

ADDENDUM NO. 2

August 12, 2022

Additions and Renovations Hawthorne Elementary School

8301 E. Rawles Avenue

Indianapolis, IN 46219

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated July 1, 2022, by CSO Architects. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-3, Specification and Addendum No. 2 from CSO Architects dated August 12, 2022, consisting of three (3) pages, Specification Section 33 06 00 – Aqua-Swirl Stormwater Treatment System, and Addendum Drawing Sheets: AD201A, AD201BC, AD201D, A603, A702, A800, A801A, A801BC and A801D.

A. SPECIFICATION SECTION 00 00 20 TABLE OF CONTENTS

1. Add The following Specification Section to this Section:

33 06 00 – Aqua-Swirl STORMWATER TREATMENT SYSTEM

B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.03 Bid Categories

A. BID CATEGORY NO. 1 - GENERAL TRADES

Add the following clarifications:

11. Demolition of any underground utilities including but not limited to buried electrical cable, water and site sewer lines NOT SPECIFICALLY ASSIGNED to Bid Category #11 is included in this scope of work.
12. Demolition of masonry and provision of shoring required prior to installation of loose lintels at new openings in masonry walls is included in this scope of work.

B. BID CATEGORY NO. 2 – MASONRY

Add the following clarifications:

2. Installation of loose lintels and toothing in of masonry jambs at new openings in masonry walls are included in this scope of work. See demolition drawings for extent of work.

C. BID CATEGORY NO. 3 – STRUCTURAL STEEL

Add the following clarifications:

2. Provision of loose lintels at new openings in masonry walls is included in this scope of work. See demolition drawings for extent of work.

G. BID CATEGORY NO. 7– FLOORING

4. At cafeteria removal and replacement of existing terrazzo to first metal divider or as required to clear new footings, whichever is greater, is included in this scope of work, see structural plan for footings.
5. Terrazzo patching where required at threshold of all new or existing doors is included in this scope of work, see Architectural plans for scope of work.

K. BID CATEGORY NO. 11 – PLUMBING & HVAC

Add the following clarifications:

2. Demolition of existing underground storm and sanitary piping shown on sheet PD101D including but not limited to excavation and removal of piping and structures is included in this scope of work.
3. Provision of new underground storm and sanitary piping shown on sheet P101D is included in this scope of work. See Specifications 22 14 13 and 01 90 30 / 3.07 / I for backfill as part of this scope of work.

C. SPECIFICATION SECTION 01 29 00 APPLICATION FOR PAYMENT

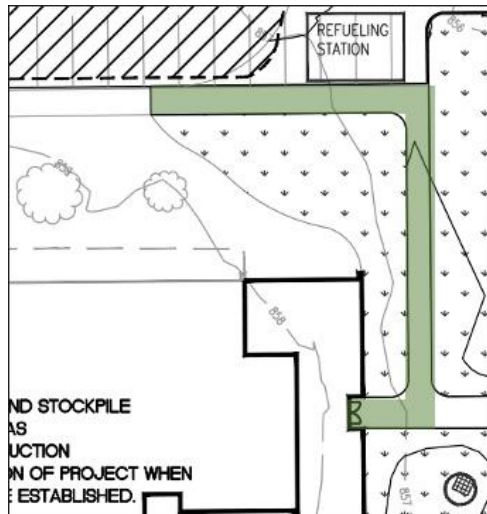
1. Add 1.03 – A - 6

The Contractor shall provide accurate documentation of monthly diverse spend for each pay application submission. The diverse spend tracking sheet will be issued by the Construction Manager.

D. SPECIFICATION SECTION 01 32 00 SCHEDULES AND REPORTS

2. 1.07 Project use Site Plan F

Prior to the scheduled release of Phase 1 to the Owner for its use, the sidewalk required for exiting to the east shall be complete, and construction fencing be relocated to allow unencumbered egress from the building included in the work of Bid Package #1. See sketch following.



ADDENDUM

ADDENDUM NO: 2

BID PACKAGE NO:

PROJECT: ADDITIONS AND RENOVATIONS TO HAWTHORNE ELEMENTARY SCHOOL

PROJECT NO: 2021054

DATE: August 12, 2022

BY: Lisa Roberson

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

Addendum Pages: ADD 1 of 3 through ADD 3 of 3

Attached Documents: SHEET AD201A – FIRST FLOOR DEMOLITION PLAN – UNIT A
SHEET AD201BC – FIRST FLOOR DEMOLITION PLAN – UNITS B,C AND MEZZANINE PLAN
SHEET AD201D – FIRST FLOOR DEMOLITION PLAN – UNIT D
SHEET A603 – CASEWORK ELEVATIONS
SHEET A702 – ENLARGED RESTROOM PLANS & ACCESSORY SCHEDULE
SHEET A800 – FINISH LEGEND AND INFORMATION
SHEET A801A – FIRST FLOOR FINISH PLAN – UNIT A
SHEET A801BC – FIRST FLOOR FINISH PLAN – UNITS B AND C
SHEET A801D – FIRST FLOOR FINISH PLAN – UNIT D

CRIFE Addendum #2 with Attachments

LHB Addendum #2 with Attachments

STAIR Associates, Inc. Addendum #2 with Attachments

PART 0 - GENERAL INFORMATION

0.1 If you have trouble viewing downloaded PDFs, please contact

Greg.Holman@easternengineering.com

0.2 A list of planholders can be found on the Eastern Engineering website:

https://www.csoplanroom.com/View/ViewJob.aspx?job_id=9598&view=ph

PART 1 - BIDDING REQUIREMENTS

1.1 NOT USED

PART 2 - SPECIFICATIONS

2.1 SECTION 00 00 20 - TABLE OF CONTENTS

- A. ADD SECTION 33 06 00 Aqua-Swirl™ STORMWATER TREATMENT SYSTEM to Table of Contents (All 3 Project Manual Volumes).

2.2 SECTION 07 54 23 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING (ADHERED)

- A. ADD the following to 2.01. A. 1.
 - f. Mulehide Products Co., Inc.

2.3 SECTION 11 66 23 – GYMNASIUM EQUIPMENT

- A. DELETE Line 2.05.J.6 regarding Graphics.

PART 3 - DRAWINGS

ARCHITECTURAL

3.1 SHEET A200 – GENERAL NOTES & WALL TYPES

- A. REVISE Wall Type Note 7. to read:

“7. See SHEET A800 Series Sheets for additional Gypsum Board/Tile Backer Board at Corridor Tile Wainscot Locations. Details 6, 7, 8 and 9/A800 are to be applied in addition to the wall types noted on the A200 Series Floor Plan Sheets in order to provide acceptable substrate for Corridor Tile Wainscot and to provide flush wall from wainscot to finish wall above at walls where tackboards are located. See Keyed Finish Notes FN23, FN24, FN25 and FN26 on A800 Series Drawings.”

3.2 SHEETS A201A, A201BC, and A201D

- A. REVISE Keyed Plan Note 14 to read:

“14. Provide new countertop at: Existing to remain perimeter Media Center shelving and wall/shelving at Storytime Area. See Detail 29/A603 and SHEET A801A for new countertops.”

3.3 SHEET A600 – CASEWORK SCHEDULE AND EQUIPMENT SCHEDULE

- A. At Specialty Equipment Item PE6, REVISE Specification Section to read 26 60 00.
- B. ADD the following to Specialty Equipment Schedule – General Notes

“6. See A800 Series Finish Plans for 2” Tackstrips (Claridge 74EZ or equal as approved by the Architect) to be provided continuous at all corridor walls (between Wall Tile Wainscot and wall above) unless indicated otherwise. Color of tackable material to be selected from manufacturer’s full range of colors (15 minimum).

3.4 DELETE THE FOLLOWING SHEETS IN THEIR ENTIRETY:

- A. SHEET AD201A – FIRST FLOOR DEMOLITION PLAN – UNIT A
- B. SHEET AD201BC – FIRST FLOOR DEMOLITION PLAN – UNITS B, C AND MEZZANINE PLAN
- C. SHEET AD201D – FIRST FLOOR DEMOLITION PLAN – UNIT D
- D. SHEET A603 – CASEWORK ELEVATIONS
- E. SHEET A702 – ENLARGED RESTROOM PLANS & ACCESSORY SCHEDULE
- F. SHEET A800 – FINISH LEGEND AND INFORMATION
- G. SHEET A801A – FIRST FLOOR FINISH PLAN – UNIT A
- H. SHEET A801BC – FIRST FLOOR FINISH PLAN – UNITS B AND C
- I. SHEET A801D – FIRST FLOOR FINISH PLAN – UNIT D

3.5 ADD THE FOLLOWING SHEETS, ATTACHED TO THIS ADDENDUM

- A. SHEET AD201A – FIRST FLOOR DEMOLITION PLAN – UNIT A
- B. SHEET AD201BC – FIRST FLOOR DEMOLITION PLAN – UNITS B, C AND MEZZANINE PLAN
- C. SHEET AD201D – FIRST FLOOR DEMOLITION PLAN – UNIT D
- D. SHEET A603 – CASEWORK ELEVATIONS
- E. SHEET A702 – ENLARGED RESTROOM PLANS & ACCESSORY SCHEDULE
- F. SHEET A800 – FINISH LEGEND AND INFORMATION
- G. SHEET A801A – FIRST FLOOR FINISH PLAN – UNIT A
- H. SHEET A801BC – FIRST FLOOR FINISH PLAN – UNITS B AND C
- I. SHEET A801D – FIRST FLOOR FINISH PLAN – UNIT D

END ADDENDUM



Solutions by Design Since 1937

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www.cripe.biz

August 12, 2022

RE: 2021054
Additions and Renovations
Hawthorne Elementary School
MSD of Warren Township

Added items:

Section 33 06 001: Aqua Swirl STORMWATER TREATMENT SYSTEM

Revised items:

Sheet C101:

1. Clarified that Granular Subbase includes Compacted Granular Subbase. Clarified limits of Asphalt and Granular Subbase removal.
2. Clarified that Keynote 24 only requires removal of electric line. No meter must be relocated.

Sheet C201:

1. Clarified that the pavement detail on Sheet C201 is the Right of Way Pavement as required by the City of Indianapolis.

Sincerely,

CRIFE | Engineering

David Kuehnen, PE
Senior Design Engineer

CC: O:\2020\200085\20000\Docs\Engr\Addenda\2022-08-12_Addendum #02\2022-08-10_Addendum_#02_Cripe.docx

SECTION 33 06 00 - Aqua-Swirl™ STORMWATER TREATMENT SYSTEM

PART 1 GENERAL

- 1.1 This specification shall govern the performance, materials and fabrication of the Stormwater Treatment System.

PART 2 SCOPE OF WORK

- 2.1 The Aqua-Swirl™ shall be provided by AquaShield™, Inc., 2733 Kanasita Drive, Chattanooga, TN (888-344-9044), and shall adhere to the following material and performance specifications at the specified design flows and storage capacities.

PART 3 MATERIALS

- 3.1 Stormwater Treatment System shall be made from High-Density Polyethylene (HDPE) resins meeting the following requirements:
- A. HDPE Material – The HDPE material supplied under this specification shall be high density, high molecular weight as supplied by manufacturer. The HDPE material shall conform to ASTM D3350-02 with minimum cell classification values of 345464C.
 - B. PHYSICAL PROPERTIES OF HDPE COMPOUND
 - A. Density - the density shall be no less than 0.955 g/cm³ as referenced in ASTM D 1505.
 - B. Melt Index - the melt index shall be no greater than 0.15 g/10 minutes when tested in accordance with ASTM D 1238- Condition 190/2.16.
 - C. Flex Modulus - flexural modulus shall be 110,000 to less than 160,000 psi as referenced in ASTM D 790.
 - D. Tensile Strength at Yield - tensile strength shall be 3,000 to less than 3,500 psi as referenced in ASTM D 638.
 - E. Slow Crack Growth Resistance shall be greater than 100 hours (PENT Test) as referenced in ASTM F 1473 or greater than 5,000 hours (ESCR) as referenced in ASTM D 1693 (condition C).
 - F. Hydrostatic Design Basis shall be 1,600 psi at 23 degrees C when tested in accordance with ASTM D 2837.
 - G. Color – black with minimum 2% carbon black.
 - C. REJECTION - The Stormwater Treatment System may be rejected for failure to meet any of the requirements of this specification.

PART 4 PERFORMANCE

- 4.1 The Stormwater Treatment System shall include a 12-inch inner diameter (ID) circular hydrodynamic flow-through treatment chamber to treat the incoming water. A tangential inlet shall be provided to induce a swirling flow pattern that will cause sedimentary solids to accumulate in the bottom center of the chamber in such a way as to prevent re-suspension of

captured particles. An arched baffle wall shall be provided in such a way as to prevent floatable liquid oils and solids from exiting the treatment chamber while enhancing the swirling action of the stormwater.

- 4.2 The Stormwater Treatment System shall be capable of removing floating trash and debris, floatable oils and 80% of total suspended solids from stormwater entering the treatment chamber.
- 4.3 Service access to the Stormwater Treatment System shall be provided via 30-inch inner diameter (ID) access riser(s) over the treatment chamber such that no confined space entry is required to perform routine inspection and maintenance functions.

PART 5 TREATMENT CHAMBER CONSTRUCTION

- 5.1 The treatment chamber shall be constructed from solid wall HDPE ASTM F 714 cell class 345464C. For sizes above 63-inch OD, the treatment chamber shall be constructed from profile wall HDPE ASTM F 894 RSC 250 pipe or solid wall HDPE.
- 5.2 The bottom thickness of the treatment chamber will be determined in accordance with ASTM F 1759. Calculations must be provided to justify the thickness of the bottom.
- 5.3 The inlets and outlets shall be extrusion welded on the inside and outside of the structure using accepted welding methods.
- 5.4 The arched baffle wall shall be constructed from HDPE and shall be extrusion welded to the interior of the treatment chamber using accepted welding methods with connections made at 180 degrees of each end.
- 5.5 HDPE lifting supports may be provided on the exterior of the Stormwater Treatment System in such a way as to allow the prevention of undue stress to critical components of the Stormwater Treatment System during loading, off-loading, and moving operations. The lifting supports shall be constructed as an integral part of the treatment chamber and extrusion welded using accepted welding methods.
- 5.6 The top of the treatment chamber shall be built to the requirements of the drawings. Deep burial applications shall require a reinforced HDPE top.

Reinforced concrete pads spanning the treatment chamber will be required with traffic rated frames and covers when the Stormwater Treatment System is used in traffic areas. A professional engineer shall approve the design of the concrete pad and the calculations must be included in the submittal. Reinforced concrete pads shall be provided in all area within or near traffic area. Bollards or concrete pad shall be provided in non-traffic area.

The manufacturer, upon request, can supply anti-flotation/ buoyancy calculations. In addition, typical drawings of the AquaShield™ Stormwater Treatment System with concrete anti-flotation structures can also be provided. Anti-flotation structure design and approval are ultimately the responsibility of the specifying engineer. The contractor shall provide the anti-flotation structures.

PART 6 INSTALLATION

6.1 Excavation and Bedding

- A. The trench and trench bottom shall be constructed in accordance with ASTM D 2321, Section 6, Trench Excavation, and Section 7, Installation. The Stormwater Treatment System shall be installed on a stable base consisting of 12 inches of Class I stone materials (angular, crushed stone or rock, crushed gravel; large void content, containing little or no fines) as defined by ASTM D 2321, Section 5, Materials, and compacted to 95% proctor density.

All required safety precautions for the Stormwater Treatment System installation are the responsibility of the contractor.

- B. Backfill Requirements

- 1. Backfill materials shall be Class I or II stone materials (well graded gravels, gravelly sands; containing little or no fines) as defined by ASTM D 2321, Section 5, Materials, and compacted to 90% proctor density. Class I materials are preferred. Backfill and bedding materials shall be free of debris. Backfilling shall conform to ASTM F 1759, Section 4.2, "Design Assumptions." Backfill shall extend at least 3.5 feet beyond the edge of the Stormwater Treatment System for the full height to sub grade and extend laterally into undisturbed soils.

- C. Pipe Couplings

- 1. Pipe couplings to and from the Stormwater Treatment System shall be Fernco®, Mission™ or an equal type flexible boot with stainless steel tension bands. A metal sheer guard shall be used to protect the flexible boot.

PART 7 DIVISION OF RESPONSIBILITY

7.1 Stormwater Treatment System Manufacturer

- A. The manufacturer shall be responsible for delivering the Stormwater Treatment System to the site. The system includes the treatment chamber with debris baffle, inlet and outlet stub-outs, lifting supports, 30-inch ID service access riser(s) to grade with temporary cover(s), and manhole frame(s) and cover(s).
- B. Contractor
 - 1. The contractor shall be responsible for preparing the site for the system installation including, but not limited to, temporary shoring, excavation, cutting and removing pipe, new pipe, bedding, and compaction. The contractor shall be responsible for furnishing the means to lift the system components off the delivery trucks. The contractor shall be responsible for providing any concrete anti- floatation/anti-creep restraints, anchors, collars, etc. with any straps or connection devices required. The contractor shall be responsible for field cutting, if necessary, and HDPE service access risers to grade. The contractor shall be responsible for sealing the pipe connections to the Stormwater Treatment System, backfilling and furnishing all labor, tools, and materials needed.

PART 8 SUBMITTALS

- 8.1. The contractor shall be provided with dimensional drawings; and when specified, utilize these drawings as the basis for preparation of shop drawings showing details for construction and reinforcing. Shop drawings shall be annotated to indicate all materials to be used and all applicable standards for materials, required tests of materials, and design assumptions for structural analysis. Shop drawings shall be prepared at a scale of not less than ¼ inch per foot. Three (3) hard copies of said shop drawings shall be submitted to the specifying engineer for review and approval.

PART 9 QUALITY CONTROL INSPECTION

9.1 Materials

- A. The quality of materials, the process of manufacturing, and the finished sections shall be subject to inspection by the specifying engineer. Such inspection may be made at the place of construction, on the work site after delivery, or at both places. The sections shall be subject to rejection at any time if material conditions fail to meet any of the specification requirements, even though sample sections may have been accepted as satisfactory at the place of manufacture. Sections rejected after delivery to the site shall be marked for identification and shall be removed from the site at once. All sections, which are damaged beyond repair after delivery will be rejected; and, if already installed, shall be repaired to the specifying engineer's acceptance level, if permitted, or removed and replaced entirely at the contractor's expense.

B. Inspection

1. All sections shall be inspected for general appearance, dimensions, soundness, etc.

C. Defects

1. Structural defects may be repaired (subject to the acceptance of the specifying engineer) after demonstration by the manufacturer that strong and permanent repairs will be made. The specifying engineer, before final acceptance of the components, shall carefully inspect repairs.

END OF SECTION 33 06 00

STRUCTURAL ENGINEERS

WILLIAM F. LYNCH, PE, LS
(1917-1995)

WESLEY B. HARRISON, PE
(RETIRED)

PAUL A. BRUMLEVE, PE

SCOTT A. CLORE, PE

ROBERT M. DEE, PE

MARK D. LAVIER, PE

NATHAN M. ASHLEY, PE

DAVID A. CLARK, PE, SE

NICHOLAS H. FELLER, PE

JOSEPH L. HEINSMAN, PE

DANIEL J. LEVITUS, PE

JAMES R. OSBORNE, PE

NICHOLAS R. RITENOUR, PE

SAMUEL B. RUNNINGEN, PE

JESSE R. VALENCOURT, PE, SE

Hawthorne Elementary Renovation & Addition Addendum 2

August 12, 2022

Amend dimensions on the following structural drawings to accommodate discovered existing construction:

Drawing S711 Sections and Details

1. Modify section 19/S711

Addendum #2

To: All Bidders of Record

This addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and Drawings. This addendum is issued in accordance with the provision of "The General Conditions of the Contract for Construction, "Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. All Contractors shall incorporate into the contract documents and into their bid the following changes and clarifications to the drawings, specifications and scope of work.

Acknowledge receipt of this addendum in the location provided on the bid form.

Plumbing

Specifications: N/A

Drawings:

- Item 1. Sheet PD201A FIRST FLOOR PLUMBING DEMOLITION PLAN – UNIT A
 - A. Revised demolition piping and associated notes.
- Item 2. Sheet PD202A MEZZANINE & ROOF LEVEL PLUMBING DEMOLITION PLAN – UNIT A
 - A. Revised demolition piping and associated notes.
- Item 3. Sheet P202AD MEZZANINE & ROOF LEVEL PLUMBING PLAN – UNIT A AND D
 - A. Revised new storm pipe routing with noting.

Mechanical

Specifications:

- Item 1. Section 23 09 00 Temperature Control and Energy Management System: Paragraph 4.08, H - replace with the following:
 - H. Provide CO2 sensor integrated with wall sensor. If unit is in occupied mode or below CO2 setpoint, outside air shall remain in minimum (50%) position. When CO2 above adjustable setpoint of 1000ppm is sensed, open damper 100%.

Drawings: N/A

Electrical

Specifications:

Item 1. Specification 260533 Raceways

260533.3.02.C Replace with the following paragraph:

Conceal conduit and EMT (unless otherwise noted) with-in new finished walls, ceilings, floors and existing accessible walls. Existing walls that do not have access to the wall cavity shall utilize surface mounted Wiremold. For single device drops of line or low voltage Wiremold V700 shall be installed. For multiple device locations where a single drop from the ceiling is utilized and may contain both line and low voltage circuits then Wiremold AL330 shall be installed. Keep raceways at least 6 inches away from parallel runs or flues and steam or hot water pipes. Install raceways level and square and at proper elevations.

Drawings:

Item 1. Sheet E103 ELECTRICAL SITE PLAN; Exterior Light Fixture Schedule; LE4 – Add Beacon Viper to approved manufacturers.

Item 2. Replace Sheet E303 ELECTRICAL SCHEDULES AND DETAILS, with the attached, in its entirety.

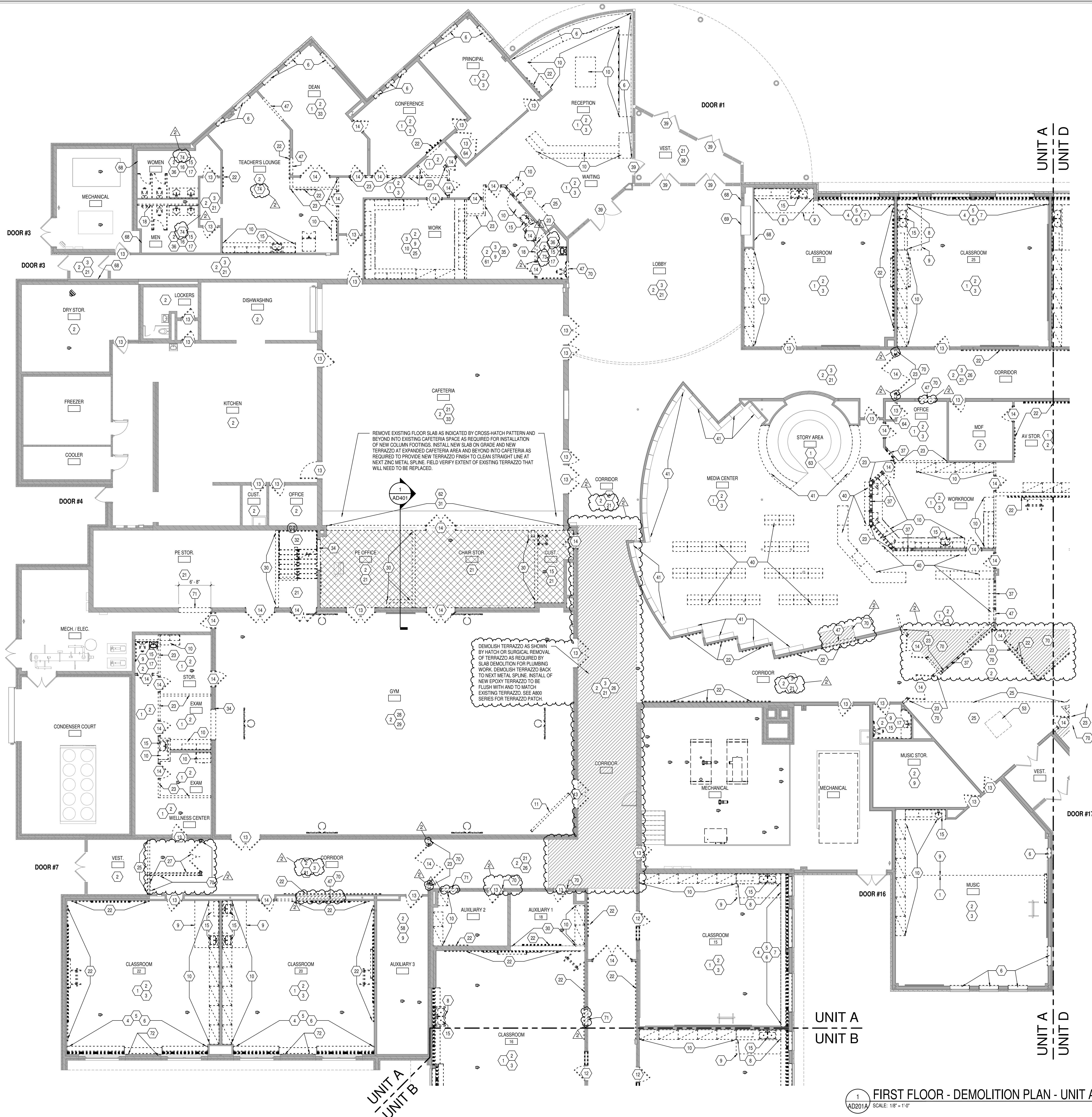
Item 3. (Sheets ED201A,BC,D) Electrical Demolition Plan Notes

Revise plan note #3 to read as follows.

Existing to remain devices on walls that have existing vinyl covering removed are to have receptacle faceplates and receptacle devices removed and replaced with new. Typical of all. Other electrical devices are to be removed and reinstalled with existing coverplates.

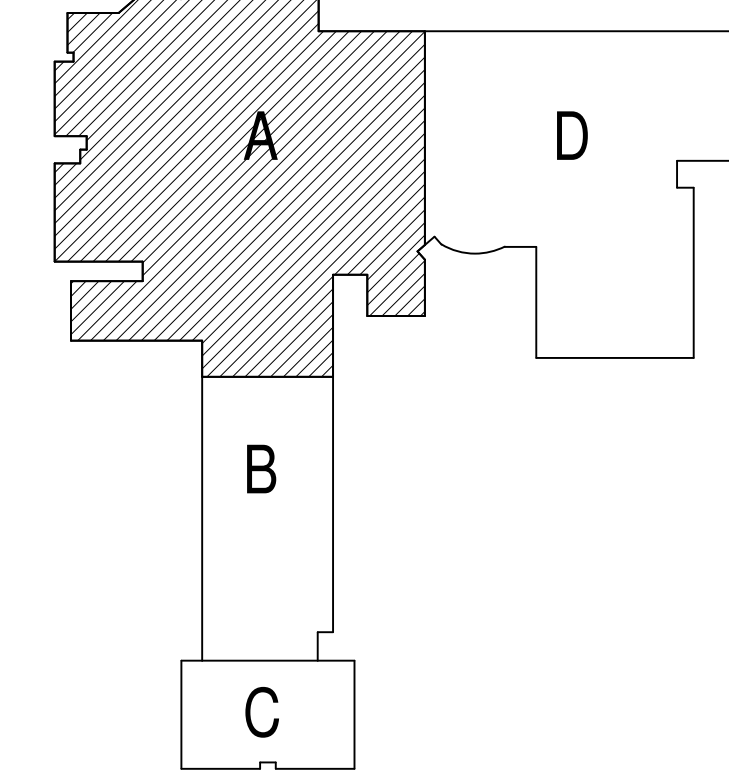
Attachments:

Sheet PD201A FIRST FLOOR PLUMBING DEMOLITION PLAN – UNIT A
Sheet PD202A MEZZANINE & ROOF LEVEL PLUMBING DEMOLITION PLAN – UNIT A
Sheet P202AD MEZZANINE & ROOF LEVEL PLUMBING PLAN – UNIT A AND D
Sheet E303 ELECTRICAL SCHEDULES AND DETAILS



SEE AD201 FOR GENERAL DEMOLITION NOTES
KEYED DEMOLITION NOTES

- 1 REMOVE CARPET AND RESILIENT BASE COMPLETE.
- 2 REMOVE LAY-IN CEILING SYSTEM COMPLETE.
- 3 REMOVE VINYL WALLCOVERING COMPLETE, INCLUDING FROM BULKHEADS AND CORK SUBSTRATES WHERE APPLICABLE. AT EXISTING EXTERIOR CLASSROOM WALLS, REMOVE WOOD TRIM, CORK SUBSTRATE TO REMAIN. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES.
- 4 REMOVE EXISTING METAL SHELVING AND COUNTERTOP COMPLETE. SEE MECHANICAL DRAWINGS.
- 5 REMOVE EXISTING MECHANICAL RADIATION AND CABINET COMPLETE. SEE MECHANICAL DRAWINGS.
- 6 REMOVE EXISTING INTERIOR PLASTIC LAMINATE WINDOW STOOLS COMPLETE.
- 7 EXISTING BULKHEAD AT EXTERIOR WALL TO REMAIN. SEE REFLECTED CEILING PLANS.
- 8 REMOVE METAL CASEWORK AND ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ETC.
- 9 REMOVE VINYL COMPOSITION TILE AND RESILIENT BASE COMPLETE.
- 10 REMOVE WOOD CASEWORK AND ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ETC. WHERE APPLICABLE, BULKHEAD ABOVE TO REMAIN UNLESS NOTED OTHERWISE.
- 11 CAREFULLY REMOVE AND SALVAGE EXISTING CEILING-MOUNTED PROJECTOR SCREEN FOR REINSTALLATION.
- 12 REMOVE EXISTING DOOR(S), HARDWARE, AND GLAZING FROM FRAME TO REMAIN. PATCH AND PREPARE FRAME TO RECEIVE NEW DOOR AND HARDWARE. PATCH ANY HOLES OR DAMAGE TO FRAME TO LIKE-NEW CONDITION PRIOR TO PAINTING.
- 13 REMOVE EXISTING DOOR(S) AND HARDWARE FROM FRAME TO REMAIN. PATCH AND PREPARE HOLLOW METAL FRAME TO RECEIVE NEW DOOR AND HARDWARE. PATCH ANY HOLES OR DAMAGE TO FRAME TO LIKE-NEW CONDITION PRIOR TO PAINTING.
- 14 REMOVE DOOR AND HOLLOW METAL FRAME COMPLETE, INCLUDING HARDWARE, TRANSOM PANELS, Sidelights, ANCHORS, GLAZING, ETC.
- 15 REMOVE PLUMBING WORK COMPLETE. COORDINATE WITH PLUMBING DRAWINGS.
- 16 REMOVE ALL TOILET PARTITIONS / URINAL SCREENS COMPLETE, INCLUDING ANCHORS, HARDWARE, ACCESSORIES, ETC.
- 17 REMOVE ALL TOILET ACCESSORIES THIS ROOM COMPLETE.
- 18 DEMOLISH GYPSUM BOARD BULKHEAD/CEILING CONSTRUCTION AS INDICATED.
- 19 DEMOLISH PLASTER AND METAL STUD PARTITION AS INDICATED.
- 20 PROTECT EXISTING ELECTRICAL PANEL TO REMAIN. SEE ELECTRICAL DRAWINGS.
- 21 REMOVE RESILIENT BASE COMPLETE, INCLUDING ADHESIVES, PATCH AND REPAIR WALL CONSTRUCTION AS REQUIRED TO RECEIVE NEW FINISHES.
- 22 REMOVE VISUAL DISPLAY SURFACE INCLUDING MARKER BOARDS, CHALKBOARDS, TACKBOARDS, AND ALL ANCHORS / ADHESIVES, COMPLETE.
- 23 REMOVE METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION AS INDICATED COMPLETE.
- 25 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD/CEILING CONSTRUCTION COMPLETE.
- 26 REMOVE EXISTING VINYL WALLCOVERING ABOVE GLAZED TILE WAINSCOT COMPLETE.
- 27 REMOVE DOOR AND ALUMINUM STOREFRONT FRAMING SYSTEM COMPLETE. WHERE APPLICABLE, REMOVE STONE SILL COMPLETE.
- 28 DEMOLISH RESILIENT ATHLETIC FLOORING SYSTEM AND RESILIENT BASE COMPLETE.
- 29 REMOVE EXISTING BASKETBALL BACKSTOP SYSTEMS (4 WALL-MOUNTED AND 2 CEILING-MOUNTED UNITS) AND ALL MISCELLANEOUS WALL-MOUNTED P.E. EQUIPMENT COMPLETE, INCLUDING ALL HARDWARE, BLOCKING, AND ASSOCIATED BRACING.
- 30 DEMOLISH MASONRY WALL CONSTRUCTION AS INDICATED COMPLETE TO MINIMUM 8" BELOW FLOOR LEVEL. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISH.
- 31 DEMOLISH MASONRY WALL CONSTRUCTION AS INDICATED (SEE WALL SECTION AND STRUCTURAL DRAWINGS) COMPLETE TO MINIMUM 8" BELOW FLOOR LEVEL. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISH UNLESS NOTED OTHERWISE (WHERE NEW FLOOR SLAB IS REQUIRED).
- 32 REMOVE EXISTING STAIR TO EXISTING DEMOLISHED MEZZANINE COMPLETE.
- 33 DEMOLISH FRP FIBER REINFORCED PLASTIC WAINSCOT COMPLETE.
- 34 REMOVE PORTION OF MASONRY WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR AND/OR BORROWED LITE AND LINTEL.
- 35 REMOVE AND SALVAGE EXISTING DRUG CABINET FOR REINSTALLATION.
- 36 REMOVE EXISTING CERAMIC TILE AT WALLS.
- 37 REMOVE EXISTING HOLLOW METAL BORROWED LITE COMPLETE.
- 38 REMOVE PORTION OF EXISTING GYPSUM BOARD CEILING AND/OR BULKHEAD AS REQUIRED TO INSTALL NEW SPRINKLERS.
- 39 REMOVE EXISTING GLAZING FROM EXISTING BORROWED LITE, STOREFRONT DOOR, AND/OR FRAME TO REMAIN. COORDINATE WITH GLAZING CONTRACTOR WITH NEW WORK.
- 40 REMOVE EXISTING LIBRARY SHELVING, CIRCULATION DESK, TABLES AND CHAIRS UNLESS OTHERWISE NOTED.
- 41 EXISTING PERIMETER SHELVING, STORY AREA SHELVING, AND STORY AREA WALL TO REMAIN. REMOVE COUNTERTOP AT STORY AREA. PREPARE ALL TO RECEIVE NEW COUNTERTOP. SEE MECHANICAL.
- 42 REMOVE PLASTIC LAMINATE COUNTERTOP COMPLETE.
- 43 REMOVE EXTERIOR STUD AND BRICK WALL CONSTRUCTION AS INDICATED / REQUIRED FOR NEW WORK.
- 44 REMOVE EXISTING WINDOWS COMPLETE INCLUDING STOOL.
- 45 REMOVE EXTERIOR BLOCK AND BRICK WALL CONSTRUCTION AS INDICATED / REQUIRED FOR NEW WORK.
- 46 REMOVE PORTION OF GLAZED BLOCK AND PLASTER WALL AS INDICATED. SALVAGE GLAZED BLOCK FOR PATCHING.
- 47 REMOVE PORTION OF GYPSUM BOARD AND METAL STUD WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR OR BORROWED LITE.
- 48 EXISTING STRUCTURE TO BE SELECTIVELY REMOVED - REFER TO STRUCTURAL DRAWINGS.
- 49 DEMO EXISTING RAPIDEX ELEVATED FLOOR STRUCTURE COMPLETE.
- 50 SEE MEP DRAWINGS FOR SYSTEMS DEMONSTRATION.
- 51 REMOVE EXISTING SOUND BATT INSULATION AT MEZZANINE WALLS, COMPLETE.
- 52 REMOVE EXISTING WALL LADDER WITH ROOF HATCH ABOVE, CAP ROOF HATCH PERMANENTLY WITH WEATHERTIGHT INSULATED METAL CAP AT ROOF.
- 53 REMOVE EXISTING SKYLITE - CAP OPENING PERMANENTLY WITH INSULATED, WEATHERPROOF LID AT ROOF.
- 54 REMOVE PORTION OF EXISTING EXTERIOR METAL STUD WITH BRICK VENEER AND CAST STONE TRIM WALL AS REQUIRED FOR NEW DOOR AND FRAME. REMOVE WALL TO MINIMUM 8" BELOW FLOOR SLAB. PATCH AND REPAIR SLAB TO LIKE-NEW CONDITION LEVEL AND FLUSH TO MATCH ADJACENT SLAB.
- 55 REMOVE EXISTING ALUMINUM DOOR AND FRAME. PREPARE OPENING IN WALL FOR INSTALLATION OF NEW ALUMINUM DOOR AND FRAME TO MATCH EXISTING.
- 56 REMOVE EXISTING STOVE-TOP COMPLETE.
- 57 REMOVE EXISTING PLASTIC LAMINATE CASEWORK AND ALL ACCESSORIES, INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ACCESSORIES, ETC.
- 58 REMOVE EXISTING CONCRETE HOUSEKEEPING PAD. PATCH FLOOR AS REQUIRED TO RECEIVE NEW FINISH.
- 59 REMOVE ALUMINUM DOOR AND FRAME COMPLETE, INCLUDING HARDWARE, TRANSOM PANELS, ANCHORS, GLAZING, ETC. AND METAL STUD WALL/BRICK VENEER AND CAST STONE ACCENTS AS REQUIRED TO INSTALL NEW ALUMINUM WINDOWS AND PATCH WALL BACK AS REQUIRED TO MATCH EXISTING ADJACENT CONSTRUCTION.
- 60 REMOVE EXISTING WOOD CHAIR RAIL (AND WOOD TRIM AT DISPLAY SURFACES).
- 61 REMOVE EXISTING CUBICLE CURTAINS AND TRACK COMPLETE.
- 62 DIAGONAL CROSS-HATCHING INDICATES EXISTING FLOOR SLAB TO BE REMOVED COMPLETE.
- 63 AT STORYTELLING AREA, REMOVE CARPET, VINYL TRIM, VINYL WALLCOVERING, PLASTIC LAMINATE TOPS AT STEPPED WALLS AND COUNTERTOPS, AND PORTION OF EXISTING GYPSUM BOARD CEILING AS REQUIRED FOR NEW WORK. SKYLITES TO REMAIN.
- 64 REMOVE EXISTING FINISHES AS REQUIRED TO INSTALL NEW FINISHES IN CLOSET TO MATCH THOSE IN ADJACENT ROOM OR AS OTHERWISE INDICATED.
- 65 DEMOLISH EXISTING RECESSED MOP BASIN COMPLETE. PATCH AND REPAIR WALL SURFACE AS REQUIRED BY DEMO.
- 66 DEMOLISH FASCIA, SOFFIT, AND GRAVEL STOP COMPLETE. DEMO PORTION OF EXISTING DECK TO EXTENT SHOWN ON STRUCTURAL PLANS AND AS REQUIRED BY NEW WORK.
- 67 CABINET UNIT HEATER TO BE REMOVED - SEE MECHANICAL. INFILL WALL AND PREP AS REQUIRED TO RECEIVE NEW FINISHES.
- 68 CAREFULLY REMOVE EXISTING CABINET UNIT HEATER AS REQUIRED TO INSTALL NEW FINISHES AND REINSTALL IN SAME LOCATION.
- 69 CAREFULLY REMOVE EXISTING DISPLAY CASE AS REQUIRED TO INSTALL NEW FINISHES AND REINSTALL IN SAME LOCATION.
- 70 GRIND DOWN/REMOVE PORTION OF EXISTING CONCRETE FLOOR SLAB (APPROX. 38") AS REQUIRED TO INSTALL NEW EPOXY TERRAZZO TO BE FLUSH WITH AND TO MATCH EXISTING TERRAZZO. SEE A800 SERIES FOR TERRAZZO PATCH.
- 71 REMOVE PORTION OF MASONRY WALL AS INDICATED MIN. 8" BELOW FINISH FLOOR FOR NEW OPENING UP TO 7' 4" A.F.F. INSTALL NEW EPOXY TERRAZZO TO BE FLUSH WITH AND TO MATCH EXISTING.
- 72 CUT CHANNEL IN DRYWALL FOR CONDENSATE DRAIN LINE. PATCH AND REPAIR AS REQUIRED TO MATCH EXISTING AND PREP FOR NEW FINISH. SEE MECHANICAL.
- 73 REMOVE CERAMIC MOSAIC TILE COMPLETE.
- 74 REMOVE LVT COMPLETE.



1 FIRST FLOOR - DEMOLITION PLAN - UNIT A
AD201A SCALE: 1/8" = 1'-0"



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PROJECT: MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a substitute for the design of structural, mechanical and electrical systems. The drawings are not intended to be a substitute for the design of the project. The drawings are not intended to be a substitute for the design of the project. The drawings are not intended to be a substitute for the design of the project.

REVISIONS:
2 ADDENDUM #2 08-12-22

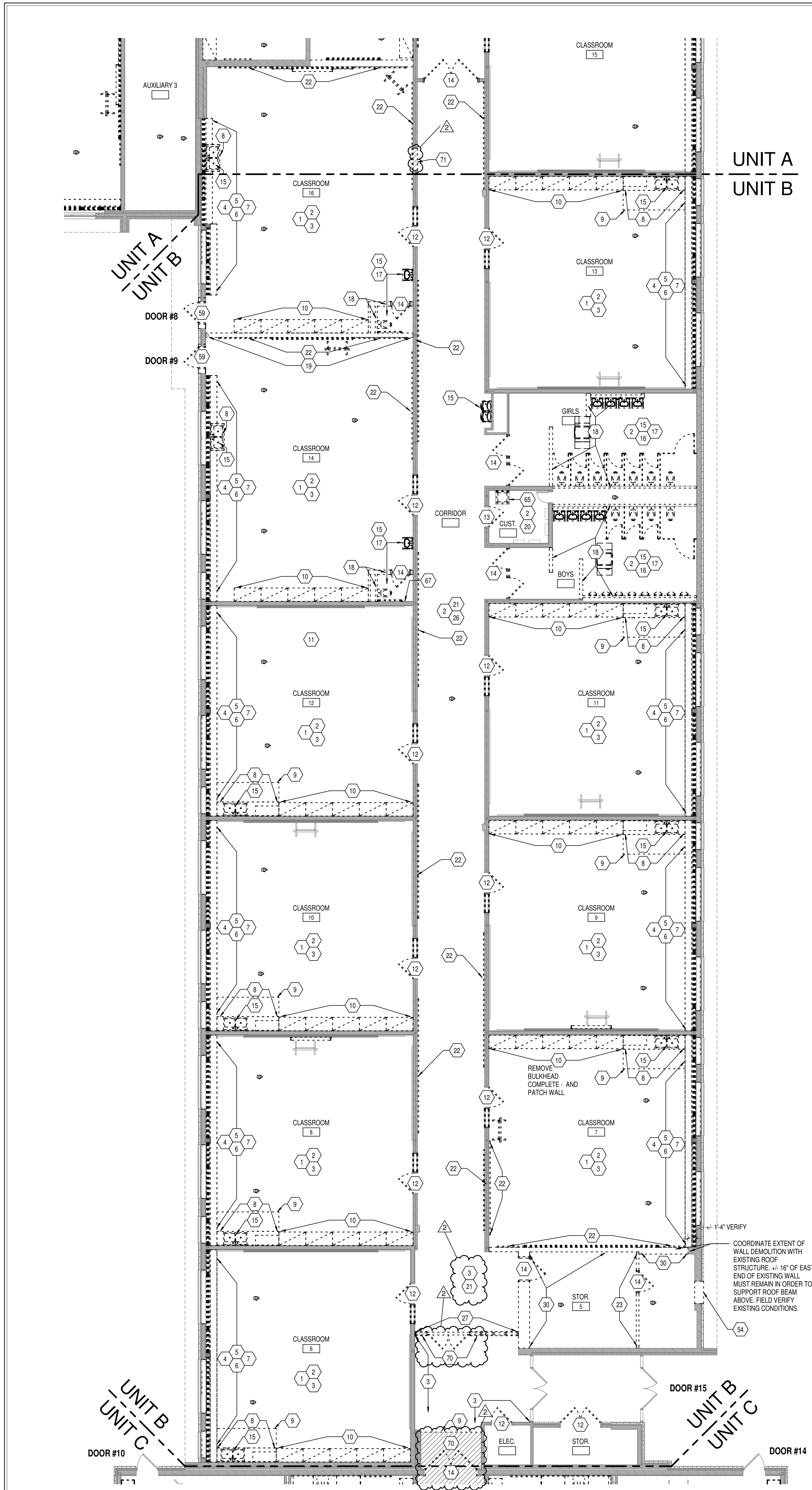
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DRAWN BY: NTC
CHECKED BY: CAM

DRAWING TITLE:
FIRST FLOOR
DEMOLITION
PLAN - UNIT A

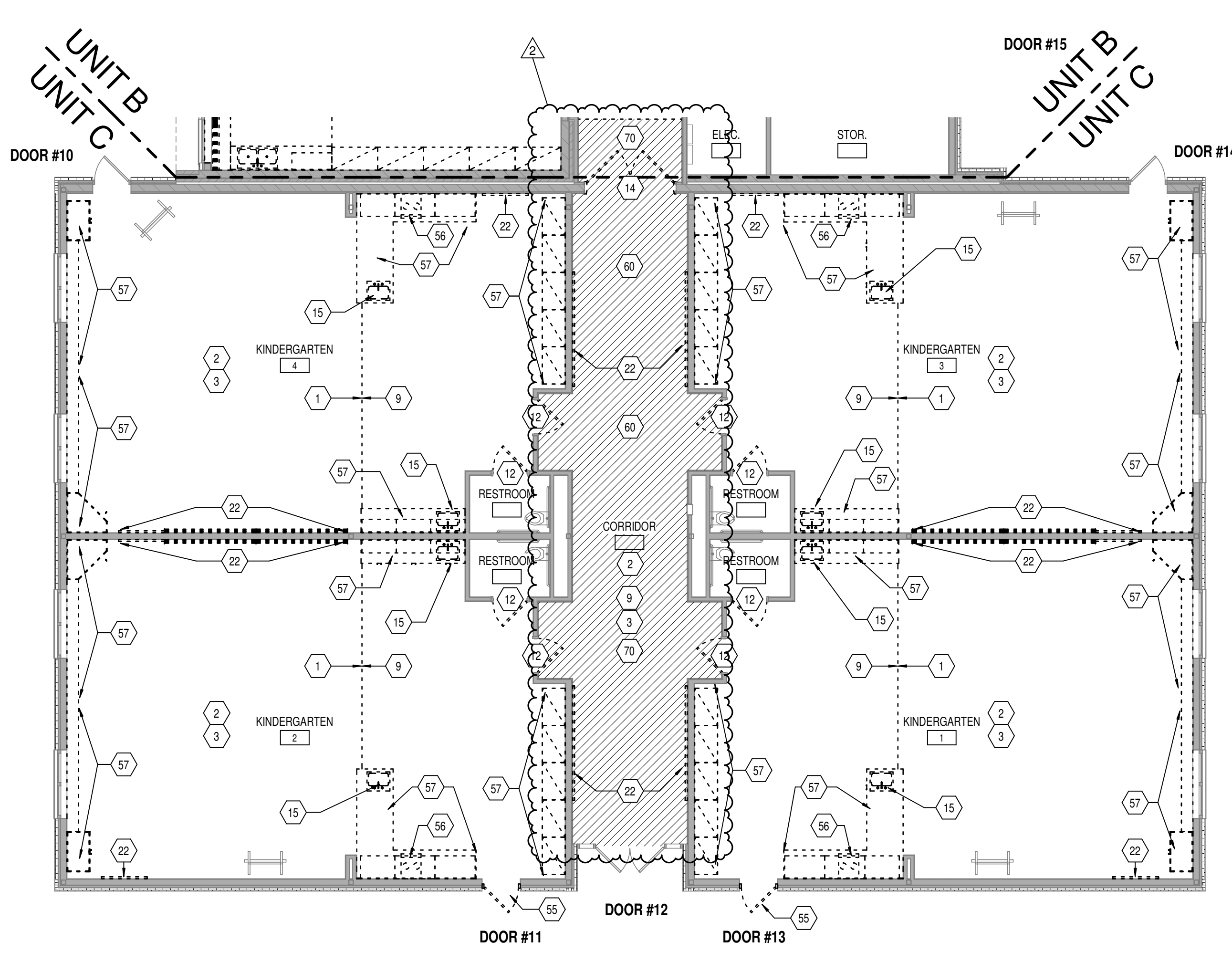
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STATE OF
INDIANA
ARCHITECT
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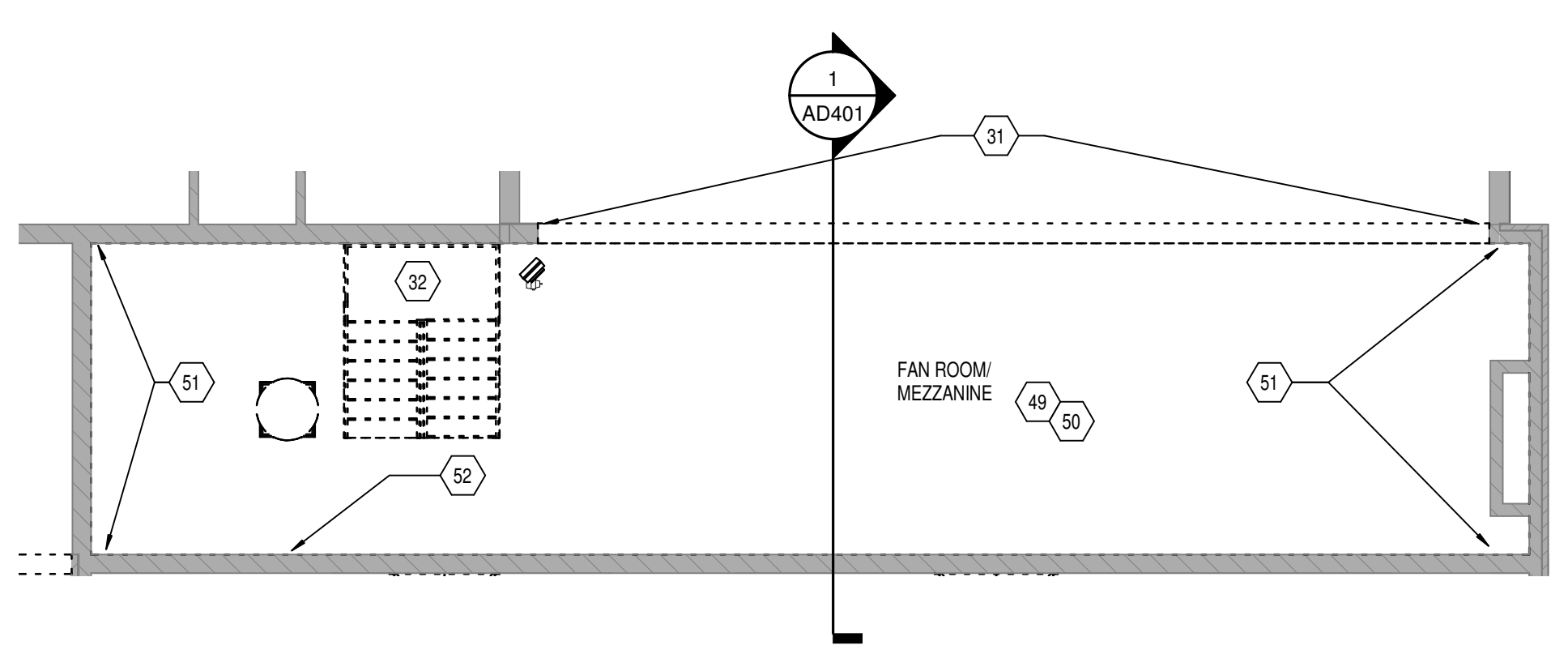
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1 FIRST FLOOR - DEMOLITION PLAN - UNIT B
AD201BC SCALE: 1/8" = 1'-0"



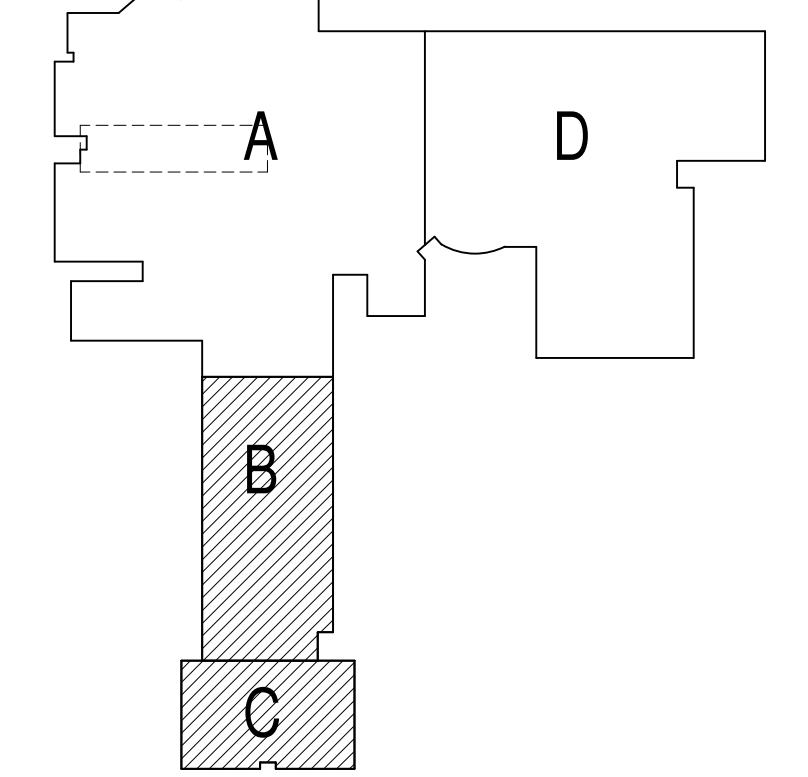
2 FIRST FLOOR - DEMOLITION PLAN - UNIT C
AD201BC SCALE: 1/8" = 1'-0"



3 MEZZANINE - DEMOLITION PLAN - UNIT A
AD201BC SCALE: 1/8" = 1'-0"

SEE AD201 FOR GENERAL DEMOLITION NOTES
KEYED DEMOLITION NOTES

- 1 REMOVE CARPET AND RESILIENT BASE COMPLETE.
- 2 REMOVE LAY-IN CEILING SYSTEM COMPLETE.
- 3 REMOVE VINYL WALLCOVERING COMPLETE, INCLUDING FROM BULKHEADS AND CORK SUBSTRATES WHERE APPLICABLE. AT EXISTING EXTERIOR CLASSROOM WALLS, REMOVE WOOD TRIM. CORK SUBSTRATE TO REMAIN. PREPARE SUBSTRATE TO RECEIVE NEW FINISHES.
- 4 REMOVE EXISTING METAL SHELVING AND COUNTERTOP COMPLETE. SEE MECHANICAL DRAWINGS.
- 5 REMOVE EXISTING MECHANICAL RADIATION AND CABINET COMPLETE. SEE MECHANICAL DRAWINGS.
- 6 REMOVE EXISTING INTERIOR PLASTIC LAMINATE WINDOW STOOLS COMPLETE.
- 7 EXISTING BULKHEAD AT EXTERIOR WALL TO REMAIN. SEE REFLECTED CEILING PLANS.
- 8 REMOVE METAL CASEWORK AND ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ETC.
- 9 REMOVE VINYL COMPOSITION TILE AND RESILIENT BASE COMPLETE.
- 10 REMOVE WOOD CASEWORK AND ALL ACCESSORIES INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ETC. WHERE APPLICABLE, BULKHEAD ABOVE TO REMAIN UNLESS NOTED OTHERWISE.
- 11 CAREFULLY REMOVE AND SALVAGE EXISTING CEILING-MOUNTED PROJECTOR SCREEN FOR REINSTALLATION.
- 12 REMOVE EXISTING DOOR(S), HARDWARE, AND GLAZING FROM FRAME TO REMAIN. PATCH AND PREPARE FRAME TO RECEIVE NEW DOOR AND HARDWARE. PATCH ANY HOLES OR DAMAGE TO FRAME TO LIKE-NEW CONDITION PRIOR TO PAINTING.
- 13 REMOVE EXISTING DOOR(S) AND HARDWARE FROM FRAME TO REMAIN. PATCH AND PREPARE HOLLOW METAL FRAME TO RECEIVE NEW DOOR AND HARDWARE. PATCH ANY HOLES OR DAMAGE TO FRAME TO LIKE-NEW CONDITION PRIOR TO PAINTING.
- 14 REMOVE DOOR AND HOLLOW METAL FRAME COMPLETE, INCLUDING HARDWARE, TRANSOM PANELS, SIDELIGHTS, ANCHORS, GLAZING, ETC.
- 15 REMOVE PLUMBING FIXTURE(S) COMPLETE. COORDINATE WITH PLUMBING DRAWINGS.
- 16 REMOVE ALL TOILET PARTITIONS / URINAL SCREENS COMPLETE, INCLUDING ANCHORS, HARDWARE, ACCESSORIES, ETC.
- 17 REMOVE ALL TOILET ACCESSORIES THIS ROOM COMPLETE.
- 18 DEMOLISH CERAMIC WALL TILE AND METAL STUD PARTITION AS INDICATED.
- 19 DEMOLISH PLASTER AND METAL STUD PARTITION AS INDICATED.
- 20 PROTECT EXISTING ELECTRICAL PANEL TO REMAIN. SEE ELECTRICAL DRAWINGS.
- 21 REMOVE RESILIENT BASE COMPLETE, INCLUDING ADHESIVES. PATCH AND REPAIR WALL CONSTRUCTION AS REQUIRED TO RECEIVE NEW FINISHES.
- 22 REMOVE VISUAL DISPLAY SURFACE INCLUDING MARKER BOARDS, CHALKBOARDS, TACKBOARDS, AND ALL ANCHORS / ADHESIVES, COMPLETE.
- 23 REMOVE METAL STUD AND GYPSUM BOARD WALL CONSTRUCTION AS INDICATED COMPLETE.
- 25 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD/CEILING CONSTRUCTION COMPLETE.
- 26 REMOVE EXISTING VINYL WALLCOVERING ABOVE GLAZED TILE WAINSCOT COMPLETE.
- 27 REMOVE DOOR AND ALUMINUM STOREFRONT FRAMING SYSTEM COMPLETE. WHERE APPLICABLE, REMOVE STONE SILL COMPLETE.
- 28 DEMOLISH RESILIENT ATHLETIC FLOORING SYSTEM AND RESILIENT BASE COMPLETE.
- 29 REMOVE EXISTING BASKETBALL BACKSTOP SYSTEMS (4 WALL-MOUNTED AND 2 CEILING-MOUNTED UNITS) AND ALL MISCELLANEOUS WALL-MOUNTED P.E. EQUIPMENT COMPLETE, INCLUDING ALL HARDWARE, BLOCKING, AND ASSOCIATED BRACING.
- 30 DEMOLISH MASONRY WALL CONSTRUCTION AS INDICATED COMPLETE TO MINIMUM 8" BELOW FLOOR LEVEL. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISH.
- 31 DEMOLISH MASONRY WALL CONSTRUCTION AS INDICATED (SEE WALL SECTION AND STRUCTURAL DRAWINGS) COMPLETE TO MINIMUM 8" BELOW FLOOR LEVEL. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FINISH UNLESS NOTED OTHERWISE (WHERE NEW FLOOR SLAB IS REQUIRED).
- 32 REMOVE EXISTING STAIR TO EXISTING DEMOLISHED MEZZANINE COMPLETE.
- 33 DEMOLISH FIBER-REINFORCED PLASTIC WAINSCOT COMPLETE.
- 34 REMOVE PORTION OF MASONRY WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR AND/OR BORROWED LITE AND UNTEL.
- 35 REMOVE AND SALVAGE EXISTING DRUG CABINET FOR REINSTALLATION.
- 36 REMOVE EXISTING CERAMIC TILE AT WALLS.
- 37 REMOVE EXISTING HOLLOW METAL BORROWED LITE COMPLETE.
- 38 REMOVE PORTION OF EXISTING GYPSUM BOARD CEILING AND/OR BULKHEAD AS REQUIRED TO INSTALL NEW SPRINKLERS.
- 39 REMOVE EXISTING GLAZING FROM EXISTING BORROWED LITE, STOREFRONT DOOR, AND/OR FRAME TO REMAIN. COORDINATE EXTENT OF GLAZING REPLACEMENT WITH NEW WORK.
- 40 REMOVE EXISTING LIBRARY SHELVING, CIRCULATION DESK, TABLES AND CHAIRS UNLESS OTHERWISE NOTED.
- 41 EXISTING PERIMETER SHELVING, STORY AREA SHELVING, AND STORY AREA WALL TO REMAIN. REMOVE COUNTERTOP AT STORY AREA. PREPARE ALL TO RECEIVE NEW COUNTERTOP. SEE 2040S.
- 42 REMOVE PLASTIC LAMINATE COUNTERTOP COMPLETE.
- 43 REMOVE EXTERIOR STUD AND BRICK WALL CONSTRUCTION AS INDICATED / REQUIRED FOR NEW WORK.
- 44 REMOVE EXISTING WINDOWS COMPLETE INCLUDING STOOL.
- 45 REMOVE EXTERIOR BLOCK AND BRICK WALL CONSTRUCTION AS INDICATED / REQUIRED FOR NEW WORK.
- 46 REMOVE PORTION OF GLAZED BLOCK AND PLASTER WALL AS INDICATED. SALVAGE GLAZED BLOCK FOR PATCHING TO REMAIN. COORDINATE EXTENT OF GLAZING REPLACEMENT WITH NEW WORK.
- 47 REMOVE PORTION OF GYPSUM BOARD AND METAL STUD WALL AS REQUIRED FOR INSTALLATION OF NEW DOOR OR BORROWED LITE.
- 48 EXISTING STRUCTURE TO BE SELECTIVELY REMOVED - REFER TO STRUCTURAL DRAWINGS.
- 49 DEMO EXISTING RAPIDEX ELEVATED FLOOR STRUCTURE COMPLETE.
- 50 SEE MEP DRAWINGS FOR SYSTEMS DEMO/DISCONNECT.
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- 52 REMOVE EXISTING WALL LADDER WITH ROOF HATCH ABOVE. CAP ROOF HATCH PERMANENTLY WITH WEATHERTIGHT INSULATED METAL CAP AT ROOF.
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- 54 REMOVE PORTION OF EXISTING EXTERIOR METAL STUD WITH BRICK VENEER AND CAST STONE TRIM WALL AS REQUIRED FOR NEW DOOR AND FRAME. REMOVE WALL TO MINIMUM 2" BELOW FLOOR SLAB. PATCH AND REPAIR SLAB TO LIKE-NEW CONDITION LEVEL AND FLUSH TO MATCH ADJACENT SLAB.
- 55 REMOVE EXISTING ALUMINUM DOOR AND FRAME. PREPARE OPENING IN WALL FOR INSTALLATION OF NEW ALUMINUM DOOR AND FRAME TO MATCH EXISTING.
- 56 REMOVE EXISTING STOVE-TOP COMPLETE.
- 57 REMOVE EXISTING PLASTIC LAMINATE CASEWORK AND ALL ACCESSORIES, INCLUDING BUT NOT LIMITED TO COUNTERTOPS, FILLER PANELS, TRIM, FASTENERS, ACCESSORIES, ETC.
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- 63 AT STORYTELLING AREA, REMOVE CARPET, VINYL TRIM, VINYL WALLCOVERING, PLASTIC LAMINATE TOPS AT STEEPED WALLS AND COUNTERTOPS, AND PORTION OF EXISTING GYPSUM BOARD CEILING AS REQUIRED FOR NEW WORK. SKYLIGHTS TO REMAIN.
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- 66 DEMOLISH FASCIA, SOFFIT, AND GRAVEL STOP COMPLETE. DEMO PORTION OF EXISTING DECK TO EXTENT SHOWN ON STRUCTURAL PLANS AND AS REQUIRED BY NEW WORK.
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- 68 CAREFULLY REMOVE EXISTING CABINET UNIT HEATER AS REQUIRED TO INSTALL NEW FINISHES AND REINSTALL IN SAME LOCATION.
- 69 CAREFULLY REMOVE EXISTING DISPLAY CASE AS REQUIRED TO INSTALL NEW FINISHES AND REINSTALL IN SAME LOCATION.
- 70 GRIND DOWN/REMOVE PORTION OF EXISTING CONCRETE FLOOR SLAB (APPROX. 3/8") AS REQUIRED TO INSTALL NEW EPOXY TERRAZZO TO BE FLUSH WITH AND TO MATCH EXISTING TERRAZZO. SEE 4800 SERIES FOR TERRAZZO PATCH.
- 71 REMOVE PORTION OF MASONRY WALL AS INDICATED MIN. 8" BELOW FINISH FLOOR FOR NEW OPENING UP TO 7'-4" A.F.F. INSTALL NEW EPOXY TERRAZZO TO BE FLUSH WITH AND TO MATCH EXISTING TERRAZZO WHERE APPLICABLE.
- 72 CUT CHANNEL IN DRYWALL FOR CONDENSATE DRAIN LINE. PATCH AND REPAIR AS REQUIRED TO MATCH EXISTING AND PREP FOR NEW FINISH. SEE MECHANICAL.
- 73 REMOVE CERAMIC MOSAIC TILE COMPLETE.
- 74 REMOVE LVT COMPLETE.



KEYPLAN

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PROJECT:
MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a substitute for the design of structural, mechanical and electrical systems. The drawings are not intended to be a substitute for the design of the project. The drawings are not intended to be a substitute for the design of the project.

REVISIONS:
2 ADDENDUM #2 08-12-22

ISSUE DATE 07/25/22 DRAWN BY NTC CHECKED BY CAM

DRAWING TITLE:
FIRST FLOOR
DEMOLITION
PLAN - UNITS B,
C, AND
MEZZANINE

CERTIFIED BY:
ROBERT J. LUK
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
AD201BC

PROJECT NUMBER
2021054



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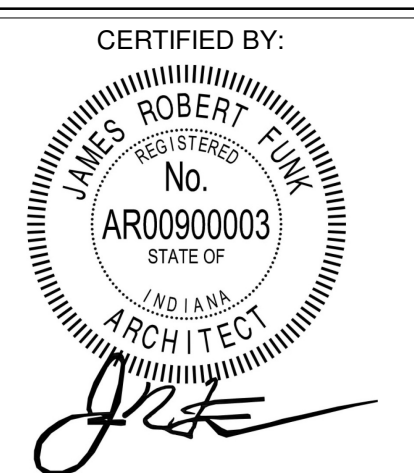
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8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project and are not intended to be used for the construction of any building. The design is preliminary and subject to change without notice. The design is not intended to be used for the construction of any building. The design is not intended to be used for the construction of any building.

REVISIONS:
2 ADDENDUM #2 08-12-22

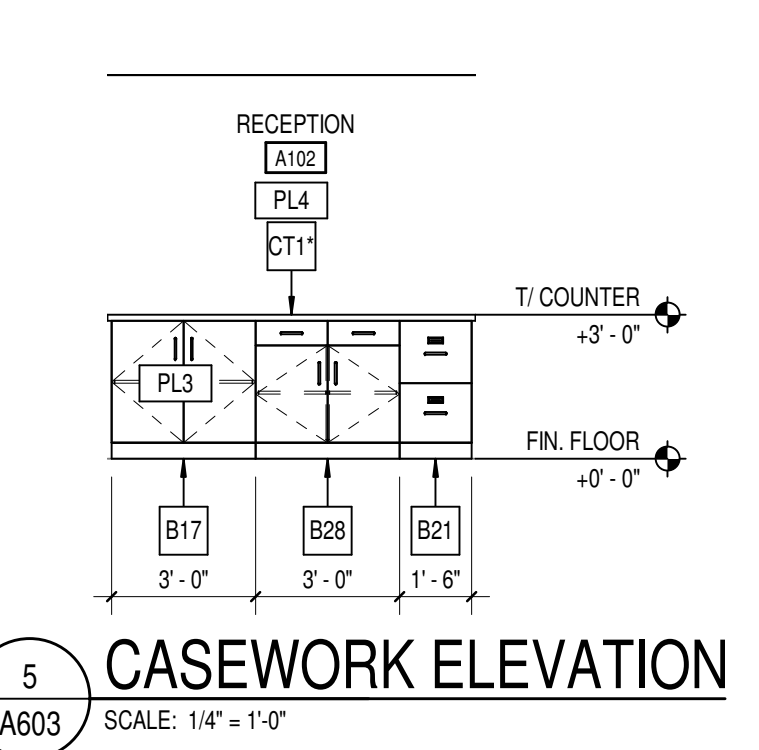
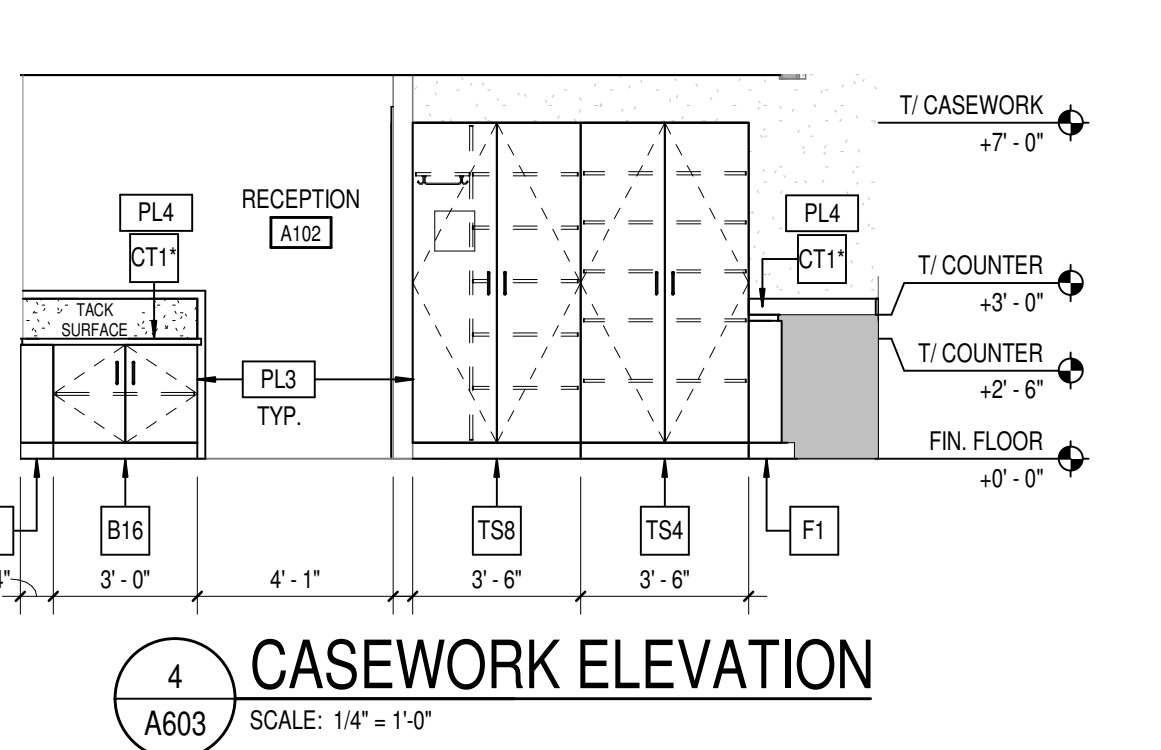
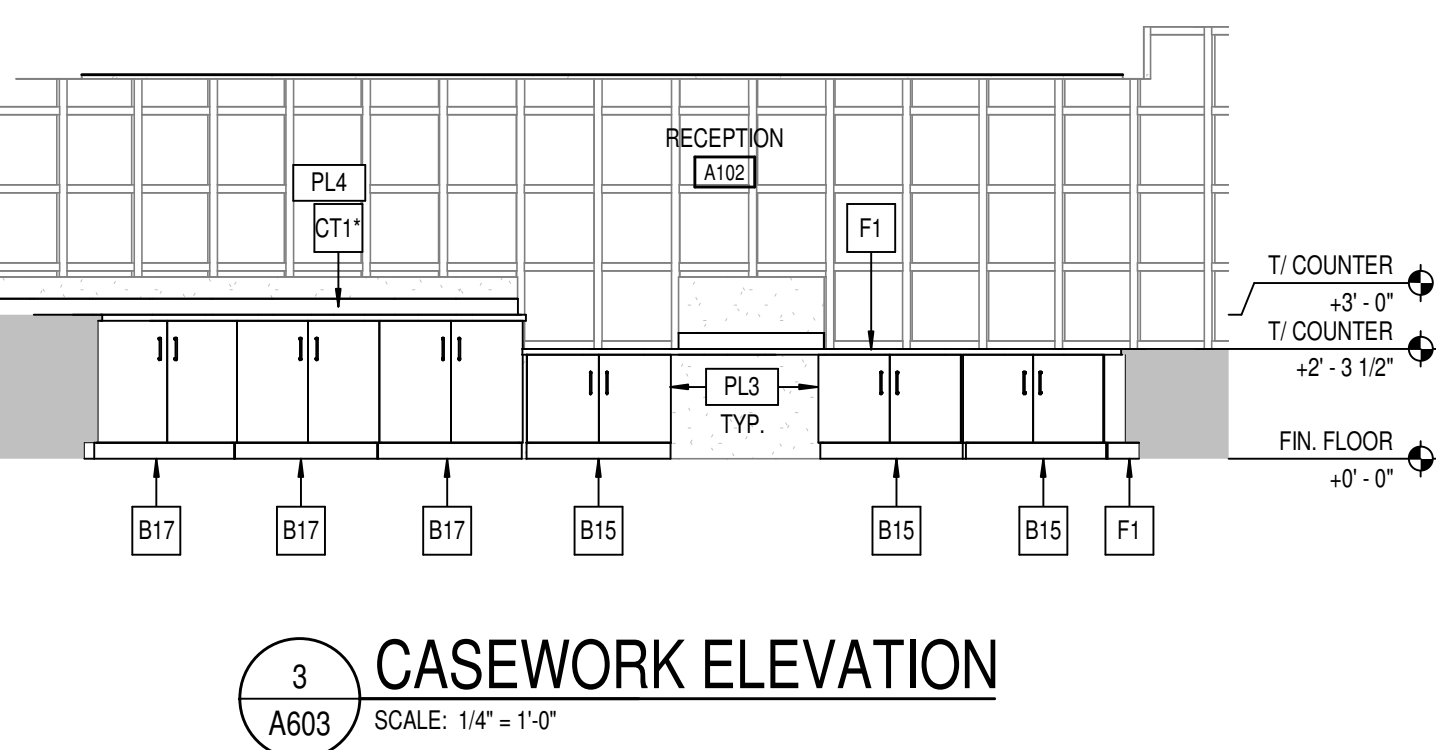
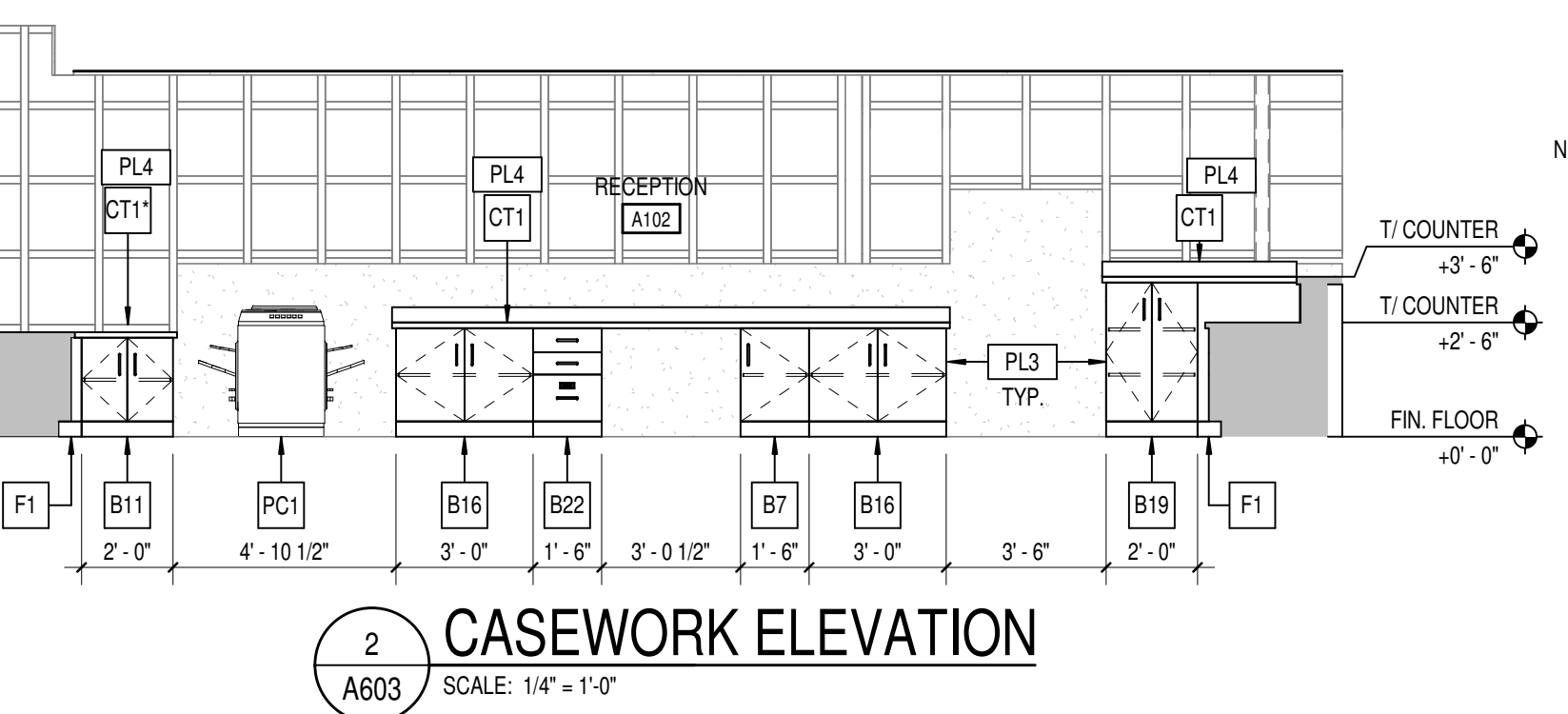
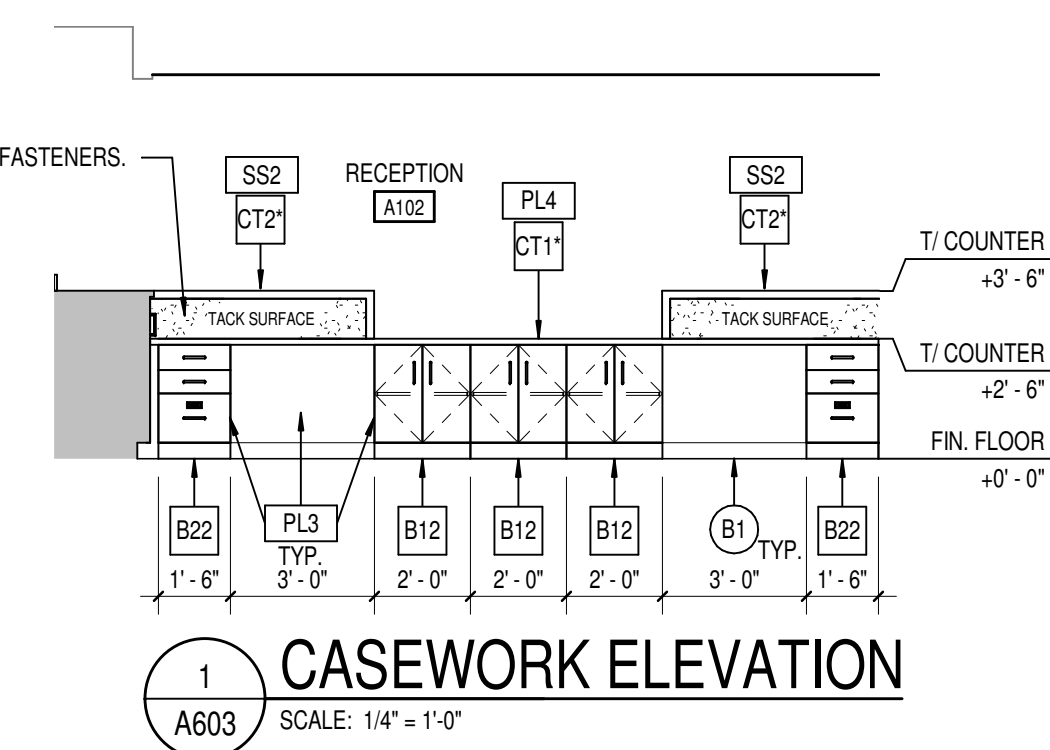
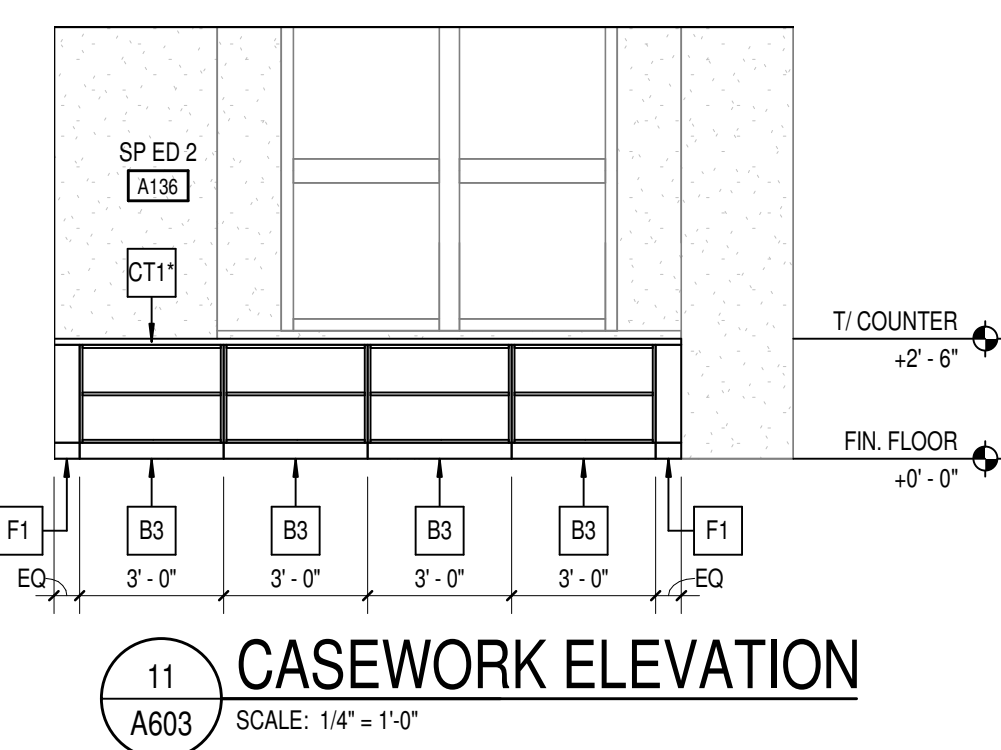
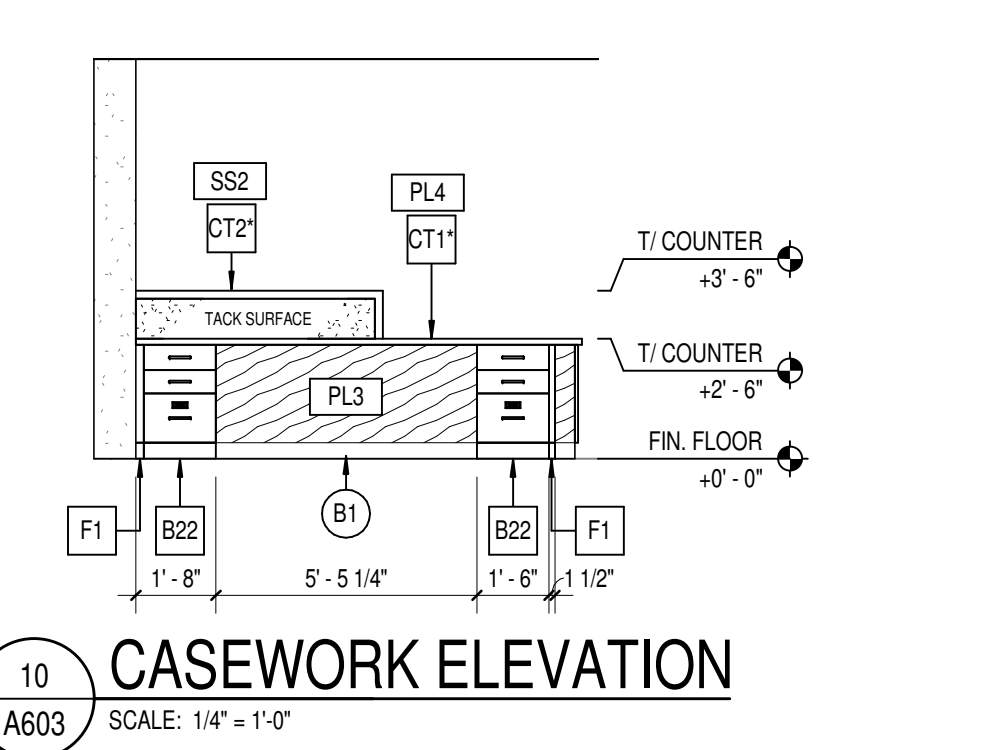
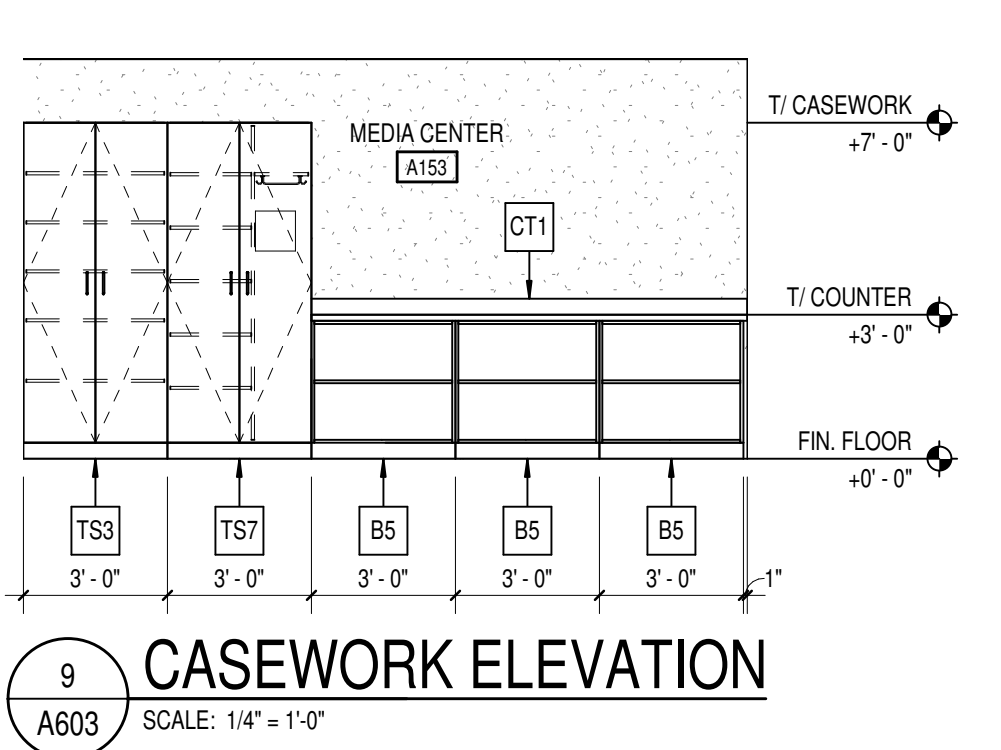
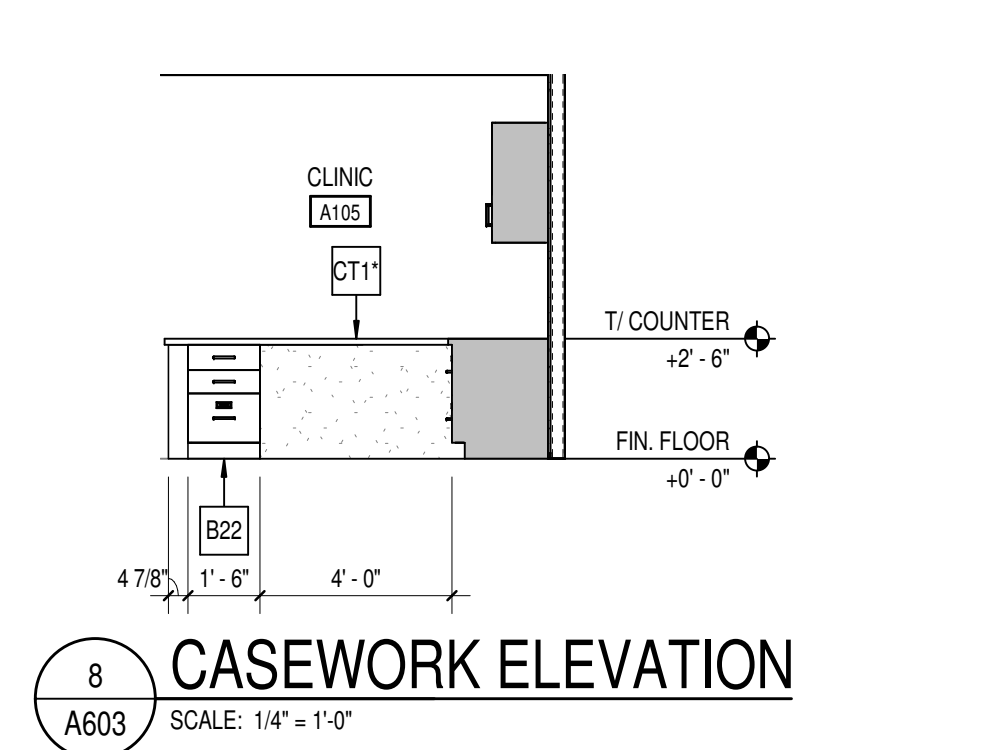
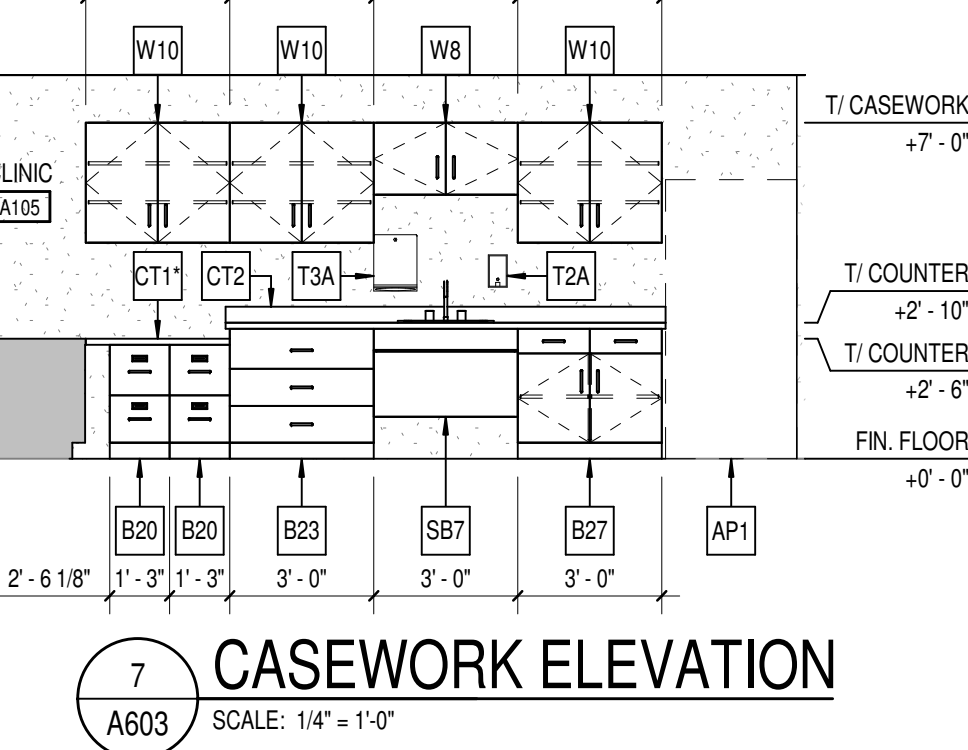
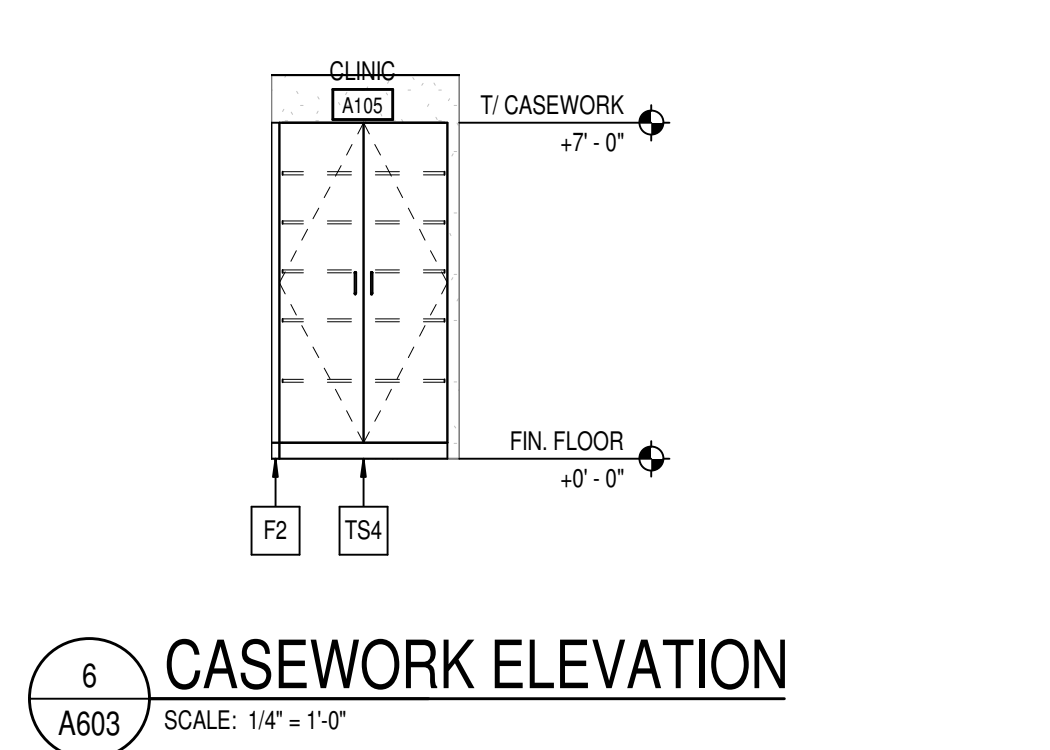
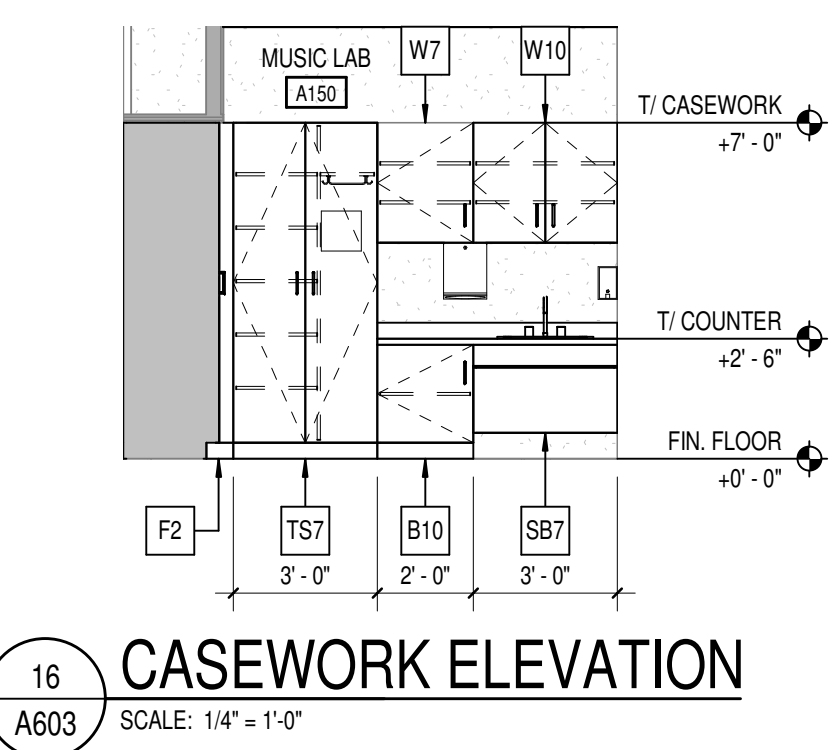
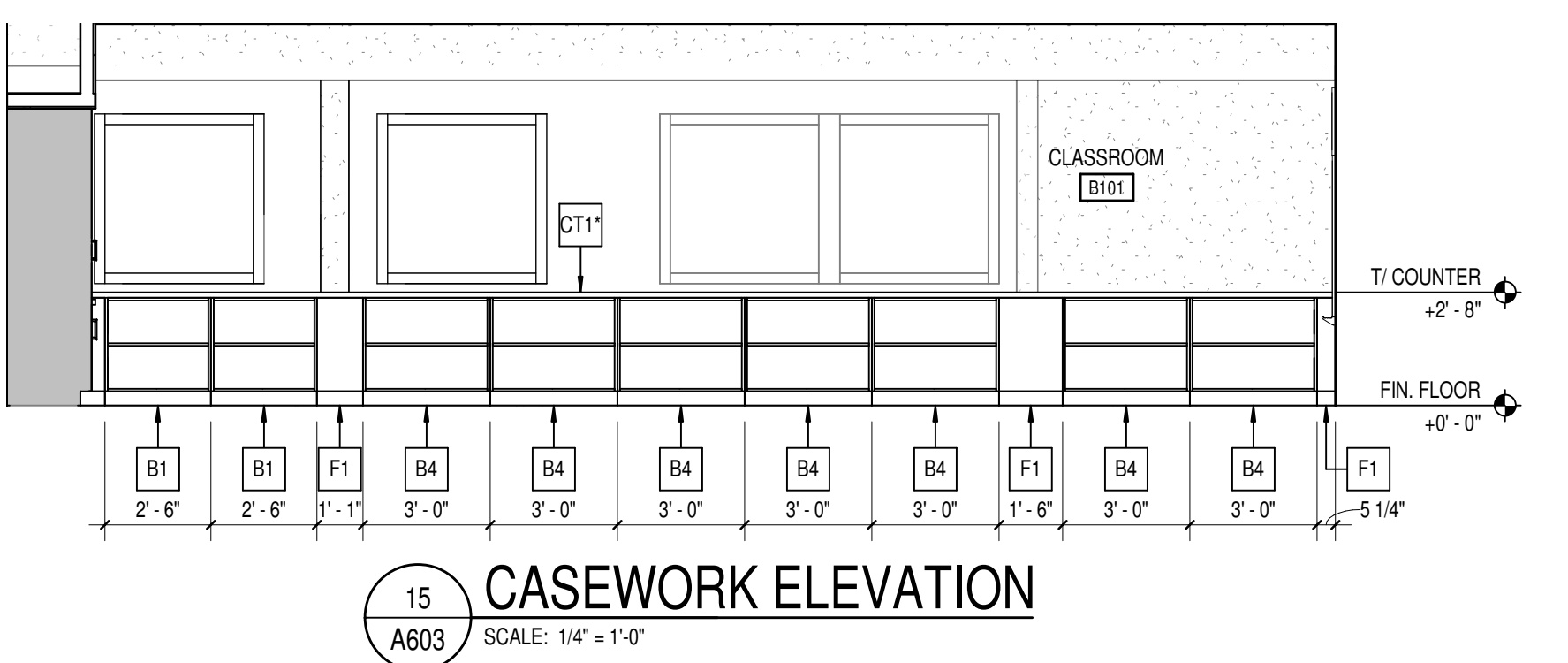
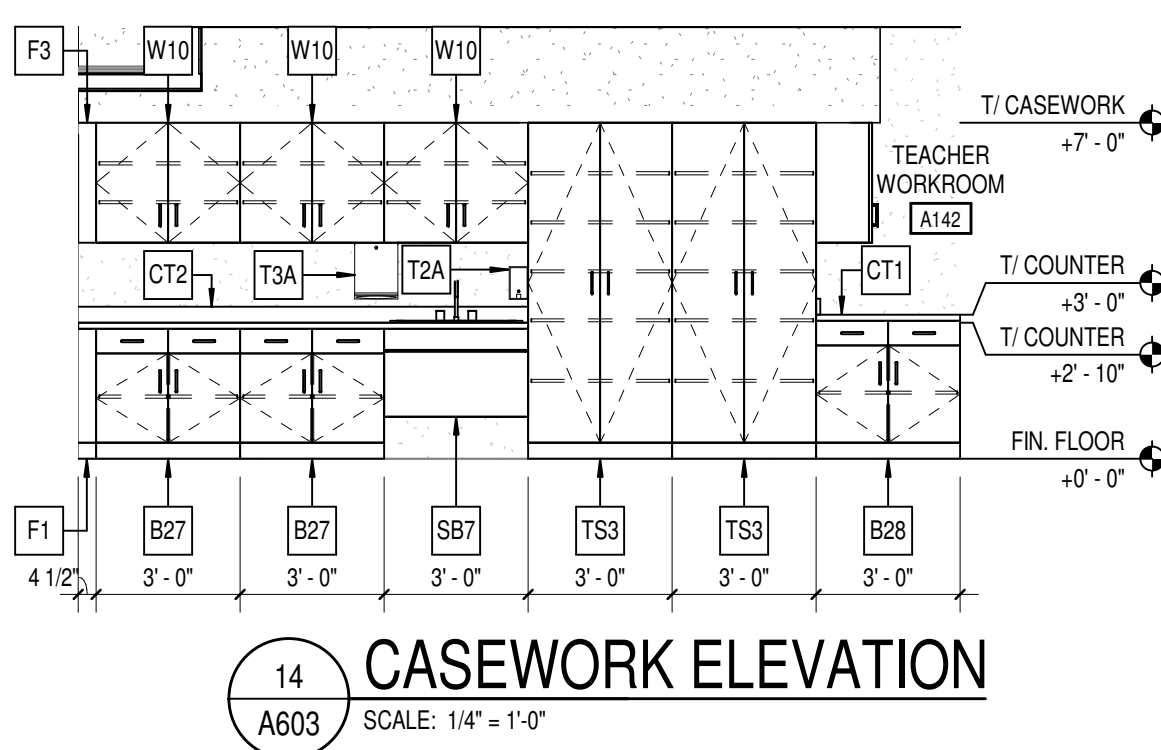
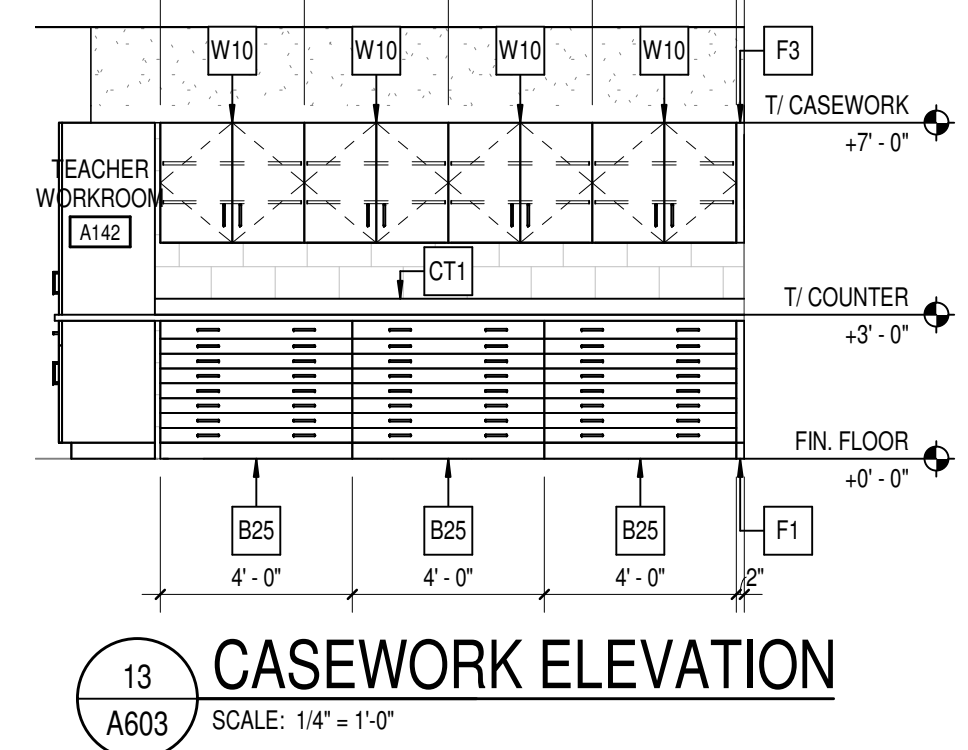
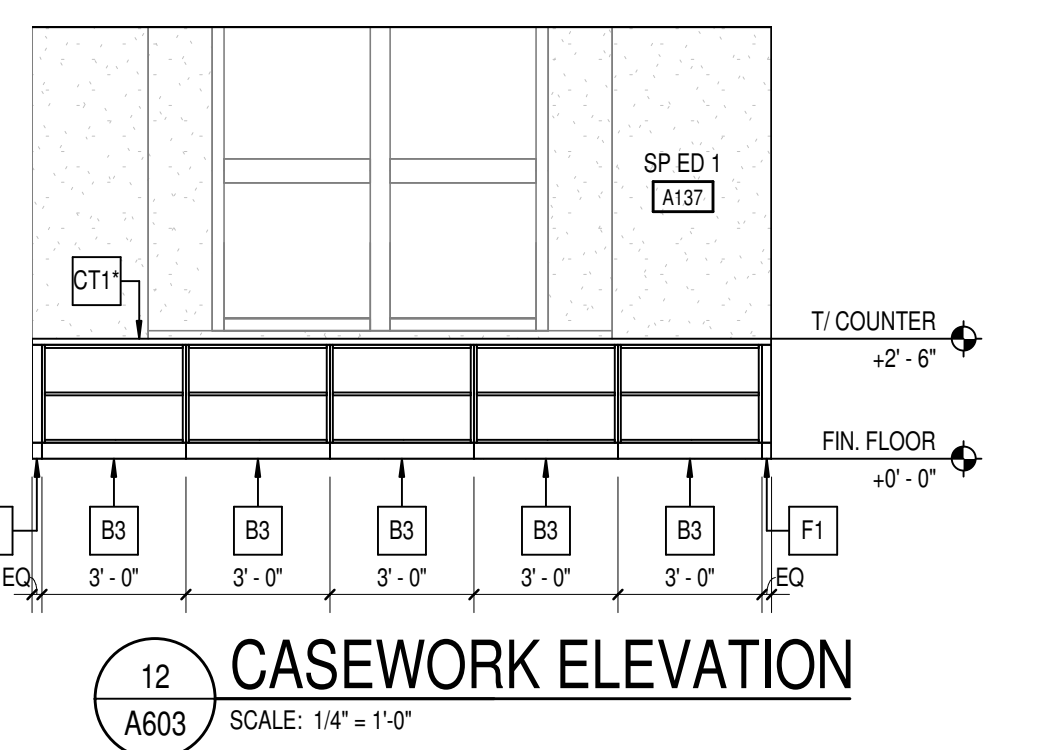
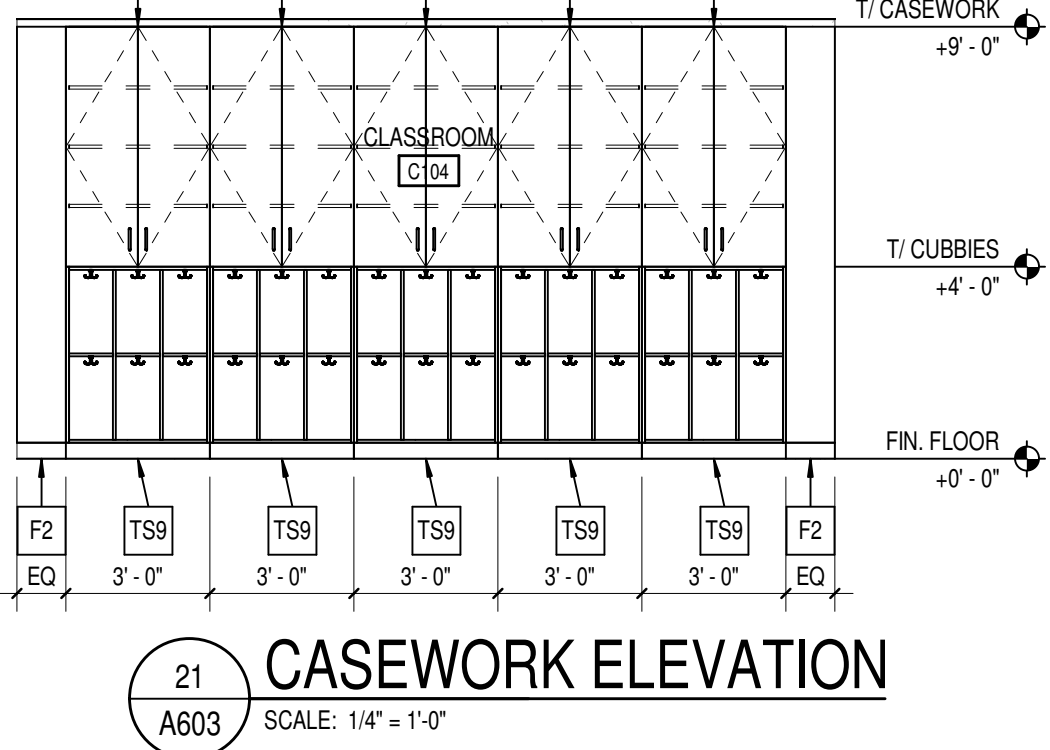
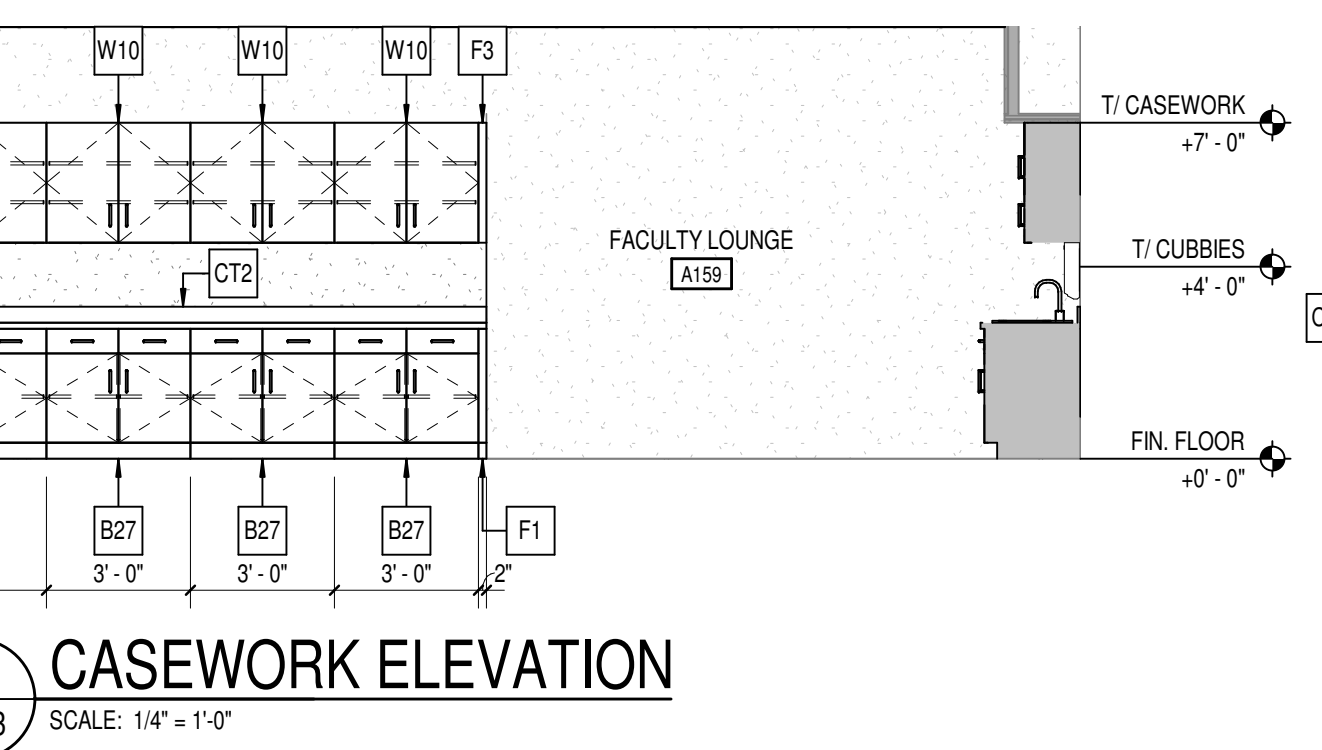
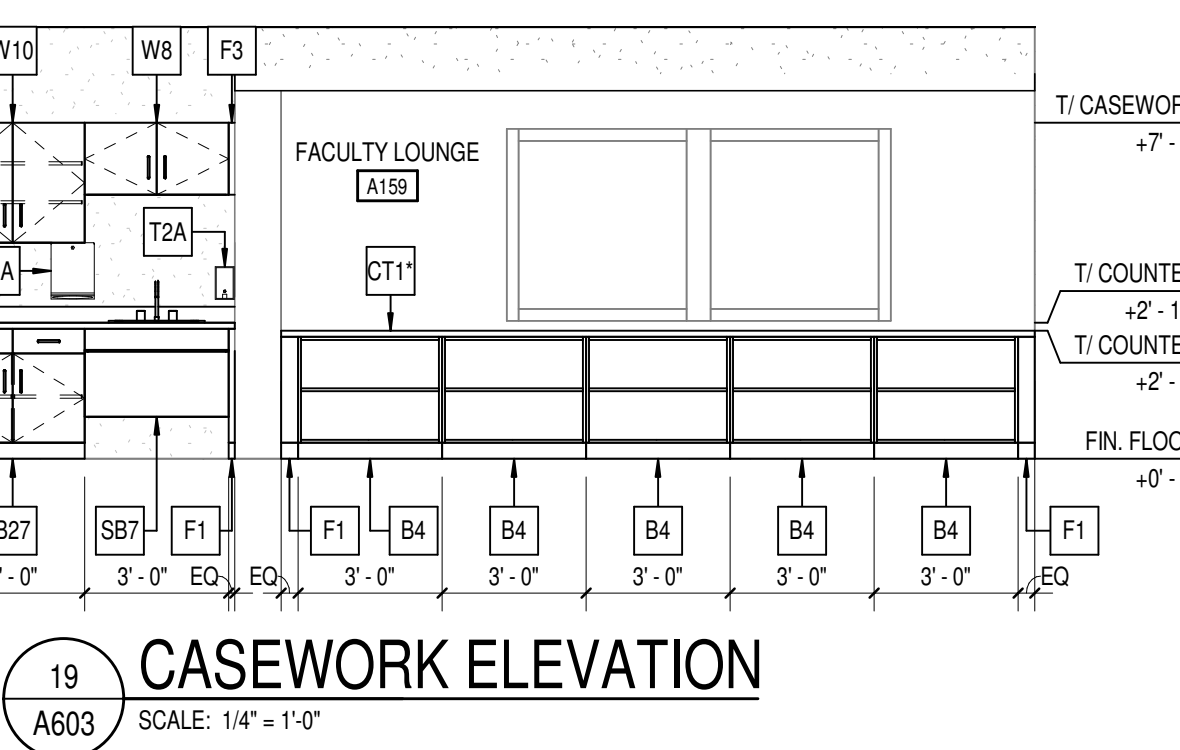
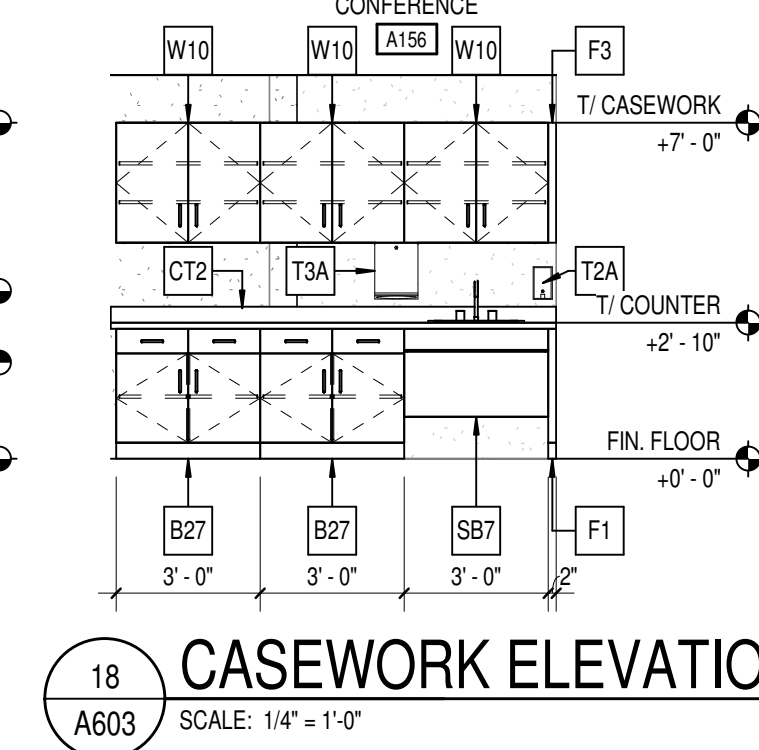
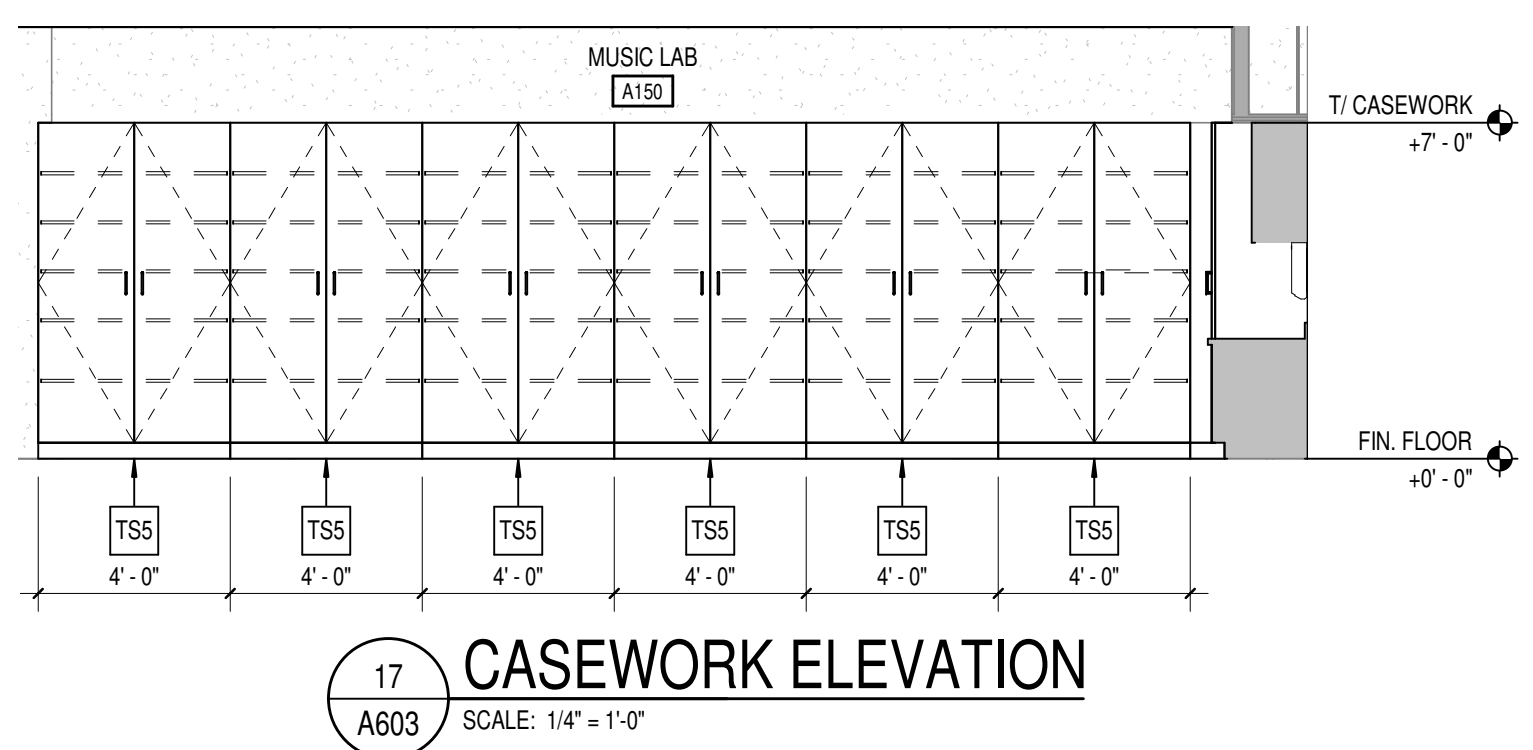
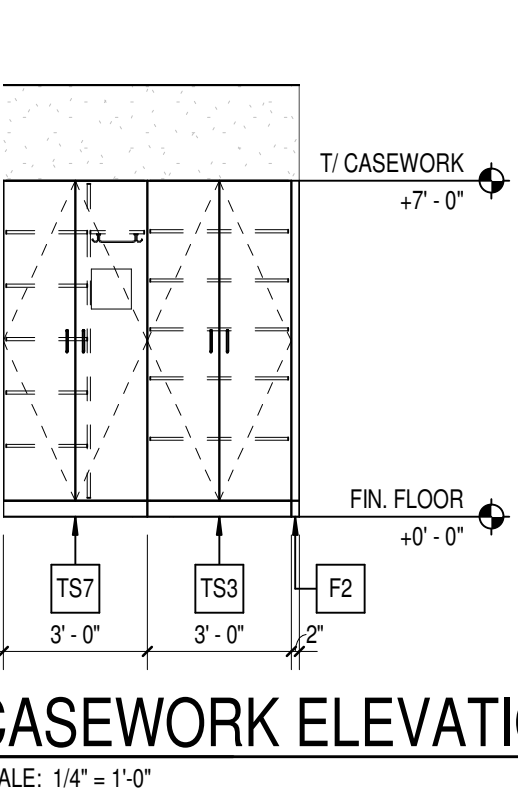
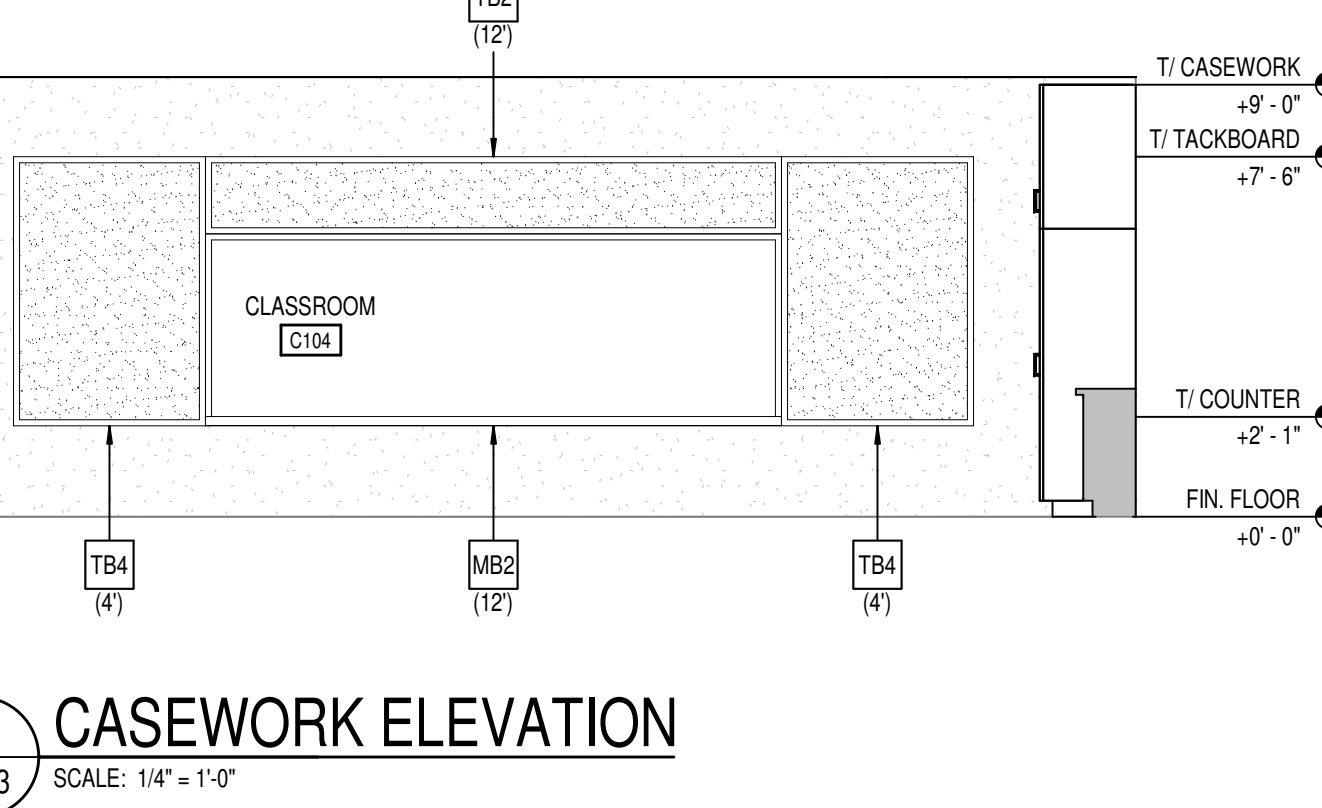
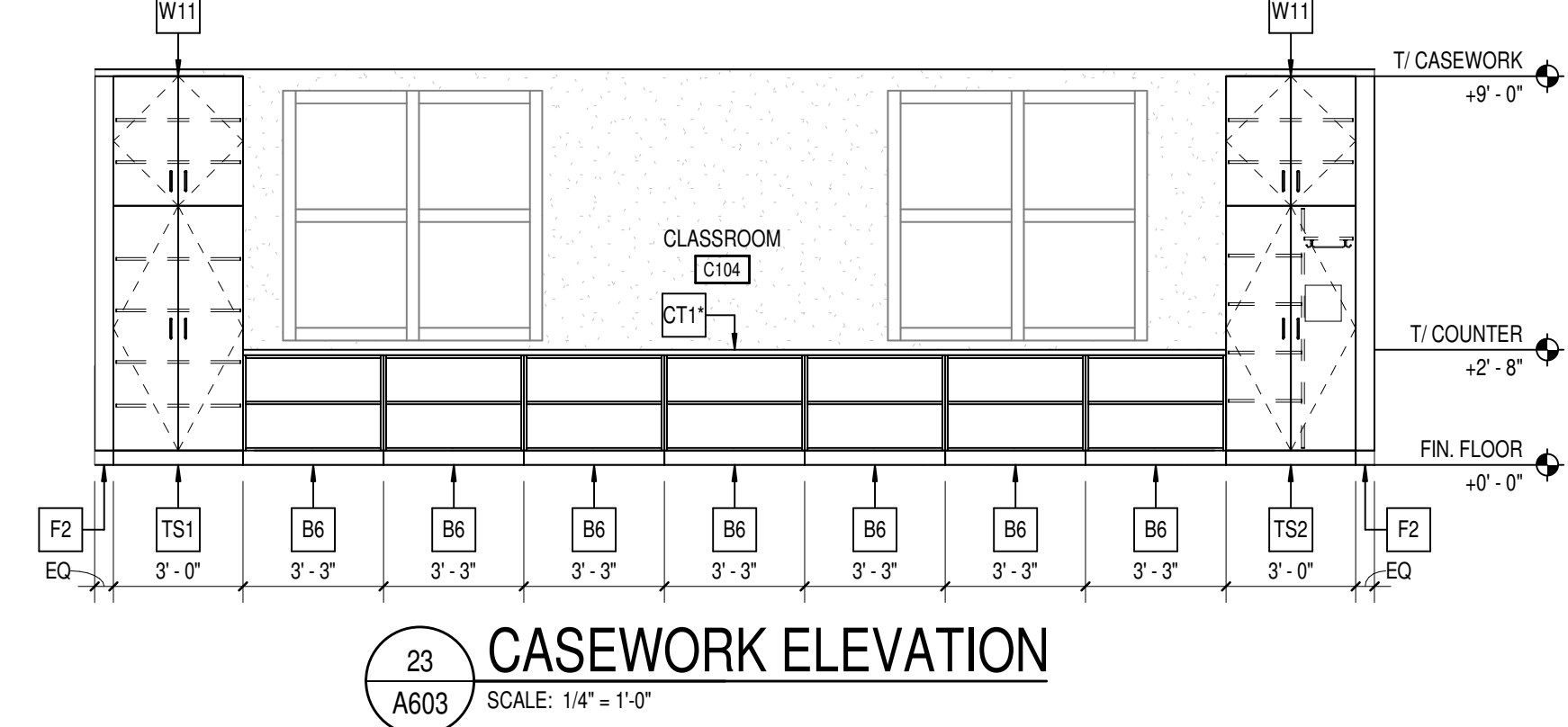
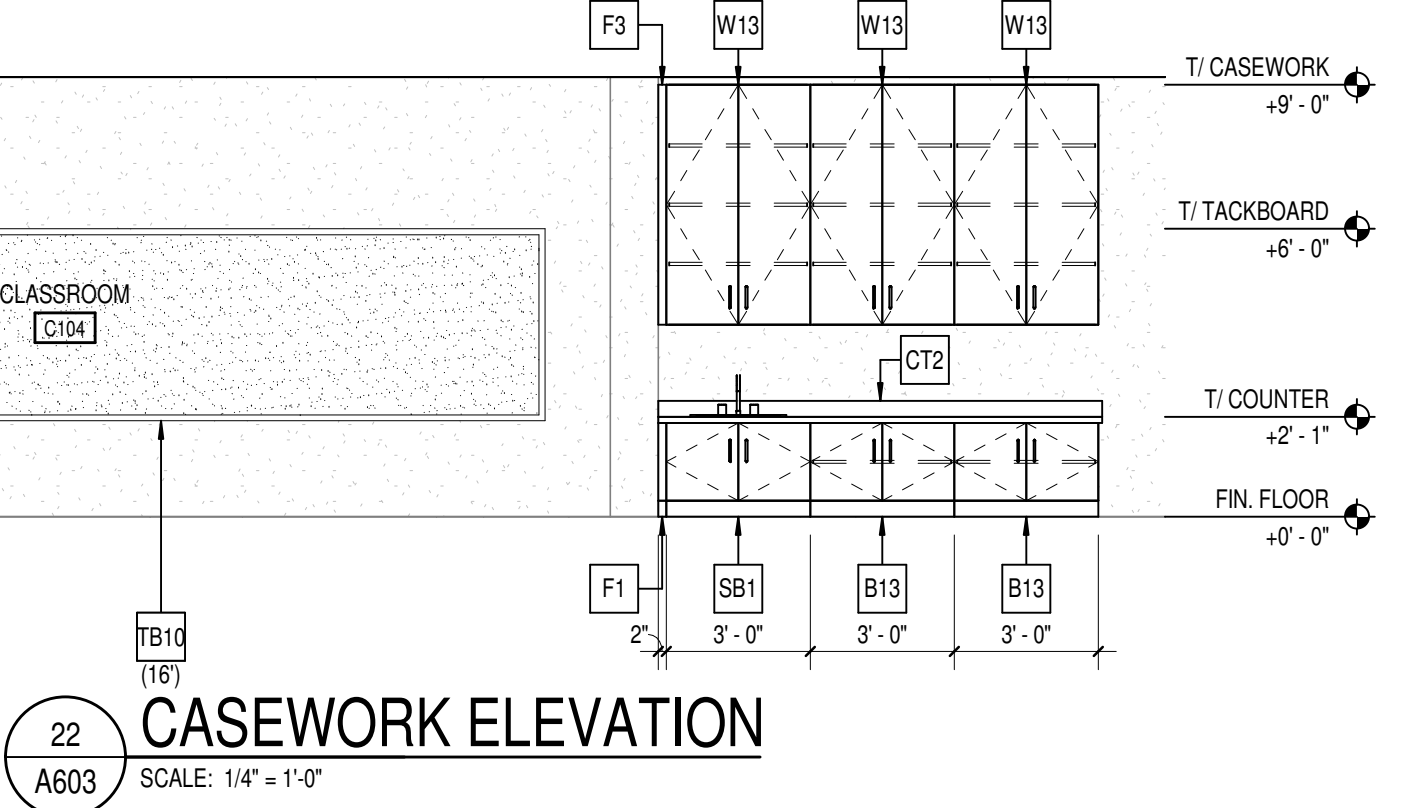
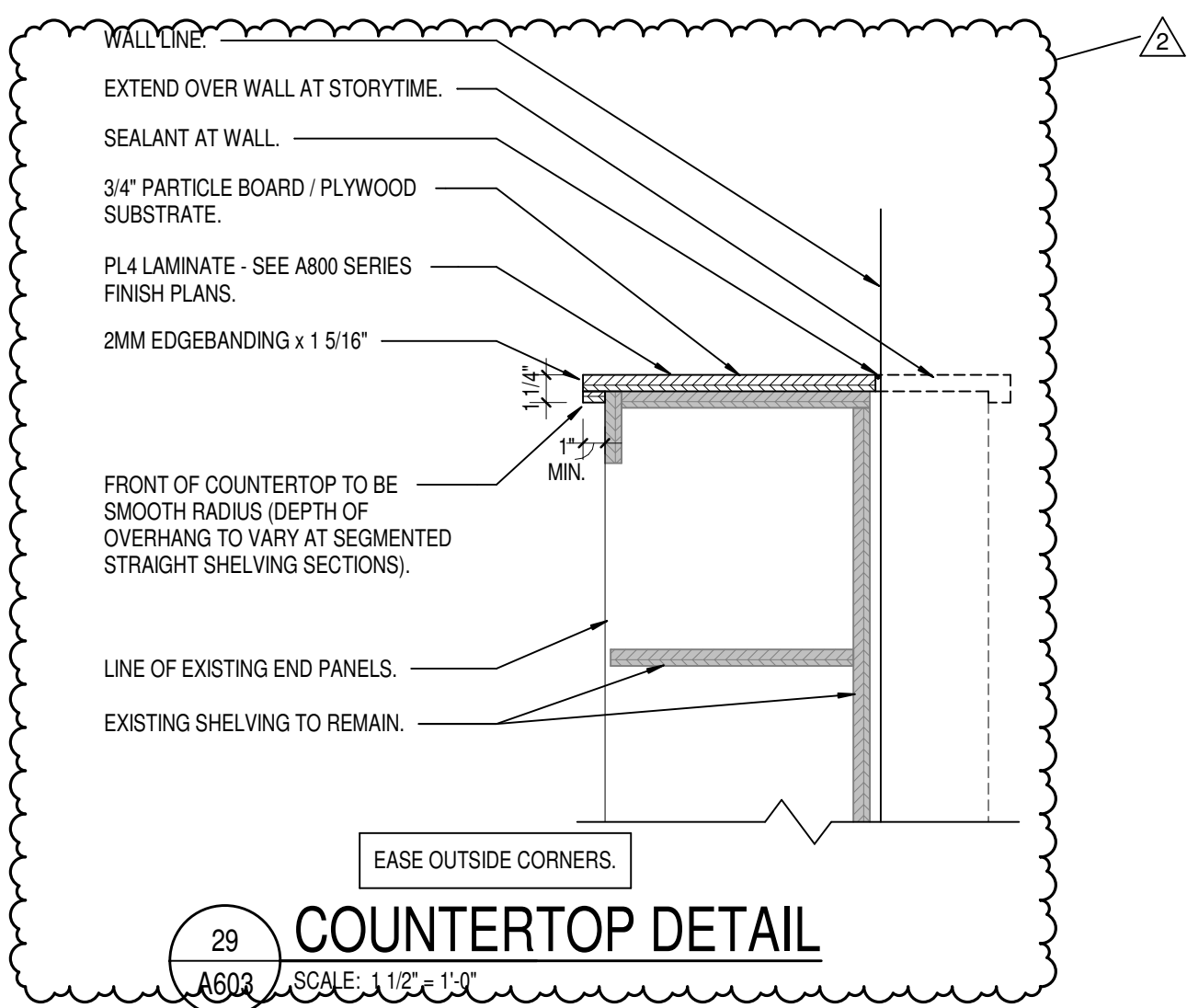
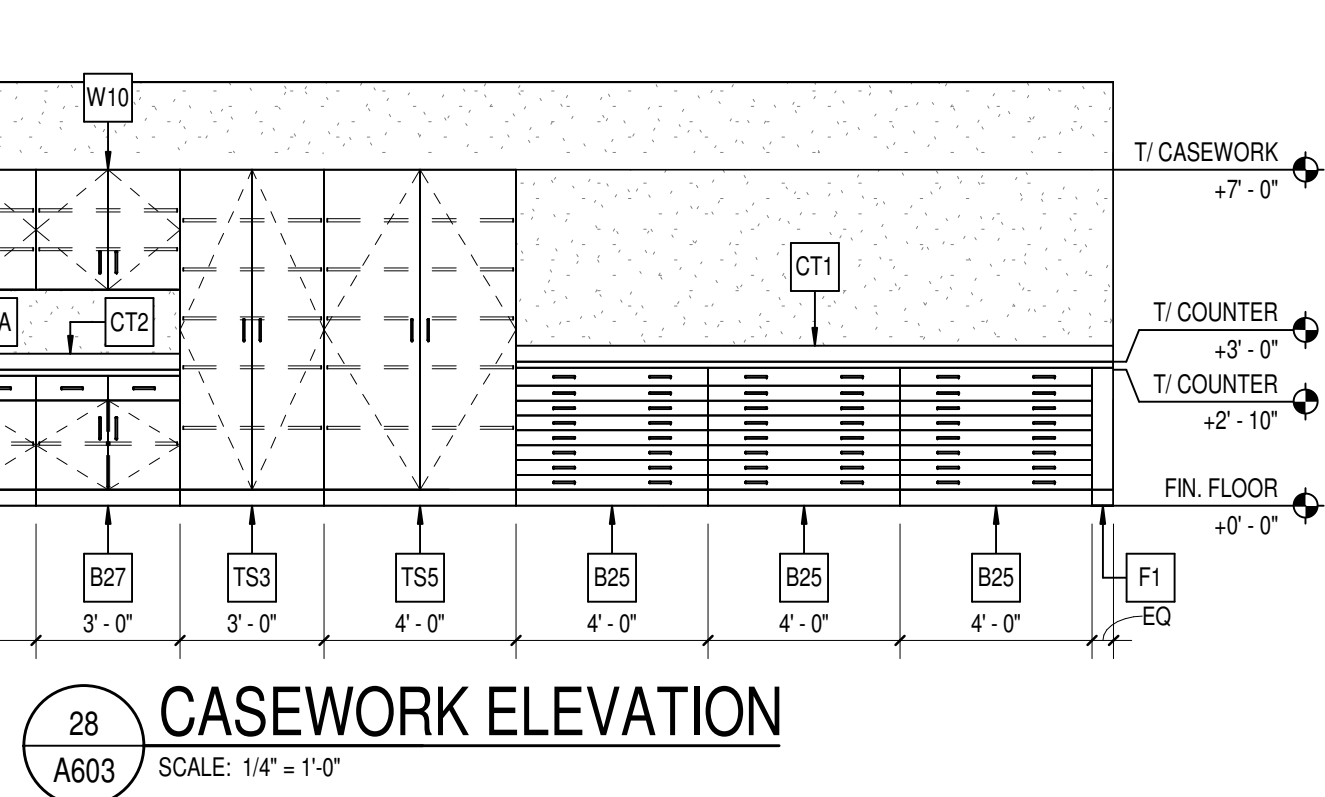
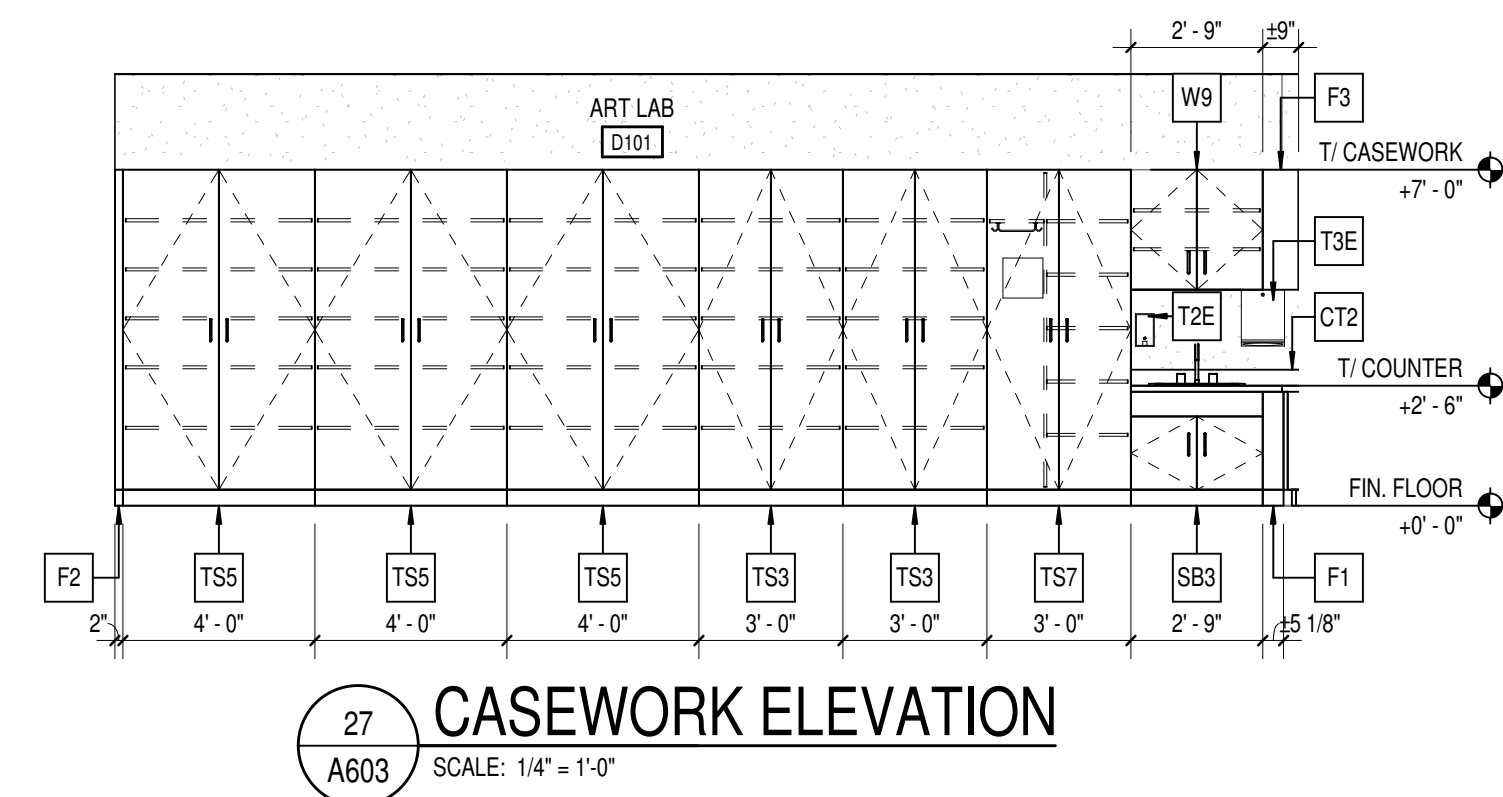
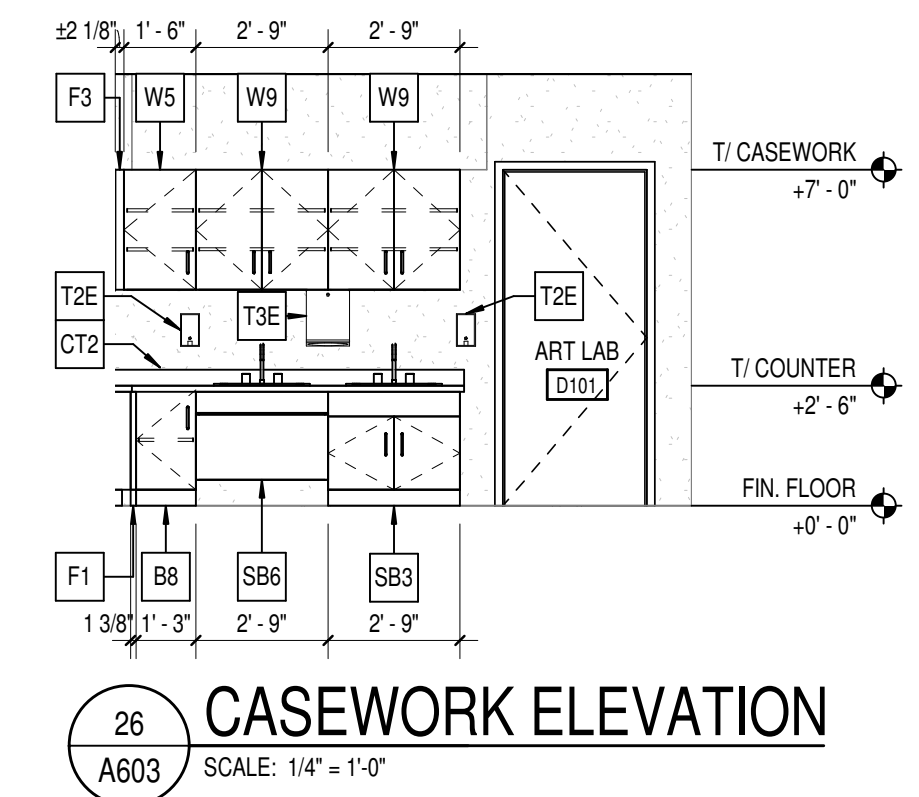
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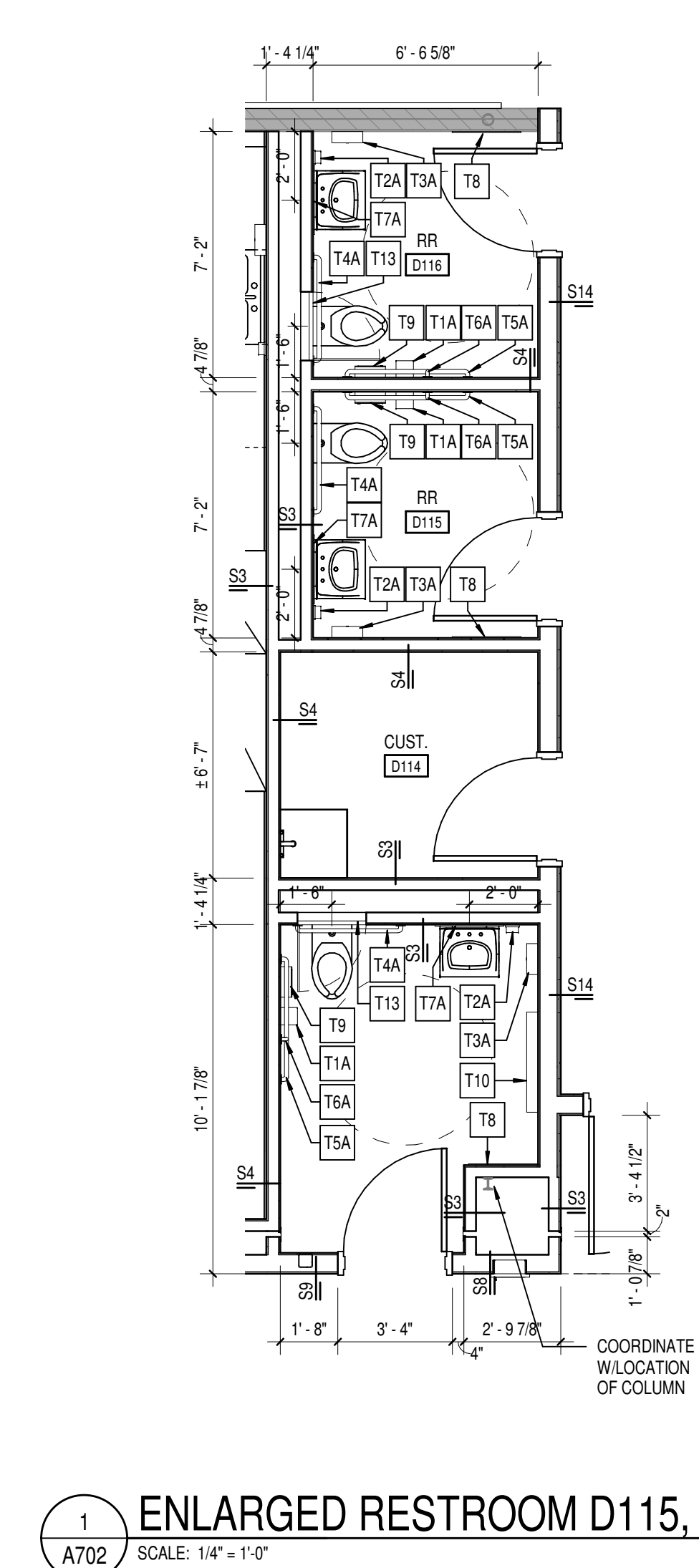
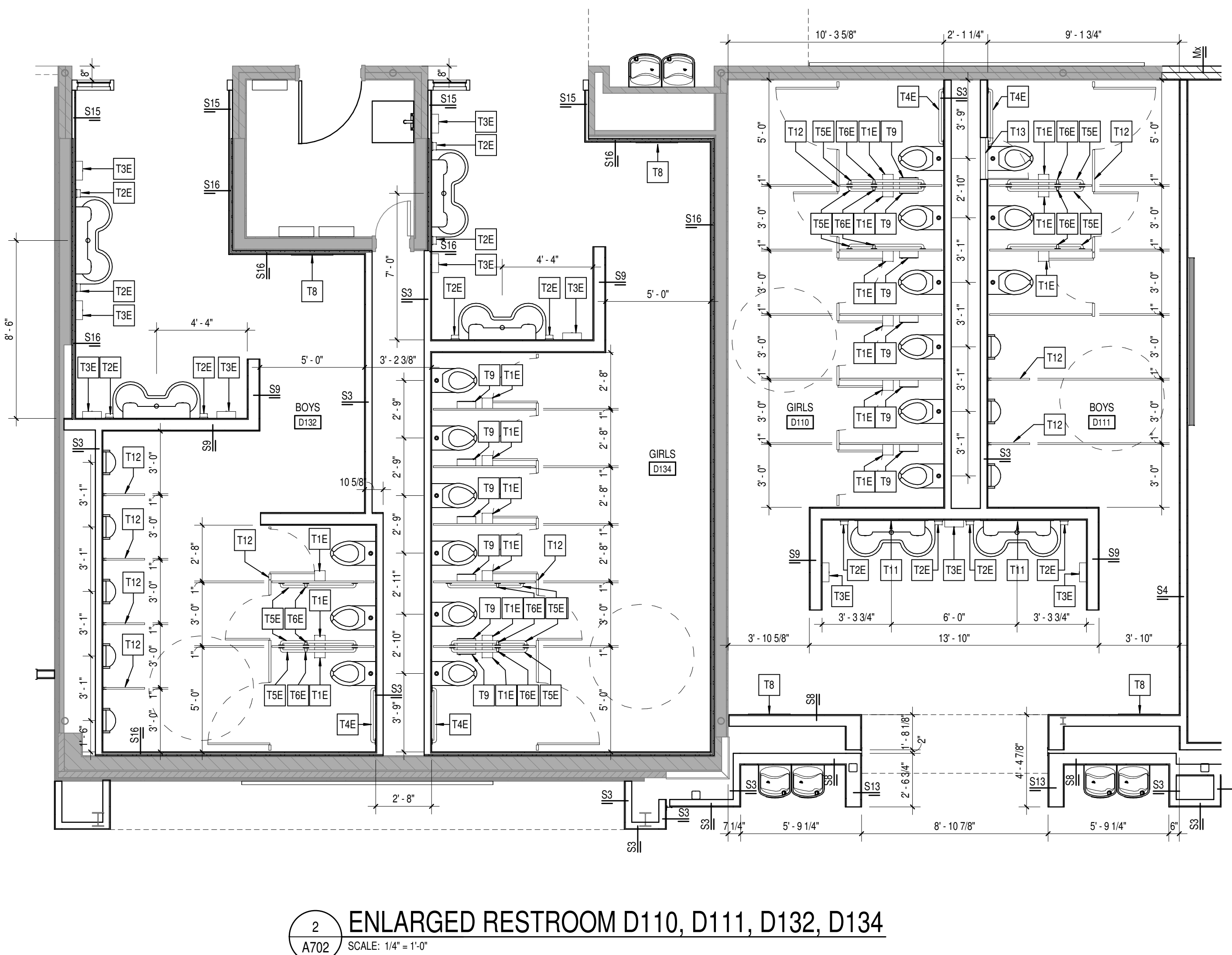
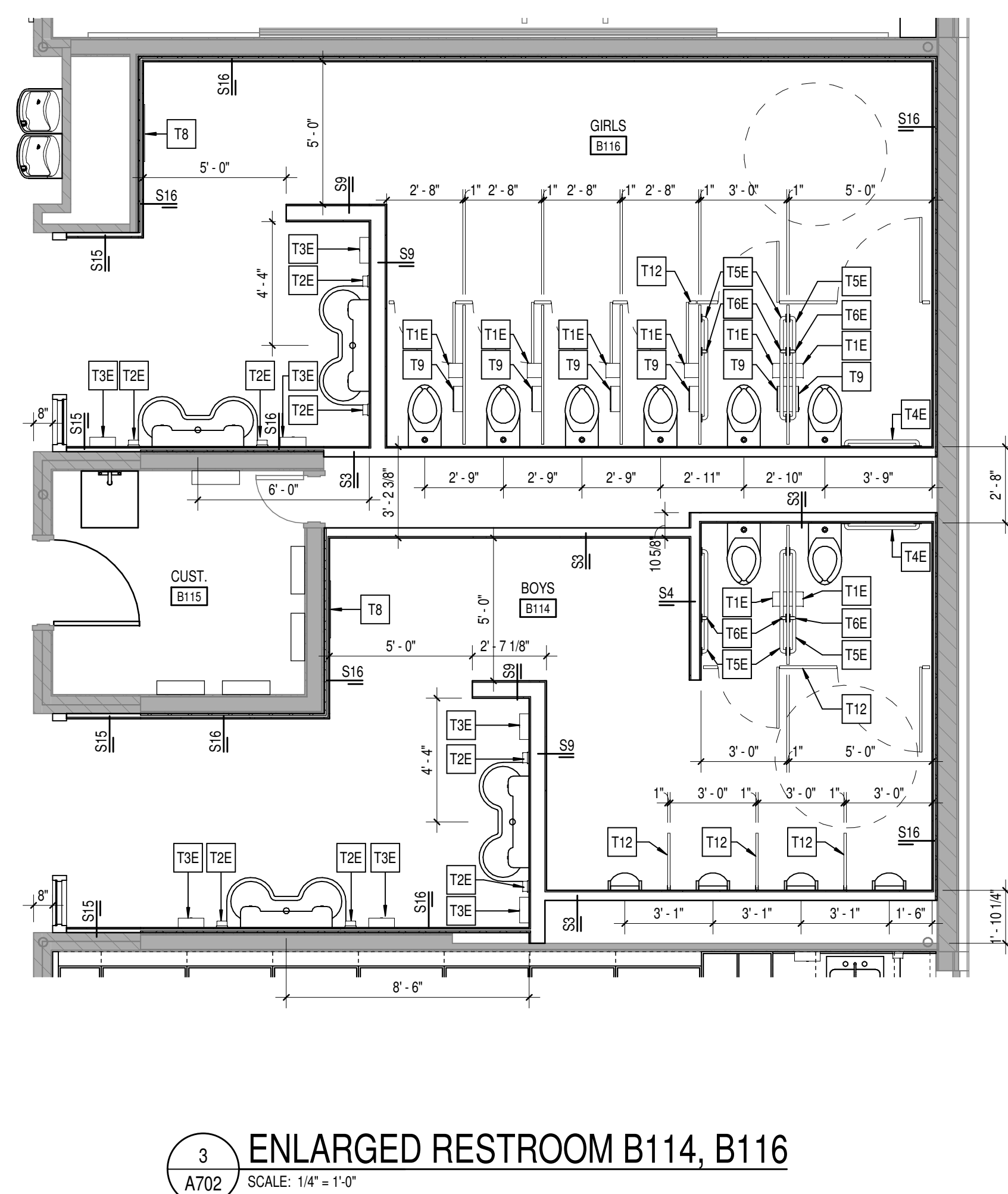
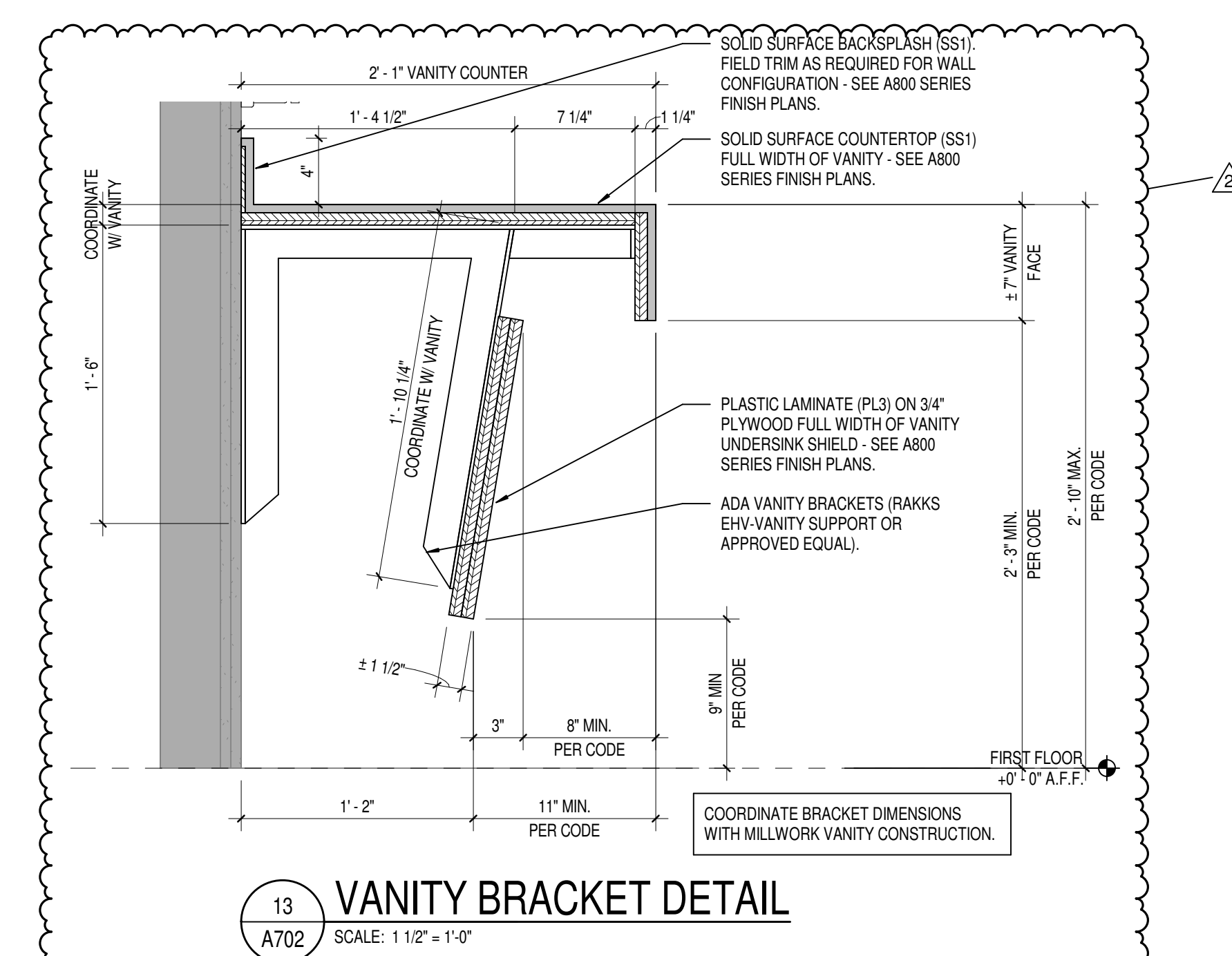
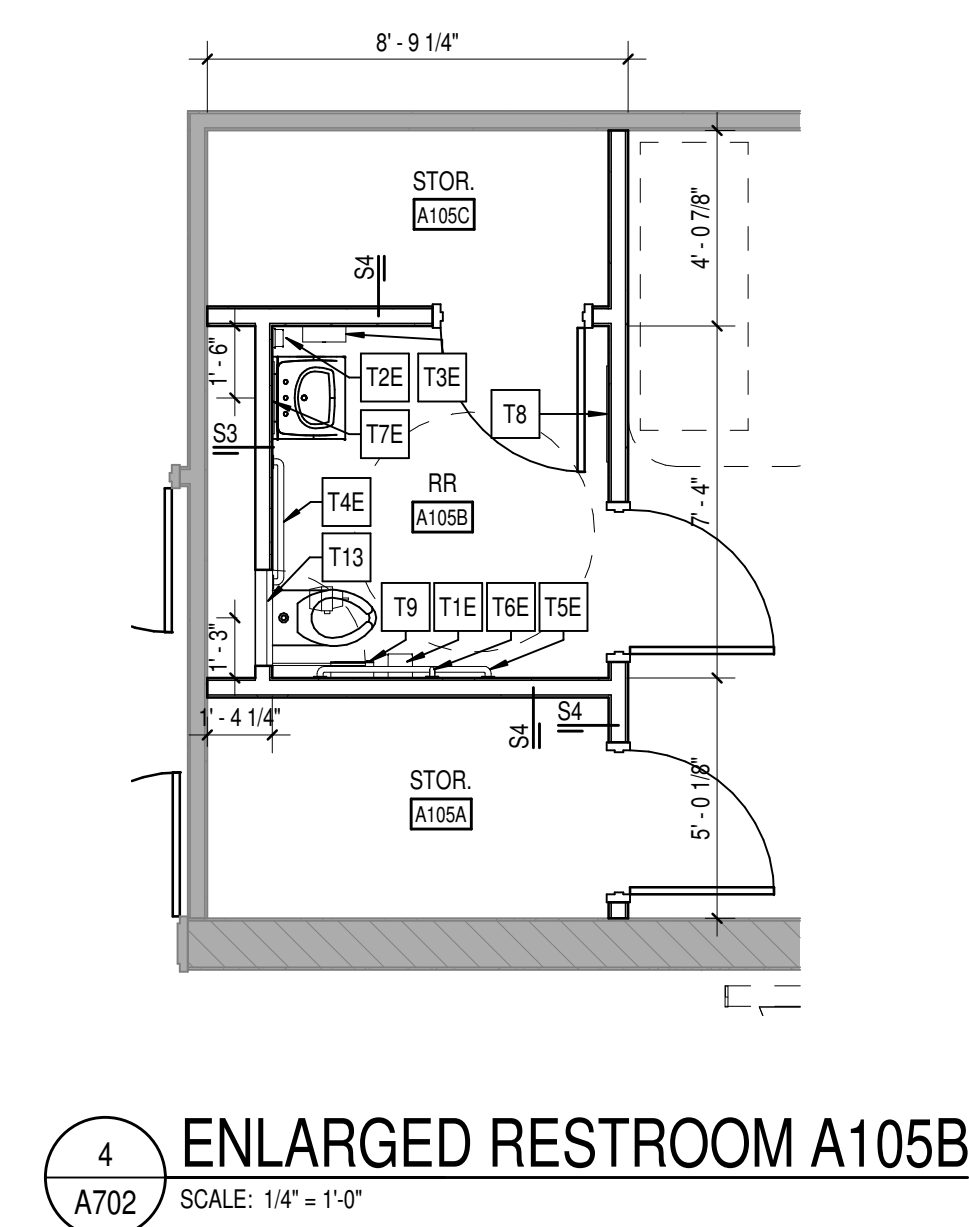
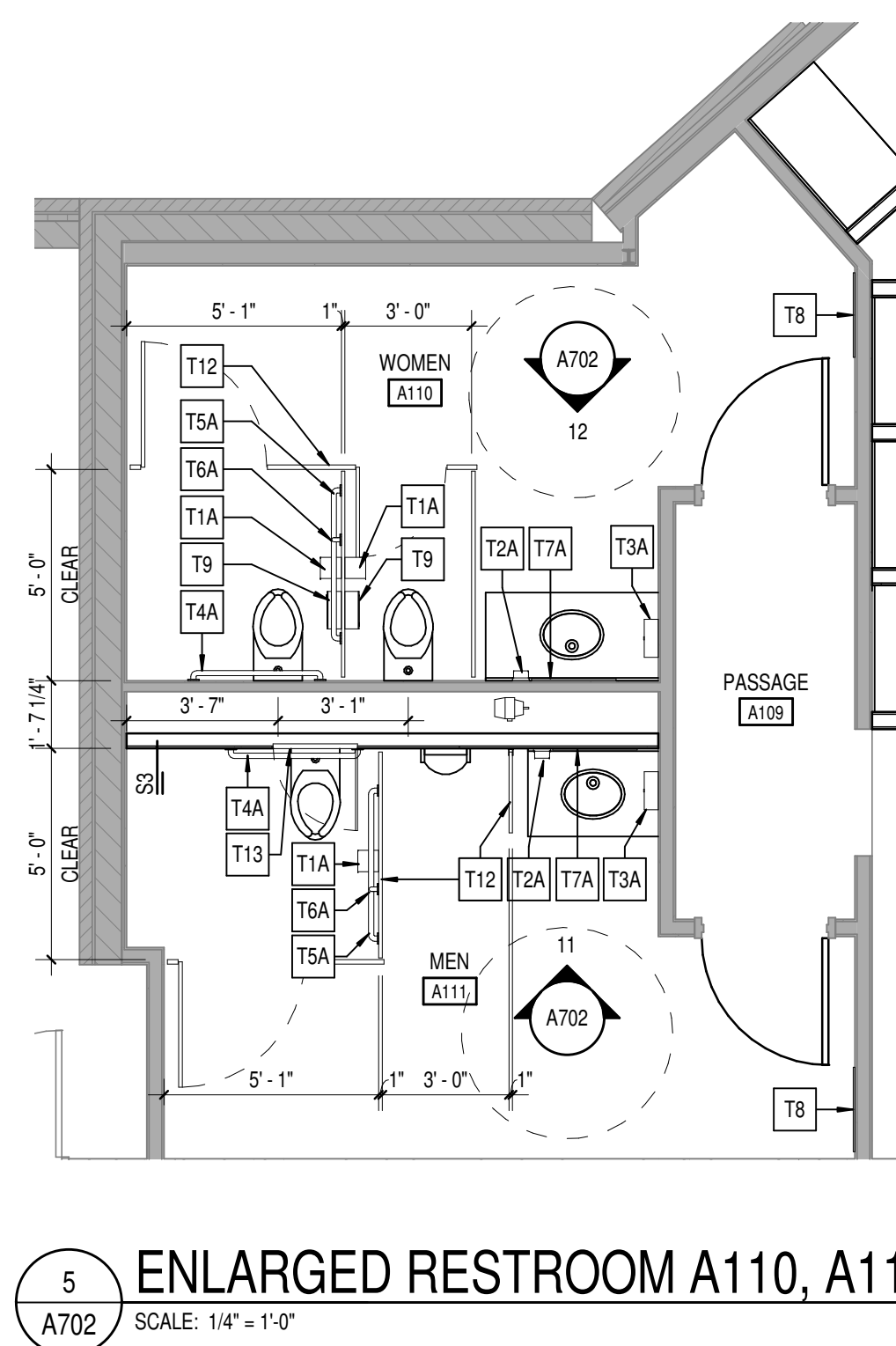
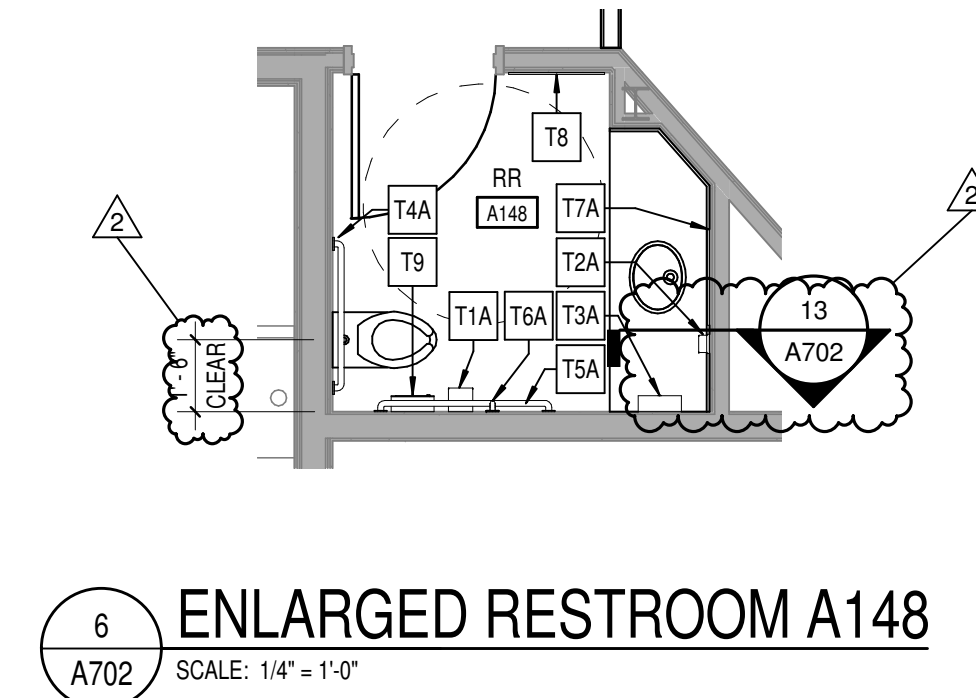
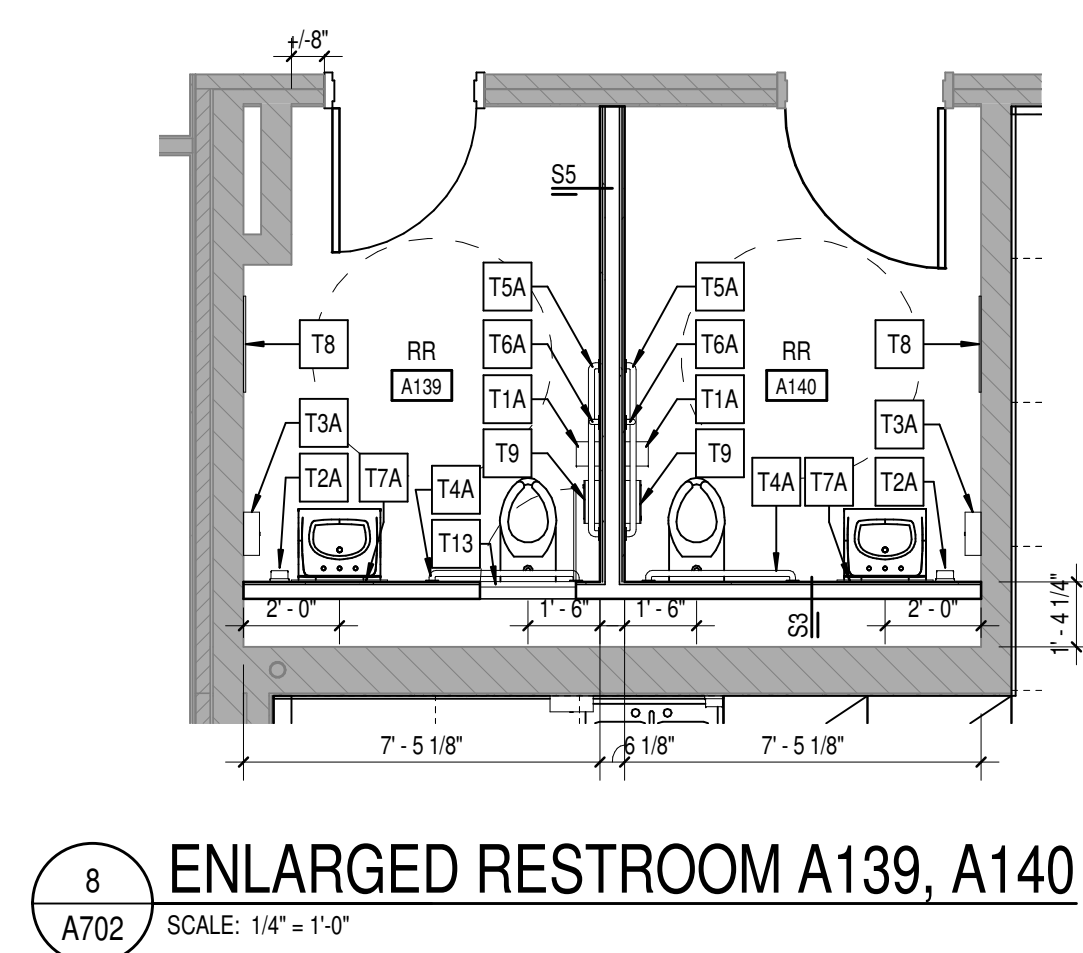
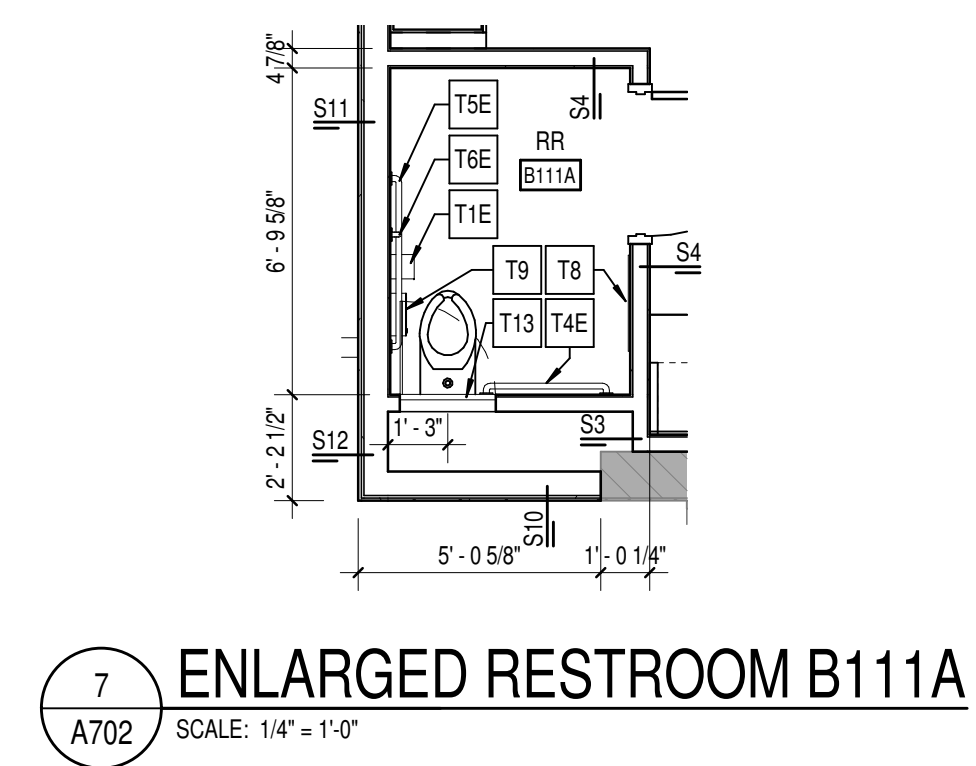
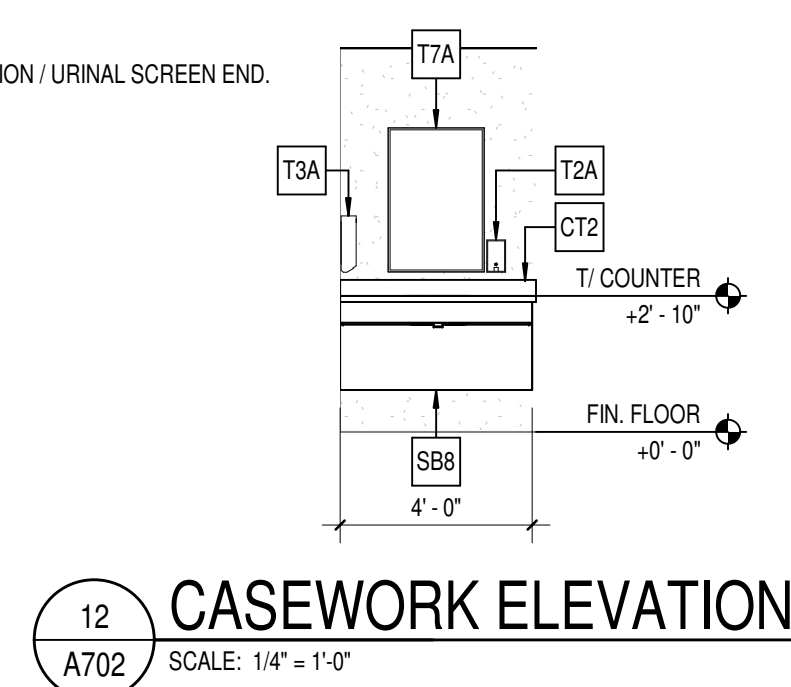
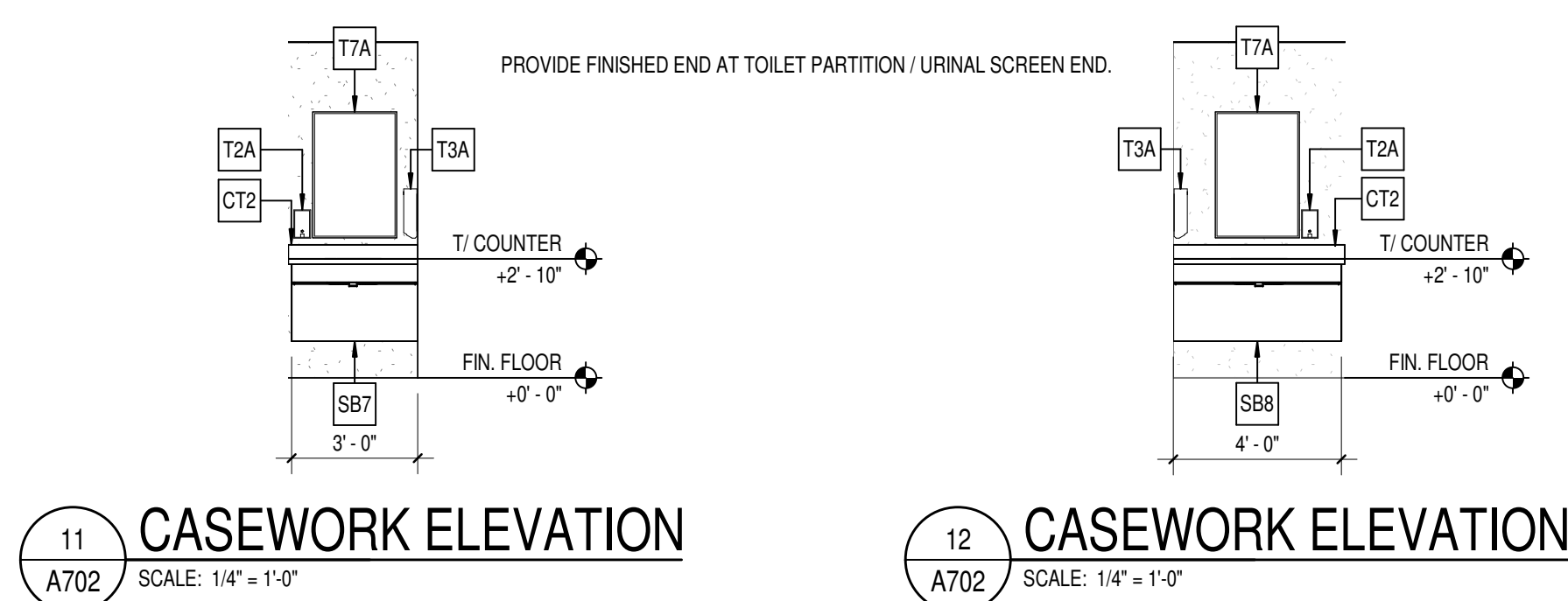
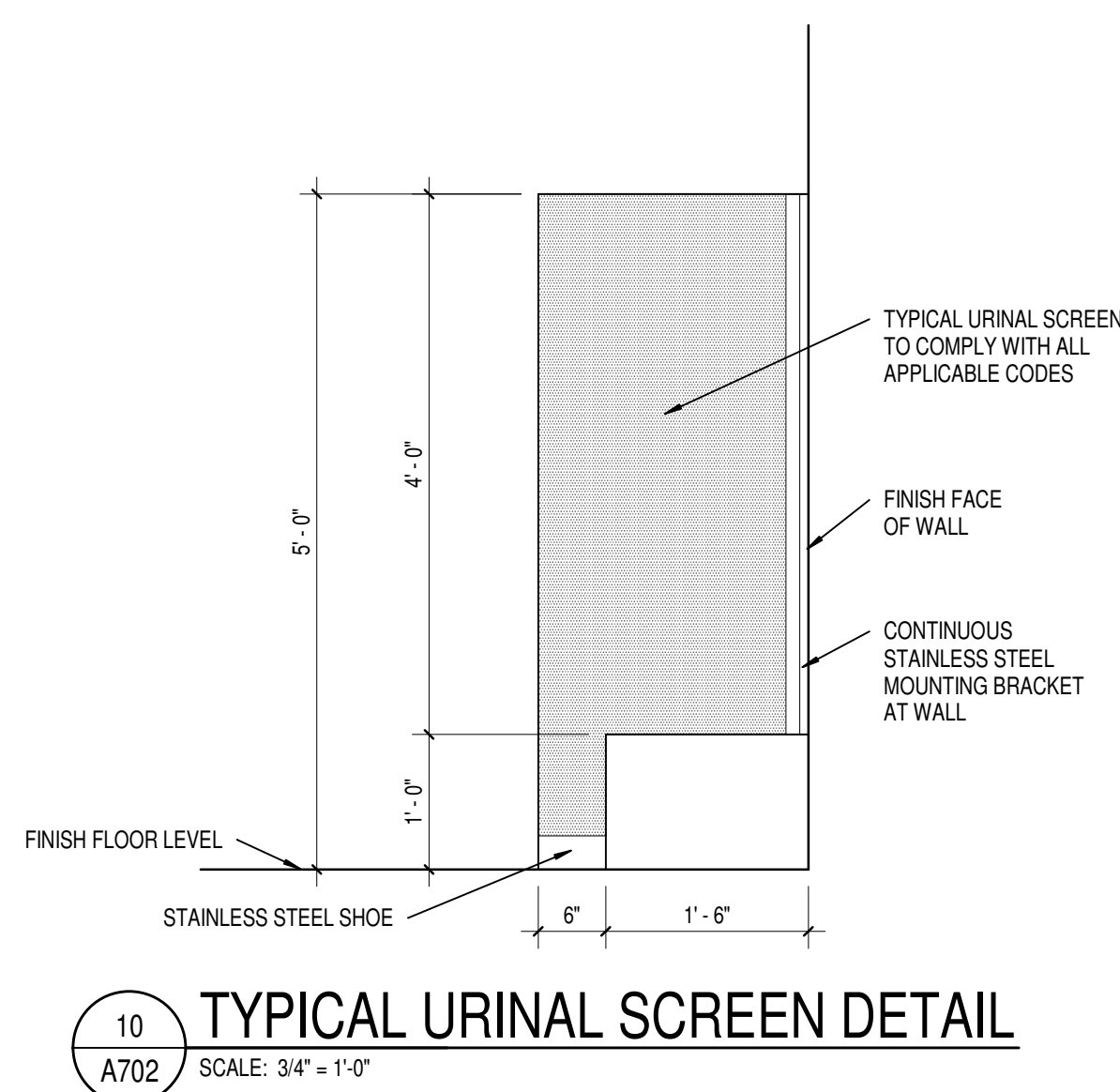
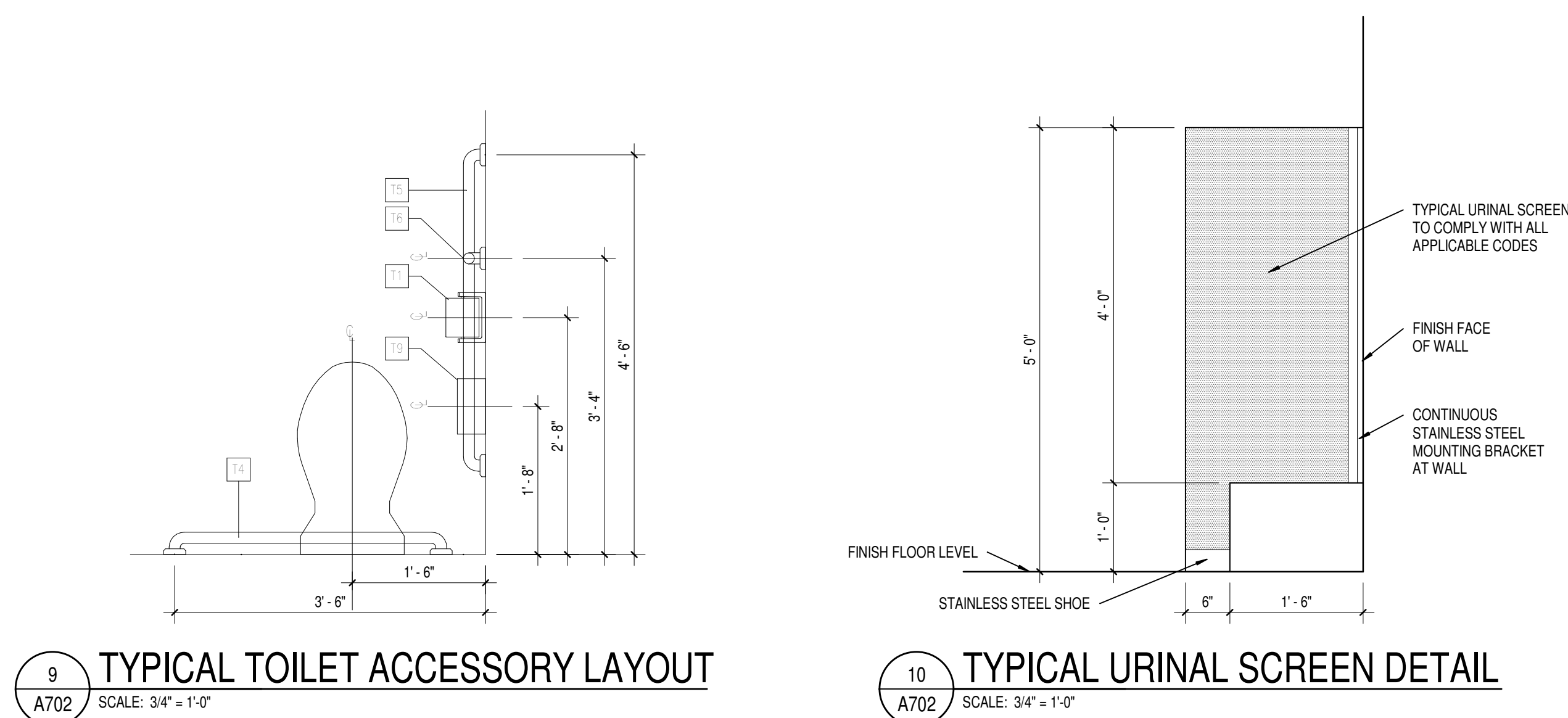
DRAWING TITLE:
CASEWORK
ELEVATIONS



DRAWING NUMBER
A603

PROJECT NUMBER
2021054





TOILET ACCESSORY SCHEDULE					
TYPE MARK	ITEM DESCRIPTION	MANUFACTURER	MODEL #	MOUNTING HEIGHT	
T1A	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BY OWNER	-	19" A.F.F. - ADULT	
T1E	TOILET TISSUE DISPENSER - SURFACE MOUNTED	BY OWNER	-	17" A.F.F. - ELEMENTARY	
T2A	SOAP DISPENSER - SURFACE MOUNTED	BY OWNER	-	40" A.F.F. - ADULT	
T2E	SOAP DISPENSER - SURFACE MOUNTED	BY OWNER	-	30" A.F.F. - ELEMENTARY	
T3A	PAPER TOWEL DISPENSER - SURFACE MOUNTED	BY OWNER	-		
T3E	PAPER TOWEL DISPENSER - SURFACE MOUNTED	BY OWNER	-	TOP OF LEVER AT 30" A.F.F. - ELEMENTARY	
T4A	GRAB BAR - 36" x 1 1/2" O.D.	BRADLEY	812 x 36	34" A.F.F. - ADULT	
T4E	GRAB BAR - 30" x 1" O.D.	BRADLEY	852 x 30	25" A.F.F. - ELEMENTARY	
T5A	GRAB BAR - 48" x 1 1/2" O.D.	BRADLEY	812 x 42	34" A.F.F. - ADULT	
T5E	GRAB BAR - 48" x 1" O.D.	BRADLEY	852 x 42	25" A.F.F. - ELEMENTARY	
T6A	GRAB BAR - 18" x 1 1/2" O.D.	BRADLEY	812 x 18	BOTTOM AT 39" A.F.F.	
T6E	GRAB BAR - 18" x 1" O.D.	BRADLEY	852 x 18	BOTTOM AT 30" A.F.F.	
T7A	FRAMED MIRROR 24" x 36"	BRADLEY	780 2436-2	BOTTOM AT 40" A.F.F. - ADULT	
T7E	FRAMED MIRROR 18" x 24"	BRADLEY	780 2436-2	BOTTOM AT 35" A.F.F. - ELEMENTARY	
T8	FULL HEIGHT MIRROR	BRADLEY	780 2472-2	BOTTOM AT 6' A.F.F.	
T9	SANITARY NAPKIN DISPOSAL - SURFACE MOUNTED	BRADLEY	4A10	TOP AT 31" A.F.F.	
T10	INFANT CHANGING STATION	BRADLEY	962	TO COMPLY WITH ADA REQUIREMENTS	
T11	FRAMED MIRROR 42" x 30"	BRADLEY	780 4230-2	BOTTOM AT 35" A.F.F.	
T12	TOILET PARTITION / URINAL SCREEN	SEE SPEC #10 21 13	-	PROVIDE HOOK AT EACH STALL DOOR, TYP.	
T13	ACCESS PANEL - LOCKING - 24" X 24"	J.L. INDUSTRIES	TM SERIES	BOTTOM AT 40" A.F.F. UNLESS OTHERWISE NOTED. CENTER ABOVE TOILET. EXPOSED FLANGES, INSTALLED OVER CERAMIC TILE.	



CSO

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PROJECT: MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE. INDIANAPOLIS, IN 46219


SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe a work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:		
2	ADDENDUM #2	08-12-22

ISSUE DATE	DRAWN BY	CHECKED BY
07/25/22	NTC	CAM

DRAWING TITLE:
ENLARGED
RESTROOM
PLANS &
ACCESSORY
SCHEDULE

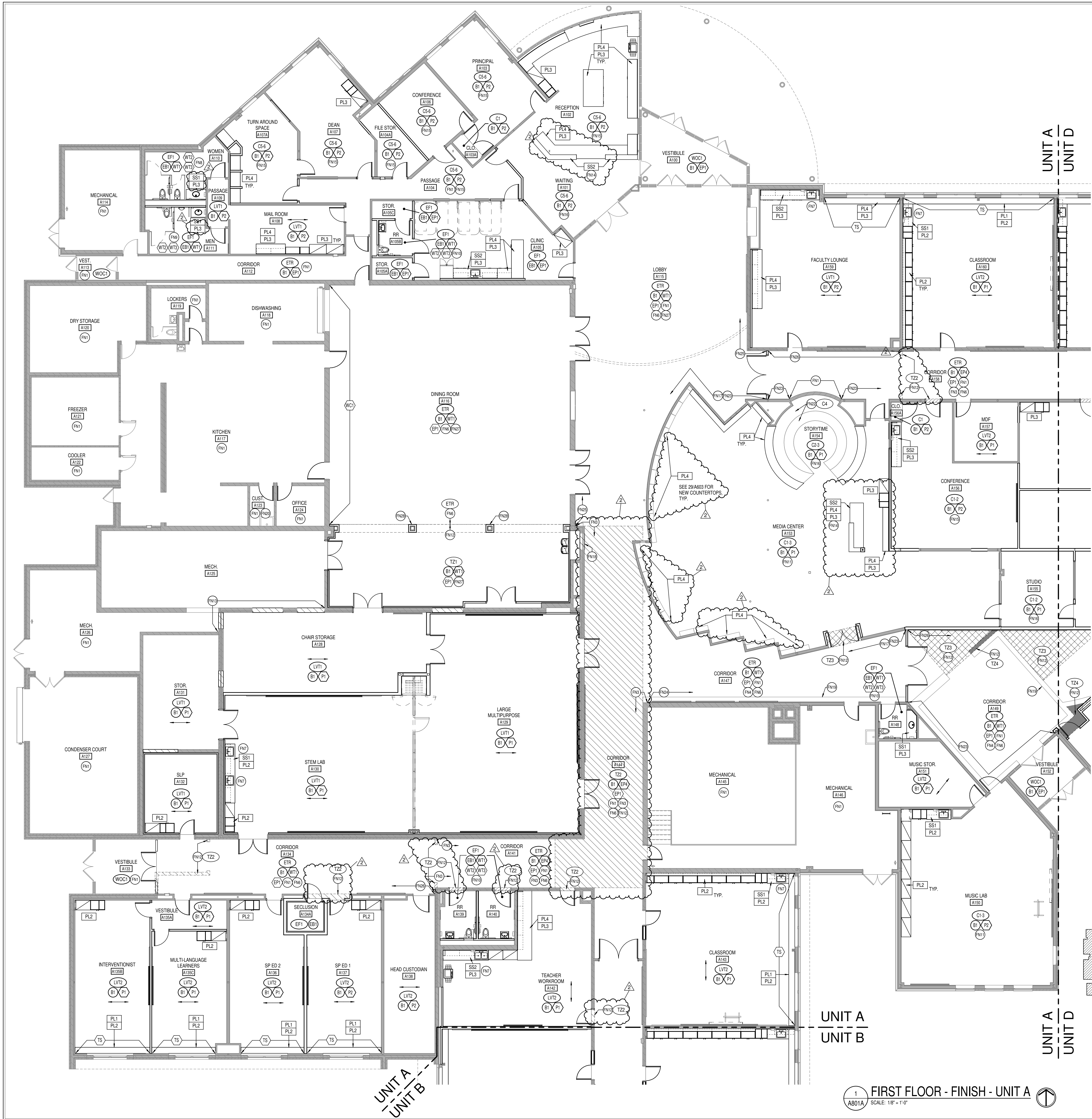
CERTIFIED BY:



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DRAWING NUMBER
A702

PROJECT NUMBER
2021054



1
A801A
SCALE: 1/8" = 1'-0"

KEYPLAN

GENERAL FINISH NOTES

1. ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION. THESE DOCUMENTS WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS.
2. THE SCHEDULED MATERIALS SHALL NOT BE INSTALLED BEFORE THE CONTRACTORS ACTUAL COLOR SUBMITTALS HAVE BEEN APPROVED, AS CALLED FOR IN THE SPECIFICATIONS. IF ANY MATERIAL IS INSTALLED BEFORE APPROVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ERRONEOUS SPECIFICATIONS.
3. WHERE DEMOLITION OCCURS SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING FINISHES TO REMAIN DURING CONSTRUCTION PROCESS. ALL SURFACES TO REMAIN SHALL BE PROPERLY CLEANED.
4. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR RESPONSIBLE FOR VERIFYING CONDITIONS.
5. FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP AT DOOR UNO. G.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION OF COLOR. TRANSITION TO BE NARROWEST PROFILE AVAILABLE THAT MEETS CODE/ADA COMPLIANCE.
6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR UNO.
7. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ETC.
8. ALL OUTSIDE GYPSUM BOARD CORNERS (ADMIN AREA) ARE TO RECEIVE 2" FLANGE SURFACE MOUNTED CORNER GUARDS. STYLE TO BE INPRO OR LISTED EQUAL AS FOUND IN THE SPECIFICATION DOCUMENT. MOUNTING HEIGHT TO START AT TOP OF BASE AND END ALIGNED TO TOP OF DOOR FRAME. COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
9. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE PAINTED TO MATCH THE ADJACENT WALL FINISH UNO.
10. ALL EXISTING AND NEW HOLLOW METALS DOORS & FRAMES ARE TO BE PAINTED P3.
11. NEW WOOD DOORS ARE TO BE PLAIN SUECED MAPLE WITH CUSTOM STAIN TO MATCH DESIGNER'S CONTROL SAMPLE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
12. NEW SOLID PLASTIC TOILET PARTITION FINISH AND COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
13. ALL CLASSROOM TACKBOARDS TO BE TS1. TYPICAL. SEE FINISH LEGEND FOR COLOR AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
14. WHERE WALL TILE OCCURS, ALL OUTSIDE CORNERS AND EDGES (INCLUDING WHERE IT TRANSITIONS TO ADJACENT WALL FINISH AND BASE) AND INTERMEDIATE JOINT SYSTEMS. SEE SPECIFICATIONS FOR ADDITIONAL INFO. FINISH TBD FROM MFR'S FULL RANGE.
15. ALL EXISTING AND NEW GWB CEILINGS AND/OR SOFFITS/BULKHEADS TO HAVE FACES PAINTED TO MATCH ADJACENT WALLS, AND UNDERSIDE TO BE PAINTED P5, UNO.
16. ALL NEW AND EXISTING STEEL STAIR COMPONENTS TO BE ELECTROSTATICALLY PAINTED P3. ALUMINUM COMPONENTS TO BE EXISTING FINISH, TYPICAL.
17. NEW CUBICLE CURTAINS TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
18. ACOUSTICAL DRAPES AND STAGE CURTAINS FOR STAGE ARE TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
19. DISPLAY CASE FINISHES TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
20. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE.
21. ALL COUNTERTOPS, WHERE NOT SUPPORTED BY CASEWORK, ARE TO BE SUPPORTED BY POWDER COATED RAKS COUNTER SUPPORT BRACKETS WITH RADIUS ENDS, OR EQUAL. BRACKET HEIGHT, DEPTH AND SPACING AS RECOMMENDED BY MANUFACTURER AND AS IDENTIFIED IN DETAILS.
22. PERFORATED COPPER ACOUSTICAL WALL PANEL COLORS TO BE TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
23. WALL PADS FOR GYM TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
24. TIME OUT ROOM TO MATCH PAINT COLOR P2 OR SELECTED FROM MANUFACTURERS FULL RANGE.
25. OPERABLE PARTITION SURFACE TO BE SELECTED FROM MFR. FULL RANGE.
26. WHERE THIN SET EPOXY TERRAZZO PATCH IS TO INSTALL FLUSH WITH EXISTING THICK SET TERRAZZO, PROPER FLOOR PREP / ABATEMENT IS REQUIRED. SEE FN12 AND FN29 FOR MORE INFORMATION.
27. WALL TILE TO BE INSTALLED WITH THE RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER.
28. ALL WINDOW STOOLS ARE TO BE SS3.
29. DOUBLE ENDED ARROW DENOTES DIRECTION OF FLOORING INSTALL.

KEYED FINISH NOTES

- FN1 EXISTING FINISHES TO REMAIN, UNLESS OTHERWISE NOTED.
- FN2 FLOOR TRANSITION TO ALIGN WITH CASEWORK OR OUTSIDE CORNER AS INDICATED ON PLAN.
- FN3 EXISTING STRUCTURAL GLAZED TILE TO REMAIN ON ALL EXISTING WALLS. CAREFULLY SALVAGED SGT FROM DEMOLISHED WALLS IN THIS AREA TO BE REUSED IN THE EVENT THAT PATCHING IS NECESSARY. SGT TO BE PAINTED EPI. SGT TO BE PREPARED, PRIMED, AND PAINTED WITH EPOXY PAINT PER SPECIFICATIONS. NEW TACK STRIPS TO BE APPLIED AT TOP OF STRUCTURAL GLAZED TILE TO CREATE A CONTINUOUS RUN THROUGHOUT THE CORRIDOR. TACK COLOR TO BE TS1. WALLS ABOVE SGT TO BE PAINTED EPI.
- FN4 CORRIDOR WALLS THAT DO NOT HAVE STRUCTURAL GLAZED TILE ARE TO RECEIVE PORCELAIN TILE (WT1) FROM TOP OF BASE TO APPROX 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). TACK STRIP TO BE INSTALLED AT TOP OF TILE. TACK COLOR TO BE TS1. SUBMITTAL OF ALL CORRIDOR TACK STRIP RUNS TO BE PROVIDED FOR ARCHITECT APPROVAL PRIOR TO INSTALLATION. SEE CORRIDOR TILE ELEVATION (S2400). REFER TO FN29-FN30 TACK ON PLAN FOR EXTENTS AND WALL CONDITIONS.
- FN5 NOT USED.
- FN6 EXISTING TERRAZZO FLOOR TO GO THROUGH A COMPLETE ROUGH GRIND PROCESS. REMOVING STAINS AS POSSIBLE, AND VITRIFICATION. ONCE ROUGH GRIND IS COMPLETE POLISH WITH A 120 GRIT DIAMOND, NEXT A 200 GRIT, 400 GRIT DIAMOND AND FINALLY A 800 GRIT DIAMOND BEFORE THE VITRIFICATION PROCESS.
- FN7 LVT IN FRONT OF SINKS TO BE INSTALLED WITH EPOXY ADHESIVE. AREA TO EXTEND 4'-0" W/ FROM CENTER OF SINK AND EXTEND 2'-0" D FROM FRONT EDGE OF CABINETRY.
- FN8 TYPICAL GIRLS RESTROOM TILE PATTERN. SEE ELEVATION 10/A800.
- FN9 TYPICAL BOYS RESTROOM TILE PATTERN. SEE ELEVATIONS 11/A800.
- FN10 TYPICAL UNSEX RESTROOM TILE PATTERN. SEE ELEVATION 12/A800.
- FN11 CARPET PATTERN AS INDICATED BY THIS FINISH KEY NOTE ON A800 SERIES PLANS. PATTERN IS A RANDOM INSTALL OF CARPETS C5 (APPROX 80% OF PATTERN), C2 (APPROX 20% OF PATTERN), AND C3 (APPROX 5% OF PATTERN). PATTERN TO BE INSTALLED RANDOM WITH MANUFACTURERS RECOMMENDED RELEASABLE ADHESIVE. SUBMITTAL OF PATTERN (INCLUDING SEAMING DIAGRAM) TO BE PROVIDED FOR APPROVAL PRIOR TO ORDER.
- FN12 TERRAZZO PATCH WHERE WALL AND FLOOR DEMO TAKES PLACE AND AS INDICATED. EXTEND PATCH BACK TO NEAREST DIVIDER STRIP. GRIND EXISTING CONCRETE SLABS AS NEEDED TO PREP FOR TERRAZZO PATCHING. TERRAZZO PATCH TO MATCH EXISTING ADJACENT TERRAZZO. MATCH COMPLETE THE EPOXY FORMULA BASE, AGGREGATES, AND VITRIFICATION, AS WELL AS THE EPOXY DIVIDER STRIPS AND LAYOUT. A SUBMITTAL OF EACH TERRAZZO MIX BEING PATCHED TO BE PROVIDED FOR MATCH REVIEW ON SITE. BUDGET TIME/EXPENSE FOR A MINIMUM OF 5 UNIQUE SAMPLES FOR EACH MATCH TO EXISTING.
- FN13 NEW WALL OR WALL PATCH TO MATCH EXISTING ADJACENT WALL. MATCH TO INCLUDE PAINT COLOR, QUALITY AND FINISH AND BASE TO MATCH STYLE, HEIGHT AND COLOR.
- FN14 FRONT DESK WITH WATERFALL TRANSACTION COUNTER AND DECORATIVE PLASTIC LAMINATE PANELS. SEE A704 FOR MORE DETAILS.
- FN15 CARPET PATTERN IS A RANDOM INSTALL OF CARPETS C5 (APPROX 70% OF PATTERN) AND C6 (APPROX 30% OF PATTERN). PATTERN TO BE INSTALLED RANDOM WITH MANUFACTURERS RECOMMENDED RELEASABLE ADHESIVE. SUBMITTAL OF PATTERN (INCLUDING SEAMING DIAGRAM) TO BE PROVIDED FOR APPROVAL PRIOR TO ORDER.
- FN16 AREA TO RECEIVE APPROX. HALF OF EACH CARPET LISTED. SEE FINISH LEGEND FOR INSTALLATION METHOD. CARPET TO BE INSTALLED WITH MANUFACTURERS RECOMMENDED RELEASABLE ADHESIVE. SUBMITTAL OF PATTERN (INCLUDING SEAMING DIAGRAM) TO BE PROVIDED FOR APPROVAL PRIOR TO ORDER.
- FN17 WALLS TO RECEIVE 4 COURSES OF WALL TILE (WT4) FOLLOWED BY ONE COURSE OF ACCENT TILES (WT2-WT3). WALL TILE TO INSTALL FROM TOP OF BASE TO APPROX. 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). SEE ELEVATION 15/A800 FOR ACCENT TILE PATTERN.
- FN18 WALL TO BE PATCHED WITH SALVAGED STRUCTURAL GLAZED TILE QUANTITY AVAILABLE. IF WALL CAN NOT BE PATCHED WITH SALVAGED SGT, WALL TO BE PAINTED EPS FROM FLOOR TO HEIGHT OF ADJACENT SGT AND EPI FROM TOP OF ADJACENT SGT TO CEILING.
- FN19 LINE OF EXISTING TERRAZZO ACCENT FOR REFERENCE ONLY. VERIFY EXACT LOCATION IN FIELD.
- FN20 ALL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY. MIN. OF 2'-0" BEYOND EXTENTS OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH 4'-0". COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
- FN21 WATER FOUNTAIN TILE PATTERN. SEE 16/A800.
- FN22 BROADLOOM CARPET TO BE INSTALLED ON RISE, RUN, AND SIDE OF STEPS.
- FN23 CORRIDOR TILE WANSNOT OVER EXISTING WALL WHERE VINYL WALL COVERING HAS BEEN REMOVED. SEE 6/A800, TILE DETAIL 1. REFER TO FN24 FOR ADDITIONAL TILE WANSNOT INFORMATION.
- FN24 CORRIDOR TILE WANSNOT OVER EXISTING WALL WHERE VINYL WALL COVERING HAS BEEN REMOVED AND TACKBOARDS INSTALLED. SEE 7/A800, TILE DETAIL 2. REFER TO FN24 FOR ADDITIONAL TILE WANSNOT INFORMATION.
- FN25 CORRIDOR TILE WANSNOT OVER EXISTING WALL OR NEW WALL TYPE AS NOTED ON A800 SERIES. SEE 8/A800, TILE DETAIL 3. REFER TO FN24 FOR ADDITIONAL TILE WANSNOT INFORMATION.
- FN26 CORRIDOR TILE WANSNOT OVER EXISTING WALL OR NEW WALL TYPE AS NOTED ON A800 SERIES WHERE TACKBOARDS INSTALLED. SEE 9/A800, TILE DETAIL 4. REFER TO FN24 FOR ADDITIONAL TILE WANSNOT INFORMATION.
- FN27 CAFETERIA WALLS AND COLUMNS AND LOBBY WALLS TO RECEIVE PORCELAIN TILE (WT1) FROM TOP OF BASE TO APPROX 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). WALL TILE CAPED WITH SCHLUTER JOLLY TRIM. SEE CAFETERIA TILE ELEVATION 14/A800. REFER TO FN29-FN30 TACK ON PLAN FOR WALL CONDITIONS.
- FN28 FINISHES INDICATED FOR ROOM TO BE APPLIED TO ALL VERTICAL FACES OF COLUMN.
- FN29 NEW CORRIDOR TO RECEIVE TERRAZZO TO MATCH EXISTING ADJACENT TERRAZZO. AS NOTED BY FINISH TAGS T2, T2Z, OR T2X MATCH COMPLETE THE EPOXY FORMULA MATRIX COLOR, AGGREGATES, AND VITRIFICATION, AS WELL AS THE EPOXY DIVIDER STRIPS AND LAYOUT. INSTALLER TO TAKE NECESSARY STEPS TO ENSURE THAT NEW TERRAZZO INSTALLS FLUSH WITH EXISTING ADJACENT TERRAZZO. A SUBMITTAL OF EACH TERRAZZO MIX BEING PATCHED TO BE PROVIDED FOR MATCH REVIEW ON SITE. BUDGET TIME/EXPENSE FOR A MINIMUM OF 5 UNIQUE SAMPLES FOR EACH MATCH TO EXISTING.
- FN30 EPS TO EXTEND FROM FINISHED FLOOR TO 15 FULL COURSES. EPI FROM THAT POINT TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
- FN31 MOISTURE VAPOR EMISSION CONTROL ON GYM SLAB ON-GRADE WHERE FLUID-APPLIED ATHLETIC FLOORING IS TO BE INSTALLED.



CSO
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317.842.7800 | csoinc.net
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PROJECT:
MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a substitute for the design of structural, mechanical and electrical systems. The drawings are not intended to be a substitute for the design of the construction. The drawings are not intended to be a substitute for the design of the construction. The drawings are not intended to be a substitute for the design of the construction.

REVISIONS:
2 ADDENDUM #2 08-12-22

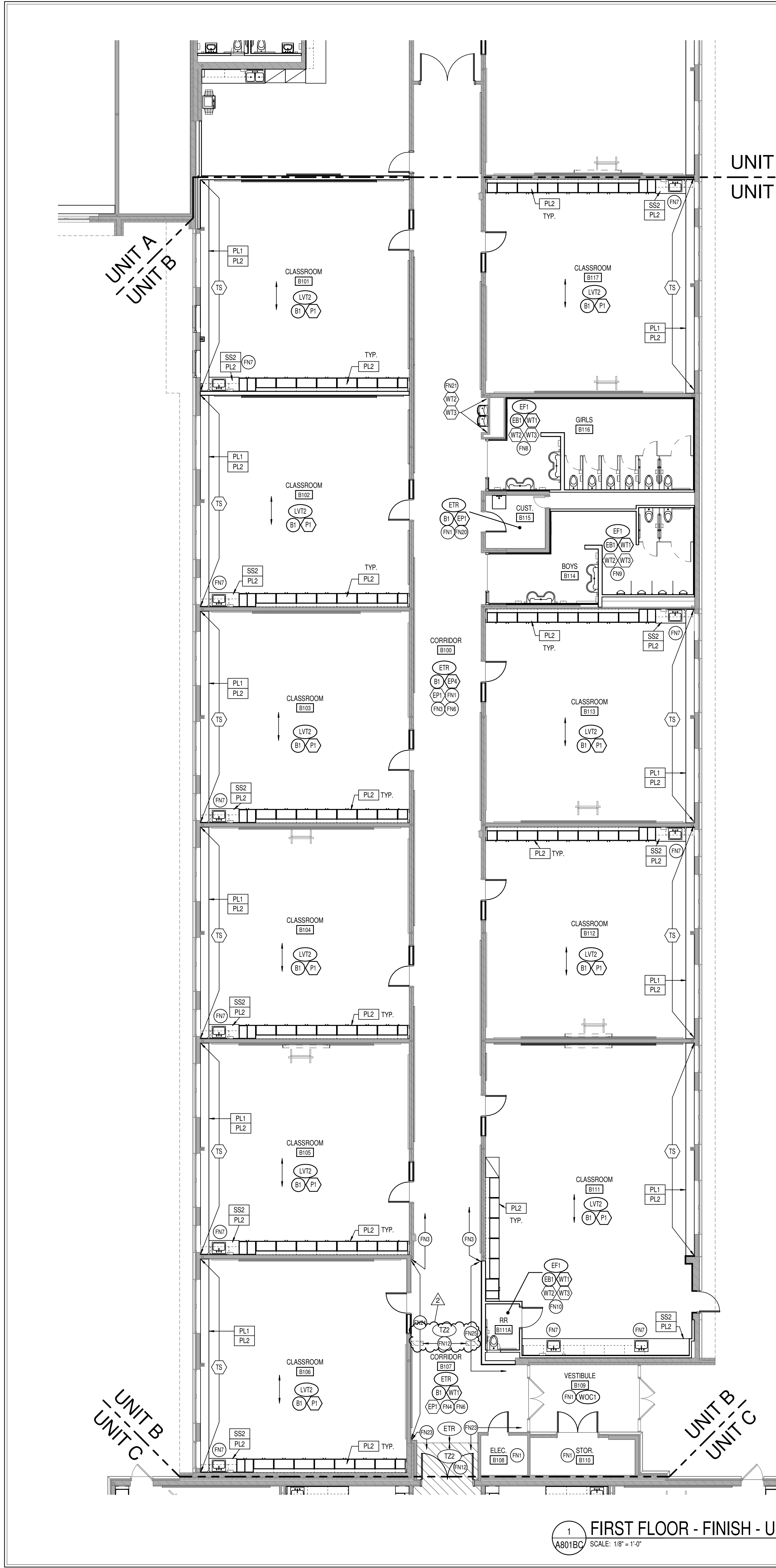
ISSUE DATE 07/25/22
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DRAWING TITLE:
FIRST FLOOR
FINISH PLAN -
UNIT A

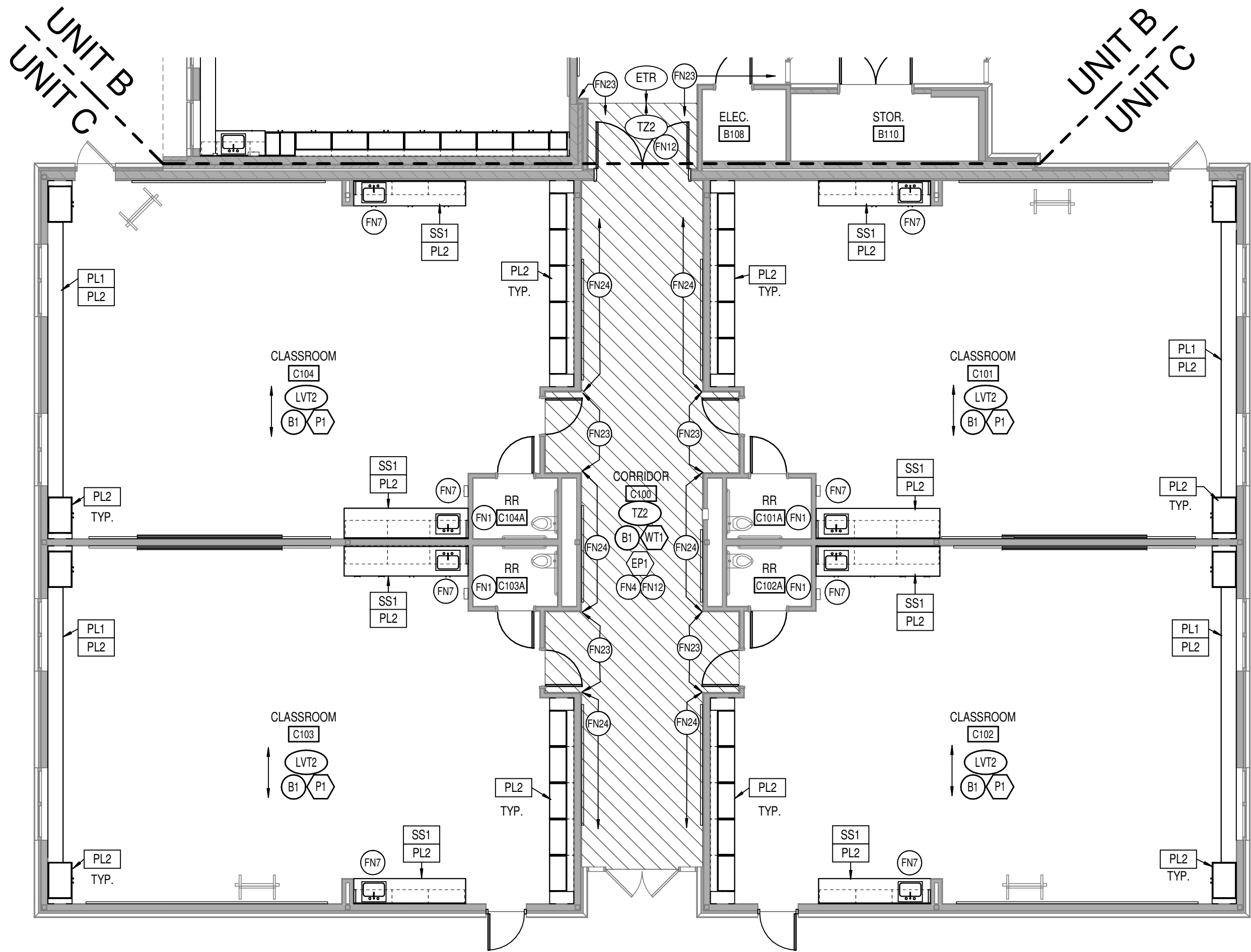
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JAMES ROBERT CLARK
ARCHITECT
STATE OF INDIANA
No. AR00900003
Exp. 12/31/24

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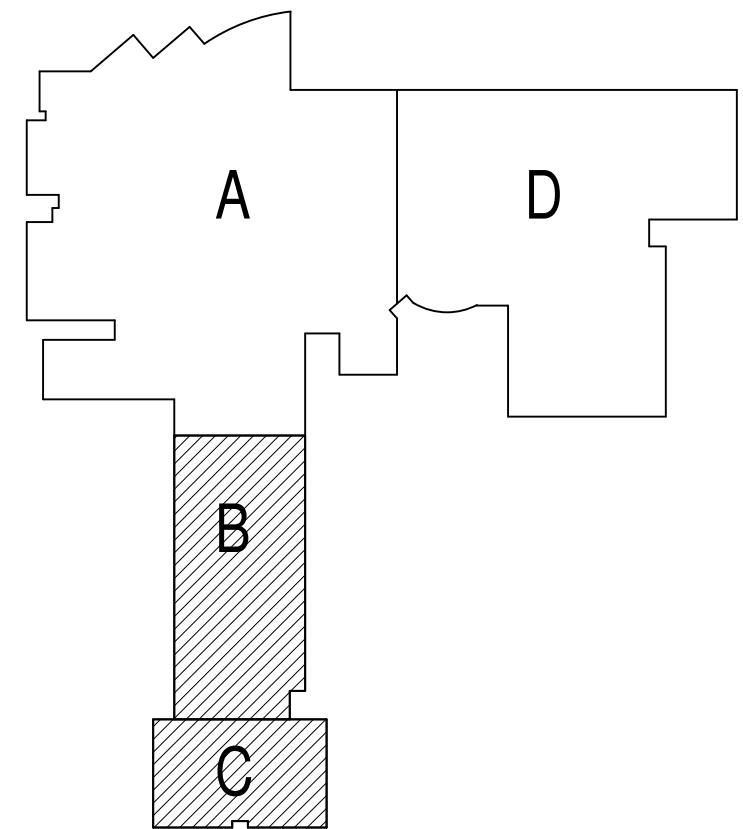
PROJECT NUMBER
2021054



1 FIRST FLOOR - FINISH - UNIT B
A801BC SCALE: 1/8" = 1'-0"



2 FIRST FLOOR - FINISH - UNIT C
A801BC SCALE: 1/8" = 1'-0"



KEYPLAN

GENERAL FINISH NOTES

1. ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION. THESE DOCUMENTS WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS.
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3. WHERE DEMOLITION OCCURS SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED.
4. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING FINISHES TO REMAIN DURING CONSTRUCTION PROCESS. ALL SURFACES TO REMAIN SHALL BE PROPERLY CLEANED.
5. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR RESPONSIBLE FOR FIELD VERIFYING CONDITIONS.
6. FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP AT DOOR UNO. G.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION OF COLOR. TRANSITION TO BE NARROWEST PROFILE AVAILABLE THAT MEETS CODE/ADA COMPLIANCE.
7. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR UNO.
8. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ETC.
9. ALL OUTSIDE GYPSUM BOARD CORNERS (ADMIN AREA) ARE TO RECEIVE 2" FLANGE SURFACE MOUNTED CORNER GUARDS. STYLE TO BE NPRO OR LISTED EQUAL AS FOUND IN THE SPECIFICATION DOCUMENT. MOUNTING HEIGHT TO START AT TOP OF BASE AND END ALIGNED TO TOP OF DOOR FRAME. COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
10. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE PAINTED TO MATCH THE ADJACENT WALL FINISH U.N.O.
11. ALL EXISTING AND NEW HOLLOW METAL DOORS & FRAMES ARE TO BE PAINTED P3.
12. NEW WOOD DOORS ARE TO BE PLAIN SLICED MAPLE WITH CUSTOM STAIN TO MATCH DESIGNER'S CONTROL SAMPLE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. NEW SOLID PLASTIC TOILET PARTITION FINISH AND COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
14. ALL CLASSROOM TACKBOARDS TO BE TS1, TYPICAL. SEE FINISH LEGEND FOR COLOR AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
15. WHERE WALL TILE OCCURS, ALL OUTSIDE CORNERS AND EDGES INCLUDING WHERE IT TRANSITIONS TO ADJACENT WALL FINISH AND BASE AND INTERMEDIATE JOINT BETWEEN FIELD TILE AND ACCENT TILE ARE TO BE TRIMMED WITH SCHLUTER SYSTEMS. SEE SPECIFICATIONS FOR ADDITIONAL INFO. FINISH TBD FROM MFR'S FULL RANGE.
16. ALL EXISTING AND NEW GWB CEILINGS AND/OR SOFFITS/BULKHEADS TO HAVE FACES PAINTED TO MATCH ADJACENT WALLS. AND UNDERSIDE TO BE PAINTED PS, U.N.O.
17. ALL NEW AND EXISTING STEEL STAIR COMPONENTS TO BE ELECTROSTATICALLY PAINTED P3 ALUMINUM COMPONENTS TO BE EXISTING FINISH, TYPICAL.
18. NEW CUBICLE CURTAINS TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
19. ACOUSTICAL DRAPES AND STAGE CURTAINS FOR STAGE ARE TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
20. DISPLAY CASE FINISHES TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
21. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE.
22. ALL COUNTERTOPS, WHERE NOT SUPPORTED BY CASEWORK, ARE TO BE SUPPORTED BY POWDER COATED FRAMING COUNTER SUPPORT BRACKETS WITH RADIUS ENDS, OR EQUAL BRACKET HEIGHT, DEPTH AND SPACING AS RECOMMENDED BY MANUFACTURER AND AS IDENTIFIED IN DETAILS.
23. PERFORATED COPOLYMER ACOUSTICAL WALL PANEL COLORS TO BE TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
24. WALL PADS FOR GYM TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
25. TIME OUT ROOM TO MATCH PAINT COLOR P2 OR SELECTED FROM MANUFACTURERS FULL RANGE.
26. OPERABLE PARTITION SURFACE TO BE SELECTED FROM MFR. FULL RANGE.
27. WHERE THIN-SET EPOXY TERRAZZO PATCH IS TO INSTALL, FLUSH WITH EXISTING THICK-SET TERRAZZO, PROPER FLOOR PREP / ABATEMENT IS REQUIRED. SEE FN12 AND FN29 FOR MORE INFORMATION.
28. WALL TILE TO BE INSTALLED WITH THE RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER.
29. ALL WINDOW STOOLS ARE TO BE SS3.
30. DOUBLE ENDED ARROW DENOTES DIRECTION OF FLOORING INSTALL.

KEYED FINISH NOTES

- FN1 EXISTING FINISHES TO REMAIN, UNLESS OTHERWISE NOTED.
- FN2 FLOOR TRANSITION TO ALIGN WITH CASEWORK OR OUTSIDE CORNER AS INDICATED ON PLAN.
- FN3 EXISTING STRUCTURAL GLAZED TILE TO REMAIN ON ALL EXISTING WALLS. CAREFULLY SALVAGED SGT FROM DEMOLISHED WALLS IN THIS AREA TO BE REUSED IN THE EVENT THAT PATCHING IS NECESSARY. SGT TO BE PAINTED EPA. SGT TO BE PREPARED, PRIMED, AND PAINTED WITH EPOXY PAINT PER SPECIFICATIONS. NEW TACK STRIPS TO BE APPLIED AT TOP OF STRUCTURAL GLAZED TILE TO CREATE A CONTINUOUS RUN THROUGHOUT THE CORRIDOR. TACK COLOR TO BE TS1. WALLS ABOVE SGT TO BE PAINTED EP1.
- FN4 CORRIDOR WALLS THAT DO NOT HAVE STRUCTURAL GLAZED TILE ARE TO RECEIVE PORCELAIN TILE (WT1) FROM TOP OF BASE TO APPROX 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). TACK STRIP TO BE INSTALLED AT TOP OF TILE. TACK COLOR TO BE TS1. SUBMITTAL OF ALL CORRIDOR TACK STRIP RUNS TO BE PROVIDED FOR ARCHITECT APPROVAL PRIOR TO INSTALLATION. SEE CORRIDOR TILE ELEVATION 15A800. REFER TO FN23-FN28 TAGS ON PLAN FOR EXTENTS AND WALL CONDITIONS.
- FN5 NOT USED.
- FN6 EXISTING TERRAZZO FLOOR TO GO THROUGH A COMPLETE ROUGH GRIND PROCESS. REMOVING STAINS AS POSSIBLE, AND VITRIFICATION. ONCE ROUGH GRIND IS COMPLETE POLISH WITH A 120 GRIT DIAMOND, NEXT A 200 GRIT, 400 GRIT DIAMOND AND FINALLY A 800 GRIT DIAMOND BEFORE THE VITRIFICATION PROCESS.
- FN7 LVT IN FRONT OF SINKS TO BE INSTALLED WITH EPOXY ADHESIVE AREA TO EXTEND 4'-0" W FROM CENTER OF SINK AND EXTEND 2'-0" D FROM FRONT EDGE OF CABINETS.
- FN8 TYPICAL GIRLS RESTROOM TILE PATTERN. SEE ELEVATION 10A800.
- FN9 TYPICAL BOYS RESTROOM TILE PATTERN. SEE ELEVATION 11A800.
- FN10 TYPICAL UNisex RESTROOM TILE PATTERN. SEE ELEVATION 12A800.
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- FN12 TERRAZZO PATCH WHERE WALL AND FLOOR DEMO TAKES PLACE AND AS INDICATED. EXTEND PATCH BACK TO NEAREST DIVIDER STRIP. GRIND EXISTING CONCRETE SLABS AS NEEDED TO PREP FOR TERRAZZO PATCHING. TERRAZZO PATCH TO MATCH EXISTING ADJACENT TERRAZZO. MATCH COMPLETE THE EPOXY FORMULA BASE AGGREGATES, AND VITRIFICATION, AS WELL AS THE EPOXY DIVIDER STRIPS AND LAYOUT. A SUBMITTAL OF EACH TERRAZZO MIX BEING PATCHED TO BE PROVIDED FOR MATCH REVIEW ON SITE. BUDGET TIME/EXPENSE FOR A MINIMUM OF 5 UNIQUE SAMPLES FOR EACH MATCH TO EXISTING.
- FN13 NEW WALL OR WALL PATCH TO MATCH EXISTING ADJACENT WALL. MATCH TO INCLUDE PAINT COLOR, QUALITY AND FINISH AND BASE TO MATCH STYLE, HEIGHT AND COLOR.
- FN14 FRONT DESK WITH WATERFALL TRANSACTION COUNTER AND DECORATIVE PLASTIC LAMINATE PANELS. SEE A704 FOR MORE DETAILS.
- FN15 CARPET PATTERN IS A RANDOM INSTALL OF CARPETS C3 (APPROX 70% OF PATTERN) AND C4 (APPROX 30% OF PATTERN). PATTERN TO BE INSTALLED RANDOM WITH MANUFACTURER'S RECOMMENDED RELEASABLE ADHESIVE. SUBMITTAL OF PATTERN (INCLUDING SEAMING DIAGRAM) TO BE PROVIDED FOR APPROVAL PRIOR TO ORDER.
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- FN17 WALLS TO RECEIVE 4 COURSES OF WALL TILE (WT4) FOLLOWED BY ONE COURSE OF ACCENT TILES (WT2-WT3). WALL TILE TO INSTALL FROM TOP OF BASE TO APPROX 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). SEE ELEVATION 15A800 FOR ACCENT TILE PATTERN.
- FN18 WALL TO BE PATCHED WITH SALVAGED STRUCTURAL GLAZED TILE QUANTITY AVAILABLE. IF WALL CAN NOT BE PATCHED WITH SALVAGED SGT, WALL TO BE PAINTED EP1 FROM FLOOR TO HEIGHT OF ADJACENT SGT AND EP1 FROM TOP OF ADJACENT SGT TO CEILING.
- FN19 LINE OF EXISTING TERRAZZO ACCENT FOR REFERENCE ONLY. VERIFY EXACT LOCATION IN FIELD.
- FN20 ALL MOP SINK LOCATIONS TO RECEIVE FRP. LENGTH AS NECESSARY. MIN. OF 2'-0" BEYOND EXTENTS OF SINK. FRP TO START AT TOP OF BASE AND RUN FULL PANEL WIDTH (4'-0"). COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
- FN21 WATER FOUNTAIN TILE PATTERN. SEE 16A800.
- FN22 BROADLOOM CARPET TO BE INSTALLED ON RISE, RUN, AND SIDE OF STEPS.
- FN23 CORRIDOR TILE WANSKOT OVER EXISTING WALL WHERE VINYL WALL COVERING HAS BEEN REMOVED. SEE A800, TILE DETAIL 1. REFER TO FN4 FOR ADDITIONAL TILE WANSKOT INFORMATION.
- FN24 CORRIDOR TILE WANSKOT OVER EXISTING WALL WHERE VINYL WALL COVERING HAS BEEN REMOVED AND TACKBOARDS INSTALLED. SEE 7A800, TILE DETAIL 2. REFER TO FN4 FOR ADDITIONAL TILE WANSKOT INFORMATION.
- FN25 CORRIDOR TILE WANSKOT OVER EXISTING WALL OR NEW WALL TYPE AS NOTED ON A200 SERIES. SEE A800, TILE DETAIL 3. REFER TO FN4 FOR ADDITIONAL TILE WANSKOT INFORMATION.
- FN26 CORRIDOR TILE WANSKOT OVER EXISTING WALL OR NEW WALL TYPE AS NOTED ON A200 SERIES WHERE TACKBOARDS INSTALLED. SEE A800, TILE DETAIL 4. REFER TO FN4 FOR ADDITIONAL TILE WANSKOT INFORMATION.
- FN27 CAFETERIA WALLS AND COLUMNS AND LOBBY WALLS TO RECEIVE PORCELAIN TILE (WT1) FROM TOP OF BASE TO APPROX 4'-10" AFF. (TO MATCH THE HEIGHT OF THE STRUCTURAL GLAZED TILE). WALL TILE CARPETED WITH SCHLUTER JOLY TRIM. SEE CAFETERIA TILE ELEVATION 14A800. REFER TO FN23-FN28 FOR WALL CONDITIONS.
- FN28 FINISHES INDICATED FOR ROOM TO BE APPLIED TO ALL VERTICAL FACES OF COLUMN.
- FN29 NEW CORRIDOR TO RECEIVE TERRAZZO TO MATCH EXISTING ADJACENT TERRAZZO. AS NOTED BY FINISH TAGS T22, T23, OR T24. MATCH COMPLETE THE EPOXY FORMULA MATRIX COLOR, AGGREGATES, AND VITRIFICATION, AS WELL AS THE EPOXY DIVIDER STRIPS AND LAYOUT. INSTALLER TO TAKE NECESSARY STEPS TO ENSURE THAT NEW TERRAZZO INSTALLS FLUSH WITH EXISTING ADJACENT TERRAZZO. A SUBMITTAL OF EACH TERRAZZO MIX BEING PATCHED TO BE PROVIDED FOR MATCH REVIEW ON SITE. BUDGET TIME/EXPENSE FOR A MINIMUM OF 5 UNIQUE SAMPLES FOR EACH MATCH TO EXISTING.
- FN30 EPO TO EXTEND FROM FINISHED FLOOR TO 15 FULL COURSES. EP1 FROM THAT POINT TO BOTTOM OF DECK. PAINT TRANSITION TO BE A CLEAN, TAPED, LEVEL LINE.
- FN31 MOISTURE VAPOR EMISSION CONTROL ON GYM SLAB ON-GRADE WHERE FLUID-APPLIED ATHLETIC FLOORING IS TO BE INSTALLED.



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MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a substitute for the design of structural, mechanical and electrical systems. The drawings are not intended to be a substitute for the design of the project. The drawings are not intended to be a substitute for the design of the project. The drawings are not intended to be a substitute for the design of the project.

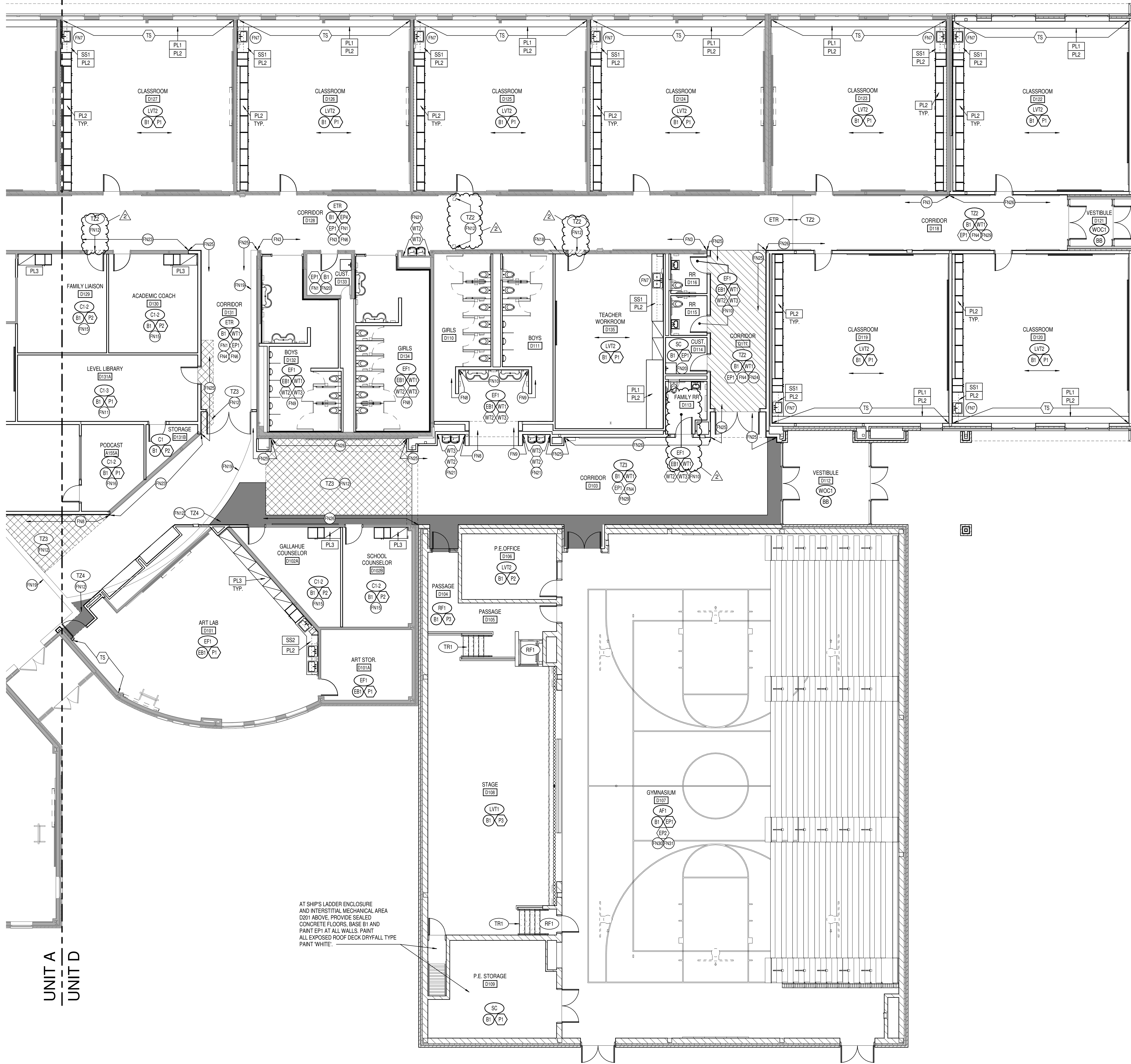
REVISIONS:
2 ADDENDUM #2 08-12-22

ISSUE DATE 07/25/22
DRAWN BY Author
CHECKED BY CAM

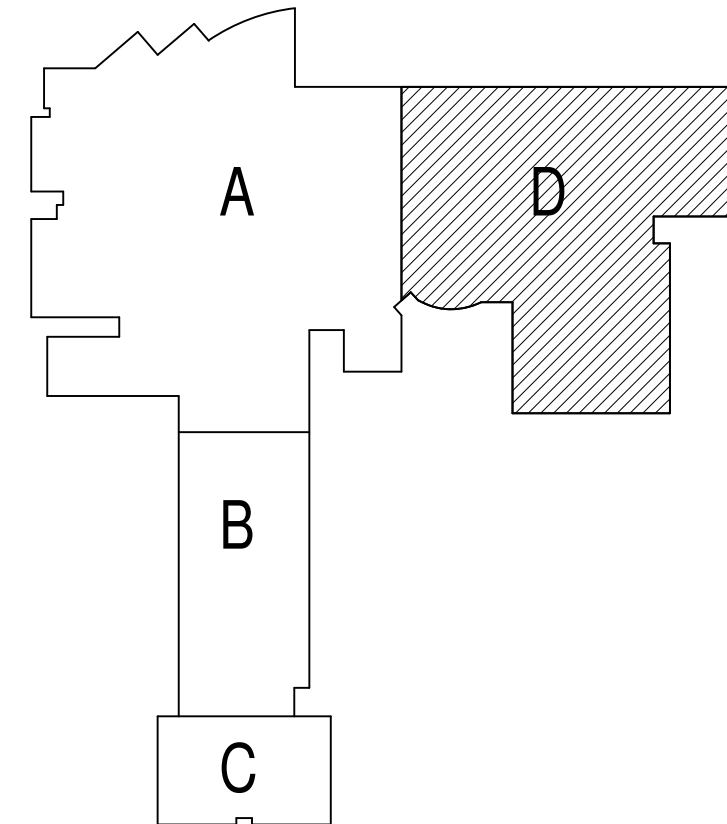
DRAWING TITLE:
FIRST FLOOR
FINISH PLAN -
UNITS B AND C

CERTIFIED BY:
NAME ROBERT J. LUK
No
AR09000003
STATE OF
INDIANA
ARCHITECT
J. Luk

DRAWING NUMBER
A801BC
PROJECT NUMBER
2021054

UNIT A
UNIT DUNIT A
UNIT D1
A801D
FIRST FLOOR - FINISH - UNIT D
SCALE: 1/8" = 1'-0"

KEYPLAN



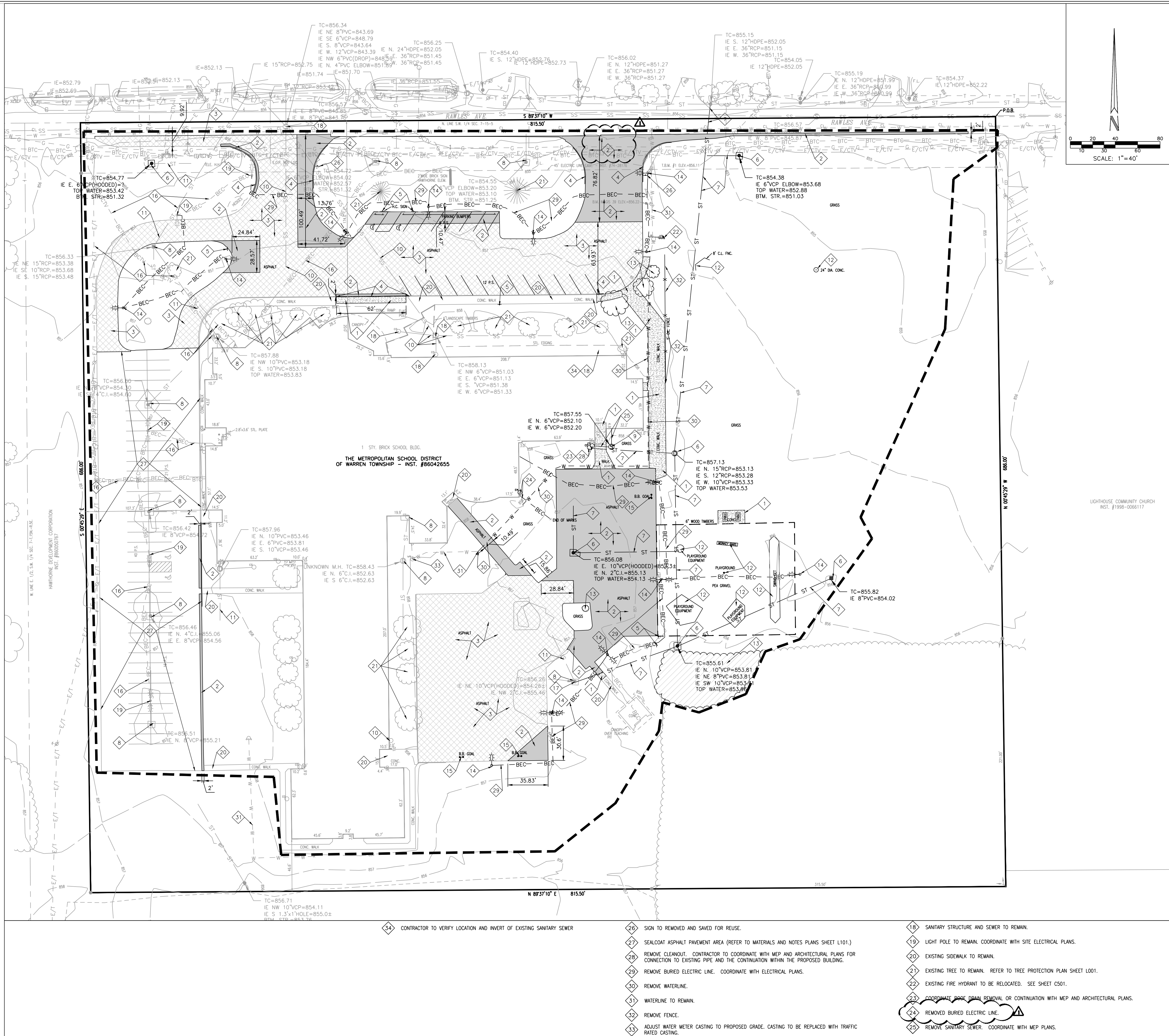
GENERAL FINISH NOTES

1. ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION. THESE DOCUMENTS WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS.
2. THE SCHEDULED MATERIALS SHALL NOT BE INSTALLED BEFORE THE CONTRACTORS ACTUAL COLOR SUBMITTALS HAVE BEEN APPROVED, AS CALLED FOR IN THE SPECIFICATIONS. IF ANY MATERIAL IS INSTALLED BEFORE APPROVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ERRONEOUS SPECIFICATIONS.
3. WHERE DEMOLITION OCCURS SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED.
4. CONTRACTOR RESPONSIBLE FOR PROTECTING EXISTING FINISHES TO REMAIN DURING CONSTRUCTION PROCESS. ALL SURFACES TO REMAIN SHALL BE PROPERLY CLEANED.
5. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION. CONTRACTOR RESPONSIBLE FOR FIELD VERIFYING CONDITIONS.
6. FOR CHANGE IN FLOOR FINISH MATERIAL, PROVIDE TRANSITION STRIP AT DOOR UNO. O.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION OF COLOR. TRANSITION TO BE NARROWEST PROFILE AVAILABLE THAT MEETS CODE/ADA COMPLIANCE.
7. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING THE TRANSITION IS TO BE ON CENTER OF THE DOOR UNO.
8. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACKBOARDS, ETC.
9. ALL OUTSIDE GYPSUM BOARD CORNERS ADMIN AREA ARE TO RECEIVE 2" FLANGE SURFACE MOUNTED CORNER GUARDS. STYLE TO BE INPRO OR LISTED EQUAL AS FOUND IN THE SPECIFICATION DOCUMENT. MOUNTING HEIGHT TO START AT TOP OF BASE AND END ALIGNED TO TOP OF DOOR FRAME. COLOR TO BE SELECTED FROM MFR'S FULL RANGE.
10. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE PAINTED TO MATCH THE ADJACENT WALL FINISH UNO.
11. ALL EXISTING AND NEW HOLLOW METALS DOORS & FRAMES ARE TO BE PAINTED P3.
12. NEW WOOD DOORS ARE TO BE PLAIN SLICED MAPLE WITH CUSTOM STAIN TO MATCH DESIGNER'S CONTROL SAMPLE. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. NEW SOLID PLASTIC TOILET PARTITION FINISH AND COLOR TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
14. ALL CLASSROOM TACKBOARDS TO BE TS1, TYPICAL. SEE FINISH LEGEND FOR COLOR AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
15. WHERE WALL TILE COCORS, ALL OUTSIDE CORNERS AND EDGES INCLUDING WHERE IT TRANSITIONS TO ADJACENT WALL FINISH AND BASE/ INTERMEDIATE JOINT BETWEEN FIELD TILE AND ACCENT TILE ARE TO BE TRIMMED WITH SCHLUTER SYSTEMS. SEE SPECIFICATIONS FOR ADDITIONAL INFO. FINISH TBD FROM MFR'S FULL RANGE.
16. ALL EXISTING AND NEW GWS CEILINGS AND/OR SOFFITS/BULHEADS TO HAVE FINISHES TO MATCH ADJACENT WALLS, AND UNDERGO TO BE REGRIND PER U.I.O.
17. ALL NEW AND EXISTING STEEL STAR COMPONENTS TO BE ELECTROSTATICALLY PAINTED P3 ALUMINUM COMPONENTS TO BE EXISTING FINISH, TYPICAL.
18. NEW CUBICLE CURTAINS TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
19. ACOUSTICAL DRAPERIES AND STAGE CURTAINS FOR STAGE ARE TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
20. DISPLAY CASE FINISHES TO BE SELECTED FROM MANUFACTURERS FULL RANGE.
21. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE.
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30. DOUBLE ENDED ARROW DENOTES DIRECTION OF FLOORING INSTALL.

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- FIN1 EXISTING FINISHES TO REMAIN, UNLESS OTHERWISE NOTED.
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- FIN25 CORRIDOR TILE WAINSCOT OVER EXISTING WALL OR NEW WALL TYPE AS NOTED ON A200 SERIES. SEE 8A800, TILE DETAIL 3. REFER TO FIN4 FOR ADDITIONAL TILE WAINSCOT INFORMATION.
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MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219SCOPE DRAWINGS:
These drawings indicate the general scope of the project. Items of construction shown are not intended to be a part of the contract documents. The drawings do not necessarily indicate or describe all requirements of the Contract.
On the basis of the graphics scope indicated on drawings, the trade contractors shall furnish all items required for the proper execution and completion of the work.REVISIONS:
2 ADDENDUM #2 08-12-22ISSUE DATE 07/25/22
DRAWN BY Author
CHECKED BY CAMDRAWING TITLE:
FIRST FLOOR
FINISH PLAN -
UNIT DCERTIFIED BY:
TIMOTHY ROBERT CLARK
No
AR09090003
STATE OF
INDIANA
ARCHITECT
JRCDRAWING NUMBER
A801DPROJECT NUMBER
2021054



EXISTING CONDITIONS LEGEND

SS	SANITARY SEWER & MANHOLE	⊕	POWER POLE
ST	STORM SEWER, END SECTION, INLET & M.A.	⊕	CLAY PIPE
G	GAS LINE	⊕	UTILITY RISER, TELEPHONE, ELECTRIC & CABLE TV
W	WATER LINE	⊕	ELECTRIC TRANSFORMER
E	ELECTRIC LINE (AERIAL)	⊕	AIR CONDITIONER UNIT
CTV	CABLE TELEVISION (AERIAL)	⊕	STREET LIGHT
BTC	BURIED TELE. CABLE	⊕	FLOOD LIGHT
BEC	BURIED ELEC. CABLE	⊕	TRAFFIC MANHOLE AND SIGNAL POLE
FNC	FENCE LINE (FNC)	⊕	FIRE HYDRANT
BCTV	BURIED CABLE TV	⊕	VALVE, GAS & WATER
GR	GRASS	⊕	STREET SIGN
R/W	RIGHT OF WAY LINE (R/W)	⊕	WATER, TELEPHONE AND ELECTRIC MANHOLE
PR	PROPERTY LINE	⊕	SEWER CLEAOUT
EL	EASEMENT LINE	⊕	ELECTRIC, GAS AND WATER METER
CL	CENTER LINE	⊕	PIPELINE MARKER POST
SL	SWALE LINE	⊕	MAILBOX

D. DEED DIMENSION
M. MEASURED DIMENSION
P. PLAT DIMENSION
R. RADIUS
L. ARC LENGTH
H.H. HANDHOLE
FND. FOUNDATION
CONC. CONCRETE
ASPH. ASPHALT
TC TOP OF CASTING ELEVATION
IE INVERT ELEVATION
FFE FINISH FLOOR ELEVATION
TBM TEMPORARY BENCHMARK

⊕ DENOTES A 5/8" DIA. REBAR WITH YELLOW PLASTIC CAP SET. CAP STAMPED "CRPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

○ DENOTES A MAG. NAIL WITH WASHER SET. WASHER STAMPED "CRPE FIRM NO. 0055" UNLESS OTHERWISE NOTED.

1.23 SITE ADDRESS

DEMOLITION PLAN LEGEND

SAWCUT AND REMOVE ASPHALT FROM SITE	TREE REMOVAL	SAWCUT AND REMOVE CONCRETE FROM SITE
CONSTRUCTION LIMITS	MILL ASPHALT SURFACE	

DEMOLITION PLAN NOTES

- UTILITY LOCATIONS ARE APPROXIMATE. THE CONTRACTOR IS TO DETERMINE AND FIELD VERIFY ALL HORIZONTAL AND VERTICAL LOCATIONS OF THE UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH THE ABANDONMENT, REMOVAL, RELOCATION, AND INSTALLATION OF UTILITIES WITH EVERY UTILITY COMPANY AND OBTAIN THEIR APPROVAL PRIOR TO PERFORMING ANY UTILITY WORK.
- ALL DEMOLISHED MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED, AND SHALL BE LEGALLY DISPOSED OF OFF-SITE.
- CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PER SHEET C401-C403 PRIOR TO COMMENCING DEMOLITION.
- MAINTAIN PROPER DRAINAGE IN DEMOLITION AREAS.
- SAWCUT CONCRETE AND ASPHALT SURFACES FOR REMOVAL AS NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING DAMAGE TO ALL BUILDINGS AND/OR SITE ENTITIES THAT ARE TO REMAIN.
- THE CONCRETE TO BE SAWCUT SHALL BE SAWCUT TO THE NEAREST CONCRETE JOINT BEYOND THE LIMITS ILLUSTRATED. NOTIFY ENGINEER IF JOINT IS OVER ONE (1) FOOT FROM LINE SHOWN.
- REMOVAL OR RELOCATION OF ALL LANDSCAPING MUST BE COORDINATED WITH OWNER.
- OVERHEAD AND/OR UNDERGROUND ELECTRIC AND TELEPHONE CABLES THAT ARE SHOWN TO BE ABANDONED IN PLACE MAY BE CUT AS NECESSARY TO FACILITATE NEW CONSTRUCTION. CONTRACTOR SHALL ENSURE THAT LINES ARE NOT ACTIVE PRIOR TO CUTTING AND OBTAIN UTILITY COMPANY APPROVAL PRIOR TO PERFORMING ANY DEMOLITION.
- WATER LINES SHALL NOT BE ABANDONED OR DEMOLISHED UNTIL PROPOSED WATER MAINS HAVE BEEN INSTALLED TO A POINT SUCH THAT ONLY MINIMAL DISRUPTION IN WATER SERVICE TO THE EXISTING OCCUPIED BUILDINGS WILL OCCUR. CONTRACTOR TO COORDINATE ANY SERVICE SHUT DOWN WITH THE BUILDING OWNER AT LEAST 72 HOURS PRIOR TO SCHEDULING SHUT DOWN.
- ANY DISCREPANCIES OR CONFLICTS WHICH BECOME APPARENT BEFORE OR DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
- CONTRACTOR TO ESTABLISH NEW LOCAL SURVEY CONTROL SYSTEM (VERTICAL AND HORIZONTAL) PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITY. MANY TEMPORARY BENCHMARKS UTILIZED IN THE PREPARATION OF THE TOPOGRAPHIC SURVEY FOR THE DESIGN WILL BE RELOCATED AS PART OF CONSTRUCTION.

KEYNOTE LEGEND

1	SAWCUT AND REMOVE CONCRETE SIDEWALK TO THE NEAREST CONCRETE JOINT BEYOND THE LIMITS ILLUSTRATED. NOTIFY ENGINEER IF JOINT IS OVER ONE (1) FOOT FROM LINE SHOWN.
2	SAWCUT AND REMOVE ASPHALT AND COMPACTED GRANULAR SUBBASE.
3	MILL ASPHALT SURFACE 1 1/2 INCHES.
4	SAWCUT AND REMOVE CONCRETE CURB.
5	REMOVE EXISTING SIGN, POST AND FOUNDATION. CONTRACTOR TO COORDINATE SALVAGING SIGN WITH OWNER.
6	REMOVE STORM STRUCTURE AND CASTING.
7	REMOVE STORM SEWER PIPE.
8	STORM SEWER STRUCTURE TO REMAIN.
9	REMOVE SANITARY STRUCTURE AND CASTING. CONTRACTOR TO COORDINATE WITH ARCHITECTURAL AND MEP PLANS FOR CONTINUATION OF THE SANITARY LATERAL FROM THE BUILDING.
10	SANITARY SEWER TO REMAIN. CONTRACTOR TO COORDINATE WITH MEP AND ARCHITECTURAL PLANS FOR MORE INFORMATION AND THE CONTINUATION WITHIN THE PROPOSED BUILDING.
11	STORM SEWER PIPE TO REMAIN.
12	REMOVE PLAYGROUND EQUIPMENT AND APPURTENANCES.
13	REMOVE TREE, SHRUBS, UNDERBRUSH, LANDSCAPING AND VEGETATION INCLUDING ROOT BALLS.
14	REMOVE LIGHT POLE AND FOUNDATION. COORDINATE WITH SITE ELECTRICAL PLANS AND UTILITY COMPANY. CONTRACTOR TO COORDINATE WITH OWNER IF LIGHT FIXTURE IS TO BE SALVAGED.
15	REMOVE GOAL POST.
16	UTILITY TO REMAIN.
17	ADJUST CASTING TO PROPOSED GRADE PER SHEET C301.

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PROJECT:
MSD OF WARREN TOWNSHIP
**HAWTHORNE ELEMENTARY SCHOOL
RENOVATION & ADDITION**
8301 RAWLINS AVE. INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of the design concept, the dimensions of the site, and the location of the existing and proposed structures and utilities. The drawings do not necessarily indicate or describe all work required for the performance and completion of the project. On the basis of the general scope indicated or described, the contractor shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
REV 01 ADDENDUM #02 08/10/22

ISSUE DATE: 2022-06-27
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CHECKED BY: S.PIERRE

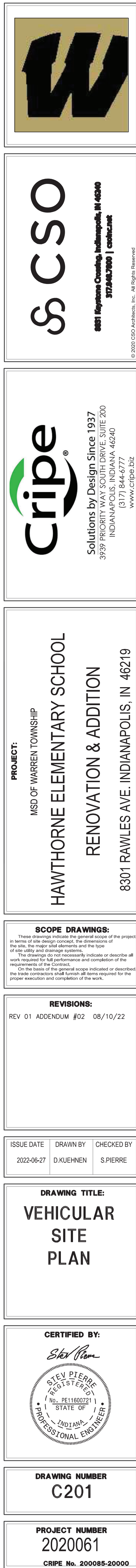
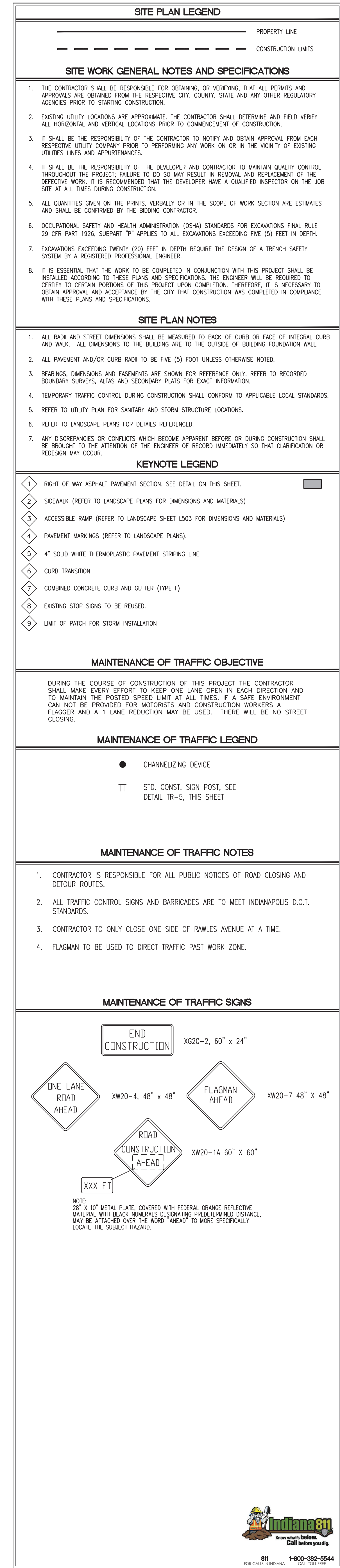
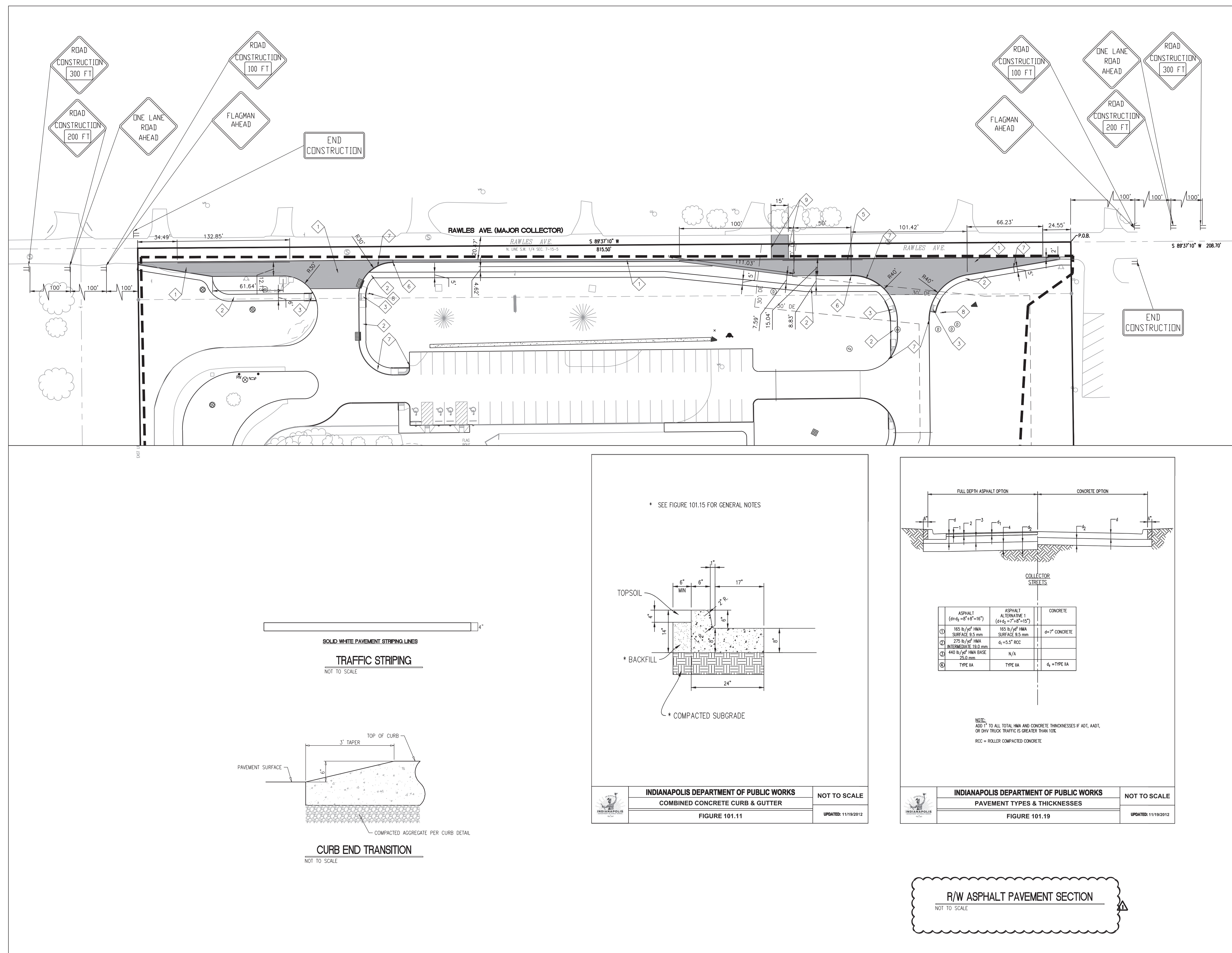
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AND
DEMOLITION
PLAN**

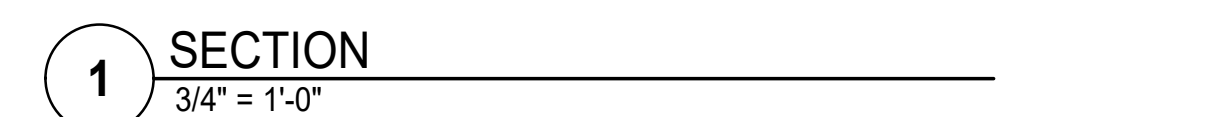
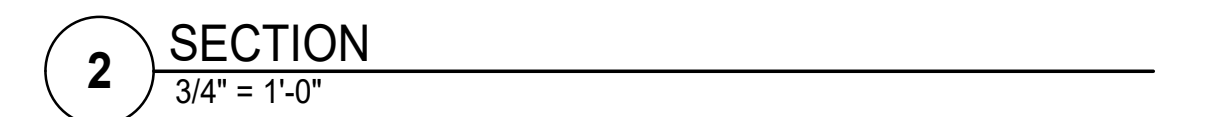
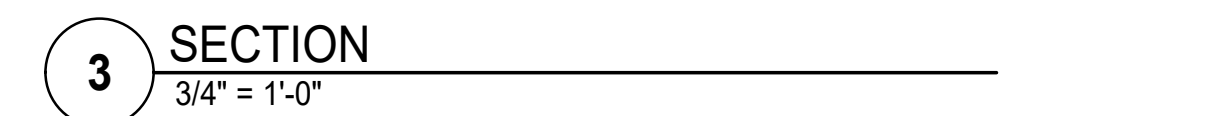
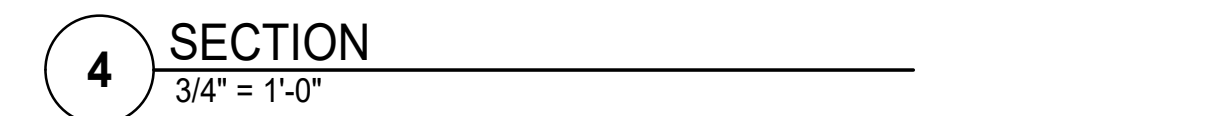
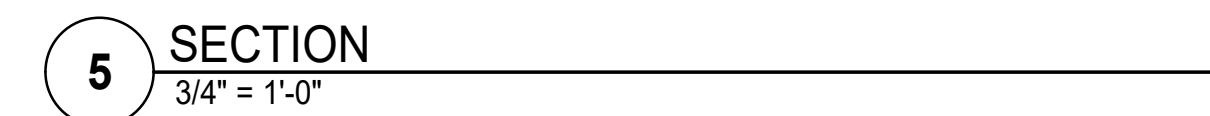
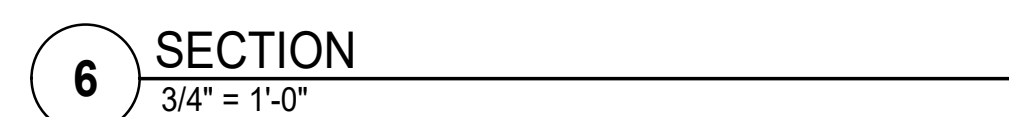
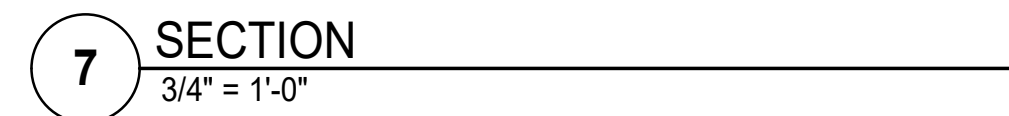
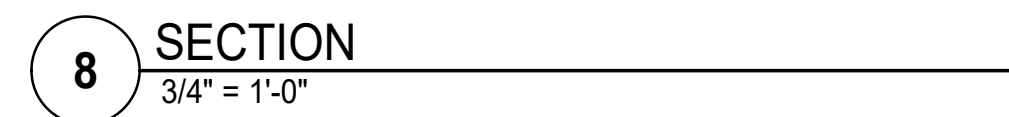
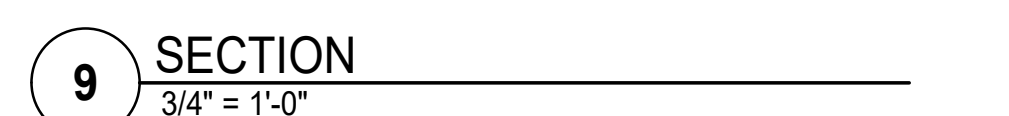
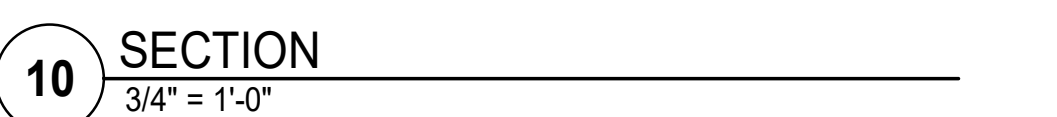
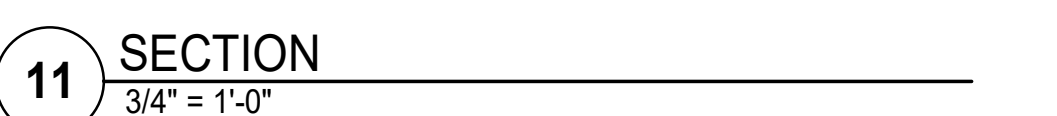
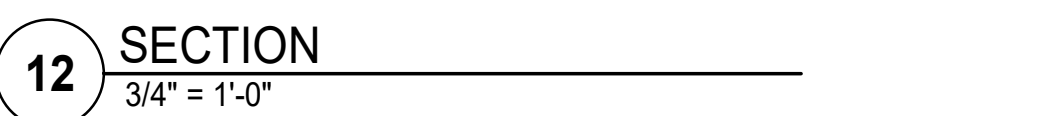
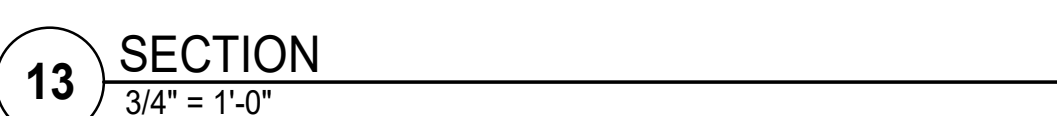
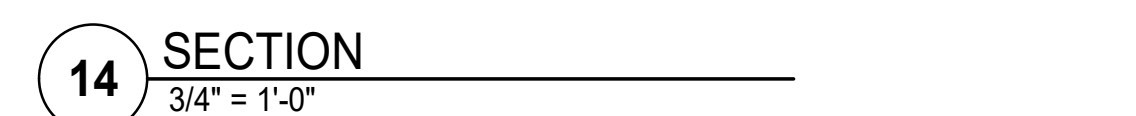
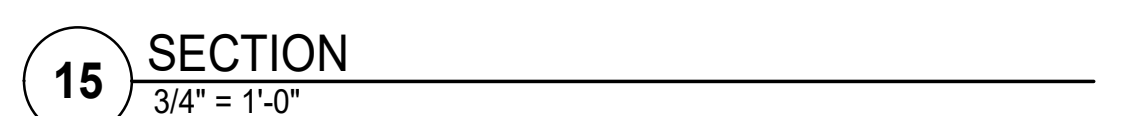
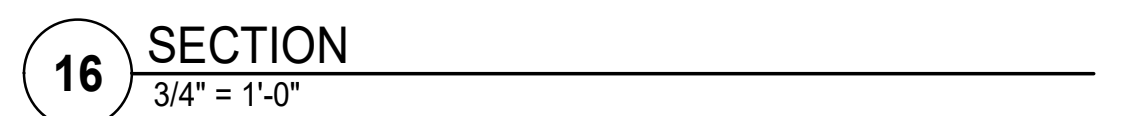
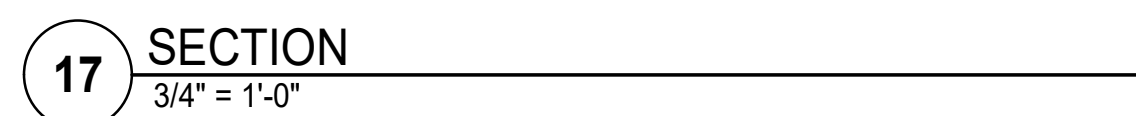
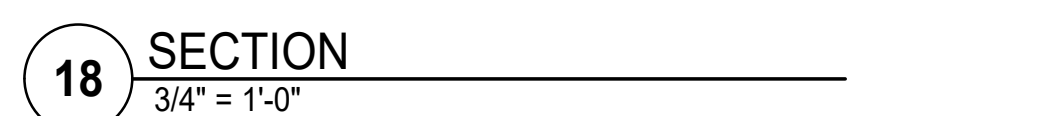
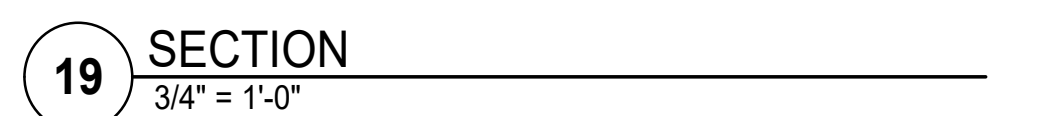
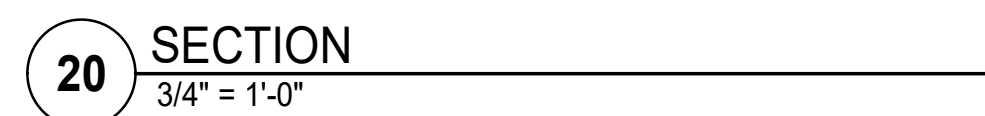
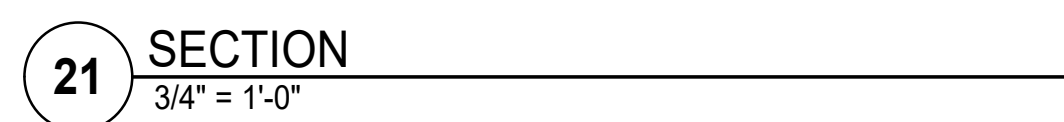
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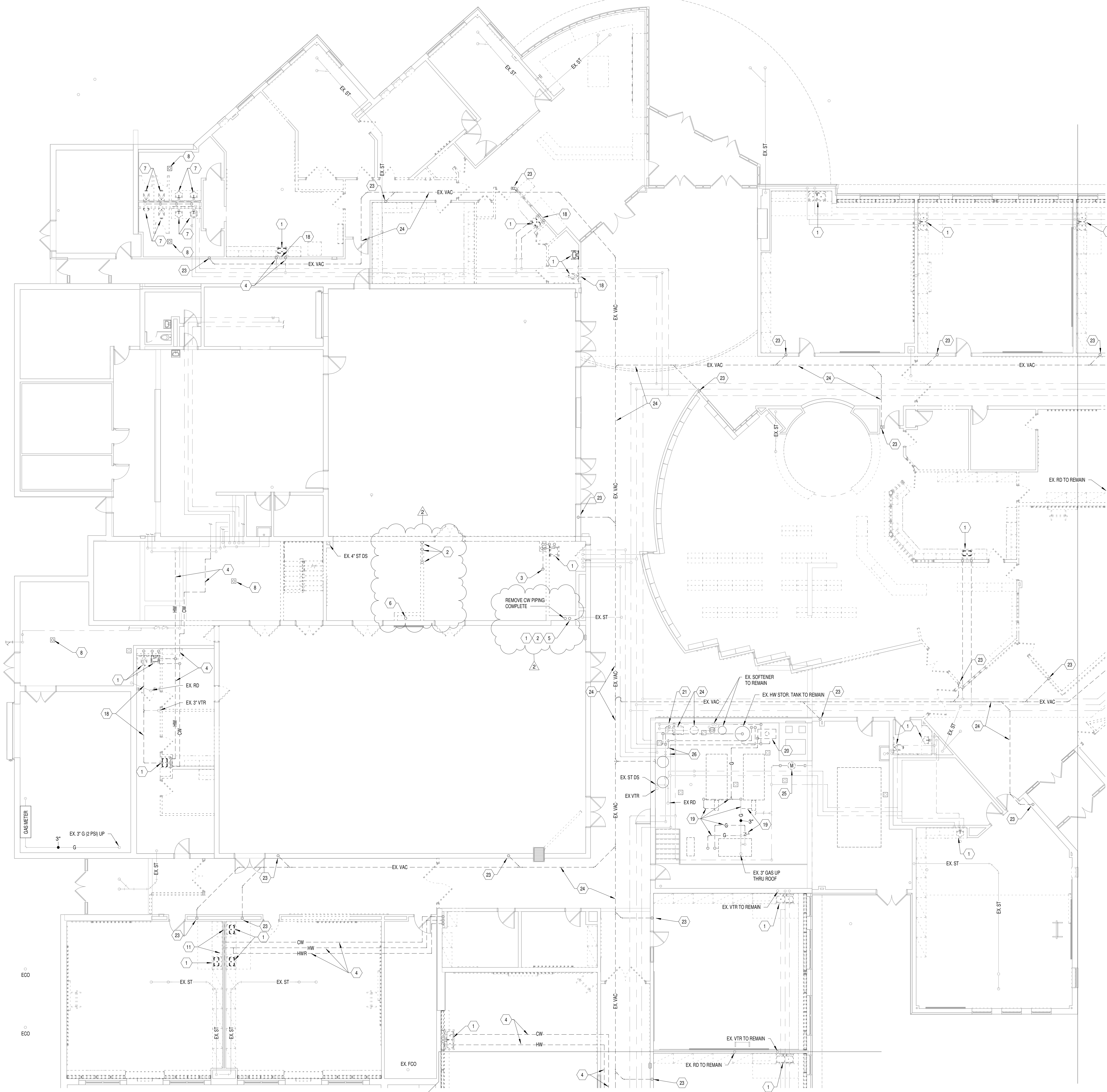
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PROJECT NUMBER:
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CRPE No. 200085-2000

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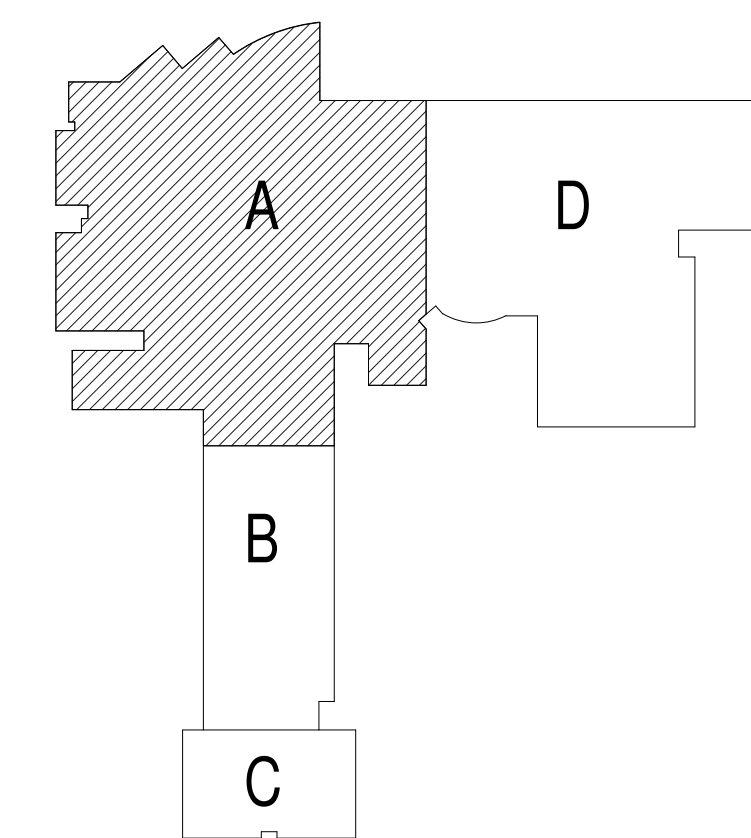




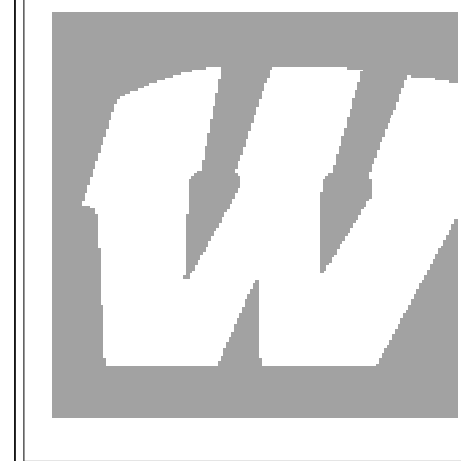
1 FIRST FLOOR PLUMBING DEMOLITION
PLAN - UNIT A
1/8" = 1'-0"

PLUMBING DEMOLITION NOTES

- 1 REMOVE FIXTURE AND TRIM, ROUGH-IN'S AND PIPING COMPLETE. REFER TO NEW WORK.
- 2 REMOVE SANITARY PIPING TO BELOW FLOOR SLAB AND CAP. PATCH FLOOR TO MATCH EXISTING AND PREP FOR NEW FINISHES.
- 3 REMOVE FLOOR DRAIN AND CAP WASTE BELOW FLOOR. PATCH FLOOR TO MATCH EXISTING AND PREP FOR NEW FINISHES.
- 4 REMOVE EXISTING DOMESTIC WATER PIPING AS SHOWN.
- 5 REMOVE SANITARY VENT PIPING AS SHOWN.
- 6 REMOVE STORM PIPING AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 7 REMOVE FIXTURE, TRIM AND CARRIERS AS REQUIRED. PREP FOR NEW FIXTURE, TRIM AND CARRIERS. REFER TO NEW WORK.
- 8 EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED. REFER TO NEW WORK.
- 9 REMOVE WALL HYDRANT AND CAP AT SOURCE.
- 10 REMOVE EXISTING CW, HW AND WASTE AND VENT PIPING COMPLETE. PREP FOR NEW ROUTING.
- 11 REMOVE SANITARY & VENT PIPING ALONG WITH DOMESTIC WATER MANIFOLD PIPING SERVING FIXTURES AND PREP FOR NEW FIXTURES AND ROUTING.
- 12 EXISTING FLOOR DRAIN TO REMAIN.
- 13 REMOVE EXISTING SANITARY SEWER PIPING AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 14 REMOVE EXISTING CW, HW, AND HWR PIPING TO BELOW SLAB. CAP AND ABANDON IN PLACE.
- 15 REMOVE EXISTING SANITARY WASTE PIPING.
- 16 VERIFY LOCATION OF EXISTING FLOOR CLEAOUT AND REMOVE AND RELOCATE IF REQUIRED. REFER TO NEW WORK.
- 17 DASHED LINE INDICATES OUTLINE OF FLOOR CUTTING FOR REMOVAL AND REPLACEMENT OF SANITARY DRAINS.
- 18 REMOVE VENT PIPING DOWN. VENT THRU ROOF TO REMAIN. PREP FOR REROUTING.
- 19 REMOVE GAS PIPING TO BOILERS AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 20 REMOVE DOMESTIC WATER HEATER, AND CIRCULATING PUMPS AND ASSOCIATED PIPING AS INDICATED AND PREP FOR NEW EQUIPMENT. EXISTING STORAGE TANK TO REMAIN. REFER TO NEW WORK.
- 21 REMOVE THERMOSTATIC MIXING VALVE AND PREP FOR NEW TMV. REFER TO NEW WORK.
- 22 REMOVE GAS PIPING TO WATER HEATER AS SHOWN AND PREP FOR NEW ROUTING.
- 23 REMOVE EXISTING VACUUM INLET AND ASSOCIATED TUBING AS SHOWN.
- 24 REMOVE EXISTING CENTRAL VACUUM SYSTEM COMPLETE.
- 25 REMOVE WATER METER AND ASSOCIATED PIPING AND PREP FOR REROUTING. REFER TO NEW WORK.
- 26 REMOVE HOT WATER CIRCULATION PUMPS AND PIPING. PREP FOR REROUTING.



KEYPLAN



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PROJECT:
**MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL**
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract. The drawings are not intended to be a contract.

REVISIONS:
2 ADDENDUM 2 08/12/2022

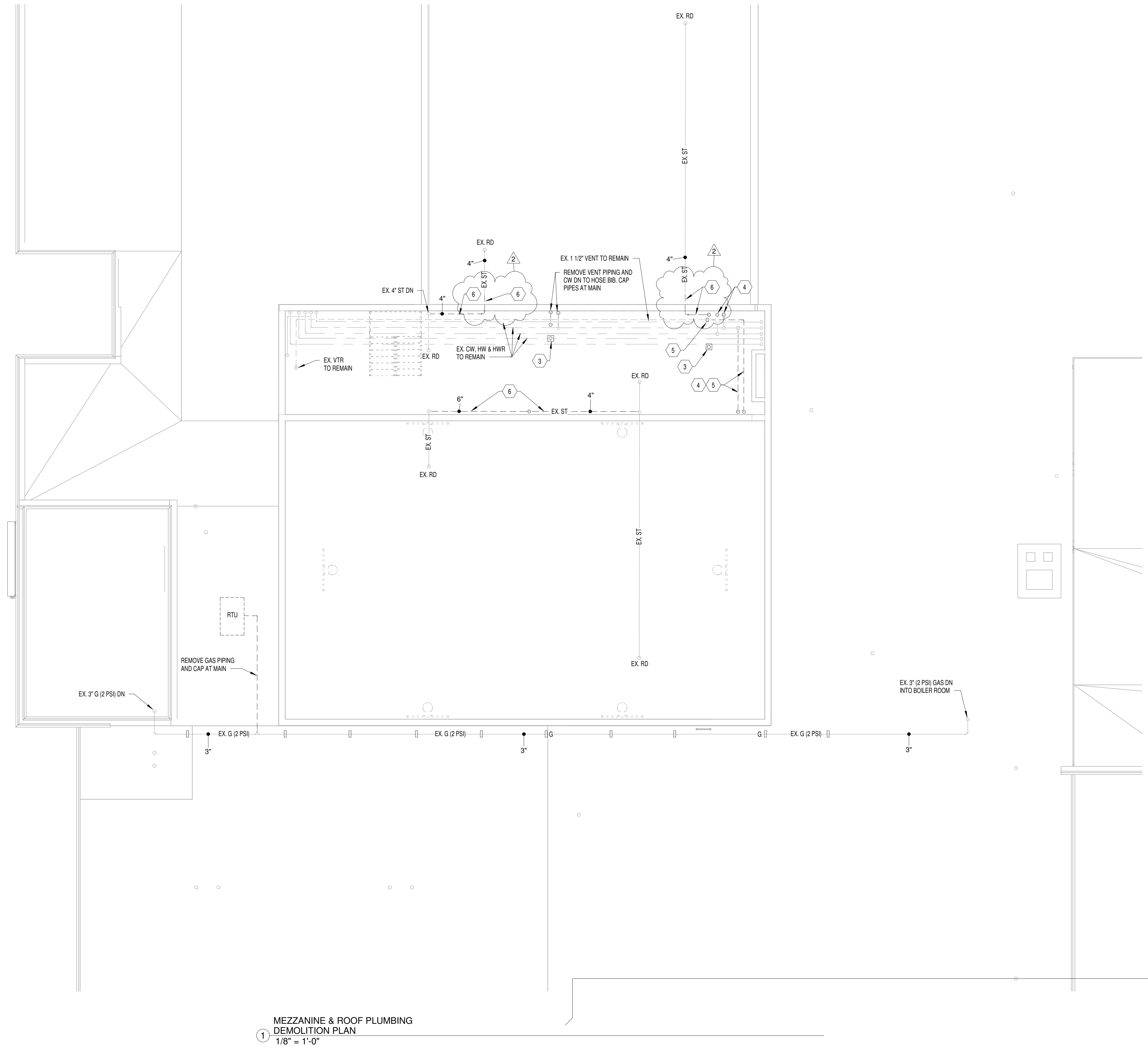
ISSUE DATE 07/25/22
DRAWN BY GAB
CHECKED BY WWH

DRAWING TITLE:
**FIRST FLOOR
PLUMBING
DEMOLITION
PLAN - UNIT A**

CERTIFIED BY:
No. PE60021458
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
PD201A

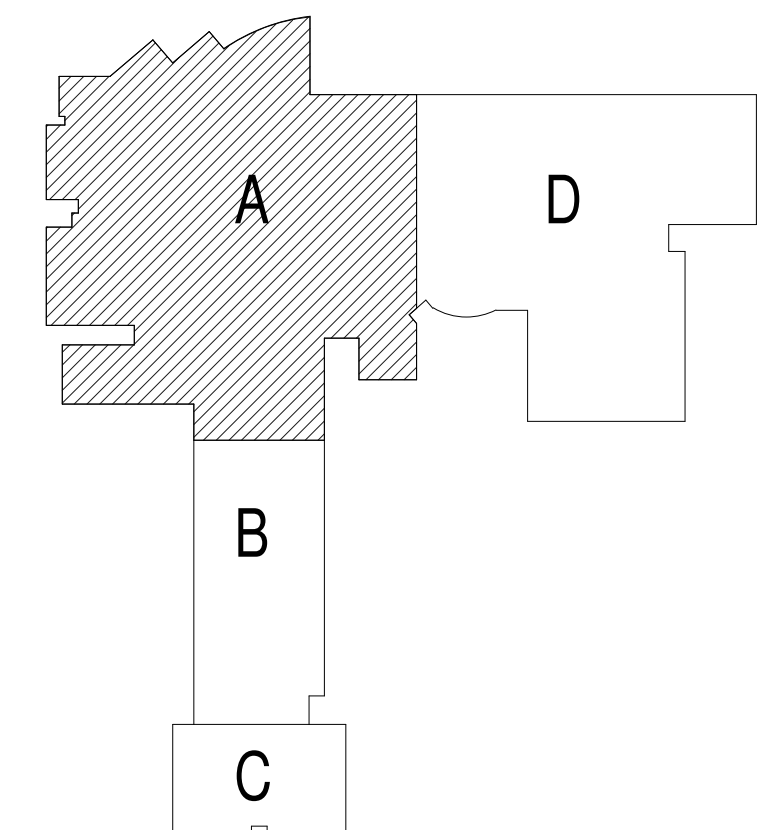
PROJECT NUMBER
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1 MEZZANINE & ROOF PLUMBING
DEMOLITION PLAN
1/8" = 1'-0"

PLUMBING DEMOLITION NOTES

- 1 REMOVE FIXTURE AND TRIM, ROUGH-IN'S AND PIPING COMPLETE. REFER TO NEW WORK.
- 2 REMOVE SANITARY PIPING TO BELOW FLOOR SLAB AND CAP. PATCH FLOOR TO MATCH EXISTING AND PREP FOR NEW FINISHES.
- 3 REMOVE FLOOR DRAIN AND CAP WASTE BELOW FLOOR. PATCH FLOOR TO MATCH EXISTING AND PREP FOR NEW FINISHES.
- 4 REMOVE EXISTING DOMESTIC WATER PIPING AS SHOWN.
- 5 REMOVE SANITARY VENT PIPING AS SHOWN.
- 6 REMOVE STORM PIPING AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 7 REMOVE FIXTURE, TRIM AND CARRIERS AS REQUIRED. PREP FOR NEW FIXTURE, TRIM AND CARRIERS. REFER TO NEW WORK.
- 8 EXISTING FLOOR DRAIN TO BE REMOVED AND REPLACED. REFER TO NEW WORK.
- 9 REMOVE WALL HYDRANT AND CAP AT SOURCE.
- 10 REMOVE EXISTING CW, HW AND WASTE AND VENT PIPING COMPLETE. PREP FOR NEW ROUTING.
- 11 REMOVE SANITARY & VENT PIPING ALONG WITH DOMESTIC WATER MANIFOLD PIPING SERVING FIXTURES AND PREP FOR NEW FIXTURES AND ROUTING.
- 12 EXISTING FLOOR DRAIN TO REMAIN.
- 13 REMOVE EXISTING SANITARY SEWER PIPING AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 14 REMOVE EXISTING CW, HW, AND HWR PIPING TO BELOW SLAB. CAP AND ABANDON IN PLACE.
- 15 REMOVE EXISTING SANITARY WASTE PIPING.
- 16 VERYFY LOCATION OF EXISTING FLOOR CLEAOUT AND REMOVE AND RELOCATE IF REQUIRED. REFER TO NEW WORK.
- 17 DASHED LINE INDICATES OUTLINE OF FLOOR CUTTING FOR REMOVAL AND REPLACEMENT OF SANITARY DRAINS.
- 18 REMOVE VENT PIPING DOWN. VENT THRU ROOF TO REMAIN. PREP FOR REROUTING.
- 19 REMOVE GAS PIPING TO BOILERS AS SHOWN AND PREP FOR REROUTING. REFER TO NEW WORK.
- 20 REMOVE DOMESTIC WATER HEATER, AND CIRCULATING PUMPS AND ASSOCIATED PIPING AS INDICATED AND PREP FOR NEW EQUIPMENT. EXISTING STORAGE TANK TO REMAIN. REFER TO NEW WORK.
- 21 REMOVE THERMOSTATIC MIXING VALVE AND PREP FOR NEW TMV. REFER TO NEW WORK.
- 22 REMOVE GAS PIPING TO WATER HEATER AS SHOWN AND PREP FOR NEW ROUTING.
- 23 REMOVE EXISTING VACUUM INLET AND ASSOCIATED TUBING AS SHOWN.
- 24 REMOVE EXISTING CENTRAL VACUUM SYSTEM COMPLETE.
- 25 REMOVE WATER METER AND ASSOCIATED PIPING AND PREP FOR REROUTING. REFER TO NEW WORK.
- 26 REMOVE HOT WATER CIRCULATION PUMPS AND PIPING. PREP FOR REROUTING.



KEYPLAN



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MECHANICAL / ELECTRICAL ENGINEERS

PROJECT:
**MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL**
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of mechanical design concepts, the elimination of existing mechanical and electrical systems, and the work required for full performance and completion of the requirements of the Contract.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
2 ADDENDUM 2 08/12/2022

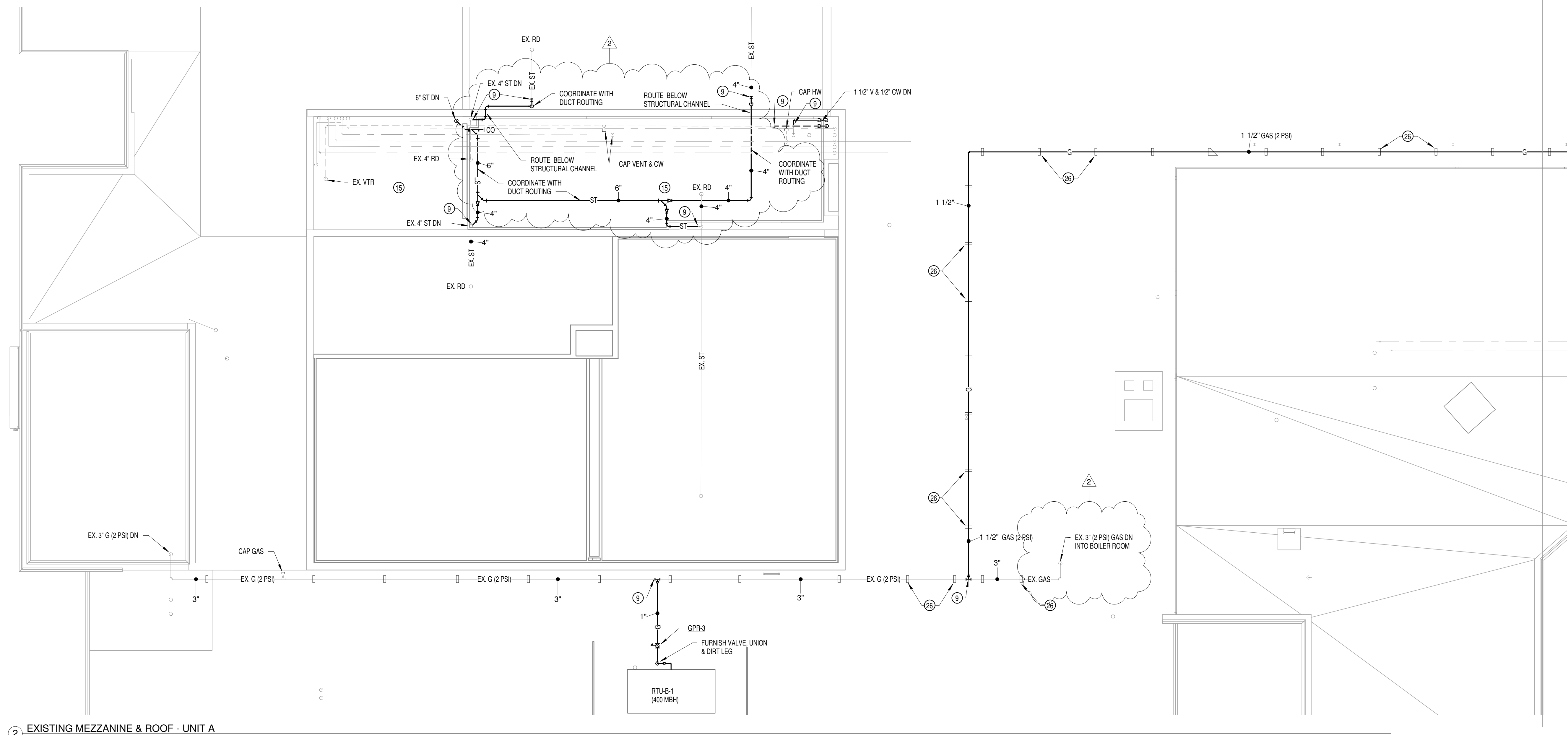
ISSUE DATE	DRAWN BY	CHECKED BY
07/25/22	GAB	WWH

DRAWING TITLE:
**MEZZANINE &
ROOF LEVEL
PLUMBING
DEMOLITION
PLAN UNIT A**

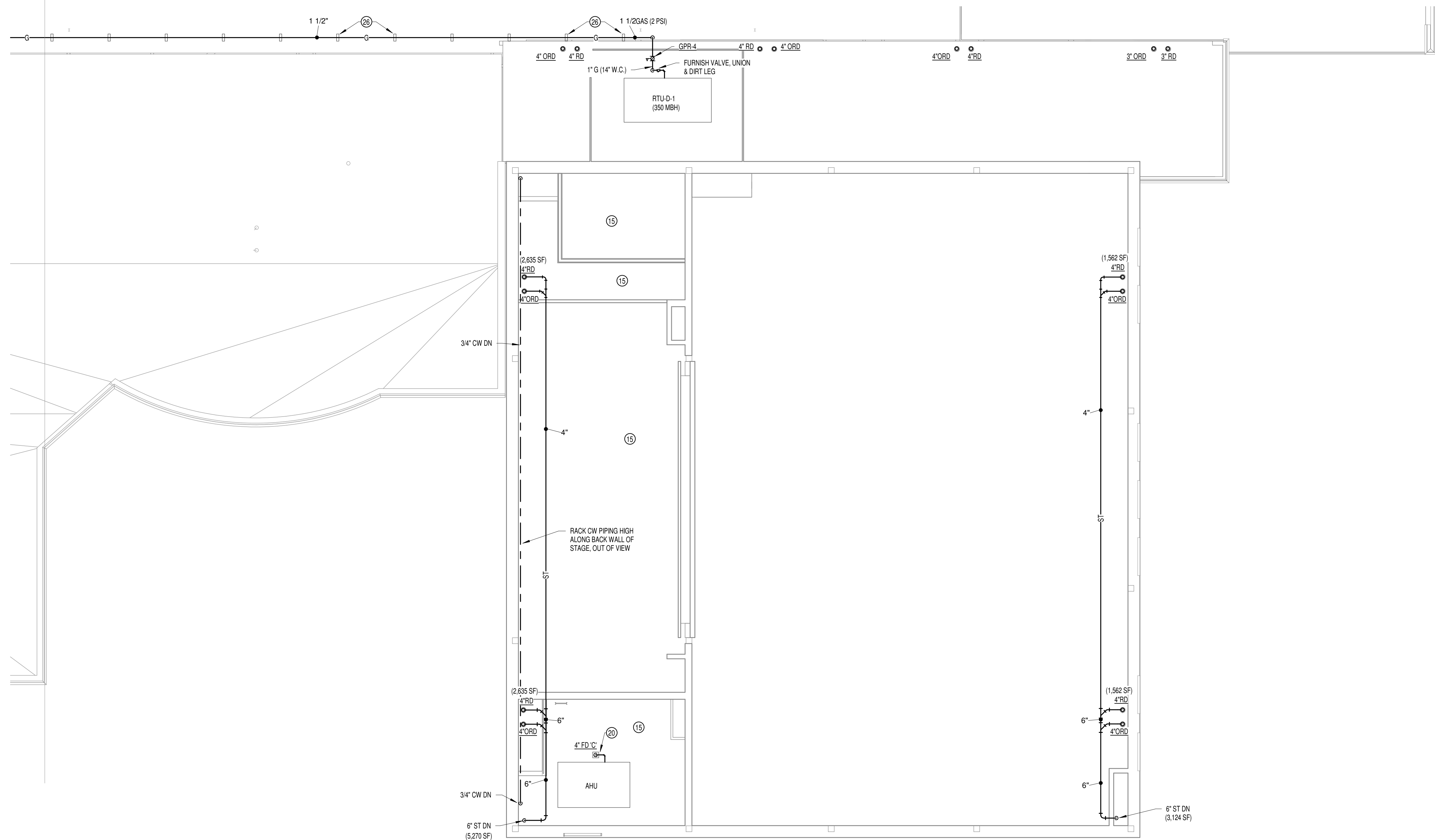


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PROJECT NUMBER
2021054/1404



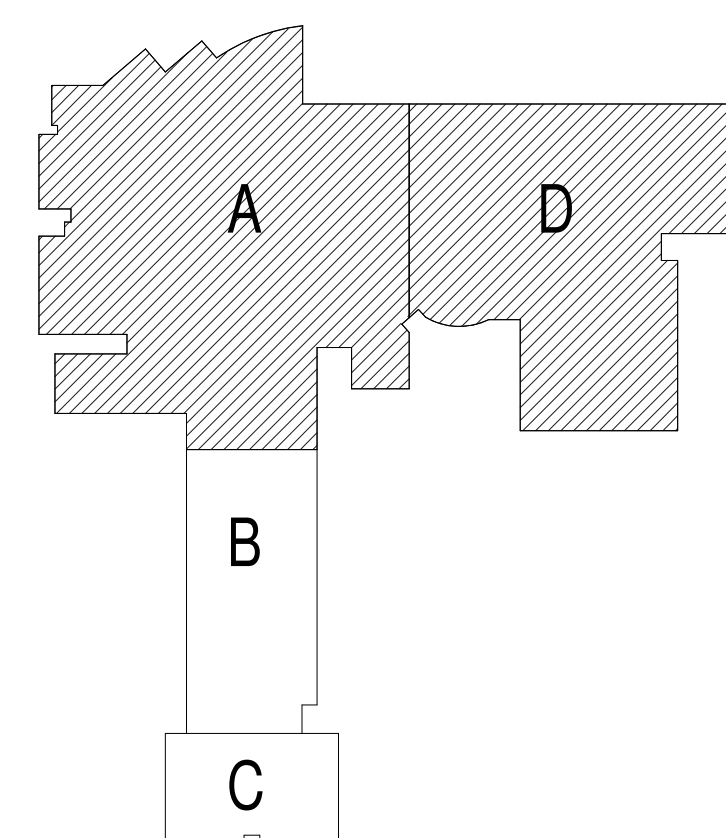
2 EXISTING MEZZANINE & ROOF - UNIT A
1/8" = 1'-0"



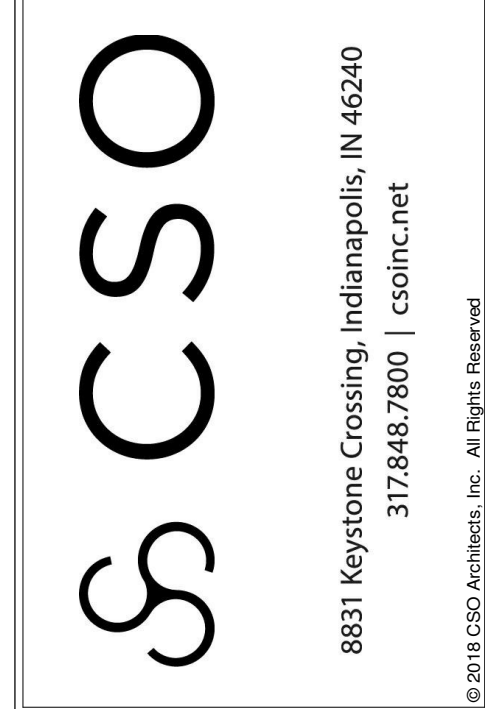
1 MEZZANINE & ROOF PLUMBING PLAN -
UNIT D
1/8" = 1'-0"

PLUMBING PLAN NOTES

- 1" CW, 4" WASTE AND 2" VENT AT EACH WATER CLOSET.
- 3/4" CW, 2" WASTE AND 1 1/2" VENT AT EACH URINAL.
- 1/2" HW AND CW, 1 1/2" TRAP AND DRAIN ARM, 1 1/2" WASTE AND VENT AT EACH LAVATORY.
- 1/2" HW AND CW, 1 1/2" TRAP AND DRAIN ARM, 1 1/2" WASTE AND VENT AT EACH SINK.
- 1/2" CW, 1 1/4" TRAP AND DRAIN ARM, 1 1/2" WASTE AND VENT AT EACH WATER COOLER.
- 3/4" CW AND HW, 3" WASTE AND 1 1/2" VENT AT MOP BASIN. 3/4" HW TO RPZ ON ADJACENT WALL.
- 3/4" CW TO NON-FREEZE WALL HYDRANT AT 18" ABOVE GRADE.
- HOT WATER RECIRCULATION BALANCING VALVE STATION SET T 1.0 GPM. REFER TO DETAIL.
- CONNECT TO EXISTING SERVICES AND EXTEND AS SHOWN. FIELD VERIFY FOR EXACT LOCATION.
- STORM CONDUCTOR WITH WALL CLEANOUT AT BASE 18" A.F.F. WITH COVER.
- FIRE SERVICE ENTRANCE WITH DOUBLE CHECK DETECTOR ASSEMBLY BACKFLOW PREVENTER. REFER TO EQUIPMENT SCHEDULE ON SHT. P301 AND PIPING DETAIL ON SHT. P302.
- FIRE RISER. REFER TO PIPING DETAIL.
- 2" CW & 3/4" HW DOWN INTO CHASE. EXTEND FULL SIZE HEADER TO FIXTURES. PROVIDE WATER HAMMER ARRESTER PRIOR TO FINAL FLUSH VALVE FIXTURE. REFER TO PIPING DETAIL.
- 2" CW DN TO 2" MANIFOLD. EXTEND TO FIXTURES AN MAKE FINAL CONNECTION. PROVIDE WATER HAMMER ARRESTOR PRIOR TO FINAL FLUSHVALVE FIXTURE.
- PROVIDE NFPA 13 COVERAGE THROUGHOUT NEW ADDITION AS WELL AS ENTIRE EXISTING BUILDING.
- 1 1/2" CW & 3/4" HW DN TO MANIFOLD. EXTEND FULL SIZE TO FIXTURES. PROVIDE WATER HAMMER ARRESTER PRIOR TO FINAL FLUSHVALVE FIXTURE.
- 1 1/2" GAS (14" W.C.) DOWN TO BOILER WITH UNION, VALVE, AND DIRT LEG. REFER TO DETAIL.
- CAP AND ABANDON DOMESTIC WATER LINES BELOW SLAB. EXTEND 1/2" CW TO ICE MAKER SUPPLY VALVE BOX (IMB-1).
- EXTEND 1" TRAPPED CONDENSATE DRAIN TO FLOOR DRAIN AND TERMINATE WITH AIR GAP.
- 1 1/2" CW DN TO 1 1/2" MANIFOLD. EXTEND TO FIXTURES AN MAKE FINAL CONNECTION. PROVIDE WATER HAMMER ARRESTOR PRIOR TO FINAL FLUSHVALVE FIXTURE.
- DASHED LINE INDICATES OUTLINE OF FLOOR CUTTING FOR REMOVAL OR REPLACEMENT OF SANITARY DRAIN LINES. PATCH FLOOR TO MATCH EXISTING AND PREP FOR NEW FINISHES.
- PATCH HOLE IN WALL AND PREP WALL FOR NEW FINISHES.
- NEW DOMESTIC WATER HEATER, EXPANSION TANK AND CIRCULATING PUMPS. REFER TO PIPING DETAIL.
- EXISTING GAS METER LOAD: 8,424 CFH. NEW GAS LOAD: 5,750 CFH. COORDINATE REPLACEMENT OF REGULATOR IF REQUIRED WITH UTILITY.
- PROVIDE ROOF PIPE SUPPORTS AT 8' INTERVALS. REFER TO SPECIFICATIONS FOR SUPPORTS.
- DOMESTIC WATER SERVICE ENTRANCE WITH WATER METER AND BACKFLOW PREVENTERS RPZ-2 & RPZ-3. REFER TO PIPING DETAIL.
- PROVIDE TAILPIECE WITH 3/4" SIDE DRAIN INLET FOR CONDENSATE DRAIN CONNECTION.



KEYPLAN



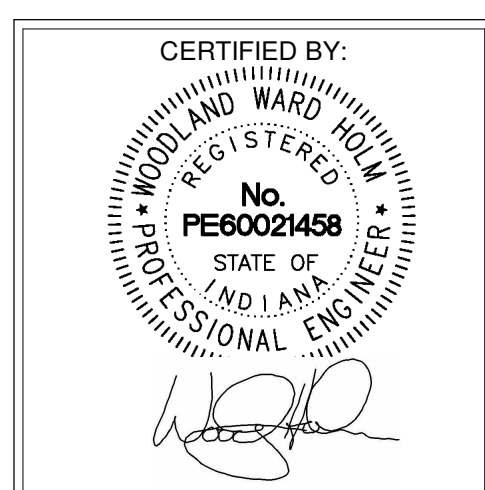
PROJECT:
**MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL**
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project. The drawings are not intended to be a contract. The drawings do not necessarily indicate or describe all work required for full performance and completion of the project. On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
2 ADDENDUM 2 08/12/2022

ISSUE DATE 07/25/22
DRAWN BY GAB
CHECKED BY WWH

DRAWING TITLE:
**MEZZANINE &
ROOF LEVEL
PLUMBING PLAN
UNIT A AND D**

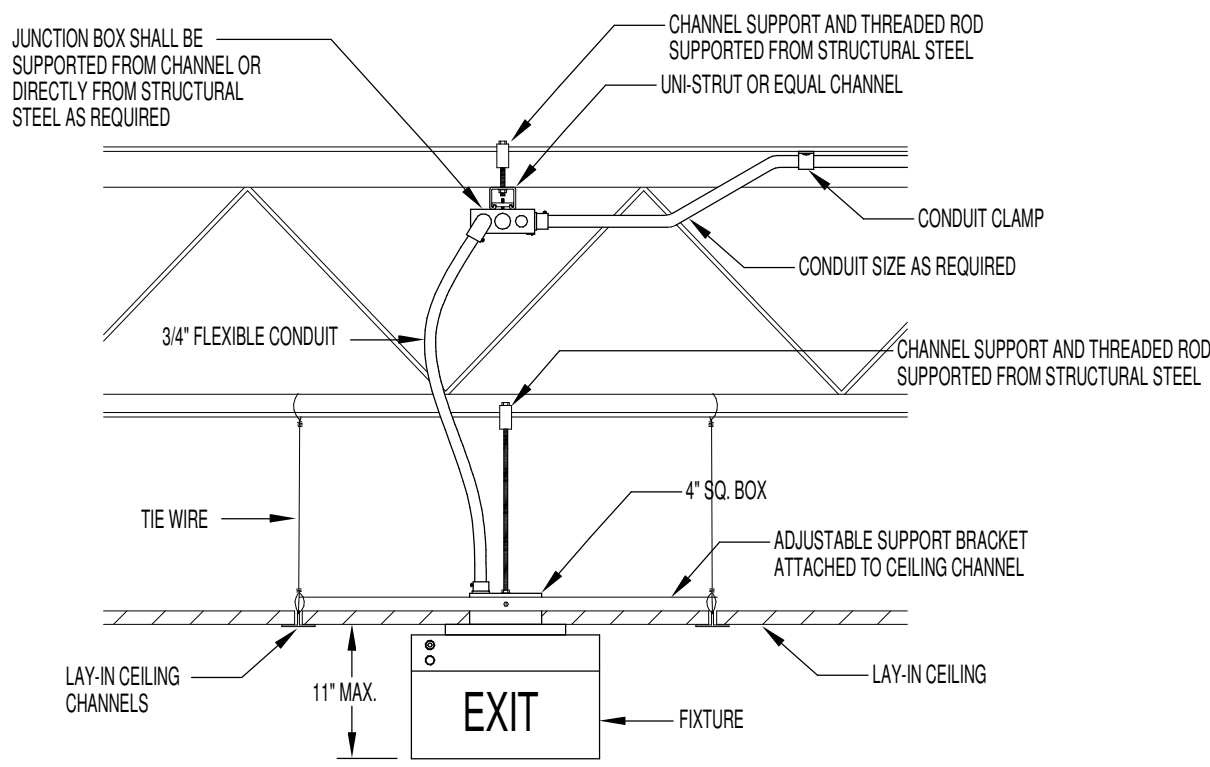


DRAWING NUMBER
P202AD

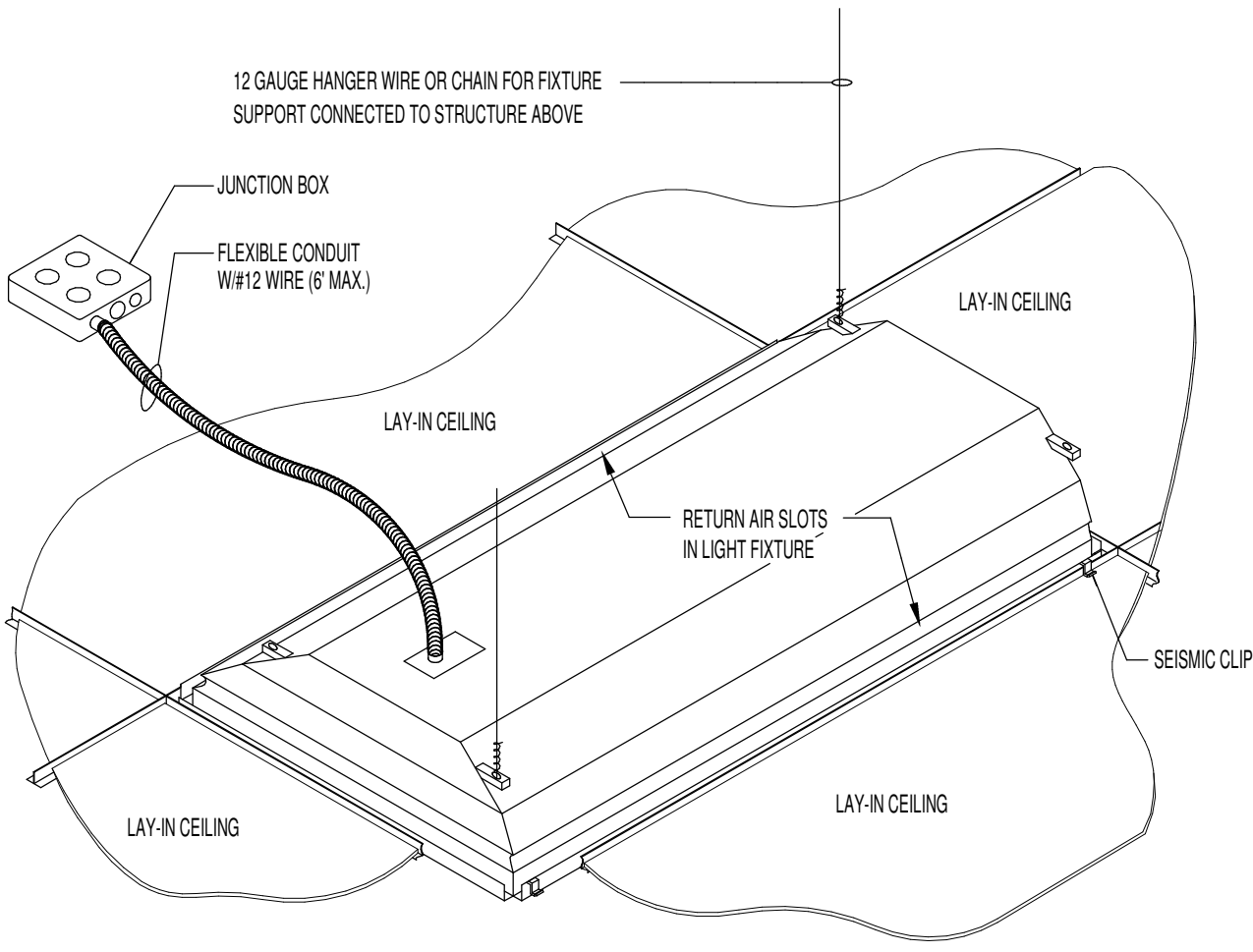
PROJECT NUMBER
2021054/1404

OCCUPANCY SENSOR SCHEDULE		
SYMBOL	TYPE	DESCRIPTION
	DIM	WALL MOUNT SINGLE POLE DIMMER SWITCH, 0-10V DIMMING
	OS1	CEILING MOUNT OCCUPANCY SENSOR
	OS2	WALL OCCUPANCY SENSOR WITH ON/OFF SWITCH
NOTES:		
1. ALL SENSOR LOCATIONS ARE APPROXIMATE. REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION.		
2. LOCATE ULTRASONIC SENSORS MINIMUM 6' FROM HVAC SUPPLY AND RETURN VENTS.		
3. CONTRACTOR IS RESPONSIBLE FOR PROPER SENSITIVITY AND TIME DELAY SETTINGS. RECOMMENDED PLACEMENT AND FIELD VERIFICATION OF CIRCUITS WITHIN RESPECT TO POWER PLACEMENT.		
4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED NUMBER OF POWER AND CONTROL MODULES.		
5. SENSORS MOUNTED OVER THE DOOR MUST BE PLACED ONE FOOT INSIDE THE THRESHOLD.		
6. CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THE SENSOR BILL OF MATERIALS COMPLIES WITH THE SENSOR DESIGN AND LAYOUT SPECIFICATIONS.		
7. CONTRACTOR IS RESPONSIBLE FOR INSTALLING EQUIPMENT IN COMPLIANCE WITH LOCAL CODE.		
8. PROVIDE A CONTACT TO CONTROL HVAC SYSTEM WITHIN THE ROOM AS THE SENSOR		
9. LIGHTS ARE OCCUPANCY AUTO ON/AUTO OFF UNLESS NOTED OTHERWISE		

CONTACTOR SCHEDULE						
CONTACTOR	LOAD	TYPE	CONTACT RATING	POLE QTY	COIL VOLTAGE	CIRCUITS CONTROLLED
BL-1	BUILDING EXTERIOR	MECH-HELD	30A	3	120	LA28
GM-1	GYMNASIUM	ELEC-HELD	30A	3	120	LA30,32,34,36
NOTES:						
1. HOA CONTROL						
2. CONNECT TO TEMPERATURE CONTROL SYSTEM FOR CLOCK INPUT						



LAY-IN CEILING EXIT LIGHT INSTALLATION DETAIL
NO SCALE

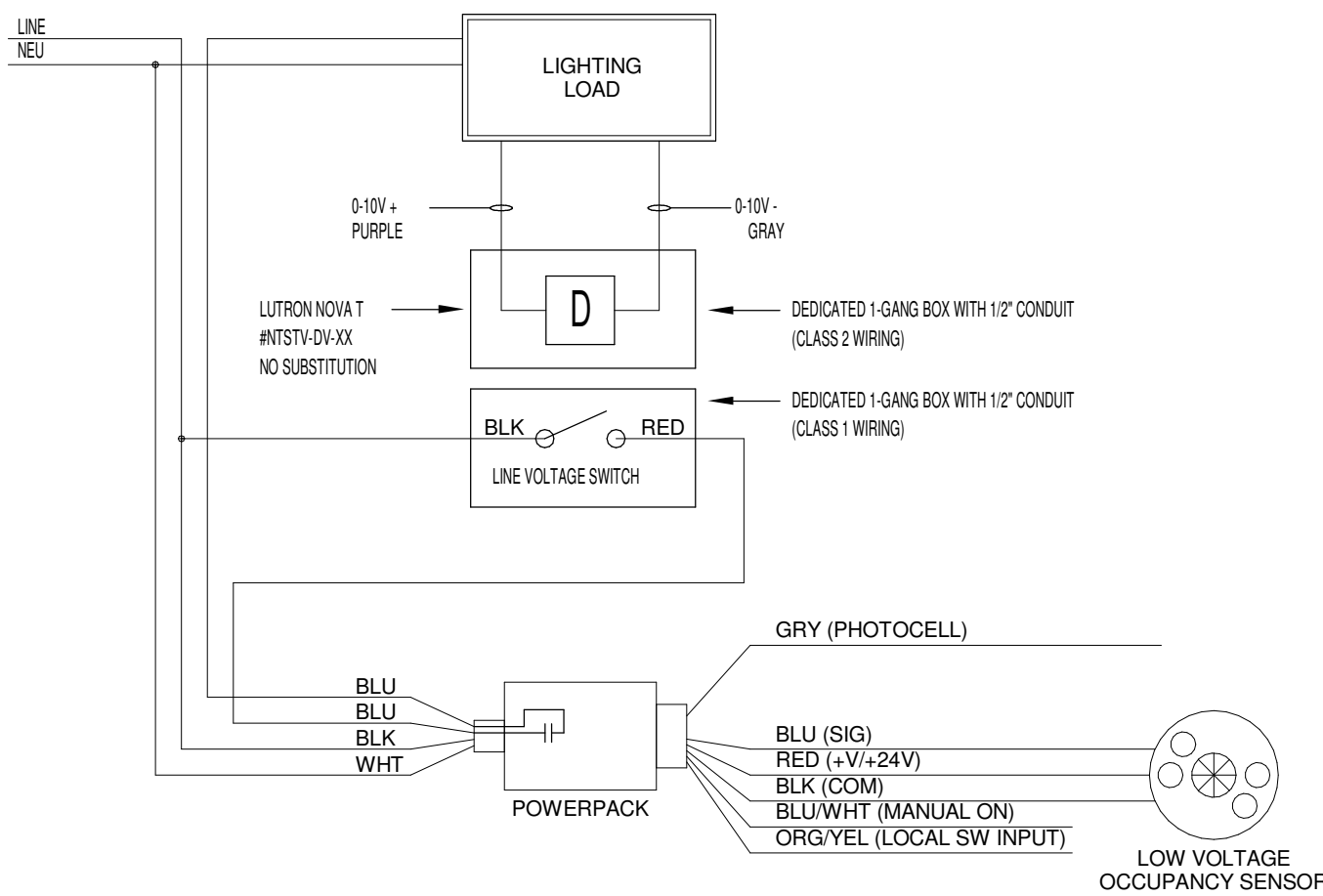


LAY-IN LIGHT FIXTURE DETAIL
NO SCALE

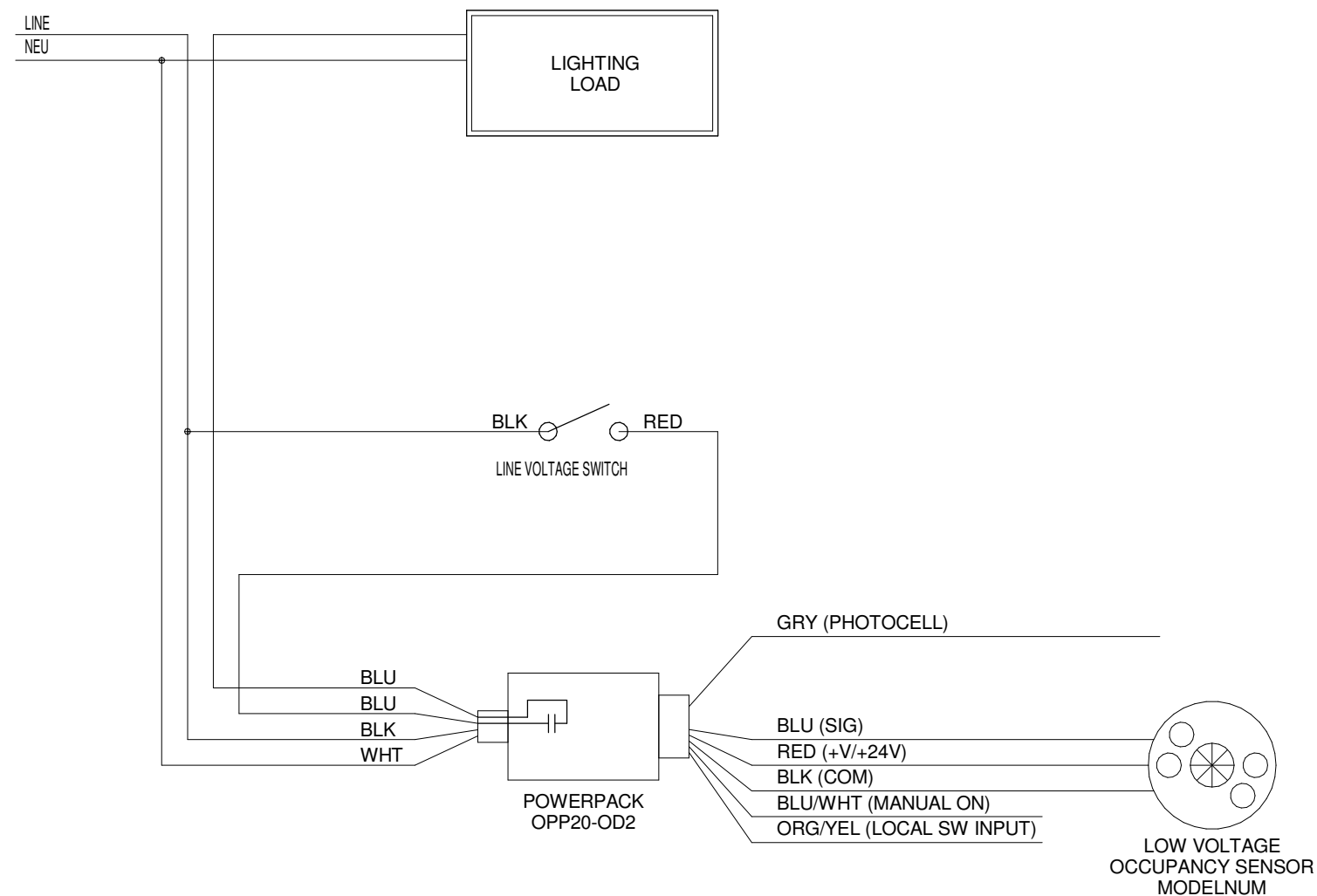
THEATRICAL LIGHTS						
TYPE	DESCRIPTION	VOLT	LAMP NO. and TYPE	MOUNT	LENS	REMARKS
K1	(5) FIVE 1/2" BORDER LIGHT - BAKED BLACK ENAMEL FINISH 1/8" GAUGE EXTRUDED AND SHEET ALUMINUM CONSTRUCTION, ACCESSORY SLOTS PER COMPARTMENT, CONVECTION COOLED, NEUTRIK POWER CAN INPUT/OUTPUT CONNECTOR, COLOR MIXING LIGHT ENGINES FOR RGB-A, 10,000 HOUR LED LIFE DMX 512A VIA 5 PIN XLR WITH 8 OR 16 BIT RESOLUTION, SELECTABLE PER LIGHT ENGINE PER FIXTURE. PRESET CONFIGURATION FOR CELL BY CELL, WHOLE FIXTURE, 1 OR 4 CIRCUIT EMULATION CONTROL	120	RGB-A LED	Pipe Batten BLACK SAFETY CABLE		INCLUDE: ALL HARDWARE & ACCESSORIES REQUIRED PER OWNER & MANUFACTURER
DMX512 SEVEN SEVEN CONTROLLER RGB-A CAPABLE THREE WALL BOX MOUNTED AND ONE REMOTE MOUNT CONTROL LOCATIONS						
NOTES:						
1. LIGHT FIXTURE DESIGNATIONS ARE THE SAME FOR LAY-IN CEILING AND DRY WALL CEILING. CONTRACTOR TO VERIFY CEILING TYPE PRIOR TO ORDERING FIXTURES.						
2. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION OF LIGHT FIXTURES ACCORDING TO MANUFACTURERS RECOMMENDATIONS.						
3. ALL FIXTURES TO BE LISTED IN THESE CONFIGURATIONS BY DESIGN LIGHT CONSORTIUM.						
4. ALL FIXTURES REQUIRED TO INCLUDE "LIGHTING FACTS" SHEET.						
5. MANUFACTURERS OR TYPES NOT LISTED MUST BE EQUAL TO THOSE SPECIFIED AND APPROVED BY THE ENGINEER.						

EXTERIOR LED LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	VOLT	LAMP NO. and TYPE	MOUNT	LENS	REMARKS
LE1	8' APERTURE DOWNLIGHT NOMINALLY 5' 1/2" W X 5' 1/2" D STEEL HOUSING, LED AND DRIVER ACCESSIBLE FROM BELOW, L7@890K HOURS	MOVOLT	3000 LUMENS 4000K	SOFFIT RECESSED	LENSED	(ONE HIGH EFFICIENCY COLD WEATHER DRIVER 30 INPUT WATTS
LE2	WALLPACK, WET LABEL TYPE 3 MEDIUM DISTRIBUTION, DARK BRONZE FINISH HEIGHT INDICATED ON PLANS	MOVOLT	5000 LUMEN 4000K	WALL		(ONE HIGH EFFICIENCY COLD WEATHER DRIVER 50 INPUT WATTS
LE3	SURFACE MOUNTED ROUND LED SOFFIT LIGHT; FULL LENSE, 1" DIAMETER, WET LABEL; DARK BRONZE FINISH	MOVOLT	2200 LUMEN 4000K	SURFACE REPLACES RECESSED FIXTURE		(ONE HIGH EFFICIENCY COLD WEATHER DRIVER 24 INPUT WATTS
SEE ELECTRICAL SITE PLAN FOR ADDITIONAL EXTERIOR LIGHT FIXTURE LE4.						
NOTES:						
1. LIGHT FIXTURE DESIGNATIONS ARE THE SAME FOR LAY-IN CEILING AND DRY WALL CEILING. CONTRACTOR TO VERIFY CEILING TYPE PRIOR TO ORDERING FIXTURES.						
2. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION OF LIGHT FIXTURES ACCORDING TO MANUFACTURERS RECOMMENDATIONS.						
3. ALL FIXTURES TO BE LISTED IN THESE CONFIGURATIONS BY DESIGN LIGHT CONSORTIUM.						
4. ALL FIXTURES REQUIRED TO INCLUDE "LIGHTING FACTS" SHEET.						
5. MANUFACTURERS OR TYPES NOT LISTED MUST BE EQUAL TO THOSE SPECIFIED AND APPROVED BY THE ENGINEER.						

EMERGENCY LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	VOLT	LAMP NO. and TYPE	MOUNT	LENS	REMARKS
	NOMINALLY 12-18"W X 6-8"H X 1-1/2"D EXIT LIGHT, CAST ALUMINUM HOUSING WITH MATTED BLACK FINISH, BRUSHED ALUMINUM FACE RED "EXIT" LETTERS, KNOCKOUT ARROWS, DOWNLIGHT DIFFUSER, SOLID STATE TRANSFER SWITCH, LOW VOLTAGE DISCONNECT, TEST SWITCH CHARGE READY LIGHT, LEAD CALCIUM BATTERY, SOLID STATE CHARGER.	120	LED	CEILING OR WALL AS INDICATED		"COLOR BY ARCHITECT
NOTES:						
1. LIGHT FIXTURE DESIGNATIONS ARE THE SAME FOR LAY-IN CEILING AND DRY WALL CEILING. CONTRACTOR TO VERIFY CEILING TYPE PRIOR TO ORDERING FIXTURES.						
2. ELECTRICAL CONTRACTOR IS TO PROVIDE ALL NECESSARY HARDWARE AND ACCESSORIES FOR COMPLETE INSTALLATION OF LIGHT FIXTURES ACCORDING TO MANUFACTURERS RECOMMENDATIONS.						
3. ALL FIXTURES TO BE LISTED IN THESE CONFIGURATIONS BY DESIGN LIGHT CONSORTIUM.						
4. ALL FIXTURES REQUIRED TO INCLUDE "LIGHTING FACTS" SHEET.						
5. MANUFACTURERS OR TYPES NOT LISTED MUST BE EQUAL TO THOSE SPECIFIED AND APPROVED BY THE ENGINEER.						



POWER PACK LINE VOLTAGE SWITCHING
WITH DIMMING WIRING DIAGRAM
NO SCALE



POWER PACK LINE VOLTAGE SWITCHING WIRING DIAGRAM
NO SCALE

LED LIGHT FIXTURE SCHEDULE						
TYPE	DESCRIPTION	VOLT	LAMP NO. and TYPE	MOUNT	LENS	REMARKS
L1	2 1/4" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	4800 LUMENS 4000K	CEILING RECESSED	ARCHITECTURAL	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L1A	SAME AS L1 - HARD CEILING APPLICATION			HARD CEILING RECESSED		
L2	2 1/4" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	6000 LUMENS 4000K	CEILING RECESSED	ARCHITECTURAL	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L3	1 1/4" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	4000 LUMENS 4000K	CEILING RECESSED	ARCHITECTURAL	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L3A	SAME AS L3 - HARD CEILING APPLICATION			HARD CEILING RECESSED		
L4	2 1/2" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	3000 LUMENS 4000K	CEILING RECESSED	ARCHITECTURAL	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L5	2 1/2" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	4000 LUMENS 4000K	CEILING RECESSED	ARCHITECTURAL	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L6	2 1/4" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, FLUSH STEEL DOOR, SPRING LOADED CAM LATCHES, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	4800 LUMENS 4000K	CEILING RECESSED	ACRYLIC	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L7	2 1/4" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, FLUSH STEEL DOOR, SPRING LOADED CAM LATCHES, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	4000 LUMENS 4000K	HARD CEILING RECESSED	ACRYLIC	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L8	2 1/2" TROFFER, 4.5" (MAX.) DIE FORMED CODE GAUGE STEEL HOUSING, FLUSH STEEL DOOR, SPRING LOADED CAM LATCHES, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	3000 LUMENS 3000K	HARD CEILING RECESSED	ACRYLIC	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L9	48" OR 96" PER PLANS, SUSPENDED STRIP LIGHT, WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	5000 LUMENS/48" 4000K	SUSPENDED AIRCRAFT CABLE	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L9S	24" CEILING MOUNTED STRIP LIGHT WHITE BAKED ENAMEL FINISH, L8@890K HOURS	MOVOLT	2000 LUMENS 4000K	HARD CEILING	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L10	24" WALL MOUNTED LIGHT CODE GAUGE COLD ROLLED STEEL HOUSING WHITE BAKED ENAMEL FINISH	MOVOLT	2000 LUMENS 4000K	WALL MOUNT	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L11	48" WALL MOUNTED LIGHT CODE GAUGE COLD ROLLED STEEL HOUSING WHITE BAKED ENAMEL FINISH	MOVOLT	3000 LUMENS 4000K	WALL MOUNT	LENSED	ELECTRONIC DRIVER
L12	4" LED DIRECT RECESSED LINEAR, C.R.S. OR ALUMINUM HOUSING LED AND DRIVER ACCESSIBLE FROM BELOW, COLOR WHITE, CONTINUOUS ROW LENGTH PER PLAN, L8@890K HOURS	MOVOLT	1000 LUMENS/FT 4000K	CEILING RECESSED	DIFFUSE ACRYLIC	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L13	GYMNASIUM LIGHT WITH REFLECTOR, SUSPENDED FROM THE STRUCTURE WITH BOTTOM OF FIXTURE AT APPROXIMATELY 24" AFF, WHITE DIE CAST ALUMINUM HOUSING, CONFIRM MOUNTING TYPE WITH CONTRACTOR.	MOVOLT	2400K LUMENS 4000K	SUSPENDED FROM STRUCTURE	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM 280 INPUT WATTS
L14	8" APERTURE DOWNLIGHT, 1-1 RETROFIT FIXTURE IN EXISTING TO REMAIN HARD CEILING, CONTRACTOR TO CONFIRM SIZE LED AND DRIVER ACCESSIBLE FROM BELOW, L8@890K HOURS	MOVOLT	2000 LUMENS 4000K	HARD CEILING RECESSED	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L15	8" APERTURE DOWNLIGHT, 1-1 RETROFIT FIXTURE IN EXISTING TO REMAIN HARD CEILING, CONTRACTOR TO CONFIRM SIZE LED AND DRIVER ACCESSIBLE FROM BELOW, L8@890K HOURS	MOVOLT	3000 LUMENS 4000K	HARD CEILING RECESSED	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
L16	48" SUSPENDED LINEAR LIGHT, STAGE GENERAL LIGHTING BLACK FINISH, L8@890K HOURS	MOVOLT	5000 LUMENS 4000K	SUSPENDED AIRCRAFT CABLE	LENSED	0-10V DIMMING DRIVER DOWN TO 10% MINIMUM
NOTES:						
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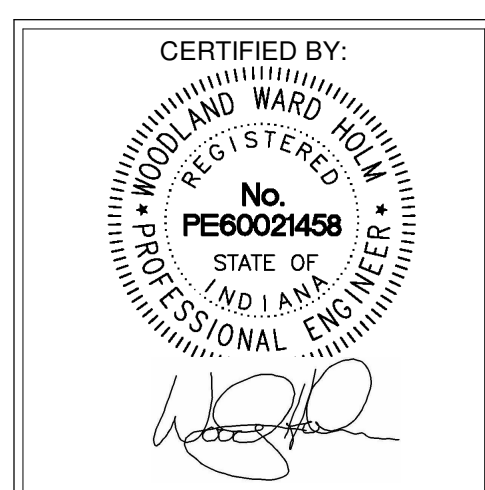
PROJECT:
MSD OF WARREN TOWNSHIP
ADDITIONS AND RENOVATIONS TO
HAWTHORNE ELEMENTARY SCHOOL
8301 RAWLES AVE, INDIANAPOLIS, IN 46219

SCOPE DRAWINGS:
These drawings indicate the general scope of the project
in terms of architectural design concepts, the arrangement of
structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all
work required for full performance and completion of the
requirements of the Contract.
On the basis of the general scope indicated or described,
the trade contractors shall furnish all items required for the
proper execution and completion of the work.

REVISIONS:
2 Addendum 2 8/12/2022

ISSUE DATE DRAWN BY CHECKED BY
7/25/22 SGD WWH

DRAWING TITLE:
ELECTRICAL
SCHEDULES
AND DETAILS



DRAWING NUMBER
E303
PROJECT NUMBER
2021054/1404