
BID ADDENDUM #6

Nanuet Union Free School District
103 Church Street
Nanuet, NY 10954

Nanuet Bond Projects Phase 5

Date: February 14th, 2025

NOTICE TO CONTRACTORS

This Addendum issued prior to receipt of Bid shall and does hereby become a part of the Construction Documents for the above project.

All principal Contractors shall be responsible for seeing that their Subcontractors are properly apprised of the contents of this Addendum.

All information contained in this Addendum shall supersede and shall take precedence over any conflicting information in the original Bidding Documents dated **January 14, 2025**. and all previous addenda.

All Contractors shall acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject Bidder to disqualification.

CLARIFICATIONS:

1. Please exclude the following sheets from SOW that were incorrectly issued in Addendum #4:
 - a. ME-M003
 - b. ME-M004
 - c. ME-M102
 - d. ME-M103
 - e. ME-M105
 - f. ME-M106
 - g. ME-M107
 - h. ME-M108
2. Drawings HE-401 & HE-801 call for faux wood rubber flooring in lieu of wood as an alternate, but there's no listed alternate for this on the bid form. Please advise.
Response: Please see updated alternates and bid forms listing GC-01 Alt #3.
3. Please clarify on addendum #4 in the mechanical that there is a set of fire protection plans HE-FP101 when there is nothing on the base bid documents for this. Will this scope of work be carried by the plumbing or mechanical on this job?
Response: Fire protection scope is carried under the plumbing contract.
4. On the Highview bid forms, there are no items for plaster work, wire mesh partitions, wood flooring in the gym, and gym athletic pads. Please advise.

Response: Please see updated bid forms listing those items.

5. Addendum 2 Door Schedule HE-A601, door 112A & 112B get hardware sets TGP-01 and TGP-01.1, respectively. Addendum 2 section 087100 Hardware set TGP-01 and TGP-01.1 have fire rated hardware. The door schedule does not show door 112A and 112B as fire rated. Please advise.

Response: 112A exterior door is 90min rated, 112B is 45min rated. Please refer to the updated door schedule on HE-A601 with this addendum.

6. Section 084113 notes Windborne-Debris Impact Resistance performance. Is this required?

Response: Yes, that is correct.

7. Addendum 2 Door Schedule HE-A601, Glass types listed for doors 110C, 112A, 112B, and 113 do not match the specified types G1-G6 in 088000. Please confirm which door gets which specified glass type.

Response: : Please refer to glass types on the door schedule.

8. There is no performance information or specific glass make-ups for glazing types G1-G6 in section 088000. Please advise.

Response: Please refer to glass types on the door schedule.

9. Glass type G2 in section 088000 references Security Film at existing glazing shown on A10/HE-A405. Is this the only location? Please confirm.

Response: Yes, that is correct.

10. Addendum 2 Door Schedule HE-A601, Fire rating for doors 110C and 113 is noted as EXIST. Please advise what this means.

Response: Per the Fire rating on the Life Safety Plan on HE-G101, 110C and 113 will be 45min rated doors.

11. Addendum 2 Door Schedule HE-A601, door 113 is noted as aluminum with a hollow metal frame. Please confirm door 113 frame material.

Response: Door 113 is an aluminum door with aluminum frame, see updated HE-A601.

12. Addendum 2 Door Schedule HE-A601, door 112A is noted as frame type A. The floor plan shows frame type C. Please confirm frame type for door 112A.

Response: Door 112A is the exterior entry vestibule door, which is correctly noted as frame type A, not the security vestibule door which is correctly noted as frame type C.

13. Section 081116 Fire Rated Aluminum Full Vision Doors and Frames is listed in the Table of Contents but not including in the manual. Please advise.

Response: Please see spec 08 11 16 with this addendum.

14. Drawing HE-A405, elevation A14 does not show the security transaction window that is shown on the A1 floor plan. Please confirm this window is indeed in the scope of work.

Response: A14 is the elevation of the opposite wall, as shown on the elevation tag on plan A1/HE-A405. A14 is mislabeled as "East Elevation" – that is the West elevation.

15. Drawing HE P100 is in the bid set but not on the drawing cover sheet. Please advise if this work is to be included in the bid.

Response: HE-P100 is in scope and should be included in the bid.

CHANGES TO SPECIFICATIONS:

00 30 01 – GC-01 BID FORM

Added spec sections 090123 Patching Small Holes and Cracks in Plaster (labor and material), 096400 Wood flooring (labor and material), 102213 Wire Mesh Partition (labor and material), and 116623 Gymnasium Wall Padding (labor and material).

00 48 06 - WAGE DETERMINATION SCHEDULE

Link updated for Phase 5.

01 23 00 – ALTERNATES

GC-01 Alt #3 added as a deduct for faux wood rubber flooring instead of hardwood flooring.

08 11 16 - FIRE-RATED ALUMINUM FULL VISION DOORS AND FRAMES

Missing specification added.

09 01 23 – PATCHING SMALL HOLES AND CRACKS IN PLASTER

Missing specification added.

09 64 00 – WOOD FLOORING

Missing specification added.

10 22 13 – WIRE MESH PARTITIONS

Missing specification added.

11 66 23 – GYMNASIUM WALL PADDING

Missing specification added.

REVISIONS TO DRAWINGS:

ARCHITECTURAL

1. **Sheet HE-403: ENLARGED FLOOR PLAN, RCP, ELEVATIONS - TOILETS**
 - a. Updated grab bars and removed a sink from Girl's Bathroom G5 to meet ADA HC turnaround per SED comments.
2. **Sheet HE-404: ENLARGED FLOOR PLAN, RCP, ELEVATIONS - TOILETS**
 - a. Updated grab bars per SED comments.
 - b. Door 209A – added panic device as noted on door schedule on HE-A601.
3. **Sheet HE-405 ENLARGED FLOOR PLAN, RCP, ELEVATIONS – SECURITY VESTIBULE**
 - a. Updated security transaction window to be fire-rated per SED comments.
4. **Sheet HE-A531: INTERIOR SECTION AND DETAILS**
 - a. Updated wire mesh panel pattern per SED comments.
5. **Sheet HE-A601: DOOR SCHEDULE AND DETAILS**
 - a. Updated new door schedule.



215 West 40th Street, 15th Floor
New York, New York 10018

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ksq.design

STRUCTURAL

None

MECHANICAL

None

ELECTRICAL

None

PLUMBING

None

END OF BID ADDENDUM No.6

Nanuet Union Free School District
Nanuet Bond Projects Phase 5
KSQ Design Project No. 2411001.00

Addendum #6
February 14, 2025

0SECTION 00 30 01 - GC BID FORM

CONTRACT 1 – GENERAL CONSTRUCTION PROPOSAL (GC-01):

CLOSING: (signature)_____

DATE: _____

BY: _____

TITLE: _____

FIRM: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

CONTACT PERSON: _____

E-MAIL: _____

BID TO (Owner): Attention: Purchasing Agent
Nanuet Union Free School District
101 Church Street
Nanuet, New York 10954

SED Project Control No.	Highview Elementary School	SED#50-01-08-03-0-002-020
	Barr Middle School	SED#50-01-08-03-0-004-022
	Outdoor Education Center	SED#50-01-08-03-7-012-004
	Maintenance Building Renovations	SED#50-01-08-03-7-007-002

1. Representations: By making this Bid, the Bidder represents that:

The Bidder (identified above) hereby certifies that they have examined and fully understands the requirements and intent of the Bidding and Contract Documents, including Drawings, Project Manuals, and Addenda; and proposes to provide all labor, material, and equipment necessary to complete the Work on, or before, the dates specified in the Agreement.

To The Board of Education,

The undersigned hereby proposes to furnish all labor, materials, devices, appliances, supplies, equipment, services and other facilities necessary to complete all of the work of the above referenced Contract for the Nanuet Union Free School District, Nanuet, New York, as required by, and in accordance with, the provisions of the Instructions to Bidders, the Supplementary Instructions to Bidders, the Conditions of the Contract, the Drawings and Specifications, all as prepared by KSQ Design designated as Nanuet Union Free School District Phase 5 Projects, dated **January 14, 2025** and that, if this Proposal is accepted, the Undersigned agrees to enter into an Agreement with the owner to perform this work for the lump sum of:

Total Base Bid Lump Sum (All three locations): _____ (\$ _____)

Highview Elementary School: _____ (\$ _____)

Outdoor Education Center: _____ (\$ _____)

Maintenance Building Renovations: _____ (\$ _____)
(Words) (Figures)

ALLOWANCES:

The undersigned Contractor has included the Allowance(s) as specified in Section 01 21 00 in their Base Bid.

UNIT PRICE:

- A. **Unit Price GC-#1:** \$ _____ Dollars \$ No Cents
- B. **Unit Price GC-#2:** \$ _____ Dollars \$ No Cents
- C. **Unit Price GC-#3:** \$ _____ Dollars \$ No Cents
- D. **Unit Price GC-#4:** \$ _____ Dollars \$ No Cents

ALTERNATES:

Add Alternate GC-01 Alt #1 :\$_____ Dollar \$ No Cents
Add Alternate GC-01 Alt #2: \$_____ Dollar \$ No Cents
Add Alternate GC-01 Alt #3: \$_____ Dollar \$ No Cents

ADDENDA:

The undersigned acknowledges the receipt of the following addenda:

Addendum Number	Date	Addendum Number	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The Undersigned understands that the Owner reserves the right to accept or reject any or all proposals, but that if notice of the acceptance of the above Proposal is sent via United States Postal Service or any other overnight carrier, with signature required, to the Undersigned within sixty (60) days after the formal opening of Bids or anytime thereafter before this Proposal is withdrawn, the Undersigned will enter into, execute, and deliver a Contract within five (5) days after the date of said notification.

1. Time of Commencement and Completion:

The Undersigned agrees in the Base Bid to complete the work as per the Milestone Schedule provided in the Specifications.

2. Rejection of Bids:

The Bidder acknowledges that the Owner reserves the right to waive any informality in, or to reject any or all Bids.

3. Attachments:

Obtain and attach the following documents to each individual Bid.

- a. Corporate Resolutions
- b. Non-Collusive Bid Certification

- c. Iran Divestment Act Affidavit
- d. Bid Security
- e. Subcontractor List
- f. Substitution List
- g. NYSDOL Certificate of Registration (See Notice to Bidders for more information)

4. Work Cost Breakdown:

This form shall be filled out in its entirety and submitted by the Contractor. The grand total must equal the TOTAL BASE BID under Section I (A) "THE BID". UNIT PRICES are required for the items listed in the Unit Prices section of the work cost breakdown. Unit prices will be provided for use if the required quantities are more or less than the quantities indicated in the plans and specifications. Failure to complete the work cost breakdown may result in the disqualification of the bid. As itemized in the "Instructions to Bidders" for a complete Bid Form include the following which must be filled out completely, failure to comply with any listed below bid will be a rejected bid:

a. Bid Form, all costs must be shown in each CSI section and totaled, failure to breakdown these costs will be subject to disqualification of bid.

b. Unit costs

Highview Elementary School

Contract Number: Contract No. 01 – General Construction (GC-01)

Contract Titles: As noted in the Notice to Bidders 00 03 00

Date:

* Refer to specification Section 012900 Payment Procedures for additional information

Description	QTY	Unit	Total
General Requirements (Submittals, Punchlist, etc.)			
012100 Allowances - Unforeseen Conditions	1	NA	\$140,000
024100 Selective Demolition (Labor)			
024100 Selective Demolition (Material)			
028200 Asbestos Abatement			
033001 Cast in place concrete (Labor)			
033001 Cast in place concrete (Material)			
033400 Self-Leveling Toppings (Labor)			
033400 Self-Leveling Toppings (Material)			
040120 Maintenance and restoration of brick masonry (Labor)			
040120 Maintenance and restoration of brick masonry (Material)			
040305.13 Restoration mortars (Labor)			
040305.13 Restoration mortars (Material)			

040305.16 Restoration masonry repointing (Labor)			
040305.16 Restoration masonry repointing (Material)			
042200 Concrete Unit Masonry (Labor)			
042200 Concrete Unit Masonry (Material)			
051200 Structural Steel (Labor)			
051200 Structural Steel (Material)			
053100 Steel Decking (Labor)			
053100 Steel Decking (Material)			
054000 Cold Formed Metal Framing (Labor)			
054000 Cold Formed Metal Framing (Material)			
055000 Metal Fabrications (Labor)			
055000 Metal Fabrications (Material)			
055213 Pipe and tube railings (Labor)			
055213 Pipe and tube railings (Material)			
061000 Rough Carpentry (Labor)			
061000 Rough Carpentry (Material)			
061600 Sheathing (Labor)			
061600 Sheathing (Material)			
064023 Interior Architectural Woodwork (Labor)			
064023 Interior Architectural Woodwork (Material)			
071326 Self-Adhering sheet waterproofing (Labor)			
071326 Self-Adhering sheet waterproofing (Material)			
072100 Thermal Insulation (Labor)			
072100 Thermal Insulation (Material)			
072713 Fire-resistant self-adhering membrane air barrier (Labor)			
072713 Fire-resistant self-adhering membrane air barrier (material)			
074213 Composite Metal Panels (Labor)			
074213 Composite Metal Panels (Material)			
076200 Sheet metal flashing and trim (Labor)			
076200 Sheet metal flashing and trim (Material)			
078413 Penetration Firestopping (Labor)			
078413 Penetration Firestopping (Material)			
078446 Fire-resistive Joint Systems (Labor)			
078446 Fire-resistive Joint Systems (Material)			

079200 Joint Sealant (Labor)			
079200 Joint Sealant (Material)			
079500 Expansion Control (Labor)			
079500 Expansion Control (Material)			
081113 Hollow Metal Doors and Frames (Labor)			
081113 Hollow Metal Doors and Frames (Material)			
081116 Fire-rated aluminum full vision doors and frames (Labor)			
081116 Fire-rated aluminum full vision doors and frames (Material)			
081416 flush wood doors (Labor)			
081416 flush wood doors (Material)			
083113 Access Doors and Frames (Labor)			
083113 Access Doors and Frames (Material)			
084113 Aluminum Framed Entrances and Storefronts (Labor)			
084113 Aluminum Framed Entrances and Storefronts (Material)			
085667 Bullet-Resistant Transaction Window (Labor)			
085667 Bullet-Resistant Transaction Window (Material)			
087100 Door Hardware (Labor)			
087100 Door Hardware (Material)			
088000 Glazing (Labor)			
088000 Glazing (Material)			
088300 Mirrors (Labor)			
088300 Mirrors (Material)			
088717 Safety and security glazing films (Labor)			
088717 Safety and security glazing films (Material)			
090123 Patching Small Holes and Cracks in Plaster (Labor)			
090123 Patching Small Holes and Cracks in Plaster (Material)			
092216 non-structural metal framing Labor)			
092216 non-structural metal framing (Material)			
092900 Gypsum board (Labor)			
092900 Gypsum board (Material)			
093013 Ceramic Tile (Labor)			
093013 Ceramic Tile (Material)			
095123 Acoustic ceiling tile (Labor)			
095123 Acoustic ceiling tile (Material)			

096400 Wood Flooring (Labor)			
096400 Wood Flooring (Material)			
096513 resilient base and accessories (Labor)			
096513 resilient base and accessories (Material)			
096519 resilient flooring (Labor)			
096519 resilient flooring (Material)			
096723 Resinous Flooring (Labor)			
096723 Resinous Flooring (Material)			
097220 Wall coverings (Labor)			
097220 Wall coverings (Material)			
099100 painting (Labor)			
099100 painting (Material)			
101400 Interior Signage (Labor)			
101400 Interior Signage (Material)			
102100 Toilet Partitions (Labor)			
102100 Toilet Partitions (Material)			
102213 Wire Mesh Partition (Labor)			
102213 Wire Mesh Partition (Material)			
102800 toilet and bath accessories (Labor)			
102800 toilet and bath accessories (Material)			
104413 Fire Extinguisher Cabinets (Labor)			
104413 Fire Extinguisher Cabinets (Material)			
104416 Fire Extinguishers (Labor)			
104416 Fire Extinguishers (Material)			
111600 Bullet resistant fiberglass panels (Labor)			
111600 Bullet resistant fiberglass panels (Material)			
11 66 23 Gymnasium Wall Padding (Labor)			
11 66 23 Gymnasium Wall Padding (Material)			
123661 Simulated stone countertops (Labor)			
123661 Simulated stone countertops (Material)			
124813 Entrance mats and frames (Labor)			
124813 Entrance mats and frames (Material)			
144200 wheelchair lift (Labor)			
144200 wheelchair lift (Material)			

Maintenance Building

Contract Number: Contract No. 01 – General Construction (GC-01)

Contract Titles: As noted in the Notice to Bidders 00 03 00

Date:

* Refer to specification Section 012900 Payment Procedures for additional information

Description	QTY	Unit	Total
General Requirements (Submittals, Punchlist, etc.)			
012100 Allowances - Unforeseen Conditions	1	NA	\$8,000
024100 Selective Demolition (Labor)			
024100 Selective Demolition (Material)			
051200 Structural Steel (Labor)			
051200 Structural Steel (Material)			
053100 Steel Decking (Labor)			
053100 Steel Decking (Material)			
054000 Cold Formed Metal Framing (Labor)			
054000 Cold Formed Metal Framing (Material)			
055000 Metal Fabrications (Labor)			
055000 Metal Fabrications (Material)			
061000 Rough Carpentry (Labor)			
061000 Rough Carpentry (Material)			
061600 Sheathing (Labor)			
061600 Sheathing (Material)			
064023 Interior Architectural Woodwork (Labor)			
064023 Interior Architectural Woodwork (Material)			
071326 Self-Adhering sheet waterproofing (Labor)			
071326 Self-Adhering sheet waterproofing (Material)			
072100 Thermal Insulation (Labor)			
072100 Thermal Insulation (Material)			
072713 Fire-resistant self-adhering membrane air barrier (Labor)			
072713 Fire-resistant self-adhering membrane air barrier (material)			
074213 Composite Metal Panels (Labor)			
074213 Composite Metal Panels (Material)			
076200 Sheet metal flashing and trim (Labor)			
076200 Sheet metal flashing and trim (Material)			

078413 Penetration Firestopping (Labor)			
078413 Penetration Firestopping (Material)			
078446 Fire-resistive Joint Systems (Labor)			
078446 Fire-resistive Joint Systems (Material)			
079200 Joint Sealant (Labor)			
079200 Joint Sealant (Material)			
079500 Expansion Control (Labor)			
079500 Expansion Control (Material)			
081416 flush wood doors (Labor)			
081416 flush wood doors (Material)			
087100 Door Hardware (Labor)			
087100 Door Hardware (Material)			
088000 Glazing (Labor)			
088000 Glazing (Material)			
092216 Non-structural metal framing (Labor)			
092216 Non-structural metal framing (Material)			
095123 acoustical ceiling tile (Labor)			
095123 acoustical ceiling tile (Material)			
096513 resilient base and accessories (Labor)			
096513 resilient base and accessories (Material)			
096519 resilient flooring (Labor)			
096519 resilient flooring (Material)			
099100 painting (Labor)			
099100 painting (Material)			

Outdoor Education Center

Contract Number: Contract No. 01 – General Construction (GC-01)

Contract Titles: As noted in the Notice to Bidders 00 03 00

Date:

* Refer to specification Section 012900 Payment Procedures for additional information

Description	QTY	Unit	Total
General Requirements (Submittals, Punchlist, etc.)			
012100 Allowances - Unforeseen Conditions	1	NA	\$15,000
024100 Selective Demolition (Labor)			

024100 Selective Demolition (Material)			
051200 Structural Steel (Labor)			
051200 Structural Steel (Material)			
053100 Steel Decking (Labor)			
053100 Steel Decking (Material)			
054000 Cold Formed Metal Framing (Labor)			
054000 Cold Formed Metal Framing (Material)			
055000 Metal Fabrications (Labor)			
055000 Metal Fabrications (Material)			
055213 Pipe and tube railings (Labor)			
055213 Pipe and tube railings (Material)			
061000 Rough Carpentry (Labor)			
061000 Rough Carpentry (Material)			
061600 Sheathing (Labor)			
061600 Sheathing (Material)			
064023 Interior Architectural Woodwork (Labor)			
064023 Interior Architectural Woodwork (Material)			
071326 Self-Adhering sheet waterproofing (Labor)			
071326 Self-Adhering sheet waterproofing (Material)			
072100 Thermal Insulation (Labor)			
072100 Thermal Insulation (Material)			
072713 Fire-resistant self-adhering membrane air barriers (Labor)			
072713 Fire-resistant self-adhering membrane air barriers (material)			
076200 Sheet metal flashing and trim (Labor)			
076200 Sheet metal flashing and trim (Material)			
078413 Penetration Firestopping (Labor)			
078413 Penetration Firestopping (Material)			
078446 Fire-resistive Joint Systems (Labor)			
078446 Fire-resistive Joint Systems (Material)			
079200 Joint Sealant (Labor)			
079200 Joint Sealant (Material)			
079500 Expansion Control (Labor)			
079500 Expansion Control (Material)			

081113 Hollow Metal Doors and Frames (Labor)			
081113 Hollow Metal Doors and Frames (Material)			
087100 Door Hardware (Labor)			
087100 Door Hardware (Material)			
095123 acoustical ceiling tile (Labor)			
095123 acoustical ceiling tile (Material)			
096513 resilient base and accessories (Labor)			
096513 resilient base and accessories (Material)			
099100 painting (Labor)			
099100 painting (Material)			

Submit Bid Form in duplicate.

END OF SECTION 00 30 01

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SECTION 00 48 06 - WAGE DETERMINATION SCHEDULE

PART 1 - GENERAL

1.1 NEW YORK STATE DEPARTMENT OF EDUCATION INSTRUCTIONS

- A. Per instructions from the New York State Education Department in "Office of Facilities Planning Newsletter #106 – May 2011" the PRC number can be used by all prospective bidders to see the appropriate wage rates for the Project by following the website link:

Nanuet Bond Projects Phase 5

<https://apps.labor.ny.gov/wpp/publicViewProject.do?method=showIt&id=1583561> or

or PRC# 2025001616

Click on the "Wage Schedule" link near the top of the page.

- B. This process may be used for SED approval and for the actual bidding process.
- C. Prospective bidders must go to the DOL website with the PRC number provided and make certain their bid price is reflective of the actual wage rates for the particular project.
- D. Once the district has identified a low bidder, DOL states that the contract must include the actual wage rates for the project.
- E. (Facilities Planning Newsletters can be found online at:
<http://www.p12.nysed.gov/facplan/NewsLetters.htm>)

END OF SECTION 00 48 06

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SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the Base Bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A Schedule of Alternates is included at the end of this Section identifying each Alternate by number and describes basic changes to be incorporated into the Work only when that Alternate is made part of the Work by specific provision in the Owner/Contractor Agreement. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES:

A. CONTRACT GC-01-GENERAL CONSTRUCTION WORK:

1. GC-01 ALT #1: The contractor shall state the total amount to be added to the base bid for the removal of existing canopies and installation of new canopies at Barr Middle School as called out on Architectural drawings BM-AD000, BM-AD101, BM-A101, BM-A111, BM-A121, BM-A201, and BM-A301
GC-01 ALT #2: The contractor shall state the total amount to be added to the base bid for the repair of columns, the addition of bollards, and reroofing at Barr Middle School as called out on Architectural drawings BM-A101.2 and BM-A121.2.
GC-01 ALT #3: The contractor shall state the total amount to be deducted to the base bid to install faux wood rubber flooring at Highview Elementary School as called out on Architectural drawings HE-A401 & HE-A801.

END OF SECTION 012300

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SECTION 08 11 16 – FIRE-RATED ALUMINUM FULL VISION DOORS AND FRAMES

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Fire-rated aluminum full vision Aluflam door system including pre-finished door, frame, glazing, and hardware.

1.02 RELATED SECTIONS

- A. Section 08710 (08 71 00): Door Hardware.
- B. Section 08817 (08 88 17): Fire-Rated Glass & Framing.

1.03 REFERENCES

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM E119 Standard Test Methods for Fire Tests of Building Construction and Materials.
 - 2. ASTM E2074 Standard Test Method for Fire Tests of Door Assemblies, Including Positive Pressure Testing of Side-Hinged and Pivoted Swinging Door Assemblies.
- B. National Fire Protection Association (NFPA):
 - 1. NFPA 80: Standard for Fire Doors and Fire Windows.
 - 2. NFPA 251: Standard Methods of Tests of Fire Endurance of Building Construction and Materials.
 - 3. NFPA 252: Standard Methods of Fire Tests of Door Assemblies.
- C. Uniform Building Code (UBC):
 - 1. UBC-7-2: Methods for Fire Tests of Door Assemblies.
- D. Underwriters Laboratories, Inc. (UL):
 - 1. UL 10C: Positive Pressure Fire Tests of Door Assemblies.
- E. Standard Council of Canada:
 - 1. ULC Standard CAN4-S104: Fire Tests of Door Assemblies.
- F. American National Standards Institute (ANSI):
 - 1. ANSI Z97.1 Safety Glazing Materials Used in Buildings – Safety Performance Specifications and Methods of Test.
- G. Consumer Product Safety Commission (CPSC):
 - 1. CPSC 16 CFR 1201 Categories I and II: Safety Standard for Glazing Materials.

1.04 SYSTEM DESCRIPTION

- A. Performance Requirements:
 - 1. Fire Rating: 60 minutes.
 - 2. Certification: Doors and frames shall be tested in accordance with ASTM E 2074, NFPA 252, UBC 7-2, UL 10C, CAN4-S104.
 - 3. Testing Laboratory: Fire tests shall be conducted by an approved independent testing laboratory, similar to Underwriter's Laboratories, Inc.

1.05 SUBMITTALS

- A. Submit listed submittals in accordance with Conditions of the Contract and Division 1 Submittal Procedure Section.
 - 1. Shop Drawings: Submit shop drawings showing layouts, profiles and product components.
 - 2. Samples: Submit samples for finishes, colors and textures.
 - 3. Technical Information: Submit latest edition of manufacturer's product data providing product description, technical data and installation instructions.

1.06 QUALITY ASSURANCE

- A. Listings and Labels:
Fire rated framing and glazing shall be under current follow-up services by an approved independent agency and maintain a current listing or certification. Assemblies shall be labeled in accordance with limits of listings.

1.07 DELIVERY, STORAGE AND HANDLING

- A. Ordering: Comply with manufacturer's ordering instructions and lead-time requirements to avoid construction delays.
- B. Delivery: Deliver materials to specified destination in manufacturer's packaging undamaged, complete with installation instructions.
- C. Storage and Protection: Store off ground, under cover, protected from weather, direct sunlight, construction activities and at temperature conditions recommended by manufacturer, +10°F to +110°F.
- D. Handling: Protect materials and finish during handling and installation to prevent damage.

1.08 PROJECT CONDITIONS

- A. Field Measurements: Verify actual measurements for openings by field measurements before fabrication. Show recorded measurements on shop drawings. Coordinate field measurements and fabrication schedule with construction progress to avoid construction delays.

PART 2 - PRODUCTS

2.01 FIRE-RATED ALUMINUM FULL VISION DOORS AND FRAMES

- A. Manufacturer: Aluflam North America
 - 1. Contact: 16604 Edwards Road, Cerritos, CA 90703: Telephone 562.926.9520 Fax 562.404.1394. E-mail info@aluflam-usa.com Website www.aluflam-usa.com, or local representative (www.aluflam-usa.com/contact/representatives.php).

2.02 MATERIALS – ALUMINUM FRAMING

- A. Frame construction: Integral structure and glazing stops from extruded and thermally broken aluminum profiles. Filled internally with cement composite material.
- B. Dimensions:
 - 1. Door framing face dimension: 2-½ inch

2. Depth of door framing: 3-7/16 inch (3-5/8 for 90 Min Door)
3. Door stile face dimension: 3-9/16 inch (3-3/4 for 90 Min Door)
4. Door cross rail (if applicable): 3-9/16 inch (N/A for 90 Min Door)

- C. Assembly: Frame corners assembled by means of crimped and bonded miter joints.
- D. Sealing: Framing system shall insulate against effects of fire, smoke, and heat transfer from either side. Perimeter of the framing system to the rough opening shall be firmly packed with mineral wool insulation.

2.03 MATERIALS – FIRE RESISTANT GLAZING

- A. Assemblies shall be glazed with 60 minute rated 1 inch thick SGG Contraflam 60 fire resistant glazing material as manufactured by Vetrotech Saint-Gobain (www.vetrotechusa.com).
1. Individual lites shall be permanently identified with a listing mark.
 2. Glazing material installed in “Hazardous Locations” (subject to human impact) shall be certified to meet the applicable requirements for fire rated assemblies referenced in ANSI Z97.1 Standard for Safety Glazing Materials Used In Buildings and/or CPSC 16 CFR 1201 Safety Standard for Architectural Glazing Materials.
 3. Visible daylight transmission shall be a minimum of 81%. Glazing material shall be optically clear, colorless and free from unusual distortion.

2.04 MATERIALS – GLAZING AND ASSEMBLY ACCESSORIES

- A. Fasteners: All fasteners, setting pads, and glazing clips, shall be stainless or zinc-plated steel.
- B. Glazing Accessories: The glazing material perimeter shall be separated from the perimeter framing system with approved flame retardant intumescent glazing tape. Ceramic setting blocks shall be placed between the metal setting pads and the glazing material. Setting pads and blocks provided by manufacturer.

2.05 FABRICATION

- A. Door frames and door leaves shall be furnished pre-assembled. Door assemblies shall be field glazed.
- B. Door assemblies shall be factory prepared for field mounting of hardware.
- C. Fabrication Dimensions: Fabricate to approved dimensions. The general contractor shall guarantee dimensions within required tolerance (+ - 1/8”). Obtain approved shop drawings prior to fabrication.

2.06 FINISHES

- A. Framing shall be chemically cleaned and pretreated, then finished on all exposed areas with: Anodized – Dark Bronze
- B. Protect finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Slight variations in appearance of abutting or adjacent pieces are acceptable. Noticeable variations in the same piece are not acceptable.

2.07 DOOR HARDWARE

A. Hardware shall be supplied from door manufacturer's standard recommended hardware groups as specified.

B. Operating hardware for single doors. Each to have the following:

Quantity	Description	Manufacturer/Model	Finish
1	Surface applied door closer	Dorma TS93 series	Aluminum
3	Surface applied hinges (Qty 4 on 90 min door)	Dr Hahn A901/951 series	Aluminum
2	Lever handles	FSB 1080 series	Stainless
1	Narrow stile mortise lock	Accurate 8600 series	Stainless (front)
1	Cylinder lock	Schlage compatible	Satin chrome
1	*) Rim based exit device – (Standard on 90 min door)	Dorma 9700	Stainless
1	*) 10" bottom kickplate	Aluflam	Match door finish
1	*) Automatic floor seal	Planet MF	Aluminum

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine area to receive doors. Openings shall be plumb, square and within allowable tolerances. Notify Architect of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

3.02 INSTALLATION

A. Door installation shall be by a specialty contractor with appropriate experience qualifications; and in strict accordance with the approved shop drawings.

3.03 CLEANING

A. Cleaning: Remove temporary coverings and protection of adjacent work areas. Glass and frame should be cleaned using soft clean cloth, chamois leathers, sponges or soft paper. Use clean warm water with a mild detergent. Do not use detergent that contains either alkaline, acids or fluoride! Abrasive cleaning methods can damage surfaces! Clean prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.

END OF SECTION

SECTION 09 01 23 – PATCHING SMALL HOLES & CRACKS IN PLASTER

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. The procedures include general guidelines offered by GSA (US Government Services Administration) to follow when restoring plaster in historic buildings. It identifies specific design issues and outlines recommended installation solutions that have the least visual or physical impact on the historic materials. This procedure includes guidance on repair of patching small chips, cracks or depressions in plaster surfaces.
- B. Related Requirements:
 - 1. Division 09: Gypsum Plaster, Restoring Large Plaster Holes.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of process and factory-fabricated product.
- B. Sustainable Submittals:
- C. Product Data: for adhesives, documentation including printed statement of VOC content.

1.4 INFORMATIONAL SUBMITTALS

- A. Evaluation Reports:
 - 1. Expansion anchors.
 - 2. Metal framing anchors.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect materials from weather in waterproof enclosure. Provide for air circulation around materials.

1.6 QUALITY ASSURANCE

- A. These guidelines should be reviewed prior to performing this procedure and should be followed, when applicable, along with recommendations from the local preservation office or State Historic Preservation Officer (SHPO).

1.7 REFERENCES

- A. American National Standards Institute (ANSI) Standard Specifications: ANSI, 1430 Broadway, New York, NY 10018.
- B. American Society for Testing and Materials (ASTM) Standard Specifications: ASTM, 1916 Race Street, Philadelphia, PA 19103-1187, 215/299-5400.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. U.S. Gypsum Association 810 First Street NE, #510 Washington, DC 20002 202/289-5440, FAX 202/289-3707

2.2 MATERIALS

- A. Gypsum Plaster Materials:
 - 1. General: gypsum plastering materials shall conform to ANSI A42.1. Provide neat or ready-mixed materials at installer's option unless indicated otherwise.
 - 2. Base coat plaster: Perlite gypsum plaster such as "Structo-Lite" (U.S. Gypsum Association), or approved equal.
 - 3. Base coat aggregate: Sand.
 - 4. Finish coat plaster: Keene's cement.
 - 5. Finishing lime: Installer's option for type.
- B. Bonding Materials: Bonding agent shall conform to ASTM C631.

2.3 EQUIPMENT

- A. Joint knife
- B. Sponge or heavy-nap cloth
- C. Crack widener or triangular can opener
- D. Stiff bristle brushes
- E. Hawk
- F. Slicker (flexible straight-edge)
- G. Plasterer's trowel
- H. Margin trowel
- I. Mortarboard and mud pan
- J. Pointing trowel

PART 3 - EXECUTION

3.1 EXECUTION, INSTALLATION, APPLICATION

- A. Scrape loose or damaged finish plaster and peeling paint from surface with chisel or joint knife. Remove material where required to enlarge cracks, chips, holes, etc. to at least 1/2 inch across and undercut to improve bonding of new material.
- B. Brush or vacuum surface to remove dust and debris.
- C. Moisten the surface by lightly spraying a fine mist of clean water from a spray bottle.
- D. Apply skim finish coat over low areas to bring entire finished surface out flush with the projecting firm and sound layers of adjacent plaster or paint. Form plaster as required to match original configuration and design or ornamental plaster.

- E. Once dry, sand by hand to produce a surface without bumps, cracks or depressions, ready to receive finish treatment.

3.2 ADJUSTING/CLEANING

- A. Upon completion of this work, all floors, walls and other adjacent surfaces that are stained, marred, or otherwise damaged by work in this procedure shall be cleaned and repaired and all work and the adjacent areas shall be left in a clean and perfect condition.
- B. All completed work shall be adequately protected from damage by subsequent building operations and effects of weather. Protection shall be by methods recommended by the manufacturer of installed materials and as approved by Architect.

3.3 WASTE MANAGEMENT

- A. Coordinate with Division 01.
 - 1. Separate and recycle cut-offs and waste materials and material packaging in accordance with Waste Management Plan and to the maximum extent economically feasible and place in designated areas for recycling.
 - 2. Set aside and protect materials suitable for reuse and/or remanufacturing.
 - 3. Separate and fold up metal banding; flatten and place along with other metal scrap for recycling in designated area

END OF SECTION 09 01 23

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SECTION 09 64 00 - WOOD FLOORING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This section includes the performance criteria, materials, production, and erection of wood flooring for the project. The work performed under this Section consists of the provision of all plant, materials, labor and equipment and the like necessary and/or required for the complete execution of all wood flooring as required by this section, schedules, keynotes and drawings, including, but not limited to the following:
 - 1. Factory-finished, acrylic impregnated engineered hardwood flooring.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. NOT APPLICABLE: Sustainable Design Submittals:
 - 1. ~~Product Data: comply with project requirements intended to achieve sustainable design, measured and documented according to Section 01 81 13 Sustainable Design Requirements.~~
 - 2. ~~Submit: TBD~~
 - a. ~~Certificates for: Chain of custody certificates certifying that products specified to be made from certified wood comply with forest certification requirements. Include evidence that mill is certified for chain of custody by an FSC accredited certification body. Include statement indicating cost for each certified wood product.~~
 - b. ~~Product Data for: For wood flooring installation adhesives, documentation including printed statement of VOC content.~~
 - c. ~~Product Data for: For wood flooring, documentation from an independent testing agency indicating compliance with the FloorScore Standard.~~
 - d. ~~Product Data for: For composite wood products, documentation indicating that the bonding agent contains no urea formaldehyde~~
 - e. ~~Product Data for: For composite wood products, documentation indicating that the bonding agent contains no urea formaldehyde.~~
- C. Shop Drawings: For each type of floor assembly and accessory. Include plans, elevations, sections, details, and attachments to other work. Include expansion provisions and trim details.

- D. Samples for Initial Selection: Manufacturer's color charts showing the full range of colors and finishes available for wood flooring.
- E. Samples for Verification: For each type of wood flooring and accessory, with stain color and finish required, approximately 12 inches (300 mm) long and of same thickness and material indicated for the Work and showing the full range of normal color and texture variations expected.
- F. Installer Certification: Submit a list of at least five installations successfully completed within the past year requiring the same general degree of installation expertise.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Test Reports: For wood flooring, for tests performed by a qualified testing agency.

1.5 CLOSEOUT SUBMITTALS

- A. Maintenance Data: For wood flooring to include in maintenance manuals. Include the following:
 - 1. Methods for maintaining wood flooring, including cleaning and stain-removal products and procedures and manufacturer's recommended maintenance schedule.
- B. Precautions for cleaning materials and methods that could be detrimental to wood flooring.

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials described below, before installation begins, that match products installed and that are packaged with protective covering for storage and identified with labels describing contents
 - 1. Wood Flooring: Full-size units equal to 10 percent of amount installed for each type of wood flooring product indicated.

1.7 QUALITY ASSURANCE

- A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.
- B. Installer: Shall be experienced in the wood flooring industry and shall have a minimum of five (5) years' experience in the installation of similar products.
- C. Hardwood Flooring: Comply with NOFMA's "Official Flooring Grading Rules" for species, grade, and cut.
 - 1. Certification: Provide flooring that carries NOFMA grade stamp on each bundle or piece.
- D. Maple Flooring: Comply with applicable MFMA grading rules for species, grade, and cut.

1. Certification: Provide flooring that carries MFMA mark on each bundle or piece.
- E. Accept only prefinished flooring from the same factory lot. Ensure that micro-beveled ends are straight cut and perpendicular to long edges.
- F. Source Limitations for Products: Obtain wood products specified in this Section from a single manufacturer.
- G. Pre-Installation Meeting: Conduct an on-site pre-installation meeting to verify project requirements, substrate conditions, manufacturer's installation instructions and manufacturer's warranty requirements
- H. Build mockup of typical flooring area as shown on Drawings including base and shoe moldings
 1. Approval of mockups does not constitute approval of deviations from the Contract Documents contained in mockups unless Architect specifically approves such deviations in writing.
 2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.8 DELIVERY, STORAGE, AND HANDLING

- A. Deliver wood flooring materials in unopened cartons or bundles.
- B. Protect wood flooring from exposure to moisture. Do not deliver wood flooring until after concrete, masonry, plaster, drywall, ceramic tile, and similar wet work is complete and dry.
- C. Store wood flooring materials in a dry, warm, ventilated, weathertight location.

1.9 PROJECT CONDITIONS

- A. Conditioning period begins not less than seven days before wood flooring installation, is continuous through installation, and continues not less than seven days after wood flooring installation
 1. Environmental Conditioning: Maintain an ambient temperature between 65 and 75 deg F and relative humidity planned for building occupants in spaces to receive wood flooring during the conditioning period.
 2. Wood Flooring Conditioning: Move wood flooring into spaces where it will be installed, no later than the beginning of the conditioning period.
 - a. Do not install flooring until it adjusts to relative humidity of, and is at same temperature as, space where it is to be installed.
 - b. Open sealed packages to allow wood flooring to acclimatize immediately on moving flooring into spaces in which it will be installed.
- B. After conditioning period, maintain relative humidity and ambient temperature planned for building occupants.

- C. Install factory-finished wood flooring after other finishing operations, including painting, have been completed.

1.10 WARRANTY

- A. Special Warranty for Engineered Wood Flooring: Manufacturer agrees to repair or replace components of wood floor installation that fail in materials or workmanship within specified warranty period.
 - 1. Warranty does not include deterioration or failure of wood floor due to unusual traffic, failure of substrate, vandalism, or abuse.
- B. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. FloorScore Compliance: Wood floors shall comply with requirements of FloorScore Standard.
- B. Low-Emitting Materials: Wood flooring systems shall comply with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."

2.2 FACTORY-FINISHED WOOD FLOORING

- A. Certified Wood: Provide wood flooring produced from wood obtained from forests certified by an FSC-accredited certification body to comply with FSC STD-01-001, "FSC Principles and Criteria for Forest Stewardship."
- B. Engineered-Wood Flooring: Hardwood Plywood & Veneer Association (HPVA EF) standard that complies with the testing and product requirements of the California Department of Health Services' "Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers."
 - 1. Basis-of-Design Product: Subject to compliance with requirements, provide Armstrong Performance Plus Commercial Hardwood or comparable product by one of the following:
 - a. Bruce Hardwood Flooring
 - b. Mannington Mills, Inc.
 - c. Tarkett Wood Flooring.
 - d. Vermont Plank Flooring.
 - 2. Species: See Finish Schedule.
 - 3. Thickness: .375 inch.
 - 4. Construction: Five ply laminated construction. Each plank to meet or exceed HPVA Type II bond test.
 - 5. Face Width: 5-inches

6. Length: Variable: 9" – 48".
7. Wear layer thickness: 1/12"
8. Edge / End Style: Beveled.
9. Milling: Tongue and groove sides, end matched.
10. Fire rating: ASTM E648 Critical Flux of 0.45 watts/cm² or greater, Class 1.
11. Mechanical fasteners: not less than 1-3/16" in length.
12. Finish: UV cured factory applied acrylic impregnated, low gloss.
 - a. Color: As selected by Architect in manufacturer's full range.

2.3 ACCESSORY MATERIALS

- A. Wood Underlayment: Existing plywood.
- B. For added noise reduction at floor installation, sound absorption, thermal insulation, and moisture barrier provide Armstrong's S-1836 Quiet Comfort Premium Underlayment or differing manufacturer's equivalent.
- C. Trowelable Leveling and Patching Compound: Latex-modified, hydraulic-cement-based formulation approved by wood flooring manufacturer.
- D. Fasteners: As recommended by manufacturer, but not less than that recommended in NWFA's "Installation Guidelines: Wood Flooring."
- E. Provide all available coordinating transition and molding pieces designated to meet installation application for finishing and transitioning to other floor products. Install in accordance with manufacturer's guidelines and intended use.
- F. For completing minor repairs during installation provide coordinated manufacturer's acrylic filler or touch-up kit that corresponds and blends with the product color.
- G. Thresholds and Saddles: To match wood flooring. Tapered on each side.
- H. Reducer Strips: To match wood flooring. 2 inches (51 mm) wide, tapered, and in thickness required to match height of flooring.
- I. Cork Expansion Strip: Composition cork strip.
- J. Wood Air Vents and Grilles: To match wood flooring and in sizes and design indicated on Drawings.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas and conditions, with Installer present, for compliance with requirements for maximum moisture content, installation tolerances, and other conditions affecting performance of wood flooring.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Wood subfloor must be dry, clean, structurally sound, flat to within 3/16" in 10 ft., well nailed and/or glued, free of voids and with flat joint alignment.
- B. Use trowelable leveling and patching compounds, according to manufacturer's written instructions, to fill cracks, holes, and depressions in substrates.
- C. Remove coatings, including curing compounds, and other substances on substrates that are incompatible with installation requirements and that contain soap, wax, oil, or silicone, using mechanical methods recommended by manufacturer. Do not use solvents.
- D. Broom or vacuum clean substrates to be covered immediately before product installation. After cleaning, examine substrates for moisture, alkaline salts, carbonation, or dust. Proceed with installation only after unsatisfactory conditions have been corrected.
- E. The wood subflooring materials should not exceed 13% moisture content. Using a reliable wood moisture meter, check the moisture content of the subfloor.
 - 1. Ensure that all nail heads are set flush with or below surface.
- F. Use thick 5/8" (16mm) or 3/4" (19mm) APA-CDX grade underlayment plywood or equivalent.
- G. Allow 1/8"-1/4" (3,2-6,4mm) expansion space between sheets with staggered joints. Leave 3/4" (19mm) minimum expansion space at all vertical obstructions.

3.3 INSTALLATION

- A. Comply with flooring manufacturer's written installation instructions, but not less than applicable recommendations in NWFA's "Installation Guidelines: Wood Flooring" and "Hardwood Plywood & Veneer Association" (HPVA EF) standard.
- B. Wood Sleepers and Subfloor: Install according to requirements in Section 061000 "Rough Carpentry."
- C. Wood Underlayment: Install according to requirements in Section 061000 "Rough Carpentry."
- D. Provide expansion space at walls and other obstructions and terminations of flooring per manufacturer's guidelines and requirements.
- E. Engineered-Wood Flooring: Nail or staple per manufacture's requirements and recommendations.

3.4 PROTECTION

- A. Protect installed wood flooring during remainder of construction period with covering of heavy kraft paper or other suitable material. Do not use plastic sheet or film that might cause condensation.

1. Do not move heavy and sharp objects directly over kraft-paper-covered wood flooring. Protect flooring with plywood or hardboard panels to prevent damage from storing or moving objects over flooring.

3.5 WASTE MANAGEMENT

A. Coordinate with Division 01.

1. Separate and recycle cut-offs and waste materials and material packaging in accordance with Waste Management Plan and to the maximum extent economically feasible and place in designated areas for recycling.
2. Set aside and protect materials suitable for reuse and/or remanufacturing.
3. Separate and fold up metal banding; flatten and place along with other metal scrap for recycling in designated area

END OF SECTION 09 64 00

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SECTION 102213 - WIRE MESH PARTITIONS

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. 130A Standard Duty Wire Mesh.
 - 1. Hinge Doors.
 - 2. Sliding Doors.
 - 3. Wire Mesh Ceilings.

1.2 DEFINITIONS

- A. Intermediate Crimp: Wire pass over one and under the next adjacent wire in both directions, with wires crimped before weaving and with extra crimps between intersections.

1.3 SUBMITTALS

- A. Product Data: For each type of product.
- B. Sustainable Design Submittals:
 - 1. Product Data: For recycled content, indicating postconsumer and preconsumer recycled content and cost.
- C. Shop Drawings:
 - 1. Include plans, elevations, sections, details of panel and door construction, and hardware.
 - 2. Indicate clearances required for operations of doors.
- D. Samples for initial selection: For units with factory-applied color finishes.
- E. Samples for verification: 12-by-12-inch (300-by-300-mm) panel constructed of specified frame members and wire mesh.

1.4 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 1 year experience installing similar products.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver wire mesh items palletted and wrapped to provide protection during transit and project-site storage. Use vented plastic.
- B. Store wire mesh in a dry area out of weather and prohibit stacking other materials on top.

1.6 FIELD CONDITIONS

- A. Field Measurements: Verify actual dimensions of contiguous with wire mesh units by field measurements before fabrication.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acorn Wire & Iron Works LLC

2.2 MATERIALS

- A. Steel Wire: ASTM A 510.
- B. Steel Plates, Channels, Angles, and Bars: ASTM A 36.
- C. Steel Sheet: Cold-rolled steel sheet, ASTM A 1008/A 1008M.
- D. Steel Tubing: ASTM A 500/A, cold-formed structural-steel tubing.
- E. Panel-to-Panel Fasteners: Acorn's standard steel bolts and nuts.

2.3 130-A STANDARD-DUTY WIRE MESH PARTITIONS

- A. Mesh: 10 gauge steel ~~0.135-inch~~ (3.5-mm-) diameter, intermediate crimp steel wire woven into ~~1-1/2-inch~~ (38-mm) diamond mesh.
- B. Vertical Frames: ~~1-1/4-by-5/8~~ (32-by-16-mm) cold-rolled, C shaped steel channels with holes for ~~1/4-inch~~ (6-mm-) diameter bolts not more than ~~12 inches~~ (300 mm) o.c.
- C. Horizontal Frames: ~~1-by-1/2-by-1/8 inch~~ (11Ga) (25-by-13-by-3.2-mm) cold-rolled steel channels.
- D. Top Capping Bars: ~~2-1/4-by-1-inch~~ (57-by-25-mm) cold-rolled steel channels.
- E. Posts for 90-Degree Corners: ~~1-1/4-by-1-1/4-by-12 gauge~~ (32-by-32-by-12 gauge) steel angles with holes for ~~1/4-inch~~ (6-mm-) diameter bolts aligning with bolt holes in vertical framing; with floor shoes.
- F. Adjustable Corner Posts: Two ~~1-1/4-by-5/8-by-0.080-inch~~ (32-by-16-by-2.0-mm) cold-rolled, C-shaped steel channels connected by steel hinges at ~~36 inches~~ (900 mm) o.c., with holes for ~~1/4-inch~~ (6-mm-) diameter bolts aligning with bolt holes in vertical framing.
- G. Line Posts: ~~3-inch-by-4.1-lb~~ (76-mm-by-1.9-kg) steel channels; with ~~5/16-inch~~ (7.9-mm) steel base plates.



- H. Floor Shoes: Aluminum, 2-1/2 inches (63.5 mm) high, with set screws for leveling adjustment.
- I. Swinging Doors: Fabricated from same mesh as partitions, with framing fabricated from [1-1/4-by-1/2-by-0.105-inch (32-by-13-by-3.2-mm), 11-gauge-] [1-1/4-by-5/8-by-0.080-inch (32-by-16-by-2.0-mm)] cold-rolled, U-shaped steel channels, covered with 1-1/4-by-1/8-inch (32-by-3.2-mm) flat steel bar cover plates on three sides, and with 1-1/2-by 7/8-by 0.105-inch- (38-by 22-by 2.66-mm-), 12-gauge-thick angle strike bar and cover on strike jamb. Each door to have (3) 3"x 4" butt hinges fixed with pins.
 - 1. Marks Lockset (Model #W3700) with cylinder operated by key outside and recessed knob inside.
 - 2. Padlock Lug: Mortised into door framing.
 - 3. Optional hardware:
 - A. Prep for special hardware: 1) Electric lock, 2) Exit device, 3) Electric strike, 4) Magnet lock, 5) door closer.
 - B. Hardware specified in section 087100.
- J. Swinging Dutch Doors: Two section door with lower section lock, upper section hasp for padlock, and shelf centered on lower section. Fabricated same as hinge door with each section having one pair of butt hinges.
- K. Sliding Doors: Fabricated from same mesh as partitions, with framing fabricated from 1-1/2-by-3/4-by-1/8-inch (38-by-19-by-3.2-mm) 11 Ga steel channels, banded with 1-1/2-by-1/8-inch (38-by-3.2-mm) flat steel bar cover plates on four sides.
 - 1. Hardware: Two, four-wheel roller-bearing carriers, box track, and bottom guide channel for each door.
 - 2. Padlock Lug: Mortised into door framing.
 - 3. Cylinder Lock: Marks Lockset (Model #W3820) with cylinder operated by key outside and recessed knob inside.
 - 4. Optional hardware:
 - A. Prep for magnet lock.
 - B. GL1 Electric Lock.
- L. Vertically Sliding Service Windows: Fabricated from same mesh as panels and equipped with a spring catch on each jamb to lock window in open position and a padlock lug to lock window in closed position. Include opening frame in partition fabricated from 1-by-1-by-0.105-inch (25-by-25-by-2.66-mm), 12-gauge-steel box channels.
 - 1. Size: [24 inches wide by 15 inches high (600 mm wide by 381 mm high)].
 - 2. Shelf: Fabricated from 0.0747-inch- (1.9-mm-) thick, steel sheet; with corners rounded and edges finished smooth; braced with manufacturer's standard brackets.
 - A. Size: [24 inches wide by 12 inches deep (610 mm wide by 300 mm deep)].

M. Accessories:

1. Sheet Metal Base: 0.060-inch- (1.5-mm-), 16-gauge-thick steel sheet.
2. Vertical Panel Stiffeners: 2-1/2- by- 5/16-inch- (25-by- 7.9-mm-) thick hot-rolled flat for partitions up to 20 feet (6.096 m) high, and 3- by 5/16-inch- (76- by 7.9-mm-) thick hot-rolled steel for partitions above 20 feet (6.096 m) high.

N. Finish: Powder –coated finish.

1. Optional finishes:
 - A. Electro-galvanized.
 - B. Electro-galvanized and powder coat.
 - C. Hot-dipped galvanized.

2.4 WIRE MESH CEILINGS

- A. Mesh, Framing, and Stiffeners: Fabricated from same mesh and framing as wire mesh partition panels.
- B. Perimeter Partition Supports: [1-1/2-by-1-1/2-by-0.075-inch (38-by-38-by-1.9-mm)] [1-3/4-by-1-3/4-by-0.075-inch (44-by-44-by-1.9-mm)], 14-gauge steel angle, with holes for 1/4-inch- (6-mm-) diameter bolts aligned for bolting to top of wire mesh partitions and to sides of wire mesh ceiling panels.
- C. Wall Supports: 1-1/2-by-3-by-0.105-inch (38-by-38-by-2.66-mm), 12-gauge steel angle punched for attachment to wall and wire mesh ceiling panels.
- D. Intermediate Supports: Steel I-beams or rectangular tubes, as recommended by manufacturer.
- E. Intermediate Support Posts: [2-by-2-by-1/8-inch (50-by-50-by-3.2-mm)] steel tubes.
- F. Finishes: Match adjacent wire mesh partitions.

2.5 FABRICATION

- A. Mesh: Securely clinch mesh to framing.
- B. Sweep space of 4 inches (100mm)

2.6 STEEL FINISHES

- A. Galvanizing: Hot-dip galvanized items as indicates to comply with ASTM 153/A 153M for steel.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Examine areas, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.

3.2 INTALLATION

- A. Install wire mesh partition in accordance with manufacturer's shop drawings.

3.3 CLEANING

- A. Touchup Painting: Immediately after erection, clean bolted connections, and abraded areas. Paint uncoated and abraded areas with the same material as used for shop painting.

END OF SECTION

SECTION 11 66 23 - GYMNASIUM WALL PADDING

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections.

1.2 SUMMARY

- A. Section Includes:
 - 1. Wall mounted protection pads.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: For gymnasium wall mounted pads.
 - 1. Show elevations, dimensions, fabrication details, and method of attachment.
- C. Samples of protection pad cover fabrics

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Certificates: For each type of gymnasium divider.
- C. Sample Warranty: For special warranty.
- D. Manufacturer's installation and maintenance instructions

1.5 FIELD CONDITIONS

- A. Environmental Limitations: Do not install gymnasium wall pads until spaces are enclosed and weatherproof, wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
- B. Field Measurements: Verify size of space, available clearances, obstructions, and position for gymnasium wall pads.

1.6 COORDINATION

- A. Coordinate installation of gymnasium wall pads with wall mounted equipment and fixtures.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

- A. Source Limitations: Obtain gymnasium wall pads from single source from single manufacturer.
- B. Basis of Design: Model No. 4110 by Performance Sports Systems, Noblesville, IN
 1. Pad shape and size: Sizes and shapes as indicated on Drawing Elevations.
 2. Panels shall be constructed of 2" thick 3.5 lb. density polyurethane. Each panel shall be covered with 14 oz. polyester reinforced laminated vinyl and cemented to 7/16" OSB exterior grade wood panels with one-inch nailing margins at top and bottom (for securing panels to wall). Available in fifteen (15) standard colors (color to be determined by Architect). All cutouts in panels shall be made in field to fit job conditions.
- C. L GREENGUARD Gold Certification: Entire wall pad assembly shall have been submitted to indoor air quality evaluation (IAQ) evaluation in accordance with UL 2811 test method to show compliance with emissions limits on UL 2818 Section 7.1 and 7.2. Materials are tested in accordance with ANSI/BIFMA M7.1-2011 and determined to comply with ANSI/BFMA X7.1-2011 and ANSI/BIFMA e3-2014e credit 7.6.1, 7.6.2 and 7.6.3. Material of emissions of total volatile organic compounds of < 0.22 mg/m³, formaldehyde < 0.0135 ppm, total aldehydes < 0.043 ppm, individual volatile organic compounds < 1/1000 TLV and < ½ chronic REL and total phthalates < 0.01 mg/m³. Manufacturer must be able to provide independent lab and test reports to verify compliance.
- D. ASTM: Pads shall meet all requirements of ASTM 2440-04. Manufacturer must be able to provide independent lab and test reports to verify compliance
- E. Construction: Cushioning material adhered to backer and panel fully wrapped with fabric which is stapled to backer such that backer is not exposed on front or sides.

PART 3 - EXECUTION

3.1 PREPARATION

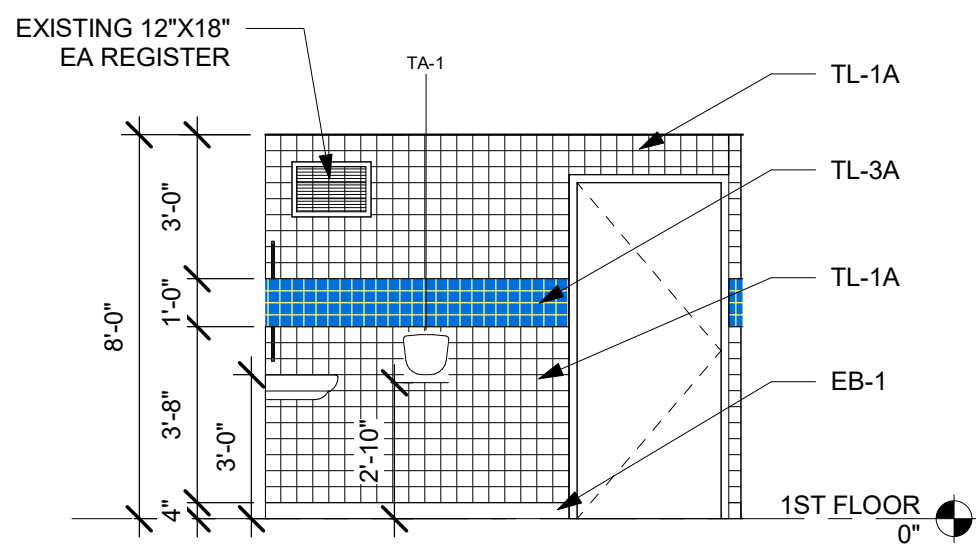
- A. Field verify dimensions prior to fabrication.
- B. Coordinate fabrication of wall protection pads with size and location of switches, electrical outlets, and other wall mounted items; structural framing and bracing projecting from wall surface; and door and other wall openings.
- C. For pads placed around structural columns coordinate required shapes and sizes with actual dimensions of structural members.
- D. Coordinate installation of scoreboard protector with size and placement of scoreboard.

3.2 INSTALLATION

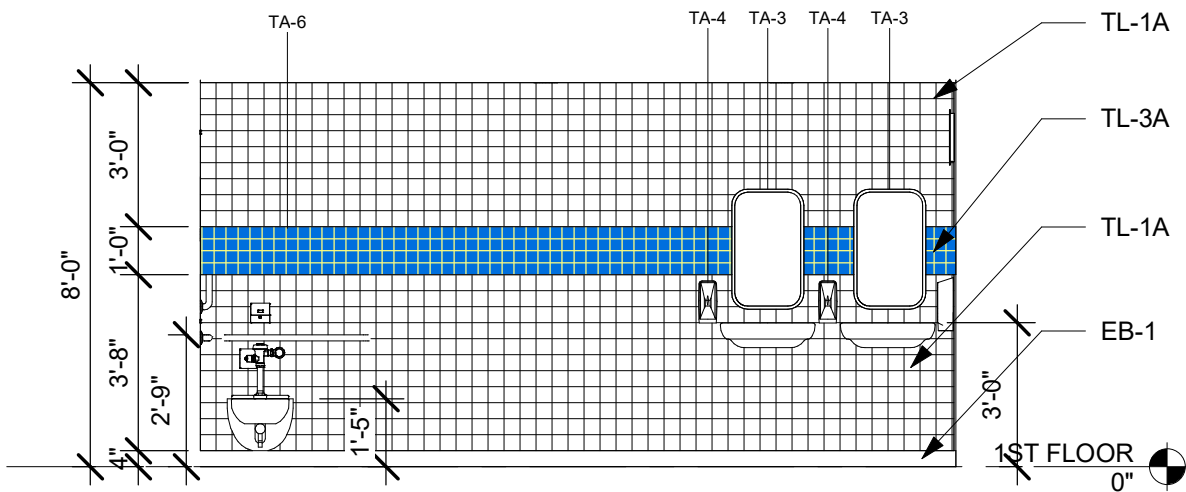
- A. Install in accordance with manufacturer's written instructions and shop drawings.

END OF SECTION 11 66 23

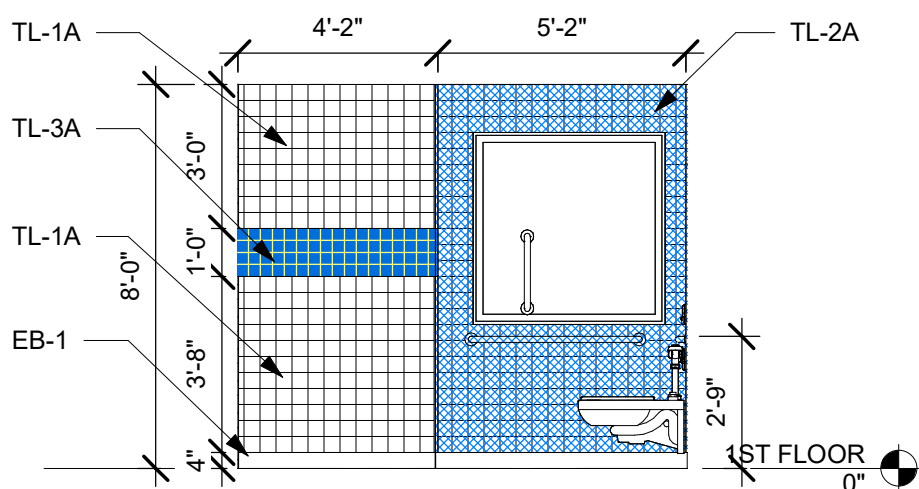
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2411001 HE-A403



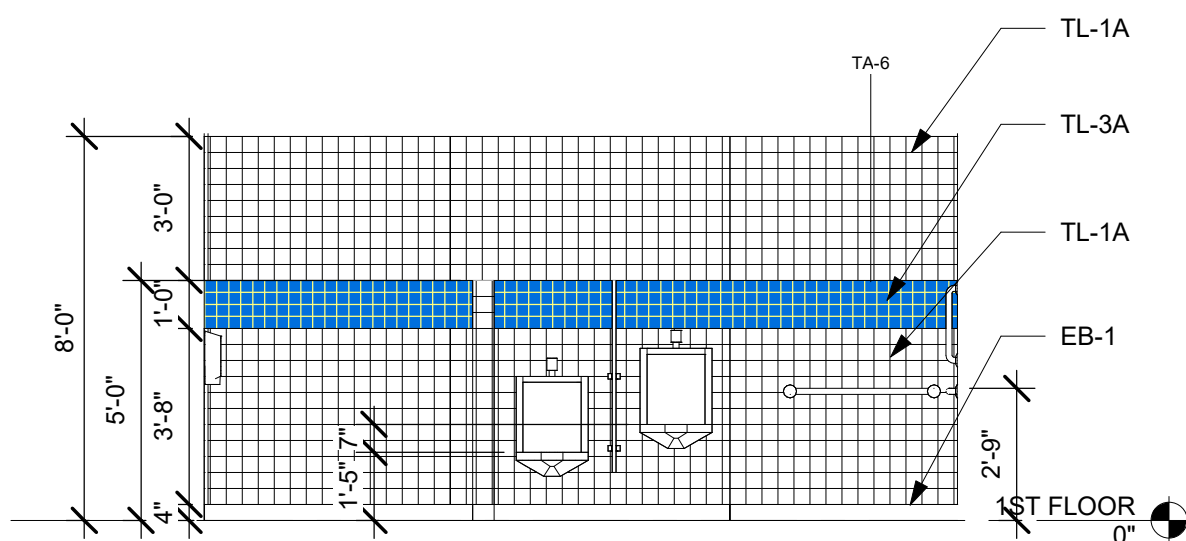
BOY'S ROOM - SOUTH
1/4" = 1'-0" M15



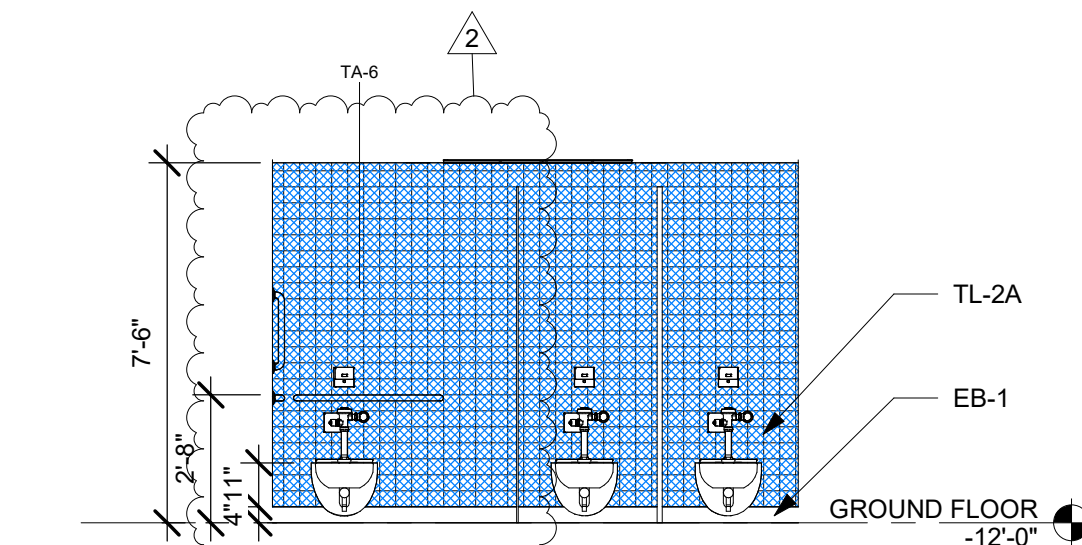
BOY'S ROOM - EAST
1/4" = 1'-0" M11



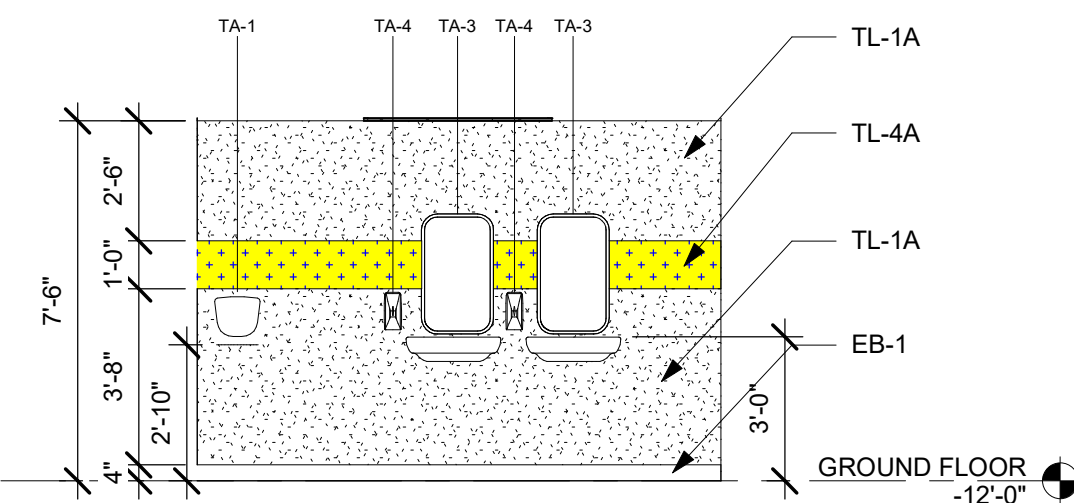
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1/4" = 1'-0" J15



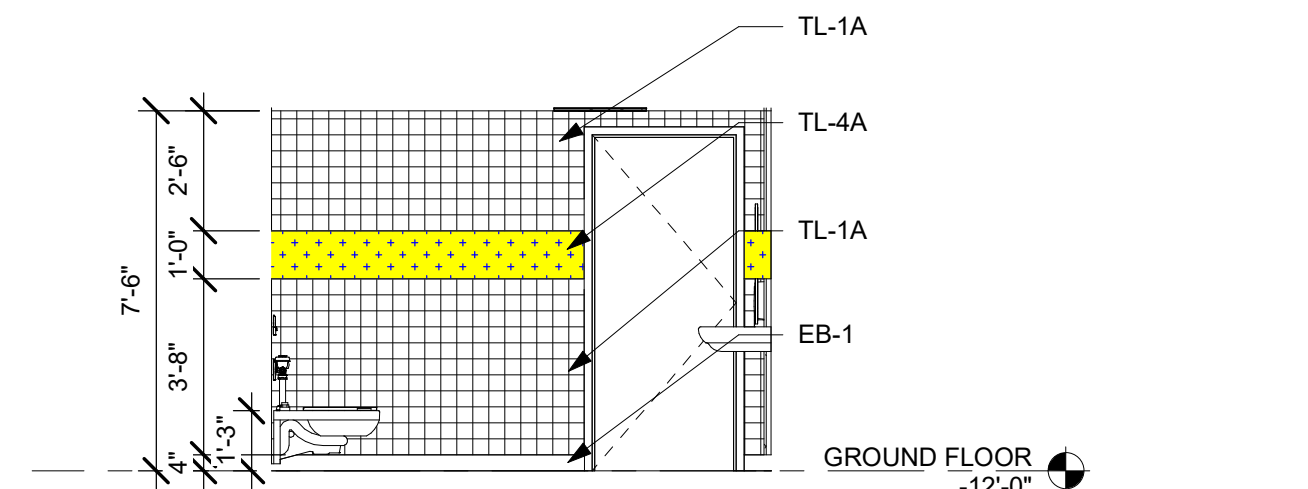
BOY'S ROOM - WEST
1/4" = 1'-0" J11



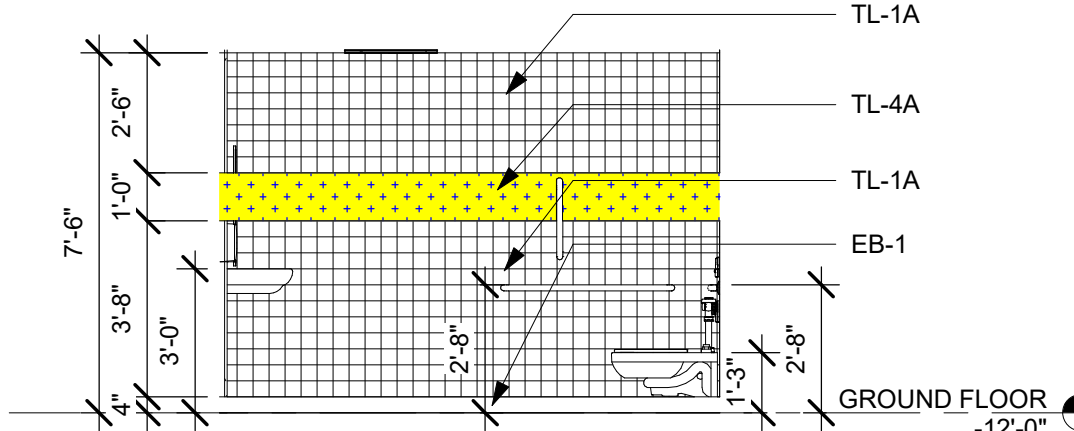
GIRL'S TOILET - SOUTH
1/4" = 1'-0" G15



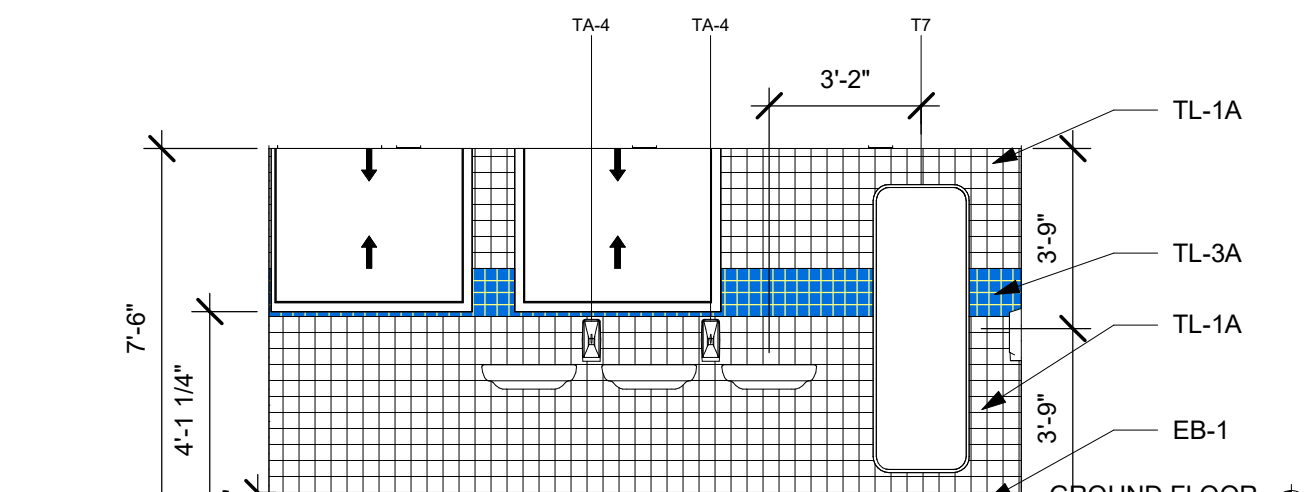
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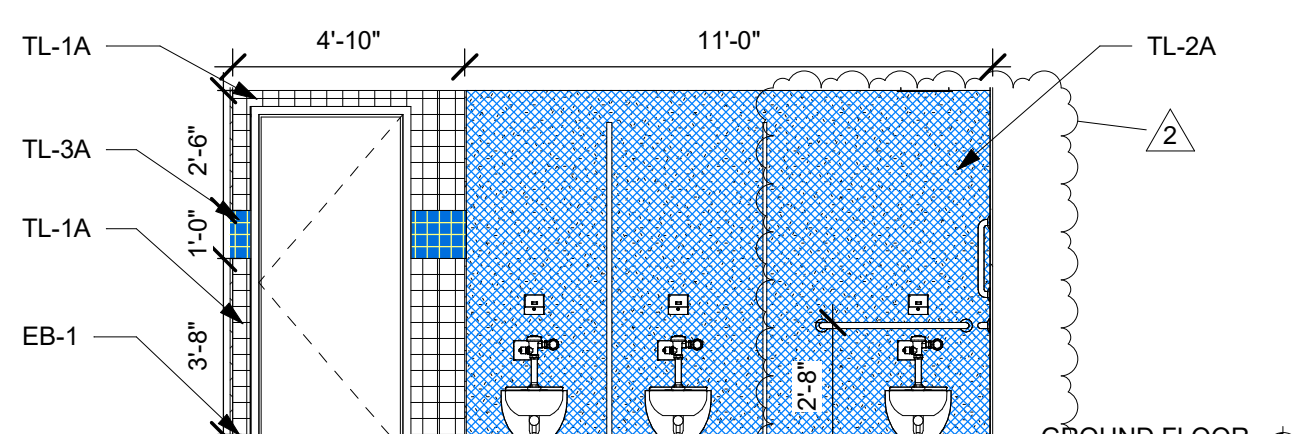
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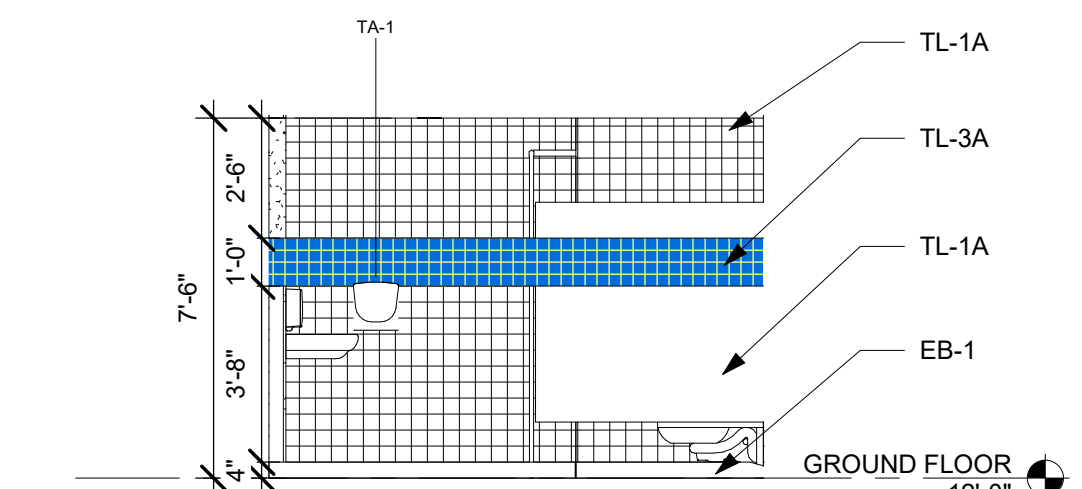
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1/4" = 1'-0" E11



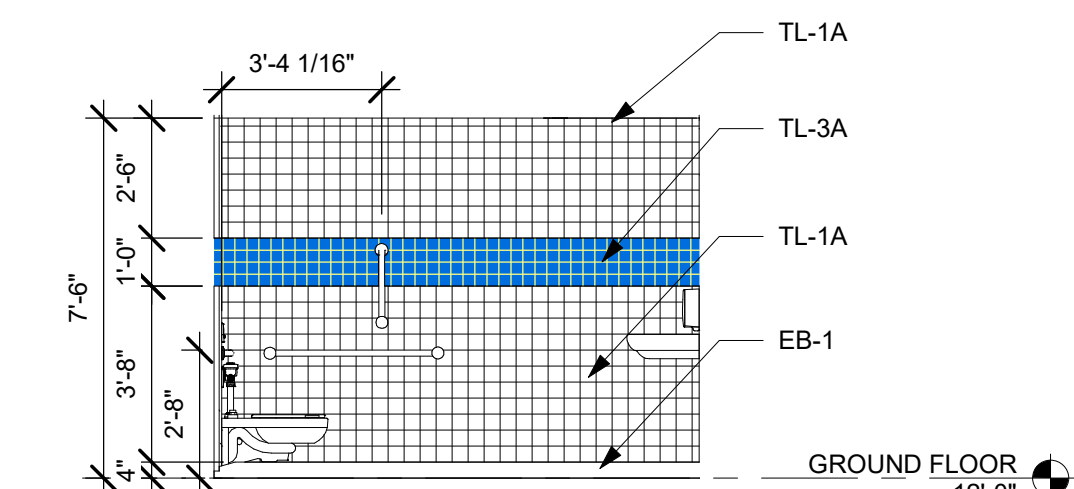
BOY'S TOILET - SOUTH
1/4" = 1'-0" C15



BOY'S TOILET - NORTH
1/4" = 1'-0" C11

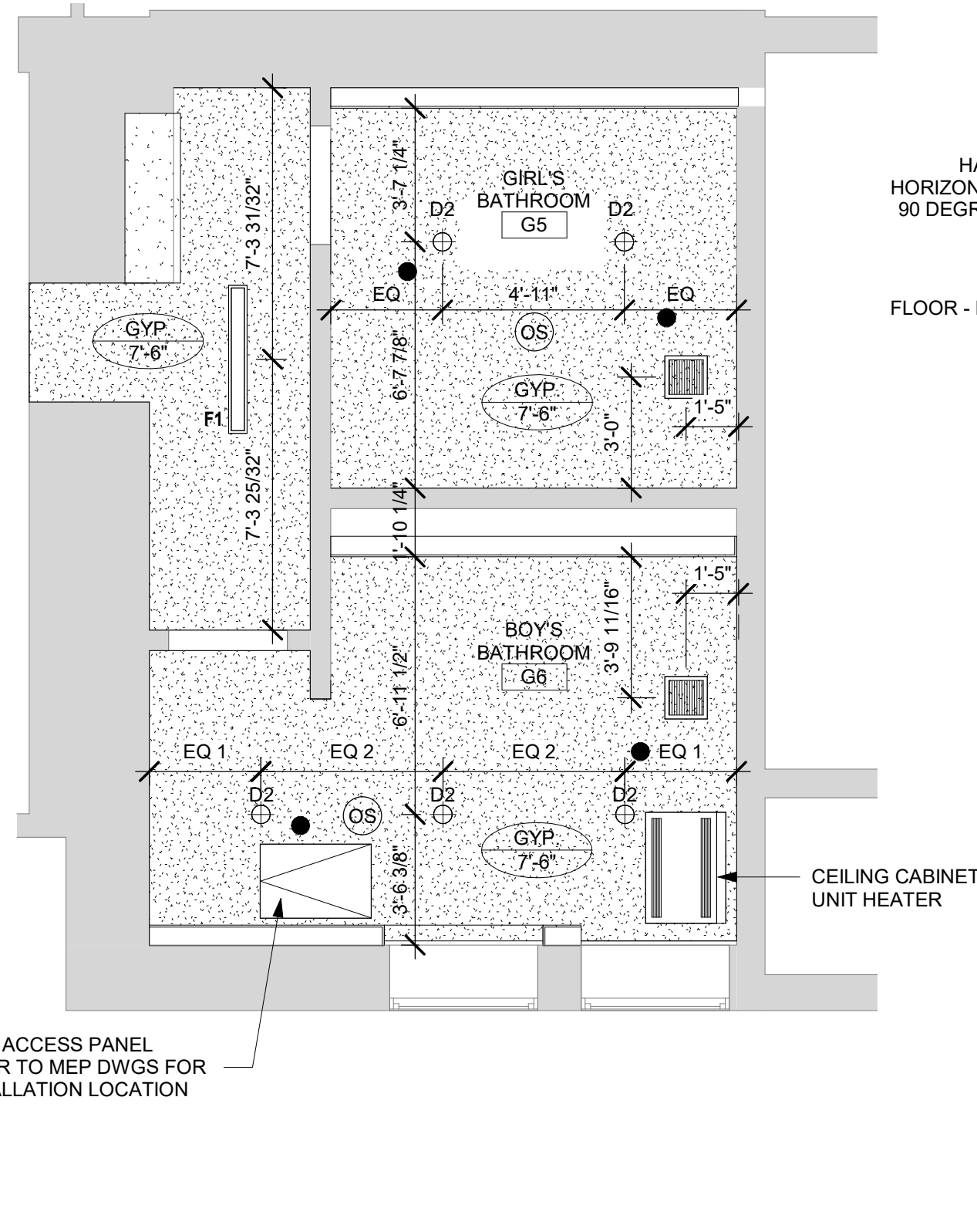


BOY'S TOILET - WEST
1/4" = 1'-0" A15



BOY'S TOILET - EAST
1/4" = 1'-0" A11

ENLARGED 1ST FLOOR RCP - BOY'S TOILETS
1/4" = 1'-0" G6



ENLARGED RCP - CAFETERIA TOILETS
1/4" = 1'-0" A6

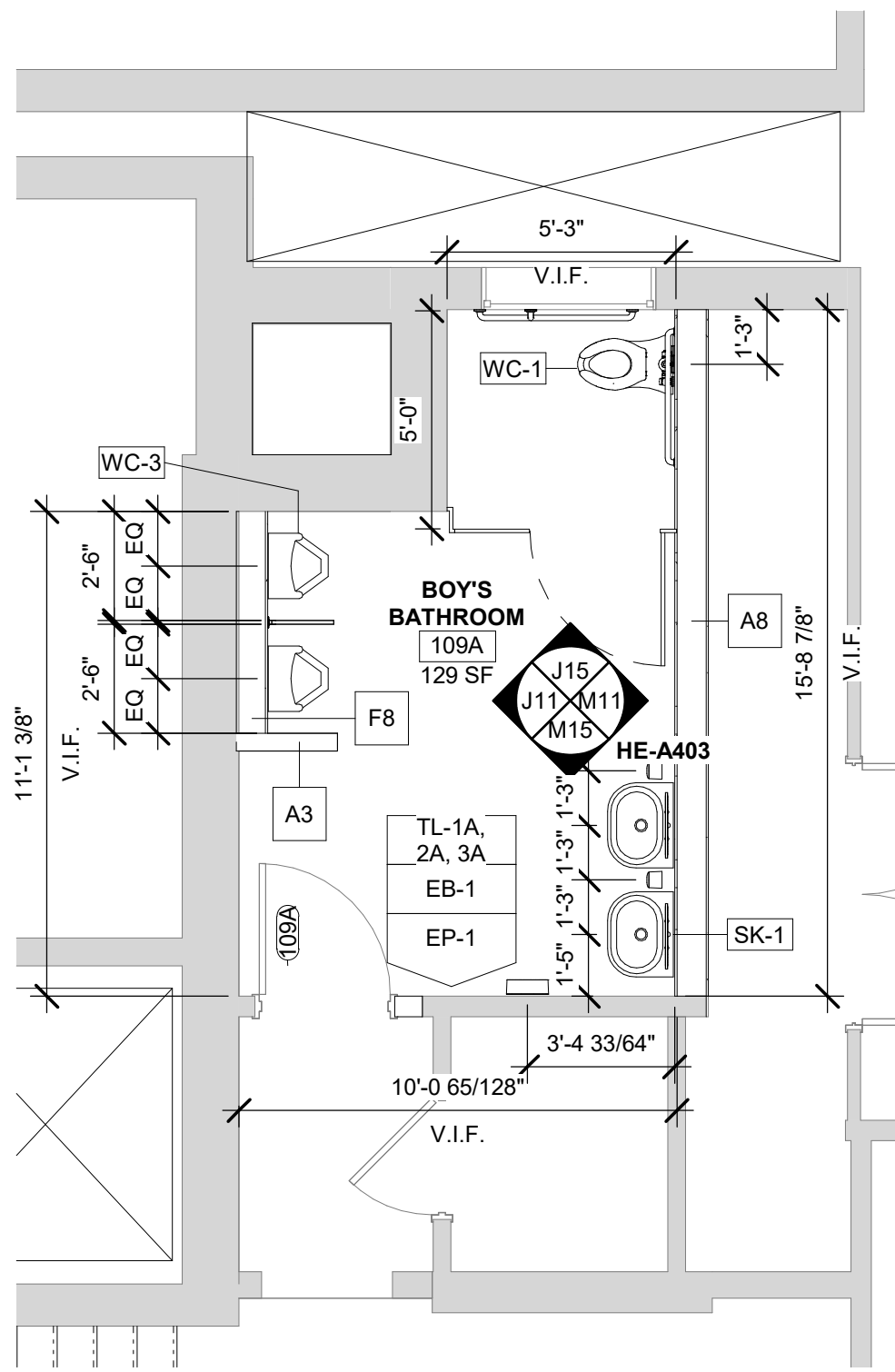
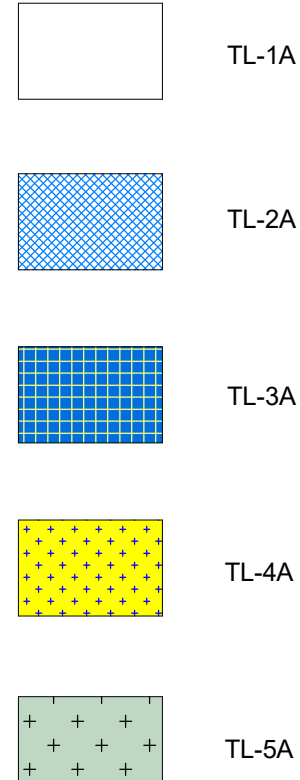
TOILET ACCESSORY SCHEDULE

TAG	PRODUCT	MANUFACTURER	PRODUCT NUMBER	FINISH	COMMENTS
TA-1	HAND DRYER	BRADLEY	2923-287400	STAINLESS STEEL	ALL TOILETS
TA-2	BATHROOM PARTITION	BRADLEY	SERIES - 400	PLASTIC PARTITIONS	ALL TOILETS
TA-3	ELVARI FRAMED MIRROR NO SHELF	BRADLEY	761-0018300	STAINLESS STEEL	ALL TOILETS
TA-4	BRADLEY STAINLESS STEEL VERTICAL LIQUID SOAP DISPENSER	BRADLEY	6A01-11	BRUSHED STAINLESS STEEL	ALL TOILETS
TA-5	URINAL SCREENS	BRADLEY	SERIES - 400	PLASTIC PARTITIONS	ALL TOILETS
TA-6	1/2" ADA GRAB BAR, CONCEALED MOUNTING (18", 24")	DELTA	40118-PS40124-SS	STAINLESS STEEL	ALL TOILETS
TA-7	ELVARI FRAMED MIRROR	BRADLEY	761-0024480	STAINLESS STEEL	CAFETERIA TOILETS

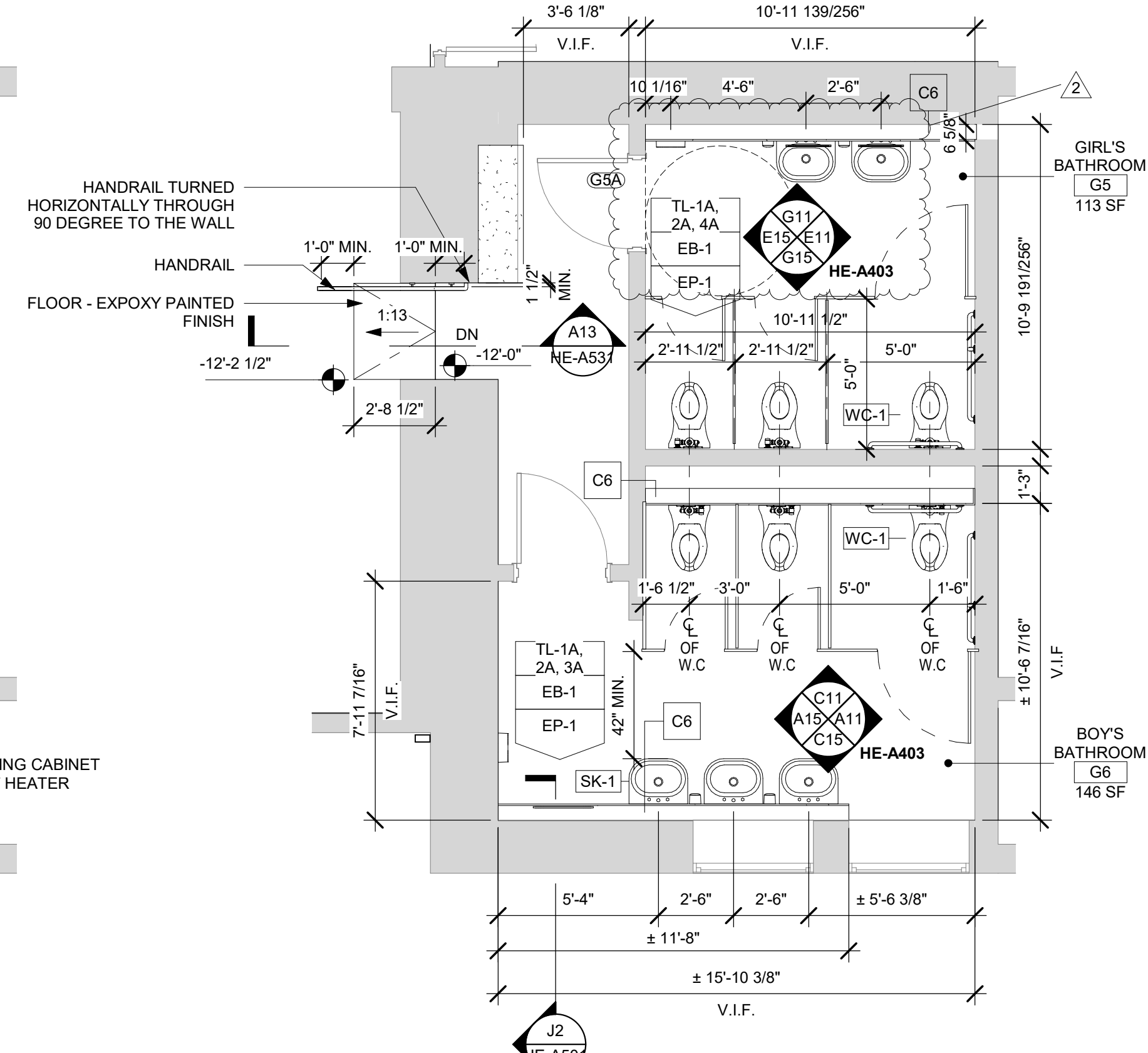
PLUMBING FIXTURE SCHEDULE

TAG	PRODUCT	MANUFACTURER	PRODUCT NUMBER	COMMENTS
SK-1	DROP-IN BATHROOM SINK / CENTER SET FAUCET	KOHLER / HUNTINGTON BRASS	K-2196-4 / W8380001-2	VANITY SINK AND FAUCET
SK-2	WALL HUNG LAVATORY / CENTER SET FAUCET	PROFLO / HUNTINGTON BRASS	PF5414 / W8380001-2	RESTROOM SINK AND FAUCET
WC-1	WALL HUNG TOILET	KOHLER	K-4350	WATER CLOSET
WC-2	DUAL FLUSH FLOOR MOUNTED TOILET	PROFLO	PF1401TWH	WATER CLOSET
WC-3	WALL HUNG URINAL	KOHLER	K-4972-ER	WATER CLOSET

TILE LEGEND



ENLARGED 1ST FLOOR PLAN - BOY'S TOILETS
1/4" = 1'-0" G1



ENLARGED FLOOR PLAN - CAFETERIA TOILETS
1/4" = 1'-0" A1

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NUFSD BOND PROJECT PHASE 5 - HIGHVIEW ES

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-7-001-002 (Maintenance)
SED#50-01-08-03-7-012-004 (OEC)
SED#50-01-08-03-0-001-020 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MG)

Highview Elementary School
24 Highview Ave
Nanuet, NY 10954

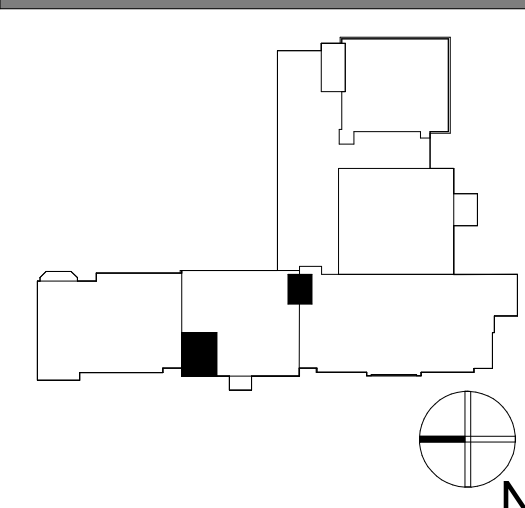
OEC Building
135 Convent Rd
Nanuet, NY 10954

Maintenance Building
103 Church St.
Nanuet, NY 10954

Miller Elementary School
50 Blauvelt Rd Unit 1
Nanuet, NY 10954

A MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954

KEY PLAN



REVISIONS

No.	Description	Date
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2	ADDENDUM #6	2/14/25

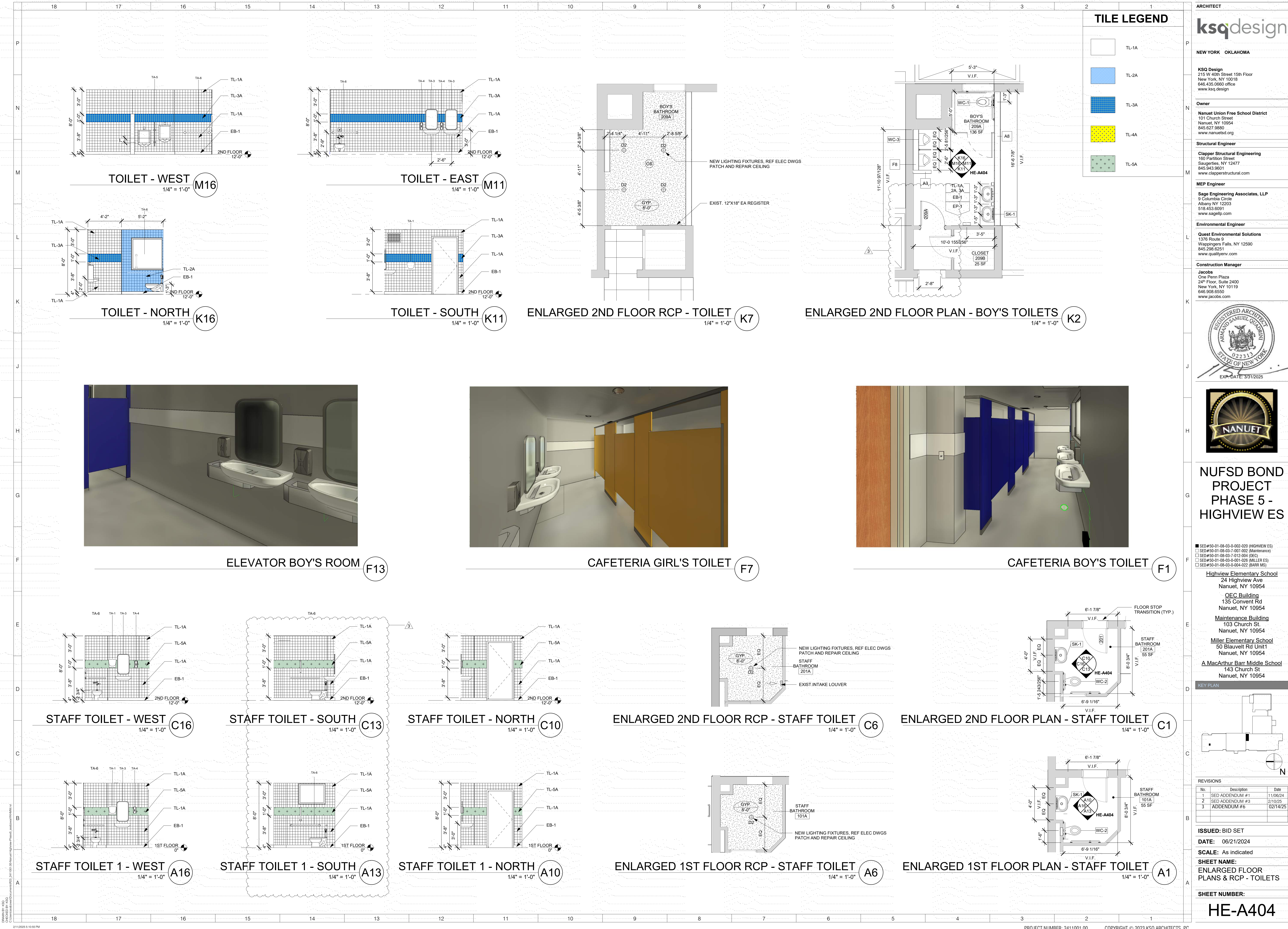
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DATE: 06/21/2024

SCALE: As indicated

SHEET NAME:
ENLARGED FLOOR PLAN,
RCP, ELEVATIONS -
TOILETS
SHEET NUMBER:

HE-A403



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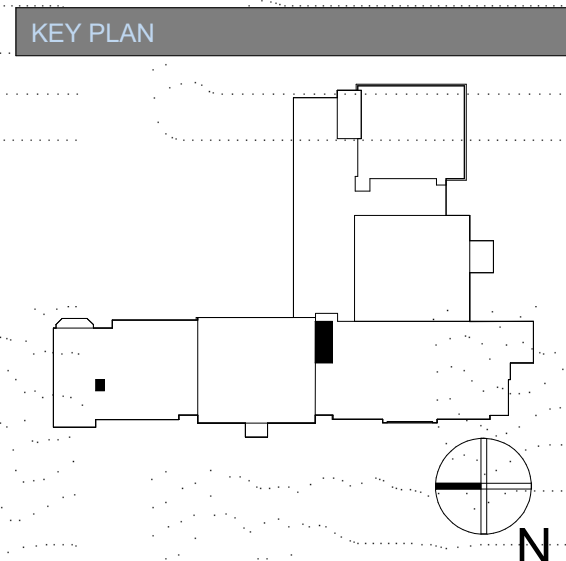
REGISTERED ARCHITECT
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022313
STATE OF NEW YORK
EXP. DATE: 3/31/2025



NUFSD BOND PROJECT PHASE 5 - HIGHVIEW ES

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-0-001-002 (Maintenance)
SED#50-01-08-03-0-012-004 (OEC)
SED#50-01-08-03-0-001-020 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MS)

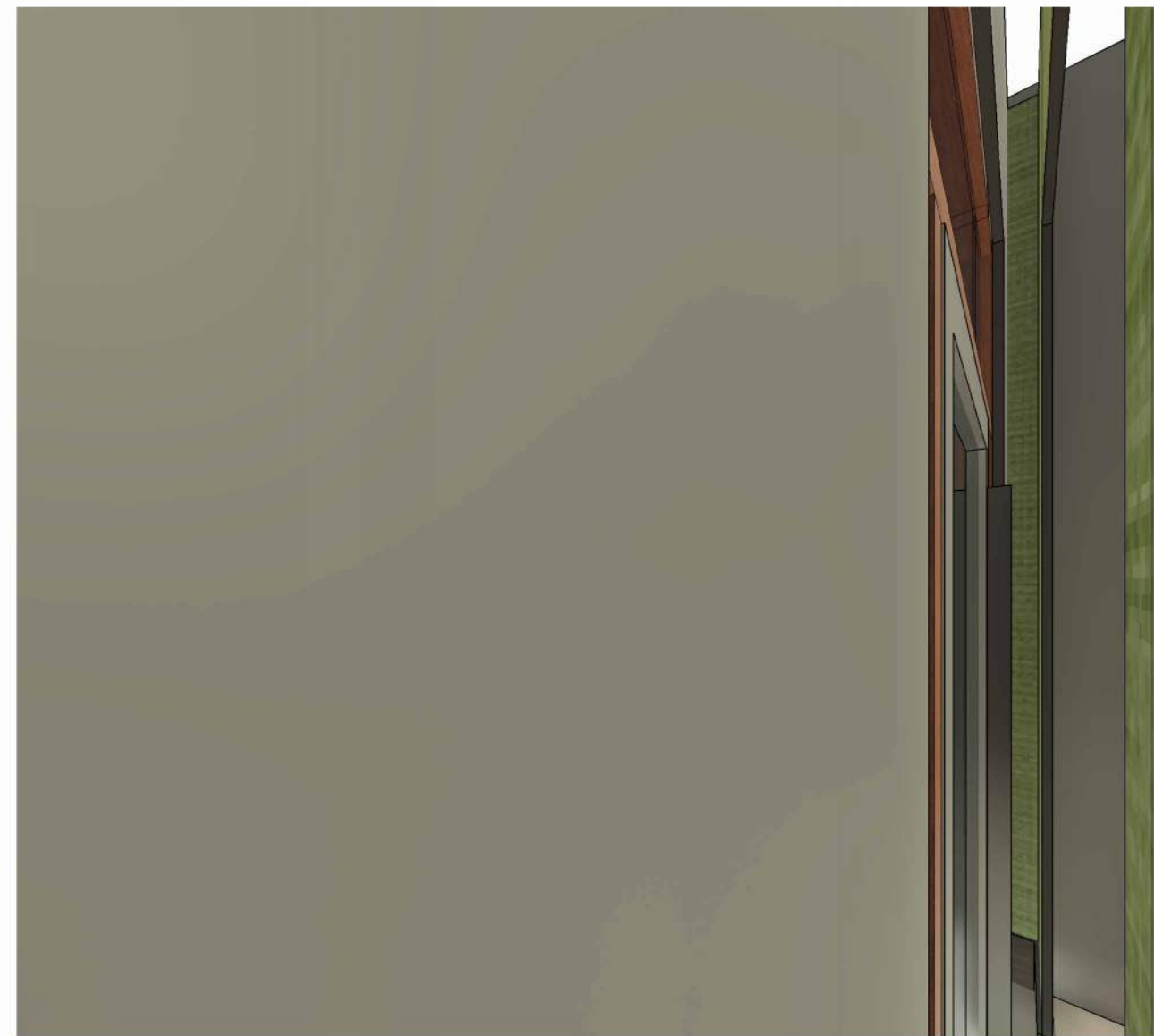
Highview Elementary School
24 Highview Ave
Nanuet, NY 10954
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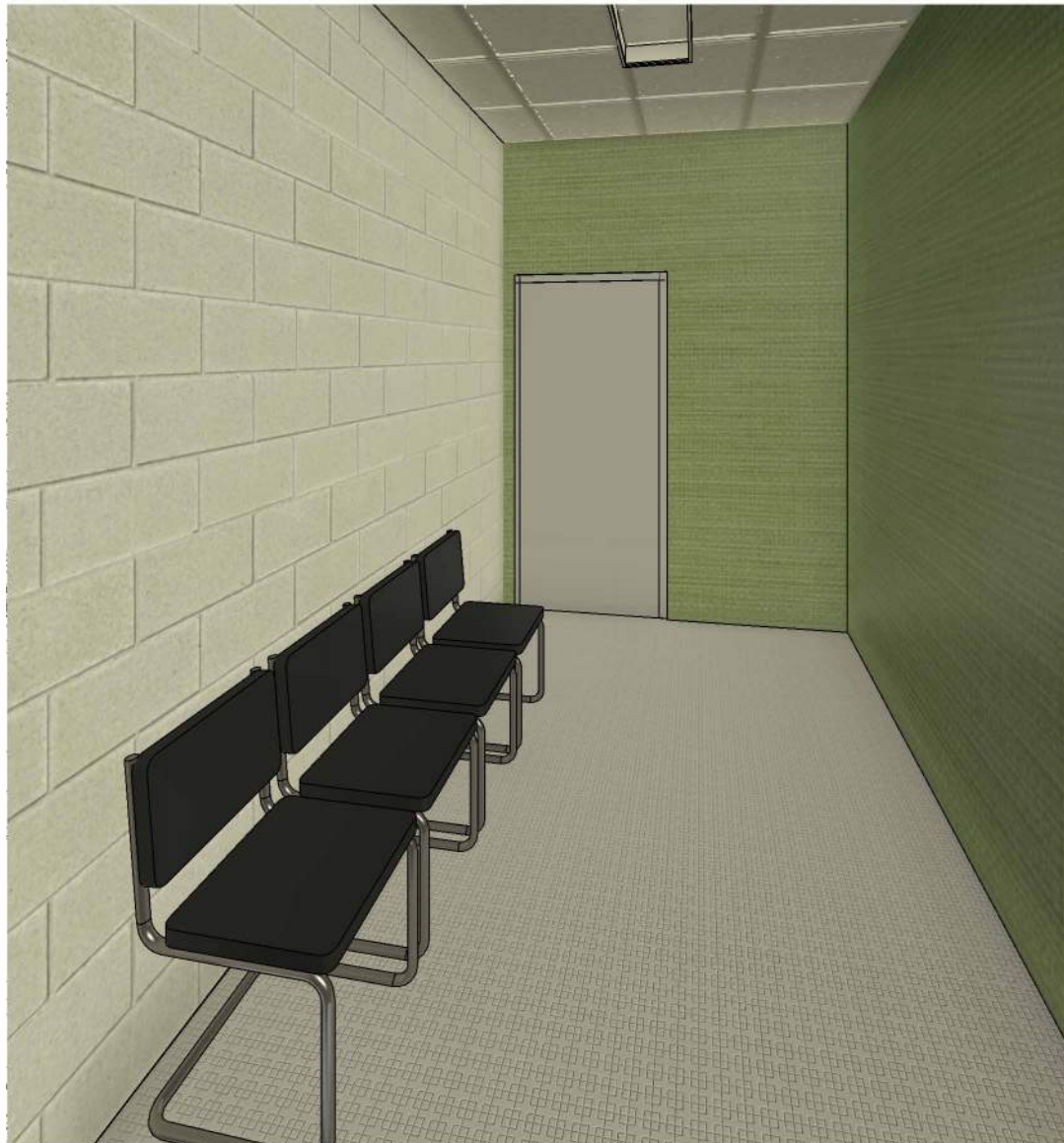
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2	SED ADDENDUM #3	2/10/25
3	ADDENDUM #6	02/14/25

ISSUED: BID SET
DATE: 06/21/2024
SCALE: As indicated
SHEET NAME: ENLARGED FLOOR PLANS & RCP - TOILETS
SHEET NUMBER:

HE-A404



VESTIBULE VIEW 1 L14



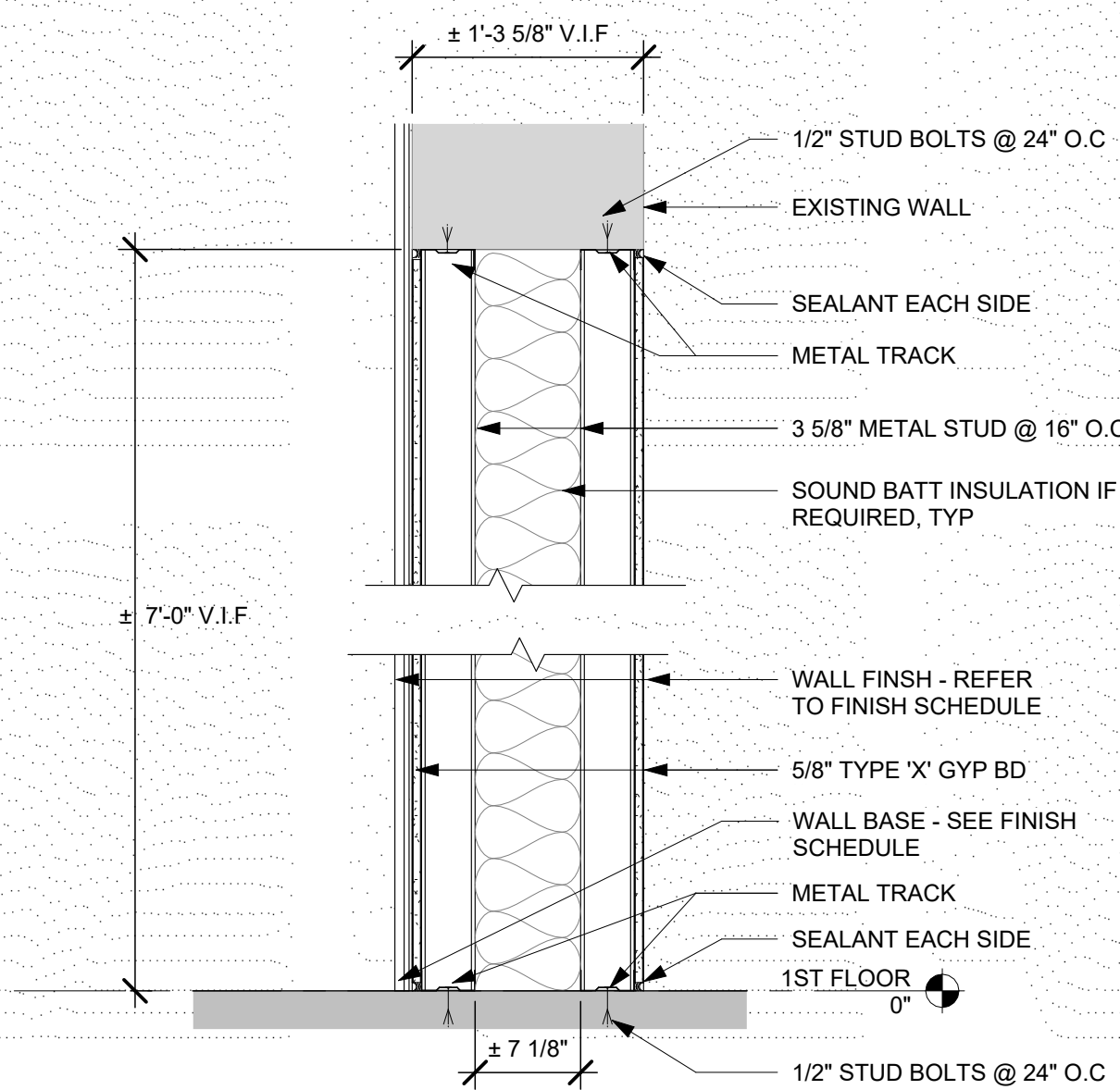
WAITING ROOM L10



VESTIBULE VIEW 2 L4

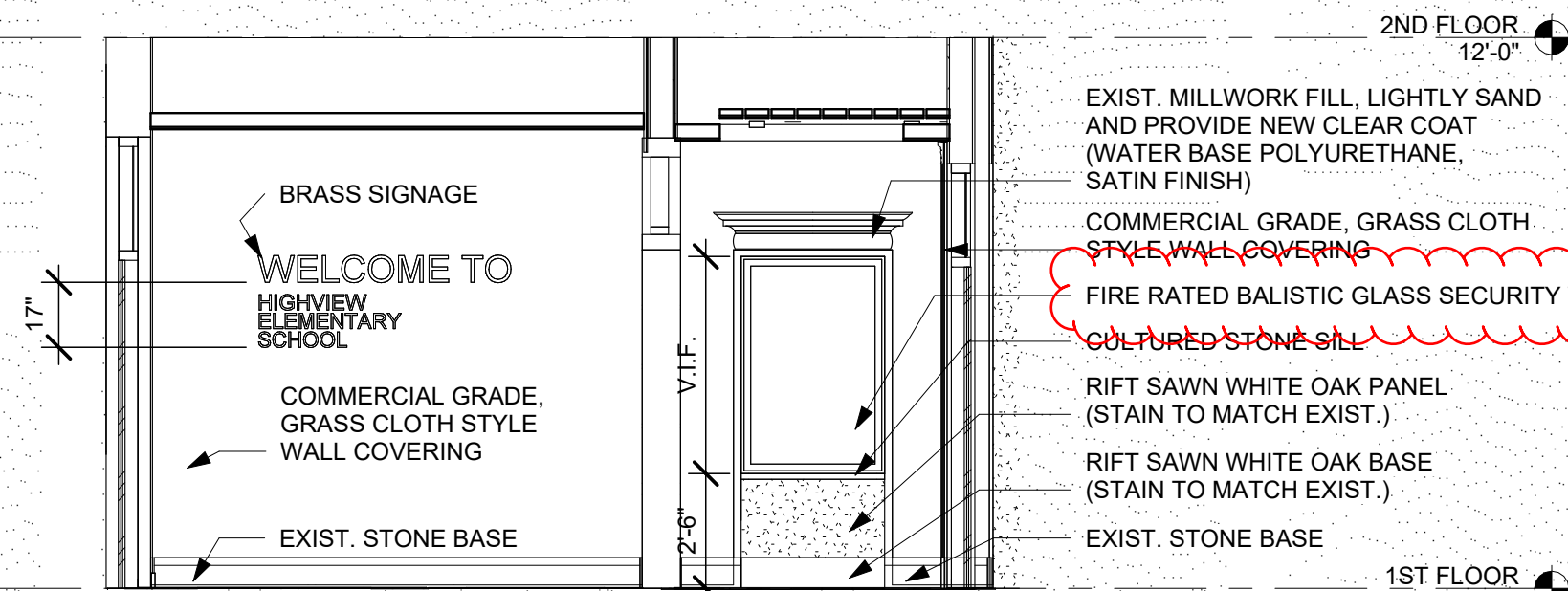


GREETERS BOOTH L1

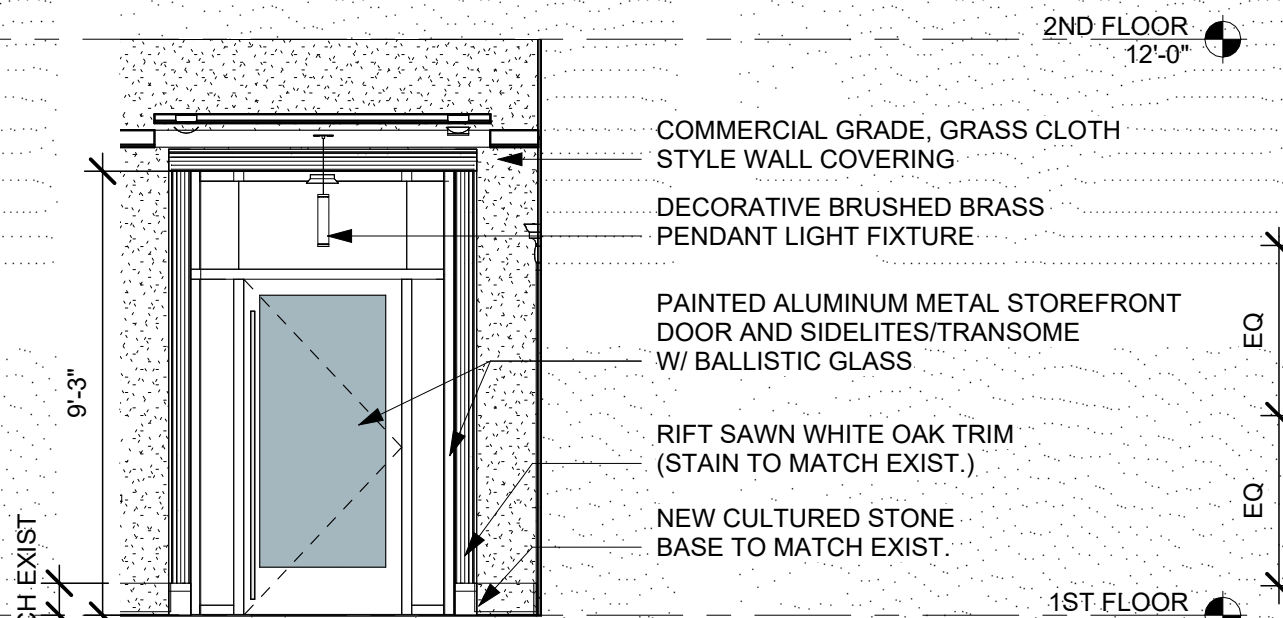


INFILL GYPSUM PARTITION 1
1" = 1'-0"

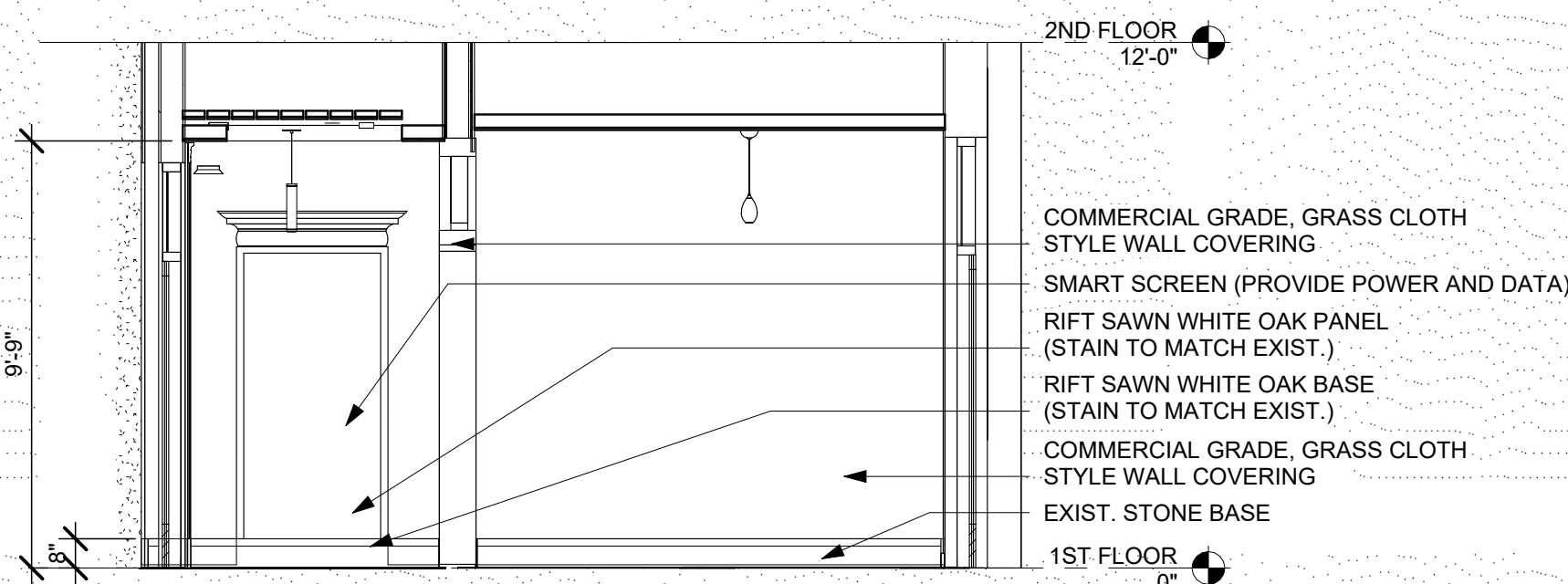
ADDENDUM #6
02/14/2025



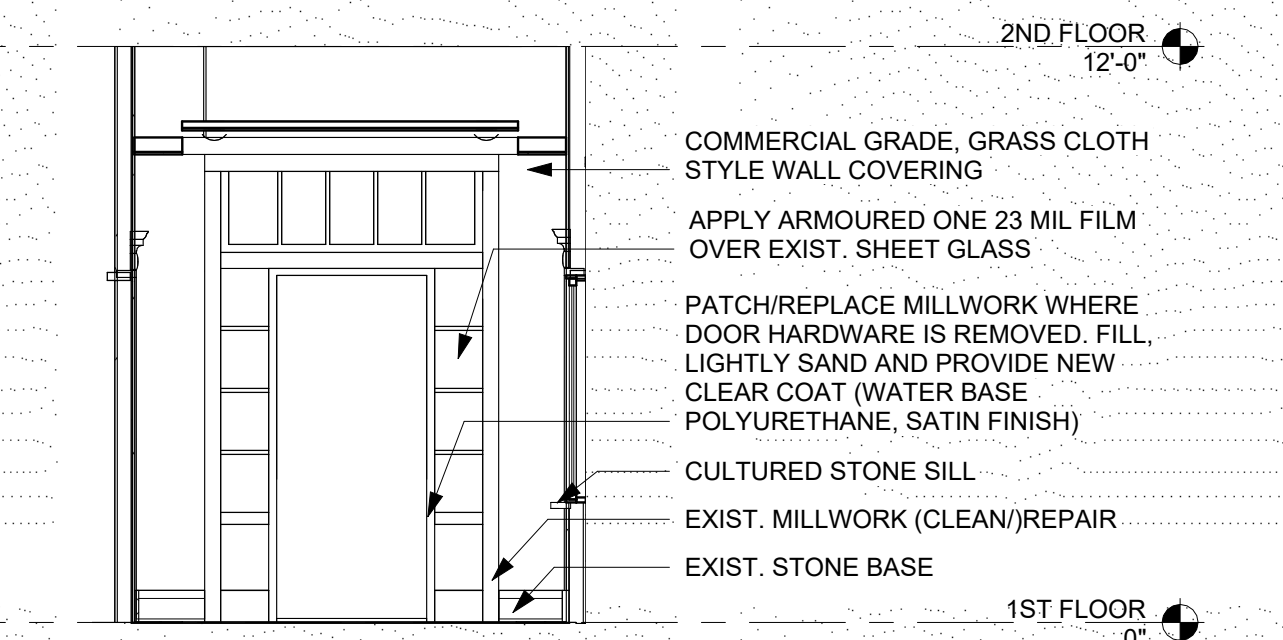
SECURITY VESTIBULE - NORTH D14
1/4" = 1'-0"



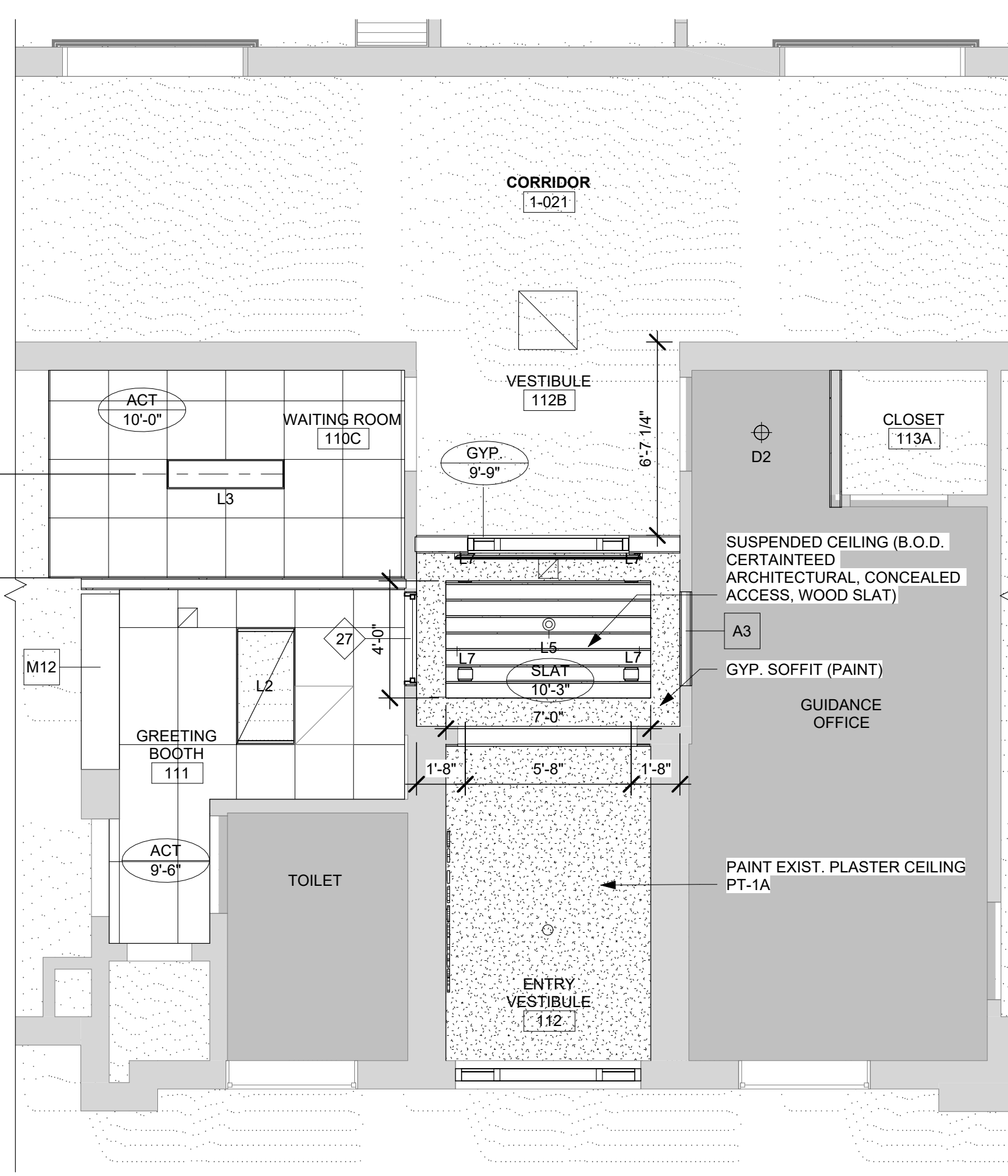
SECURITY VESTIBULE - EAST D10
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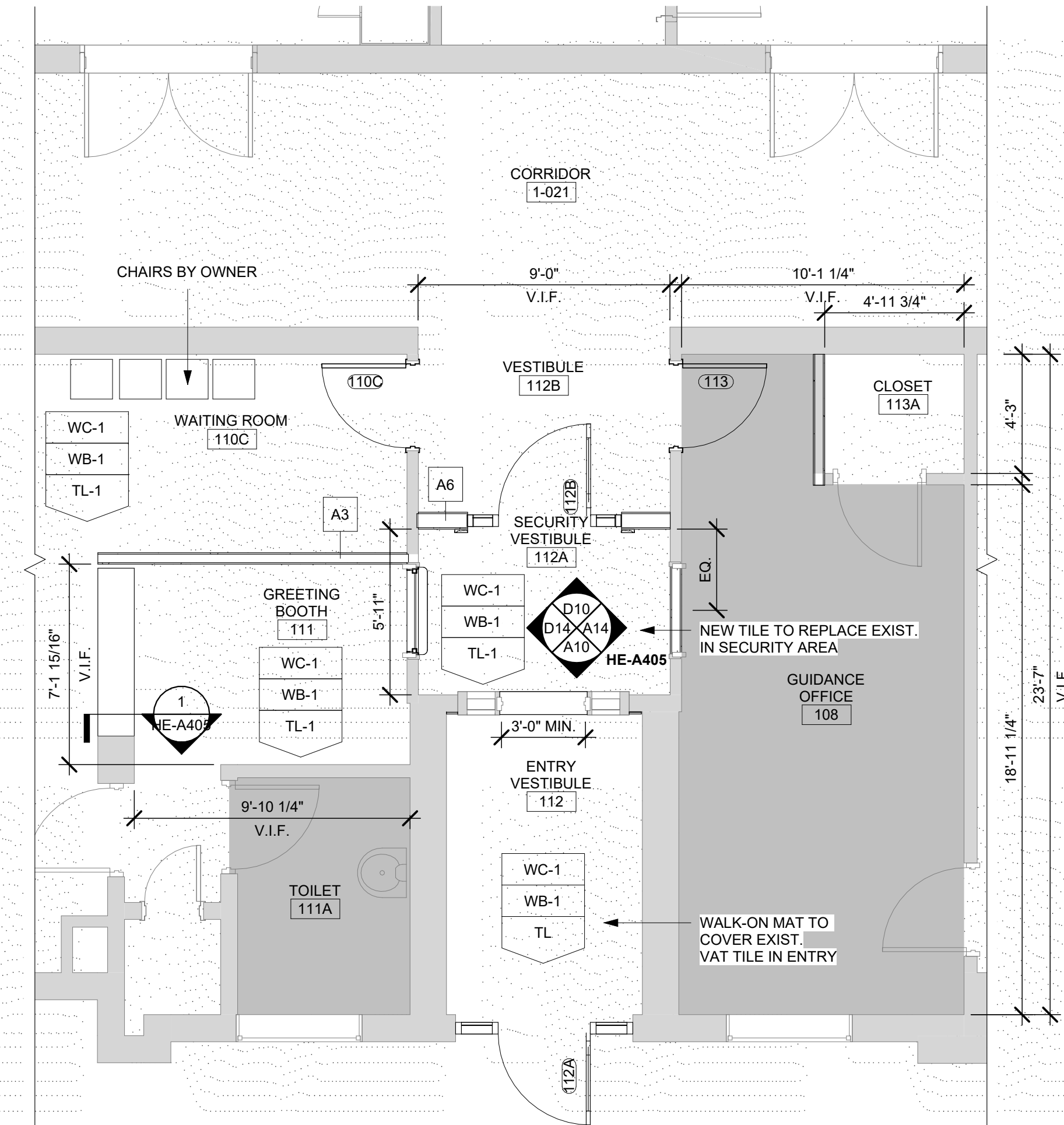
SECURITY VESTIBULE - SOUTH A14
1/4" = 1'-0"



SECURITY VESTIBULE - WEST A10
1/4" = 1'-0"



ENLARGED RCP - SECURITY VESTIBULE A6
1/4" = 1'-0"



ENLARGED FLOOR PLAN - SECURITY VESTIBULE A1
1/4" = 1'-0"

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NUFSD BOND PROJECT PHASE 5 - HIGHVIEW ES

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
SED#50-01-08-03-0-002-020 (Maintenance)
SED#50-01-08-03-0-002-004 (OEC)
SED#50-01-08-03-0-002-026 (MILLER ES)
SED#50-01-08-03-0-004-022 (BARR MS)

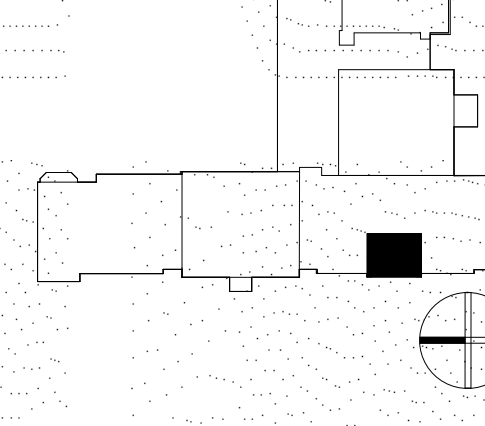
Highview Elementary School
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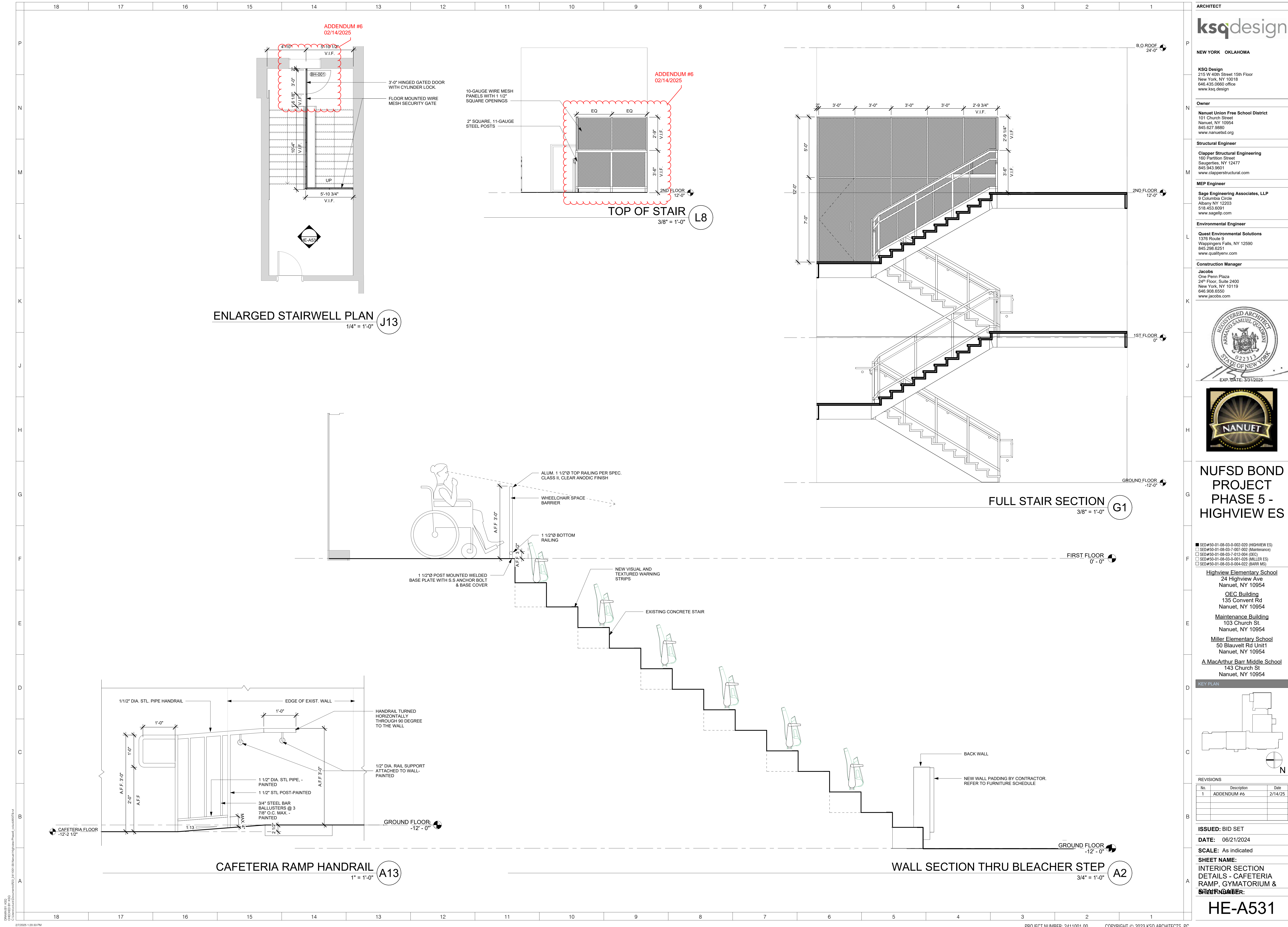
A MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954



REVISIONS		
No.	Description	Date
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2	ADDENDUM #6	02/14/25

ISSUED: BID SET
DATE: 06/21/2024
SCALE: As indicated
SHEET NAME:
ENLARGED FLOOR
PLANS & RCP -
SECURITY VESTIBULE
SHEET NUMBER:

HE-A405



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NUFSD BOND
PROJECT
PHASE 5 -
HIGHVIEW ES

SED#50-01-08-03-0-002-020 (HIGHVIEW ES)

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KEY PLAN

REVISIONS

No.	Description	Date
1	ADDENDUM #6	2/14/25

ISSUED: BID SET

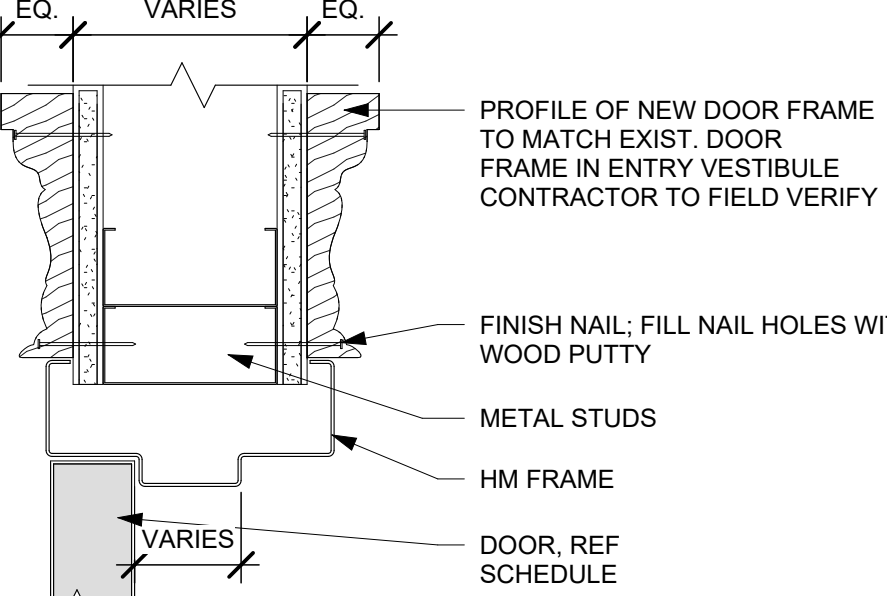
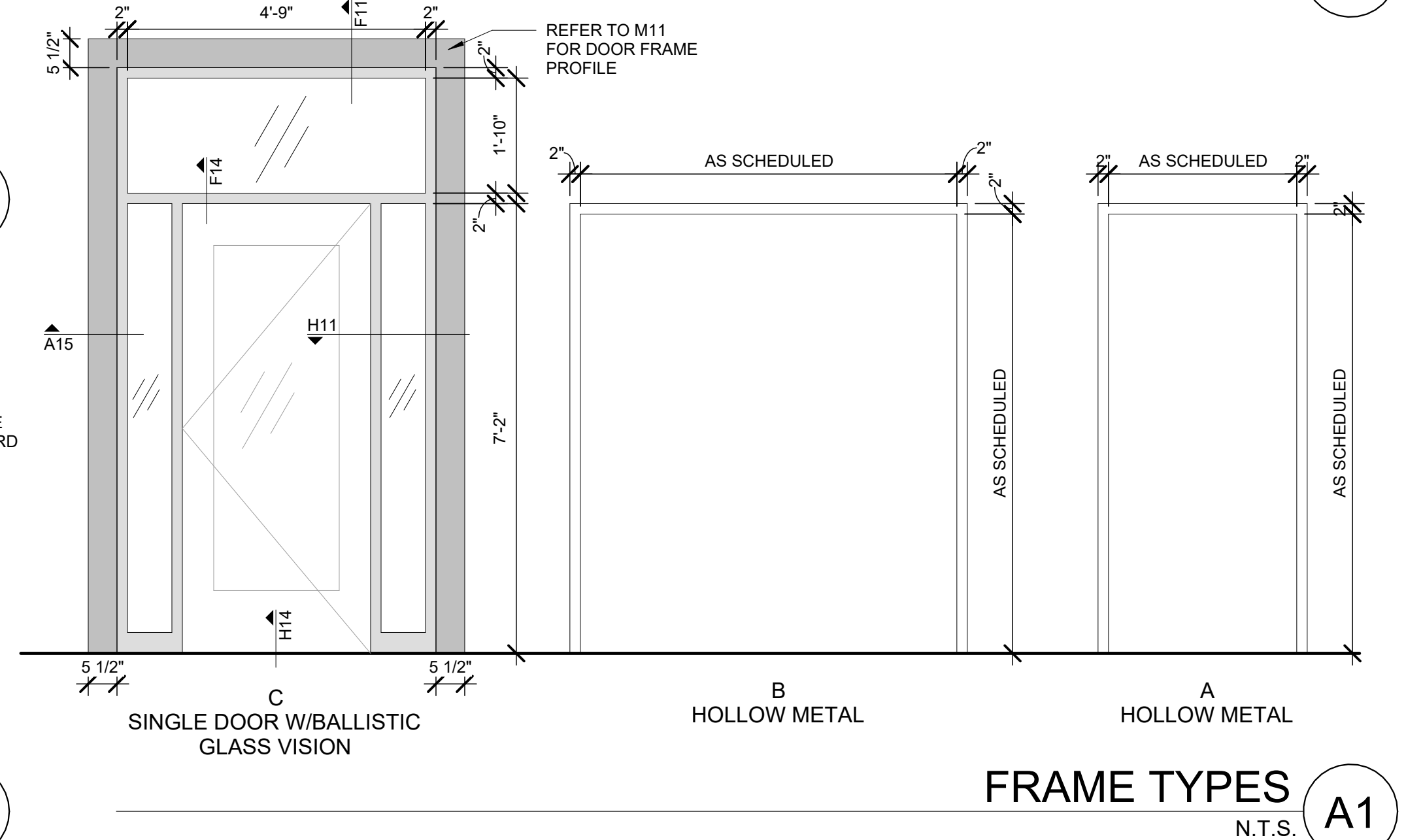
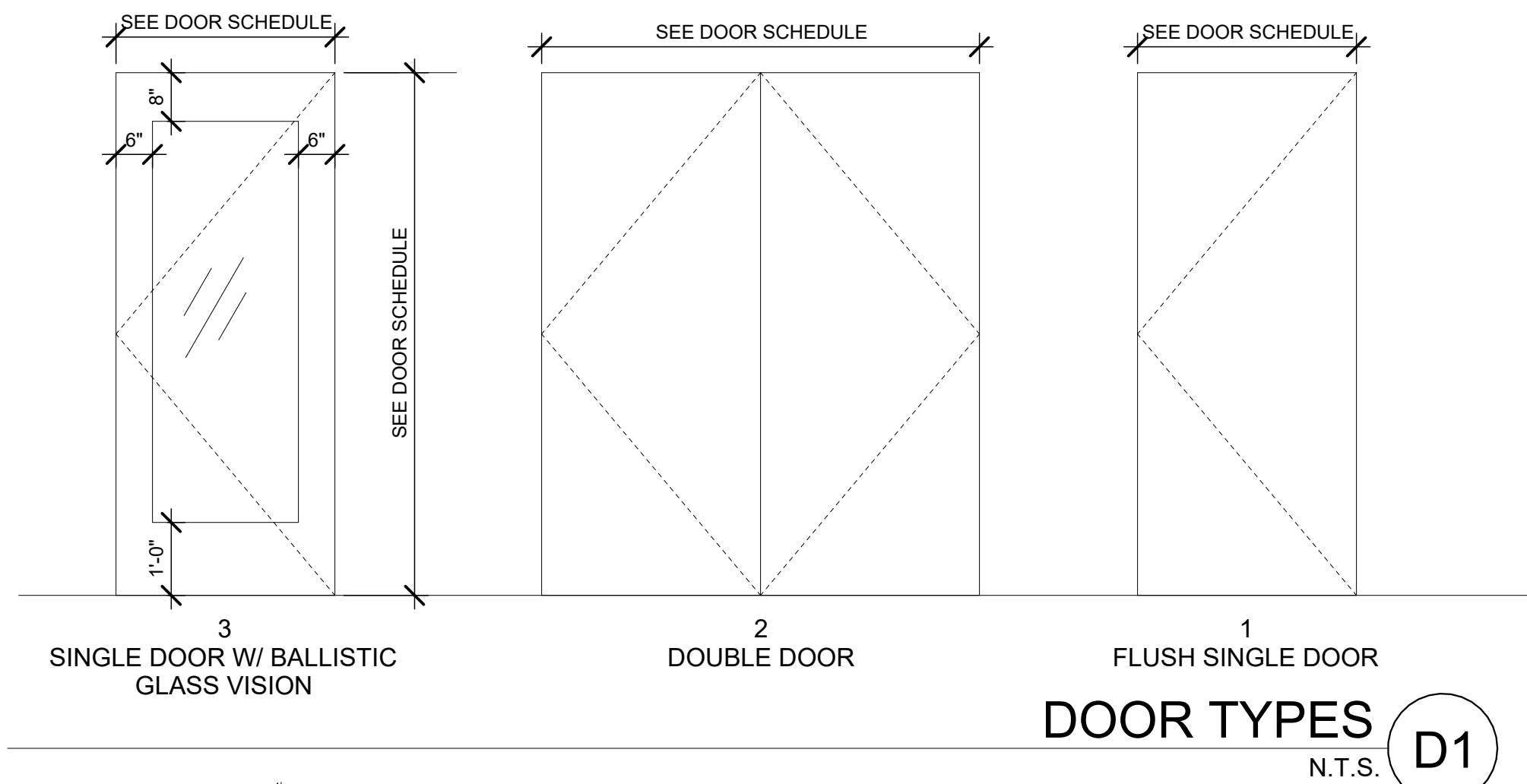
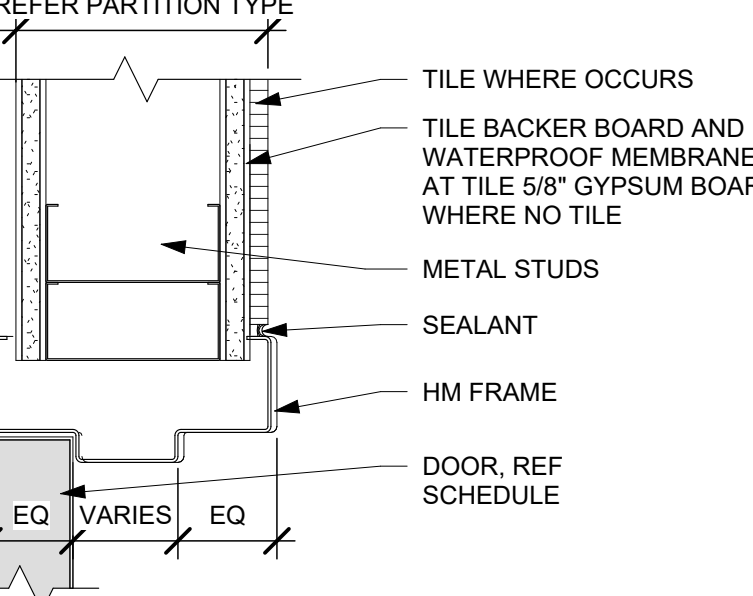
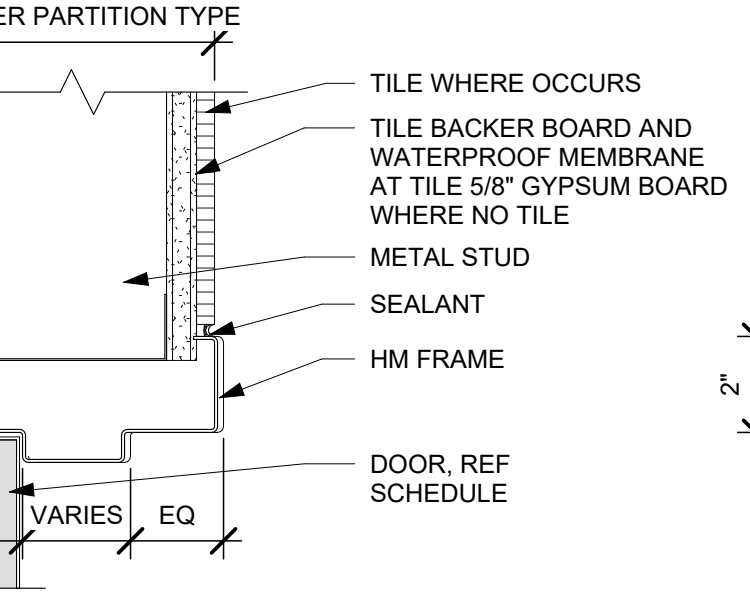
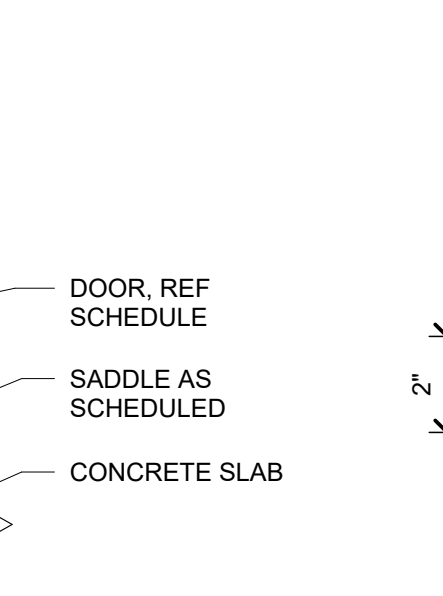
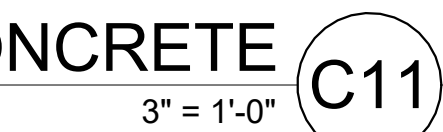
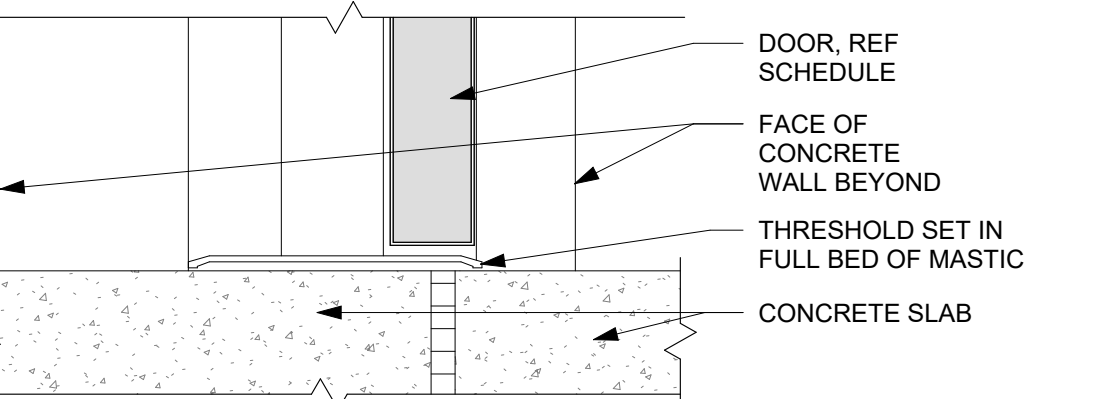
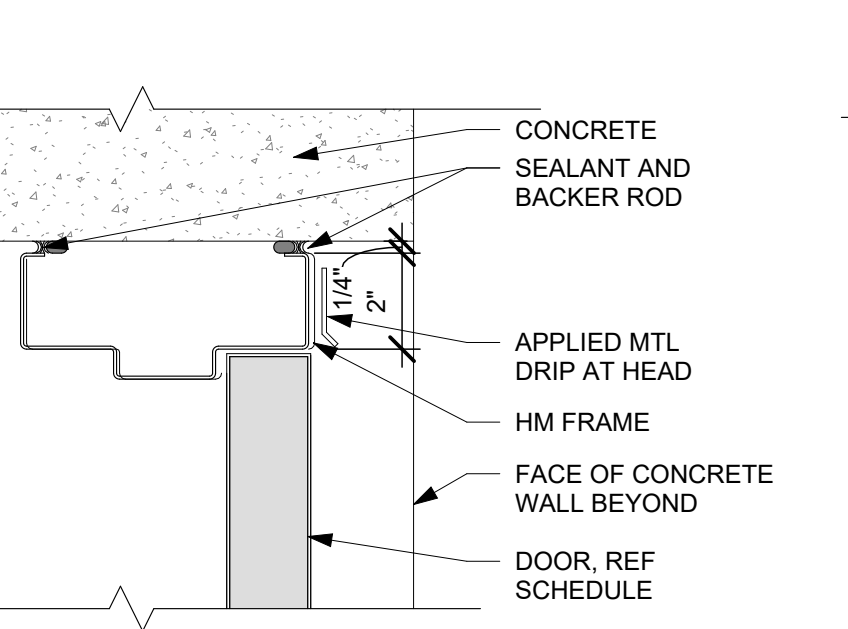
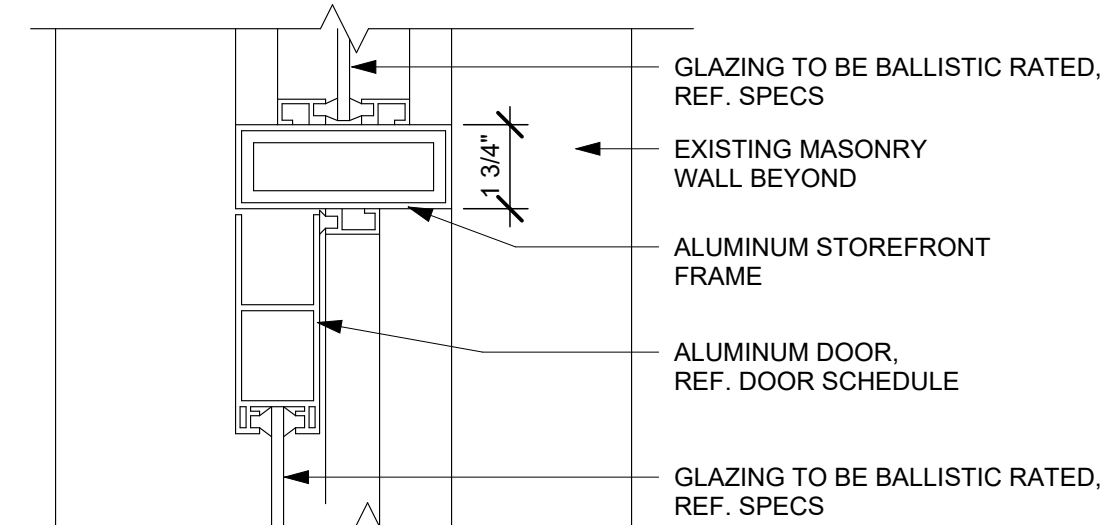
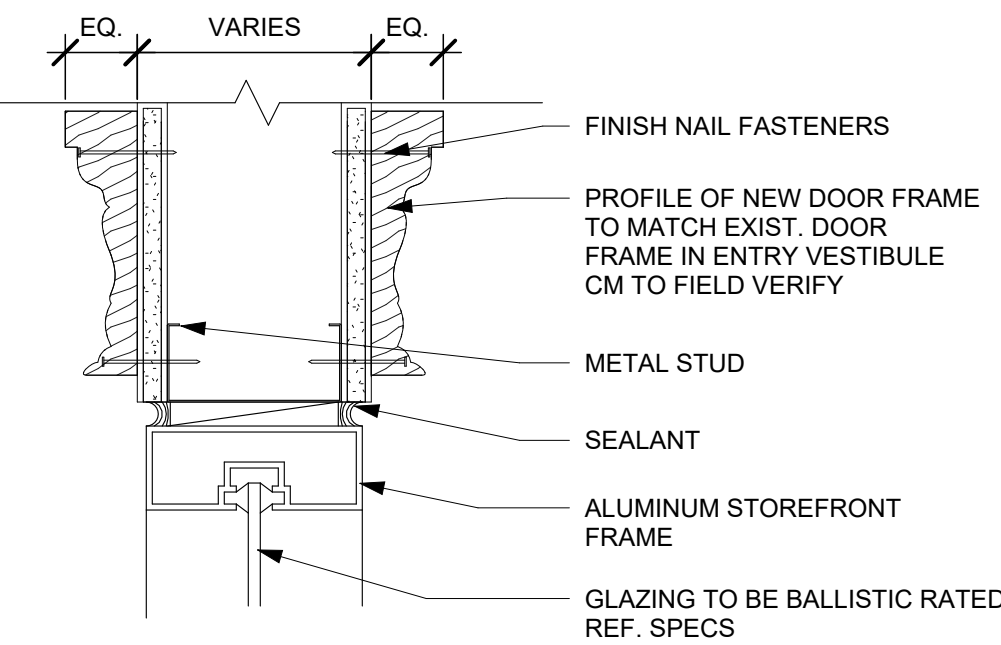
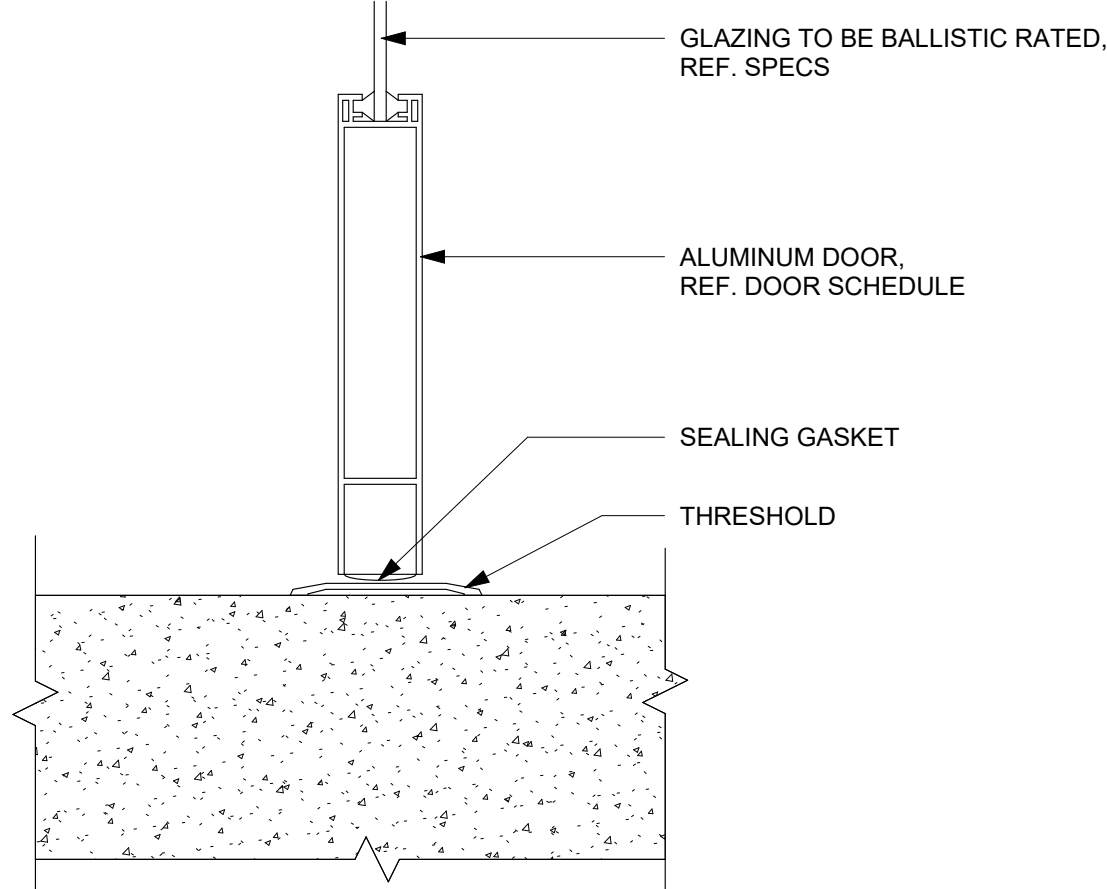
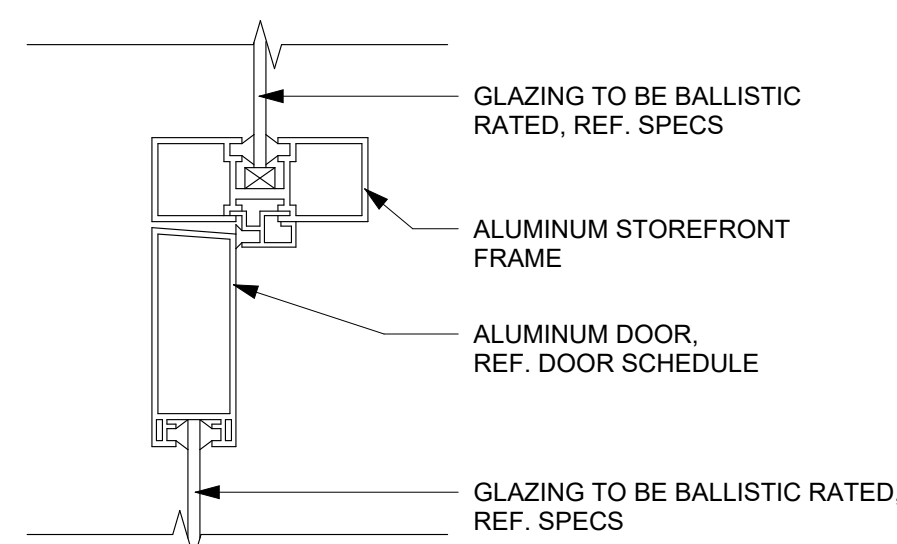
DATE: 06/21/2024

SCALE: As indicated

SHEET NAME:
INTERIOR SECTION
DETAILS - CAFETERIA
RAMP, GYMATORIUM &
STAIRWELL

SHEET NUMBER:
HE-A531

EXISTING - DOOR SCHEDULE (HARDWARE ONLY)																	
DOOR NUMBER	ROOM NAME	HARDWARE	TYPE	DOOR								FRAME				FIRE RATING	COMMENTS
				WIDTH	HEIGHT	THICKNESS	MATERIAL	GLASS TYPE	FINISH	TYPE	MATERIAL	FINISH	HEAD	DETAIL JAMB	SILL		
1-007A	VESTIBULE	EX-01.1		3'-0"	7'-0"	1 3/4"	HM		PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-007B	VESTIBULE	EX-03.1		6'-0"	6'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-009	VESTIBULE	EX-03.1		6'-0"	6'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-012A	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-012B	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-021A	CORRIDOR	EX-07		6'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-021B	SEATING	EX-00.1		6'-0"	6'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-021C	SEATING	EX-04		6'-0"	6'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-022	STAIR	EX-07		6'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-025A	STAIR	EX-05		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-025B	STAIR	EX-05		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-026A	STAIR	EX-05		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	B	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-026B	STAIR	EX-05		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	B	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-027A	STAIR	EX-01.2		3'-0"	7'-0"	1 3/4"	HM		PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-027B	STAIR	EX-01.2		3'-0"	7'-0"	1 3/4"	HM	-	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-030	STAIR VESTIBULE	EX-07		6'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-031	EXIT DOOR	EX-03.1		6'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-043A	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-043B	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-044A	STAIR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-044B	STAIR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-045A	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-045B	CORRIDOR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-046A	STAIR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-046B	STAIR	EX-07		3'-0"	7'-0"	1 3/4"	HM	ETR	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
1-040	EXTERIOR STAIR	EX-06		2'-8"	7'-0"	1 3/4"	HM	ETR	PAIN	B	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
100B	STOR	04		3'-0"	7'-0"	WD	3/4"		STAIN		BM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G3A	HALLWAY	EX-01		3'-0"	7'-0"	1 3/4"	HM	-	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G3B	HALLWAY	EX-01		3'-0"	7'-0"	1 3/4"	HM	-	PAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G3C	HALLWAY	EX-00		3'-0"	7'-0"	1 3/4"	WD	ETR	STAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G5A	CAFETERIA	04		3'-0"	7'-0"	WD	3/4"		STAIN		BM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G6A	CAFETERIA	04		3'-0"	7'-0"	1 3/4"	WD	-	STAIN	A	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN
G9A	VESTIBULE	05		2'-0"	6'-0"	1 3/4"	WD	-	STAIN	B	HM	PAIN				EXIST	HARDWARE - EXISTING TO REMAIN



ARCHITECT

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OWNER

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www.nanuetds.org

Structural Engineer

Clapper Structural Engineering
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Saugerties, NY 12477
845.943.9601
www.clappersstructural.com

MEP Engineer

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9 Columbia Circle
Albany NY 12203
518.433.6961
www.sageip.com

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Jacobs
One Penn Plaza
24th Floor, Suite 2400
New York, NY 10119
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www.jacobs.com



NUFSD BOND
PROJECT
PHASE 5 -
HIGHVIEW ES

- ☒ SED#50-01-08-03-0-002-020 (HIGHVIEW ES)
- ☐ SED#50-01-08-03-7-007-002 (Maintenance)
- ☐ SED#50-01-08-03-7-012-004 (OEC)
- ☐ SED#50-01-08-03-0-001-026 (MILLER ES)
- ☐ SED#50-01-08-03-0-004-022 (BARR MS)

Highview Elementary School
24 Highview Ave
Nanuet, NY 10954

OEC Building
135 Convent Rd
Nanuet, NY 10954

Maintenance Building
103 Church St.
Nanuet, NY 10954

Miller Elementary School
50 Blauvelt Rd Unit 1
Nanuet, NY 10954

A MacArthur Barr Middle School
143 Church St
Nanuet, NY 10954

KEY PLAN

REVISIONS		
No.	Description	Date
2	ADDENDUM #2	1/30/25
3	ADDENDUM #3	02/14/25
1	ADDENDUM #6	02/14/25

ISSUED: BID SET

DATE: 06/21/2024

SCALE: As indicated

SHEET NAME:
DOOR SCHEDULES AND
DETIALS

SHEET NUMBER:
HE-A601