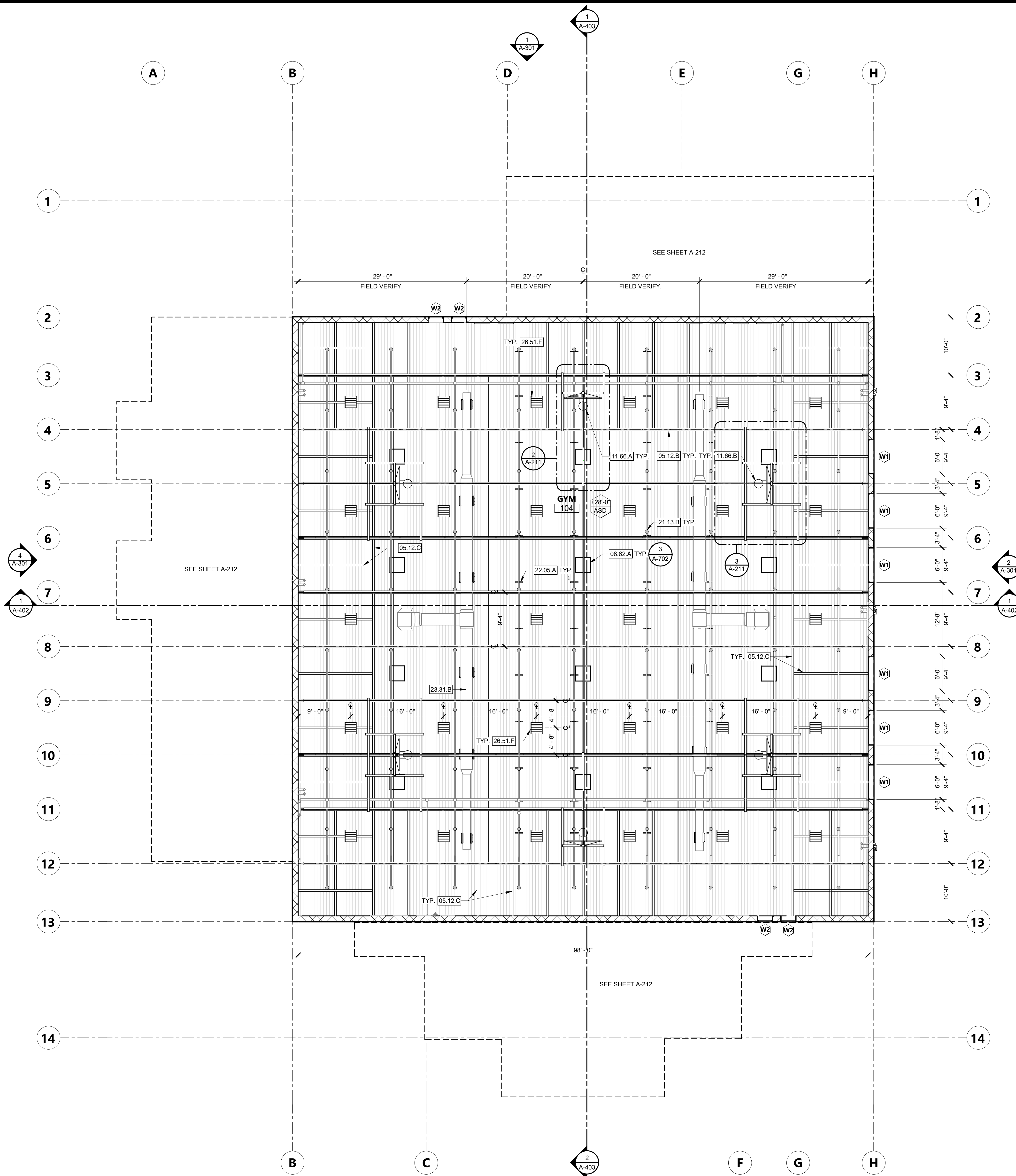
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Orcutt, CA 93455

SHEET TITLE
FLOOR PLAN

DRAWN BY: FC, HC JOB NUMBER: 20179.01
SHEET NO.

A-201
DATE: APRIL 5, 2022

FILE LOCATION: C:\Users\HCruz\Documents\20179_01_OUSD_OAHS_MUR_A20_V2_Construction\Report_hcrnz\PB9K.rvt
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KEYNOTES

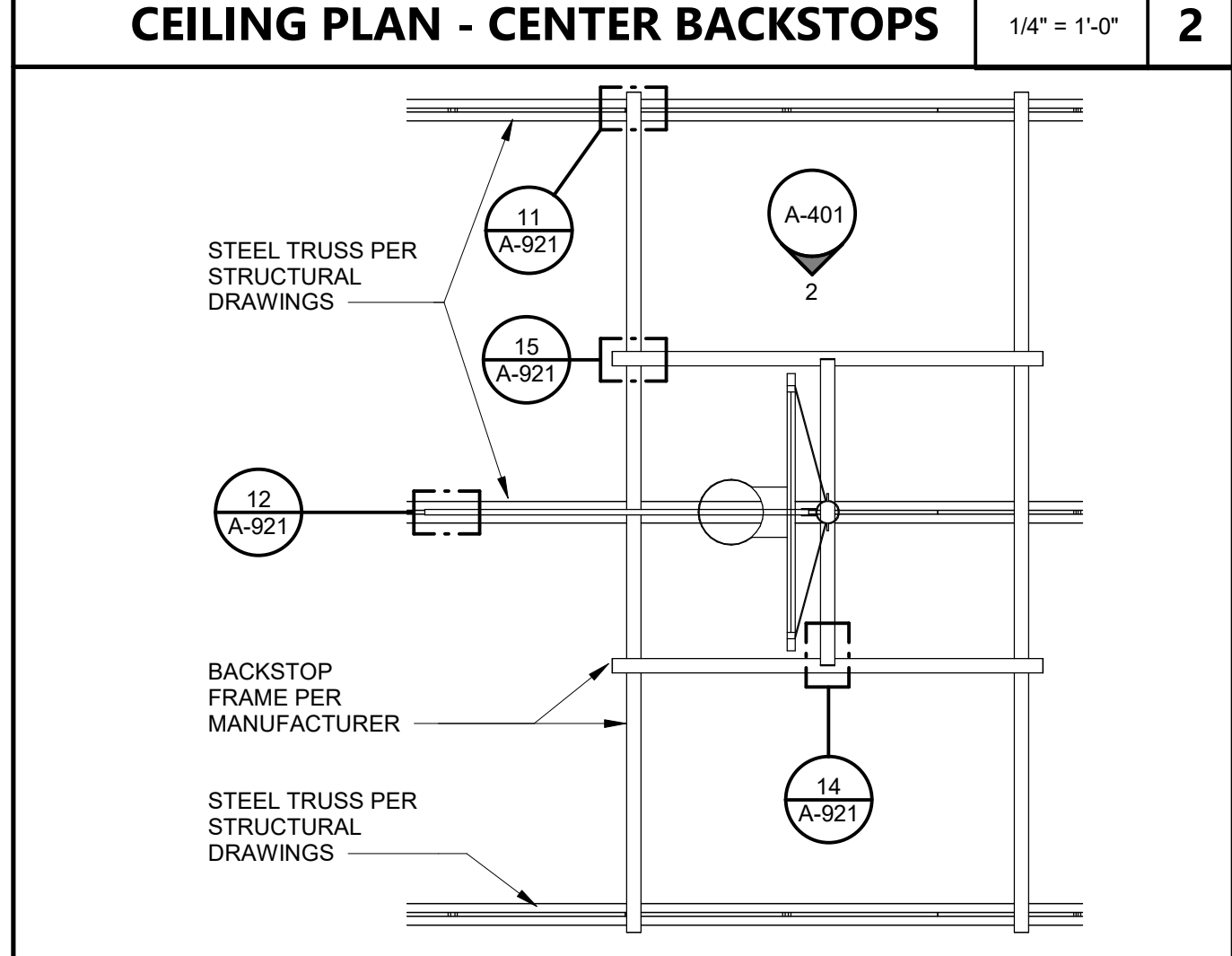
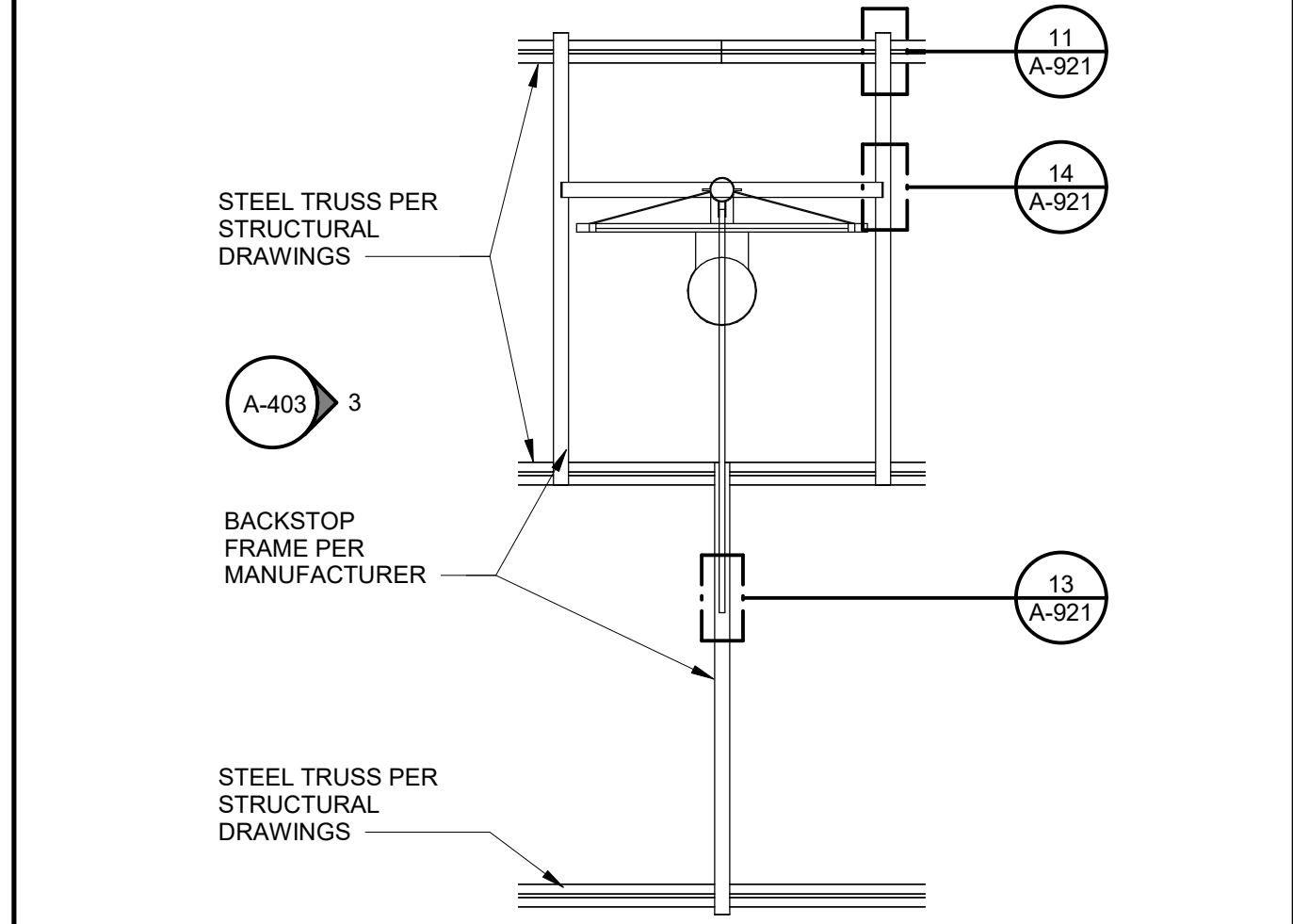
- 05.12.B STRUCTURAL STEEL TRUSS PER STRUCTURAL DRAWINGS
- 05.12.C JOISTS PER STRUCTURAL DRAWINGS
- 08.62.A SKYLIGHTS, 36" X 36", CENTERED BETWEEN ROOF TRUSS. GLAZING TO BE SAFETY GLASS.
- 11.66.A CENTER COURT FORWARD-FOLDING BASKETBALL BACKSTOP.
- 11.66.B SIDE COURT FORWARD-FOLDING BASKETBALL BACKSTOP, CENTERED AT ROOF TRUSS.
- 21.13.B FIRE SPRINKLER HEAD PER FIRE SUPPRESSION DRAWINGS
- 22.05.A HANGER/SUPPORT FOR FIRE SPRINKLER SYSTEM PIPING PER FIRE SUPPRESSION DRAWINGS
- 23.31.B EXPOSED MECHANICAL DUCT PER MECHANICAL DRAWINGS, PAINTED
- 26.51.F HIGH BAY LIGHTING, CENTERED BETWEEN ROOF TRUSS. REFER TO ELECTRICAL DRAWINGS.

CEILING LEGEND

- 12'-0" ACT - CEILING HEIGHT ABOVE FIN. FLOOR
- ACT - CEILING MATERIAL. REFER TO A-251 FOR FINISHES.
- A - WINDOW TYPE TAG, SEE A-801
- ACoustical STEEL DECK
- HIGH BAY LIGHTING
- SKYLIGHTS
- FIRE SPRINKLERS. SEE FIRE PROTECTION DRAWINGS.

CEILING PLAN GENERAL NOTES

- ANY EXPOSED DUCTS, PIPES, CONDUITS AND BACK BOXES TO BE PAINTED.
- ANY EXPOSED STEEL TO BE PAINTED.
- NOT USED.
- SYMBOLS SHOWN FOR LOCATION PURPOSES ONLY. SEE MECHANICAL, ELECTRICAL, & FIRE PROTECTION DRAWINGS FOR DETAILED INFORMATION.



AGENCY APPROVAL DSAE 03-121912



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 CONSULTANT STAMP

ARCHITECT: Alex Kozlov
 LICENSED ARCHITECT
 A-111636
 C-22474
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 STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

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ORCUTT ACADEMY HS MUR BUILDING
 610 Pinal Avenue
 Orcutt, CA 93455

SHEET TITLE
REFLECTED CEILING PLAN AT GYM

DRAWN BY: FC, HC JOB NUMBER: 20179.01

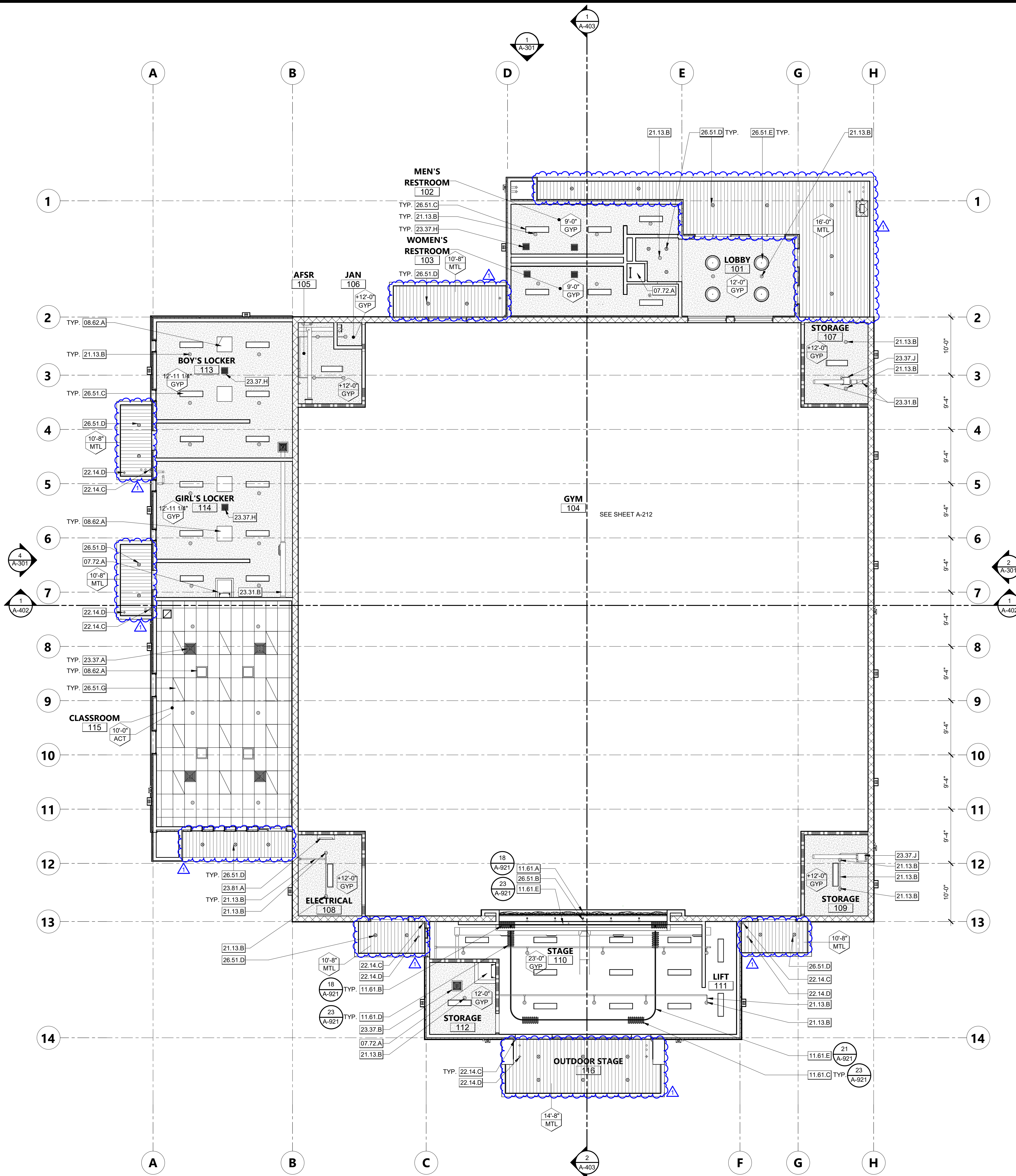
SHEET NO.
A-211

DATE: APRIL 5, 2022

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

CEILING PLAN - SIDE BACKSTOPS 1/4" = 1'-0" 3

FILE LOCATION: C:\Users\hrcruz\Documents\20179_01_OUSD_OAHS MUR_A20_V2_Construction\Report_hrcruz\PB9K.rvt
DATE PLOTTED: 4/14/2022 3:20:10 PM



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

KEYNOTES

- 07.72.A 30"x36" ROOF HATCH
- 08.62.A SKYLIGHTS, 36" X 36", CENTERED BETWEEN ROOF TRUSS. GLAZING TO BE SAFETY GLASS.
- 11.61.A VALANCE
- 11.61.B FRONT STAGE CURTAINS
- 11.61.C REAR STAGE CURTAINS
- 11.61.D LEG STAGE CURTAINS
- 11.61.E STAGE CURTAIN RAILINGS
- 21.13.B FIRE SPRINKLER HEAD PER FIRE SUPPRESSION DRAWINGS
- 22.14.C ROOF MAIN DRAIN PIPING PER PLUMBING DRAWINGS. CONNECT TO STORM DRAIN SYSTEM PER CIVIL DRAWINGS.
- 22.14.D ROOF DRAIN OVERFLOW SPOUT PER PLUMBING DRAWINGS.
- 23.31.B EXPOSED MECHANICAL DUCT PER MECHANICAL DRAWINGS, PAINTED
- 23.37.A SUPPLY REGISTER PER MECHANICAL DRAWINGS
- 23.37.B RETURN AIR REGISTER PER MECHANICAL DRAWINGS
- 23.37.H EXHAUST GRILLE PER MECHANICAL DRAWINGS
- 23.37.J SURFACE MOUNTED EXHAUST FAN PER MECHANICAL DRAWINGS
- 23.81.A SPLIT-SYSTEM HVAC UNIT, INDOOR UNIT PER MECHANICAL DRAWINGS
- 26.51.B THEATRICAL LIGHTING, REFER TO ELECTRICAL DRAWINGS.
- 26.51.C LINEAR CEILING FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- 26.51.D RECESSED LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
- 26.51.E LOBBY PENDANT LIGHTING, REFER TO ELECTRICAL DRAWINGS.
- 26.51.G TROFFER LIGHTING, REFER TO ELECTRICAL DRAWINGS.

CEILING LEGEND

- 12'-0" ACT → CEILING HEIGHT ABOVE FIN. FLOOR
- CEILING MATERIAL
- 2'-x-4' ACOUSTIC CEILING TILES
- GYPSUM BOARD CEILING, PAINTED
- SOFFIT PANEL - 7" WIDE WOOD-GRAINED METAL CEILING PANEL BY PAC-CLAD (AT EXTERIOR CANOPIES). SEE [3, 7, 10, 17, 20] [A-703, A-703, A-703, A-703]
- FIRE SPRINKLERS. SEE FIRE PROTECTION DRAWINGS.
- RECESSED CEILING LIGHT FIXTURES. SEE ELECTRICAL DRAWINGS.

ARCHITECT STAMP: [Professional Seal]

CONSULTANT STAMP: [Professional Seal]

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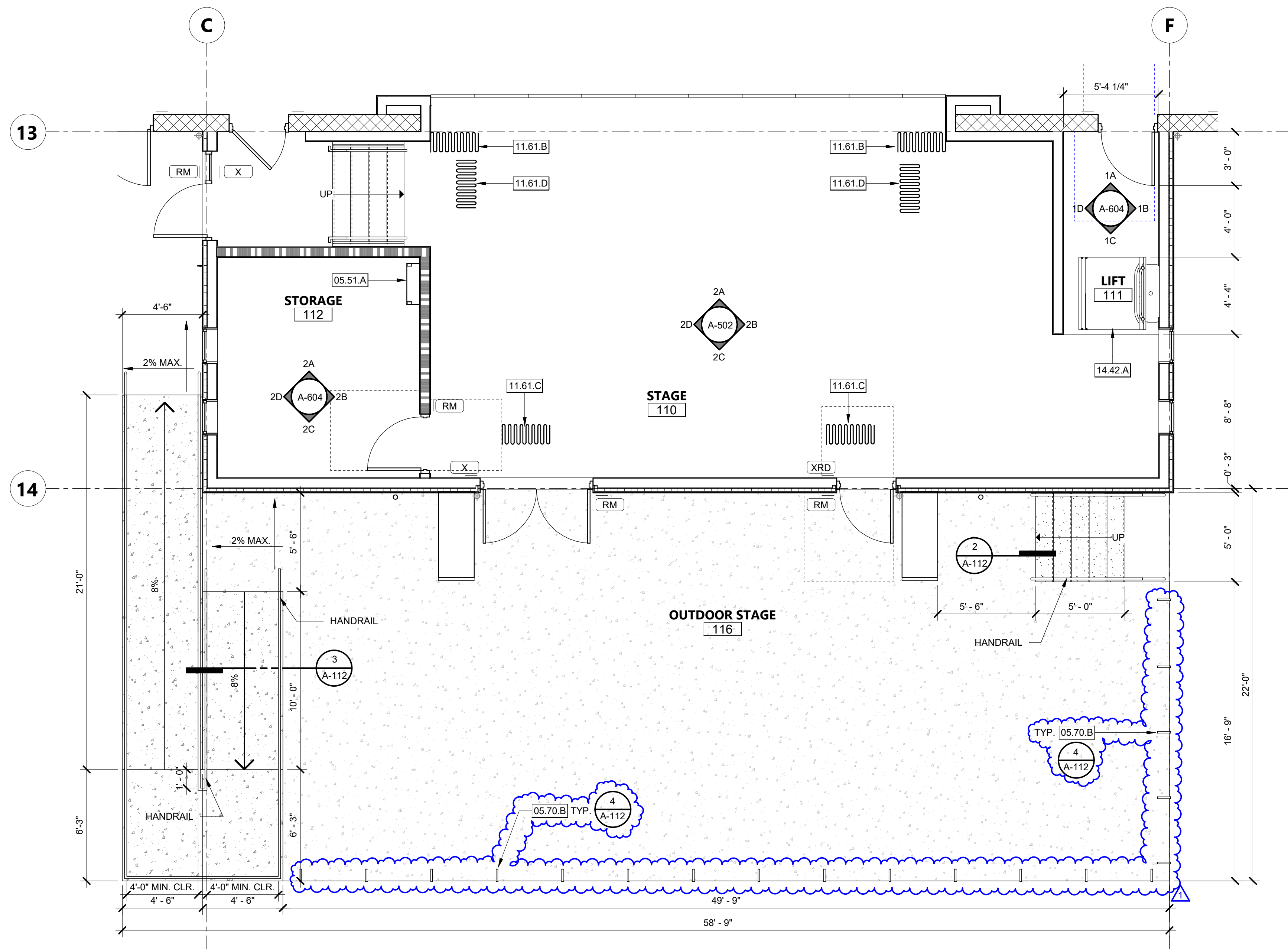
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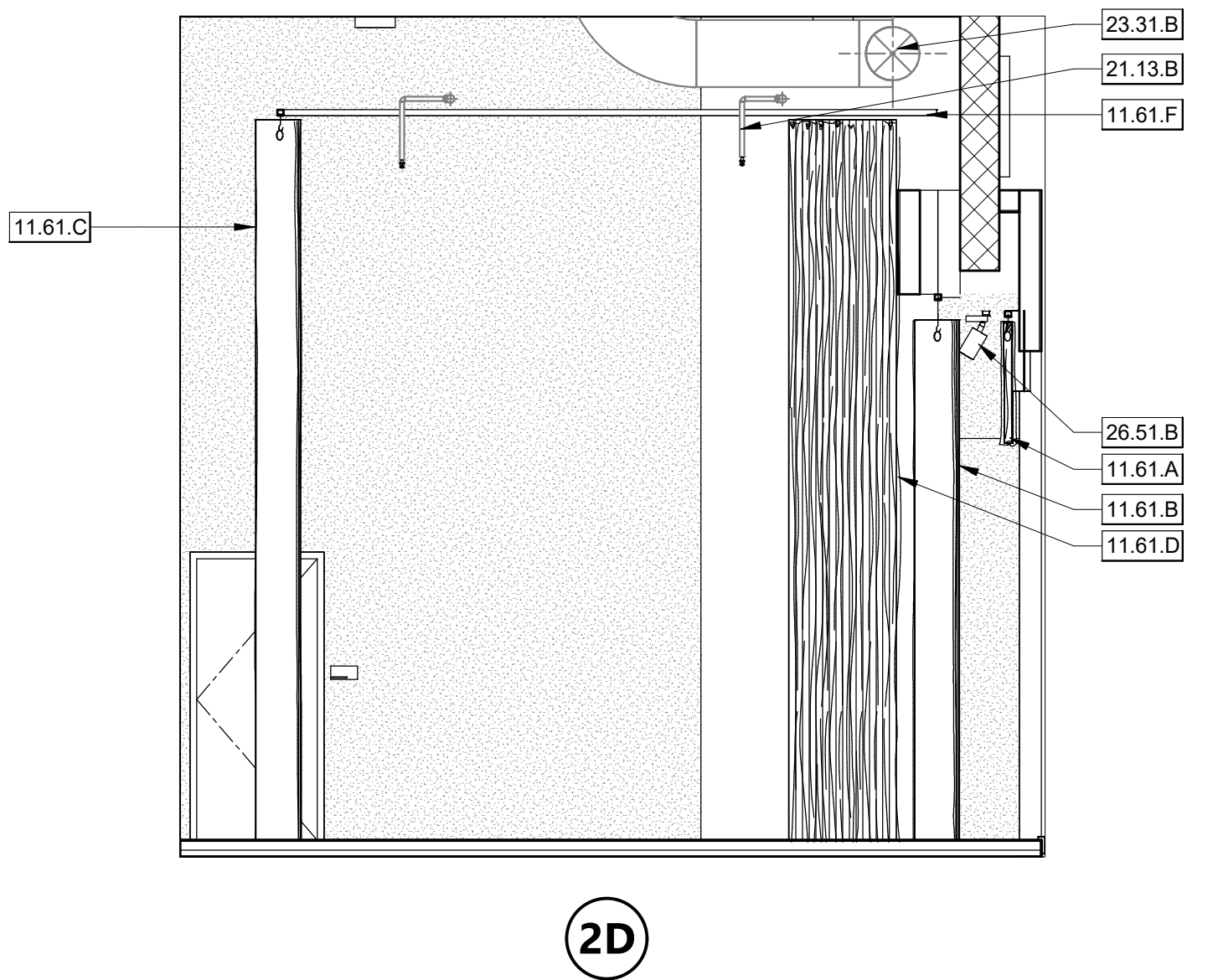
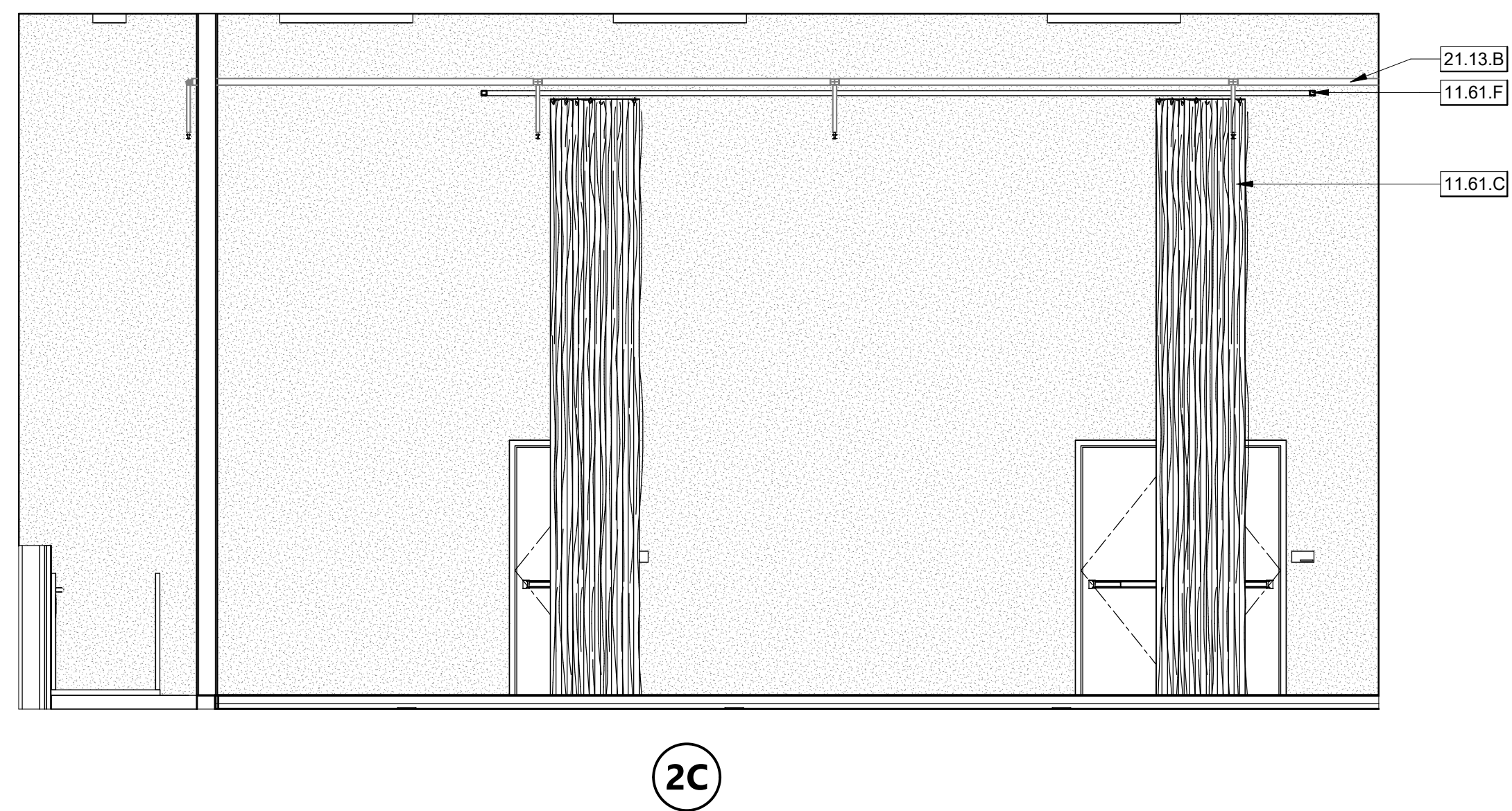
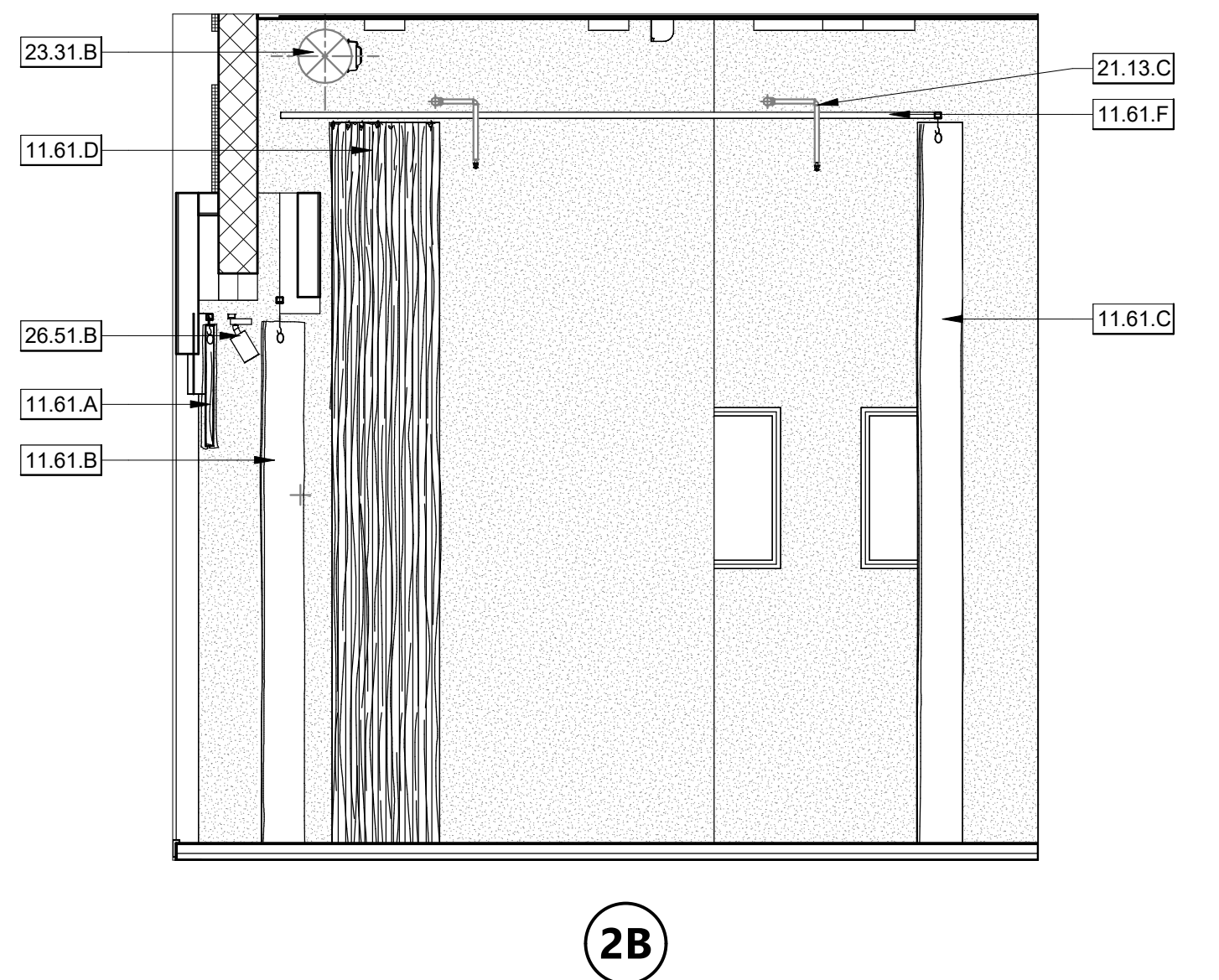
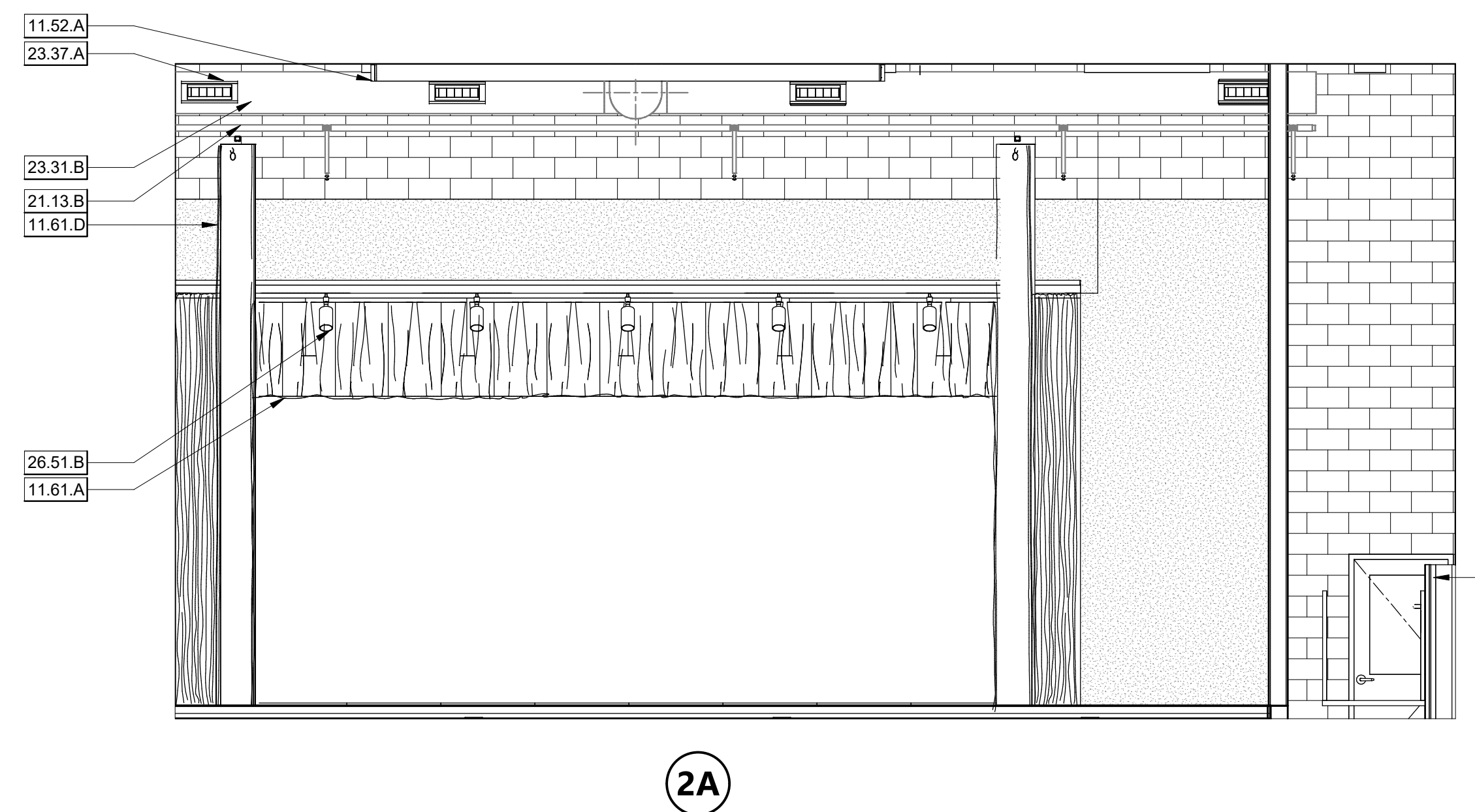
SHEET TITLE
REFLECTED CEILING PLAN AT ROOMS

DRAWN BY: Author JOB NUMBER: 20179.01
SHEET NO.
A-212
DATE: APRIL 5, 2022

DATE PLOTTED: 4/14/2022 3:20:16 PM FILE LOCATION: C:\Users\HCruz\Documents\20179.01_OUSD_OAHS MUR_A20_V2_Construction\Report_1\rcruz\PSB9K.rvt



ENLARGED FLOOR PLAN AT STAGE 1/4" = 1'-0" 1



- KEYNOTES**
- 05.51.A ALUMINUM ACCESS LADDER WITH COVER
 - 05.70.B SKATEBOARD DETERRENTS
 - 11.52.A MOTORIZED REAR PROJECTION SCREEN
 - 11.61.A VALANCE
 - 11.61.B FRONT STAGE CURTAINS
 - 11.61.C REAR STAGE CURTAINS
 - 11.61.D LEG STAGE CURTAINS
 - 11.61.F SUSPENDED STAGE CURTAIN TRACK
 - 14.42.A WHEEL CHAIR LIFT
 - 21.13.B FIRE SPRINKLER HEAD PER FIRE SUPPRESSION DRAWINGS
 - 21.13.C FIRE SPRINKLER SYSTEM PIPING PER FIRE SUPPRESSION DRAWINGS
 - 23.31.B EXPOSED MECHANICAL DUCT PER MECHANICAL DRAWINGS, PAINTED
 - 23.37.A SUPPLY REGISTER PER MECHANICAL DRAWINGS
 - 26.51.B THEATRICAL LIGHTING, REFER TO ELECTRICAL DRAWINGS.

AGENCY APPROVAL **OSAE** 03-121912

196
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SHEET TITLE

ENLARGED FLOOR PLAN AT STAGE

DRAWN BY: FC, HC JOB NUMBER: 20179.01

SHEET NO.

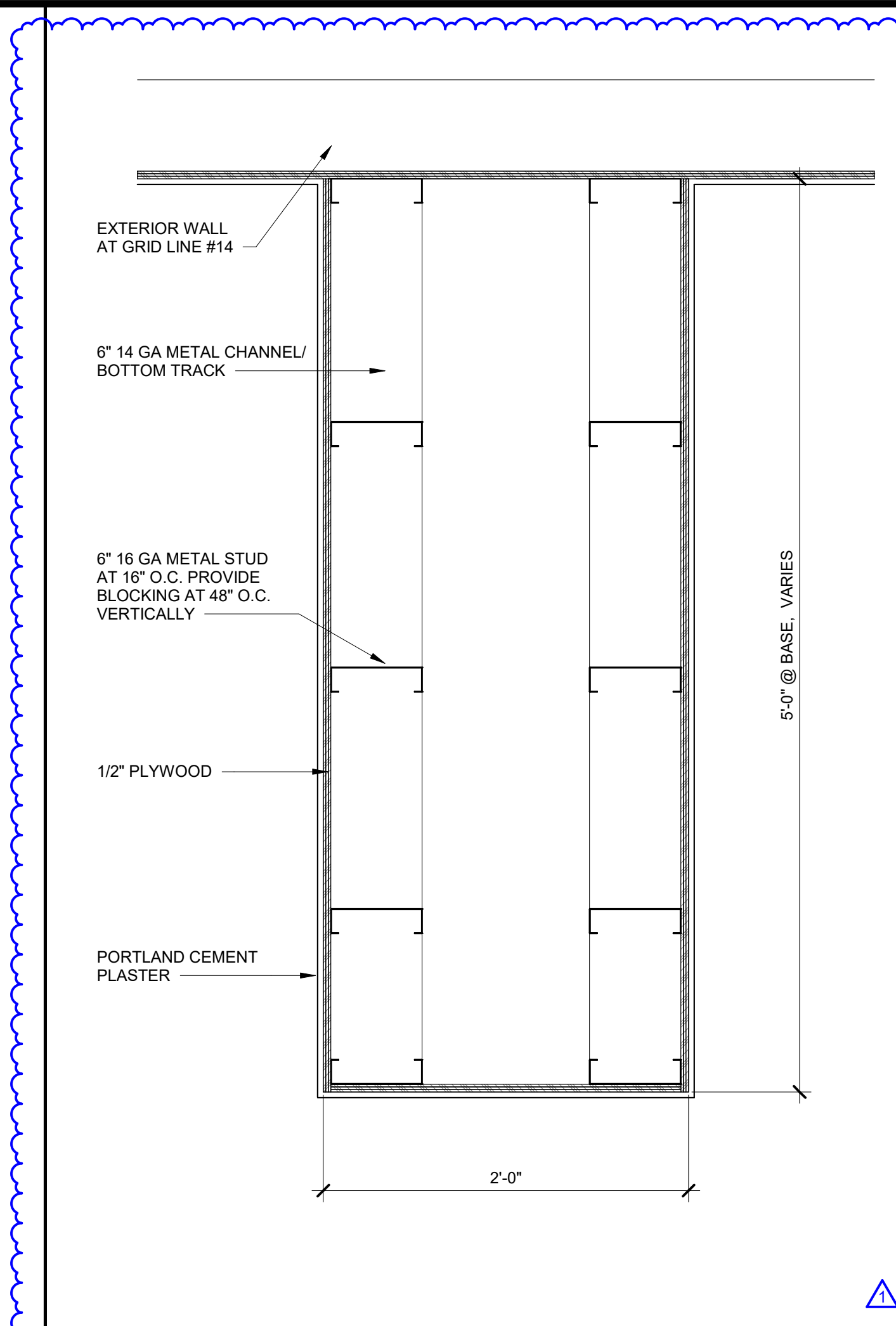
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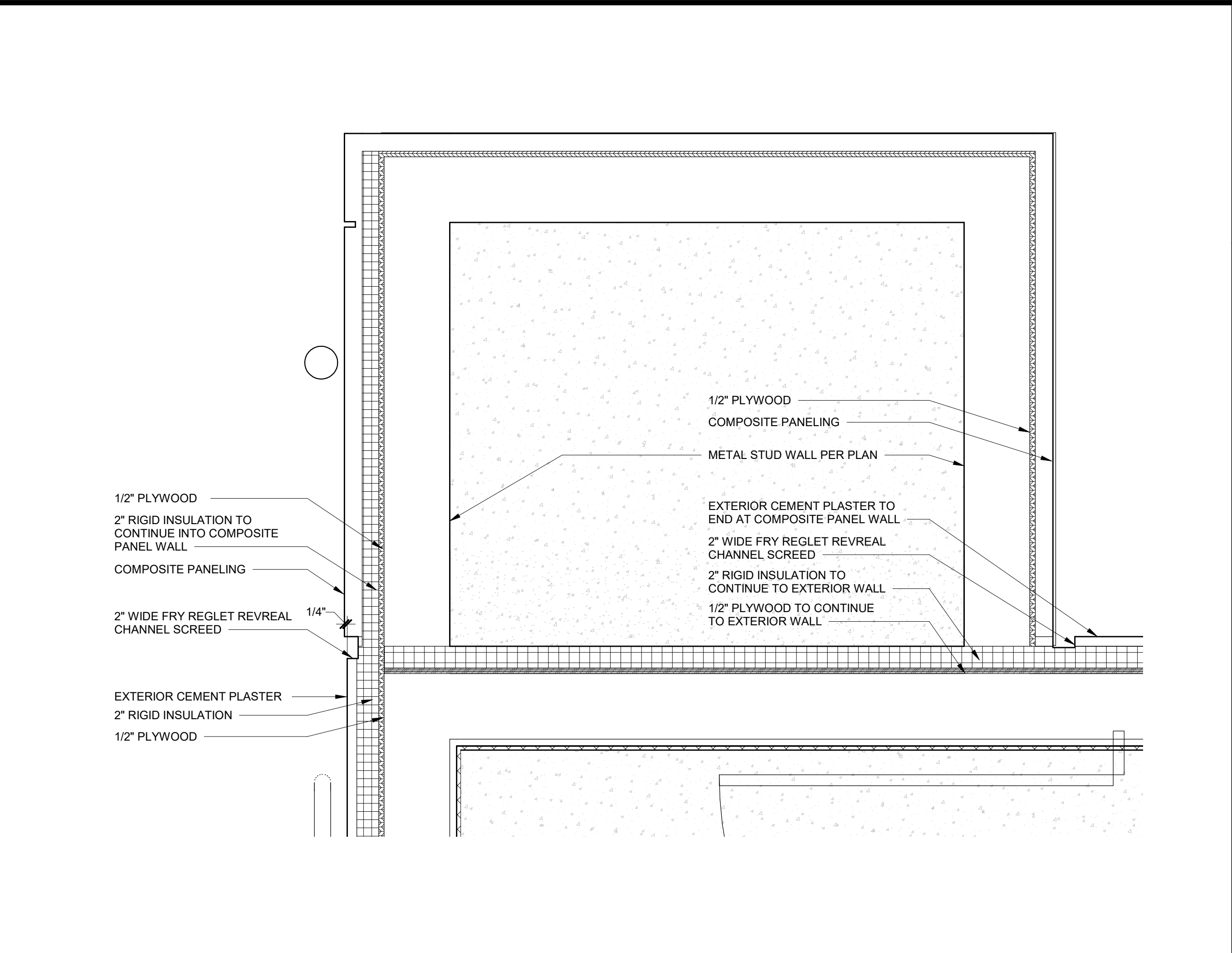


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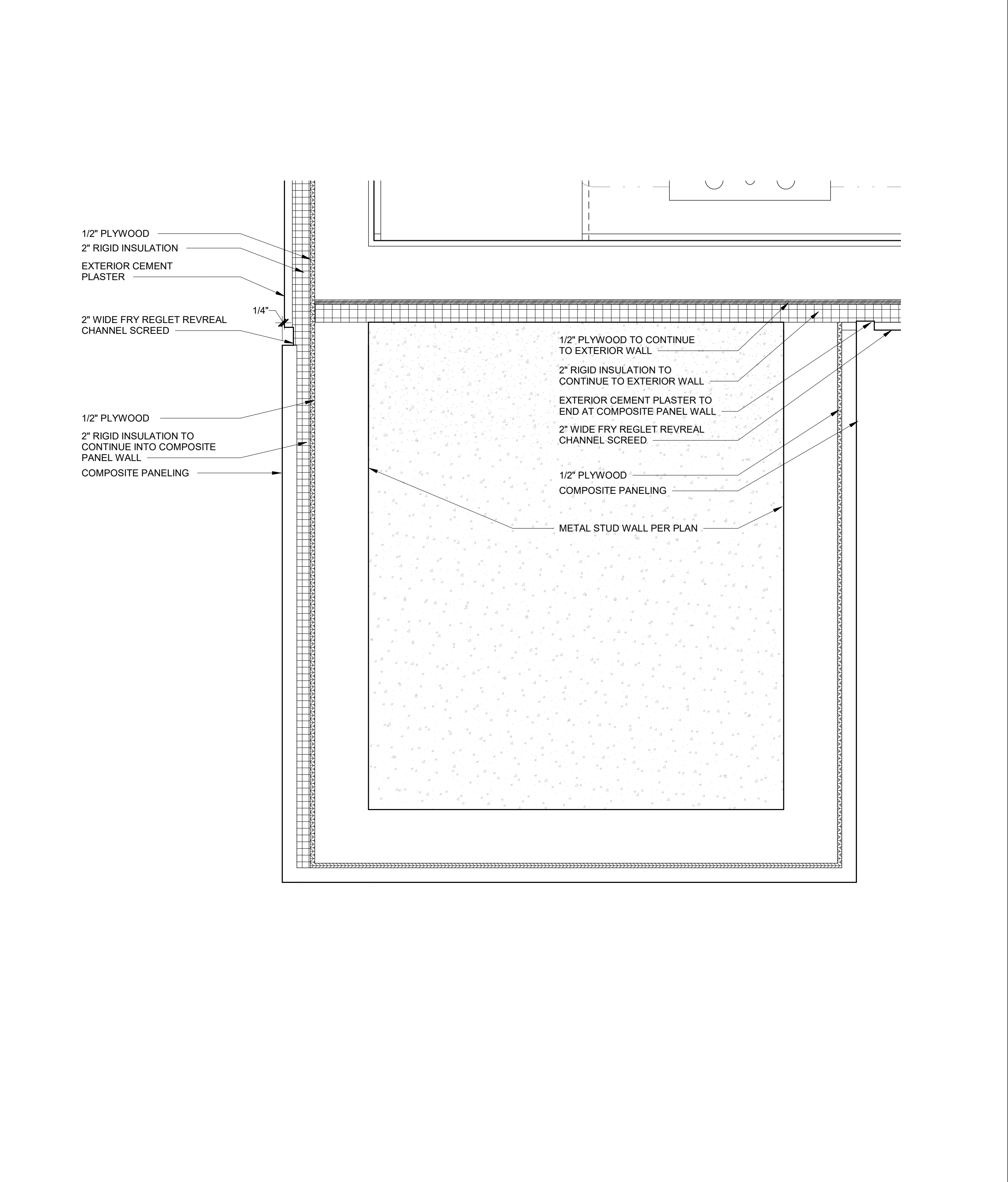
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ENLARGED POP-OUT AT EXTERIOR STAGE 1 1/2" = 1'-0" **12**

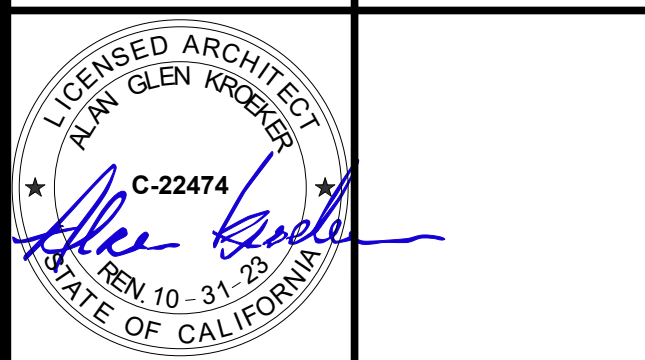


ENLARGED POP-OUT AT RESTROOMS 1 1/2" = 1'-0" **2**



ENLARGED POP-OUT AT CLASSROOM 1 1/2" = 1'-0" **5**

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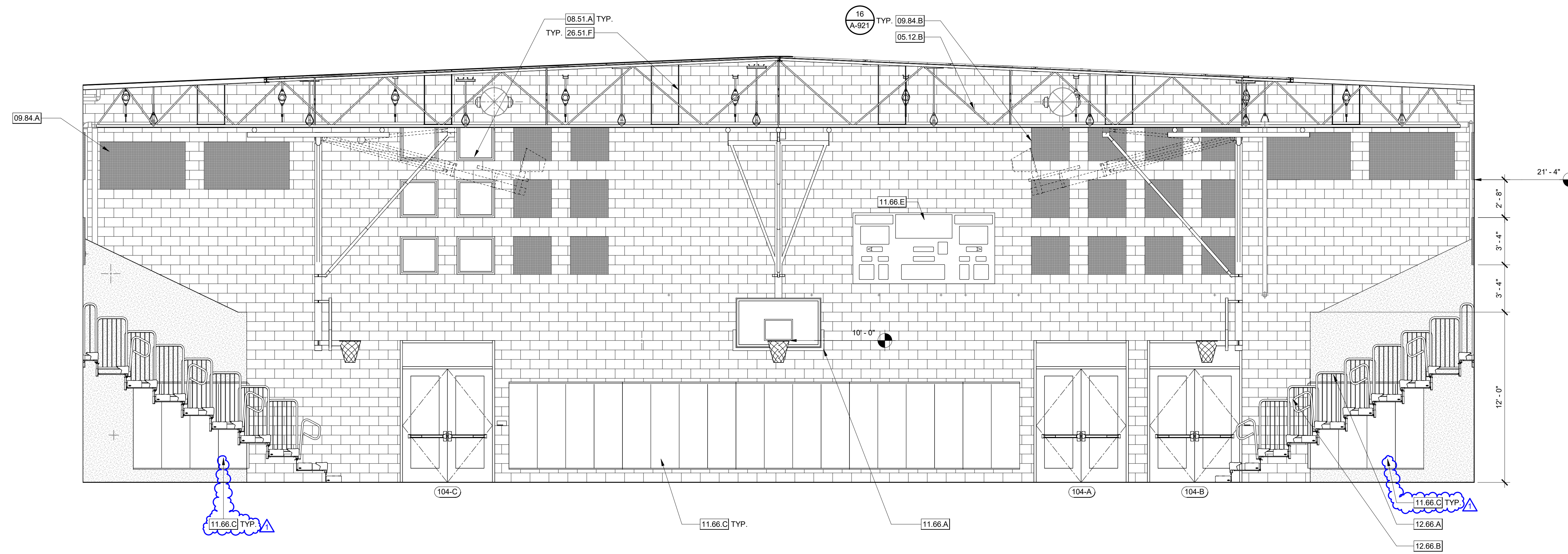
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SHEET TITLE
ENLARGED FLOOR PLAN AT POP-OUTS

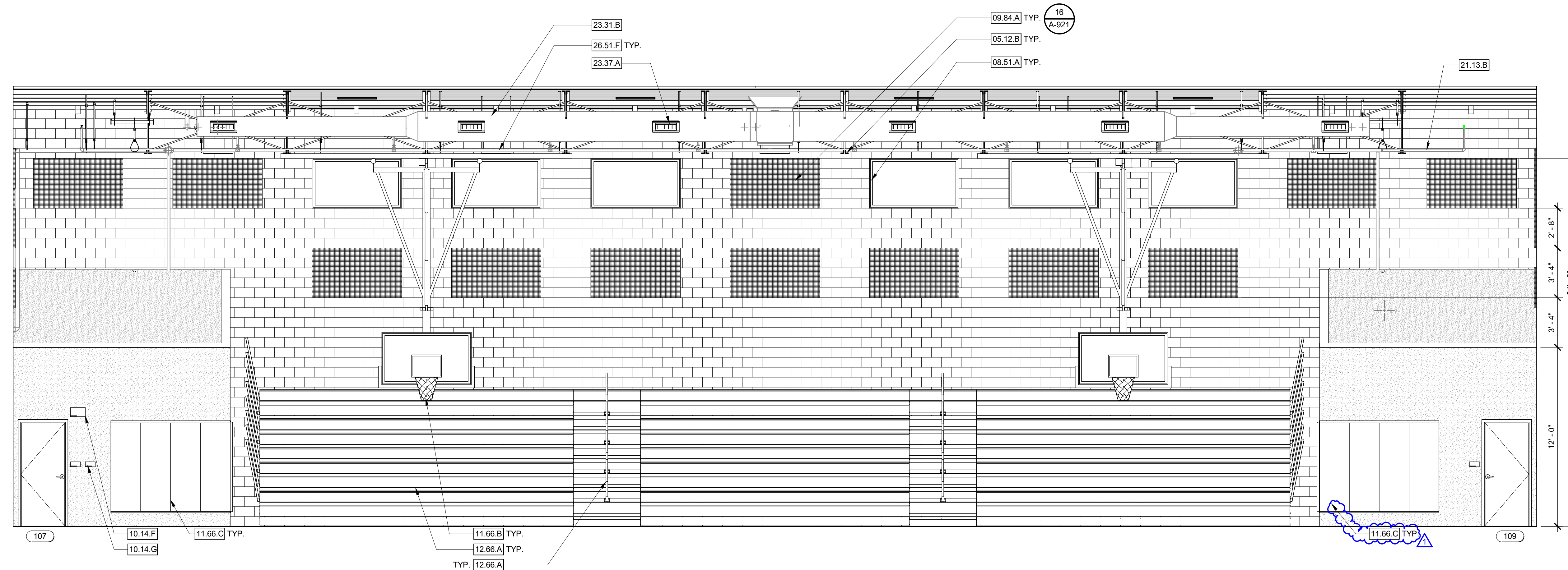
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SHEET NO.

A-503
DATE: APRIL 5, 2022

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GYM - 104 - NORTH INTERIOR ELEVATION 1/4" = 1'-0" 1



GYM - 104 - EAST INTERIOR ELEVATION 1/4" = 1'-0" 2

- KEYNOTES**
- 05.12.B STRUCTURAL STEEL TRUSS PER STRUCTURAL DRAWINGS
 - 08.51.A FIXED ALUMINUM WINDOW
 - 09.84.A ACOUSTICAL WALL PANELS 72" X 40"
 - 09.84.B ACOUSTICAL WALL PANELS 32" X 32"
 - 10.14.F ALS SIGNAGE. SEE SHEET A-831 (SIGNAGE DETAILS).
 - 10.14.G MAX OCCUPANCY SIGNAGE. SEE SHEET A-831 (SIGNAGE DETAILS).
 - 11.66.A CENTER COURT FORWARD-FOLDING BASKETBALL BACKSTOP.
 - 11.66.B SIDE COURT FORWARD-FOLDING BASKETBALL BACKSTOP, CENTERED AT ROOF TRUSS.
 - 11.66.C WALL CRASH PADDING
 - 11.66.E SCOREBOARD
 - 12.66.A TELESCOPING BLEACHERS. SEE BLEACHER SEATING VENDOR DRAWINGS.
 - 12.66.B TELESCOPING BLEACHERS AISLE. SEE BLEACHER SEATING VENDOR DRAWINGS.
 - 21.13.B FIRE SPRINKLER HEAD PER FIRE SUPPRESSION DRAWINGS
 - 23.31.B EXPOSED MECHANICAL DUCT PER MECHANICAL DRAWINGS, PAINTED
 - 23.37.A SUPPLY REGISTER PER MECHANICAL DRAWINGS
 - 26.51.F HIGH BAY LIGHTING, CENTERED BETWEEN ROOF TRUSS. REFER TO ELECTRICAL DRAWINGS.

AGENCY APPROVAL **DS&J** 03-121912

196
ARCHITECTS

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A-111 GLEN FORBES
C-22474
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REN 10-31-25
STATE OF CALIFORNIA

REVISIONS

NO.	DATE	DESCRIPTION
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PROJECT OWNER & TITLE

ORCUTT UNION SCHOOL DISTRICT
500 Dyer Street
Orcutt, CA 93455

ORCUTT ACADEMY HS MUR BUILDING
610 Pinal Avenue
Orcutt, CA 93455

SHEET TITLE

INTERIOR ELEVATIONS

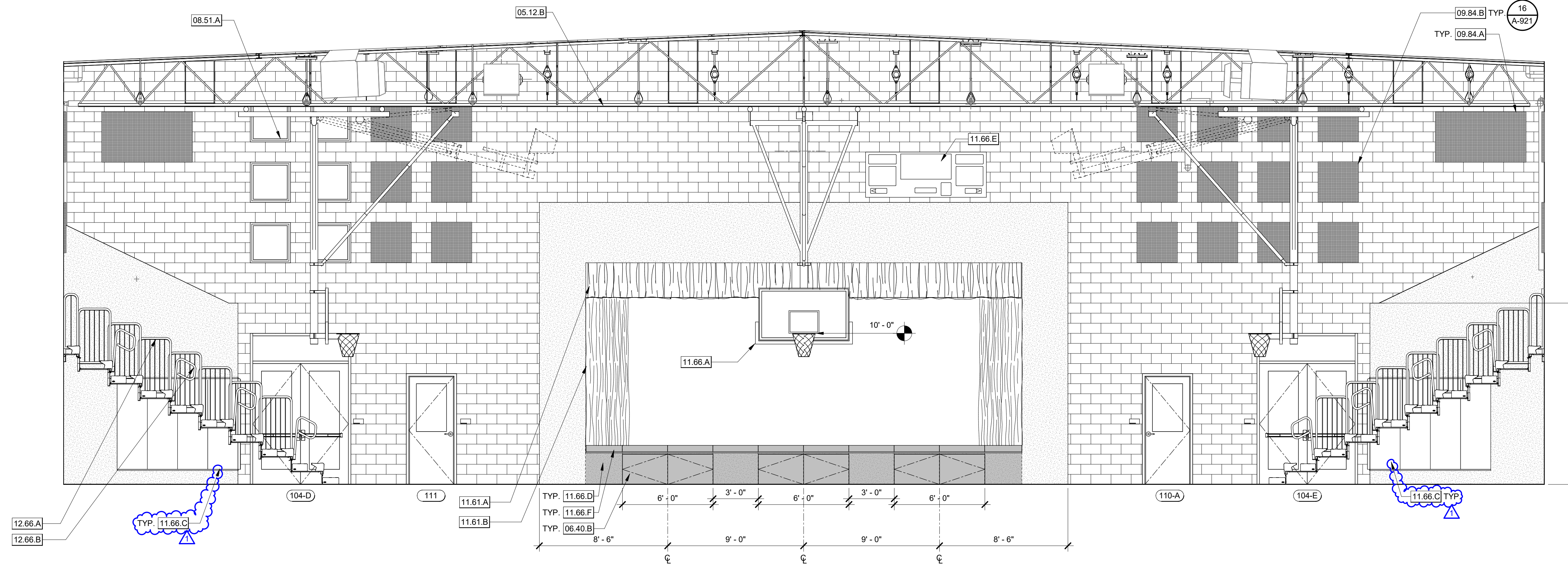
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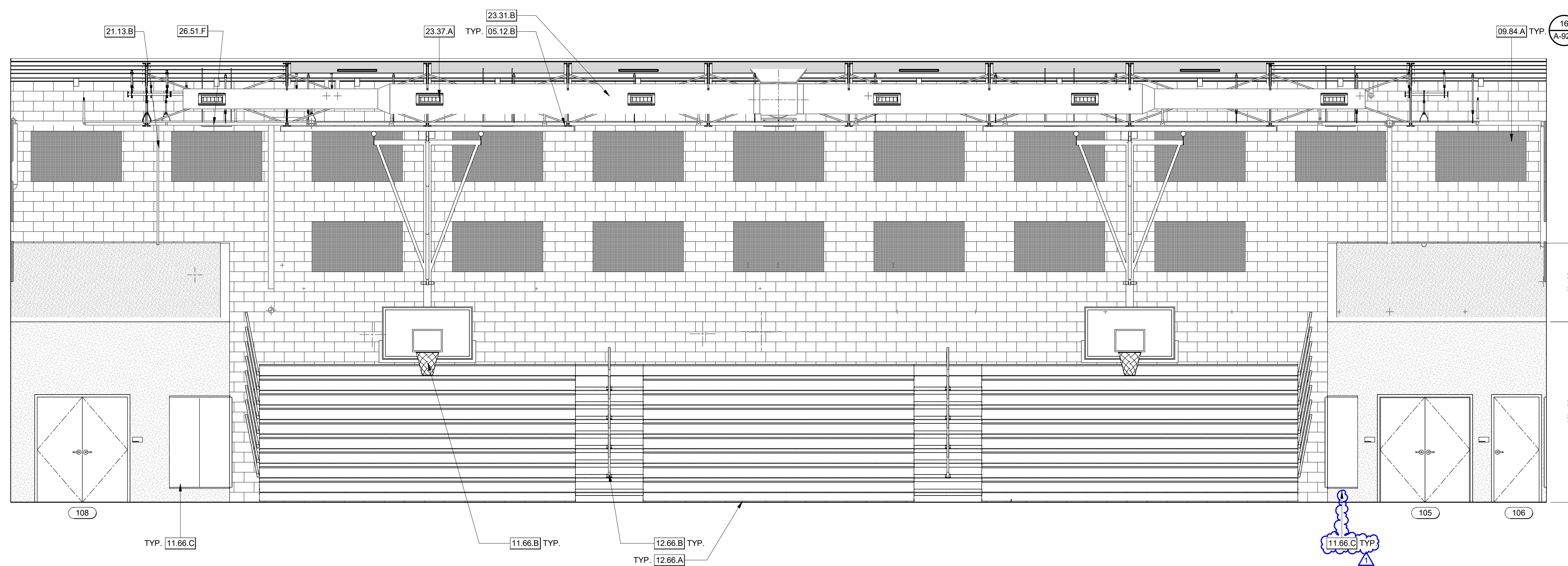
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DATE: APRIL 5, 2022

DATE PLOTTED: 4/14/2022 3:20:25 PM FILE LOCATION: C:\Users\HCruz\Documents\20179_01_OUSD_OAHS MUR_A20_V2_Construction\Report_Report\PB9K.rvt



GYM - 104 - SOUTH INTERIOR ELEVATION 1/4" = 1'-0" 1



GYM - 104 - WEST INTERIOR ELEVATION 1/4" = 1'-0" 2

KEYNOTES

- 05.12.B STRUCTURAL STEEL TRUSS PER STRUCTURAL DRAWINGS
- 06.40.B UNDER-STAGE STORAGE DOORS
- 08.51.A FIXED ALUMINUM WINDOW
- 09.84.A ACOUSTICAL WALL PANELS 72" X 40"
- 09.84.B ACOUSTICAL WALL PANELS 32" X 32"
- 11.61.A VALANCE
- 11.61.B FRONT STAGE CURTAINS
- 11.66.A CENTER COURT FORWARD-FOLDING BASKETBALL BACKSTOP.
- 11.66.B SIDE COURT FORWARD-FOLDING BASKETBALL BACKSTOP, CENTERED AT ROOF TRUSS.
- 11.66.C WALL CRASH PADDING
- 11.66.D REMOVABLE STAGE CRASH PADDING ALONG THE ENTIRE FRONT LENGTH OF THE STAGE.
- 11.66.E SCOREBOARD
- 11.66.F 5" STAGE EDGE/CORNER BUMPER GUARD
- 12.66.A TELESCOPING BLEACHERS. SEE BLEACHER SEATING VENDOR DRAWINGS.
- 12.66.B TELESCOPING BLEACHERS AISLE. SEE BLEACHER SEATING VENDOR DRAWINGS.
- 21.13.B FIRE SPRINKLER HEAD PER FIRE SUPPRESSION DRAWINGS
- 23.31.B EXPOSED MECHANICAL DUCT PER MECHANICAL DRAWINGS. PAINTED
- 23.37.A SUPPLY REGISTER PER MECHANICAL DRAWINGS
- 26.51.F HIGH BAY LIGHTING, CENTERED BETWEEN ROOF TRUSS. REFER TO ELECTRICAL DRAWINGS.

AGENCY APPROVAL DSAE 03-121912



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SHEET TITLE

INTERIOR ELEVATIONS

DRAWN BY: FC, HC JOB NUMBER: 20179.01

SHEET NO.

A-602

DATE: APRIL 5, 2022



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SHEET TITLE

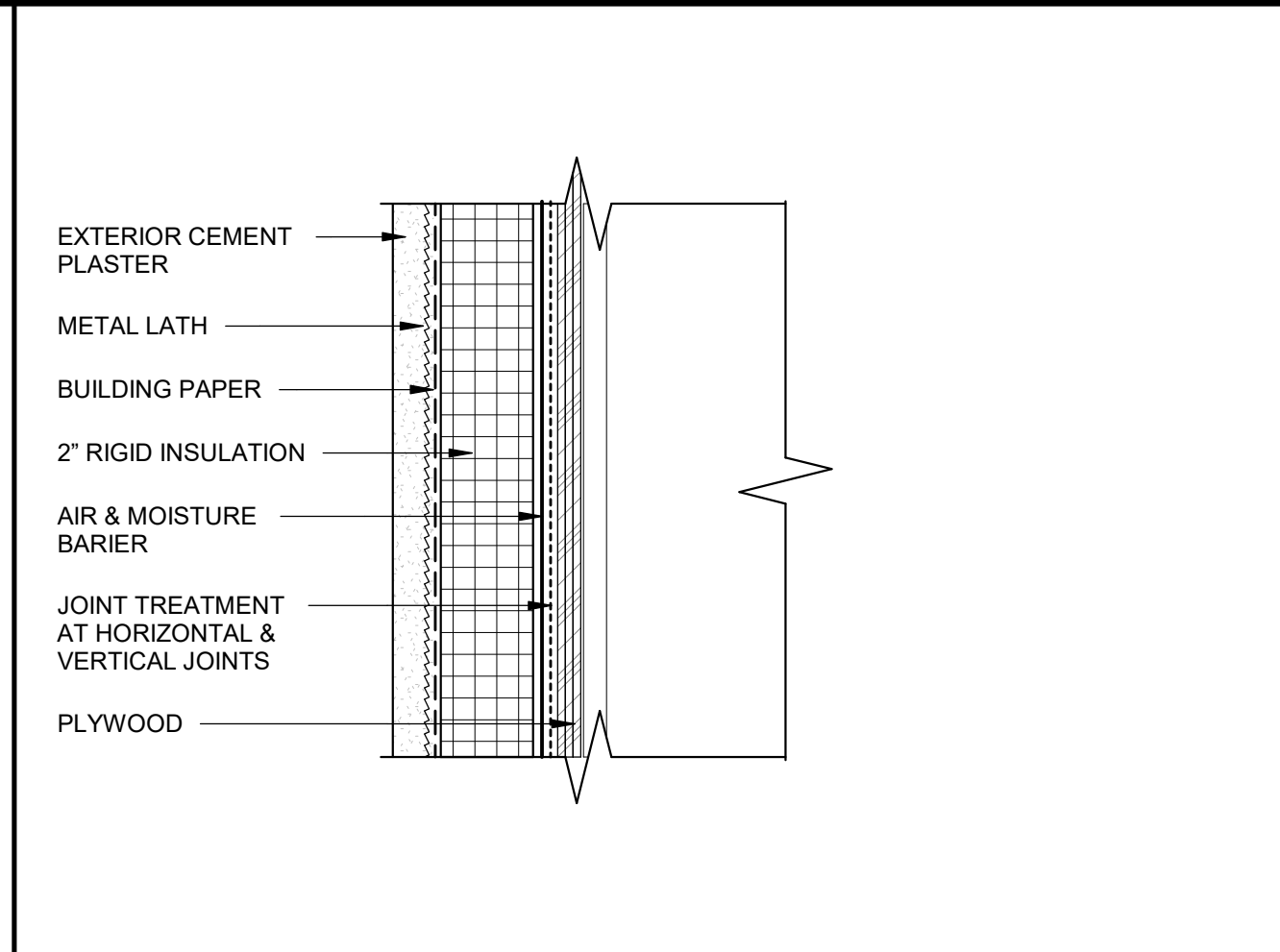
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DRAWN BY: XX JOB NUMBER: 20179.01

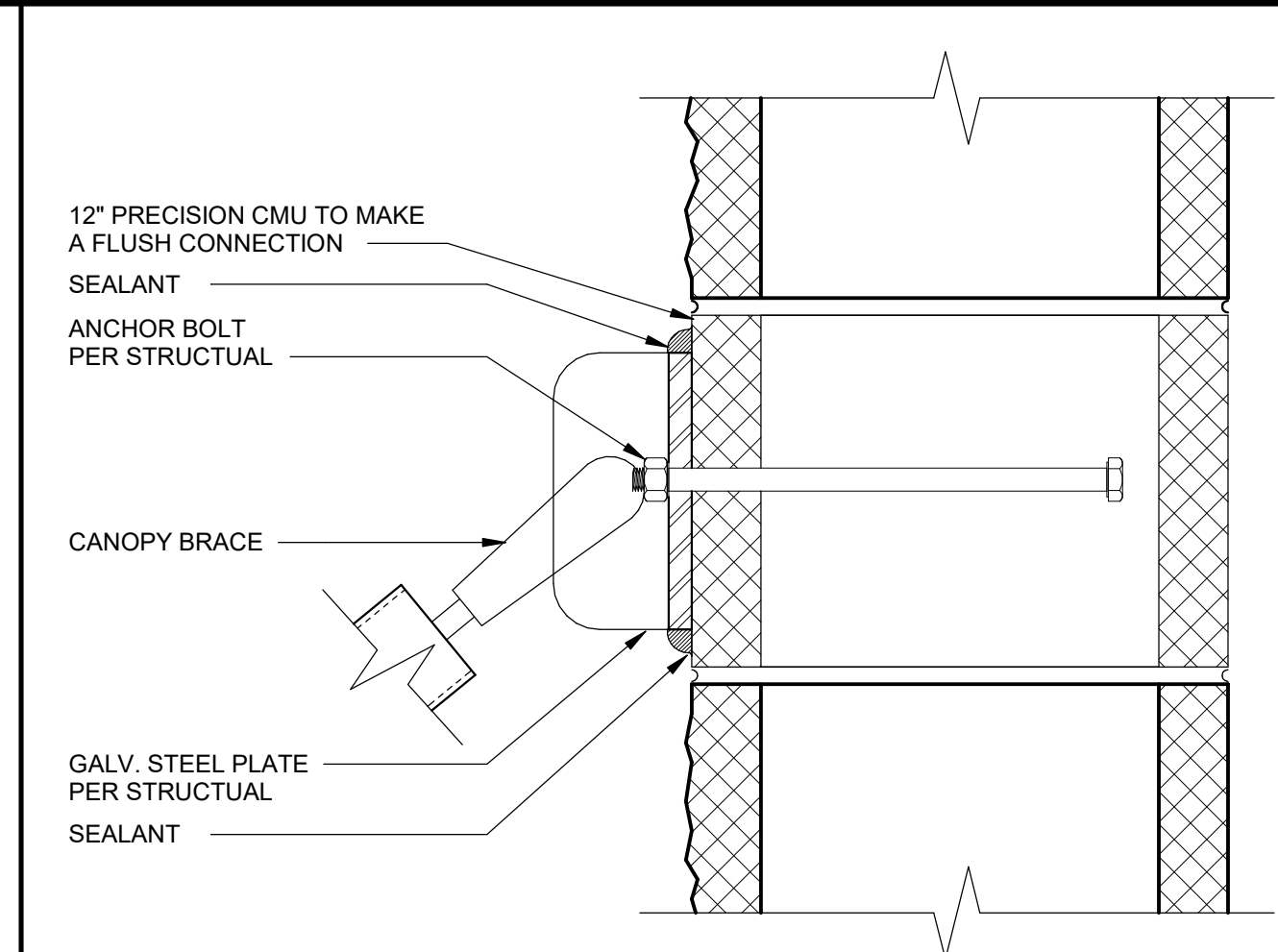
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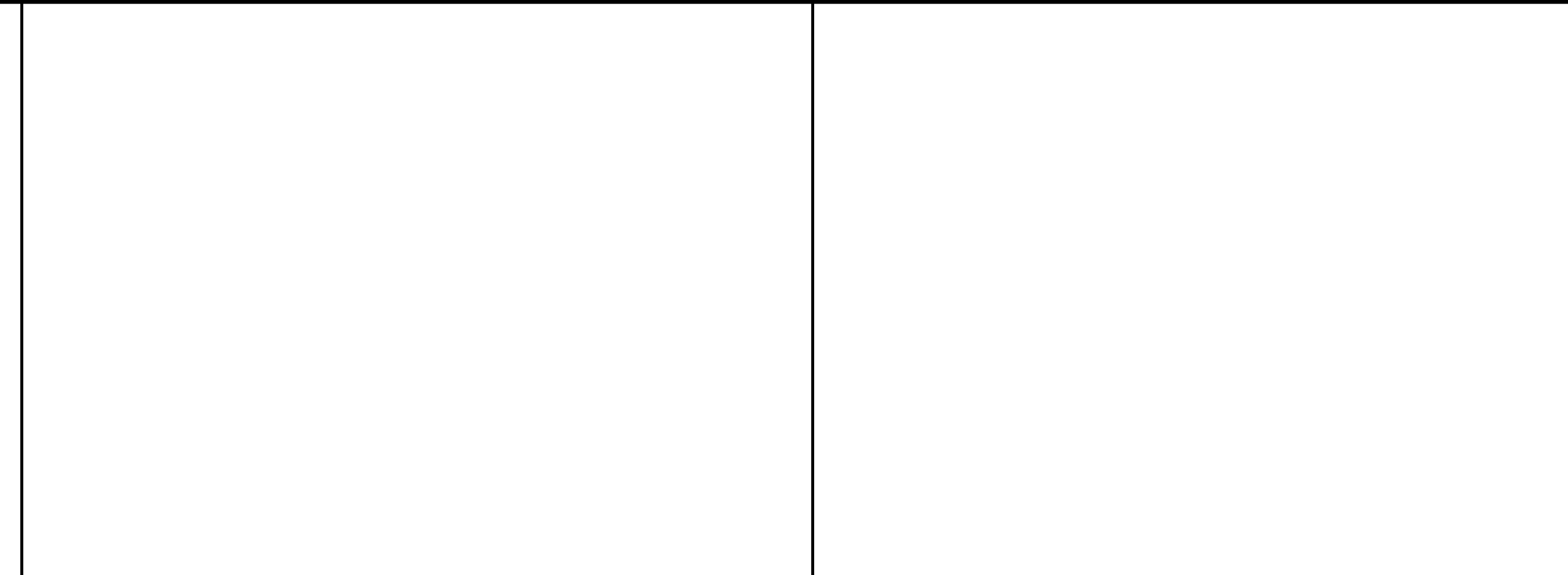
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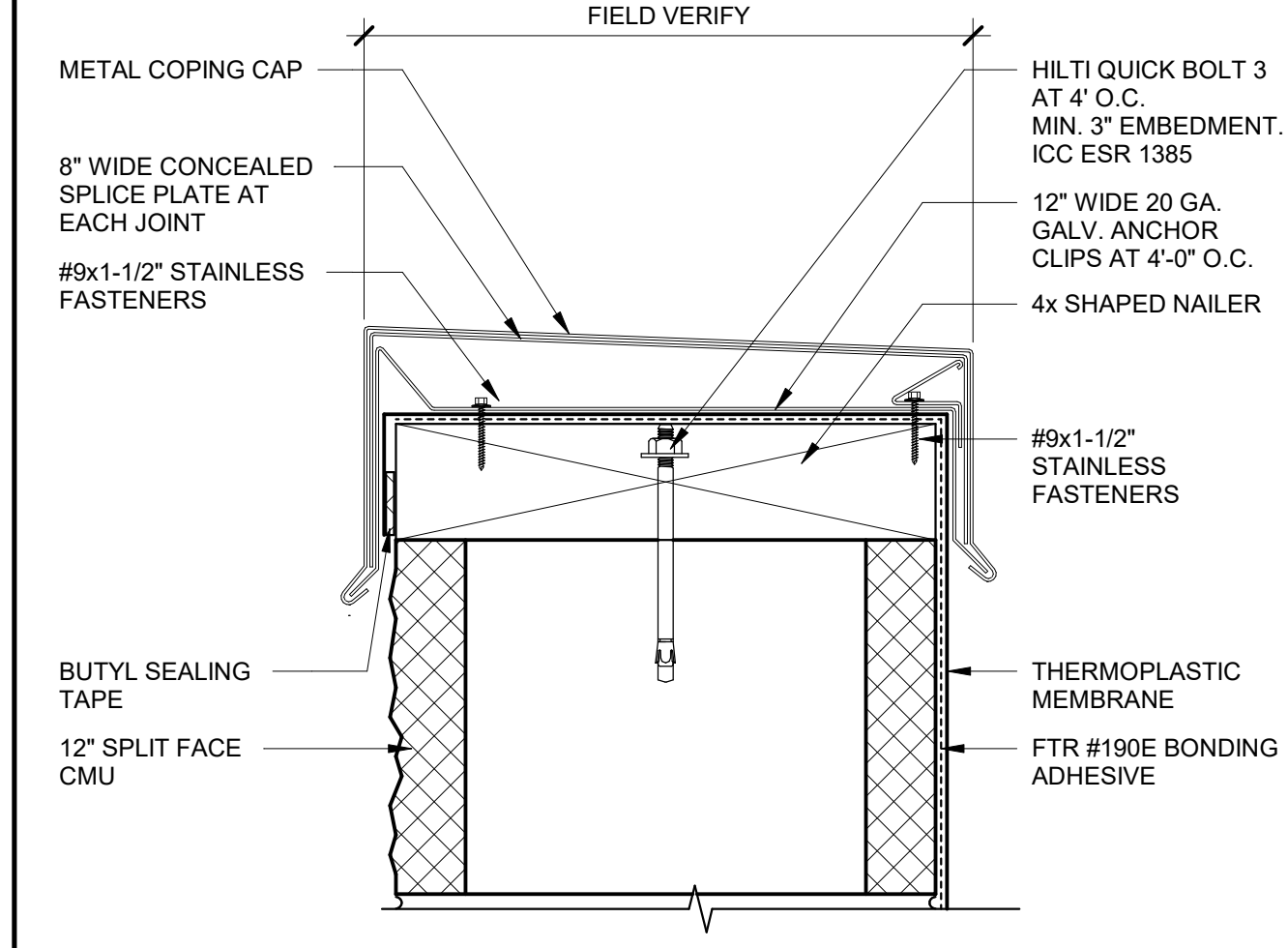
EXTERIOR CEMENT PLASTER SYSTEM 3" = 1'-0" 1



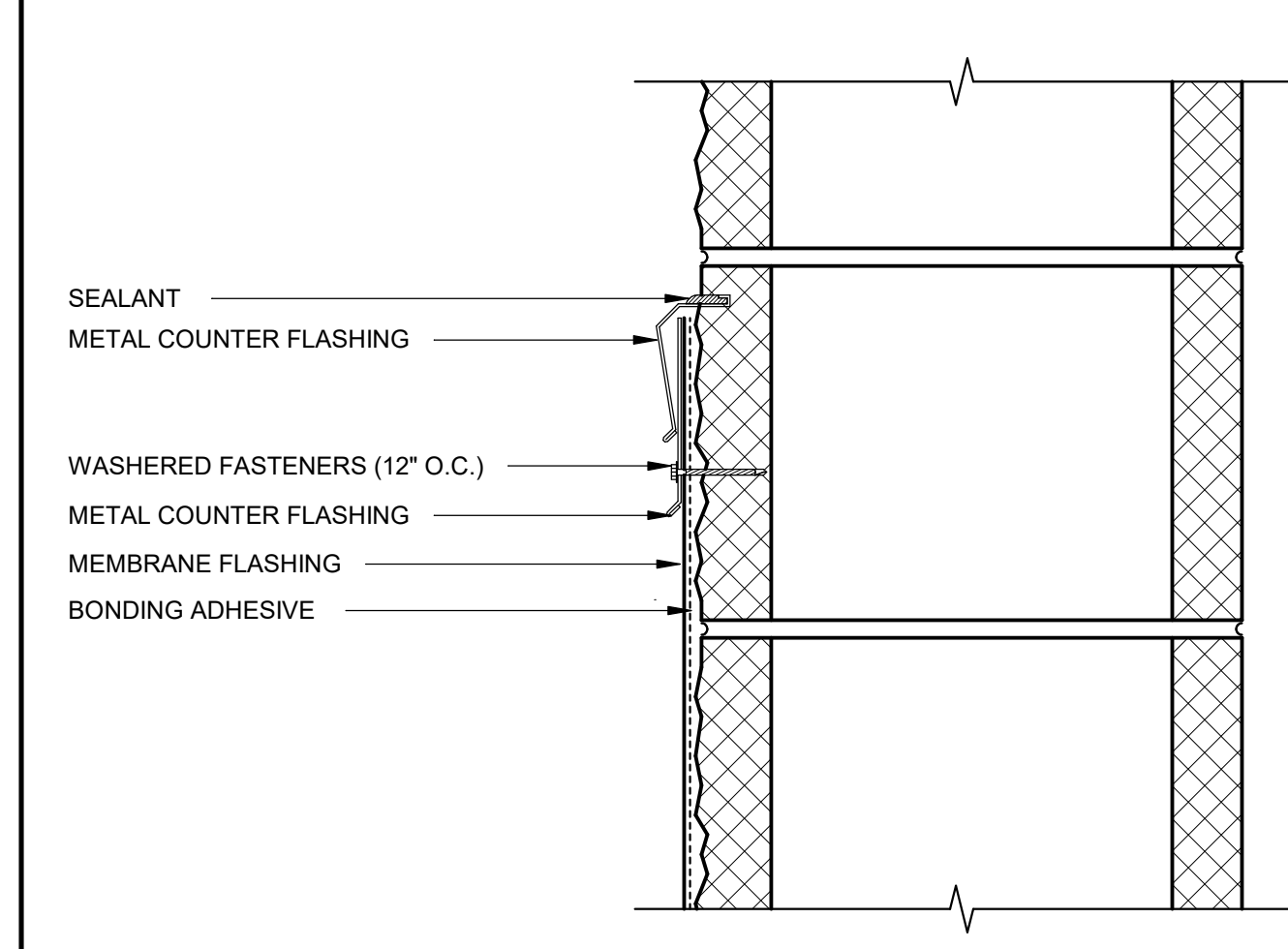
BRACE AT CMU WALL 3" = 1'-0" 6



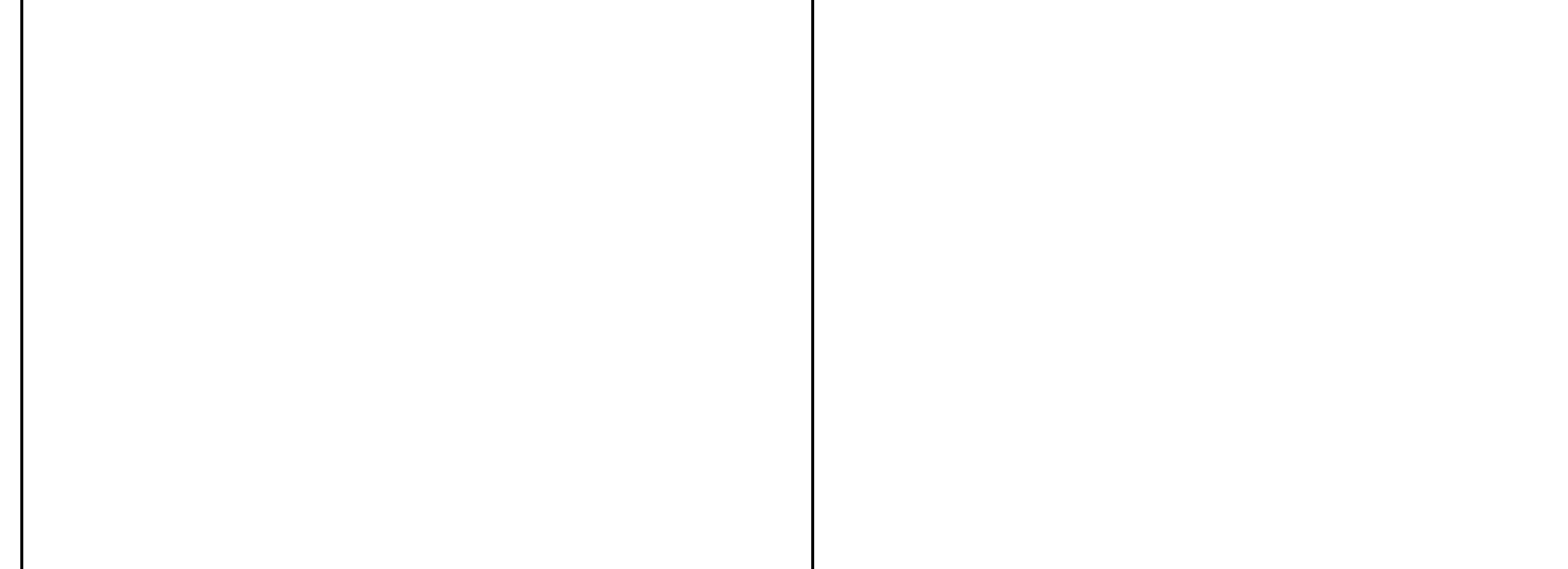
COPING & FLASHING @ PILASTER 1 1/2" = 1'-0" 21



PARAPET CAP AT CMU 3" = 1'-0" 2



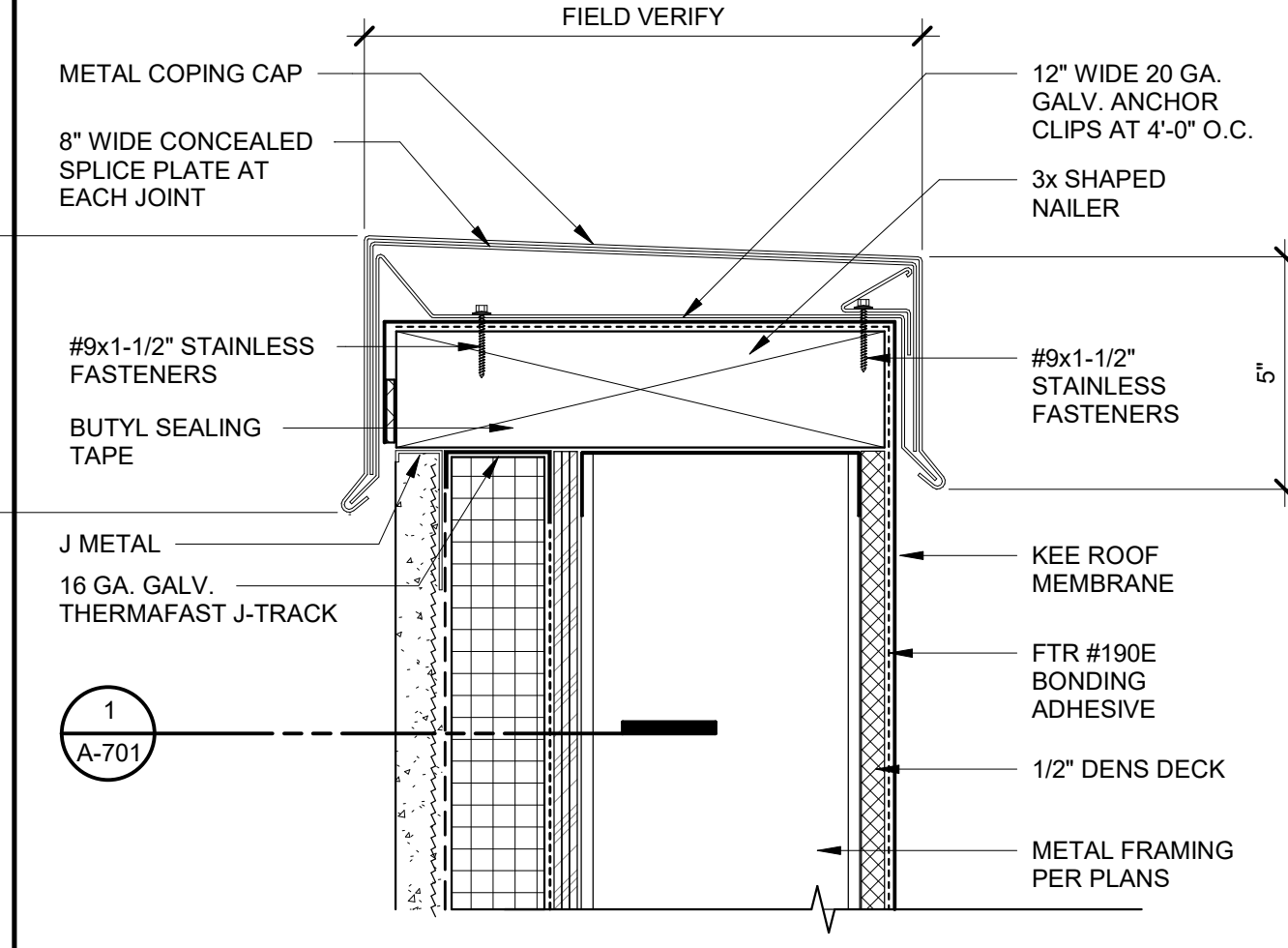
WALL TO ROOF AT CMU 3" = 1'-0" 7



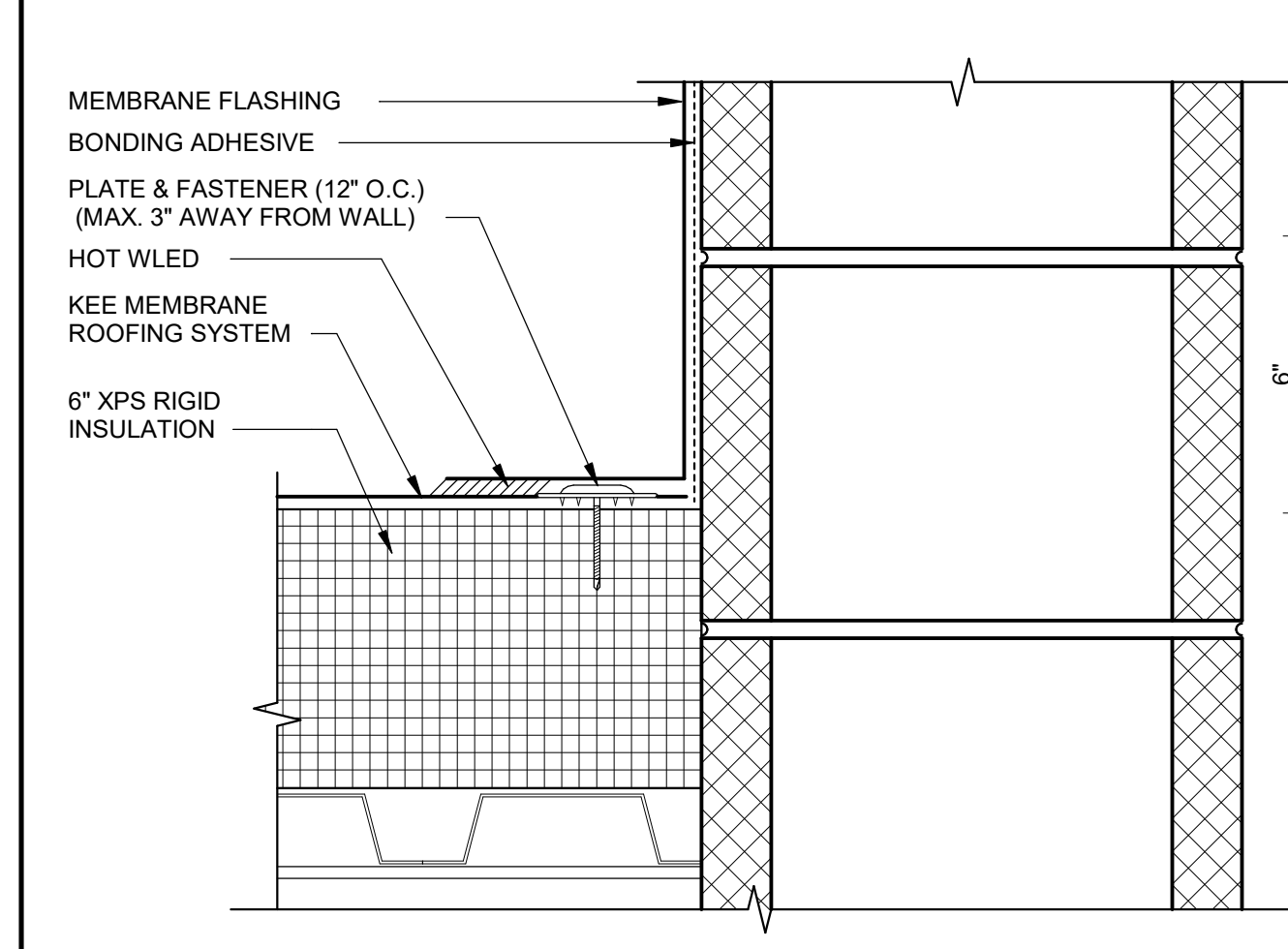
OVERFLOW MTL. 3" = 1'-0" 18



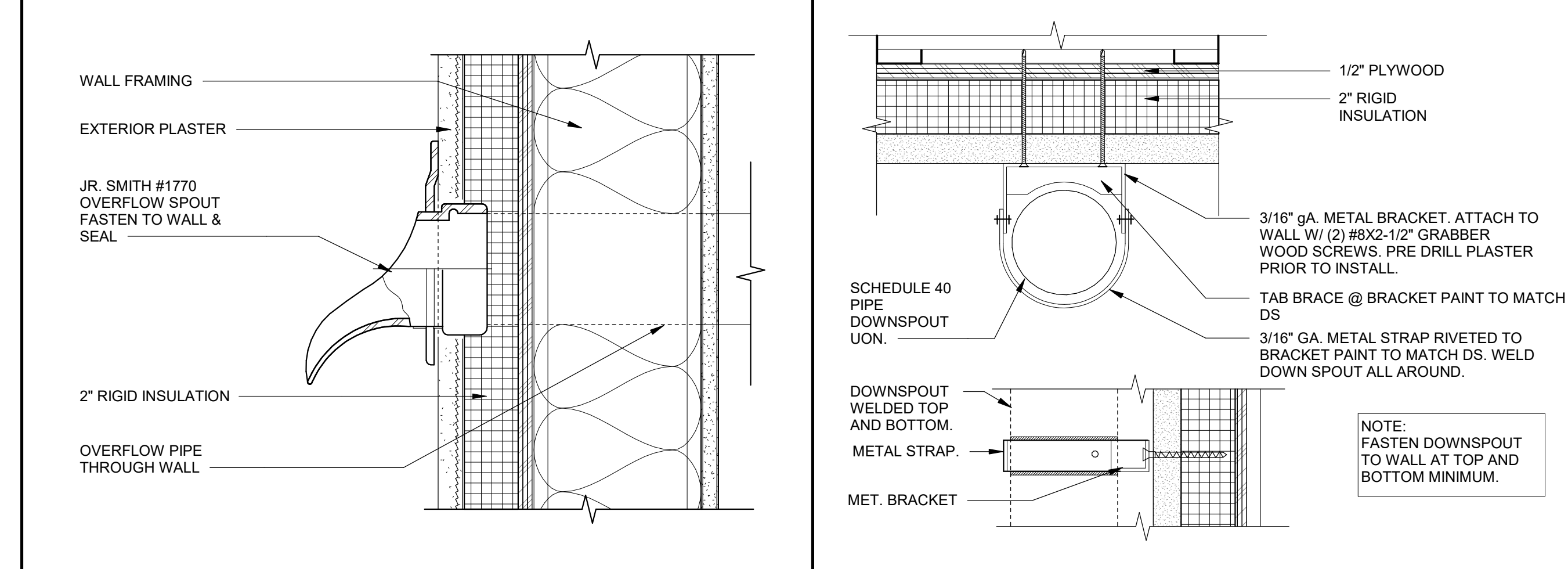
DOWNSPOUT @ MTL. FRAMED WALL 3" = 1'-0" 13



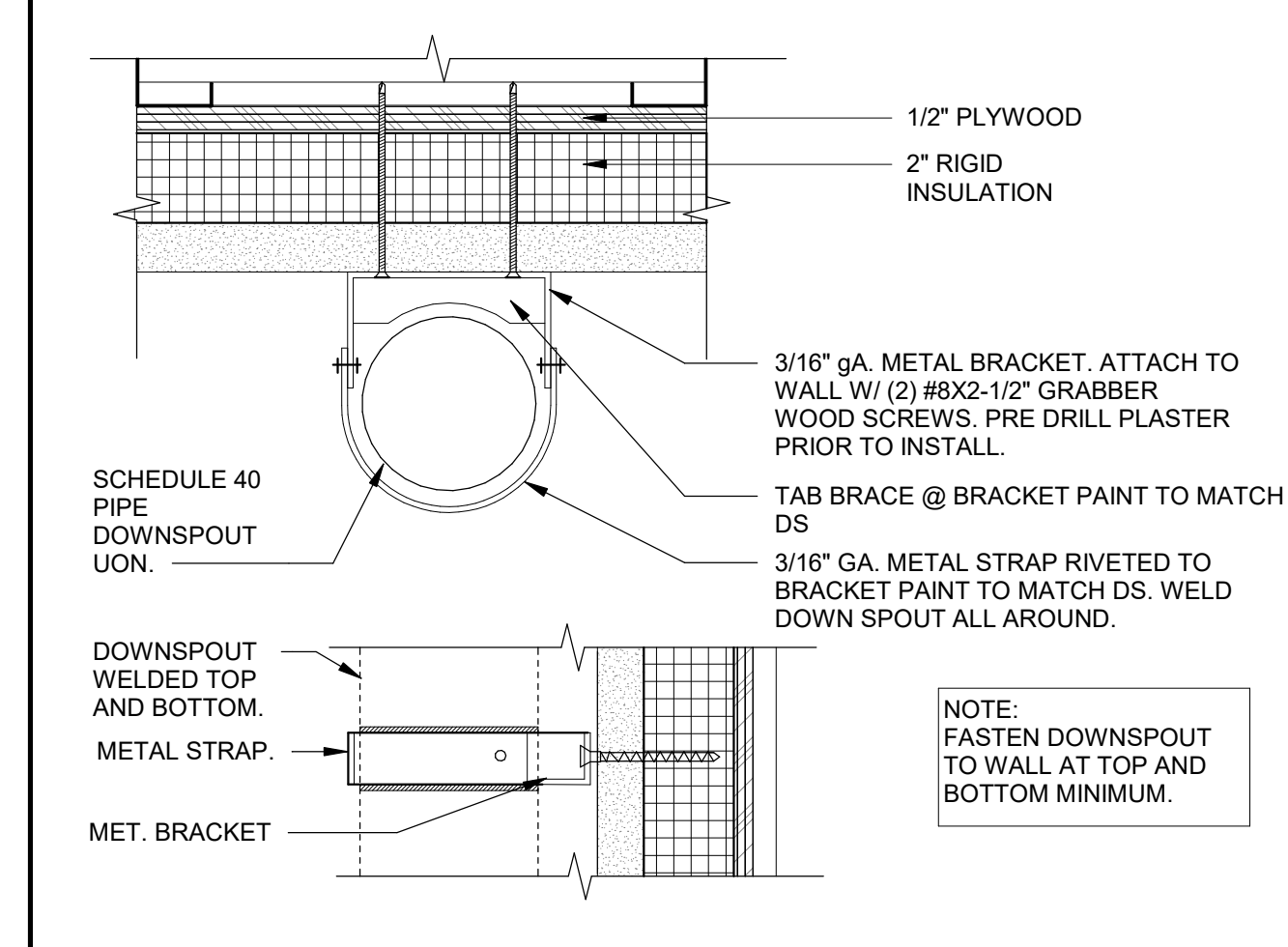
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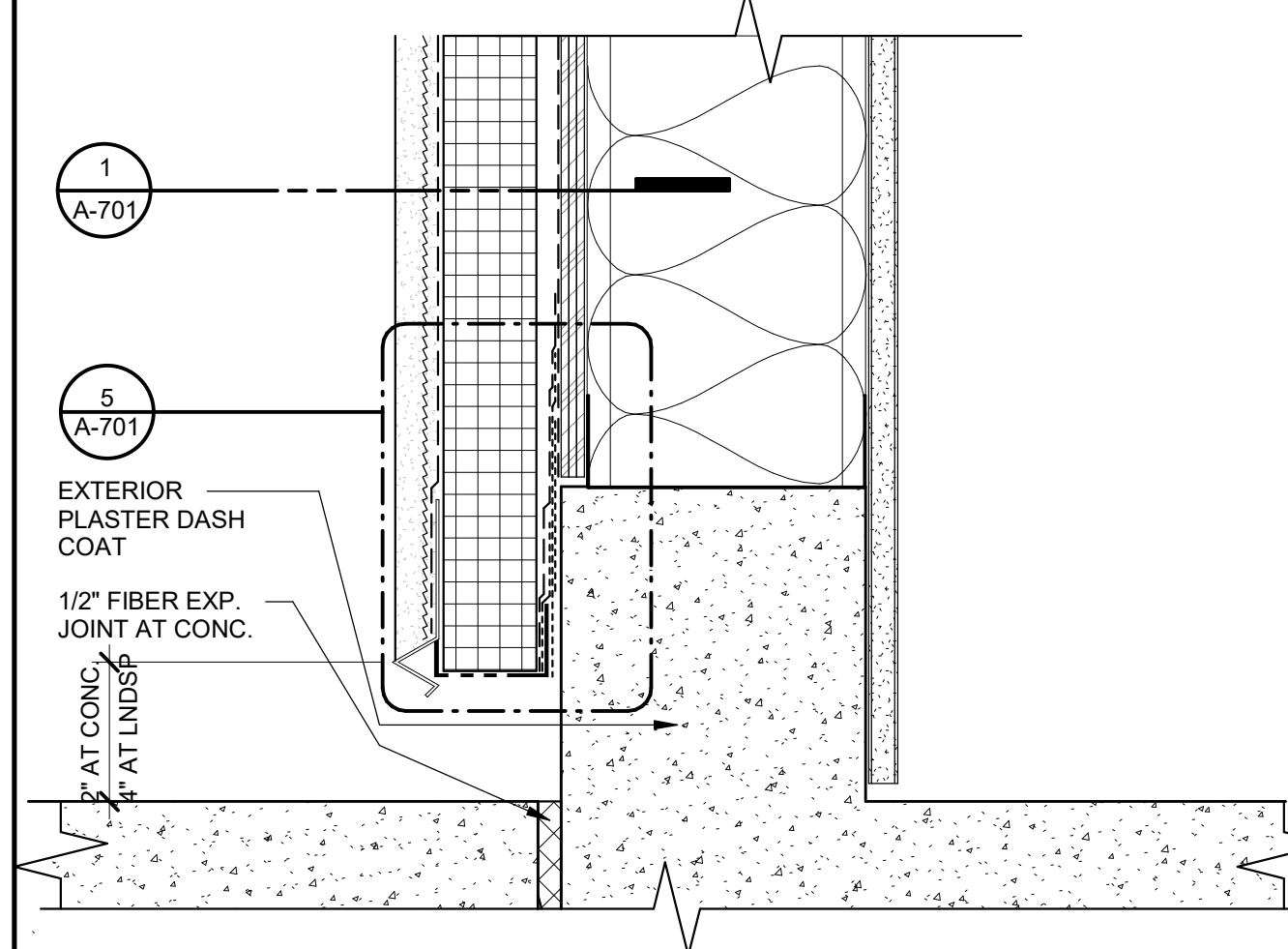
WALL TO ROOF AT CMU BASE 3" = 1'-0" 8



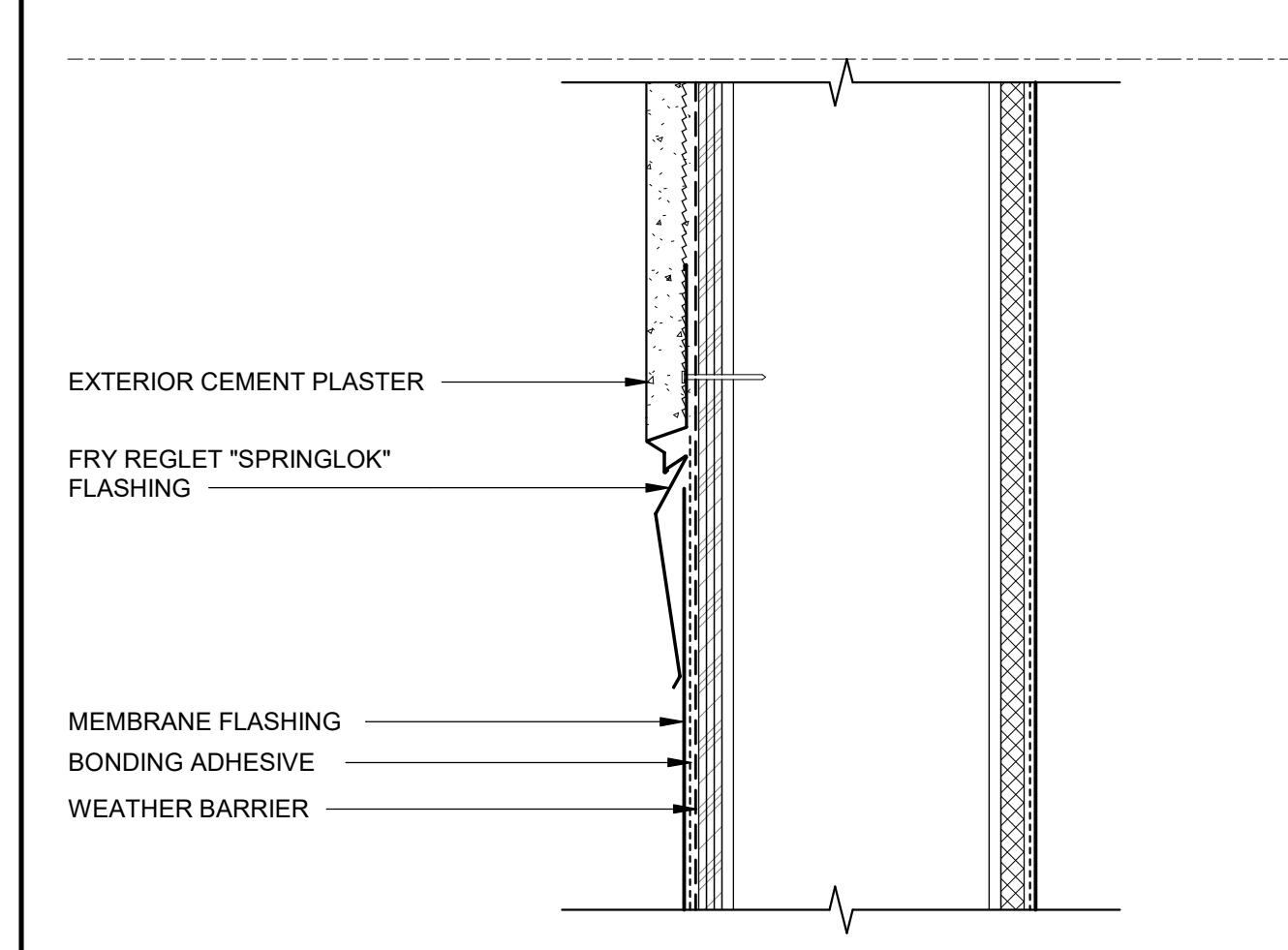
OVERFLOW CMU 3" = 1'-0" 19



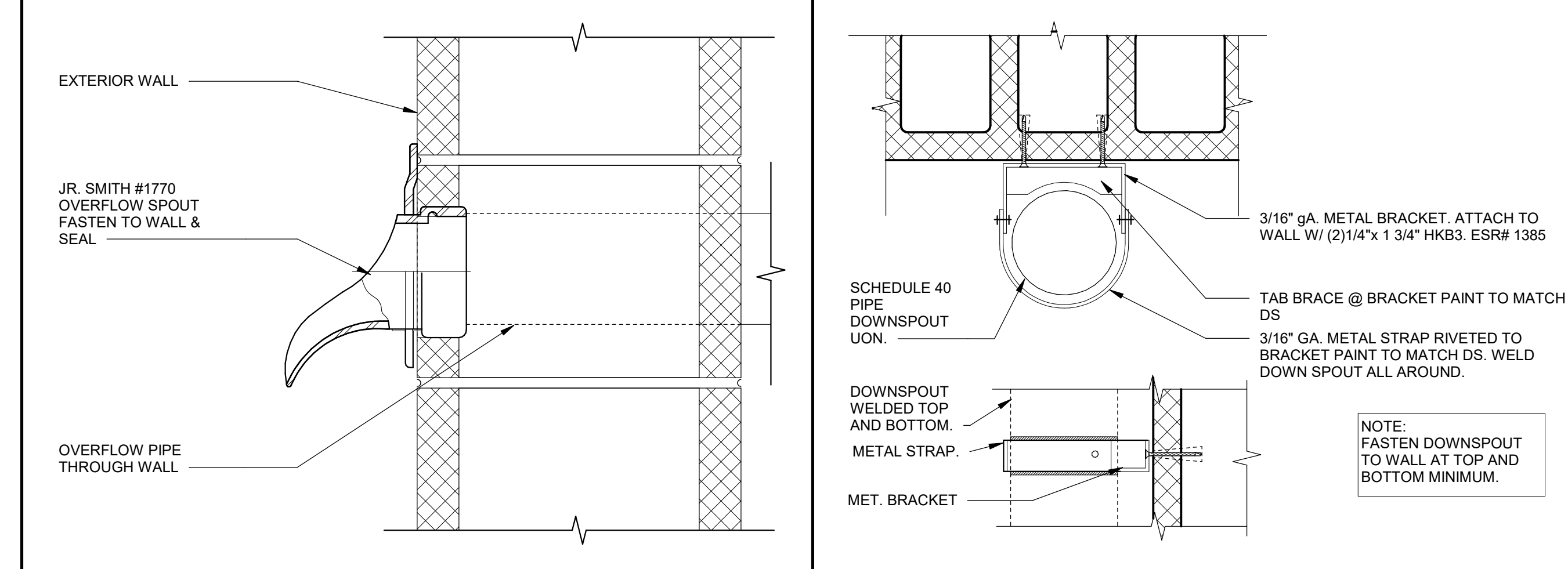
DOWNSPOUT @ CMU WALL 3" = 1'-0" 14



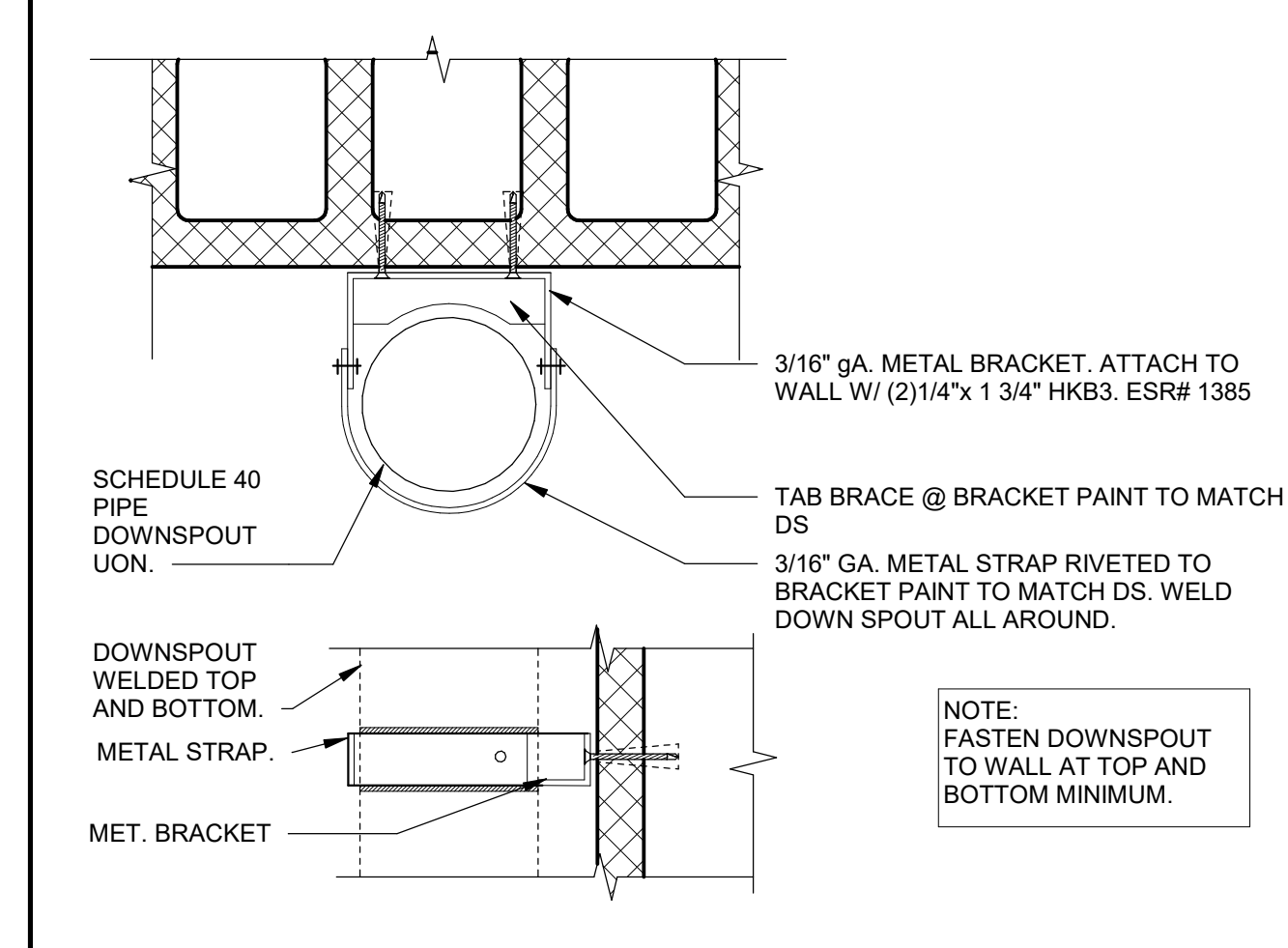
EXTERIOR PLASTER AT GRADE 3" = 1'-0" 4



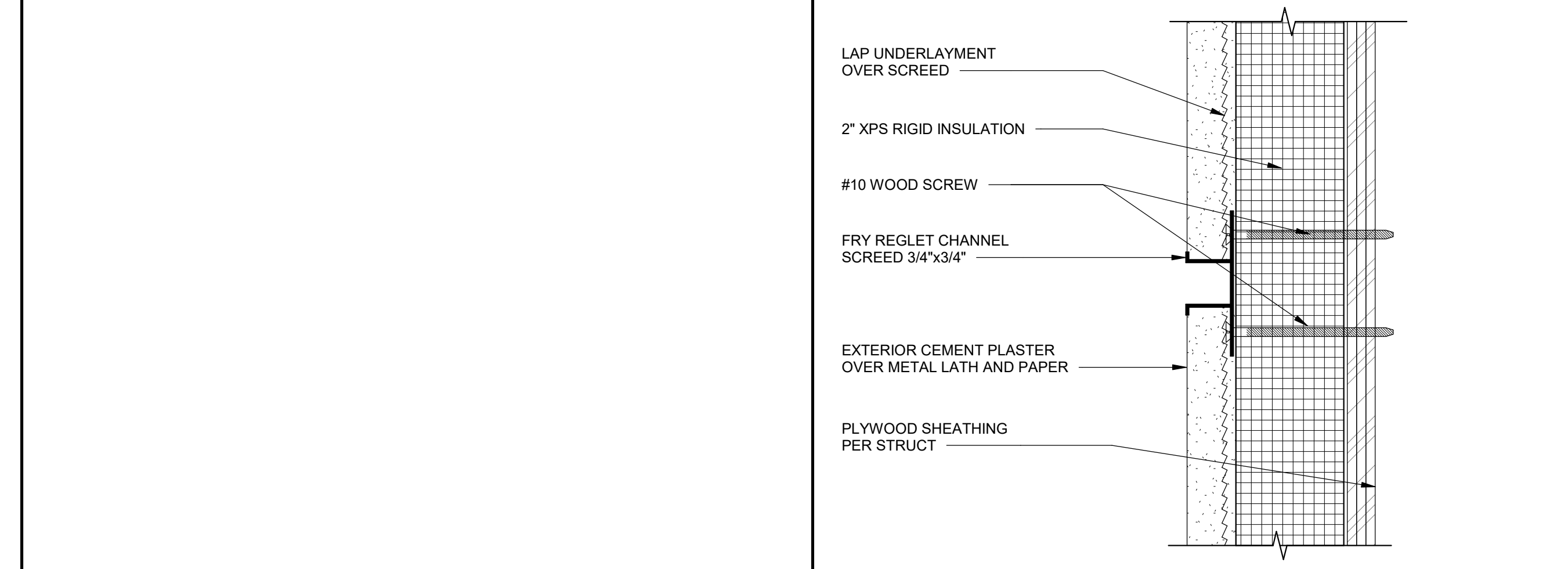
WALL TO ROOF AT FRAMED WALL 3" = 1'-0" 9



EXTERIOR PLASTER REVEAL MTL. 6" = 1'-0" 15



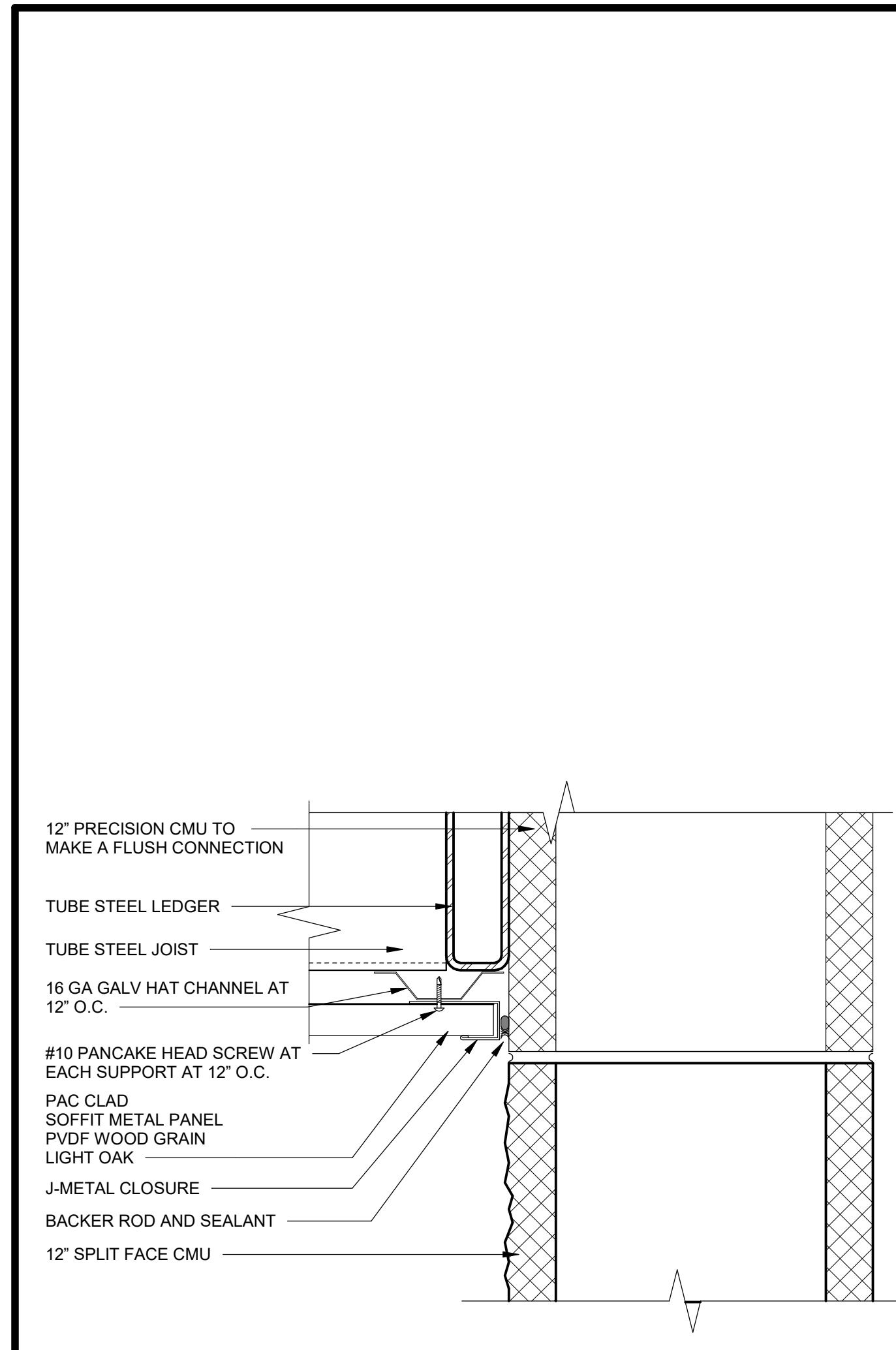
WALL TO ROOF @ FRAMED WALL BASE 3" = 1'-0" 10



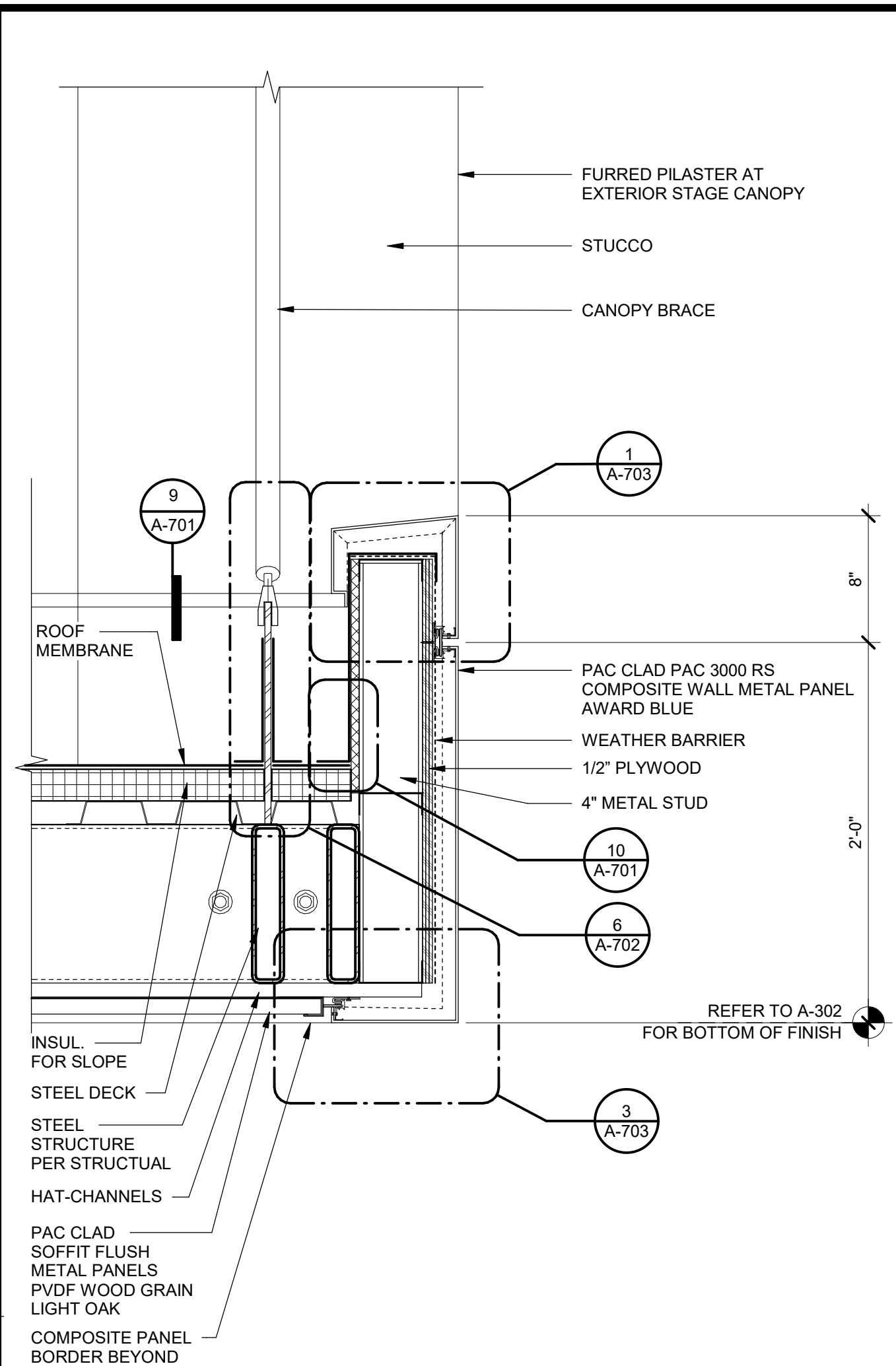
PARAPET LADDER 1" = 1'-0" 25

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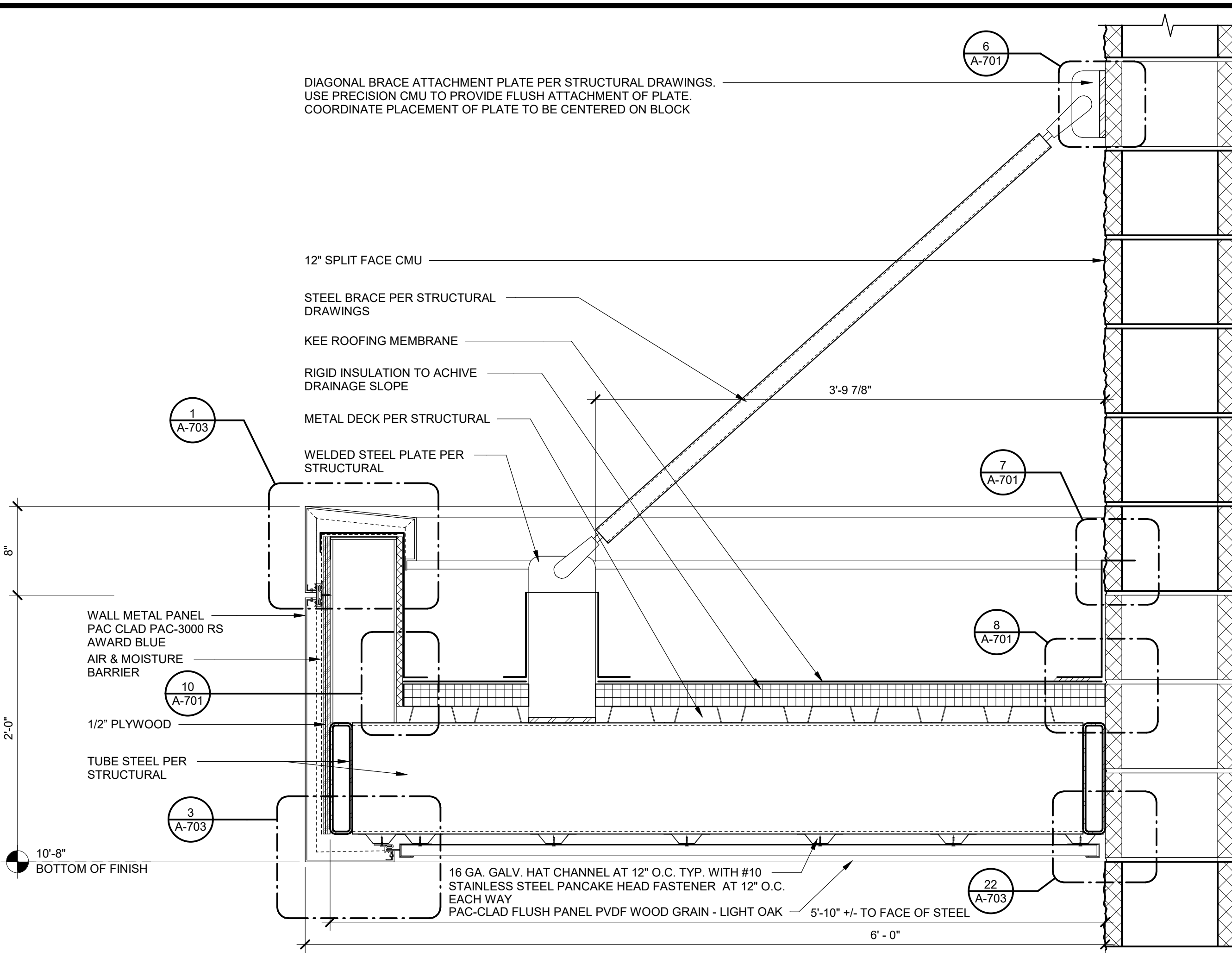
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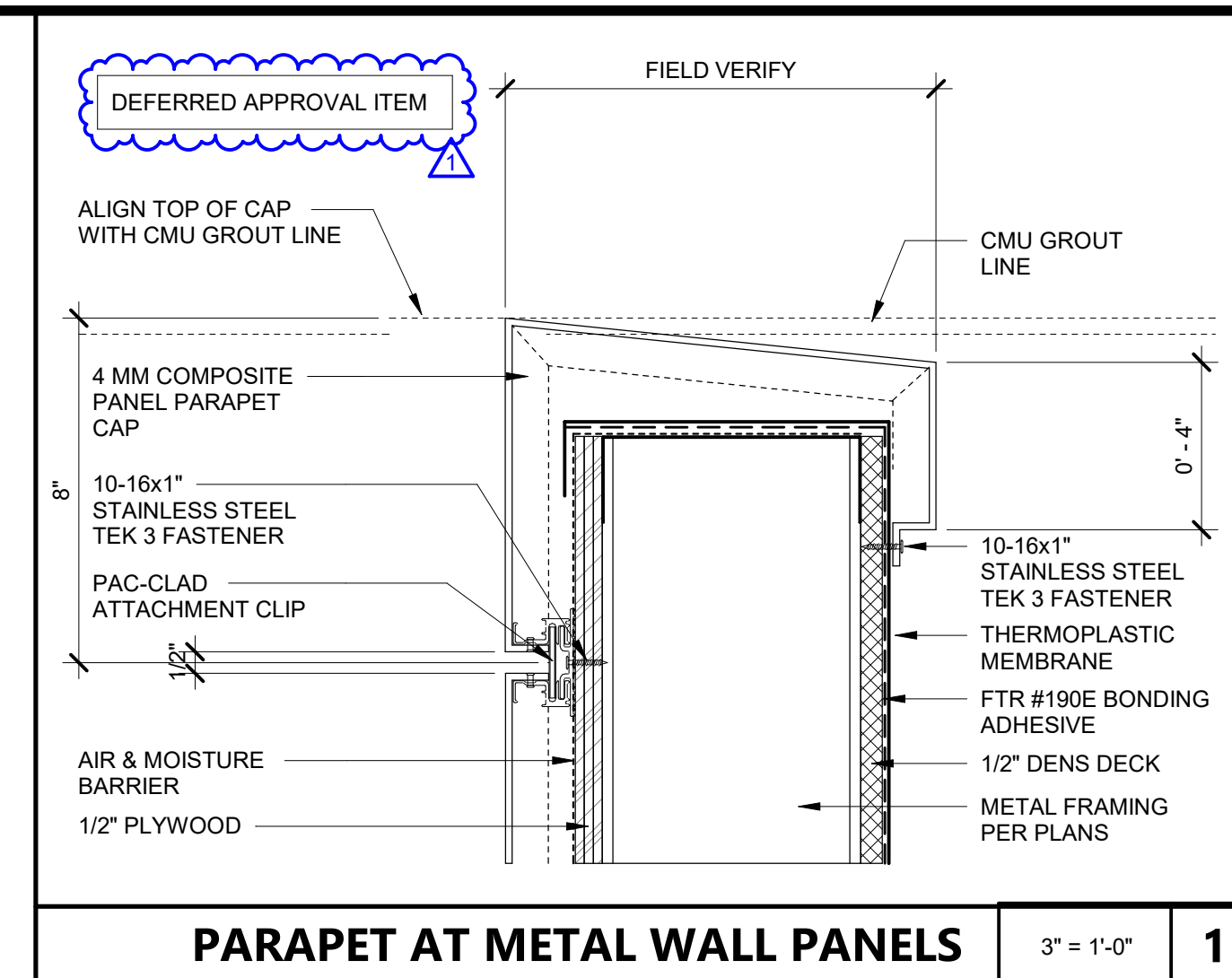
FLUSH METAL SOFFIT PANEL TO WALL 3" = 1'-0" 22



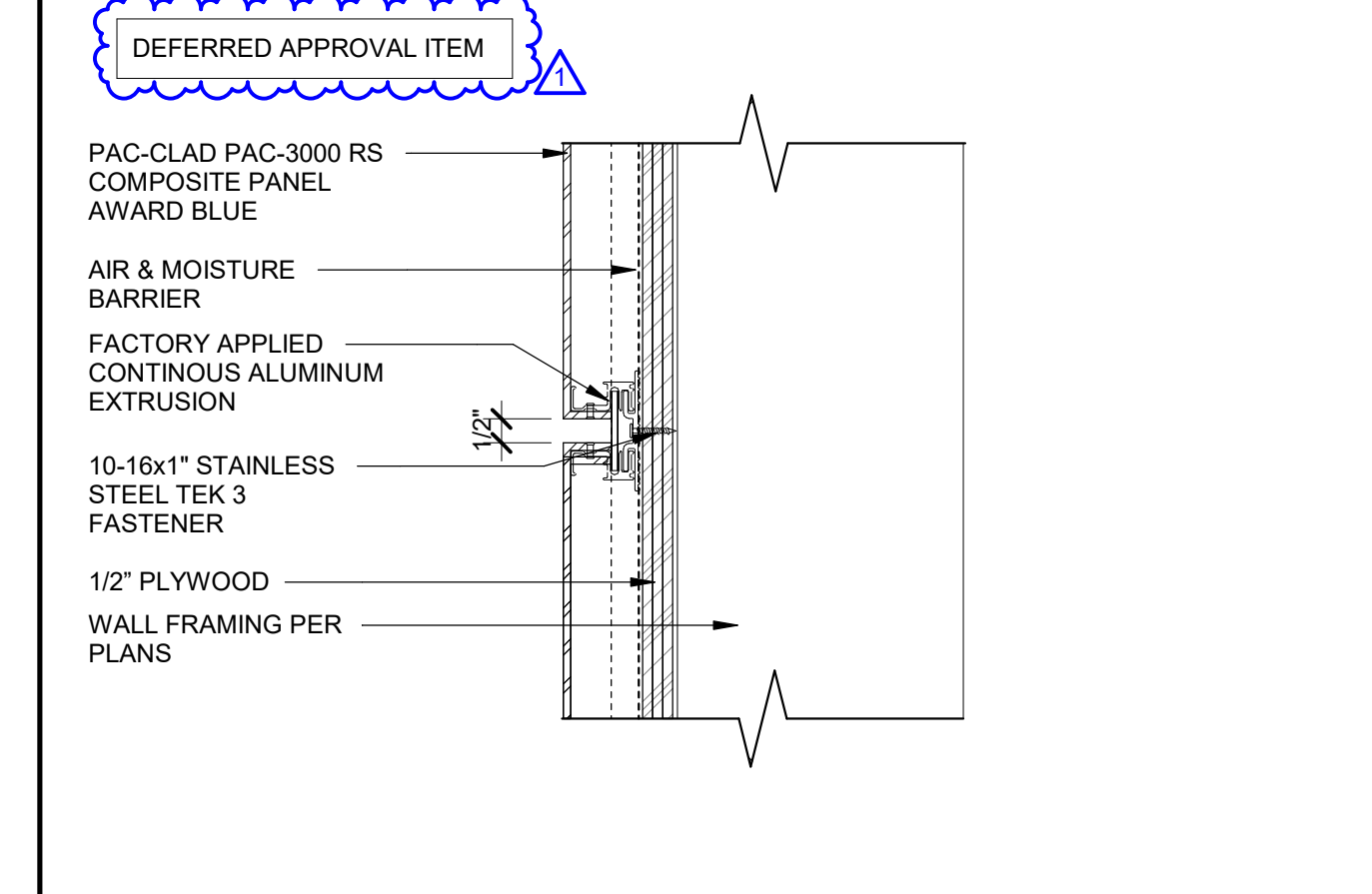
SMALL CANOPY AT CMU - SECTION 1 1/2" = 1'-0" 17



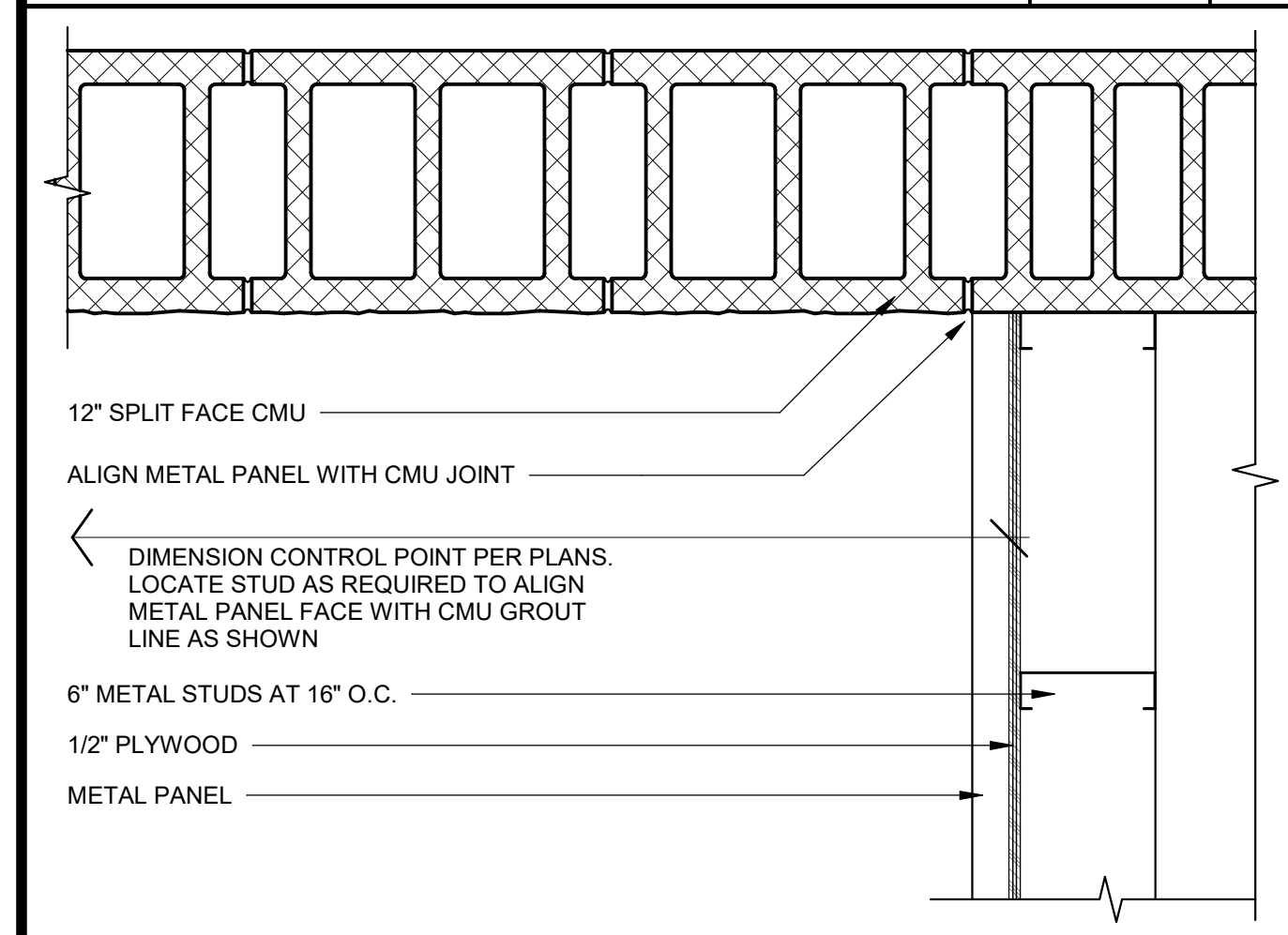
SMALL CANOPY AT CMU - SECTION 1 1/2" = 1'-0" 7



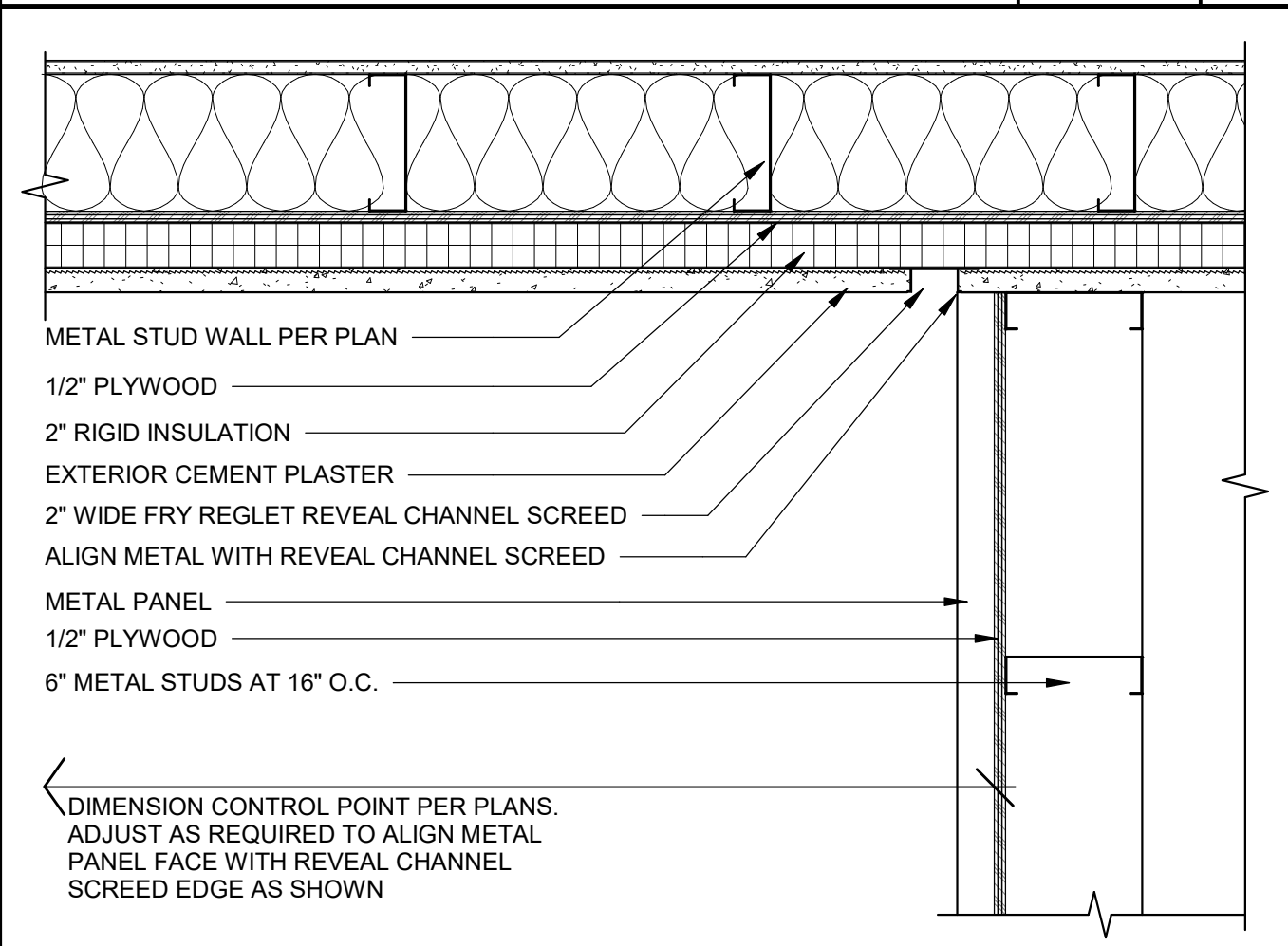
PARAPET AT METAL WALL PANELS 3" = 1'-0" 1



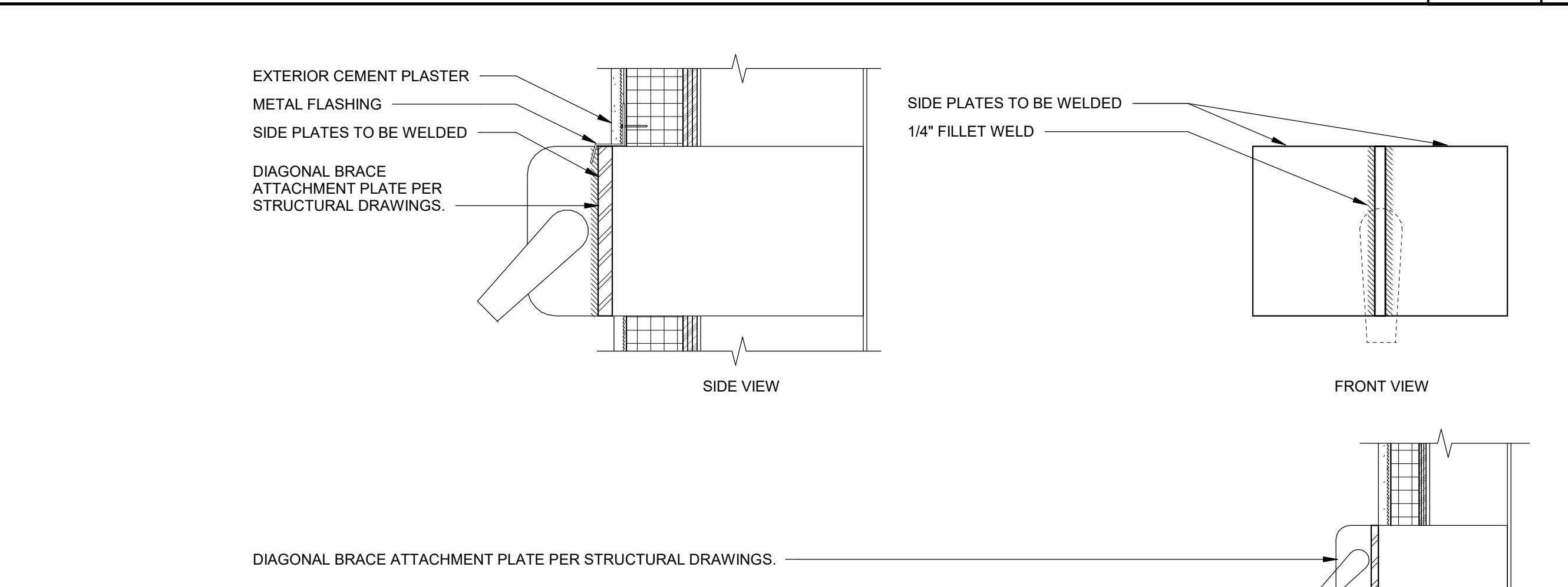
COMPOSITE PANEL JOINT 3" = 1'-0" 2



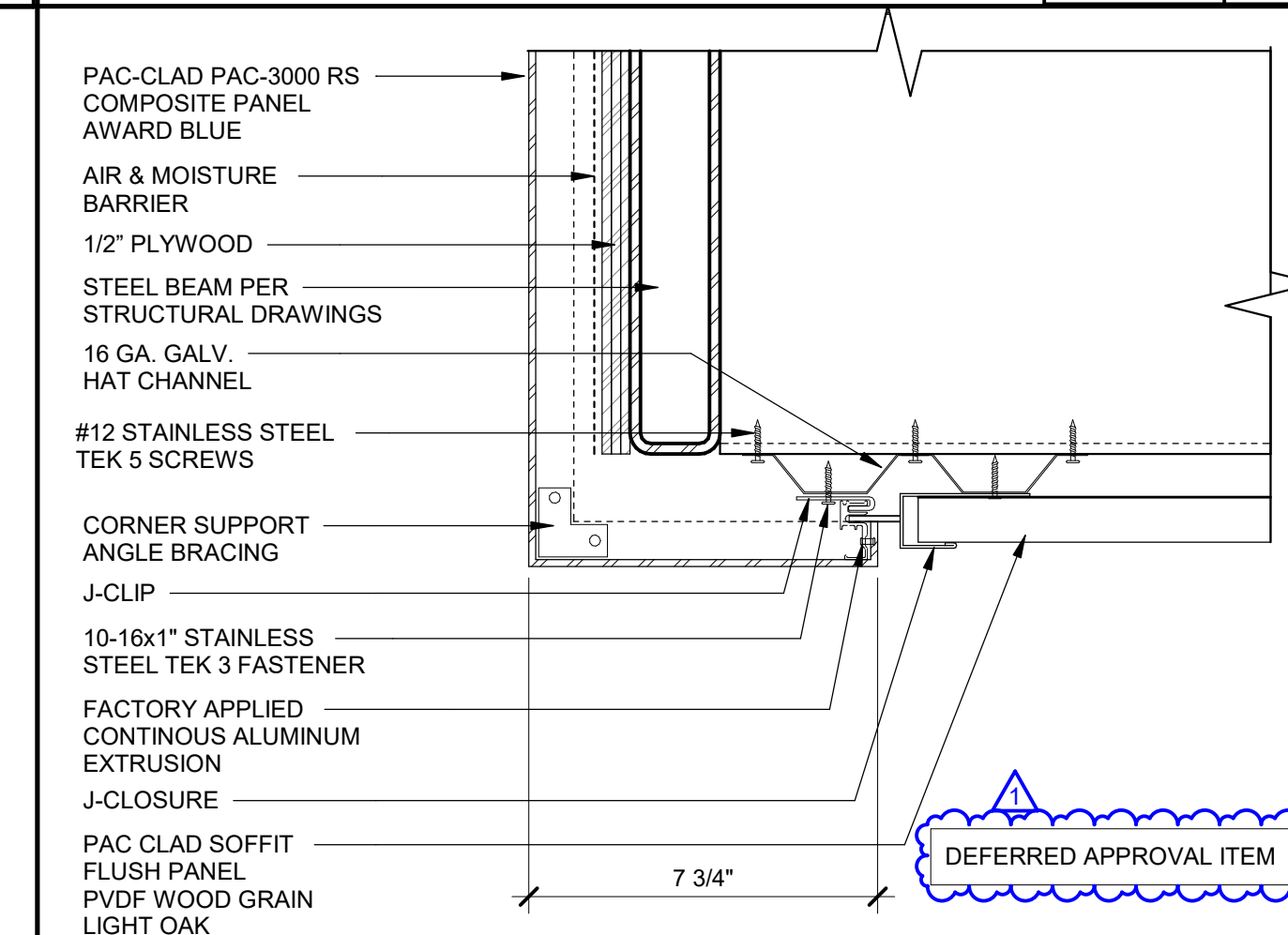
SMALL CANOPY AT CMU - PLAN 1 1/2" = 1'-0" 23



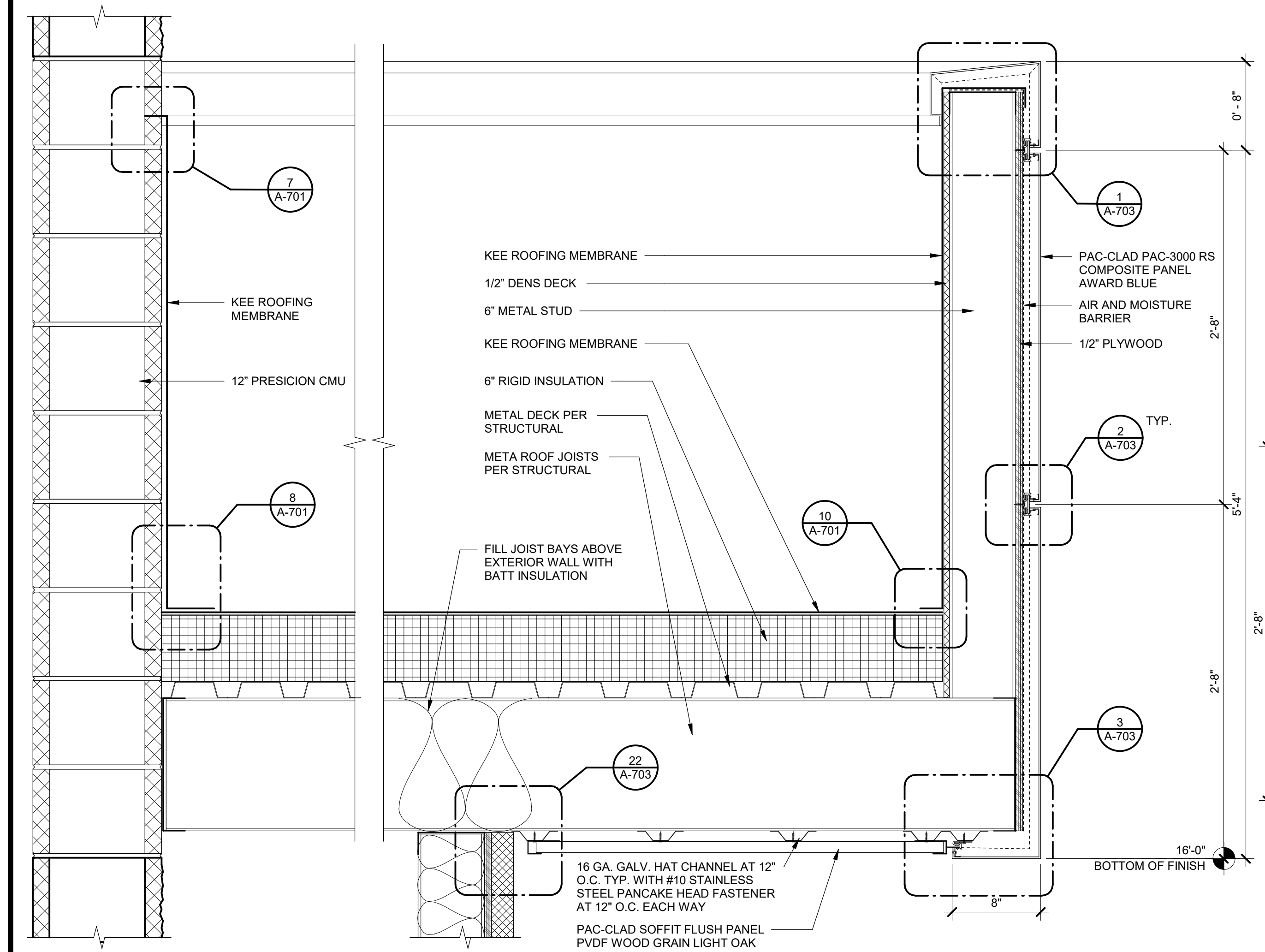
SMALL CANOPY AT STUCCO - PLAN 1 1/2" = 1'-0" 18



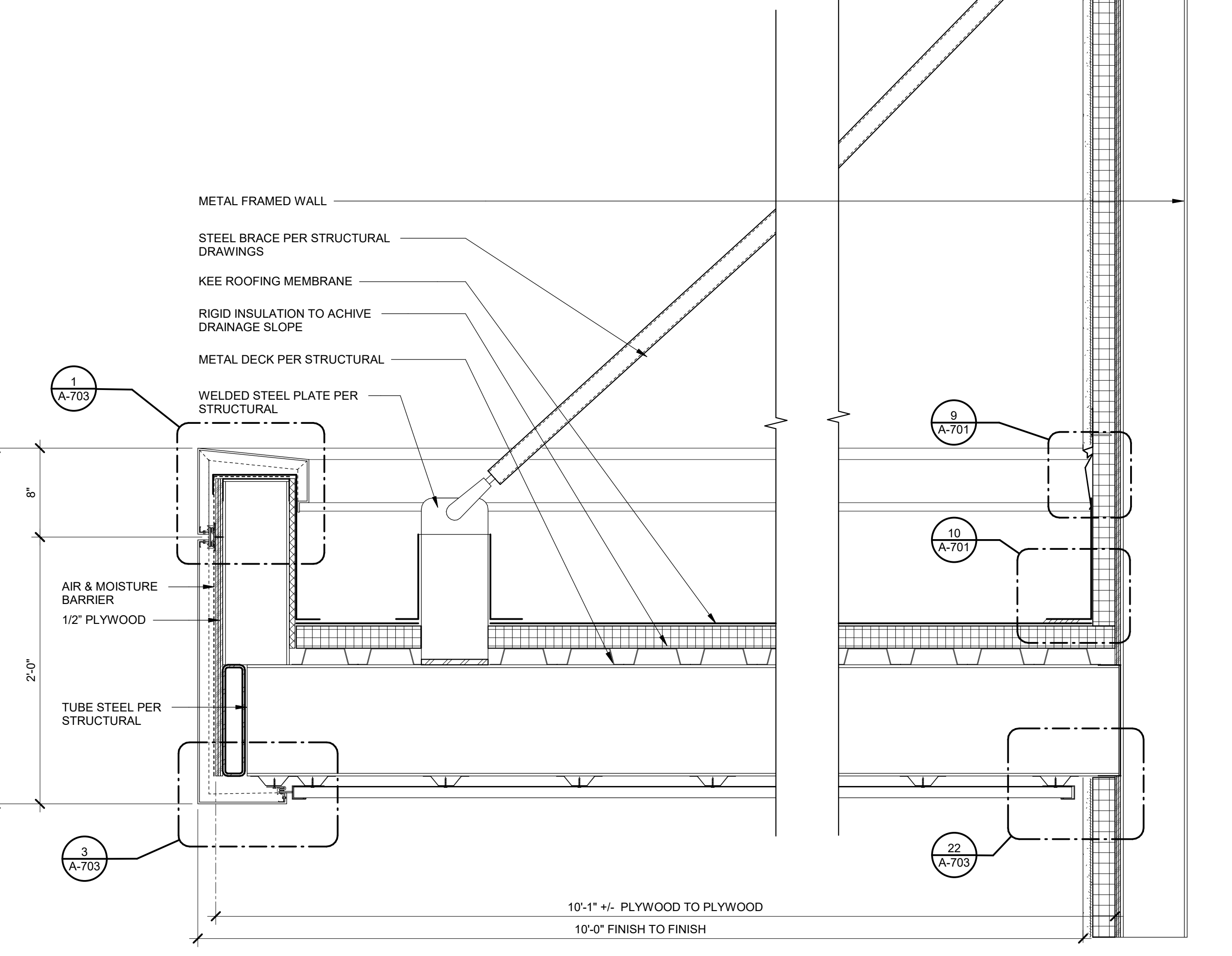
STAGE CANOPY SECTION 1 1/2" = 1'-0" 10



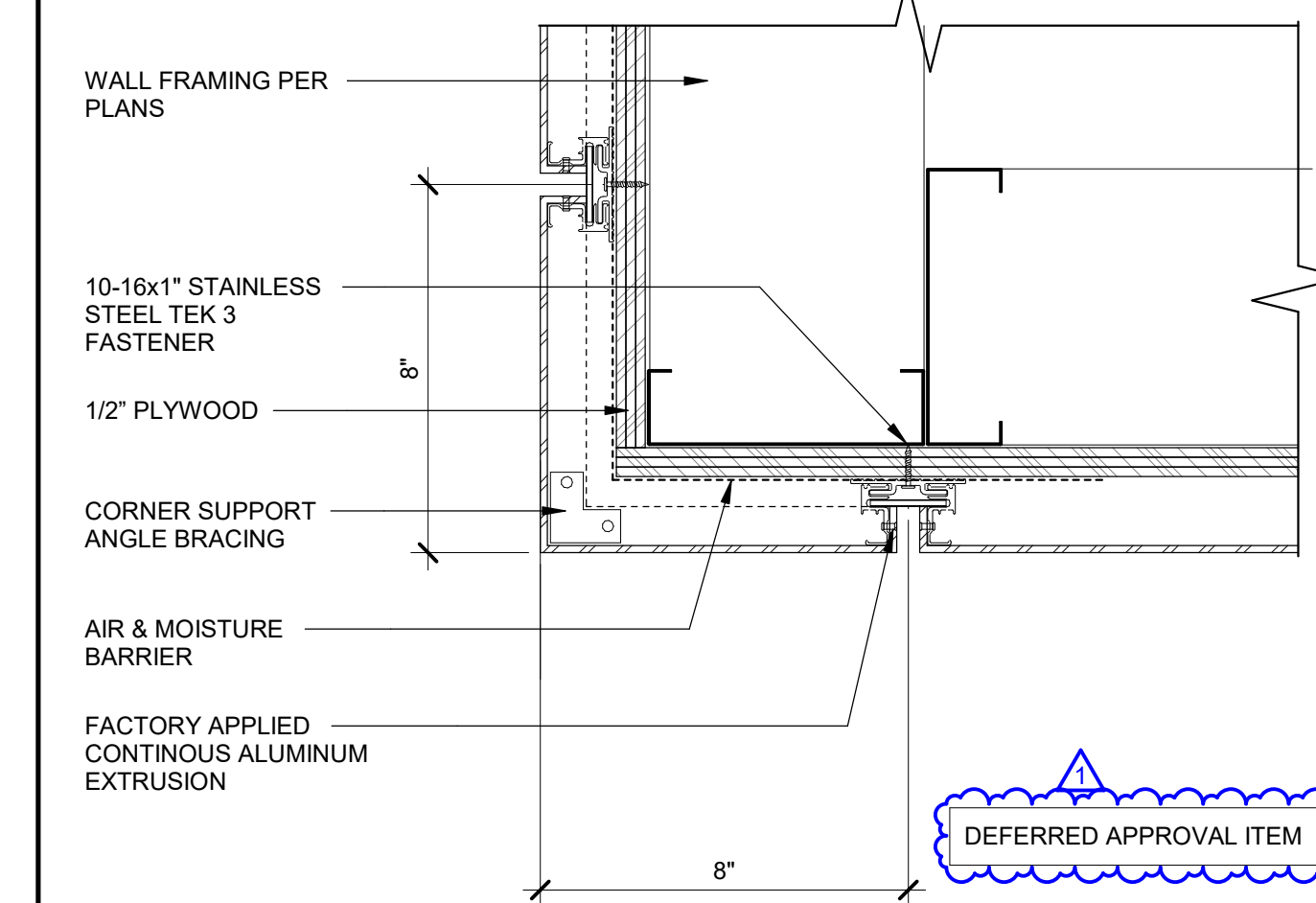
COMPOSITE PANEL SOFFIT 3" = 1'-0" 3



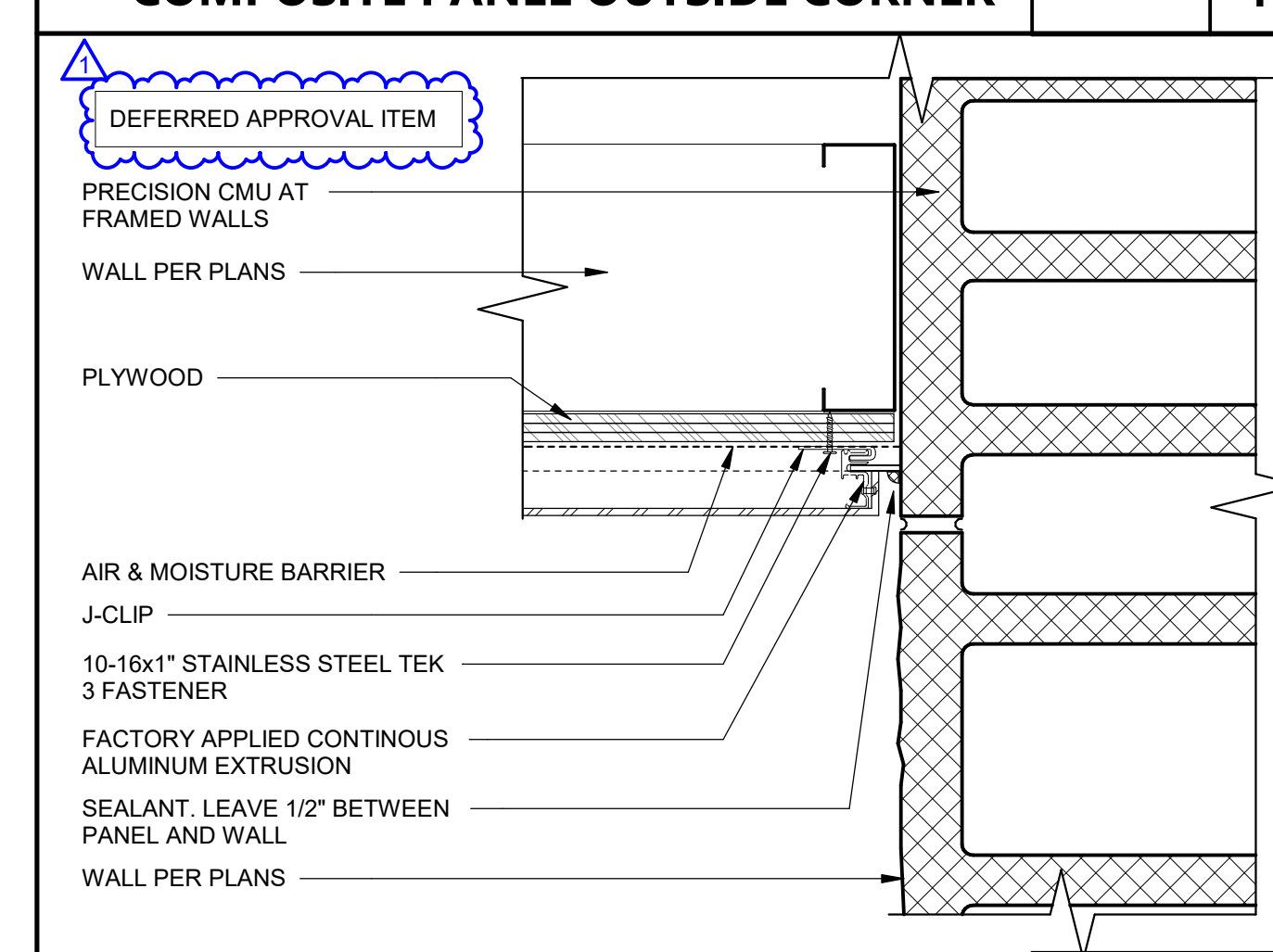
MAIN ENTRY PARAPET OVERHANG - SECTION 1 1/2" = 1'-0" 20



COMPOSITE PANEL AT SIDE WALL 3" = 1'-0" 5



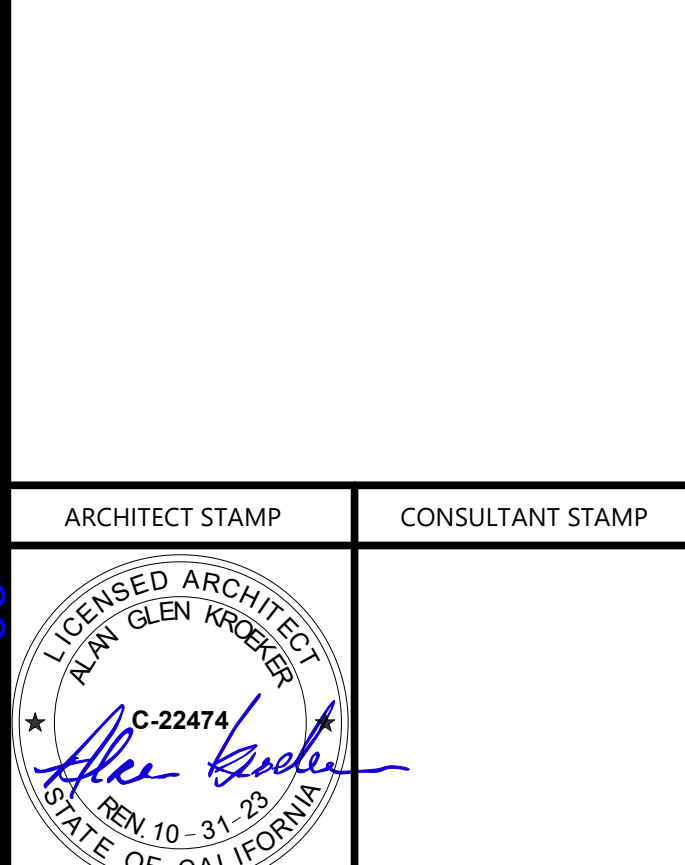
COMPOSITE PANEL OUTSIDE CORNER 3" = 1'-0" 4



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SHEET TITLE
EXTERIOR DETAILS

DRAWN BY: Author JOB NUMBER: 20179.01
 SHEET NO.

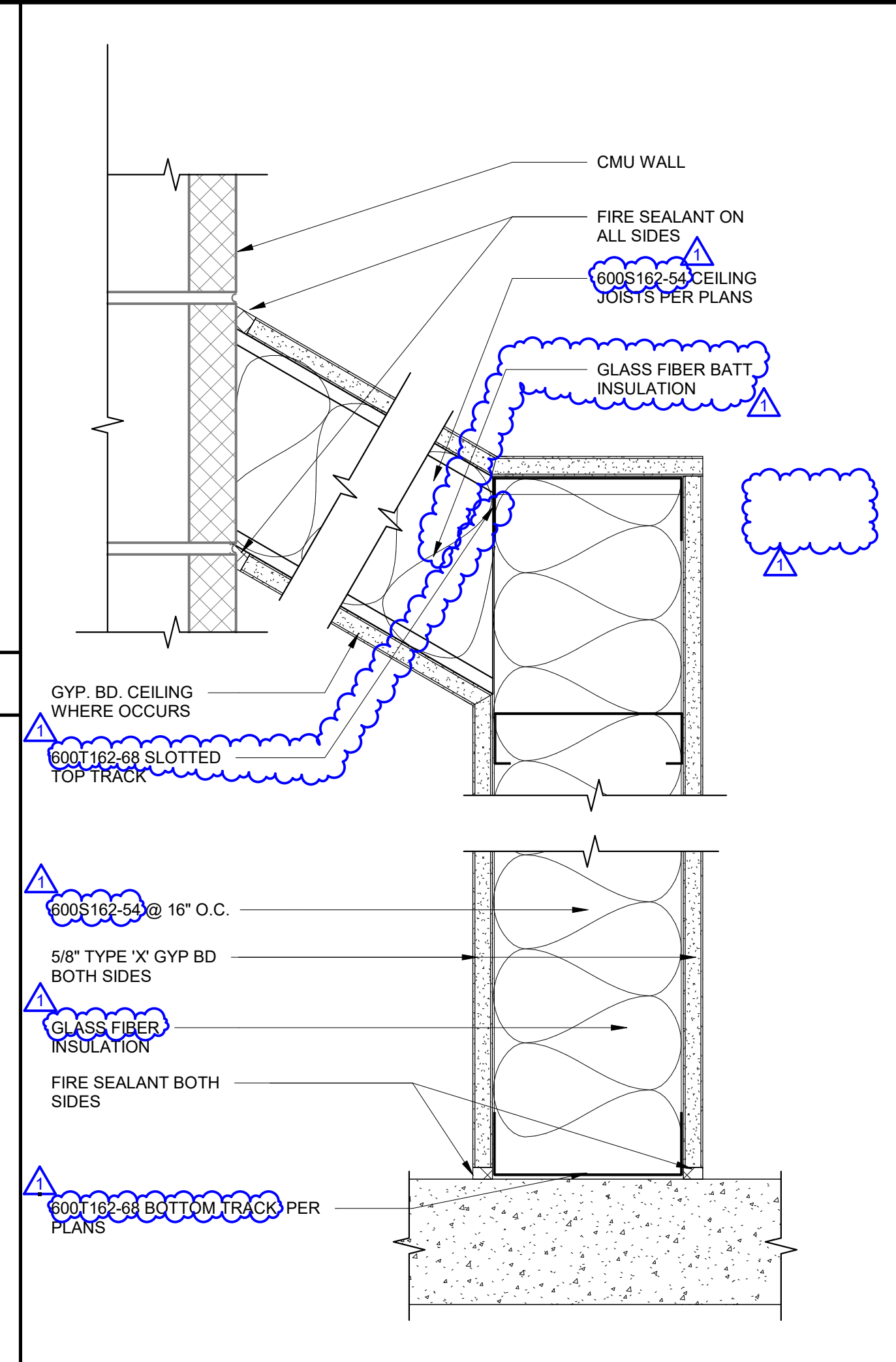
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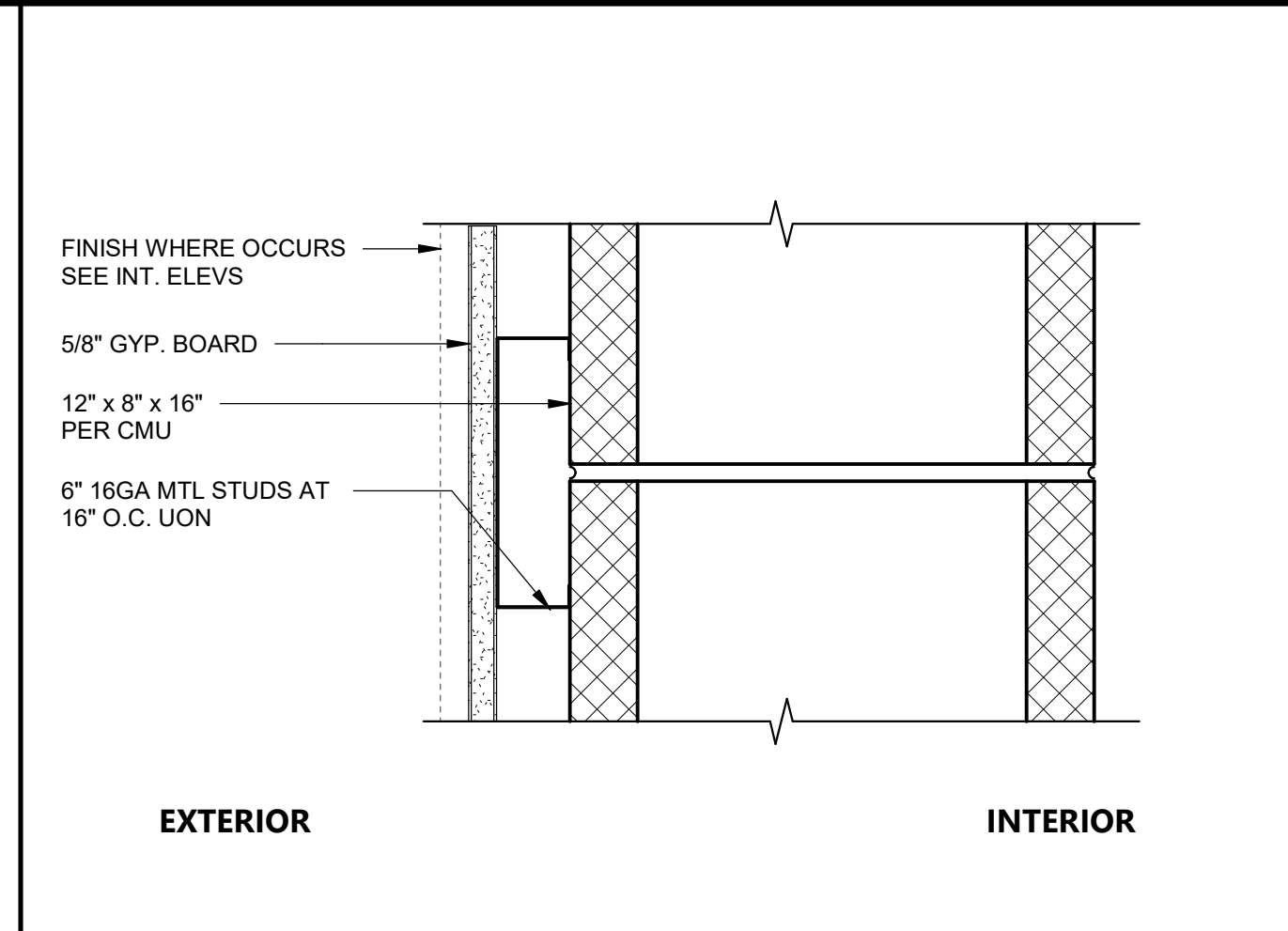


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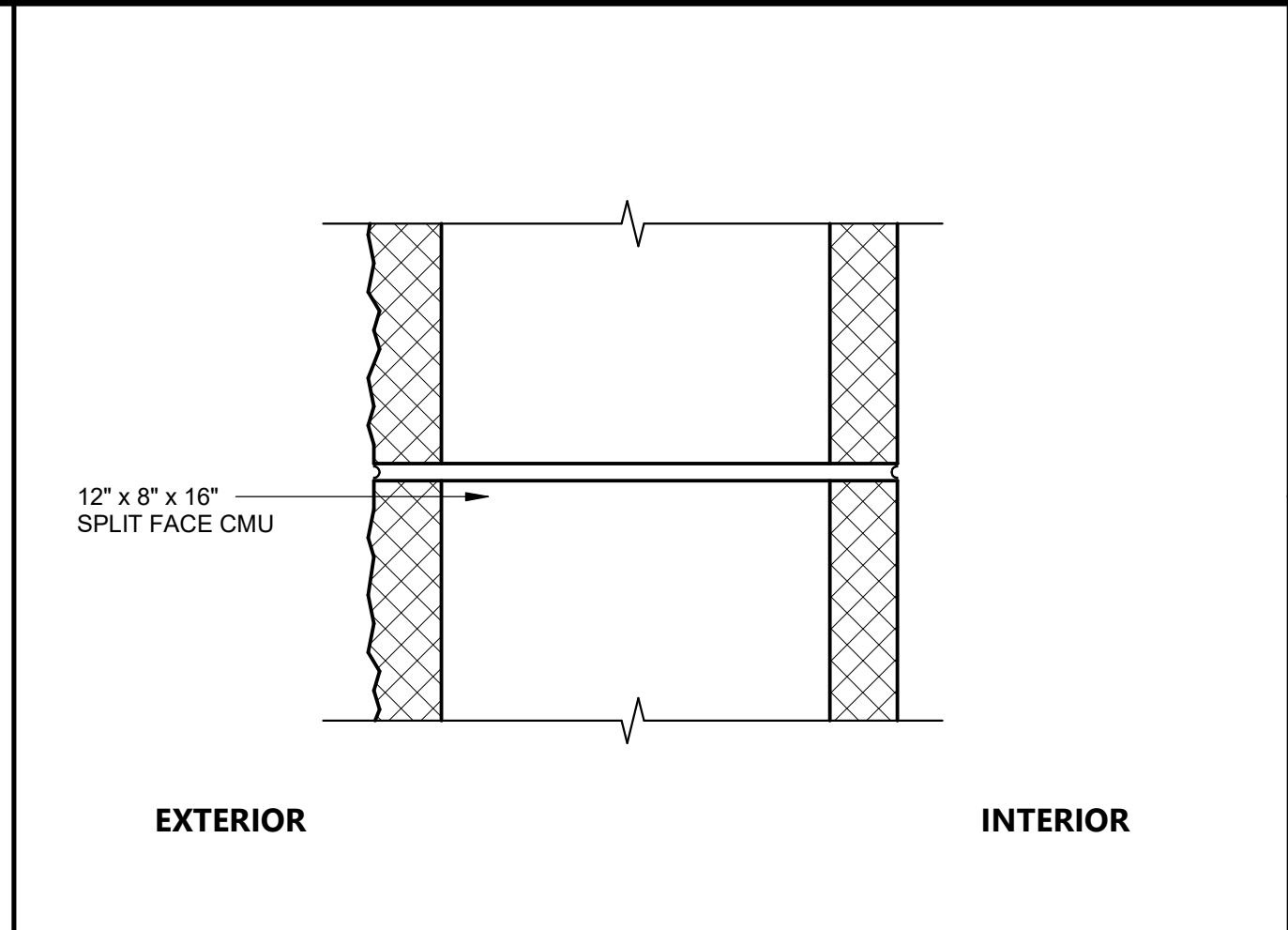
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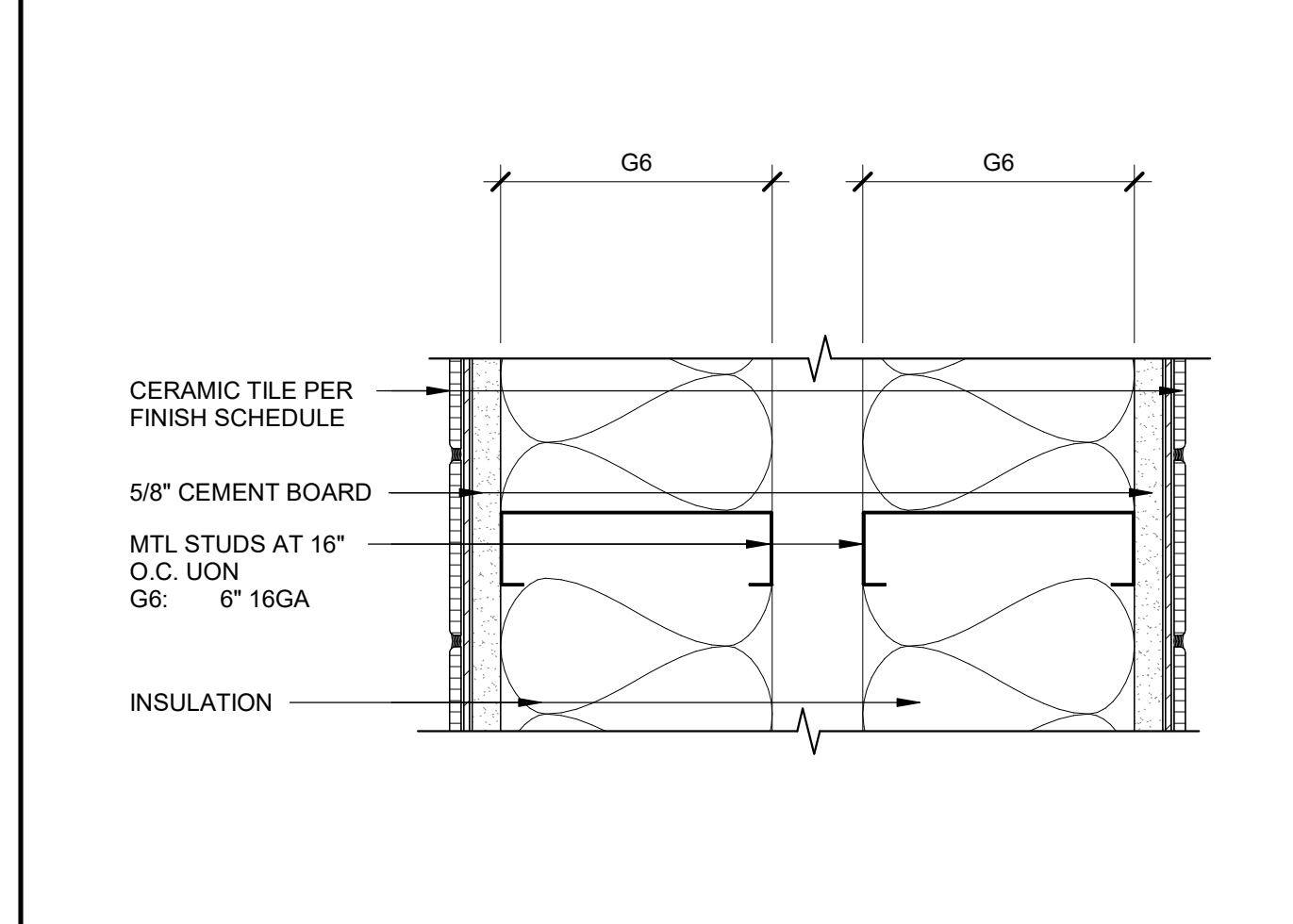
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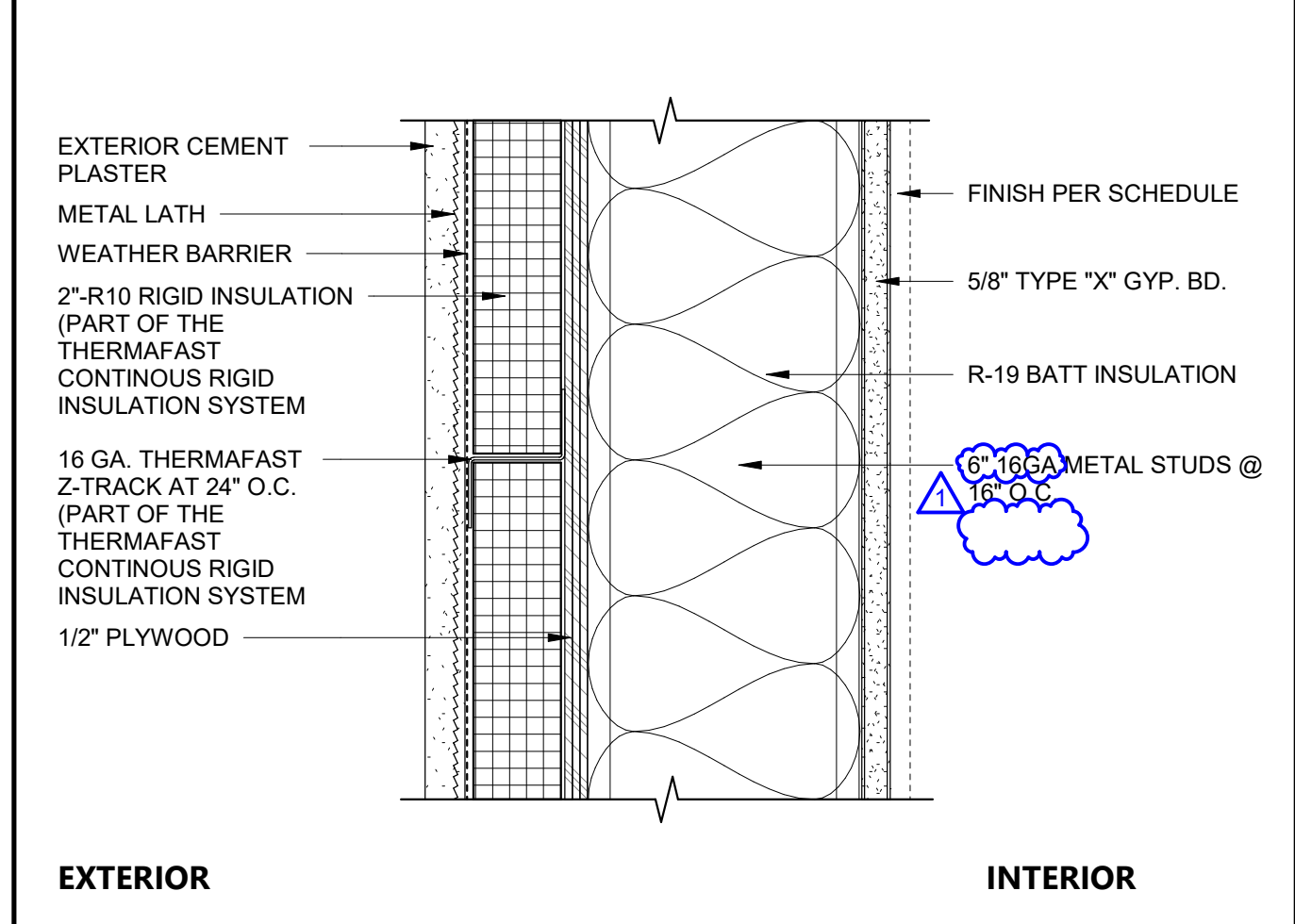
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WALL TYPE 'A' 3" = 1'-0" **A**



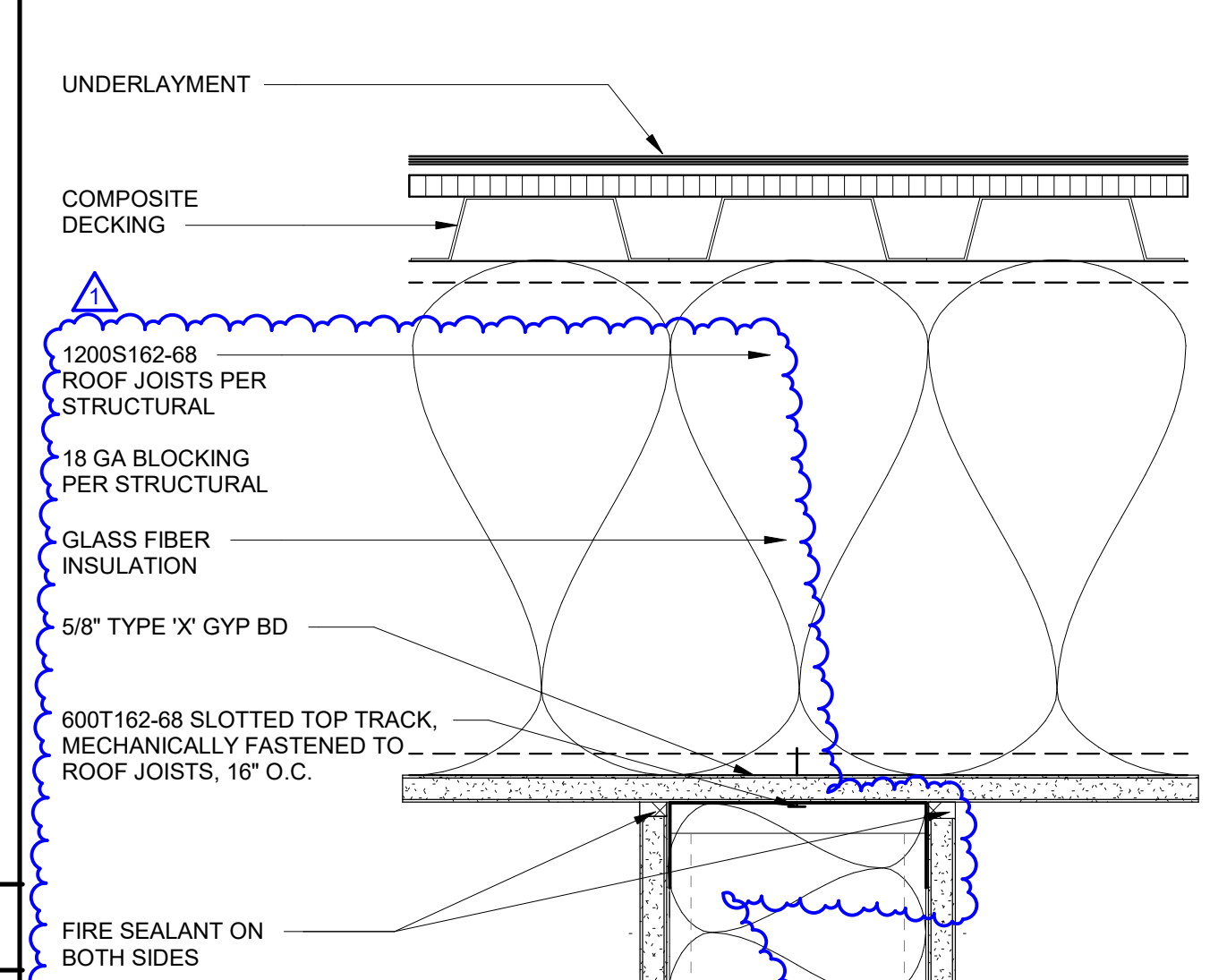
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WALL TYPE 'B' 3" = 1'-0" **B**



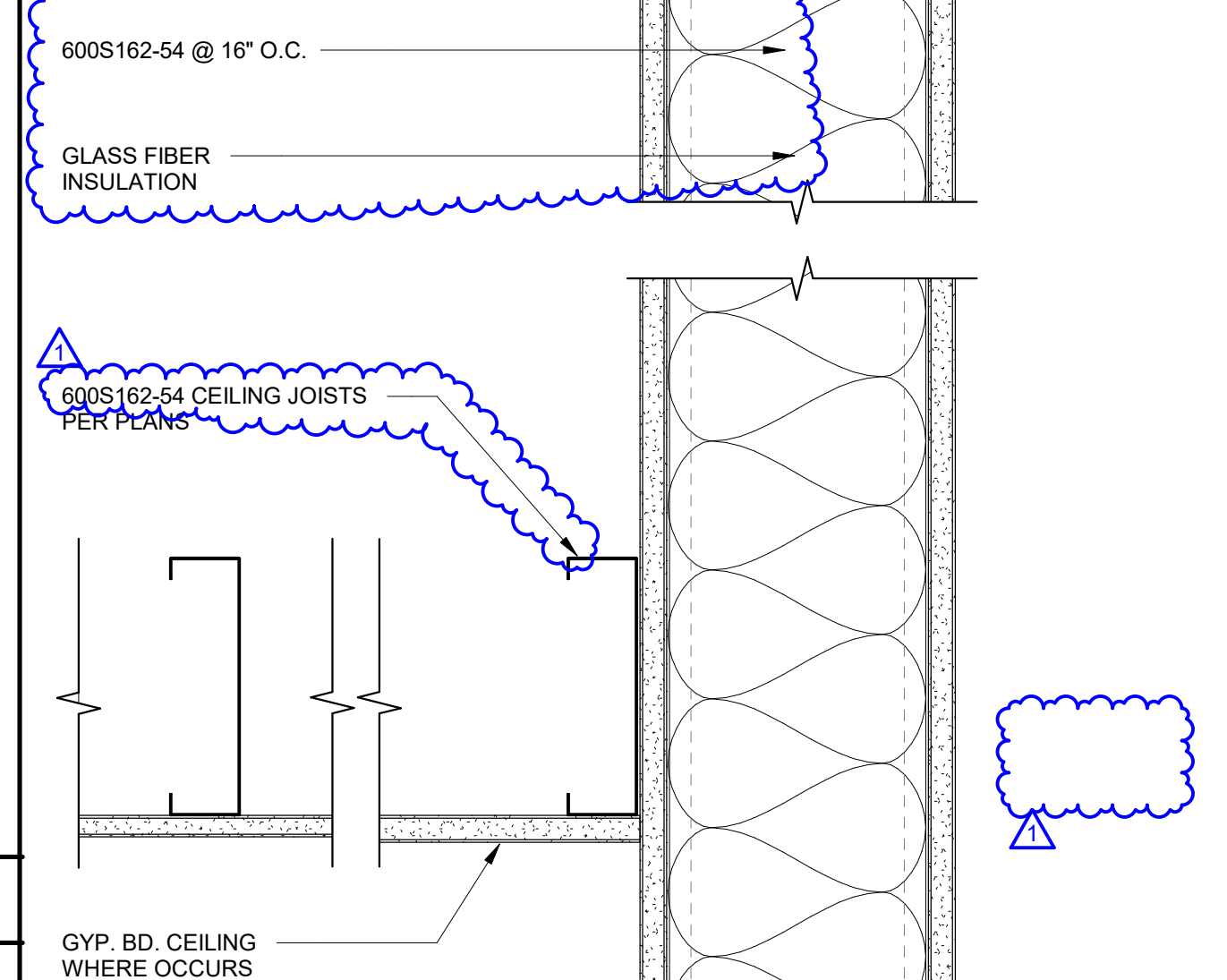
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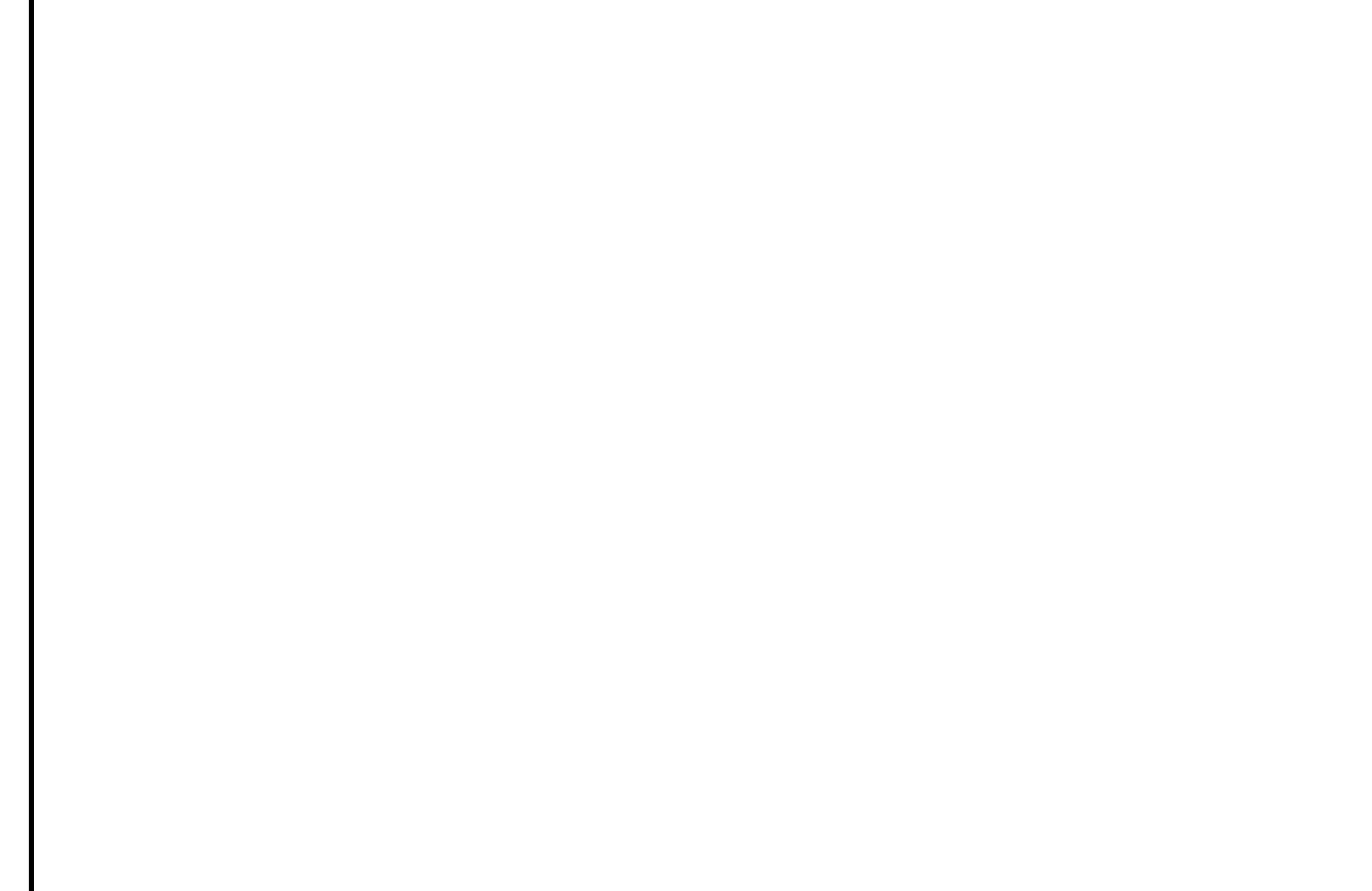
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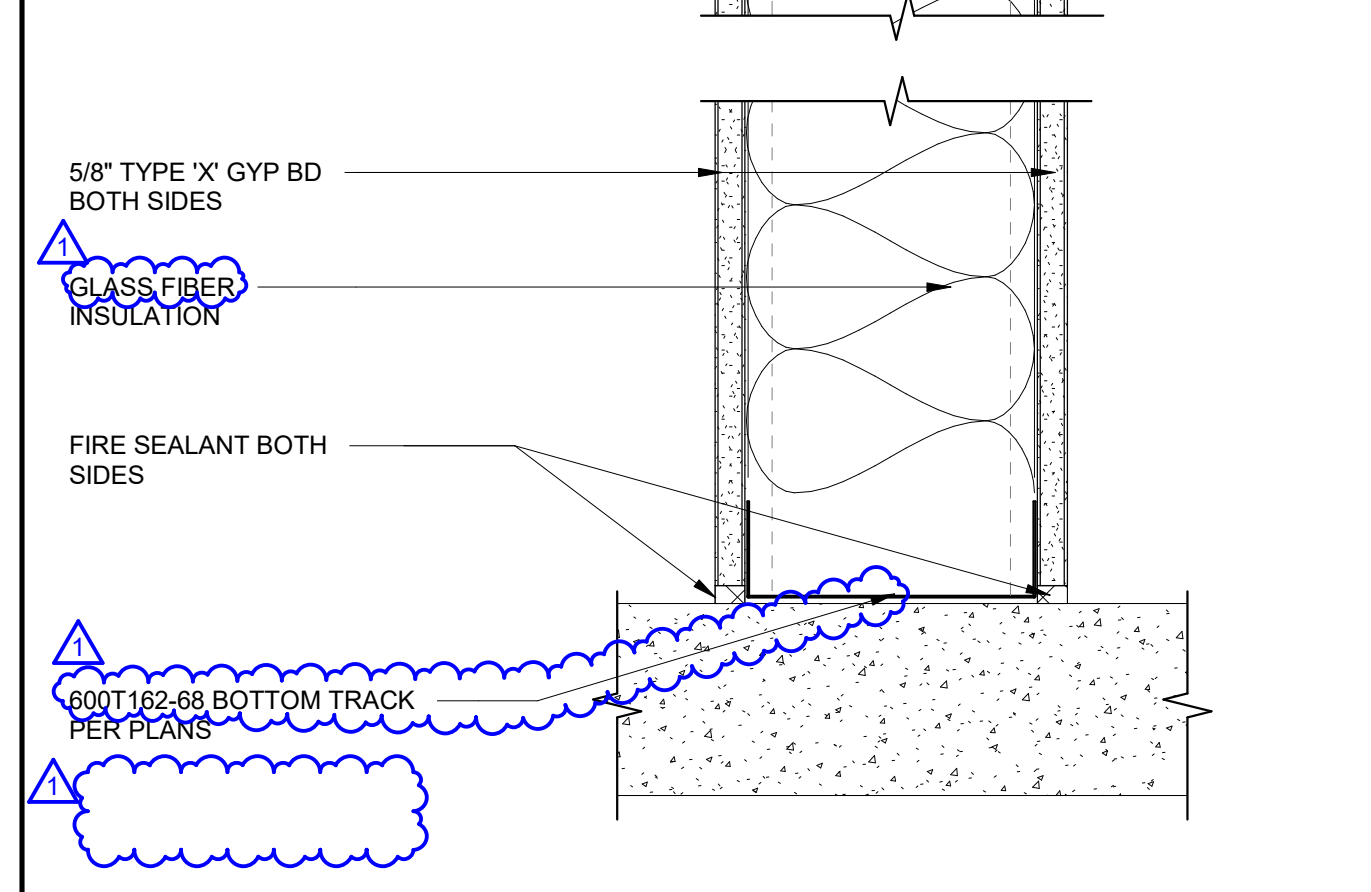
WALL TYPE 'H' 1HR PARTITION 3" = 1'-0" **H**



WALL TYPE 'D' 3" = 1'-0" **D**



WALL TYPE 'E' 3" = 1'-0" **E**



WALL TYPE 'E' 3" = 1'-0" **E**

ARCHITECT STAMP: **ALAN GLEN FREDER** (Professional Seal)
CONSULTANT STAMP: **ALAN GLEN FREDER** (Professional Seal)

REVISIONS

NO.	DATE	DESCRIPTION
1	04-19-2022	Addendum 1

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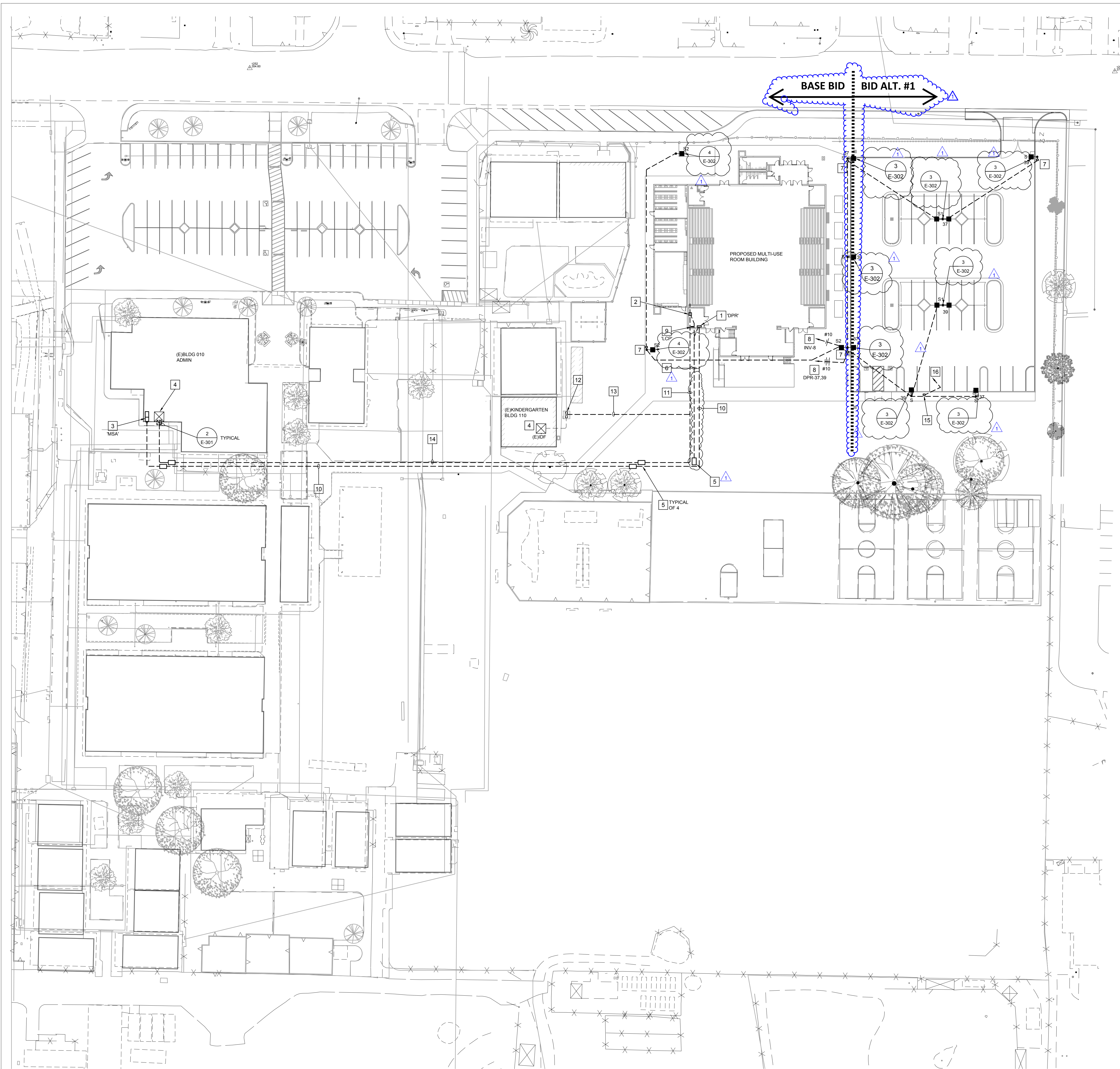
PROJECT OWNER & TITLE
ORCUTT UNION SCHOOL DISTRICT
500 Dyer Street
Orcutt, CA 93455

ORCUTT ACADEMY HS MUR BUILDING
610 Pinal Avenue
Orcutt, CA 93455

SHEET TITLE
WALL TYPES

DRAWN BY: XX JOB NUMBER: 20179.01

SHEET NO.
A-901
DATE: APRIL 5, 2022



REFERENCE NOTES

1. DISTRIBUTION PANEL 'DPR', SEE SINGLE LINE DIAGRAM.
2. DATA DISTRIBUTION RACK, SEE SHEET E-501.
3. EXISTING MAIN SWBD MSA, SEE SINGLE LINE DIAGRAM.
4. CAMPUS EXISTING LOW VOLTAGE SYSTEMS HEAD END / IDF EQUIPMENT, SEE SHEET E-501.
5. 3' X 5' CONCRETE PULLBOX, SEE MOUNTING DETAIL 9/E-301.
6. PROVIDE (2) 2" C.O. FROM DATA RACK AND (2) 2" C.O. FROM DISTRIBUTION PANEL DPR, STUB AND CAP CONDUITS FOR FUTURE USE.
7. 11" X 17" CONCRETE PULLBOX, PROVIDE WITH STEEL CHECKER PLATE LID WITH HOLD DOWN BOLTS, MOUNT FLUSH IN GRADE, SET OVER 12" OF CRUSHED ROCK.
8. ROUTE BRANCH CIRCUITS THROUGH LIGHTING CONTROL PANEL 'LCP', SEE LIGHTING CONTROL PANEL SCHEDULE ON SHEET E-303.
9. LIGHTING CONTROL PANEL 'LCP', SEE SHEET E-303.
10. UNDERGROUND FEEDER FROM MAIN SWBD MSA TO NEW DISTRIBUTION PANEL DPR, SEE SINGLE LINE DIAGRAM.
11. (3) 4" COMMUNICATION SYSTEM CONDUITS, SEE COMMUNICATIONS RISER DIAGRAM FOR CABLING.
12. EXISTING COMMUNICATIONS PEDESTAL.
13. (1) 4" COMMUNICATION SYSTEM CONDUIT, SEE COMMUNICATIONS RISER DIAGRAM FOR CABLING.
14. (2) 4" COMMUNICATION SYSTEM CONDUITS, SEE COMMUNICATIONS RISER DIAGRAM FOR CABLING.
15. 11" X 17" U.L. LISTED FLUSH IN GRADE PULLBOX FOR FUTURE EVCS POWER.
16. (1) 2" C.O. TO PANEL DPR FOR FUTURE EVCS POWER CONNECTION, TERMINATE CONDUIT IN PULLBOX AS SHOWN.

CONDUIT LEGEND

- NEW
- EXISTING TO REMAIN

SITE PLAN GENERAL NOTES

- A. TRENCHING AND BACKFILLING FOR ALL CONDUIT SYSTEMS SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. ALL CONDUITS SHALL HAVE MINIMUM COVER REQUIREMENTS AS SPECIFIED IN CEC 300-9. JOINT TRENCHING MAY BE UTILIZED WHERE PRACTICABLE AND WHERE REPAIRS BY THIS SPECIFICATION TRENCHING OR BORING WILL BE AT CONTRACTORS OPTION.
- B. LOCATIONS OF EXISTING UNDERGROUND (UG) UTILITY SYSTEMS SHALL BE DETERMINED BY CALLING UNDERGROUND SERVICE ALERT (USA) WHEN PLANNING UNDERGROUND WORK, AND BEFORE YOU DIG, CONTACT UNDERGROUND SERVICE ALERT (USA) AT LEAST 48 HOURS PRIOR TO EXCAVATION (WEEKENDS EXCLUDED) FOR THE LOCATION OF UNDERGROUND GAS AND ELECTRIC LINES OR EQUIPMENT.
- C. MAINTAIN REQUIRED CLEARANCES FROM ALL SANITARY SEWER, WATER AND STORM DRAIN PIPING. REFER TO CIVIL PLANS FOR EXACT LOCATIONS AND DEPTHS OF PIPING.
- D. THE EXACT QUANTITY, LOCATION AND DEPTHS OF EXISTING UNDERGROUND PIPING AND CONDUITS IS UNKNOWN. FIELD VERIFY AND MAINTAIN EXISTING UTILITIES IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING DEMOLITION AND EXCAVATION OPERATIONS.
- E. REPAIR AND RECONNECT ALL EXISTING UNDERGROUND PIPING UNCOVERED AND DAMAGED BY NEW WORK AS REQUIRED TO MAINTAIN PROPER SYSTEM FUNCTIONS. RE-TEST ALL SYSTEMS DAMAGED BY NEW WORK.
- F. SAWCUT AND PATCH ALL SURFACES TO MATCH EXISTING SURFACES (CONCRETE, AC PAVING, ETC.) AS REQUIRED FOR INSTALLATION OF NEW WORK. COMPLETE FIELD VERIFICATION OF THIS WORK IS REQUIRED BY CONTRACTOR.
- G. SEE DETAIL 4/E-301 FOR ELECTRICAL/DATA/COMMUNICATION TRENCH DETAIL.



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ARCHITECT STAMP	CONSULTANT STAMP

REVISIONS

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SITE ELECTRICAL PLAN

DRAWN BY: TR JOB NUMBER: 20179-01

SHEET NO.
E-101
DATE: OCTOBER 26, 2021

SITE ELECTRICAL PLAN
SCALE: 1"= 30'-0"
NORTH

DATE PLOTTED: FILE LOCATION:



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REVISIONS

#	DATE	DESCRIPTION
1	04-19-2022	ADDENDUM 1

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SHEET TITLE
ELECTRICAL FLOOR PLAN

DRAWN BY: TR JOB NUMBER: 20179.01

SHEET NO.
E-211

DATE: OCTOBER 26, 2021

REFERENCE NOTES

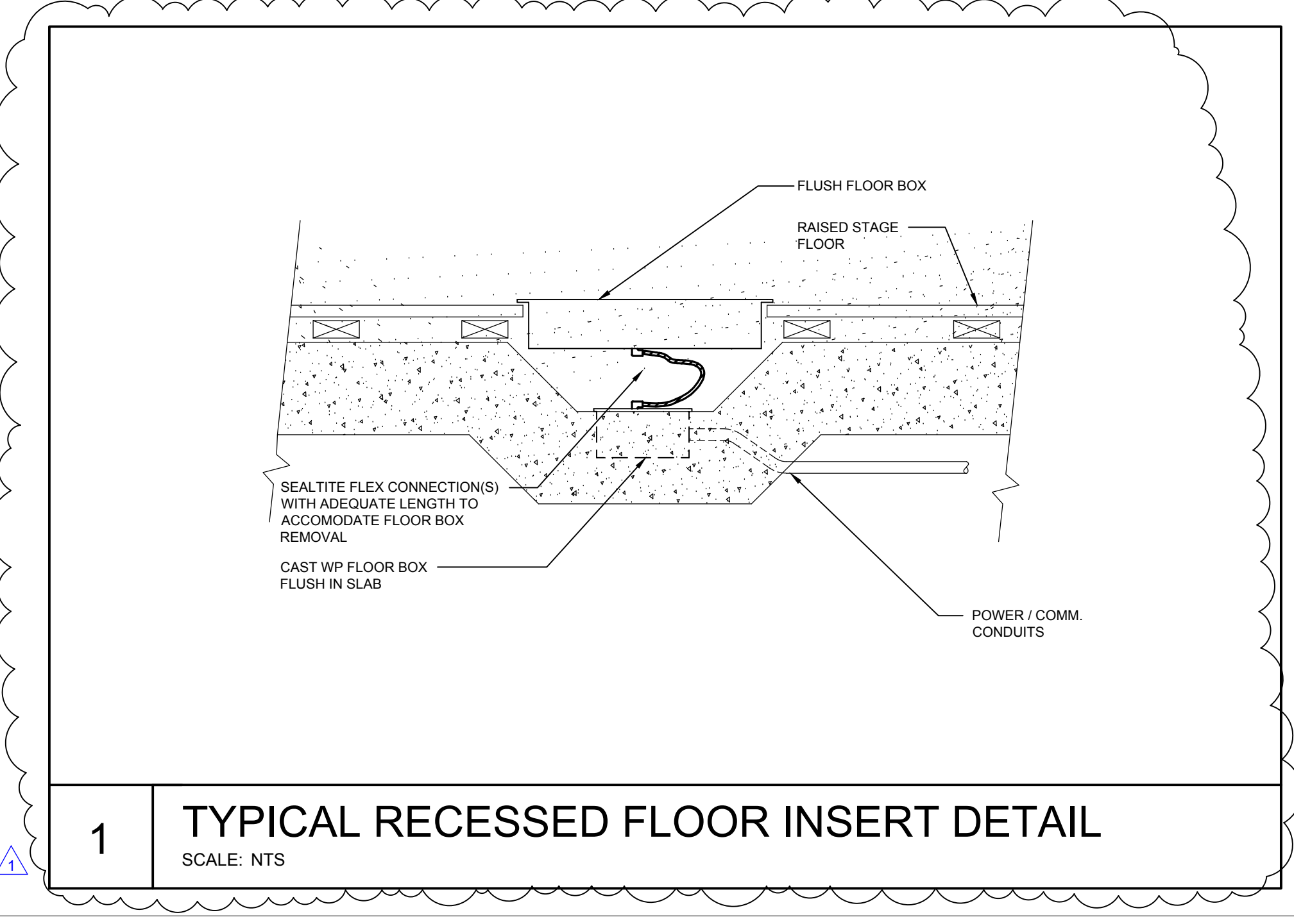
- ELECTRICAL PANEL, SEE SINGLE LINE DIAGRAM AND REFER TO PANEL SCHEDULES.
- EMERGENCY LIGHTING INVERTER UNIT, SEE 5/E-302.
- LIGHTING CONTROL PANEL, SEE LIGHTING CONTROL DIAGRAM.
- FIRE ALARM CONTROL PANEL, SEE FIRE ALARM RISER DIAGRAM.
- WALL MOUNTED DATA RACK, SEE COMMUNICATION RISER DIAGRAM.
- PROVIDE 120V CONNECTION TO FIRE SPRINKLER BELL AS PER FIRE PROTECTION PLANS.
- PROVIDE 120V CONNECTION TO EXHAUST FAN WITH FAN SPEED CONTROLLER AS PER MECHANICAL PLANS.
- H/C LIFT, VERIFY COMPLETE REQUIREMENTS WITH EQUIPMENT SUPPLIER.
- PROVIDE CONNECTIONS TO TELESCOPING BLEACHER.
- LIGHTING CONTROL SYSTEM BRIDGE POWER SUPPLY, LOCATION SHOWN IS SCHEMATIC, VERIFY EXACT LOCATION AND QUANTITY WITH MANUFACTURER'S SHOP DRAWINGS.
- PROVIDE 120V CONNECTION TO AUTOMATIC DOOR OPENER AND LOW VOLTAGE CONTROLS ROUGH-IN PER MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE CONNECTION TO SCOREBOARD AS PER ARCHITECTURAL PLANS.
- PROVIDE LINE VOLTAGE CONNECTION FROM INDOOR UNIT TO OUTDOOR UNIT AS PER MECHANICAL PLANS.
- PROVIDE 120V CONNECTION TO HAND DRYER.

POWER / COMM LEGEND

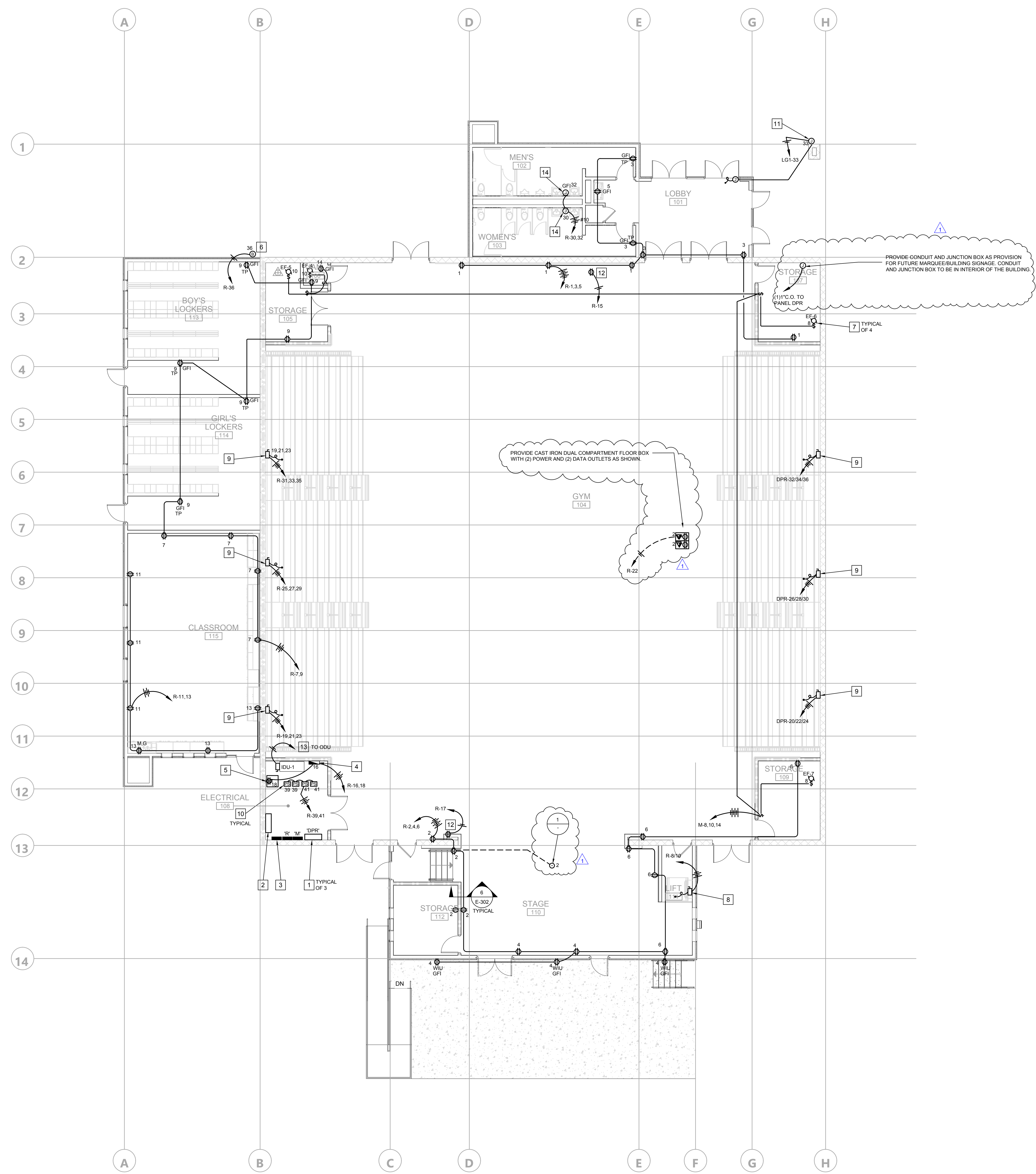
- DUPLEX RECEPTACLE
- (GFI) GROUND FAULT CURRENT INTERRUPTER DEVICE
- MOUNT ABOVE COUNTER PER ADA. REFER TO ARCH.
- MOUNT AT 48" MEASURED TO TOP OF BOX.
- 208V RECEPTACLE
- WHILE IN USE NEMA 3R COVER (TAYMAC #MX42805 OR ENGINEER APPROVED EQUAL).
- FLOOR MOUNTED OUTLET
- *CONTROLLED* DUPLEX RECEPTACLE PER 2019 CA ENERGY CODE REQUIREMENTS 130-5 *CIRCUIT CONTROLS FOR 120V RECEPTACLES* (LEVITON 5362-S2X, HEAVY DUTY SPEC GRADE, LEVITON 16362-WPX)
- (1) UNCONTROLLED DUPLEX RECEPTACLE AND (1) DUPLEX RECEPTACLE
- COMMUNICATION OUTLET FOR DATA OR PHONE. PROVIDE 1" ENT CONDUIT STUB TO ACCESSIBLE CEILING SPACE.
- COMBINATION POWER AND TELEVISION OUTLET. PROVIDE 3/4" ENT CONDUIT TO "TIP" (ARLINGTON TYPES 08 OR EQUAL). VERIFY MOUNTING HEIGHT PRIOR TO ROUGH-IN.
- COMBINATION POWER/DATA FLOOR BOX. PROVIDE (1) *CONTROLLED* DUPLEX RECEPTACLE (LEVITON 5362-2PX) PER 2019 CA ENERGY CODE REQUIREMENTS 130-5 AND (1) UNCONTROLLED DUPLEX RECEPTACLE.
- GROUND BAR
- CEILING MOUNTED OUTLET
- SWITCH RECEPTACLE
- DUPLEX RECEPTACLE. REMOVE BREAK-OFF TAB. TOP OUTLET IS CONTROLLED AND BOTTOM OUTLET IS UNCONTROLLED. CONTROLLED OUTLET SHALL HAVE A PERMANENT MARKING TO DIFFERENTIATE THEM FROM UNCONTROLLED OUTLET PER 2019 CA ENERGY CODE REQUIREMENTS. (LEVITON 5362S1X, HEAVY DUTY SPEC GRADE, LEVITON 16362-1PX-DECORA)
- TAMPER PROOF RECEPTACLE

GENERAL POWER PLAN NOTES

- FUSING: ALL FUSIBLE SAFETY DISCONNECT SWITCHES SHALL BE PROVIDED WITH DUAL-ELEMENT TIME DELAY TYPE FUSES SIZED AND RATED PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. VERIFY WITH EQUIPMENT NAMEPLATE BEFORE INSTALLATION.
- INSTALL SEPARATE NEUTRALS FOR EACH BRANCH CIRCUIT.
- MOTOR OVERLOAD PROTECTION: WHERE REQUIRED BY NEC ARTICLE 430 PART C AND NOT SHOWN ON PLAN OR PROVIDED INTEGRAL WITH EQUIPMENT, PROVIDE AND INSTALL THERMAL OVERLOAD PROTECTION FOR ALL MOTORS.
- DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT.
- ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN THE SAME LOCATION, SHALL BE MOUNTED ON OPPOSITE SIDES OF THE SAME STUD. COORDINATE BETWEEN ELECTRICAL AND COMMUNICATIONS PLANS.



1 TYPICAL RECESSED FLOOR INSERT DETAIL
 SCALE: NTS



DATE PLOTTED: FILE LOCATION:

REFERENCE NOTES

1. WALL MOUNTED DATA DISTRIBUTION CABINET.
2. PROVIDE STEEL WIREGUARD OVER THIS DEVICE.



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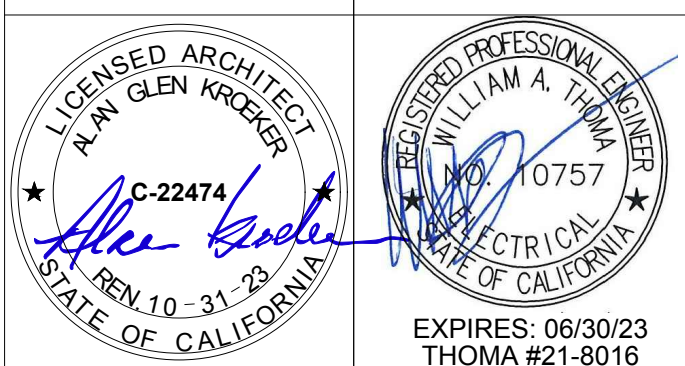
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COMMUNICATIONS LEGEND

- WP** = (N) WEATHER PROOF (WP) VOIP ENABLED OUTDOOR SPEAKER WITH ENCLOSURE AND BAFFLE EQUIPMENT. RAIL AND #ACC1410. EC SHALL PROVIDE (N) (1) CAT6 CABLE PER DEVICE TERMINATED IN ACCESSIBLE CEILING SPACE (INSIDE WALL) WITHIN 5'-0" OF DEVICE. PROVIDE MIN. 1' SERVICE LOOP. ALL MODULAR JACKS, CABLE, AND PATCH CABLES SHALL BE BLUE. EC SHALL COORDINATE WITH DISTRICT REPRESENTATIVE FOR FINISHED MOUNTING HEIGHT.
- IP** = (N) VOIP ENABLED INDOOR SPEAKER WITH ENCLOSURE AND BAFFLE EQUIPMENT. RAIL AND #ACC1401. EC SHALL PROVIDE (N) (1) CAT6 CABLE PER DEVICE TERMINATED IN ACCESSIBLE CEILING SPACE PER DEVICE WITH MINIMUM 1' SERVICE LOOP. ALL MODULAR JACKS, CABLE, AND PATCH CABLES SHALL BE BLUE. EC SHALL COORDINATE WITH DISTRICT REPRESENTATIVE FOR FINISHED MOUNTING HEIGHT.
- AP** = INTERIOR WIRELESS ACCESS POINT (PROVIDED BY DISTRICT, INSTALLED BY EC). PROVIDE (N) (2) CAT6A CABLES EACH TERMINATED IN 2-PORT BISCUIT IN ACCESSIBLE CEILING. ALL CAT6A MODULAR JACKS, CABLE, AND PATCH CABLES SHALL BE WHITE.
- ▽** = DATA OUTLET AT LOCATION SHOWN IN PLAN. 'N' = NUMBER OF CAT6 DATA DROPS. ALL CAT6 MODULAR JACKS, CABLE, AND PATCH CABLES SHALL BE BLUE.
- LC** = (N) FUTURE CAMERA LOCATION. PROVIDE 2-PORT BISCUIT MOUNTED IN ACCESSIBLE CEILING AT LOCATION SHOWN IN PLAN. PROVIDE (N) (2) CAT6 CABLES TERMINATED IN 2-PORT BISCUIT. ALL CAT6 MODULAR JACKS, CABLE, AND PATCH CABLES SHALL BE BLUE.
- = (N) RAILLAND 2580 SERIES WIRED DIGITAL CLOCK TO MATCH CAMPUS EXISTING CLOCKS. COORDINATE WITH DISTRICT REPRESENTATIVE FOR MOUNTING HEIGHT.
- MS** = CEILING SECURITY MOTION SENSOR LOCATION. PROVIDE CAT5E/CAT6 CABLE FROM EACH MOTION SENSOR AND KEYPAD TO ELECTRICAL ROOM 209. INSTALL 2 1-PAIR #16AWG CABLES. 14#14AWG THWN TO MAIN MDF FOR CONNECTION TO EXISTING SECURITY PANEL DETECTOR AND KEYPAD LOGS. KEYPAD AND MOTION SENSOR DEVICES TO BE PROVIDED AND INSTALL BY DISTRICT OUTSIDE OF THIS CONTRACT.
- SP** = SECURITY PAD LOCATION. PROVIDE CONDUIT STUB UP TO CEILING SPACE. INSTALL 4X BOX WITH SINGLE GANG RING. COORDINATE EXACT LOCATION WITH DISTRICT STAFF.
- JBM** = FUTURE CAMERA LOCATION. PROVIDE J-BOX WITH CONDUIT STUB TO CEILING SPACE WITH ADDITIONAL CONDUIT STUBS AT ELECTRICAL ROOM 209 FROM CEILING SPACE THROUGH HARD LID CEILING INTO THE ROOM SPACE. CAMERA HEIGHT LOCATION TO BE CONFIRMED WITH DISTRICT PRIOR TO INSTALLATION OF J-BOXES.

ARCHITECT STAMP **CONSULTANT STAMP**



REVISIONS

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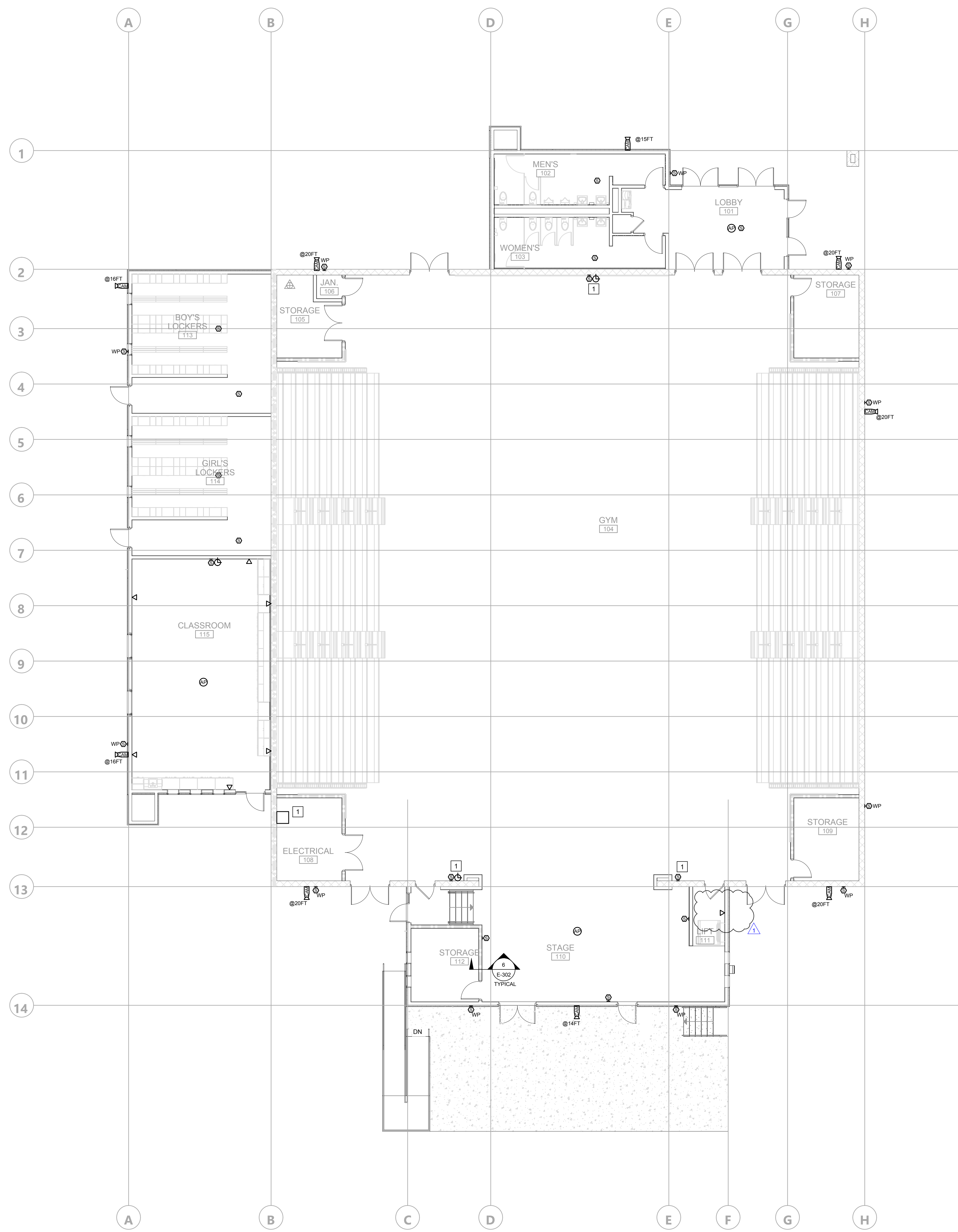
COMMUNICATIONS FLOOR PLAN

DRAWN BY: TR JOB NUMBER: 20179.01

SHEET NO.

E-221

DATE: OCTOBER 26, 2021



GENERAL COMMUNICATION PLAN NOTES

- SIGNAL AND COMMUNICATIONS SYSTEMS RACEWAYS AND BOXES: PROVIDE AND INSTALL TRUE SS RECESSED BACK BOX WITH 1-GANG RING AND (1) 1-1/4" CONDUIT STUB TO ACCESSIBLE CEILING SPACE ABOVE OR UNDER FLOOR SPACE BELOW AS APPLICABLE AT EACH WALL TELECOMMUNICATIONS (VOICE, VIDEO, DATA, DATA) OUTLETS, HDMI, AND TELEVISION OUTLET LOCATION SHOWN ON THE PLANS UNLESS OTHERWISE NOTED. PROVIDE PATHWAYS BETWEEN COMMUNICATIONS EQUIPMENT ROOM LOCATIONS AND ACCESSIBLE CEILINGS FOR ROUTING OF DATA CABLES.
- WHERE NO ACCESSIBLE CEILING EXIST; RUN CONDUIT FROM OUTLETS (FLOOR OR WALL) TO COMMUNICATIONS EQUIPMENT LOCATION.
PROVIDE 1-1/4" CONDUIT MINIMUM FOR FLOOR BOX TELECOM AND AV, AS SHOWN ON TELECOM PLANS.
BEFORE CONSTRUCTION, COORDINATE AND VERIFY TELECOMMUNICATIONS OUTLET LOCATIONS WITH OWNER OR ARCHITECT.
- DEVICE LOCATIONS SHOWN ARE SCHEMATIC AND APPROXIMATE. EXACT LOCATIONS SHALL BE FIELD VERIFIED DURING ROUGH-IN WITH ARCHITECTURAL ELEVATIONS, CASEWORK SHOP DRAWINGS, FURNITURE, ETC. AND SHALL BE COORDINATED WITH OTHER TRADES TO AVOID CONFLICT WITH OTHER EQUIPMENT.
- ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN FIRE RATED, OR SOUND RATED (STC) ASSEMBLIES SHALL BE PROVIDED WITH PUTTY PADS LISTED FOR THE APPLICATION.
- ELECTRICAL AND COMMUNICATIONS OUTLETS SHOWN IN THE SAME LOCATION, SHALL BE MOUNTED ON OPPOSITE SIDES OF THE SAME STUD. COORDINATE BETWEEN ELECTRICAL AND COMMUNICATIONS PLANS. ALTERNATIVELY, A DEVICE BRACKET MAY BE USED BETWEEN STUDS WITH 4-INCH SEPARATION BETWEEN POWER AND LOW VOLTAGE BOXES.
- WHERE UNDERGROUND CONDUIT IS USED, TELECOM CABLES SHALL BE WET LISTED.
- WHERE EQUIPMENT IS NOTED AS PROVIDED BY DISTRICT (OWNER), EC SHALL COORDINATE AT CONTRACT NOTICE TO PROCEED, ACQUIRE ALL EQUIPMENT REQUIRED FROM DISTRICT STAFF. UNLESS OTHERWISE DIRECTED BY DISTRICT STAFF ALL OWNER FURNISHED EQUIPMENT SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR.

DATE PLOTTED: FILE LOCATION: