



HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT
PURCHASING DEPARTMENT
15959 E. GALE AVENUE • CITY OF INDUSTRY, CA 91745
(626) 933-3930

*Joel Duarte,
Director Purchasing & Warehouse*

**BID NO. 2024-25.11
WILSON HIGH SCHOOL: GRANDSTAND UPGRADES**

February 3, 2025

ADDENDUM NO.01

The following changes, additions, deletions, or corrections shall become a part of the Contract Documents for the project named above and all other conditions shall remain the same. The bidders shall be responsible for transmitting this information to all affected subcontractors and suppliers prior to the closing of bids. Acknowledge receipt of this Addendum in spaces provided on the Bid Form. Failure to acknowledge may subject Bidder to disqualification.

BID FORMS REPLACED

- Section 3 Bid Forms is hereby replaced in its entirety with a new: **Section 3 BID FORMS** attached hereto.

REVISIONS TO BIDDING REQUIREMENTS

- The day and time for which Bids are due and will be opened is hereby changed to:
FEBRUARY 7, 2025 at 11:00 AM

REVISIONS TO SPECIFICATIONS

- SECTION 00 01 10 – TABLE OF CONTENTS
Replace SECTION 00 01 10 with new SECTION 00 01 10 (Addendum 01), issued with this addendum
- SECTION 00 01 15 – LIST OF DRAWINGS
Replace SECTION 00 01 15 with new SECTION 00 01 15 (Addendum 01), issued with this addendum
- SECTION 09 05 61 – COMMON WORK RESULTS FOR FLOORING PREPARATION
New SECTION 09 05 61 (Addendum 01), issued with this addendum
- SECTION 09 30 00 – COMMON WORK RESULTS FOR FLOORING PREPARATION
New SECTION 09 30 00 (Addendum 01), issued with this addendum.

REVISIONS TO DRAWINGS

- SHEET T-2 SHEET INDEX, GENERAL NOTES & SITE PLAN
- SHEET A-1 ENLARGED PLANS & DETAILS
- SHEET A-2 DOOR SCHEDULE AND DETAILS
- SHEET A-4 MATERIAL SCHEDULE

RESPONSES TO BID RFI

- The Engineer's estimate for this project is \$165,000
- There is no minimum self-performance threshold for prime contractors.

CLARIFICATIONS

- None

Vision Statement:

The Hacienda La Puente Unified School District is a community committed to developing lifelong learners who value themselves and the diversity of all people; apply decision-making skills leading to responsible actions; and use creativity, critical thinking, and problem solving in meeting the challenges of a changing society.

ATTACHMENTS

- Section 03 Bid Forms BID ADDENDUM NO.1
- Specification Section: SECTION 00 01 10 – TABLE OF CONTENTS
- Specification Section: SECTION 00 01 15 LIST OF DRAWINGS
- Specification Section: SECTION 09 05 61 COMMON WORK RESULTS FOR FLOORING PREPARATION
- Specification Section: SECTION 09 30 00 TILING
- Full Size Documents: T-2 SHEET INDEX AND GENERAL NOTES
- Full Size Documents: A-1 ENLARGED PLANS AND DETAILS
- Full Size Documents: A-2 DETAILS
- Full Size Documents: A-4 MATERIAL SCHEDULE

END OF ADDENDUM NO.1

HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT

WILSON HIGH SCHOOL: GRANDSTAND UPGRADES

BID No. 2024-25.11

**SECTION 3
BID FORMS**

BID ADDENDUM NO.1

BID FORM AND PROPOSAL

To: Governing Board of the Hacienda La Puente Unified School District ("District")

From: _____
(Insert Name of Bidder)

Bid No. 2024-25.11: WILSON HIGH SCHOOL: GRANDSTAND UPGRADES

The undersigned declares that the Contract Documents including, without limitation, the Notice Inviting Bids and the Information for Bidders 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 of this Bid ("Project" or "Contract") and will accept in full payment for that Work the following total lump sum amount, all taxes included:

Bid Award will be made to the lowest Base Bid which shall include the respective allowance.

BASE BID(S)

BASE BID:
WILSON HIGH SCHOOL GRANDSTAND UPGRADES

Total lump sum cost shall include all scope items as defined within the drawings, specifications, phasing plans, addenda and schedules including all applicable taxes, permits & licenses.

BASE BID _____ (stated in words) _____ (stated in figures)

CASH ALLOWANCE (10% of Base Bid Amount) _____ (stated in figures)

TOTAL BID AMOUNT (Base Bid Plus Allowance) _____ (stated in figures)

In the event of a mathematical error by the bidder the District will base award on the Base Bid amount and recalculate the 10% allowance for the purposes of the contract.

BASE ALTERNATE #1

BID ALTERNATE #1:
Total lump sum cost shall include all scope items as called out as Bid Alternate in Bid Addendum No.1 including all applicable taxes, permits & licenses.

BID ALTERNATE _____ (stated in words) _____ (stated in figures)

CASH ALLOWANCE FOR ALTERNATE (10% of Bid Alternate Amount) _____ (stated in figures)

TOTAL BID ALTERNATE AMOUNT (Base Bid Plus Allowance) _____ (stated in figures)

In the event of a mathematical error by the bidder the District will base the contract amount on the Bid Alternate amount above and recalculate the 10% allowance (if the Bid Alternate is awarded by the District)

1. The undersigned has reviewed the Work outlined in the Contract Documents and fully understands the scope of Work required in this Proposal, understands the construction and project management function(s) 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 Proposal, 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.
2. 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 District before the bid opening date to verify the issuance of any clarifying Addenda.
3. 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.
4. The liquidated damages clause of the General Conditions and Special Conditions is hereby acknowledged.
5. 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.
6. The following documents are attached hereto to this bid form:

Bid Bond on the District's form or other security
 Designated Subcontractors List
 Non-Collusion Declaration
 Project Warranty
 Iran Contracting Act Certification
 Ukraine-Russia Contracting Certification
 Prime Contractor Letter of Assent (acknowledging Continuity of Work Agreement)

7. Receipt and acceptance of the following Addenda is hereby acknowledged (Check all that apply):

Addendum No.1 _____	Addendum No.4 _____	Addendum No.7 _____
Addendum No.2 _____	Addendum No.5 _____	Addendum No.8 _____
Addendum No.3 _____	Addendum No.6 _____	Addendum No.9 _____

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.

8. 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.
9. The undersigned 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.

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__

Name of Bidder _____

Type of Organization _____

Signature _____

Signed by _____

Title of Signer _____

Address of Bidder _____

Bidder's Taxpayer Identification No. _____

Telephone Number _____

E-mail _____ Website _____

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

No.: _____ Class: _____ Expiration Date: _____

No.: _____ Class: _____ Expiration Date: _____

If Bidder is a corporation, affix corporate seal.

Name of Corporation: _____

President: _____

Secretary: _____

Treasurer: _____

Manager: _____

BID BOND

WHEREAS, _____, as Principal, and _____, as Surety, a corporation organized and existing under and by virtue of the laws of the State of _____ and authorized to do business as a surety in the State of California, are held and firmly bound unto the Hacienda La Puente Unified School District ("District"), as Obligee, in the sum of _____ DOLLARS (\$ _____), being not less than ten percent (10%) of the Total Bid Price; for the payment of which sum will and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a bid to the District to perform all Work required for the **2024-25.11 WILSON HIGH SCHOOL: GRANDSTAND UPGRADES**, as set forth in the Notice Inviting Bids and accompanying Contract Documents.

NOW, THEREFORE, if said Principal is awarded a Contract for the Work by the District and, within the time and in the manner required by the above-referenced Contract Documents, enters into the written form of Contract bound with said Contract Documents, furnishes the required bonds (one to guarantee faithful performance and the other to guarantee payment for labor and materials), furnishes the required insurance certificates and endorsements, and furnishes any other certifications as may be required by the Contract, then this obligation shall be null and void; otherwise it shall remain in full force and effect.

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

The bid security will be held by the District for ten (10) days after the period for which bids must be held open or until posting by the successful bidder(s) of the bonds, certificates of insurance required and return of executed copies of the Agreement, whichever first occurs, at which time the bid security will be returned.

In the event suit is brought upon this bond by the District and judgment is recovered, said Surety shall pay all costs incurred by the District in such suit, including reasonable attorneys' fees to be fixed by the court.

SIGNED AND SEALED, this _____ day of _____, 20_____.

Principal

By: _____
Signature
(SEAL)

Surety

By: _____
Signature
(SEAL)

DESIGNATED SUBCONTRACTORS LIST

In compliance with the "Subletting and Subcontracting Fair Practices Act," California Public Contract Code sections 4100 to 4114, and any amendments thereto, each Bidder shall provide the information requested below for each subcontractor who will perform work, labor or render service to Bidder in or about the construction of the Work in an amount in excess of one-half of one percent (greater than 0.5 %) of the Bidder's Total Bid Price and shall further set forth the portion of the Work which will be done by each subcontractor. Bidder shall list only one subcontractor for any one portion of the Work.

If the Bidder fails to specify a subcontractor for any portion of the Work to be performed under the Contract, it shall be deemed to have agreed to perform such portion itself, and shall not be permitted to subcontract that portion of the Work except under the conditions hereinafter set forth below.

Subletting or subcontracting of any portion of the Work in excess of one half of one percent (greater than 0.5%) of the Total Bid Price for which no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after District approval.

Subcontractor Name: _____

Description of Work: _____ License #: _____

_____ DIR #: _____

Business Location _____ Phone: _____

_____ Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

_____ DIR #: _____

Business Location _____ Phone: _____

_____ Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

_____ DIR #: _____

Business Location _____ Phone: _____

_____ Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

DIR #: _____

Business Location _____ Phone: _____

Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

DIR #: _____

Business Location _____ Phone: _____

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Subcontractor Name: _____

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Subcontractor Name: _____

Description of Work: _____ License #: _____

DIR #: _____

Business Location _____ Phone: _____

Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

DIR #: _____

Business Location _____ Phone: _____

Email: _____

Subcontractor Name: _____

Description of Work: _____ License #: _____

DIR #: _____

Business Location _____ Phone: _____

Email: _____

NON-COLLUSION DECLARATION

In accordance with Public Contract Code section 7106, the undersigned declares that he or she holds the position listed below with the bidder, the party making the foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

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

Signature

Typed or Printed Name

Title

Bidder

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.
--

Subscribed and sworn before me
This ____ day of _____, 20____

[Seal]

Notary Public in and for
the State of California

PROJECT WARRANTY

We, the undersigned, do hereby warrant and guarantee all products and services described within which we will provide for:

WILSON HIGH SCHOOL: GRANDSTAND UPGRADES

BID 2024-25.11

all will be in accordance with the Contract Documents and that all such Work as installed will fulfill or exceed all minimum warranty requirements. We agree to repair or replace Work installed by us for a period of at least two years after the date of recording the Notice of Completion, together with any adjacent Work which is displaced or damaged by so doing, that proves to be defective in workmanship, material, or function at no expense to the Hacienda La Puente Unified School District, ordinary wear and tear and unusual abuse or neglect excepted. Manufacturers' and suppliers' warranties may be longer than the two year period described above, but not shorter.

In the event of our failure to comply with the above-mentioned conditions within seven (7) business days, after notification in writing, we, the undersigned, all collectively and separately, hereby authorize the District to have said defective Work, repaired or replaced to be made good, and agree to pay to the District upon demand all moneys that the District may expend in making good said defective Work, including all collection costs and reasonable attorneys' fees.

Company Name: _____

Signed: _____
(Contractor's signature)

Name: _____
(printed)

Date: _____

IRAN CONTRACTING ACT CERTIFICATION

WILSON HIGH SCHOOL: GRANDSTAND UPGRADES
("Project" or "Contract")

Pursuant to Public Contract Code (PCC) section 2204, an Iran Contracting Act certification is required for solicitations of goods or services of one million dollars (\$1,000,000) or more.

Bidder shall complete **ONLY ONE** of the following three paragraphs.

- 1. Bidder's Total Base Bid is less than one million dollars (\$1,000,000).
OR
- 2. Bidder's Total Base Bid is one million dollars (\$1,000,000) or more, but Bidder is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code § 2203(b), and Bidder is not a financial institution extending twenty million dollars (\$20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.
OR
- 3. Bidder's Total Base Bid is one million dollars (\$1,000,000) or more, but the District has given prior written permission to Bidder to submit a proposal pursuant to PCC 2203(c) or (d). **A copy of the written permission from the District is included with Bid.**

I certify that I am duly authorized to legally bind the Bidder to this certification, that the contents of this certification are true, and that this certification is made under the laws of the State of California.

Date: _____

Proper Name of Bidder: _____

Signature: _____

Print Name: _____

Title: _____

UKRAINE-RUSSIA CONTRACTING CERTIFICATION

On February 21, 2022, President Biden issued Executive Order 14065 ("Federal Order") imposing economic sanctions and prohibiting many activities including, but not limited to, investing, importing, exporting, and contracting, in areas of Ukraine and in Russia. On March 4, 2022, California Governor Newsom issued Order N-6-22 requiring state agencies to take steps to ensure any agency and entity under contract with state agencies comply with the Federal Order ("State Order").

If awarded a contract with the District, your Firm must comply with the economic sanctions imposed in response to Russia's actions in Ukraine, including the orders and sanctions identified on the U.S. Department of the Treasury website:
(<https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>).

As part of this procurement, this Certification shall be part of your Response:

- (1) Confirmation that your Firm is in compliance with the required economic sanctions of the Federal and State Orders; and
- (2) Confirmation that your Firm will take the steps necessary in response to Russia's actions in Ukraine, including, but not limited to, desisting from making new investments in, or engaging in financial transactions with, Russian entities, not transferring technology to Russia or Russian entities, and directly providing support to the government and people of Ukraine. Upon District request, your firm will provide the District a written statement detailing your actions related to this section.

Executive Order 14065;

<https://www.whitehouse.gov/briefing-room/presidential-actions/2022/02/21/executive-order-on-blocking-property-of-certain-persons-and-prohibiting-certain-transactions-with-respect-to-continued-russian-efforts-to-undermine-the-sovereignty-and-territorial-integrity-of-ukraine/>

State Order N-6-22;

<https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-Executive-Order>

I certify that I am duly authorized to legally bind the Bidder to this certification, that the contents of this certification are true, and that this certification is made under the laws of the State of California.

Company Name: _____

Signed: _____
(Contractor's signature)

Name: _____
(Printed)

Date: _____

LETTER OF ASSENT

[TO BE SIGNED BY ALL CONTRACTORS AND SUBCONTRACTORS AWARDED WORK COVERED BY THE CONTINUITY OF WORK AGREEMENT PRIOR TO COMMENCING WORK ON ANY PROJECT]

[CONTRACTOR'S LETTERHEAD]

Project Labor Coordinator
c/o Hacienda La Puente Unified School District
15959 East Gale Avenue
City of Industry, California 91745
Attn: Joel Duarte

Re: Letter of Assent – Continuity of Work Agreement

Dear Sir:

This is to confirm that [name of company] (“Company”) agrees to be party to and bound by the Hacienda La Puente Unified School District Continuity of Work Agreement effective April 1, 2019, as such Agreement may, from time to time, be amended by the negotiating parties or interpreted pursuant to its terms. Such obligation to be a party and bound by this Agreement shall extend to all work covered by the agreement undertaken by this Company on the project and this Company shall require all of its contractors and subcontractors of whatever tier to be similarly bound for all work within the scope of the Agreement by signing and furnishing to you an identical letter of assent prior to their commencement of work.

Sincerely

[Name of Construction Company]

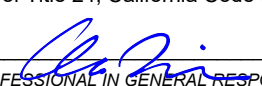
By: [_____] Name and Title of Authorized Executive

[Copies of this letter must be submitted to the District Coordinator and to the Council Consistent with Article II. Section 2.5(b).]

APPLICATION FOR SUBMITTAL OF POST-APPROVAL DOCUMENT

This application is for submittal of documents, after the initial approval of the project (post-approval documents), that require Division of the State Architect (DSA) review and approval. This form shall be completed by the Design Professional in General Responsible Charge of the project, in accordance with California Code of Regulations, Title 24, Part 1, Sections 4-317, 4-323 and 4-338 and in compliance with DSA IR A-6: Construction Change Document Submittal and Approval Process.

DSA documents referenced within this form are available on the [DSA Forms](#) or [DSA Publications](#) webpages.

1. SUBMITTAL TYPE: (Is this a resubmittal? Yes <input type="checkbox"/> No <input type="checkbox"/>)			
Deferred Submittal <input type="checkbox"/>	Addendum Number:	Revision Number:	CCD Number: Category A <input type="checkbox"/> or B <input type="checkbox"/>
2. PROJECT INFORMATION:			
School District/Owner:		DSA File Number:	
Project Name/School:		DSA Application Number:	
3. APPLICANT INFORMATION:			
Date Submitted:	Attached Pages? No <input type="checkbox"/> Yes <input type="checkbox"/> Number of pages?		
Firm Name:	Contact Name:		
Work Email:	Work Phone:		
Firm Address:	City:	State:	Zip Code:
4. REASON FOR SUBMITTAL: (Check applicable boxes)			
<input type="checkbox"/> For revision or addendum prior to construction.		<input type="checkbox"/> For a project currently under construction.	
<input type="checkbox"/> For a project that has a form <i>DSA 301-N: Notification of Requirement for Certification</i> , <i>DSA 301-P: Posted Notification of Requirement for Certification</i> or a 90-Day Letter issued.			
<input type="checkbox"/> To obtain DSA approval of an existing uncertified building or buildings.			
<input type="checkbox"/> For Category B CCD this is: <input type="checkbox"/> a voluntary submittal, <input type="checkbox"/> a DSA required submittal (attach DSA notice requiring submission).			
5. DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE:			
Name of the Design Professional In General Responsible Charge:			
Professional License Number:	Discipline:		
Design Professional in General Responsible Charge Statement: The attached post-approval documents have been examined by me for design intent and appear to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications. They are acceptable for incorporation into the construction of the project.			
Signature: _____ <div style="text-align: center;"> DESIGN PROFESSIONAL IN GENERAL RESPONSIBLE CHARGE</div>			
6. CONFIRMATION, DESCRIPTION AND LISTING OF DOCUMENTS:			
For addenda, revisions, or CCDs: CHECK THIS BOX <input type="checkbox"/> to confirm that <i>all</i> post-approval documents have been stamped and signed by the Responsible Design Professional listed on form <i>DSA 1: Application for Approval of Plans and Specifications</i> for this project. (For <i>Deferred Submittals</i> , refer to <i>IR A-18: Use of Construction Documents Prepared by Other Professionals</i> , and <i>IR A-19: Design Professional's Signature and Seal (Stamp) on Construction Documents</i> , when applicable, for signature and seal requirements.)			
Provide a brief description of construction scope for this post-approval document (attach additional sheets if needed): 			
List of DSA-approved drawings affected by this post-approval document: 			

DSA USE ONLY		
	Returned	DSA STAMP
SSS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____	Date:	
FLS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____	By:	
ACS _____ Date _____ <input type="checkbox"/> Approved <input type="checkbox"/> Disapproved <input type="checkbox"/> Not Required Comments: _____		

Date: February 3, 2025

ADDENDUM 01

To Project Bidding Documents for:

**GLEN A WILSON HIGH SCHOOL
GRANDSTAND UPGRADES
HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT**

DSA Appl. No. 03-121237
DSA File No. 19-H53

tBP Project No. 21051.00

tBP/ARCHITECTURE
4611 Teller Avenue
Newport Beach, CA 92660
949-673-0300

TO: PROSPECTIVE BIDDERS

This Addendum forms a part of the Contract Documents and modifies the original Bidding Drawings and Specifications dated September 14, 2023. Acknowledge receipt of this Addendum in space provided on the Bid Form. Failure to acknowledge may subject Bidder to disqualification.

CHANGES TO SPECIFICATIONS

1. SECTION 00 01 10 – TABLE OF CONTENTS
 - a. Replace SECTION 00 01 10 with new SECTION 00 01 10 (Addendum 01), issued with this addendum.
2. SECTION 00 01 15 – LIST OF DRAWINGS
 - a. Replace SECTION 00 01 15 with new SECTION 00 01 15 (Addendum 01), issued with this addendum.
3. SECTION 09 05 61 – COMMON WORK RESULTS FOR FLOORING PREPARATION
 - a. new SECTION 09 05 61 (Addendum 01), issued with this addendum.
4. SECTION 09 30 00 – COMMON WORK RESULTS FOR FLOORING PREPARATION
 - a. new SECTION 09 30 00 (Addendum 01), issued with this addendum.

CHANGES TO DRAWINGS

1. SHEET T-2 SHEET INDEX, GENERAL NOTES & SITE PLAN
Replace Sheet T-2 Sheet Index, General Notes and Site Plan in its entirety issued with this addendum. Changes include:
 - a. Revised sheet index as follows:
 1. Added sheets A-4.
 2. Revise sheet count totals.

2. SHEET A-1 ENLARGED PLANS & DETAILS
Replace Sheet A-1 Enlarged Plans & Details in its entirety issued with this addendum. Changes include:
 - a. Modified plan 2 as follows:
 1. Modified keynote No 5.
 2. Added keynote 8 and 9.
 3. Added keynote 8 and 9 to plan.
 - b. Modified Plan 3 as follows:
 1. Added keynote No 6
 2. Added keynote No 6 to plan.
 - c. Modified Plan 4 as follows:
 1. Modified keynote No 5.
 2. Added keynote No 9
 3. Added keynote No 9 to plan.
 - d. Modified Plan 5 as follows:
 1. Added keynote No 7
 2. Added keynote No 7 to plan.
 - e. Modified Interior Elevation No N18 as follows:
 1. Modified keynotes pertaining to wainscott finishes on Elevations 1-4.
 - f. Modified Interior Elevations No N14 as follows:
 1. Modified keynotes pertaining to wainscott finishes on Elevations 1-4.

3. SHEET A-2 DOOR SCHEDULE AND DETAILS
Replace Sheet A-2 Door Schedule and Details in its entirety issued with this addendum. Changes include:
 - a. Modify details 17, 18, 19 & 20.

4. SHEET A-4 MATERIAL SCHEDULE
New Sheet A-4 Material Schedule issued with this addendum. Changes include:
 1. Added Material schedule.

ATTACHMENTS

The following attachments are a part of Addendum 01:

1. Specification Sections

SECTION 00 01 10 TABLE OF CONTENTS
SECTION 00 01 15 LIST OF DRAWINGS
SECTION 09 05 61 COMMON WORK RESULTS FOR FLOORING
PREPARATION
SECTION 09 30 00 TILING

2. Full Size Documents (30" x 42") Drawings: (Total 4)

T-2 SHEET INDEX AND GENERAL NOTES
A-1 ENLARGED PLANS AND DETAILS
A-2 DETAILS
A-4 MATERIAL SCHEDULE



WILLIS FISHER

tBP/Architecture

Division of State Architect Date

Office of Regulation Services

SECTION 00 01 10

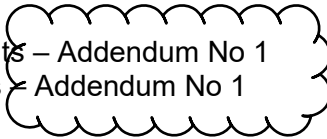
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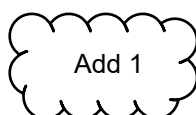
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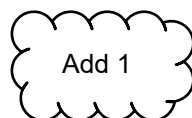
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12. E-5 TITLE 24 COMPLIANCE FORMS

END OF SECTION

SECTION 09 05 61

COMMON WORK RESULTS FOR FLOORING PREPARATION

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. This section applies to floors identified in Contract Documents that are receiving the following types of floor coverings:
 - 1. Resilient tile and sheet.
 - 2. Carpet tile.
- B. Removal of existing floor coverings.
- C. Preparation of new and existing concrete floor slabs for installation of floor coverings.
- D. Testing of concrete floor slabs for moisture and alkalinity (pH).
- E. Remediation of concrete floor slabs due to unsatisfactory moisture or alkalinity (pH) conditions.
 - 1. Contractor shall perform all specified remediation of concrete floor slabs. If such remediation is indicated by testing agency's report and is due to a condition not under Contractor's control or could not have been predicted by examination prior to entering into the contract, a contract modification will be issued.
- F. Remedial floor coatings.

1.02 RELATED REQUIREMENTS

- A. Section 01 40 00 - Quality Requirements: Additional requirements relating to testing agencies and testing.
- B. Section 01 74 19 - Construction Waste Management and Disposal: Handling of existing floor coverings removed.
- C. Section 03 30 00 - Cast-in-Place Concrete: Limitations on curing requirements for new concrete floor slabs.

1.03 REFERENCE STANDARDS

- A. ASTM F1869 - Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride 2016a.
- B. ASTM F2170 - Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs Using in situ Probes 2019a.
- C. RFCI (RWP) - Recommended Work Practices for Removal of Resilient Floor Coverings 2011.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate scheduling of cleaning and testing, so that preliminary cleaning has been completed for at least 24 hours prior to testing.

1.05 SUBMITTALS

- A. Visual Observation Report: For existing floor coverings to be removed.
- B. Floor Covering and Adhesive Manufacturers' Product Literature: For each specific combination of substrate, floor covering, and adhesive to be used; showing:
 - 1. Moisture and alkalinity (pH) limits and test methods.
 - 2. Manufacturer's required bond/compatibility test procedure.
- C. Testing Agency's Report:
 - 1. Description of areas tested; include floor plans and photographs if helpful.
 - 2. Summary of conditions encountered.
 - 3. Moisture and alkalinity (pH) test reports.
 - 4. Copies of specified test methods.
 - 5. Recommendations for remediation of unsatisfactory surfaces.
 - 6. Include certification of accuracy by authorized official of testing agency.
 - 7. Submit report to Architect.
 - 8. Submit report not more than two business days after conclusion of testing.
- D. Adhesive Bond and Compatibility Test Report.
- E. Copy of RFCI (RWP).

1.06 QUALITY ASSURANCE

- A. Moisture and alkalinity (pH) testing shall be performed by an independent testing agency employed and paid by Contractor.
- B. Contractor may perform adhesive and bond test with Contractor's own personnel or hire a testing agency.
- C. Testing Agency Qualifications: Independent testing agency experienced in the types of testing specified.
 - 1. Submit evidence of experience consisting of at least 3 test reports of the type required, with project District's project contact information.
- D. Contractor's Responsibility Relating to Independent Agency Testing:
 - 1. Provide access for and cooperate with testing agency.
 - 2. Confirm date of start of testing at least 10 days prior to actual start.
 - 3. Allow at least 4 business days on site for testing agency activities.
 - 4. Achieve and maintain specified ambient conditions.
 - 5. Notify Architect when specified ambient conditions have been achieved and when testing will start.
- E. Remedial Coating Installer Qualifications: Company specializing in performing work of the type specified in this section, trained by or employed by coating manufacturer, and able to provide at least 3 project references showing at least 3 years' experience installing moisture emission coatings.

1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver, store, handle, and protect products in accordance with manufacturer's instructions and recommendations.
- B. Deliver materials in manufacturer's packaging; include installation instructions.
- C. Keep materials from freezing.

1.08 FIELD CONDITIONS

- A. Maintain ambient temperature in spaces where concrete testing is being performed, and for at least 48 hours prior to testing, at not less than 65 degrees F or more than 85 degrees F.
- B. Maintain relative humidity in spaces where concrete testing is being performed, and for at least 48 hours prior to testing, at not less than 40 percent and not more than 60 percent.

PART 2 PRODUCTS

PART 3 EXECUTION

3.01 CONCRETE SLAB PREPARATION

- A. Follow recommendations of testing agency.
- B. Perform following operations in the order indicated:
 - 1. Existing concrete slabs (on-grade and elevated) with existing floor coverings:
 - a. Visual observation of existing floor covering, for adhesion, water damage, alkaline deposits, and other defects.
 - b. Removal of existing floor covering.
 - 2. Existing concrete slabs with coatings or penetrating sealers/hardeners/dustproofers:
 - a. Do not attempt to remove coating or penetrating material.
 - b. Do not abrade surface.
 - 3. Preliminary cleaning.
 - 4. Moisture vapor emission tests; 3 tests in the first 1000 square feet and one test in each additional 1000 square feet, unless otherwise indicated or required by flooring manufacturer.
 - 5. Internal relative humidity tests; in same locations as moisture vapor emission tests, unless otherwise indicated.
 - 6. Alkalinity (pH) tests; in same locations as moisture vapor emission tests, unless otherwise indicated.
 - 7. Specified remediation, if required.
 - 8. Patching, smoothing, and leveling, as required.
 - 9. Other preparation specified.
 - 10. Adhesive bond and compatibility test.
 - 11. Protection.

3.02 REMOVAL OF EXISTING FLOOR COVERINGS

- A. Comply with local, State, and federal regulations and recommendations of RFCI Recommended Work Practices for Removal of Resilient Floor Coverings, as applicable to floor covering being removed.
- B. Dispose of removed materials in accordance with local, State, and federal regulations and as specified.

3.03 PRELIMINARY CLEANING

- A. Clean floors of dust, solvents, paint, wax, oil, grease, asphalt, residual adhesive, adhesive removers, film-forming curing compounds, sealing compounds, alkaline salts, excessive laitance, mold, mildew, and other materials that might prevent adhesive bond.
- B. Do not use solvents or other chemicals for cleaning.

3.04 MOISTURE VAPOR EMISSION TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. Where this specification conflicts with the referenced test method, comply with the requirements of this section.
- C. Test in accordance with ASTM F1869 and as follows.
- D. Plastic sheet test and mat bond test may not be substituted for the specified ASTM test method, as those methods do not quantify the moisture content sufficiently.
- E. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if test values exceed 3 pounds per 1000 square feet per 24 hours.
- F. Report: Report the information required by the test method.

3.05 INTERNAL RELATIVE HUMIDITY TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. Where this specification conflicts with the referenced test method, comply with the requirements of this section.
- C. Test in accordance with ASTM F2170 Procedure A and as follows.
- D. Testing with electrical impedance or resistance apparatus may not be substituted for the specified ASTM test method, as the values determined are not comparable to the ASTM test values and do not quantify the moisture content sufficiently.
- E. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if any test value exceeds 75 percent relative humidity.
- F. Report: Report the information required by the test method.

3.06 ALKALINITY TESTING

- A. Where the floor covering manufacturer's requirements conflict with either the referenced test method or this specification, comply with the manufacturer's requirements.
- B. In the event that test values exceed floor covering manufacturer's limits, perform remediation as indicated. In the absence of manufacturer limits, perform remediation if alkalinity (pH) test value is over 10.

3.07 PREPARATION

- A. See individual floor covering section(s) for additional requirements.
- B. Comply with recommendations of testing agency.
- C. Comply with requirements and recommendations of floor covering manufacturer.
- D. Fill and smooth surface cracks, grooves, depressions, control joints and other non-moving joints, and other irregularities with patching compound.
- E. Do not fill expansion joints, isolation joints, or other moving joints.

3.08 ADHESIVE BOND AND COMPATIBILITY TESTING

- A. Comply with requirements and recommendations of floor covering manufacturer.

3.09 PROTECTION

- A. Cover prepared floors with building paper or other durable covering.

END OF SECTION

SECTION 09 30 00
TILING

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Tile for floor applications. PT-1.
- B. Tile for wall applications. PT-1.
- C. Grout. G-1
- D. Cementitious backer board as tile substrate.
- E. Ceramic trim.
- F. Non-ceramic trim.

1.02 RELATED REQUIREMENTS

- A. Section 07 92 00 - Joint Sealants: Sealing joints between tile work and adjacent construction and fixtures.
- B. Section 09 05 61 - Common Work Results for Flooring Preparation: Concrete slab moisture and alkalinity testing and remediation procedures.
- C. Section 22 40 00 - Plumbing Fixtures: Shower receptor.

1.03 REFERENCE STANDARDS

- A. ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design 2010.
- B. ANSI A108/A118/A136 - American National Standard Specifications for the Installation of Ceramic Tile (Compendium) 2019.
- C. ANSI A108.1a - American National Standard Specifications for Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar 2017.
- D. ANSI A108.1b - American National Standard Specifications for Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar 2017.
- E. ANSI A108.1c - Contractor's Option: Installation of Ceramic Tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar 1999 (Reaffirmed 2021).
- F. ANSI A108.4 - American National Standard Specifications for Installation of Ceramic Tile with Organic Adhesives or Water Cleanable Tile-Setting Epoxy Adhesive 2019.
- G. ANSI A108.5 - American National Standard Specifications for Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar 2020.
- H. ANSI A108.6 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy 1999 (Reaffirmed 2019).
- I. ANSI A108.8 - American National Standard Specifications for Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout 1999 (Reaffirmed 2019).

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- J. ANSI A108.9 - American National Standard Specifications for Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout 1999 (Reaffirmed 2019).
- K. ANSI A108.10 - American National Standard Specifications for Installation of Grout in Tilework 2017.
- L. ANSI A108.11 - American National Standard Specifications for Interior Installation of Cementitious Backer Units 2018.
- M. ANSI A108.12 - American National Standard for Installation of Ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar 1999 (Reaffirmed 2019).
- N. ANSI A108.13 - American National Standard for Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone 2005 (Reaffirmed 2021).
- O. ANSI A108.19 - American National Standard Specifications for Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar 2020.
- P. ANSI A118.3 - American National Standard Specifications for Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy and Water Cleanable Tile-Setting Epoxy Adhesive 2013 (Revised).
 - 1. Use 2013 as indicated in CBC 2019 Ch. 35 Referenced Standards.
- Q. ANSI A118.6 - American National Standard Specifications for Standard Cement Grouts for Tile Installation 2010 (Reaffirmed 2016).
 - 1. Use 2010 as indicated in CBC 2019 Ch. 35 Referenced Standards.
- R. ANSI A118.9 - American National Standard Specifications for Test Methods and Specifications for Cementitious Backer Units 1999 (Reaffirmed 2016).
- S. ANSI A118.10 - American National Standard Specifications for Load Bearing, Bonded, Waterproof Membranes For Thin-Set Ceramic Tile And Dimension Stone Installation 2014.
- T. ANSI A118.12 - American National Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation 2014.
- U. ANSI A136.1 - American National Standard for Organic Adhesives for Installation of Ceramic Tile 2008 (Reaffirmed 2013).
- V. ANSI A137.1 - American National Standard Specifications for Ceramic Tile 2021.
- W. ANSI/NFSI B101.3 - Test Method for Measuring Wet DCOF of Common Hard Surface Floor Materials 2012.
- X. ASTM C373 - Standard Test Methods for Determination of Water Absorption and Associated Properties by Vacuum Method for Pressed Ceramic Tiles and Glass Tiles and Boil Method for Extruded Ceramic Tiles and Non-tile Fired Ceramic Whiteware Products 2018.
- Y. ASTM C847 - Standard Specification for Metal Lath 2018.
- Z. ASTM D4068 - Standard Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane 2017.
- AA. BAAQMD 8-51 - Bay Area Air Quality Management District Regulation 8, Rule 51, Adhesive and Sealant Products 2002.
- BB. SCAQMD 1168 - Adhesive and Sealant Applications 1989 (Amended 2017).
- CC. TCNA (HB) - Handbook for Ceramic, Glass, and Stone Tile Installation 2019.

1.04 ADMINISTRATIVE REQUIREMENTS

- A. Preinstallation Meeting: Convene a preinstallation meeting one week before starting work of this section; require attendance by affected installers.

1.05 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturers' data sheets on tile, mortar, grout, and accessories. Include instructions for using grouts and adhesives.
- C. Shop Drawings: Indicate tile layout, patterns, color arrangement, perimeter conditions, junctions with dissimilar materials, control and expansion joints, thresholds, and setting details.
- D. Samples: Mount tile and apply grout on two plywood panels, minimum 18 by 18 inches in size illustrating pattern, color variations, and grout joint size variations.
- E. Manufacturer's Certificate: Certify that products meet or exceed specified requirements.
 - 1. Submit manufacturer's certification that grout materials being provided are suitable for intended use, meet or exceed referenced ANSI standards, and are listed on Ceramic Tile Institute "Tested Materials" list.
- F. Master Grade Certificate: Submit for each type of tile, signed by the tile manufacturer and tile installer.
 - 1. Prior to shipment of tile to jobsite, deliver Master Grade Certificates to Architect, complying with TCNA/ANSI A137.1.
- G. Installer's Qualification Statement:
 - 1. Submit documentation of National Tile Contractors Association (NTCA) or Tile Contractors' Association of America (TCAA) accreditation.
 - 2. Submit documentation of completion of apprenticeship and certification programs.
- H. Maintenance Data: Include recommended cleaning methods, cleaning materials, and stain removal methods.
- I. Maintenance Materials: Furnish the following for District's use in maintenance of project.
 - 1. Extra Tile: One box, minimum of 24 pieces of each size, color, and surface finish combination.

1.06 QUALITY ASSURANCE

- A. Maintain one copy of and ANSI A108/A118/A136 and TCNA (HB) on site.
- B. Manufacturer Qualifications: Company specializing in manufacturing the types of products specified in this section, with minimum five years of documented experience.
- C. Installer Qualifications:
 - 1. Company specializing in performing tile installation, with minimum of five years of documented experience.
 - a. Accredited Five-Star member of the National Tile Contractors Association (NTCA) or Trowel of Excellence member of the Tile Contractors' Association of America (TCAA).
 - 2. Installer Certification:
 - a. Ceramic Tile Education Foundation (CTEF): Certified Tile Installer (CTI).

- b. Apprenticeship Program: Installer has achieved Journeyworker status through an apprenticeship from the International Union of Bricklayers and Allied Craftworkers (IUBAC) or a U.S. Department of Labor (DOL)-recognized program.
- c. Advanced Certifications for Tile Installers (ACT): Certification in the installation of membranes, mortar bed (mud) floors, mortar (mud) walls, shower receptors, large format tile, gauged porcelain tile/panels/slabs, and grouts.

1.07 MOCK-UP

- A. See Section 01 40 00 - Quality Requirements, for general requirements for mock-up.
- B. Construct tile mock-up where indicated on drawings, incorporating all components specified for the location.
 - 1. Minimum size of mock-up is indicated on drawings.
 - 2. Approved mock-up may remain as part of the Work.

1.08 DELIVERY, STORAGE, AND HANDLING

- A. Protect adhesives from freezing or overheating in accordance with manufacturer's instructions.

1.09 FIELD CONDITIONS

- A. Maintain ambient and substrate temperature above 50 degrees F and below 100 degrees F during installation and curing of setting materials.

PART 2 PRODUCTS

2.01 REGULATORY REQUIREMENTS

- A. Requirements for Persons with Disabilities: Provide ceramic tile flooring meeting slip-resistant requirements of California Code of Regulations (CCR), Title 24, Part 2, Chapter 11B and ADA Standards, latest amendment.
 - 1. Tile flooring surface shall be stable, firm, and slip resistant. CBC Section 11B-302.1 General.
 - 2. Tile flooring Surface shall demonstrate a dynamic coefficient of friction of at least 0.42 wet per DCOF AcuTest ANSI A137.1 Section 9.6 and ANSI/NFSI B101.3(using a BOT-3000 testing unit) will be accepted as meeting the intent of slip resistance; CBC 11B-302 Floor or Ground Surfaces and ADA Standards.
 - a. Ramp surface: Provide wet DCOF value of 0.46.
- B. California Plumbing Code:
 - 1. Floor Drains:
 - a. Inspection of Work - All surfaces prepared by others shall be inspected by the tile installer before starting tile work and all unsatisfactory conditions reported to the Administrative Authority. Starting tile work by the tile installer shall be considered as acceptance of surfaces prepared by others.
 - b. Surfaces - All surfaces to receive tile work shall be clean, structurally sound, and slopes shall to conform to CBC.

Note: No tile work shall proceed until the pan and drain construction has been inspected and approved by the Administrative Authority, where required.

2. Definition:
 - a. Receptor: An approved plumbing fixture or device of such material, shape, and capacity as to adequately receive the discharge from indirect waste pipes, so constructed and located as to be readily cleaned. CPC 220.0

2.02 TILE

- A. Manufacturers: All products by the same manufacturer.
 1. Crossville: www.crossvilleinc.com.
 2. Dal-Tile Corporation: www.daltile.com/#sle.
 3. Substitutions: See Section 01 60 00 - Product Requirements.
- B. Porcelain Tile, Type PT-1: ANSI A137.1 standard grade.
 1. Moisture Absorption: 0 to 0.5 percent as tested in accordance with ASTM C373.
 2. Size: as indicated on Drawings, nominal.
 3. Thickness: 3/8 inch.
 4. Edges: Cushioned.
 5. Surface Finish: Unglazed.
 - a. Dynamic Wet Slip Resistance DCOF AcuTest: 0.42
 6. Color(s): To be selected by Architect from manufacturer's standard range.
 7. Trim Units: Matching bullnose, double bullnose, cove base, and cove shapes in sizes coordinated with field tile.

2.03 TRIM AND ACCESSORIES

- A. Ceramic Trim: Matching bullnose, double bullnose, cove base, and cove ceramic shapes in sizes coordinated with field tile.
 1. Applications:
 - a. Open Edges: Bullnose.
 - b. Inside Corners: Jointed.
 - c. Floor to Wall Joints: Cove base.
 2. Manufacturers: Same as for tile.
- B. Non-Ceramic Trim: Brushed stainless steel, style and dimensions to suit application, for setting using tile mortar or adhesive.
 1. Applications:
 - a. Open edges of wall tile.
 - 1) Stainless steel: Schluter - SCHIENE.
 - b. Open edges of floor tile.
 - 1) Stainless steel: Schluter - SCHIENE.
 - c. Wall corners, outside and inside.

- 1) Outside Corner:
 - (a) Stainless Steel: Schluter - ECK-E.
- 2) Inside Corner:
 - (a) Stainless Steel: Schluter - ECK-KHK.
2. Manufacturers:
 - a. Schluter-Systems: www.schluter.com/#sle.
 - b. Genesis APS International: www.genesis-aps.com/#sle.
 - c. Substitutions: See Section 01 60 00 - Product Requirements.

2.04 SETTING MATERIALS

- A. Provide setting and grout materials from same manufacturer.
- B. Interior adhesives, sealants, primers and sealants used as filler must meet the requirements of low emitting materials. Conform to SCAQMD 1168 and BAAQMD 8-51.
- C. Manufacturers:
 1. Custom Building Products: www.custombuildingproducts.com/#sle.
 2. LATICRETE International, Inc: www.laticrete.com/#sle.
 3. Mapei Corporation: www.mapei.com.
 4. Merkrete, by Parex USA, Inc: www.merkrete.com/#sle.
 5. TEC, an H.B. Fuller Construction Products Brand: www.tecspecialty.com/#sle.
 6. Substitutions: See Section 01 60 00 - Product Requirements.
- D. Epoxy Adhesive and Mortar Bond Coat: ANSI A118.3.
 1. Applications: Where indicated on drawings.
 2. Products:
 - a. Custom Building Products; EBM-Lite Epoxy Bonding Mortar: www.custombuildingproducts.com/#sle.
 - b. LATICRETE International, Inc; LATICRETE LATAPOXY 300 Adhesive: www.laticrete.com/#sle.
 - c. Merkrete, by Parex USA, Inc; Merkrete Pro Epoxy: www.merkrete.com/#sle.
- E. Organic Adhesive: ANSI A136.1, thinset mastic type.
 1. Use Type I in areas subject to prolonged moisture exposure.
 2. Products:
 - a. ARDEX Engineered Cements; ARDEX D14: www.ardexamericas.com/#sle.
 - b. Custom Building Products; ReliaBond Ceramic Tile Adhesive - Type 1: www.custombuildingproducts.com/#sle.
 - c. LATICRETE International, Inc; LATICRETE 15 Premium Mastic: www.laticrete.com/#sle.
 - d. MAPEI Corporation; Type 1: www.mapei.com.
 - e. Merkrete, by Parex USA, Inc; Merkrete Merstik: www.merkrete.com/#sle.
 - f. Substitutions: See Section 01 60 00 - Product Requirements.

- F. Mortar Bed Materials: Pre-packaged mix of Portland cement, sand, latex additive, and water.
 - 1. Products:
 - a. ARDEX Engineered Cements; A 38: www.ardexamericas.com/#sle.
 - b. Custom Building Products; ProLite Tile & Stone Mortar: www.custombuildingproducts.com.
 - c. LATICRETE International, Inc; LATICRETE 3701 Fortified Mortar Bed: www.laticrete.com/#sle.
 - d. Merkrete, by Parex USA, Inc; Merkrete Underlay C: www.merkrete.com/#sle.
 - e. Proflex Products, Inc; MSI - Mud Set Installation: www.proflex.us/#sle.
 - f. QuikCrete; 4:1 Deck Mud: www.custombuildingproducts.com

2.05 GROUTS

- A. Provide setting and grout materials from same manufacturer.
- B. Epoxy Grout: ANSI A118.3 chemical resistant and water-cleanable epoxy grout.
 - 1. Applications: Toilet room floors and walls. G-1.
 - 2. Color(s): As selected by Architect from manufacturer's full line.
 - 3. Products:
 - a. ARDEX Engineered Cements; ARDEX WA: www.ardexamericas.com/#sle.
 - b. Custom Building Products; CEG-Lite 100% Solids Commercial Epoxy Grout: www.custombuildingproducts.com/#sle.
 - c. LATICRETE International, Inc; LATICRETE SPECTRALOCK PRO Premium Grout: www.laticrete.com/#sle.
 - d. MAPEI Corporation; Kerapoxy Epoxy Grout: www.mapei.com.
 - e. Merkrete, by Parex USA, Inc; Merkrete Pro Epoxy: www.merkrete.com/#sle.
 - f. TEC, an H.B. Fuller Construction Products Brand; TEC AccuColor EFX Epoxy Special Effects Grout: www.tecspecialty.com/#sle.
- C. Stain Resistant Grout Additive: Liquid admixture for sanded and unsanded cement-based grouts; mix with dry grout material in place of water.
 - 1. Applications: Toilet room floors.

2.06 MAINTENANCE MATERIALS

- A. Tile Sealant: Gunnable, silicone, siliconized acrylic, or urethane sealant; moisture and mildew resistant type.
 - 1. Applications: Between tile and plumbing fixtures.
 - 2. Color(s): As selected by Architect from manufacturer's full line.
 - 3. Products:
 - a. Custom Building Products; Commercial 100% Silicone Caulk: www.custombuildingproducts.com/#sle.
 - b. LATICRETE International, Inc; LATICRETE LATASIL: www.laticrete.com/#sle.
 - c. MAPEI Corporation; Mapesil Silicone Sealant: www.mapei.com.

- d. Merkrete, by Parex USA, Inc; Merkrete Colored Caulking: www.merkrete.com/#sle.
- B. Grout Sealer: Liquid-applied, moisture and stain protection for existing or new Portland cement grout.
 - 1. Composition: Water-based colorless silicone.
 - 2. Products:
 - a. Specified Manufacturer: Aqua-Mix: www.custombuildingproducts.com; local representative Dale Roberts (951) 255-0243.
 - b. Merkrete, by Parex USA, Inc; Merkrete Grout Sealer: www.merkrete.com/#sle.
- C. Tile Sealer: Stain protection for natural stone.
 - 1. Products:
 - a. Custom Building Products; Aqua Mix Enrich 'N' Seal: www.custombuildingproducts.com/#sle.
 - b. STONETECH, a division of LATICRETE international, Inc; STONETECH Heavy Duty Stone Sealer: www.laticrete.com/#sle.
- D. Grout Release: Temporary, water-soluble pre-grout coating.
 - 1. Products:
 - a. Custom Building Products; Aqua Mix Grout Release: www.custombuildingproducts.com/#sle.

2.07 ACCESSORY MATERIALS

- A. Concrete Floor Slab Crack Isolation Membrane: Material complying with ANSI A118.12; not intended as waterproofing.
 - 1. Crack Resistance: No failure at 1/8 inch gap, minimum.
 - 2. Fluid or Trowel Applied Type:
 - a. Material: Synthetic rubber or Acrylic.
 - b. Thickness: 20 mils, maximum.
 - c. Products:
 - 1) Custom Building Products; Custom 9240 Waterproofing and Anti-Fracture Membrane: www.custombuildingproducts.com.
 - 2) LATICRETE International, Inc; LATICRETE Blue 92 Anti-Fracture Membrane: www.laticrete.com/#sle.
 - 3) MAPEI Corporation; Mapelastic HPG w/Fiberglass Mesh: www.mapei.com.
 - 4) Merkrete, by Parex USA, Inc; Merkrete Fracture Guard: www.merkrete.com/#sle.
 - 5) TEC, an H.B. Fuller Construction Products Brand; TEC HydraFlex Waterproofing Crack Isolation Membrane: www.tecspecialty.com/#sle.
- B. Waterproofing Membrane at Floors: Specifically designed for bonding to cementitious substrate under thick mortar bed or thin-set tile; complying with ANSI A118.10.
 - 1. Crack Resistance: No failure at 1/16 inch gap, minimum; comply with ANSI A118.12.
 - 2. Fluid or Trowel Applied Type:

GRANDSTAND UPGRADES
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- a. Material: Synthetic rubber or Acrylic.
 - b. Thickness: 25 mils, minimum, dry film thickness.
 - c. Products:
 - 1) Custom Building Products; RedGard Crack Prevention and Waterproofing Membrane: www.custombuildingproducts.com/#sle.
 - 2) TEC, an H.B. Fuller Construction Products Brand; TEC HydraFlex Waterproofing Crack Isolation Membrane: www.tecspecialty.com/#sle.
 - 3) LATICRETE International, Inc; LATICRETE HYDRO BAN: www.laticrete.com/#sle.
 - 4) Merkrete, by Parex USA, Inc; Merkrete Hydro Guard 2000: www.merkrete.com/#sle.
- C. Waterproofing Membrane at Showers and Tiled Tubs: Specifically designed for bonding to cementitious substrate under thick mortar bed or thin-set tile; complying with ANSI A118.10.
1. Fluid or Trowel Applied Type:
 - a. Material: Synthetic rubber.
 - b. Thickness: 25 mils, minimum, dry film thickness.
 - c. Products:
 - 1) Custom Building Products; RedGard Crack Prevention and Waterproofing Membrane: www.custombuildingproducts.com/#sle.
 - 2) LATICRETE International, Inc; LATICRETE HYDRO BAN: www.laticrete.com/#sle.
 - 3) Merkrete, by Parex USA, Inc; Merkrete Hydro Guard 2000: www.merkrete.com/#sle.
- D. Waterproofing Membrane Under Thick Mortar Bed at Showers and Tiled Tubs:
1. Material: Chlorinated polyethylene sheet, 40 mils thick, minimum; complying with ASTM D4068.
 2. Products:
 - a. Noble Company; Chloraloy Shower Pan Liner: www.noblecompany.com/#sle.
- E. Reinforcing Mesh: 2 by 2 inch size weave of 16/16 wire size; welded fabric, galvanized.
- F. Membrane at Walls:
1. Material: No. 15 asphalt saturated felt.
- G. Metal Lath: ASTM C847 Flat diamond mesh, of weight to suit application, galvanized finish.
- H. Backer Board: Cementitious type complying with ANSI A118.9; high density, glass fiber reinforced, 1/2 inch thick; 2 inch wide coated glass fiber tape for joints and corners.
1. Products:
 - a. Custom Building Products; WonderBoard Lite Backerboard: www.custombuildingproducts.com/#sle.
- I. Mesh Tape: 2 inch wide self-adhesive fiberglass mesh tape.

PART 3 EXECUTION

3.01 REGULATORY REQUIREMENTS FOR INSTALLATION

A. California Plumbing Code:

1. Floor Drains:
 - a. Floors shall be sloped maximum 2% to drains. CPC 411.4.
 - b. Shower receptors shall conform to the requirements for plumbing fixtures. CPC 411.5.
 - c. Each shower receptor shall be constructed to have a dam, curb or threshold that is not less than 1 inch lower than the sides and back of such receptor. In no case shall any dam or threshold be less than 2 inches or exceed 9 inches in depth when measured from the top of the dam or threshold to the top of the drain. Each receptor shall be provided with an integral flange to be located where the receptor meets the vertical surface of the finished interior of the shower compartment. CPC 411.6
 - 1) Water tight flange to extend minimum 1 inch above the top sides of the receptor. CPC 411.6.
 - 2) Finished floor slope: min. 1/4 inch per ft.; max. 1/2 inch per ft. CPC 411.6.
 - 3) CPC 411.6 Exception: Showers designed to comply with the accessibility standards listed in CPC Table 4-1.
 - d. Shower Dimensions (CPC 411.7): Min. 1,024 sq. in. and a 30 inch circle.
 - 1) Min. height (CPC 411.7): 70 inches above the shower drain.
 - 2) Exception: Accessible showers per CBC Chapter 11B.
2. Built-up Shower Receptors (CPC 411.8):
 - a. Provide a water-tight approved flanged floor drain.
 - b. Extend water-tight lining to a minimum of 3 inches above the finished dam or threshold height; including any other horizontal surfaces such as seats, shelves, or benches.
 - c. Provide a solid sub-base.
 - d. Lining floor slope: 1/4 inch per ft. toward the drain weep holes.
 - e. Folds, Laps and Reinforcing Webbing: Min. 4 inch overlap.
 - f. Webbing Tensile Strength: 50 psi, either direction.
 - g. Subdrain shall set flush with the sub-base with a clamping ring and weep holes.
 - 1) Weep holes shall be protected from clogging.
 - h. Shower lining materials shall conform to approved standards acceptable to OSHPD.
 - i. Field Test (CPC 418.1):
 - 1) Test each shower receptor for water tightness by filling with water to the level of the rough threshold.
 - 2) Place the test plug to subject both levels of the drain, subpan and clamping ring to standing water.

3.02 EXAMINATION

- A. Verify that sub-floor surfaces are smooth and flat within the tolerances specified for that type of work and are ready to receive tile.
 - 1. Walls and floors to be level, plumb and true to within the listed for each applicable TCNA (HB) assembly method used.
- B. Verify that wall surfaces are smooth and flat within the tolerances specified for that type of work, are dust-free, and are ready to receive tile.
- C. Verify that sub-floor surfaces are dust-free and free of substances that could impair bonding of setting materials to sub-floor surfaces.
- D. Cementitious Subfloor Surfaces: Verify that substrates are ready for tiling installation by testing for moisture and alkalinity (pH).
 - 1. Test in accordance with Section 09 05 61.
 - 2. Obtain instructions if test results are not within limits recommended by tiling material manufacturer and setting material manufacturer.
 - 3. Follow moisture and alkalinity remediation procedures in Section 09 05 61.
- E. Verify that required floor-mounted utilities are in correct location.

3.03 PREPARATION

- A. Protect surrounding work from damage.
- B. Shade work from direct sunlight during tile installation as needed to prevent rapid evaporation caused by excessive heat.
- C. Vacuum clean surfaces and damp clean.
- D. Seal substrate surface cracks with filler. Level existing substrate surfaces to acceptable flatness tolerances.
- E. Install backer board in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of setting material to a feather edge.
- F. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

3.04 INSTALLATION - GENERAL

- A. Waterproof/Anti-Fracture Membrane Application: Comply with manufacturer's written instructions and recommendations for substrate, tile setting method and Project conditions.
- B. Install tile and thresholds and grout in accordance with applicable requirements of ANSI A108.1a through ANSI A108.19 , manufacturer's instructions, and TCNA (HB) recommendations.
- C. Expansion Joints: Provide expansion joints at locations and spacings as recommended by TCNA (HB) Detail EJ171 and as indicated on Drawings. Keep joints free of setting bed mix and grout.
- D. Lay tile to pattern indicated. Do not interrupt tile pattern through openings.
- E. Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.

- F. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make grout joints without voids, cracks, excess mortar or excess grout, or too little grout.
- G. Form internal angles square and external angles bullnosed.
- H. Install non-ceramic trim in accordance with manufacturer's instructions.
- I. Install thresholds where indicated.
- J. Sound tile after setting. Replace hollow sounding units.
- K. Keep control and expansion joints free of mortar, grout, and adhesive.
- L. Prior to grouting, allow installation to completely cure; minimum of 48 hours.
- M. Grout tile joints unless otherwise indicated. Use standard grout unless otherwise indicated.
- N. At changes in plane and tile-to-tile control joints, use tile sealant instead of grout, with either bond breaker tape or backer rod as appropriate to prevent three-sided bonding.

3.05 INSTALLATION - FLOORS - THIN-SET METHODS

- A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F113, dry-set or latex-Portland cement bond coat, with standard grout, unless otherwise indicated.
 - 1. Where waterproofing membrane is indicated, install in accordance with TCNA (HB) Method F122, with latex-Portland cement grout.

3.06 INSTALLATION - FLOORS - MORTAR BED METHODS

- A. Over interior concrete substrates, install in accordance with TCNA (HB) Method F111, with cleavage membrane, unless otherwise indicated.
 - 1. Where waterproofing membrane is indicated, with standard grout or no mention of grout type, install in accordance with TCNA (HB) Method F121.
- B. Cleavage Membrane: Lap edges and ends.
- C. Waterproofing Membrane: Install as recommended by manufacturer .
- D. Mortar Bed Thickness: 1-1/4 inch, unless otherwise indicated.

3.07 INSTALLATION - SHOWERS AND BATHTUB WALLS

- A. At tiled shower receptors install in accordance with TCNA (HB) Method B415, mortar bed floor, and W244, thin-set over cementitious backer unit walls.
- B. Grout with standard grout as specified above.

3.08 INSTALLATION - WALL TILE

- A. Over cementitious backer units on studs, install in accordance with TCNA (HB) Method W244, using membrane at toilet rooms.

3.09 GROUTING

- A. Joint Width: As follows unless indicated otherwise on Drawings.
 - 1. Glazed Wall Tile, Unmounted: As determined by spacing lugs.
 - 2. Glazed Floor Tile, Unmounted: 1/8 inch.
 - 3. Porcelain Floor Tile: 1/4 inch.
 - 4. Mounted Tile: As determined by factory-produced spacing.

- 5. Trim and Accessories: Match adjoining tile units.
- B. Wall Tile Grouting: TCNA/ANSI A108.10, latex-portland cement.
- C. Floor Tile Grouting: TCNA/ANSI A108.10, latex-portland cement.
- D. Do not begin grouting tiles until they are firmly set and a minimum of 48 hours of curing has occurred.
- E. Remove spacers, ropes, glue, and similar foreign matter prior to grouting.
- F. When using proprietary grout, comply with manufacturer's instructions and recommendations unless otherwise more stringent requirements are specified.
- G. Force maximum amount of approved grout into joints in accordance with pertinent recommendations contained in TCNA/ANSI A108.10.
- H. Fill joints of cushion-edge tile to depth of cushion; fill joints of square-edge tile flush with tile surface.
- I. Fill all gaps and skips.
- J. Do not permit mortar or mounting mesh to show through grouted joints.
- K. Provide hard finished grout which is uniform in color, smooth, and without voids, pin holes, or low spots.
- L. Leave tile clean.

3.10 TOLERANCES

- A. Subsurface Guidelines: Refer to TCNA (HB) for a complete guidelines.

Mortar Bed	1/4 inch: 10 feet
Thin Bed w/ cementitious bonding material w/ Tiles <15"	1/4 inch: 10 feet from plane Maximum 1/16 inch variation in 12 inches from high points.
Thin Bed w/ cementitious bonding material w/ Tiles any side >15"	1/8 inch: 10 feet from plane Maximum 1/16 inch variation in 24 inches from high points.
Thin Bed w/ organic adhesive bonding material w/ Tiles any side >15"	1/16 inch in 3 feet No abrupt irregularities >1/32 inch

- B. Lippage Guidelines: Refer to TCNA (HB) for a complete guidelines.

Tile Type	Tile Size (in.)	Joint Width (in.)	Allowable Lippage (in.)
Glazed Wall/ Mosaics	1 x 1 to 6 x 6	1/16 to 1/8	1/32
Quarry	6 x 6 to 8 x 8	1/4 or greater	1/16
Pressed Floor and Porcelain Tiles	All	1/16 to less than 1/4	1/32
Pressed Floor	All	1/4 or greater	1/16

and Porcelain Tiles			
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3.11 JOINT SEALANT

- A. Apply sealant after tile is grouted, grout is cured and tile field is thoroughly clean and dry.
- B. Seal between tile and all penetrating elements.
- C. Seal perimeter of tile field where tile base is not provided.
- D. Sealant Locations shall include:
 - 1. Around plumbing penetrations.
 - 2. Around door frames and other items set in wall.
- E. Refer to Section 07 92 00 - Joint Sealants for additional requirements.

3.12 GROUT SEALER

- A. Clean grout and apply sealer in accordance with manufacturer's instructions and recommendations.

3.13 FIELD QUALITY CONTROL

- A. See Section 01 40 00 - Quality Requirements, for additional requirements.
- B. Provide manufacturer's field representative to inspect waterproofing.
- C. Test shower linings with standing water to the top of the rough threshold for a period of minimum 24 hours. CPC 418.1.
 - 1. A test plug shall be so placed that both the upper and under sides of the lining shall be subjected to test at its point of contact with the sub-drain.
 - a. When the test plug is removed, all of the test water shall drain out by gravity through the weep holes.
 - b. A ring of non-absorbent material must be placed around the weep holes to keep them open when the finish materials are installed.
 - 2. Verify water level has not changed beyond normal evaporation.
 - 3. Inspect floor below and adjacent surfaces for leaks.
- D. Repair or remove and reinstall as required.
- E. Repeat until a satisfactory result is achieved.

3.14 CLEANING

- A. Clean tile and grout surfaces.

3.15 PROTECTION

- A. Do not permit traffic over finished floor surface for 4 days after installation.

END OF SECTION

ABBREVIATIONS

&	AND	(E)	EXISTING	K	KIP (1000 LB)	R	RISER
∠	ANGLE	EA.	EACH	KT.	KITCHEN	RAD.	RADIUS
⊕	AT	E.A.	EXPANSION JOINT	KO	KNOCKOUT	R.I.	ROOF IRON
⊖	CENTERLINE	ELEC.	ELECTRICAL	KVA	KILOVOLT/AMPERE	REWD.	REDWOOD
∅	DIAMETER OR ROUND	ELEV.	ELEVATION	REF.	REFERENCE	REFR.	REFRIGERATOR
#	NUMBER	EMER.	EMERGENCY	LAB	LABORATORY	REG.	REGISTER
AB	ANCHOR BOLT	ENCL.	ENCLOSURE	LAM.	LAMINATED	REIN.	REINFORCING
AC	ASPHALTIC CONCRETE	ENG	ENGINEER	LAV.	LAVATORY	REQD.	REQUIRED
ACP	ACOUSTICAL PANEL	ENY	ENERGY	LDG	LOADING	RESIL.	RESILIENT
ACT	ACOUSTICAL TILE	ENTR	ENTRANCE	LL	LANDING	RET	RETURN
ADUS	ACOUSTICAL	EP	EPOXY EMBEL	LV	LINE LOAD	REV.	REVERSE
AD	AREA DRAIN	EQ.	EQUAL	LT	LIGHT	R.F.S.	ROOF FINISH
ADH	ADHESIVE	EQUIP.	EQUIPMENT	LTF	LINOLEUM TILE FLOORING	RFG	ROOFING
ADJ	ADJACENT	EST.	ESTIMATE	LTD	LIGHTING	RK	ROOM
AF	ABOVE FINISH FLOOR	E.W.C.	ELECTRIC WATER COOLER	LVL	LEVEL	R.O.	ROUGH OPENING
AFP	ACCORDIAN FOLDING PARTITION	EMH	ELECTRIC WATER HEATER	LVR	LOUVER	R.T.F.	RUBBER TILE FLOORING
AGR	AGGREGATE	EKH	EXHAUST	MAINT	MAINTENANCE	S.B.	SPLASH BLOCK
ALT	ALTERNATE	EXST.	EXISTING	MAN	MANUAL	S.C.	SOLID CORE
ALUM	ALUMINUM	EXP.	EXPOSED	MAS	MASONRY	SCHED.	SCHEDULE
AMP	AMPERE	EXT.	EXTERIOR	MATL.	MATERIAL	SDN	SOLID CORE NATURAL FINISH
AND	AND/ED	F	FACTORY FINISH	MAX.	MAXIMUM	SFP	SOLID CORE PAINT FINISH
APPROX	APPROXIMATELY	MCC	MOTOR CONTROL CENTER	MCC	MOTOR CONTROL CENTER	SFL	SOLID CORE PLAIN FINISH
ARCH	ARCHITECT	F.A.	FIRE ALARM	MECH.	MECHANICAL	S.D.	STORM DRAIN
ASB	ASBESTOS	FC	FOOTCANDLE	MED	MEDIUM	SECT.	SECTION
ASSY	ASSEMBLY	F.D.	FLOOR DRAIN	MEZZ	MEZZANINE	SF	SQUARE FOOT
BAT	BATTERY	FD	FIRE DEPARTMENT CONNECTION	MFR.	MANUFACTURER	SHT.	SHEET
BBD	BULLETIN BOARD	FDN	FOUNDATION	MH	MANHOLE	SMLR	SMALLER
BD	BOARD	F.E.	FIRE EXTINGUISHER	MNL	MINIMUM	SNR	SEALER
BDO	BUILDING	F.E.C.	FIRE EXTINGUISHER CABINET	MIR	MIRROR	SPEC.	SPECIFICATIONS
BUDG	BUDGETING	F.F.	FINISH FLOOR	MISC.	MISCELLANEOUS	SPRY	SUPPLY
BUD	BUILDING	F.G.	FACE OF GROUT	MNR	MARKER	SQ.	SQUARE
BLO	BLOWER	F.H.	FIRE HYDRANT	MTL	METAL	S.S.K.	STAINLESS STEEL
BLR	BOLTER	FN.	FINISH	MTL	MOUNTED	ST	STREET
BLV	BELOW	F.L.	FLOW LINE	MUL	MULLION	STAG	STAGGERED
BM	BEAM	FLSH.	FLASHING	MVL	MOVABLE	STC	SOUND TRANSMISSION CLASS
BO	BOTTOM OF	FLOR.	FLOOR	(N)	NEW	STD.	STANDARD
BRKR	BREAKER	F.LOR.	FLOURESCENT	NAT.	NATURAL	STN	STEEL
BTU	BRITISH THERMAL UNIT	F.O.C.	FACE OF CONCRETE	NEG	NEGATIVE	STN FINISH	STAIN FINISH
BUR	BUILT UP ROOFING	F.O.F.	FACE OF FINISH	NO.	NOT IN CONTRACT	STR	STORAGE
CAB	CABINET	F.O.M.	FACE OF MASONRY	NOL.	NOMINAL	STRCT.	STRUCTURAL
CARP	CARPET	F.O.S.	FACE OF STUD	NOM.	NOMINAL	SURF	SURFACE
CAT	CATALOG	FPF	FOLDING PANEL PARTITION	N.T.S.	NOT TO SCALE	SUSP.	SUSPENDED
CB	CATCH BASIN	FPW	FOLDING PANEL WOOD DOOR	O.A.	OVERALL	SV	SHEET VINYL
CEM	CEMENT	F.R.	FIRE RETARDANT	O.C.	ON CENTER	SWGD	SWITCHBOARD
CF	CURB FACE	F.R.A.	FIRE RATED ASSEMBLY	O.D.	OUTSIDE DIAMETER	SWGR	SWITCHGEAR
CFM	CUBIC FEET PER MINUTE	F.R.P.	FIBERGLASS REINFORCED PANEL	O.F.	OVERFLOW	SWR	SEWER
CHBD	CHALKBOARD	F.S.	FLOOR SINK	O.F.	OVERFLOW DRAIN	SYM	SYMBOL
CHBR	CHEMICAL	FT.	FOOT OR FEET	OFCI	OWNER FURNISHED CONTRACTOR	SYS	SYSTEM
CHRM	CHILLED WATER RETURN	FTS.	FOOTING	OFF	OWNER FURNISHED OWNER	T.	TREAD
CHWS	CHILLED WATER SUPPLY	FTL	FOOTING	OFFC	OWNER FURNISHED CONTRACTOR	T.&B.	TOP AND BOTTOM
CI	CAST IRON	FXTR	FIXTURE	OFFC	OWNER FURNISHED CONTRACTOR	T.&G.	TONGUE AND GROOVE
CR	CIRCLE	G.	GAS	OPNG.	OPENING	T.C.	TOP OF CURB
CJ	CONTROL JOINT	GA.	GAGE	OPP.	OPPOSITE	TD	TRENCH DRAIN
CL	CENTERLINE	GALV.	GALVANIZED	OVD	OVERHEAD	TECH.	TECHNICAL
C.L.G.	CEILING	GB	GRAB BAR	PART.	PARTITION	TEL.	TELEPHONE
CLO	CLOSET	GL	GALVANIZED IRON	PB	PULL BOX	TEMP.	TEMPERATURE
CLOM	CLASSROOM	GL	GALVANIZED IRON	PB	PULL BOX	T.G.	TOP OF GRADE
CMT	CERAMIC MOSAIC TILE	GL	GALVANIZED IRON	PB	PULL BOX	THK	THICK
CNU	CONCRETE MASONRY UNIT	G.L.L.	GULLY	PBD	PARADELBOARD	THRES.	THRESHOLD
CND	CONDUIT	GND.	GROUND	PC	PORTLAND CEMENT	THRU	THROUGH
CO	CLEANOUT	GRN	GALLONS PER MINUTE	PD	PORTLAND CEMENT	THRU	THROUGH
COL	COLUMN	GR.	GROOVE	PERF	PERFORATED	T&B	TACKBOARD
COMM	COMMUNICATION	GYP.	GYP-SUM	PERP	PERPENDICULAR	T.O.	TOP OF
COMP	COMPOSITION	H.B.	HOSE BIBB	PE	PAINT EGGSHELL	T.O.P.	TOP OF PARAPET
CONC	CONCRETE	H.C.	HOLLOW CORE NATURAL FINISH	PF	PAINT FLAT	TOT	TOTAL
CONF	CONFERENCE	H.C.	HOLLOW CORE NATURAL FINISH	PG	PAINT GLOSS	T.P.	TOP OF PAVING
CONN	CONNECTION	HCP	HOLLOW CORE PAINT FINISH	PH	POST HANGING	TRNF.	TRANSFER
CONT	CONTINUOUS	HCB.	HEADER	PH	POST HANGING	TRNF.	TRANSFER
CONTR	CONTRACTOR	HR	HEADER	PH	POST HANGING	TRNF.	TRANSFER
COORD	COORDINATE	HDR	HEADER	PH	POST HANGING	TRNF.	TRANSFER
CORR	CORRIDOR	HDL	HARDWARE	PL	PLATE	TY.	TYPICAL
COV	COVER	HDM.	HARDWOOD	PLAM.	PLASTIC LAMINATE	UGND	UNDERGROUND
CP	CONTROL PANEL	HGT.	HEIGHT	PLAS.	PLASTER	UNFN.	UNFINISHED
CR	CONDENSATE RETURN	H.M.	HOLLOW METAL	PLAT.	PLATFORM	UNO.	UNLESS NOTED OTHERWISE
CSWK	CASEWORK	HORIZ.	HORIZONTAL	PLBG	PLUMBING	U.O.S.	UNDERSIDE OF STRUCTURE
CTK	CERAMIC TILE	HP	HORSEPOWER	PLF	POUNDS PER LINEAR FOOT	UR.	URINAL
CTSK	COUNTERSINK	HR.	HOUR	PLYWD.	PLYWOOD	UTL.	UTILITY
CTV	CABLE TELEVISION	HRS.	HEATING	PNE.	PANE	V.	VOLT
CW	COLD WATER	HTS	HOT WATER RETURN	POS	POSITIVE	VAC	VACUUM
DBL	DOUBLE	HTS	HOT WATER RETURN	PR	PUR	VAV	VARIABLE AIR VOLUME
DEMO	DEMOLITION	HTS	HOT WATER RETURN	PR	PUR	V.C.T.	VINYL COMPOSITION TILE
DEPT	DEPARTMENT	HV	HEAVY	PREFAB	PREFABRICATED	VERT.	VERTICAL
DET	DETAIL	HW	HOT WATER	PREFIN	PREFINISHED	VEST.	VESTIBULE
DF	DRAINING FOUNTAIN	ID.	INSIDE DIAMETER	PRJ	PROJECT	VFWC	VINYL FABRIC WALL COVERING
DE	DECOMPOSED GRANITE	IN	INVERT ELEVATION	PSG	POUNDS PER SQUARE FOOT	W	WATT
DI	DIAMETER	INEL.	INSULATION	PSI	POUNDS PER SQUARE INCH	W	WATT
DM	DIMENSION	INT.	INTERIOR	PVC	POLYVINYL CHLORIDE	W	WATT
DSP.	DISPENSER	INT.	INTERIOR	Q.T.	QUANTITY	W.C.	WATER CLOSET
DST.	DISTANCE	INV.	INVERT	Q.T.	QUANTITY	WD.	WOOD
DV.	DIVISION	IR	IRRIGATION WATER	QTY	QUANTITY	WIND.	WINDOW
D.L.	DEAD LOAD	JAN.	JANITOR	W	WATT	WHSE	WAREHOUSE
DN	DOWN	JCT.	JUNCTION	W	WATT	WL	WIND LOAD
DS.	DOWN SPOUT	JT.	JOINT	W	WATT	WLD	WELDED
DWG.	DRAWING			WP	WORKING POINT	WRP	WATERPROOFING
				WRP	WATERPROOFING	WR	WATER RESISTANT
				WRP	WATERPROOFING	W.SCT.	WAINSCOT
				WRP	WATERPROOFING	WT	WEIGHT
				WRP	WATERPROOFING	W.W.F.	WELDED WIRE FABRIC
				WRP	WATERPROOFING	XFR	TRANSFORMER

PROJECT DIRECTORY

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GENERAL NOTES

ALL WORK TO CONFORM TO 2019 EDITION TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATIONS SHALL BE MADE BY ADDENDA OR CHANGE ORDERS APPROVED BY THE DIVISIONS OF THE STATE ARCHITECT, AS REQUIRED BY SECTION 4-336, PART 1, TITLE 24, CCR.

A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE (PART 1, TITLE 24 CCR).

A DSA CERTIFIED INSPECTOR WITH CLASS (1) CERTIFICATION IS REQUIRED FOR THIS PROJECT

A DSA ACCEPTED TESTING LABORATORY DIRECTLY EMPLOYED BY THE SCHOOL BOARD SHALL CONDUCT ALL THE REQUIRED TESTS AND INSPECTIONS FOR THE PROJECT.

GRADING PLANS, DRAINING IMPROVEMENTS, ROAD AND ACCESS REQUIREMENTS AND ENVIRONMENTAL HEALTH CONSIDERATIONS SHALL COMPLY WITH ALL LOCAL ORDINANCES.

THE PROVISIONS OF CFC & CBC CH. 33 SHALL BE ENFORCED ON THIS PROJECT.

APPLICABLE CODES

APPLICABLE CODES AS OF JANUARY 1, 2020:

2019 CALIFORNIA ADMINISTRATIVE CODE (CAC), PART 1, TITLE 24 CCR*	2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 CCR (2018 INTERNATIONAL BUILDING CODE, VOL. 1 & 2, AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR (2017 NATIONAL ELECTRICAL CODE AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR (2018 IAPMO UNIFORM MECHANICAL CODE AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 CCR (2018 IAPMO UNIFORM PLUMBING CODE AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR	2019 CALIFORNIA FIRE CODE (FC), PART 9, TITLE 24 CCR (2018 INTERNATIONAL FIRE CODE AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24 CCR (2018 INTERNATIONAL EXISTING BUILDING CODE AND 2019 CALIFORNIA AMENDMENTS)	2019 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN), PART 11, TITLE 24 CCR	2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR	TITLE 19 CCR, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS	2018 ASME A17.1/CSA B44-13 SAFETY CODE FOR ELEVATORS AND ESCALATORS (PER 2019 CBC PART 2 CH 35)	2016 CALIFORNIA ELEVATOR UNIT ENFORCES CCR TITLE 8 AND USES THE 2004 ASME A17.1 BY ADOPTION
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PARTIAL LIST OF APPLICABLE STANDARDS

NFPA 13	Standard for the Installation of Sprinkler Systems (CA amended)	2016 EDITION
NFPA 14	Standard for the Installation of Standpipe and Hose Systems (CA amended)	2016 EDITION
NFPA 17	Standard for Dry Chemical Extinguishing Systems	2017 EDITION
NFPA 17A	Standard for Wet Chemical Extinguishing Systems	2017 EDITION
NFPA 20	Standard for the Installation of Stationary Pumps for Fire Protection	2016 EDITION
NFPA 22	Standard for Water Tanks for Private Fire Protection	2016 EDITION
NFPA 24	Standard for the Installation of Private Fire Service Mains and Their Appurtenances (CA amended)	2016 EDITION
NFPA 72	National Fire Alarm and Signal Code (CA amended)	2016 EDITION
NFPA 80	Standard for Fire Doors and Other Opening Protective Devices	2016 EDITION
NFPA 2001	Standard on Clean Agent Fire Extinguishing Systems (CA amended)	2015 EDITION
UL 300	Standard for Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment	2005 (R2010)
UL 464	Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories	2003 EDITION
UL 521	Standard for Heat Detectors for Fire Protective Signaling Systems	1999 EDITION
UL 1971	Standard for Signaling Devices for the Hearing Impaired	2002 (R2010)
ICC 300	Standard for Bleachers, Folding and Telescopic Seating, and Grandstands	2017 EDITION

For a complete list of applicable NFPA standards refer to 2019 CBC (SFM) Chapter 35 and California Fire Code Chapter 80.

See California Building Code Chapter 35 for State of California amendments to the NFPA Standards.

*All parts of the 2019 California Building Code become effective January 1, 2020 except the effective date for the use of the 2019 Building Energy Efficiency Standards (Title 24, Part 1, Chapter 10) is January 8, 2019 and the effective date for the use of the California Administrative Code (Title 24, Part 1, Chapter 4) is January 8, 2019.

DRAWING LIST

GENERAL (NO. OF DRAWINGS - 2)
 T-1 COVER SHEET
 T-2 SHEET INDEX, GENERAL NOTES AND CODE ANALYSIS

ARCHITECTURAL (NO. OF DRAWINGS - 5)
 AS-1 SITE PLAN
 A-1 ENLARGED PLANS AND DETAILS
 A-2 DETAILS
 A-3 DETAILS
 A-4 MATERIAL SCHEDULE

ELECTRICAL (NO. OF DRAWINGS - 5)
 E-1 SITE PLAN, SYMBOLS LIST, SPECIFICATIONS
 E-2 SINGLE LINE DIAGRAM AND PANEL SCHEDULES
 E-3 LIGHTING PLANS
 E-4 EMERGENCY PHOTO METRICS
 E-5 TITLE 24 COMPLIANCE FORMS

(TOTAL NO. OF DRAWINGS - 12)

Statement of General Conformance

(Application No. 03-121237 File No. 19-H53)

The drawings or sheets listed on the cover or index sheet (marked by asterisk (*))
 This drawing, page of specifications/calculations

have been prepared by other design professionals or consultants who are licensed and/or authorized to prepare such drawings in this state. It has been examined by me for:

- design intent and appears to meet the appropriate requirements of Title 24, California Code of Regulations and the project specifications prepared by me, and
- coordination with my plans and specifications and is acceptable for incorporation into the construction of this project.

This Statement of General Conformance shall not be construed as relieving me of my rights, duties, and responsibilities under Sections 17302 and 81138 of the Education Code and Sections 4-336, 4-341 and 4-344* of Title 24, Part 1, (Title 24, Part 1, Section 4-317 (b))

I find that: All drawings or sheets listed on the cover or index sheet
 This drawing or page

Is/are in general conformance with the project design, and
 has/have been coordinated with the project design intent, and

Is/are in general conformance with the project design intent, and
 has/have been coordinated with the project plans and specifications.

Signature: *[Signature]* Date: MARCH 10, 2021
 Architect or Engineer designated to be in general responsible charge

Signature: _____ Date: _____
 Architect or Engineer designated to be in general responsible charge

Print Name: _____
 License Number: _____ Expiration Date: AUGUST 31, 2021

SUMMARY OF WORK

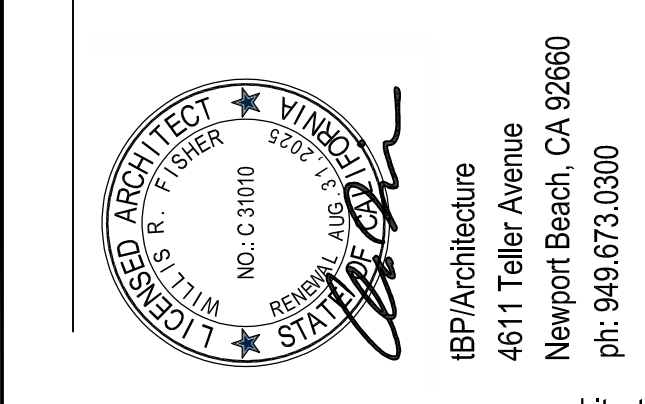
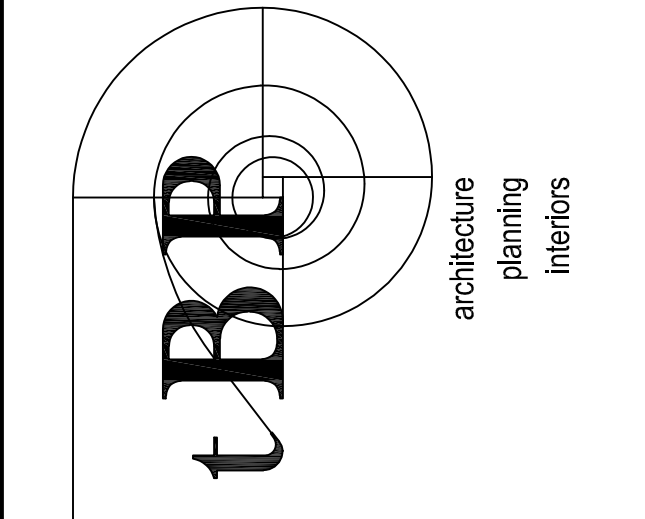
THIS PROJECT CONSISTS OF UNCONSTRUCTED CONTRACT II SCOPE OF WORK WHICH WAS NOT COMPLETED UNDER A#51163 AS LISTED ON #4 LETTER DATED 5/8/96.

A#51163 SHALL BE LINKED TO THIS APPLICATION 03-121237 TO CERTIFY BOTH PROJECTS UPON COMPLETION OF THE SCOPE OF WORK.

THE SCOPE OF WORK UNDER THIS APPLICATION 03-121237 INCLUDES:

- NEW UNDERBLEACHER LIGHTING
- TOILET ROOM UPGRADES

DIVISION OF THE STATE ARCHITECT
 1820 VIA FRONTERA, SUITE 300
 SAN DIEGO CA 92122
 PH: 619.674.5400 FC: 619.674.5471



GLEN A. WILSON HIGH SCHOOL GRANDSTAND UPGRADES

16455 E. WEDGEWORTH DRIVE
 HACIENDA HEIGHTS, CALIFORNIA 91745
 HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT

owner

BHP project number: 21135.00

file name: _____

drawn by: _____ checked by: _____

date: MARCH 10, 2021

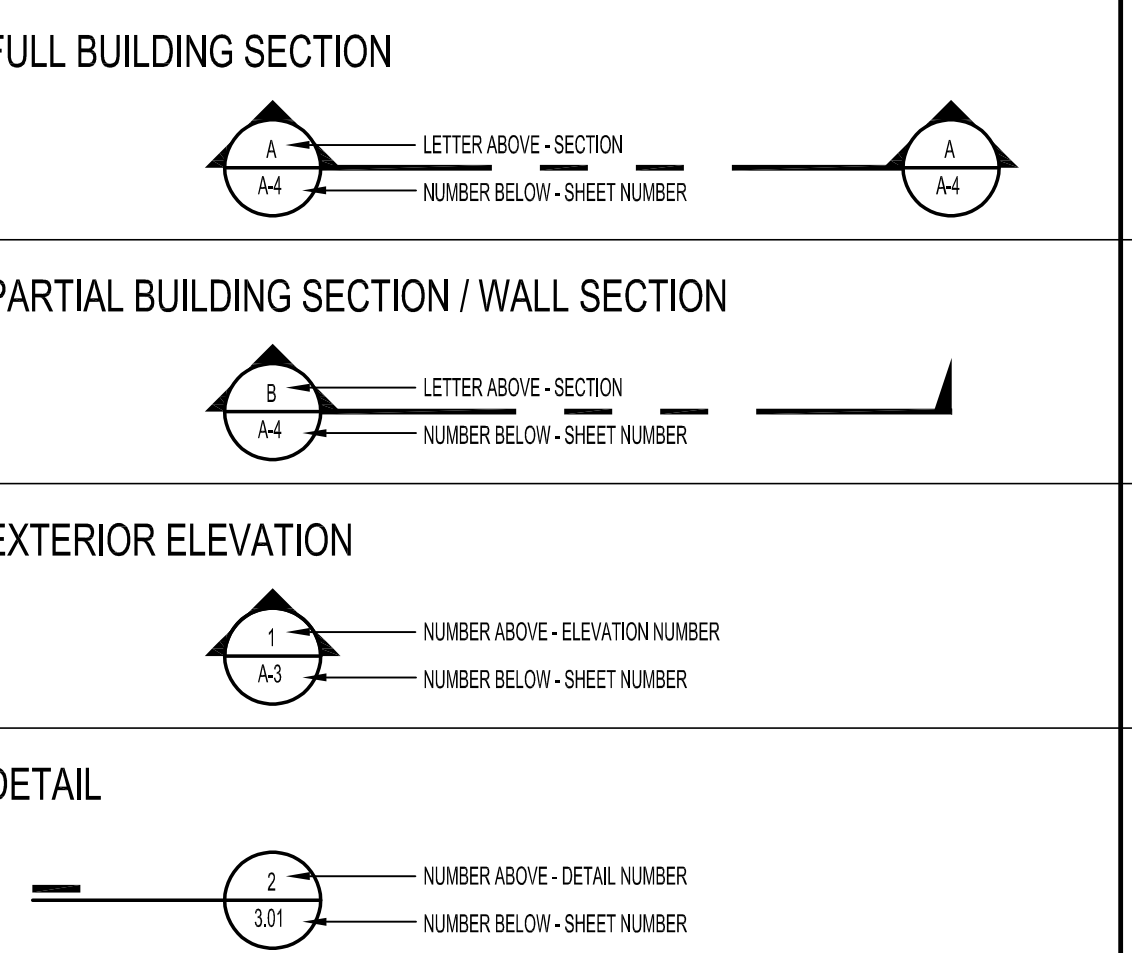
Rev: date: description:

1/31/25 ADDENDUM NO 1

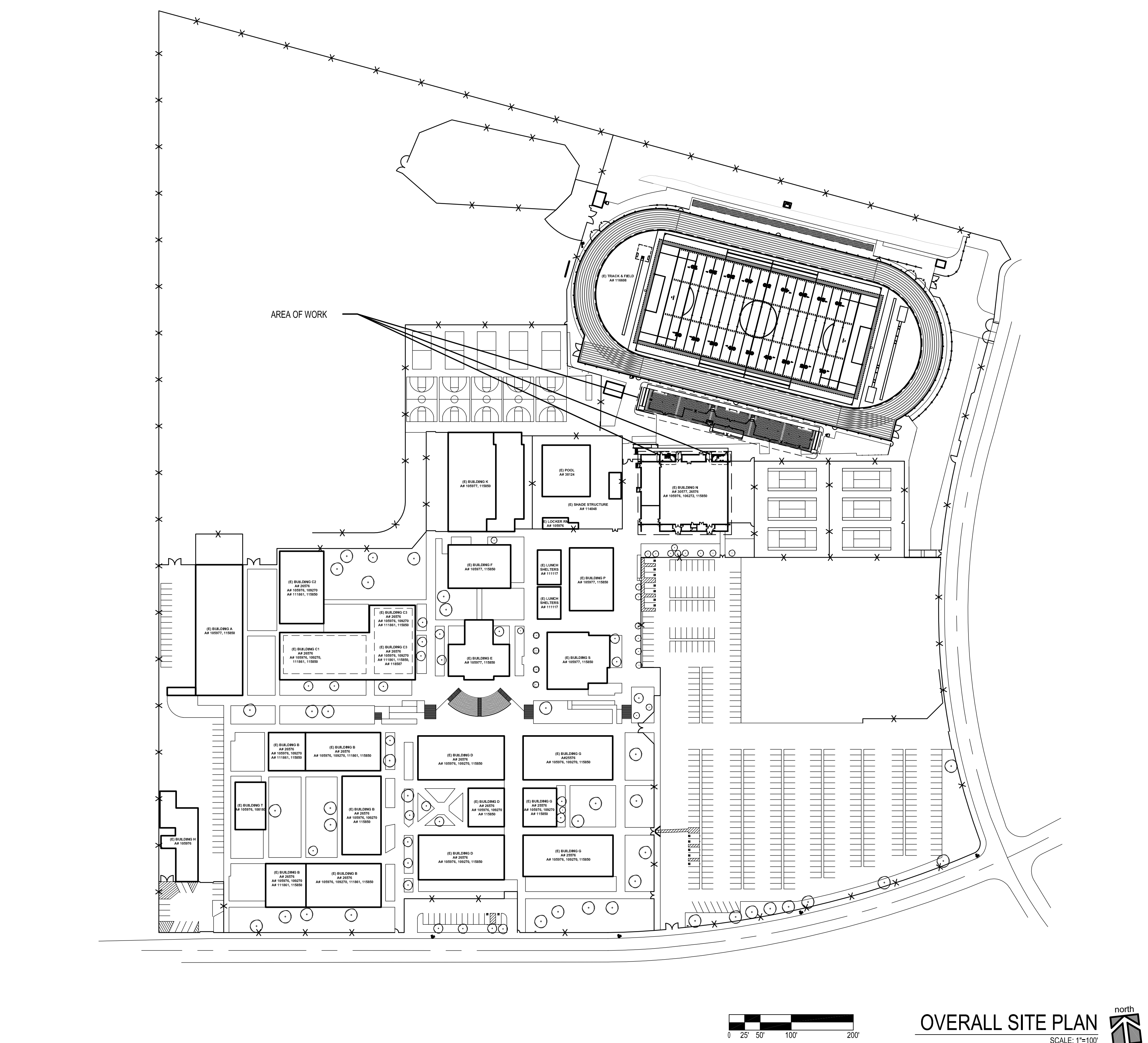
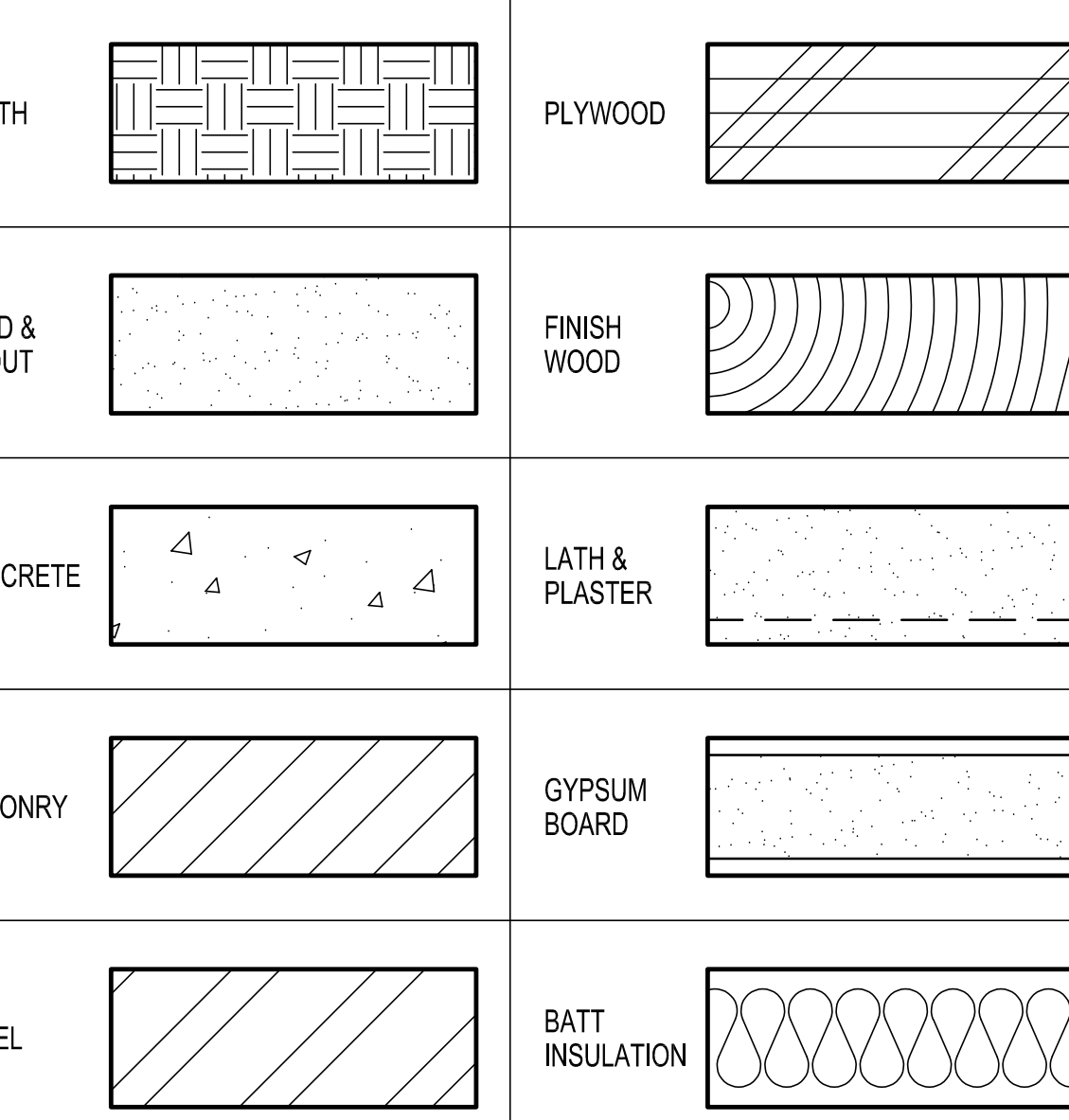
drawing title: **SHT. INDEX, GENERAL NOTES & SITE PLAN**

drawing no.: **T-2** drawing of

REFERENCE SYMBOLS



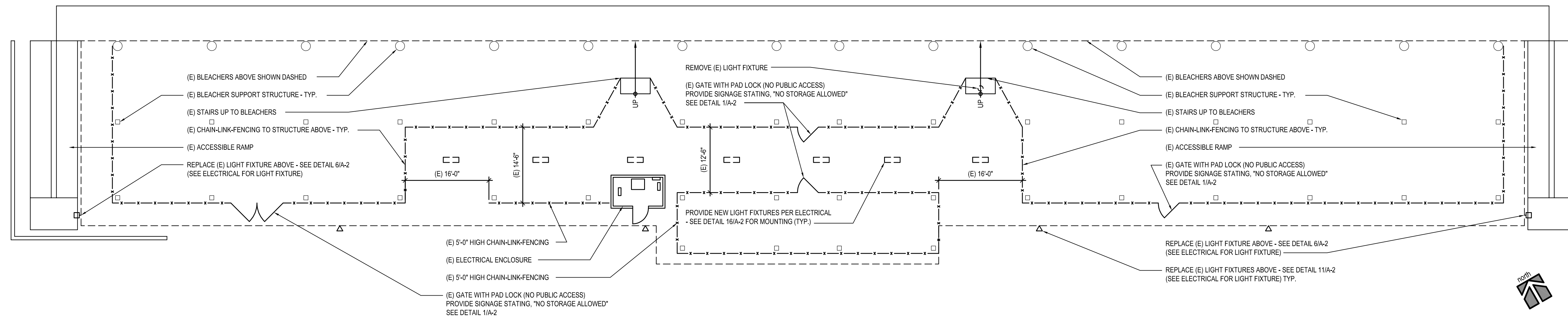
MATERIAL SYMBOLS



0 25 50 100 200

OVERALL SITE PLAN north

SCALE: 1"=100'



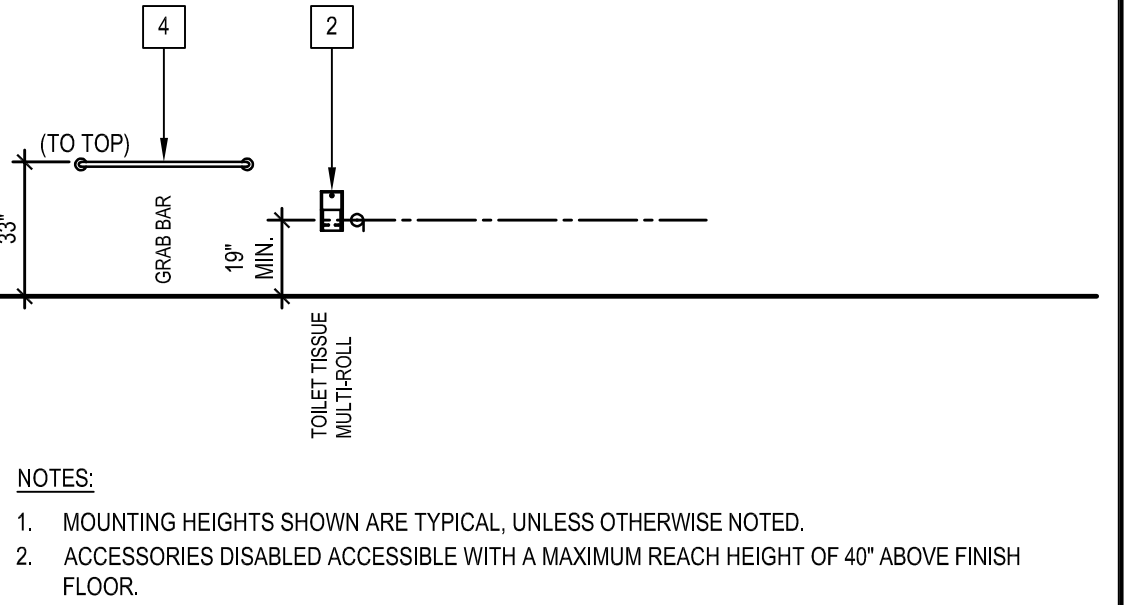
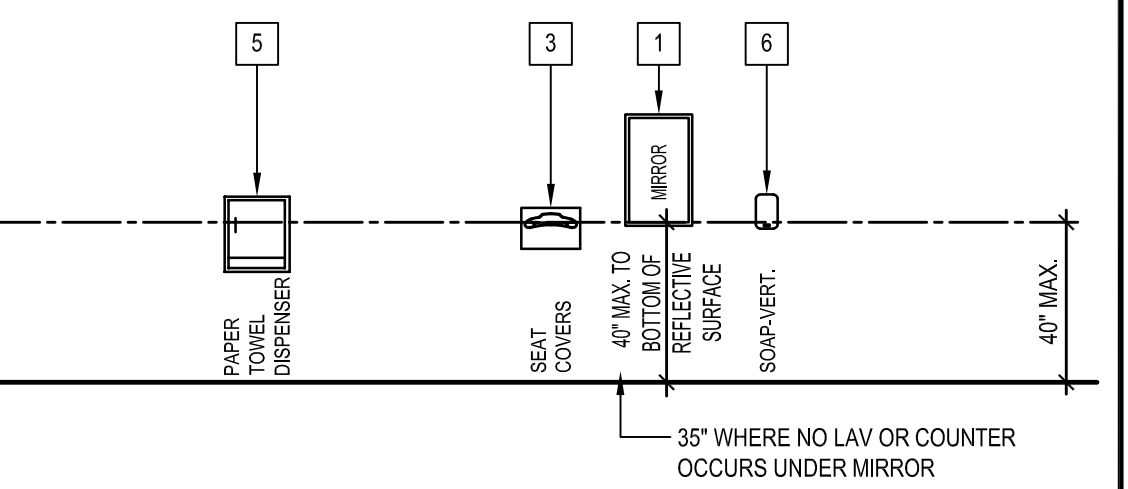
EXISTING BLEACHER PLAN

SCALE: 3/32" = 1'-0"

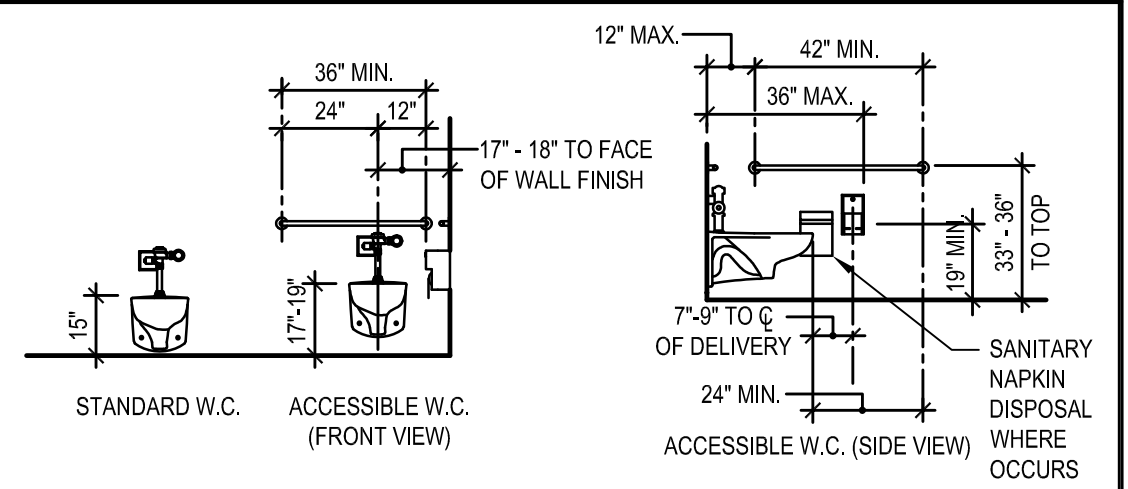
TOILET ACCESSORY KEYNOTES

- MIRROR WITH STAINLESS STEEL CHANNEL FRAME - BOBRICK B-165 1830
- SURFACE-MOUNTED MULTI-ROLL TOILET TISSUE DISPENSER - BOBRICK B-2888
- SURFACE-MOUNTED SEAT-COVER DISPENSER - BOBRICK B-221
- GRAB BAR - BOBRICK B-6806.69X36, B-6806.90X48 (SEE 19 & 20A-2)
- EXISTING PAPER TOWEL DISPENSER TO REMAIN
- EXISTING SURFACE MOUNTED SOAP DISPENSER TO REMAIN
- POWDER COATED STEEL TOILET PARTITION - TYP.
- UNDERLAVATORY GUARDS, MOLDED VINYL COVERING FOR SUPPLY AND DRAIN PIPING WITH FLIP TOPS AT VALVE TO ALLOW SERVICE ACCESS WITHOUT REMOVING COVERINGS

TOILET ACCESSORY MOUNTING HEIGHTS



TOILET FIXTURE MOUNTING HEIGHTS



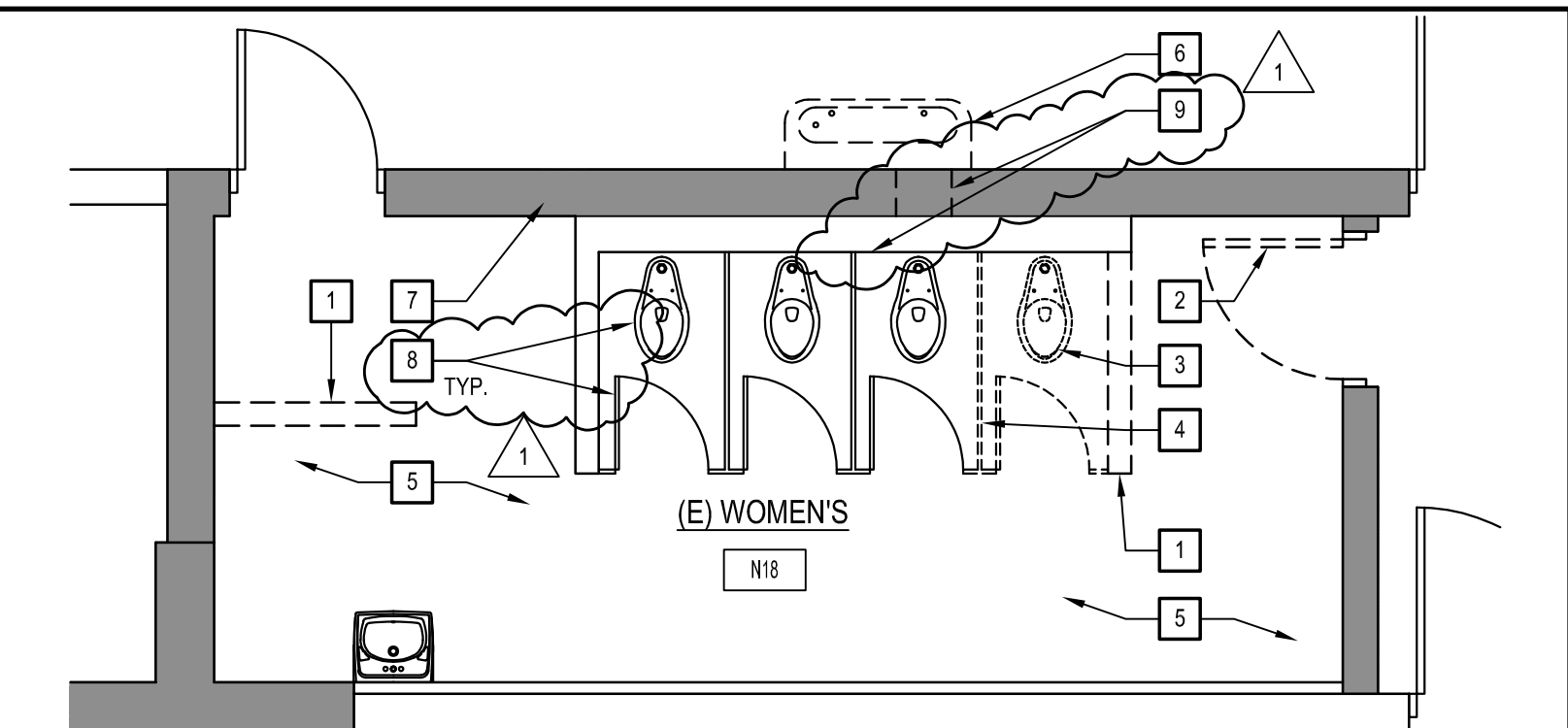
CLEARANCES OF FIXTURES AND ACCESSORIES TO FINISHED SURFACE

	ADULT
TOILET CENTERLINE FROM WALL	17"-18"
TOILET SEAT HEIGHT (AT SEAT LID)	17"-19"
GRAB BAR HEIGHT (SIDE)	33" - 36" A.F.F. TO TOP OF GRAB BAR
TOILET PAPER IN FRONT OF TOILET	7" TO 9" TO CENTERLINE OF DELIVERY
NAPKIN DISPOSAL	BETWEEN TOILET PAPER DISPENSER AND REAR WALL
DISPENSER OR MIRROR HEIGHT	40" MAX.
LAVATORY SINK TOP HEIGHT	34" MAX.
LAVATORY SINK KNEE CLEARANCE	27" MIN.
URINAL LIP HEIGHT	17" MAX.
URINAL FLUSH HANDLE HEIGHT	44" MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT	38" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.
RAMP/STAIR HANDRAIL HEIGHT	34"-38"

CLEARANCES OF FIXTURES AND ACCESSORIES TO FINISHED SURFACE

CLEARANCES OF FIXTURES AND ACCESSORIES TO FINISHED SURFACE

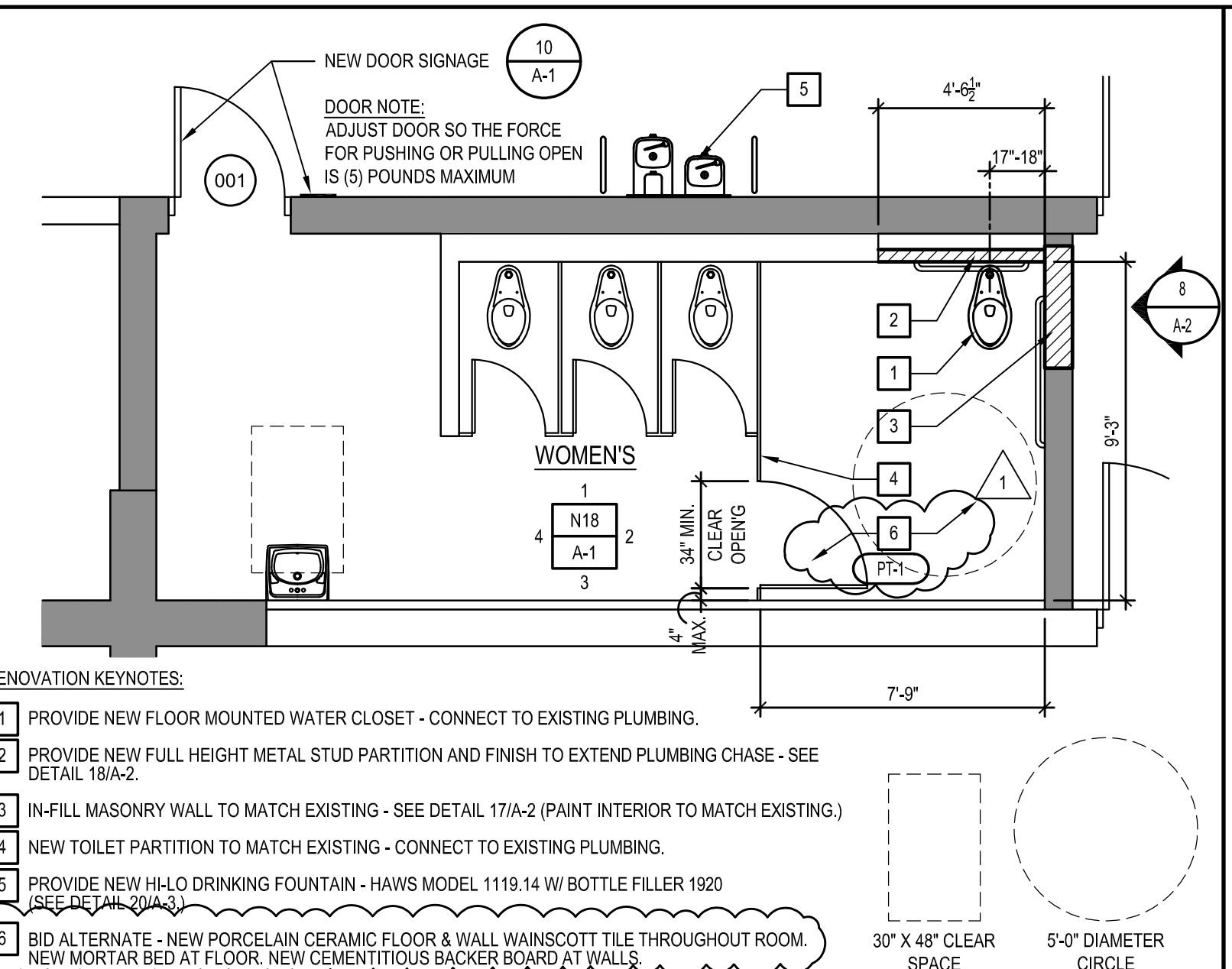
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URINAL FLUSH HANDLE HEIGHT	44" MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT	38" MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27" MIN.
RAMP/STAIR HANDRAIL HEIGHT	34"-38"



- DEMOLITION KEYNOTES:
- REMOVE EXISTING PARTITION SHOWN DASHED - REPAIR AND REFINISH EXISTING WALL AND FLOOR WHERE WORK OCCURS.
 - REMOVE EXISTING DOOR AND DOOR FRAME SHOWN DASHED - IN-FILL EXISTING OPENING TO MATCH EXISTING WALL CONSTRUCTION AND FINISH.
 - REMOVE EXISTING TOILET FIXTURE SHOWN DASHED - CAP EXISTING PLUMBING LINES.
 - REMOVE EXISTING TOILET PARTITION SHOWN DASHED.
 - PATCH AND REPAIR EXISTING TERRAZZO FLOOR AND WALL FINISH WHERE DEMOLITION OCCURS - PREPARE FOR NEW LAYOUT (TYP.) - BID ALTERNATE - DEMOLISH ALL FLOOR AND WALL TERRAZZO FINISHES. DEMOLISH WALL & FLOOR MORTAR BED.
 - REMOVE EXISTING DRINKING FOUNTAIN AND PREPARE FOR NEW HILD DRINKING FOUNTAIN.
 - EXISTING BRICK MASONRY WALL SHOWN SHADED - TYP.
 - BID ALTERNAT - TEMPORARILY REMOVE AND REINSTALL (E) PARTITIONS AND PLUMBING FIXTURES FOR NEW FLOOR AND WALL FINISHES.
 - DEMO PORTION OF MASONRY WALL & FURRED WALL AS REQ'D FOR NEW DRINKING FOUNTAIN INSTALLATION AND FILTER SEE DETAIL 10A-3. PATCH AND REPAIR WALLS TO MATCH ADJACENT FINISHES TO THE BEST OF INSTALLED QUALITY.

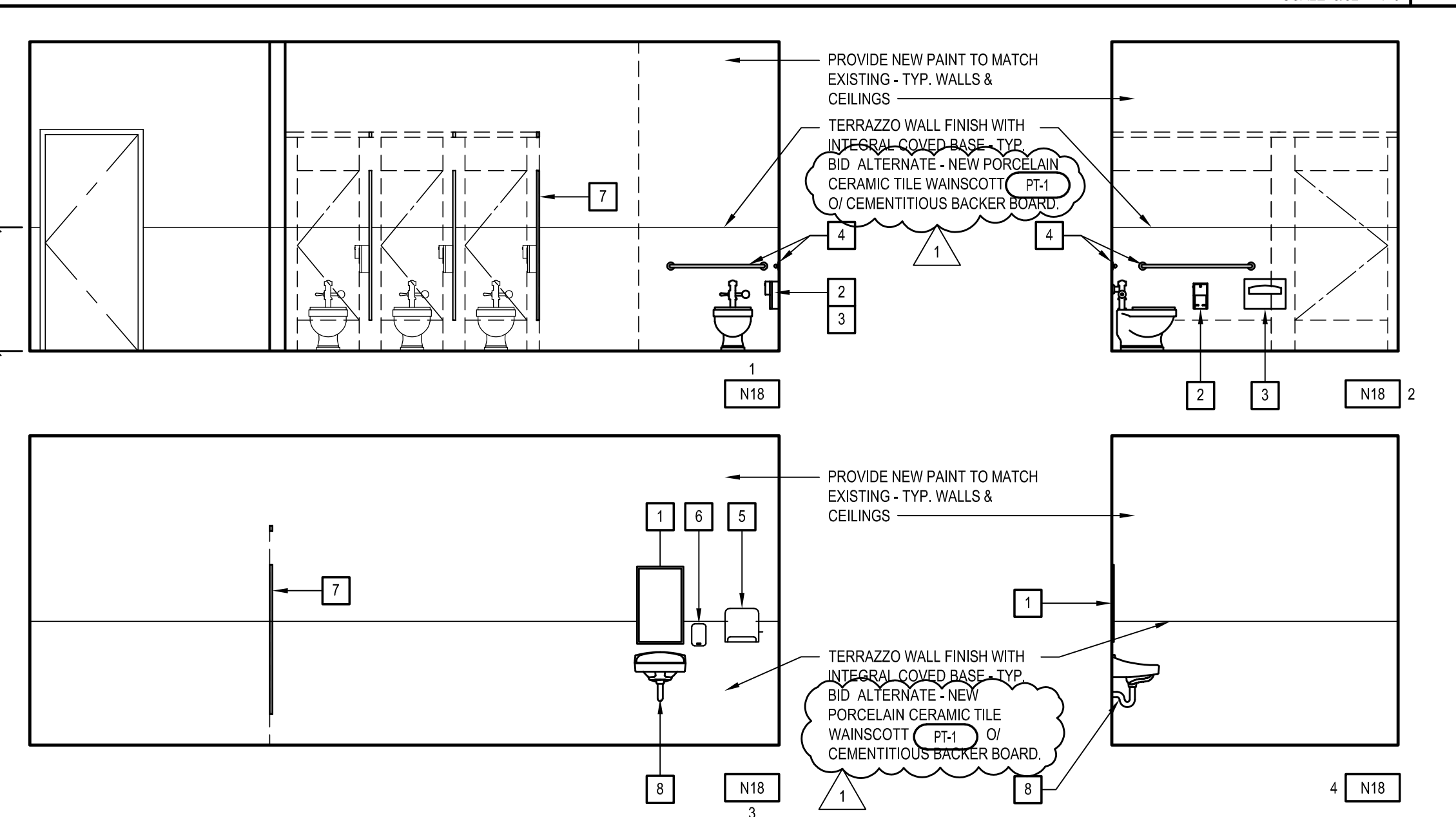
WOMEN'S TOILET ROOM DEMOLITION PLAN

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



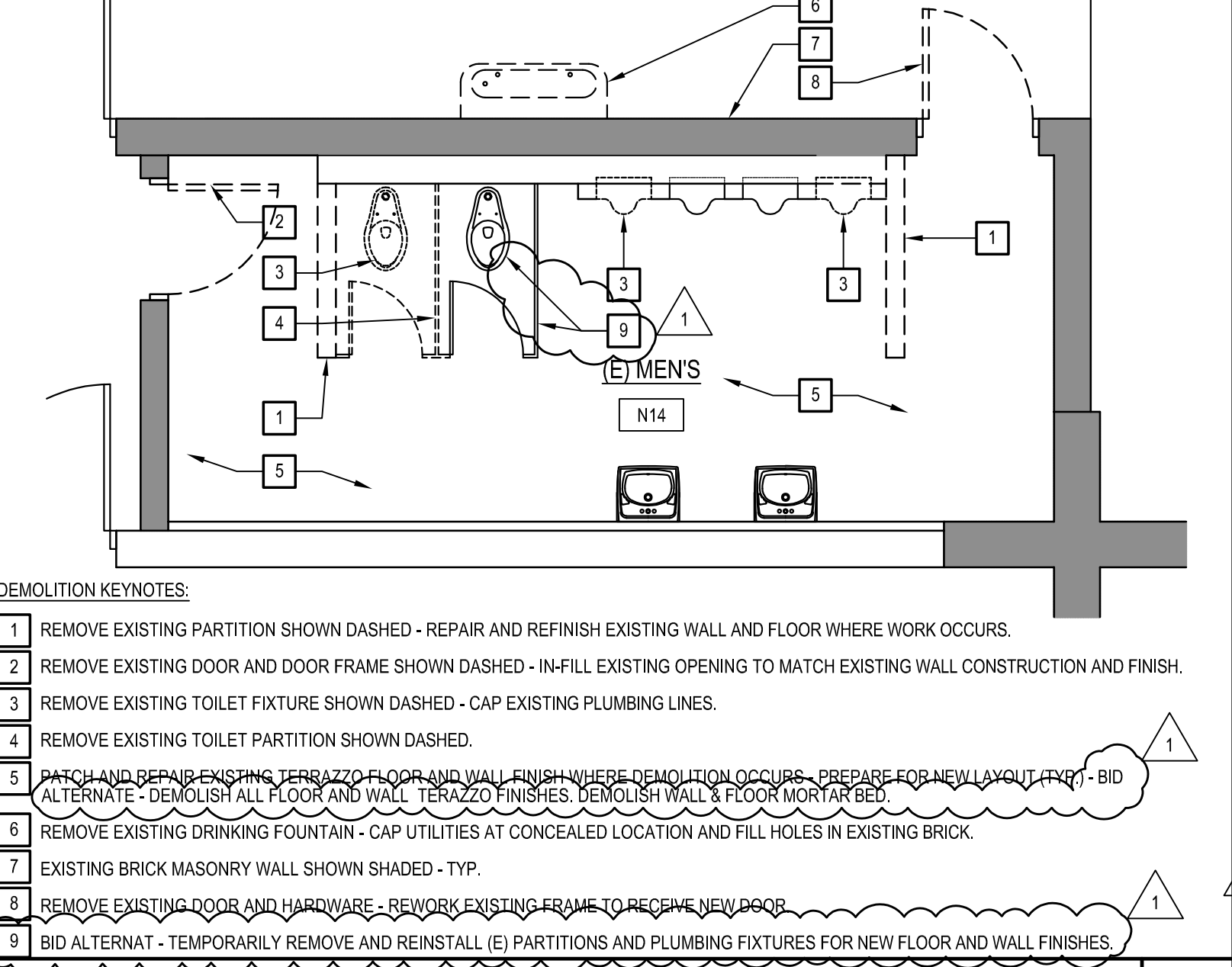
WOMEN'S TOILET ROOM RENOVATION PLAN

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



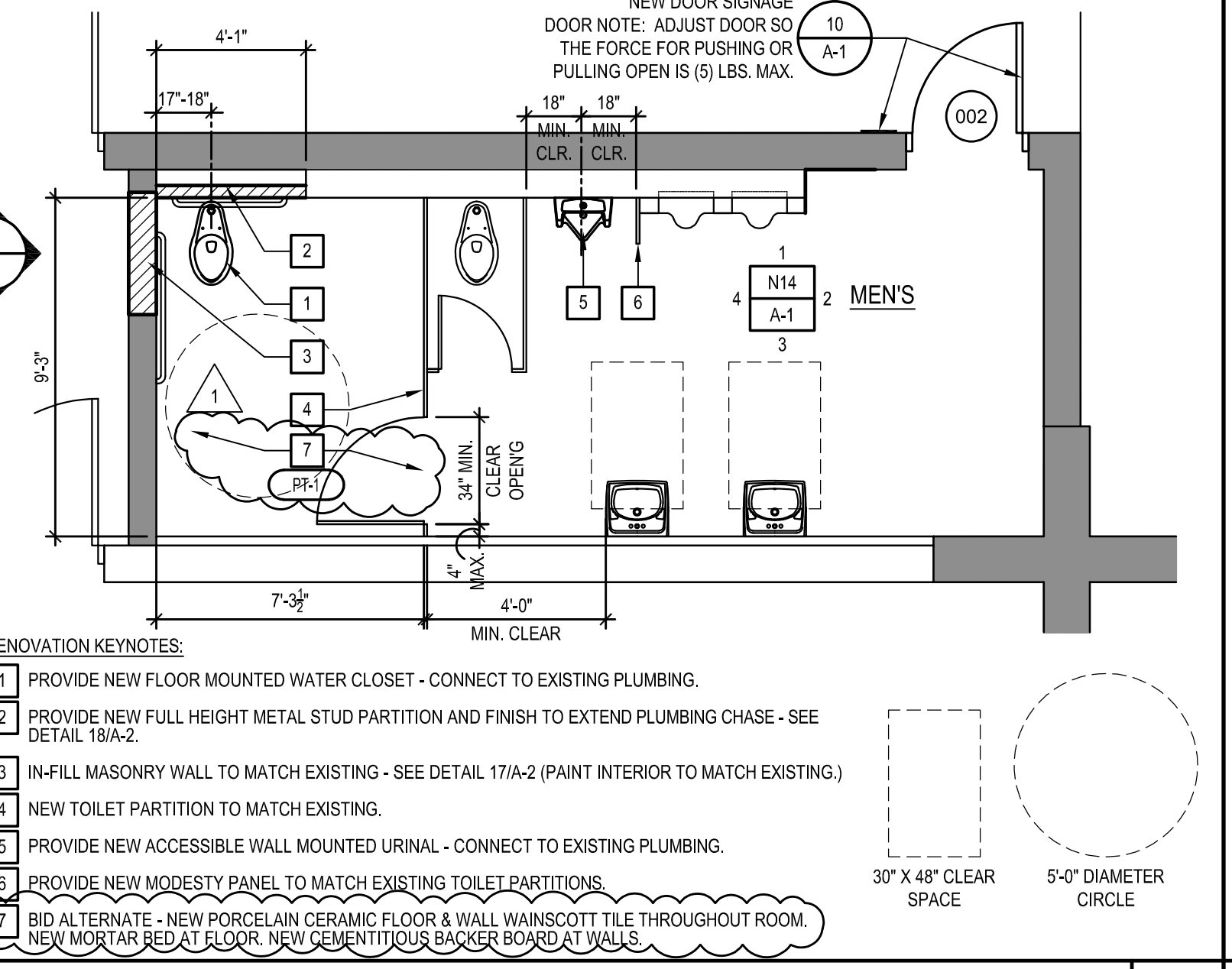
WOMEN'S TOILET ROOM ELEVATIONS

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



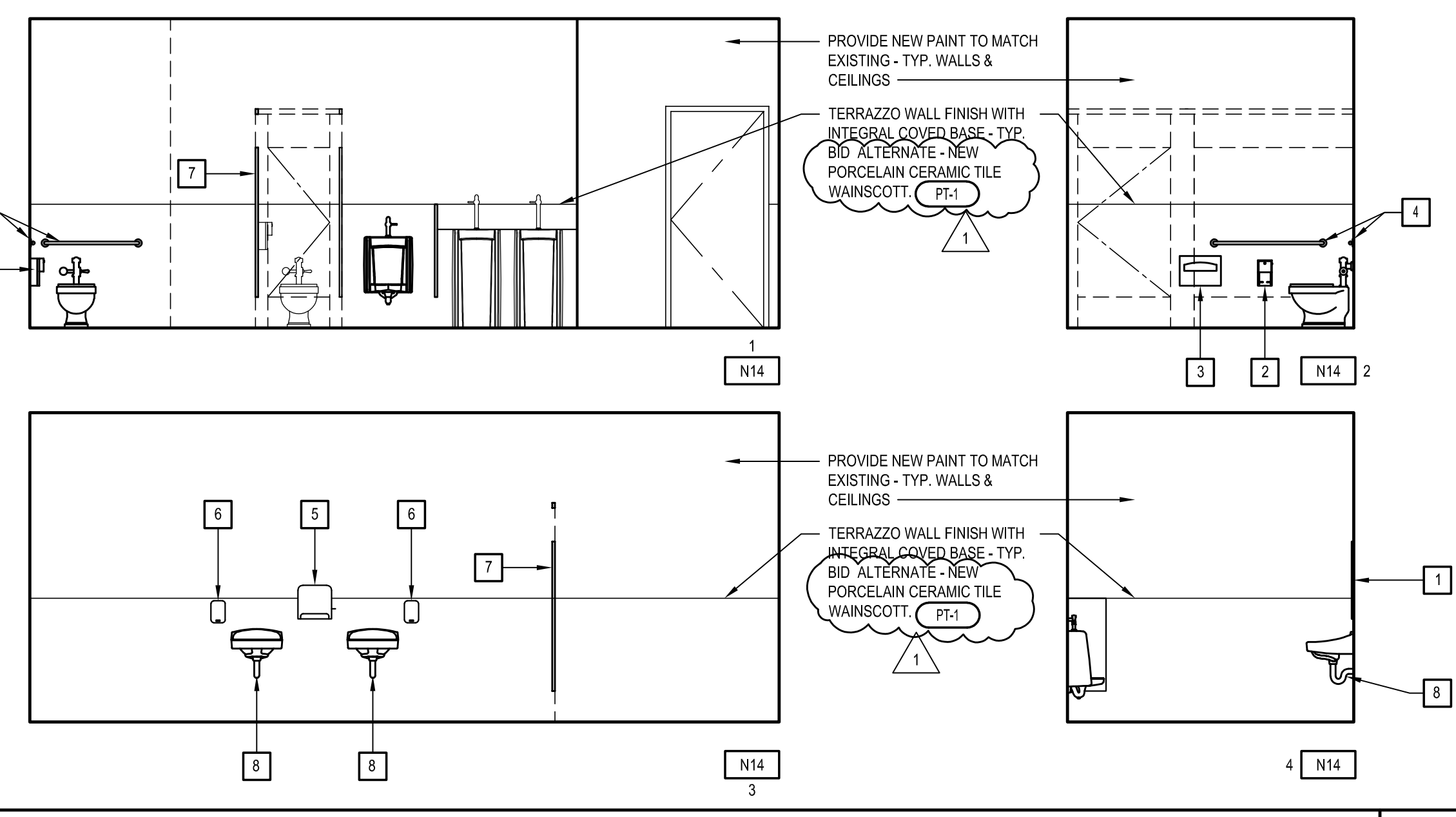
MEN'S TOILET ROOM DEMOLITION PLAN

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



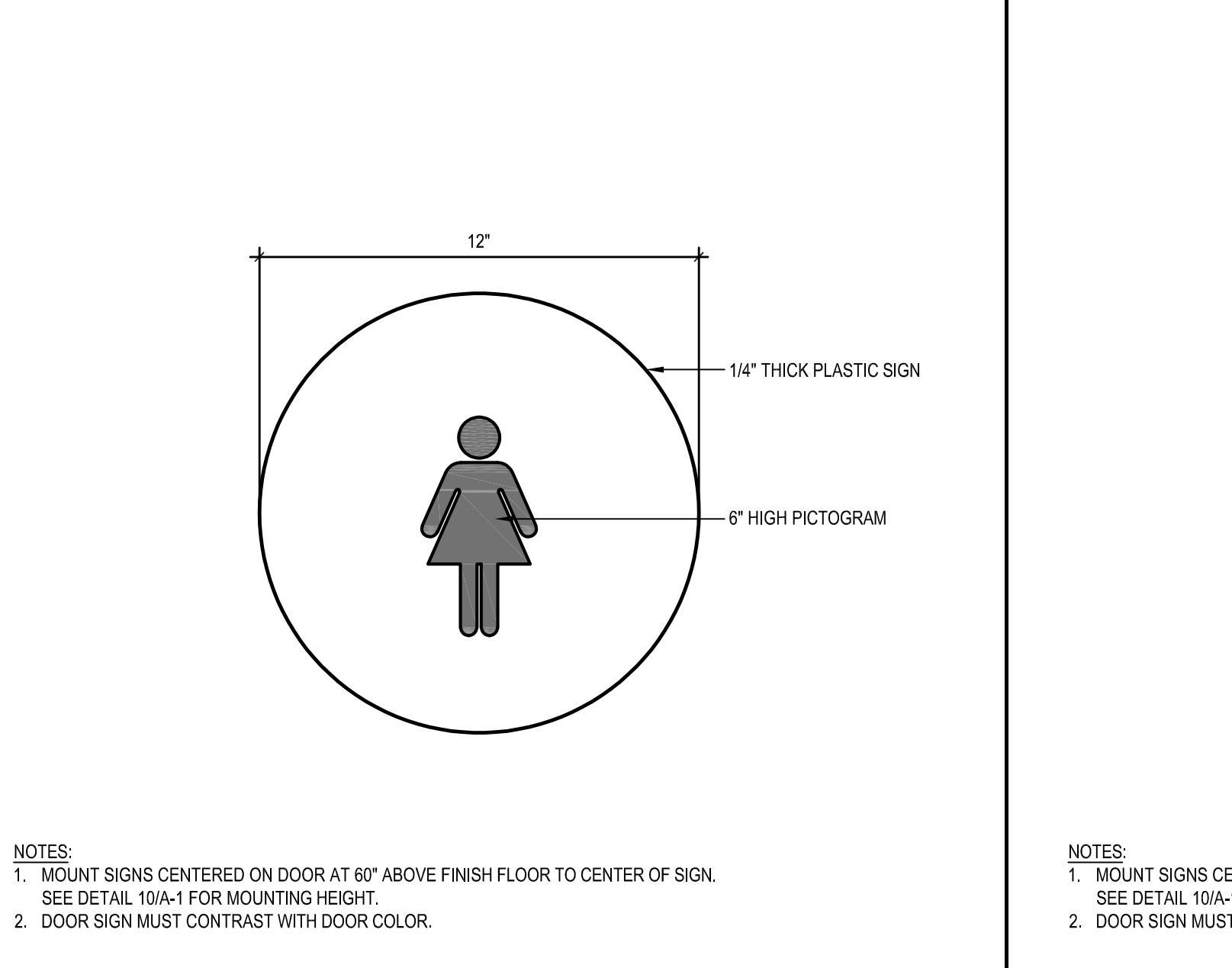
MEN'S TOILET ROOM RENOVATION PLAN

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



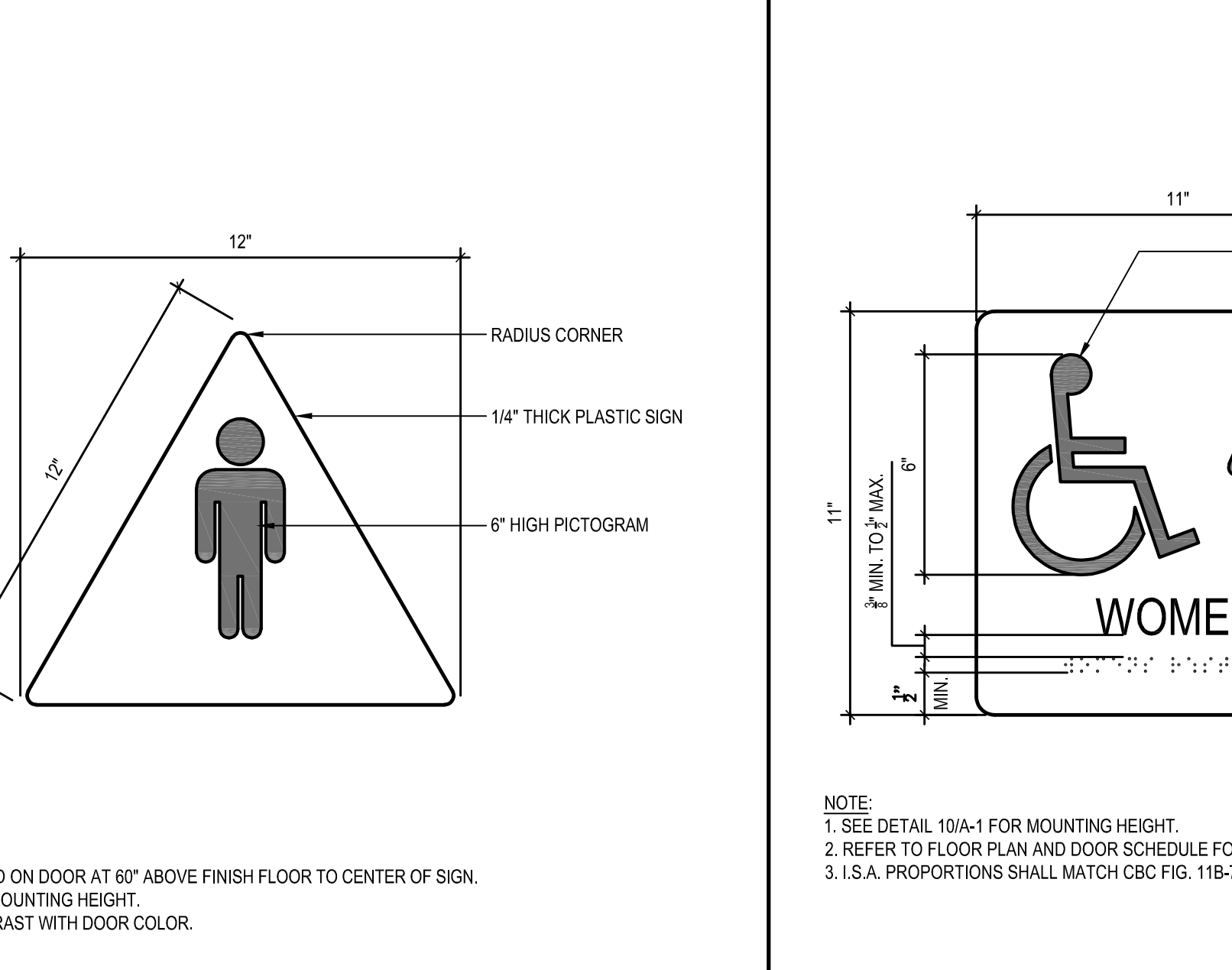
MEN'S TOILET ROOM ELEVATIONS

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



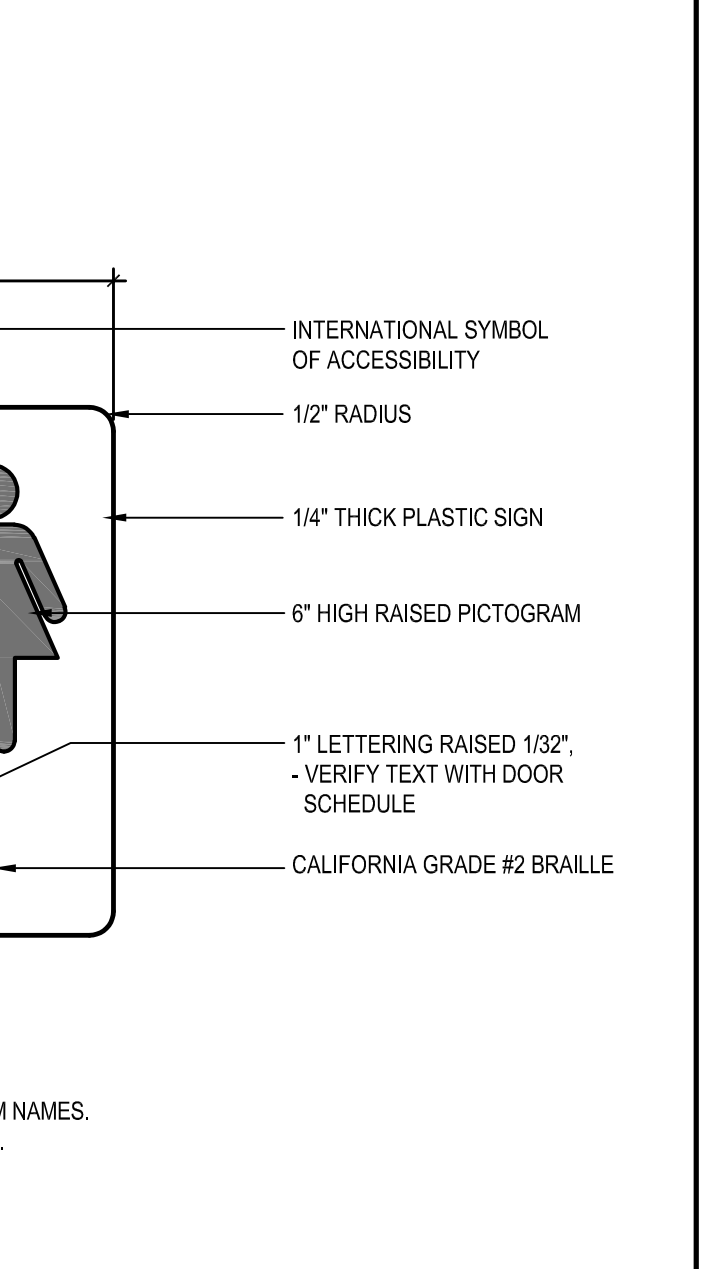
DOOR MOUNTED TOILET ROOM SIGN

SCALE: 3" = 1'-0"



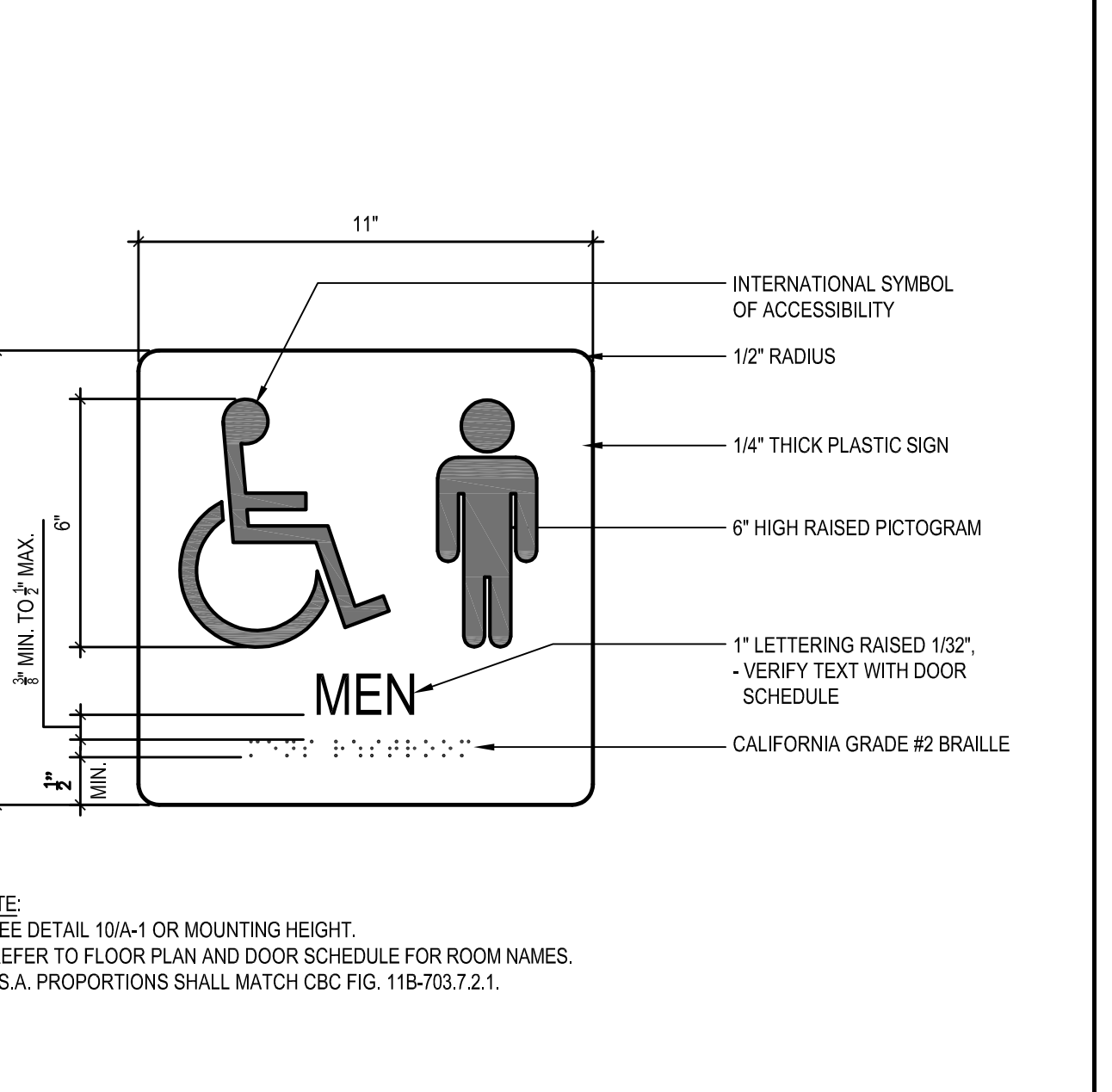
DOOR MOUNTED TOILET ROOM SIGN

SCALE: 3" = 1'-0"



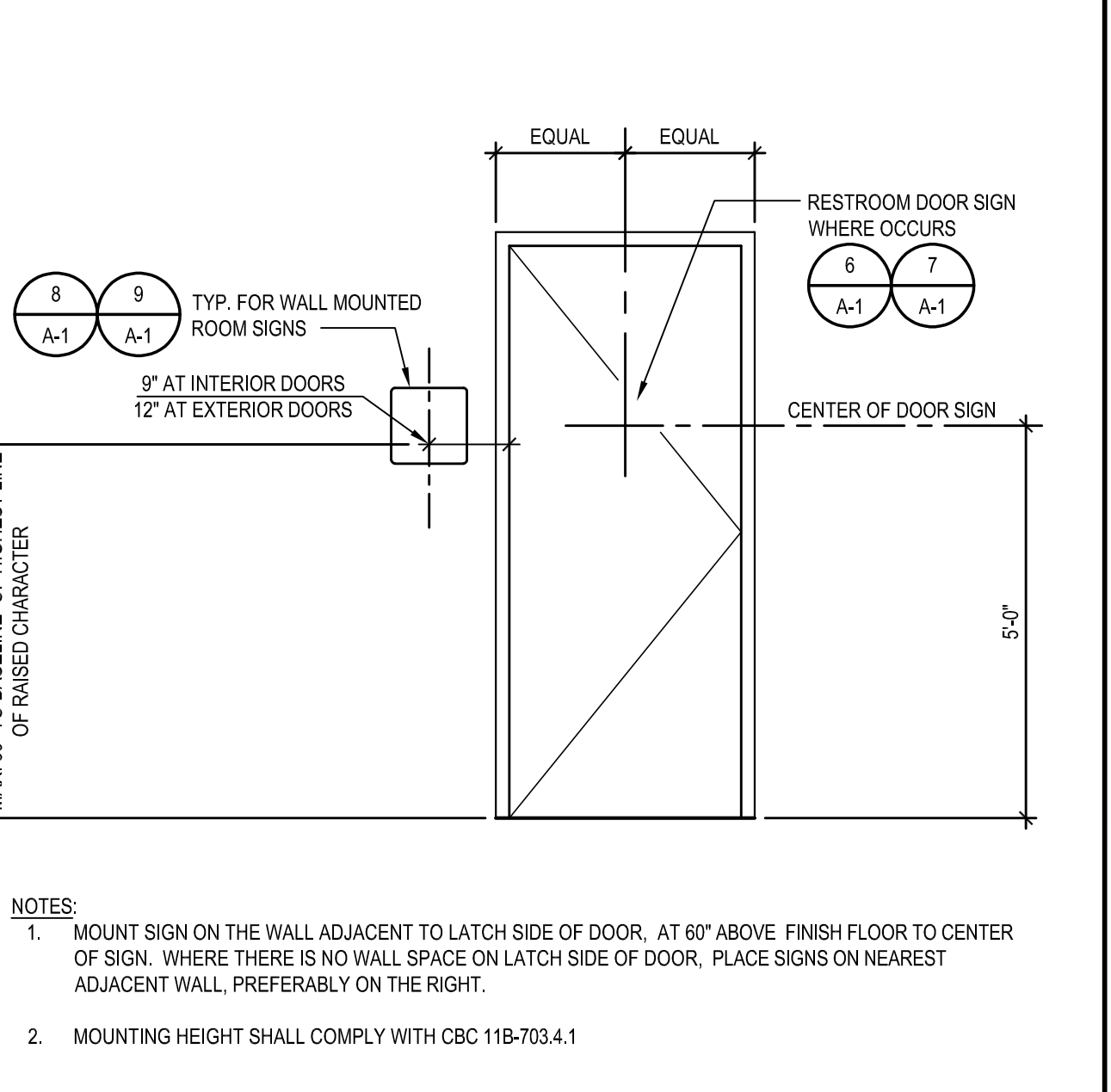
WALL MOUNTED TOILET ROOM SIGN

SCALE: 3" = 1'-0"



WALL MOUNTED TOILET ROOM SIGN

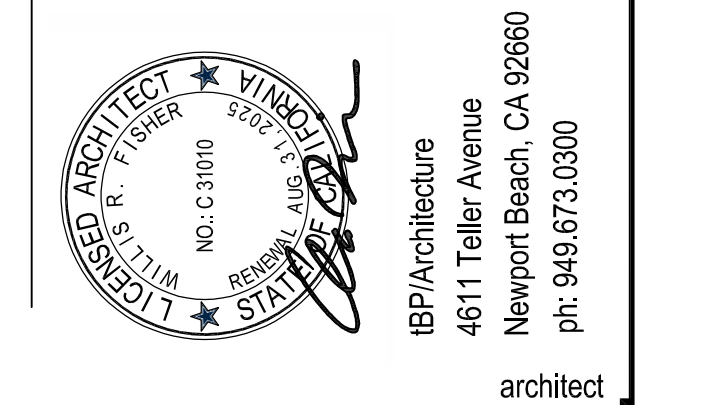
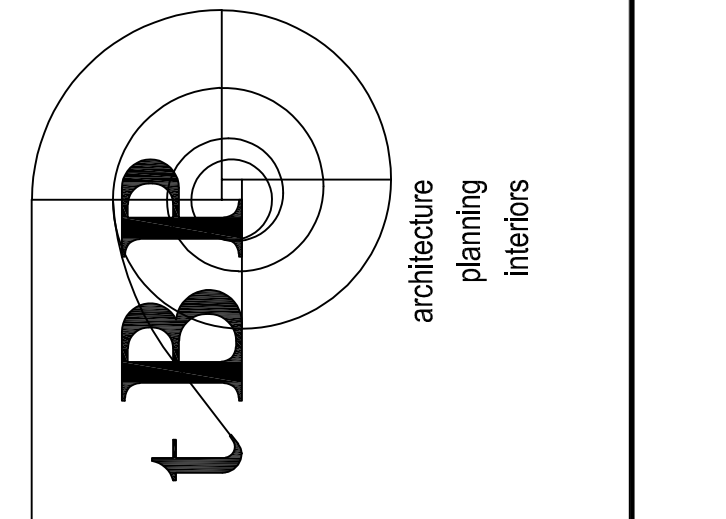
SCALE: 3" = 1'-0"



SIGNAGE LOCATION LEGEND

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

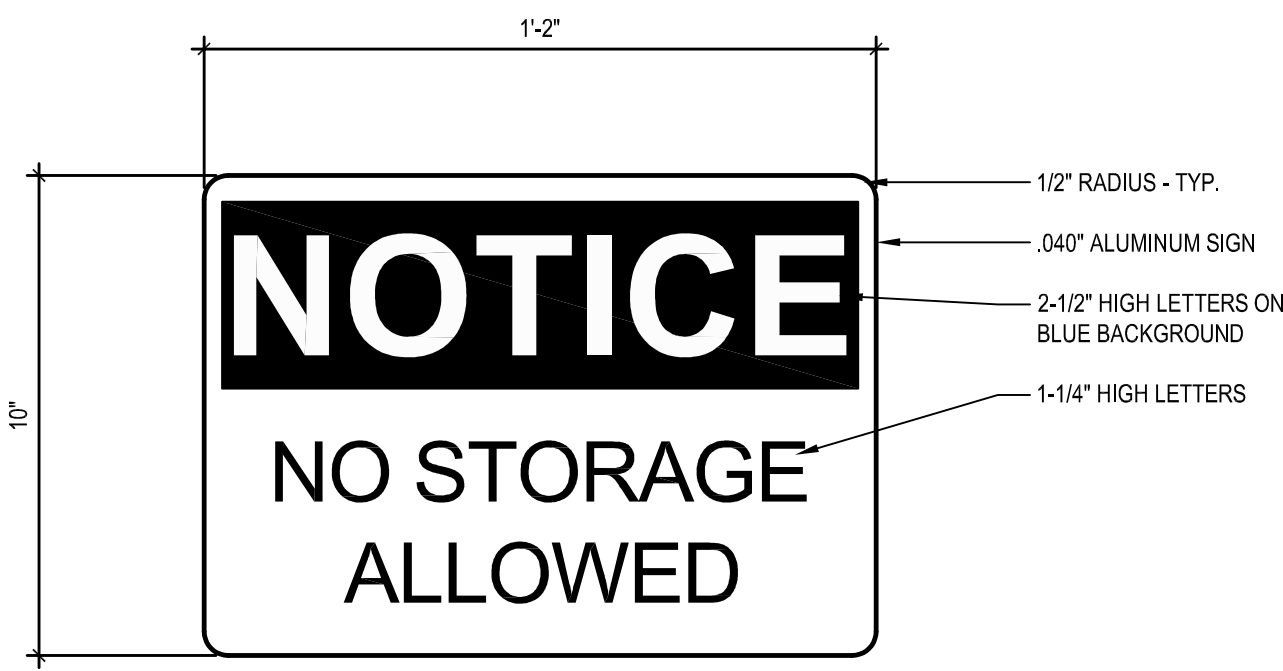
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GRANDSTAND UPGRADES
16455 E. WEDGEWORTH DRIVE
HACIENDA HEIGHTS, CALIFORNIA 91745
HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT

IBP project number : 21135.00
file name:
drawn by: checked by:
date: MARCH 10, 2021
Rev. date: description:
1/13/25 ADDENDUM NO 1
drawing title:
ENLARGED PLANS & DETAILS
drawing no.:
A-1
drawing of



NOTE:
1. SEE DETAIL 10A-1 OR MOUNTING HEIGHT.

NO STORAGE SIGN SCALE: 3" = 1'-0" 1

ABBREVIATIONS

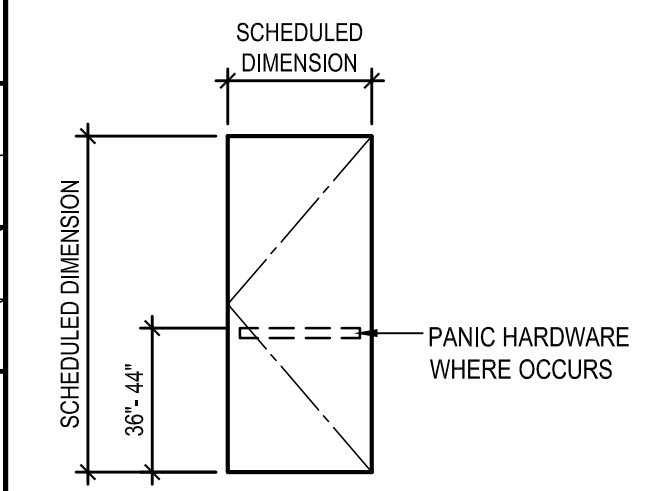
- APP ACCORDION FOLDING PARTITION
- ALUM ALUMINUM
- AS ACID STAIN
- ATFD ACCORDION TYPE FIRE DOOR
- EP EPOXY PAINT FF FACTORY FINISH
- FFD FOLDING FABRIC DOOR
- FPD FOLDING PANEL PARTITION
- FPWD FOLDING PANEL WOOD DOOR
- GL GLASS
- HCN HOLLOW CORE, NATURAL FINISH
- HCP HOLLOW CORE, PAINT FINISH
- HM HOLLOW METAL
- LAO LACQUER FINISH
- MCH MINERAL CORE, NATURAL FINISH
- MCP MINERAL CORE, PAINT FINISH
- PE PAINT, EGGSHELL FINISH
- PF PAINT, FLAT FINISH
- PG PAINT, GLOSS FINISH
- PH PANIC HARDWARE
- PS PRE-FINISHED STEEL
- PSG PAINT, SEMI-GLOSS FINISH
- SCN SOLID CORE, NATURAL FINISH
- SCP SOLID CORE, PAINT FINISH
- SCPL SOLID CORE, PLASTIC LAMINATE FINISH
- STM STAIN FINISH
- SS STAINLESS STEEL
- STL STEEL
- UG UNGLAZED
- VF VARNISH FINISH

DOOR SCHEDULE

DOOR NUMBER	DIMENSION		DOOR				FRAME			DETAILS				DOOR ASSEMBLY RATING	REMARKS	SIGNAGE			
	WIDTH	HEIGHT	TYPE	MAT.	FINISH	COLOR	MAT.	FINISH	COLOR	HEAD	TRANSOM	JAMB	JAMB			THRESHOLD	TEXT	DETAIL	
(E) 001	3'-0"	7'-0"	A	HM	-	-	HM	-	-	-	-	-	-	9	A-2	-	CLOSER PANIC HARDWARE	WOMEN	8 A-1
002	3'-0"	7'-0"	A	HM	-	-	HM	-	-	-	-	-	-	9	A-2	-	CLOSER PANIC HARDWARE	MEN	9 A-1

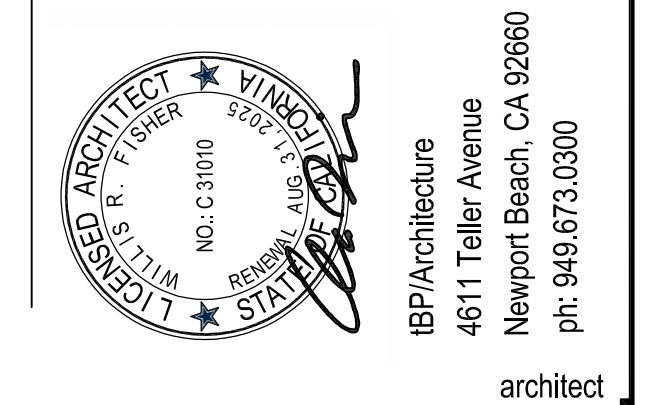
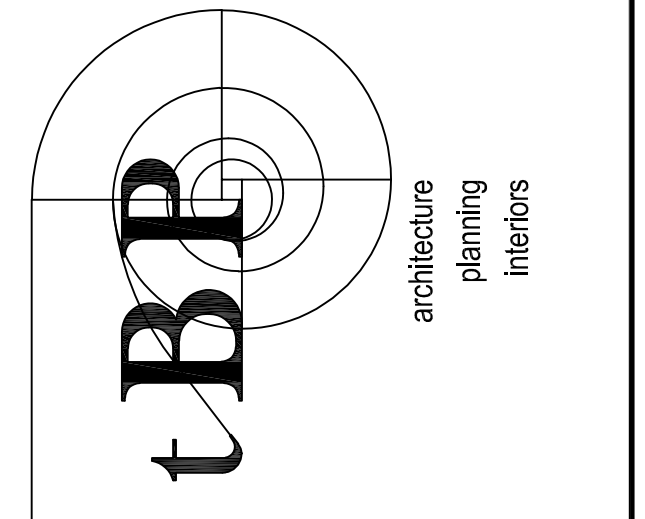
NOTES

1. DOORS SHALL BE 1-3/4" THICK, UNLESS NOTED OTHERWISE.
2. THE LETTER 'P' FOLLOWING THE 'DOOR TYPE' DESIGNATION IN THE DOOR SCHEDULE INDICATES PAIR OF DOORS, BOTH DOOR LEAVES ARE THE SAME SIZE, UNLESS NOTED OTHERWISE.
3. THE LETTER 'X' FOLLOWING THE 'DOOR TYPE' LETTER IN THE DOOR SCHEDULE INDICATES A FIXED PANEL ABOVE DOOR LEAF. SCHEDULE DIMENSION INCLUDES PANEL, UNLESS NOTED OTHERWISE.
4. FIXED PANELS SHALL BE OF THE SAME MATERIAL, CONSTRUCTION, AND THICKNESS AS DOOR LEAF, AND SHALL BE PROVIDED BY THE SAME MANUFACTURER, UNLESS NOTED OTHERWISE.
5. THE LETTER 'L' FOLLOWING 'DOOR TYPE' DESIGNATION IN THE DOOR SCHEDULE INDICATES DOORS WITH LOUVERS. SEE DOOR TYPE FOR SIZE OF LOUVER.
6. LOUVERS IN EXTERIOR DOORS SHALL BE VANDAL-PROOF, SECURITY TYPE.
7. GLASS IN ALL FIRE RATED DOORS AND SIDE LIGHTS SHALL BE U.L. LISTED FIRE-RESISTIVE GLASS, INSTALLED IN HOLLOW METAL FRAMES. GLASS LITES IN 60 MINUTE FIRE RATED ASSEMBLIES SHALL NOT EXCEED 100 SQUARE INCHES.
8. GLASS IN NON-RATED EXTERIOR DOORS SHALL BE TINT TEMPERED GLASS.
9. EXTERIOR DOOR REQUIREMENTS:
 - ALL EXTERIOR DOORS IN BUILDINGS, INCLUDING, BUT NOT LIMITED TO DOORS OF TOILETS AND STORAGE ROOMS, SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE.
 - EXIT DOOR SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT.
 - HAND ACTIVATED DOOR OPENING HARDWARE SHALL BE 34" MINIMUM AND 44" MAXIMUM ABOVE FINISH FLOOR. PANIC HARDWARE SHALL BE 36" TO 44" ABOVE FINISH FLOOR.
 - DEAD BOLTS ARE NOT PERMITTED.
 - ALL ROOMS SERVING AN OCCUPANCY LOAD OF 50 OR GREATER AND DOORS LOCATED ON THE DISCHARGE OF EXIT CORRIDORS ARE REQUIRED TO BE PROVIDED WITH PANIC HARDWARE (CBC 1010.1.10).
 - ALL FIRE DOOR LABELS SHALL COMPLY WITH C.B.C. 713.3

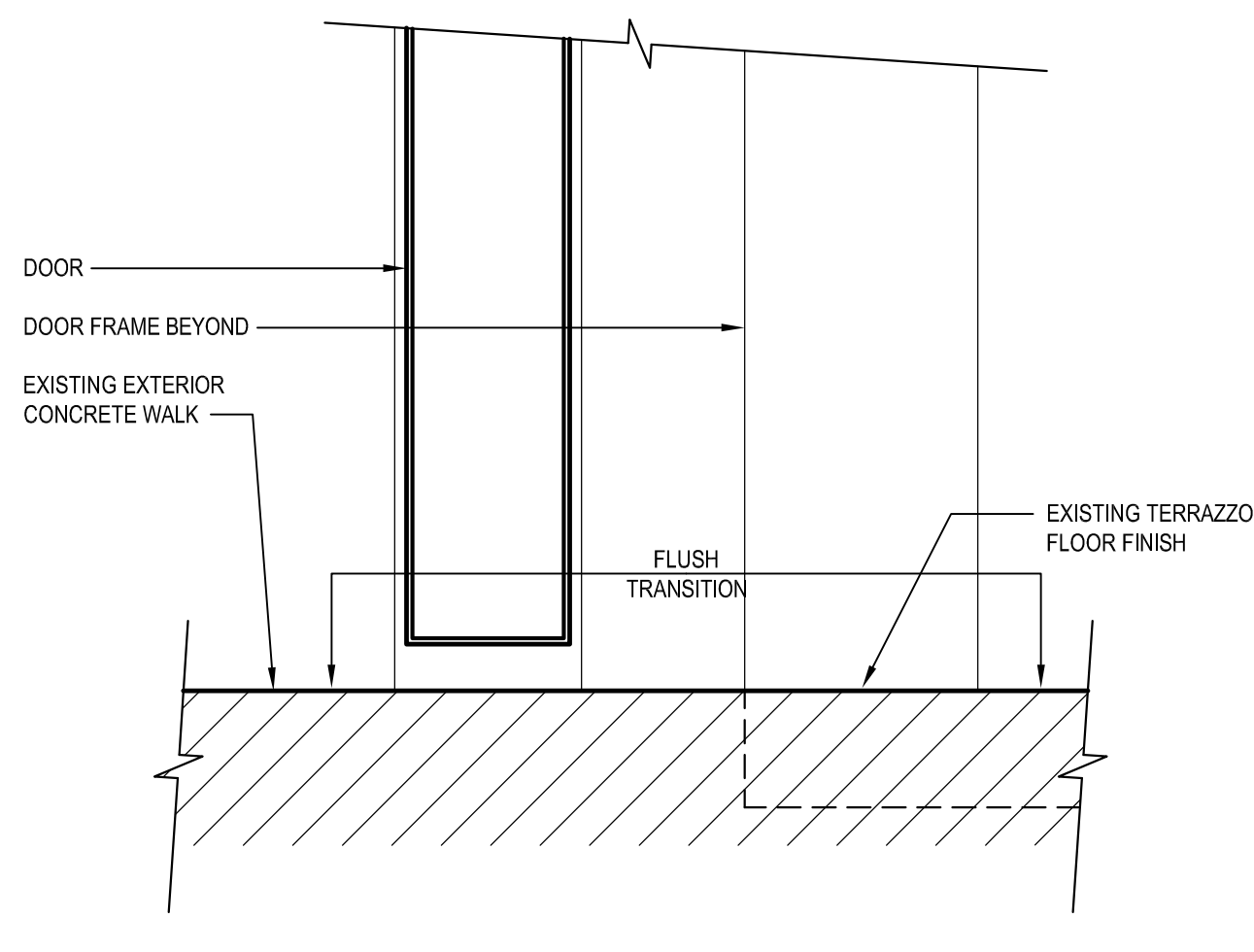
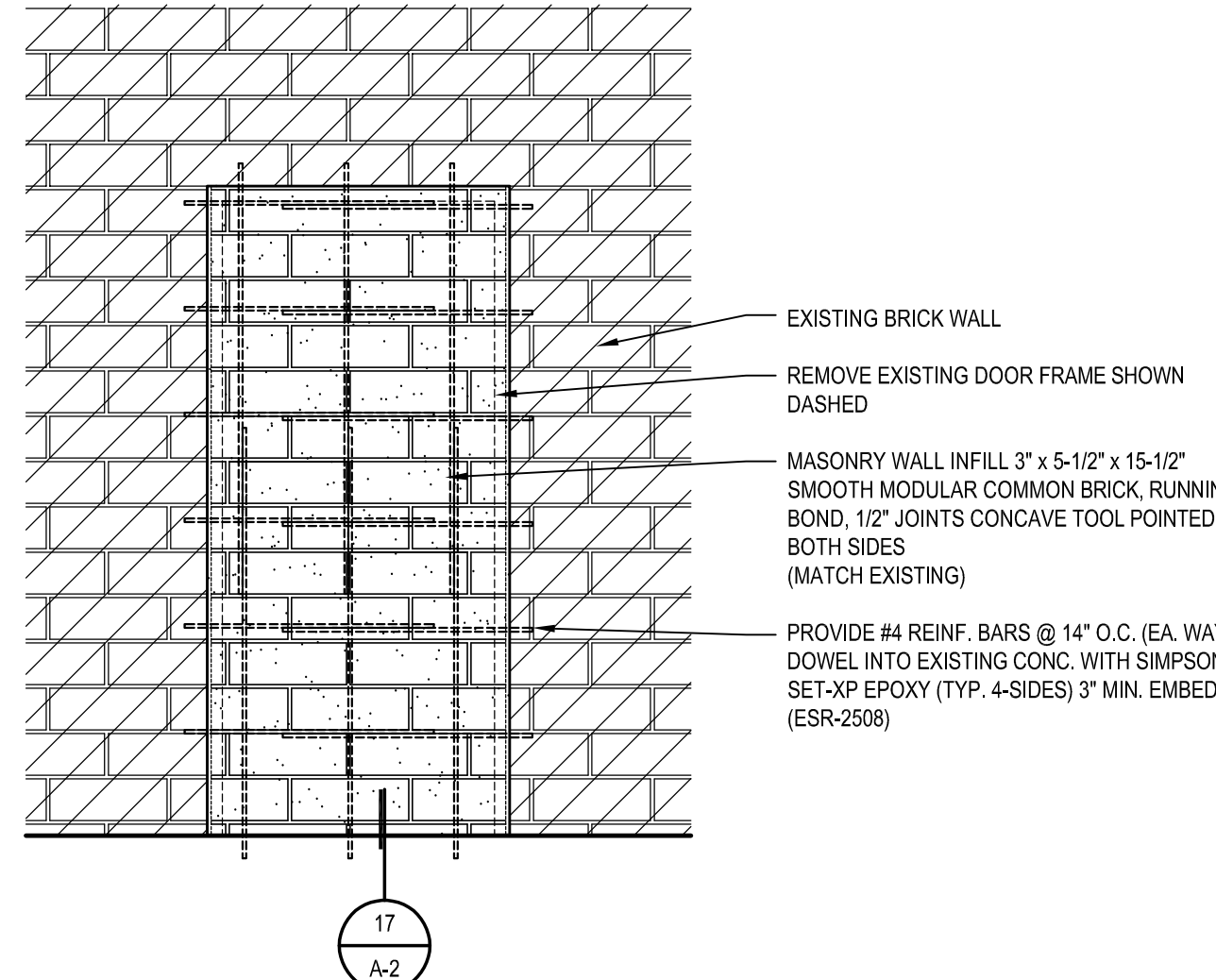
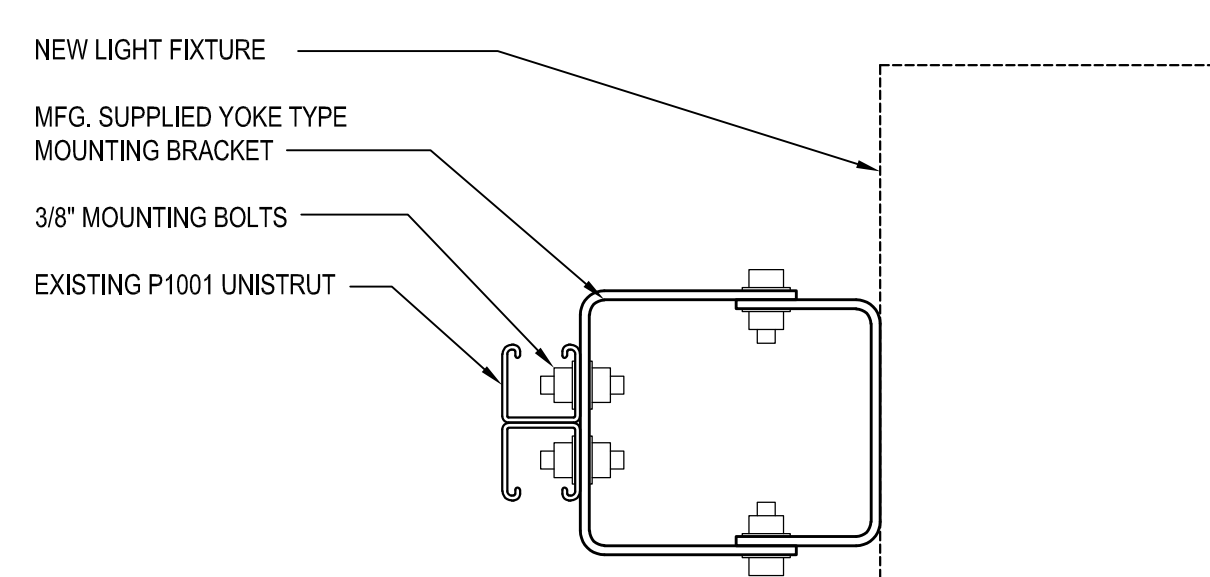
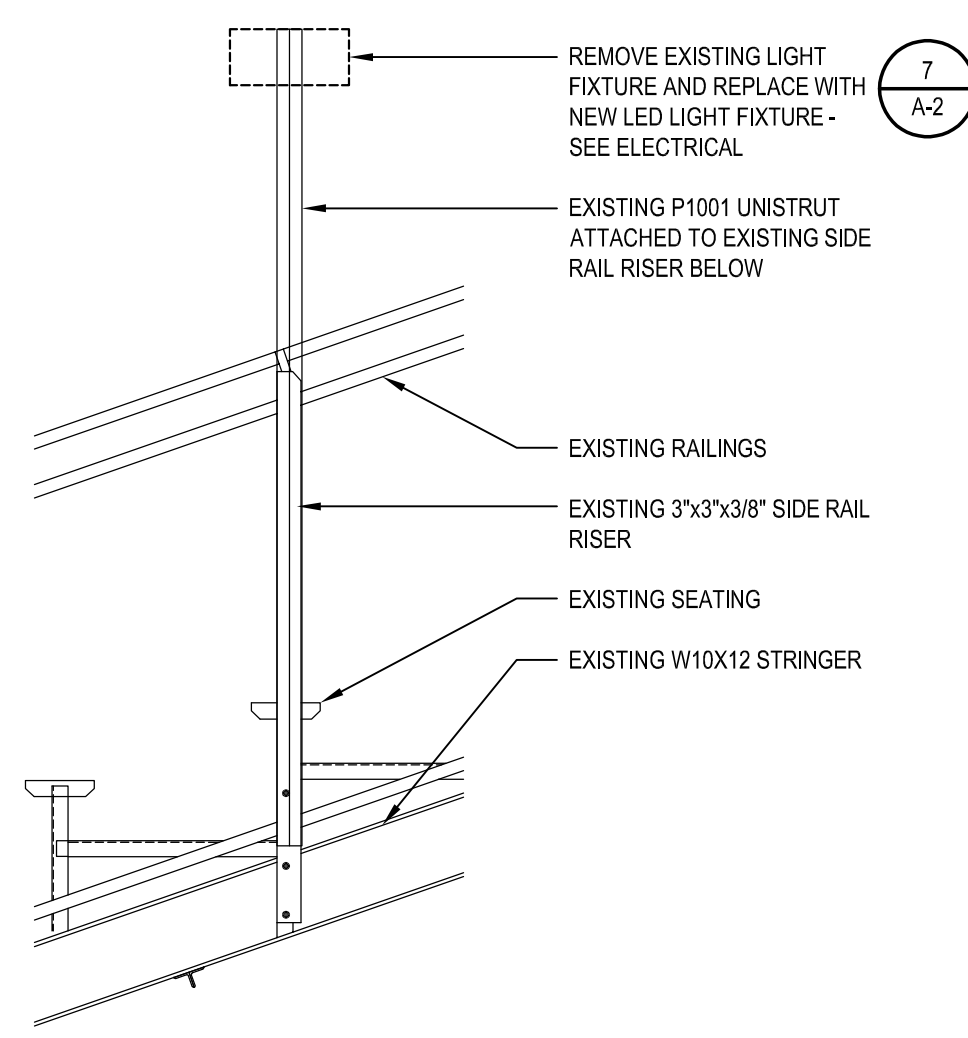


DOOR TYPE A

DIVISION OF THE STATE ARCHITECT
10620 VIA FRONTERA, SUITE 300
SAN DIEGO CA 92127
ph: 619.674.5400 fx: 619.674.5471
agency



BBP Architecture
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Newport Beach, CA 92660
ph: 949.673.0300
architect
consultant

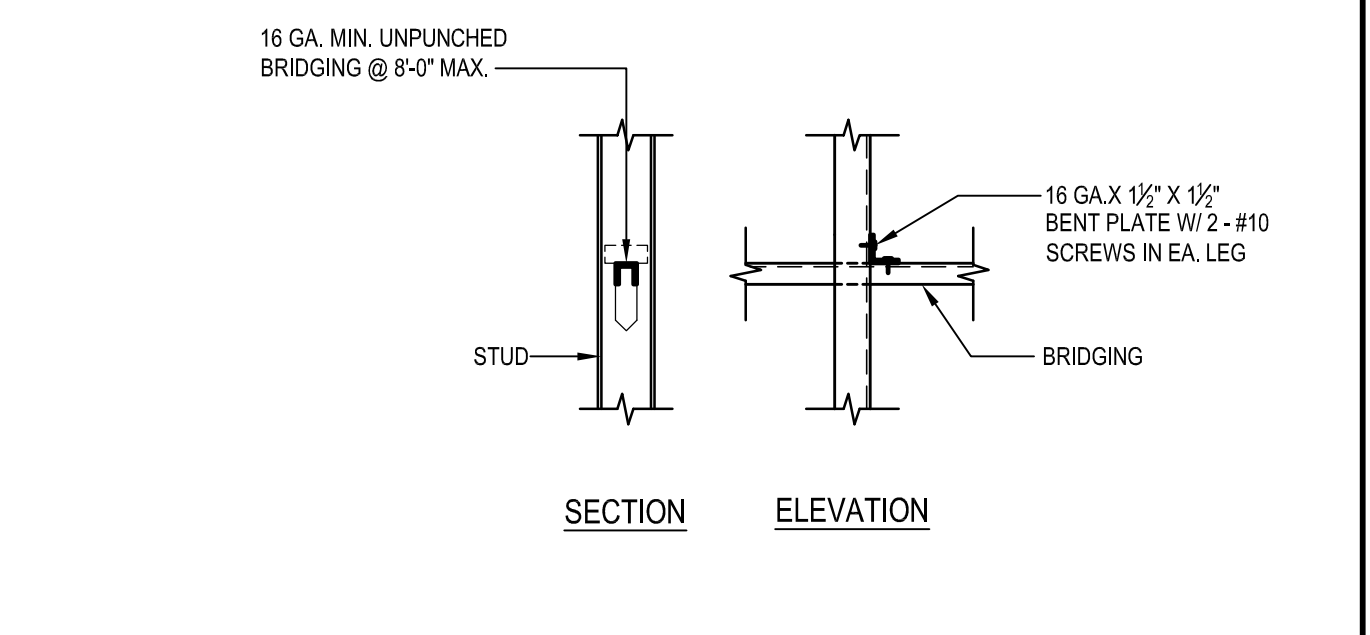
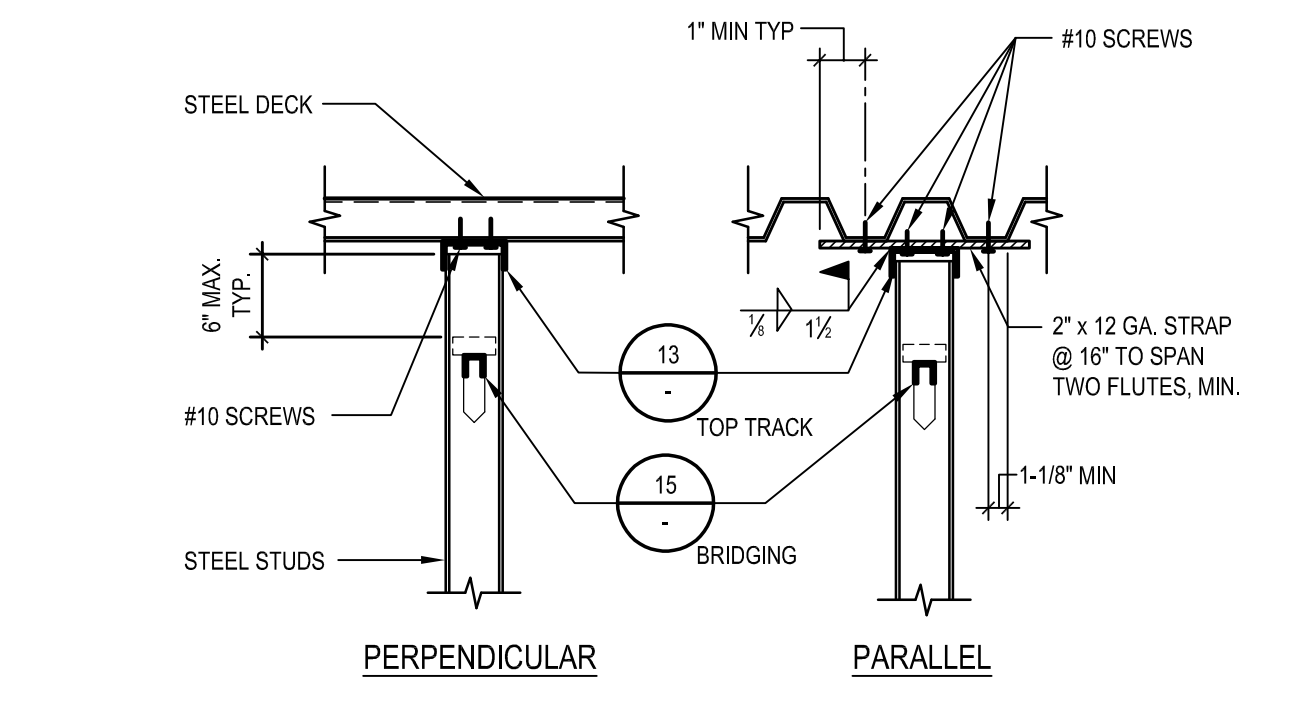
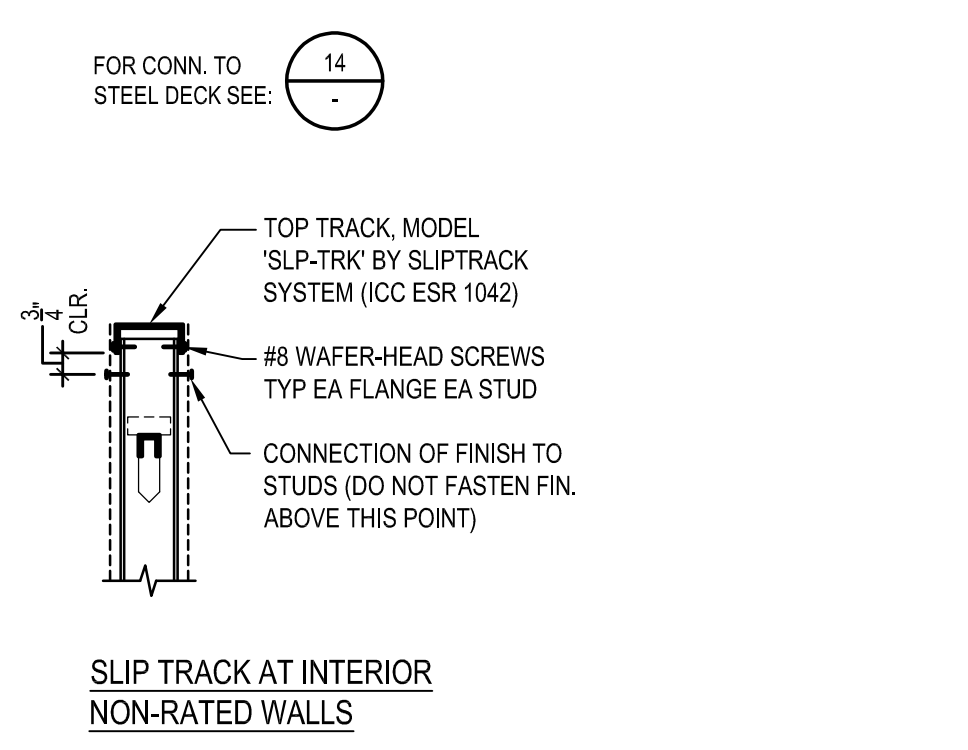
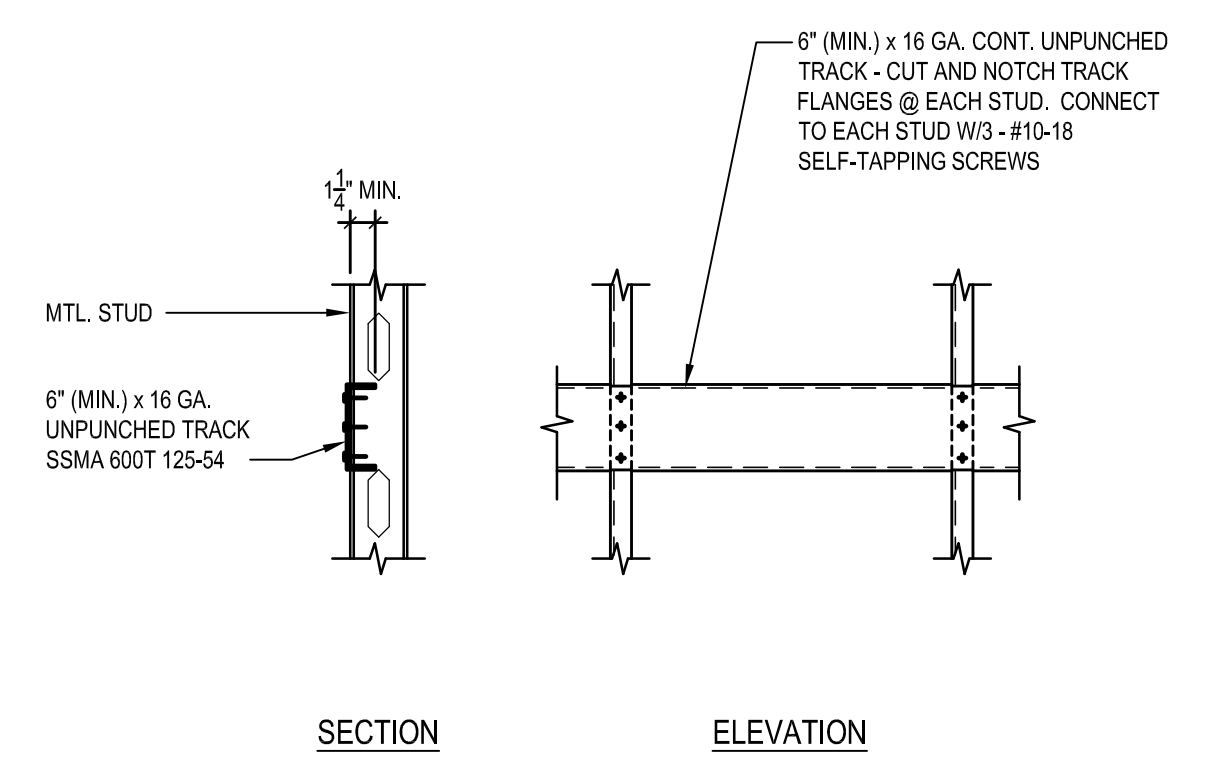
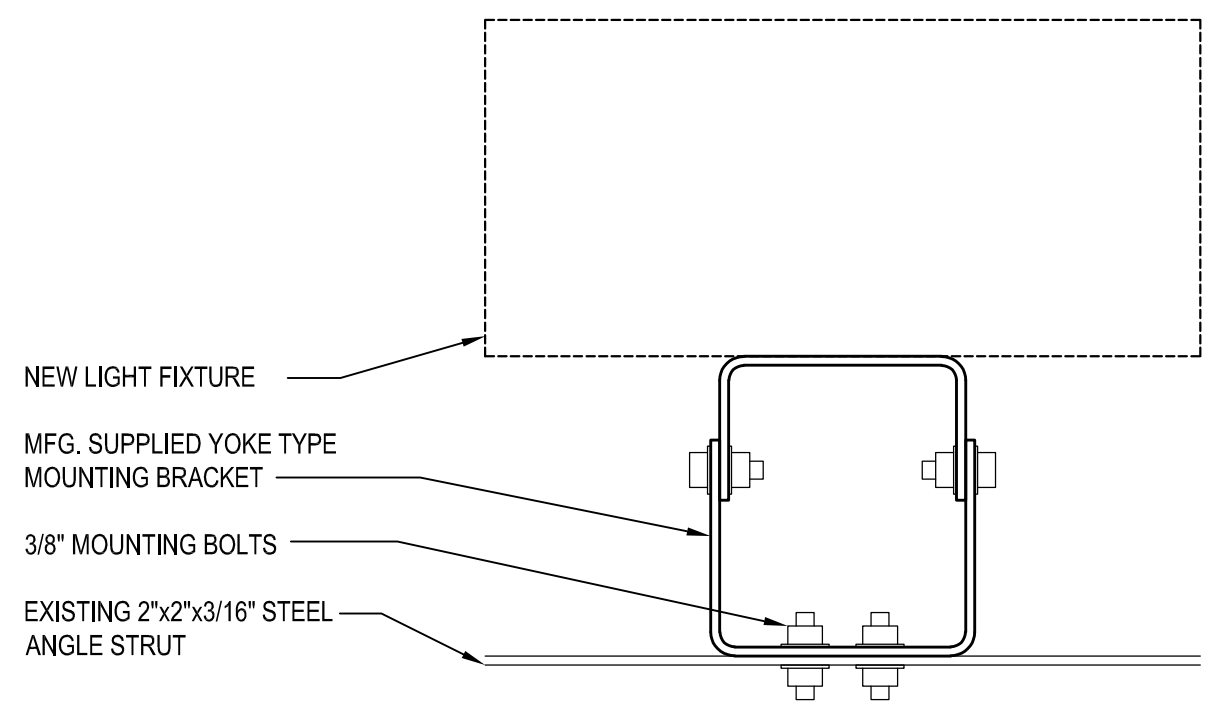


MOUNTING DETAIL - TYPE 'B' FIXTURE SCALE: 1/2" = 1'-0" 6

MOUNTING DETAIL - TYPE 'B' FIXTURE SCALE: 3" = 1'-0" 7

MASONRY WALL INFILL SCALE: 1/2" = 1'-0" 8

EXISTING THRESHOLD SCALE: HALF 9



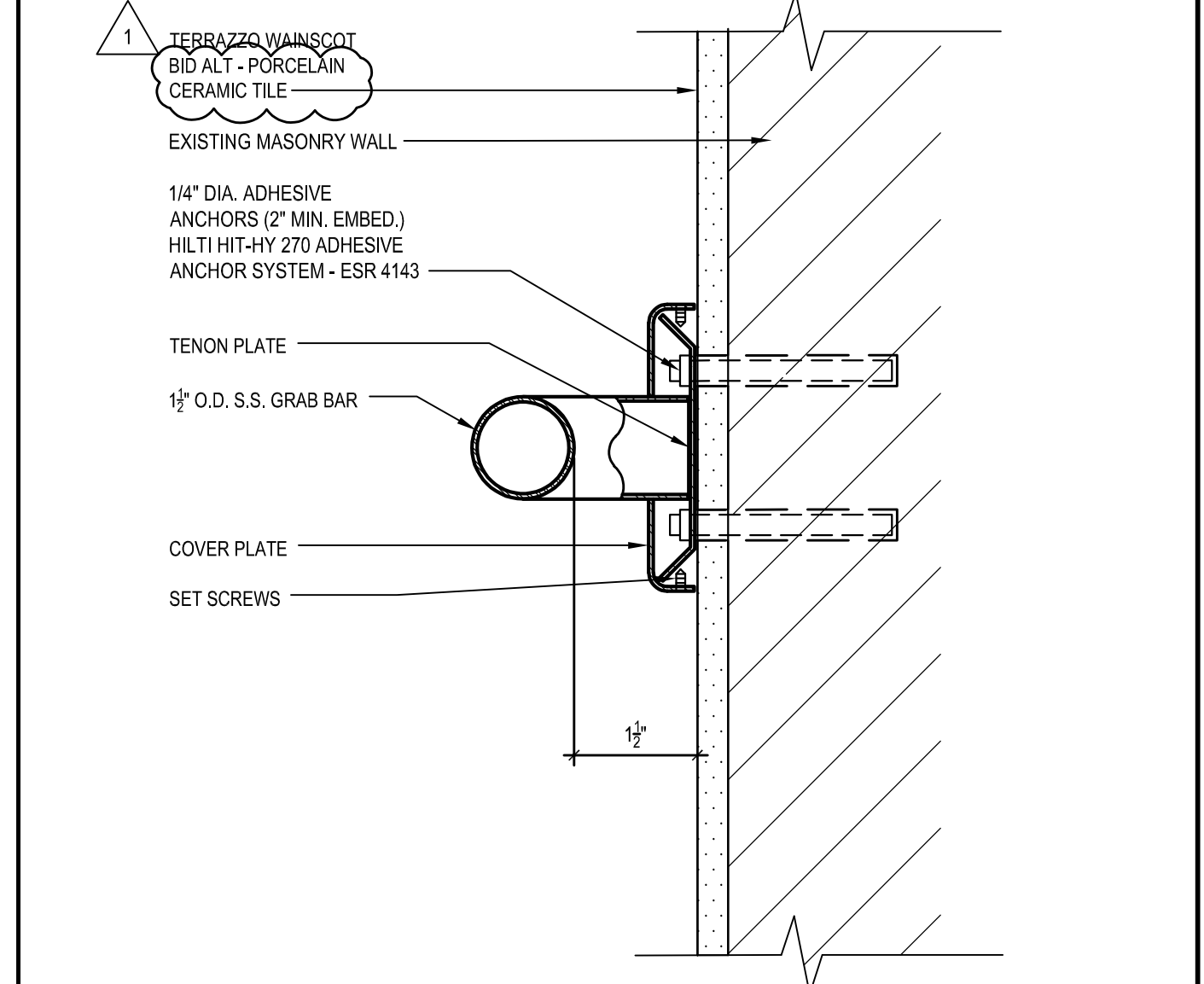
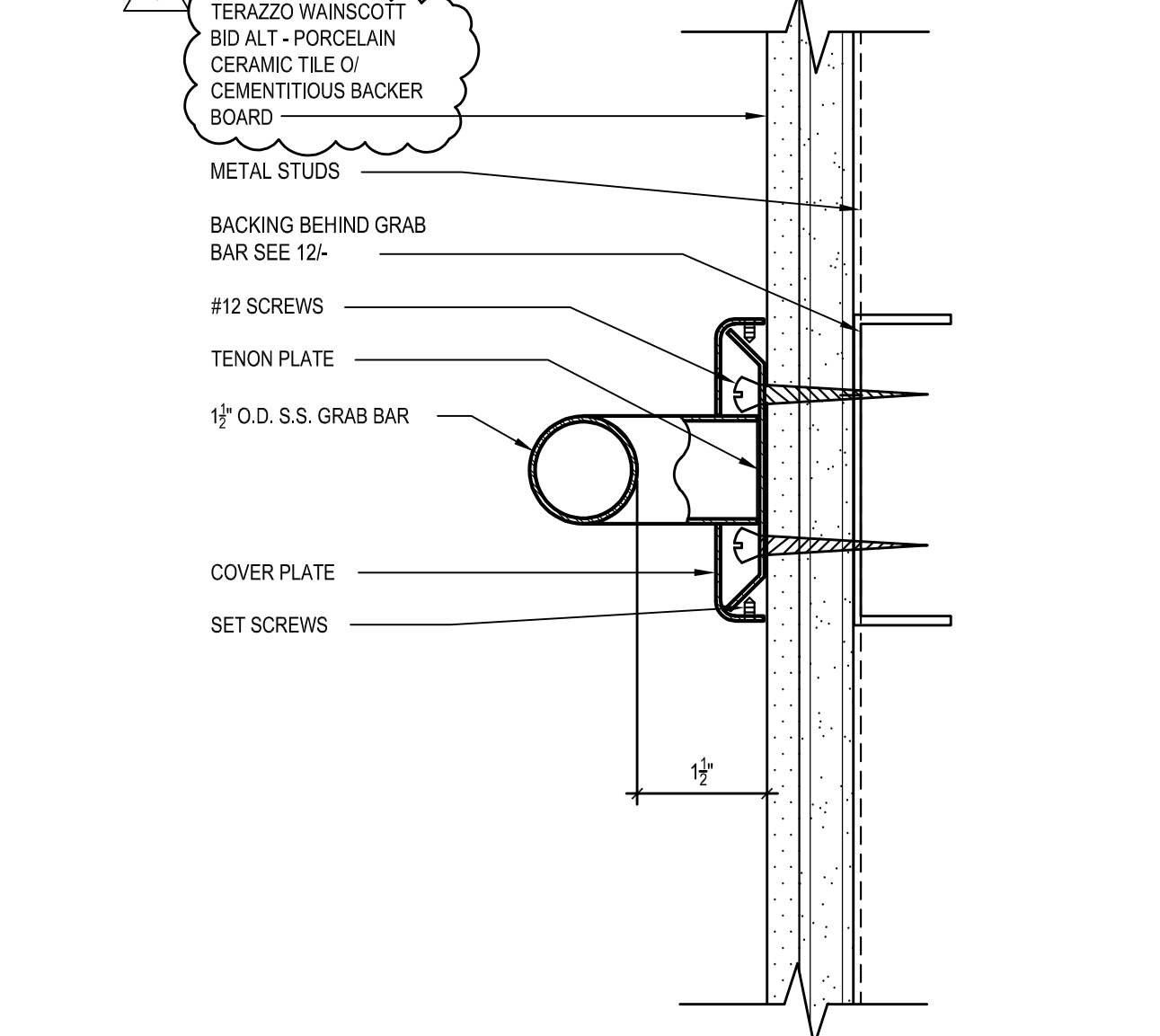
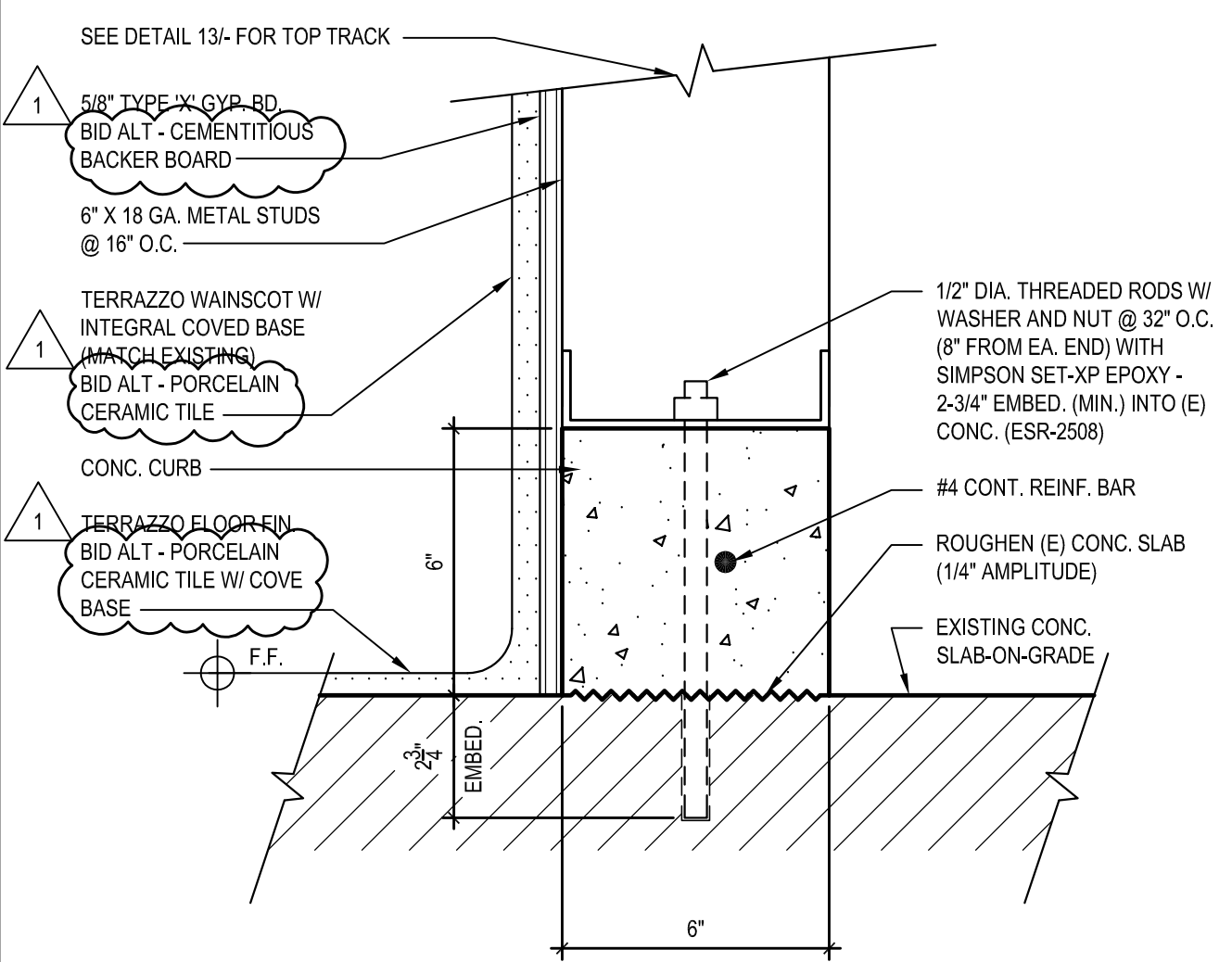
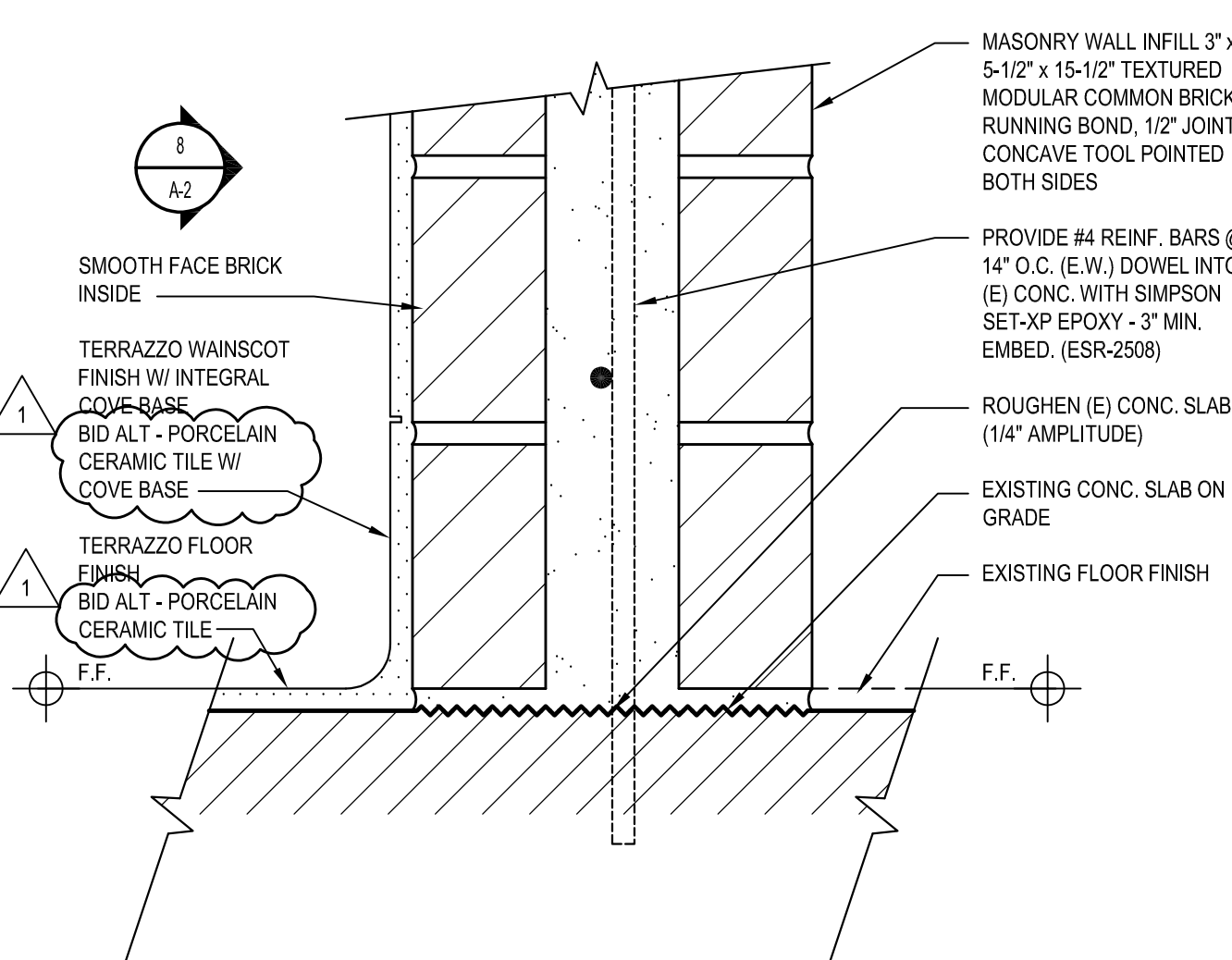
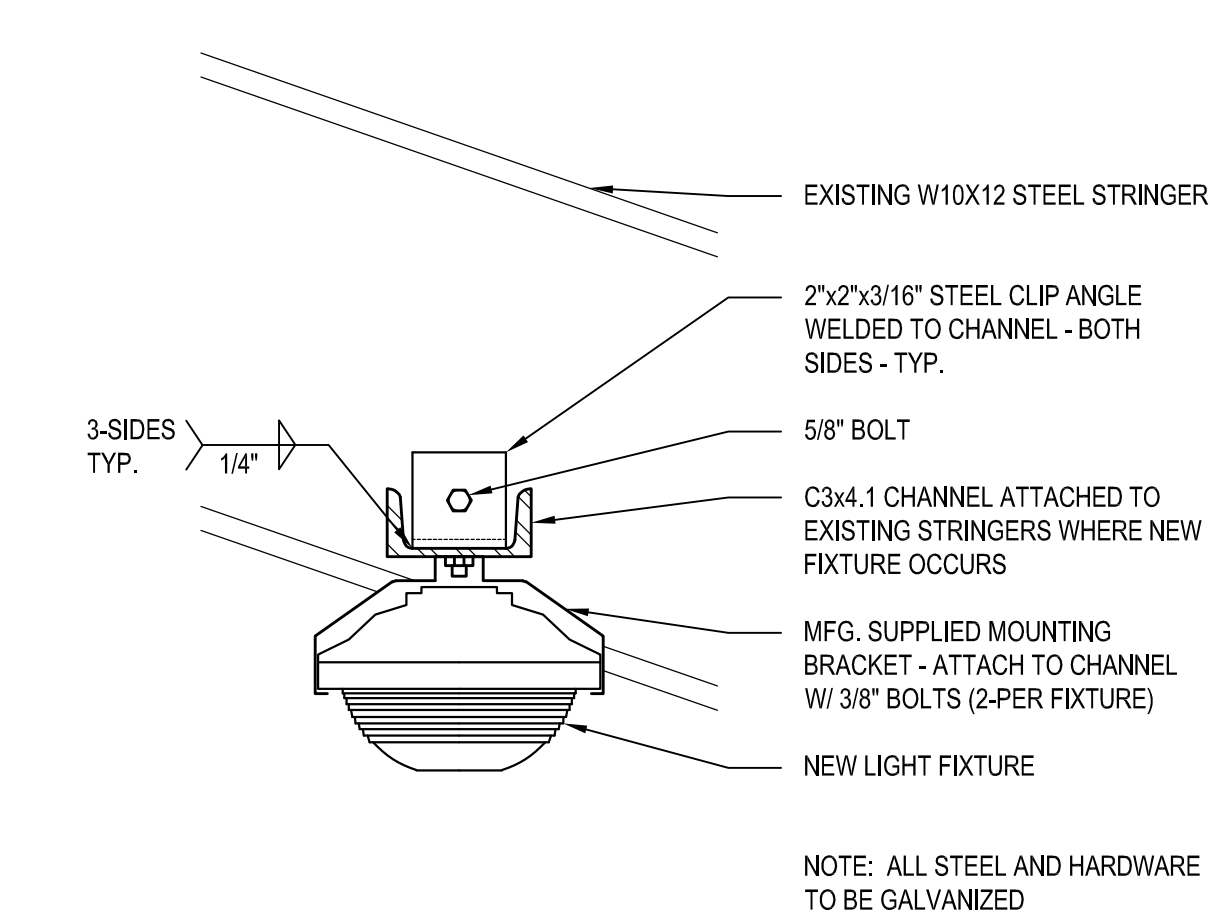
MOUNTING DETAIL - TYPE 'A' FIXTURE SCALE: 3" = 1'-0" 11

BACKING PLATE DETAIL SCALE: NONE 12

TOP TRACK SCALE: NONE 13

METAL STUDS TO METAL DECK SCALE: NONE 14

BRIDGING SCALE: NONE 15



MOUNTING DETAIL - TYPE 'C' FIXTURE SCALE: 3" = 1'-0" 16

CURB AT EXTERIOR PLASTER WALL SCALE: 3" = 1'-0" 17

PARTITION INFILL @ PLUMBING CHASE SCALE: 3" = 1'-0" 18

GRAB BAR - WALL MOUNTED SCALE: HALF 19

GRAB BAR - WALL MOUNTED SCALE: HALF 20

GLEN A. WILSON HIGH SCHOOL GRANDSTAND UPGRADES
16455 E. WEDGEWORTH DRIVE
HACIENDA HEIGHTS, CALIFORNIA 91745
HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT
owner

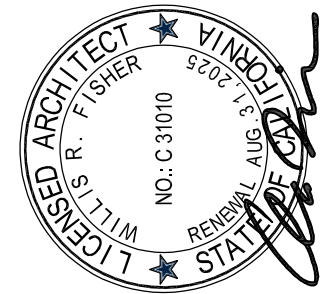
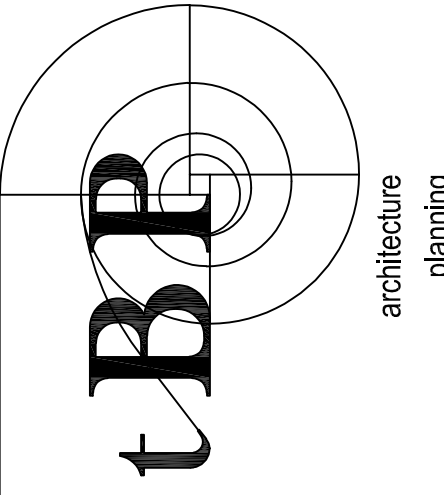
IBP project number : 21135.00
file name:
drawn by: checked by:
date: MARCH 10, 2021
Rev. date: description:
1/31/25 ADDENDUM NO 1
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DOOR SCHEDULE & DETAILS
drawing no.:
A-2
drawing of

MATERIAL SCHEDULE

SPEC. SECTION	MATERIAL	DESIGNATION	MANUFACTURER	COLOR NO.	COLOR NAME	REMARKS
08 30 00 CERAMIC TILING	BD ALTERNATE - TILE	PT-1	CROSSVILLE	SDH4	MST	RESTROOM TILE WALL (HONEY & FLOOR (UPS) SIZE: 12" X 24"
08 30 00 GROUT	BD ALTERNATE - TILE	G-1	CUSTOM BUILDING PRODUCTS	DRIFTWOOD #543	MST	TOILET ROOM FLOOR AND WALL GROUT

DIVISION OF THE STATE ARCHITECT
10620 VIA FRONTERA, SUITE 300
SAN DIEGO CA 92127
ph: 658.674.5400 fx: 658.674.5471

agency



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4611 Teller Avenue
Newport Beach, CA 92660
ph: 949.673.0300

architect

consultant

**GLEN A. WILSON HIGH SCHOOL
GRANDSTAND UPGRADES**

16455 E. WEDGEWORTH DRIVE
HACIENDA HEIGHTS, CALIFORNIA 91745
HACIENDA LA PUENTE UNIFIED SCHOOL DISTRICT

owner

tBP project number : 21135.00

file name: A-4_DETAILS

drawn by: checked by:

date: MARCH 10, 2021

Rev. date: description:

1/3/25 ADDENDUM NO 1

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MATERIAL SCHEDULE

drawing no.:
A-4
drawing of