

# BRIARCLIFF MANOR U.F.S.D.

## DISTRICT ADMINISTRATION OFFICES

444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

## PHASE 2 BOND IMPROVEMENTS

## AT

### BRIARCLIFF MANOR MIDDLE/ HIGH SCHOOL

444 PLEASANTVILLE RD  
SED No.: 66-14-02-02-0-004-023  
BBS No.: 21-274C

### TODD ELEMENTARY SCHOOL

45 INGHAM RD  
SED No.: 66-14-02-02-0-002-021  
BBS No.: 21-274D



#### BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL

GENERAL INFORMATION  
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CIP-2 FIRST FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
CIP-3 SECOND FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
CIP-4 FIRST FLOOR CONSTRUCTION IMPLEMENTATION PLAN - TODD ELEMENTARY

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A0.02 CODE COMPLIANCE SECOND FLOOR HIGH SCHOOL  
A0.03 CODE COMPLIANCE MIDDLE SCHOOL  
A0.06 PARTITION TYPES  
A1.00 FIRST FLOOR HIGH SCHOOL ABATEMENT PLAN  
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A1.02 DEMOLITION FIRST FLOOR PLAN - AREA D  
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A5.02 BUILDING SECTIONS  
A6.01 WALL SECTIONS - LIGHT WELL  
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A6.10 SECTIONS DETAILS  
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S0.02 SPECIAL INSPECTION NOTES AND SCHEDULE  
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S1.01 ROOF FRAMING PLAN  
S3.00 CONCRETE SECTIONS AND DETAILS  
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M3.02 PROPOSED PIPING PLAN - AREA D  
M3.03 PROPOSED PIPING ROOF PLAN - AREA D & E  
M6.01 TEMPERATURE CONTROL SCHEMATICS SCHEDULE AND NOTES  
M6.01 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
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M6.03 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
M6.04 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
M6.05 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
M6.06 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
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M6.08 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
M6.09 SCHEDULES, EQUIPMENT NOTES AND DETAILS  
M6.10 SCHEDULES, EQUIPMENT NOTES AND DETAILS

#### TODD ELEMENTARY SCHOOL

A0.01 CODE COMPLIANCE NOTES & PARTITION TYPES  
A0.02 OVERALL KEY PLAN  
A1.00 ABATEMENT PLAN  
A1.01 DEMO PLAN RESTROOM AND VESTIBULE  
A1.02 PROPOSED RESTROOM AND VESTIBULE  
A2.01 RAILINGS AND DETAILS  
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A4.01 MASONRY RECONSTRUCTION  
A8.01 DOOR SCHEDULE, FINISH SCHEDULE AND DETAILS  
A10.01 REFLECTED CEILING PLANS

MECHANICAL  
M0.01 MECHANICAL GENERAL NOTES, LEGENDS AND SCHEDULES  
M1.01 HVAC DEMOLITION & PROPOSED PART PLANS  
M6.01 MECHANICAL SCHEDULES & DETAILS

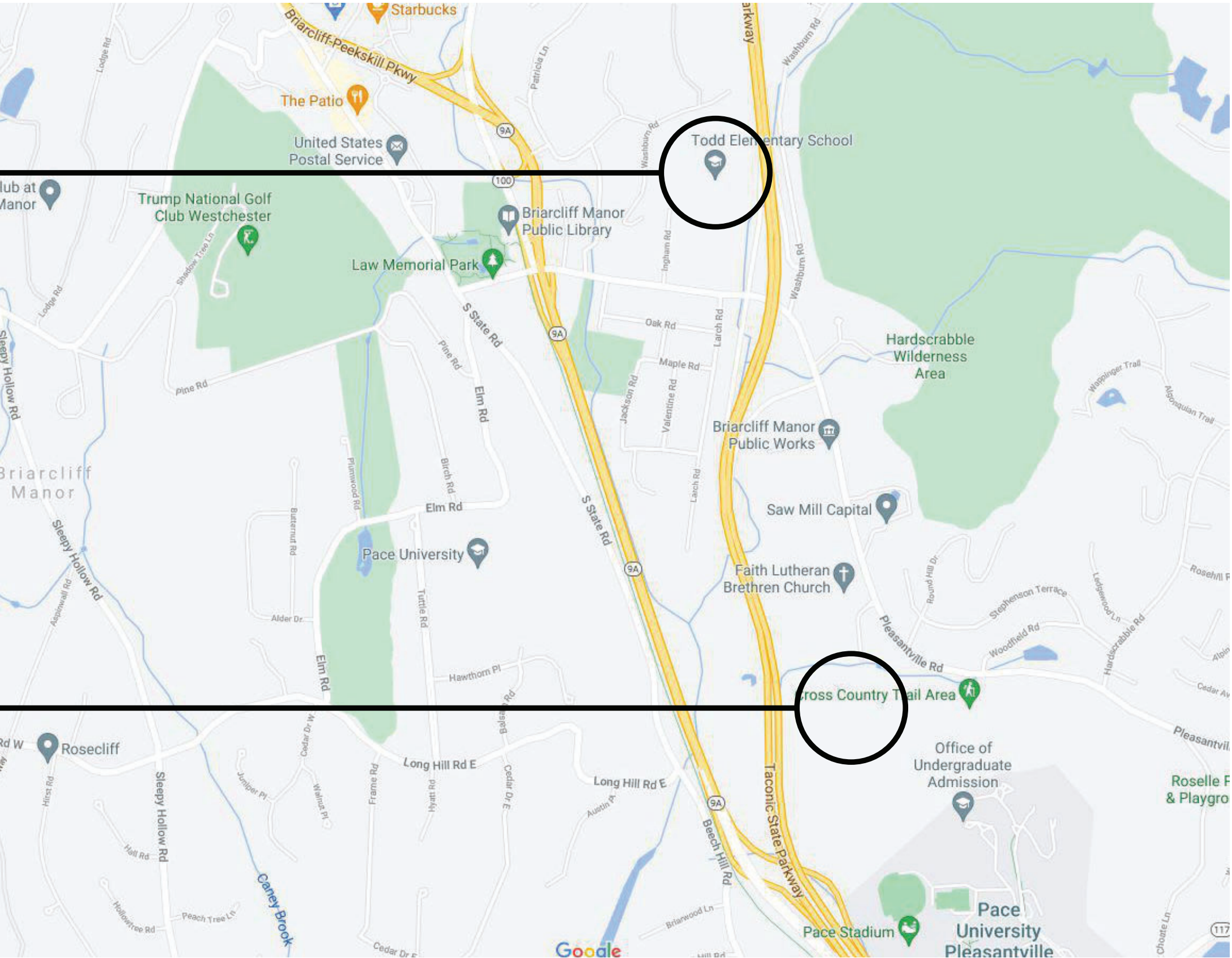
PLUMBING  
P0.01 GENERAL NOTES, LEGENDS & SCHEDULES  
P1.01 DEMOLITION PLANS  
P2.01 PROPOSED PLANS

ELECTRICAL  
E0.01 GENERAL NTOES, LEDGENDS AND DETAILS  
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E6.01 ENLARGED TOILET ROOM PLANS

## LOCATION MAP

TODD ELEMENTARY  
SCHOOL

BRIARCLIFF MANOR  
MIDDLE/ HIGH SCHOOL



# BBS

## ARCHITECTS LANDSCAPE ARCHITECTS ENGINEERS

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WWW.BBSARCHITECTURE.COM

ARCHITECTS CERTIFICATION  
THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF HIS KNOWLEDGE, INFORMATION, AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE CONSTRUCTION STANDARDS OF THE EDUCATION DEPARTMENT.

LAWRENCE SALVESEN, A.I.A.

LIC. No. 020623

T0.01

BBS FILE No. 21-274C HS/MS

21-274D TODD ES

ISSUE FOR BID: NOVEMBER 16, 2022



**Overall Project Scope:**

1. Interior Renovations to Library, Offices, Classrooms
2. Locker Relocations for Egress
3. Handrail/Guardrail Replacements
4. Exterior Masonry Reconstruction
5. Combustion Air Intake Louver Reconstruction
6. Ductwork & Chilled Water Piping Insulation Work
7. Replacement of Rooftop Units, VFD at Cafeteria RTU
8. Acid Neutralization Pit Reconstruction
9. Natural Gas Leak Detection System in Boiler Room
10. Hardwired CO Detectors in Select Areas
11. Select Student Toilet Rooms Reconstruction for ADA

**Contractor Fenced Exterior Staging Area**  
Restore all disturbed areas upon completion of project & demobilization

**Contractor Access to building**

**Construction Trailers. Restore all staging areas after completion of project**

**Contractor Staging Area.**  
Restore all disturbed areas after completion of project.

**Briarcliff Manor Middle/High School Contractor Staging & Laydown Areas**

**CONTRACTOR NOTES:**

1. Dedicated area for Contractor staging, temporary parking, and lay down to be coordinated with CM and Briarcliff Manor UFSD Facilities Department.
2. Emergency Exit points shall be identified and maintained in the existing building in strict compliance with NYSED Commissioner's Rule 155.
3. Internal Swing space needed for relocation of High School Library during construction.
4. Maresca Center offices to be relocated in June 2023 for construction, and used for swing space immediately after construction by 8/31/2023

REV. NO.	DATE	ITEM

**NOTICE**

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ORIGINAL DOCUMENTS: \_\_\_\_\_

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**KEY PLAN**  
N.T.S.

**PROJECT**  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510


**DWG TITLE**  
CONSTRUCTION IMPLEMENTATION STAGING PLAN

DRWG. BY: \_\_\_\_\_  
CHK. BY: \_\_\_\_\_

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**BBS** ARCHITECTS  
LANDSCAPE ARCHITECTS  
ENGINEERS

**Savin** Engineers, P.C.



SED# 66-14-02-02-0-004-022

DISTRICT BRIARCLIFF MANOR U.F.S.D. PUBLIC SCHOOLS

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE BUILDING ADDITIONS AT BRIARCLIFF MANOR MS/HS

SCALE: \_\_\_\_\_  
DATE: 11/01/2022  
BID P/U DATE: \_\_\_\_\_  
FILE NO: \_\_\_\_\_

CIP-01 OF 1



Contractor access to building  
Doors open 6 am - 4 pm

6/26/2023 - 8/31/2023 (Typ. Blue areas)

> Contractor will provide 1-hour rated separation of Construction Areas and Occupied Spaces. Provide access to Rooms 112, 113, 117, Troy Hall during the 2023-24 School Year.  
> Start/finish: 6/26/2023 - 8/31/2024  
All work will occur after school hours and weekends during the School Year.  
> Summer 2023/2024 Work to occur on A & B (double) shifts to maintain schedule.

- > Renovate Maresca Center: 6/26/2023 - 8/31/2023 (Double Shifts)
- > Light Well: Summer 2024
- > Library: 6/26/2023 - 8/31/2023  
9/01/2023 - 6/27/2024 (Only Nights, Weekends, Winter/Spring Recess)  
6/29/2024 - 8/31/2024 (Double Shifts if needed)
- > Renovate Performing Arts: 6/29/2024 - 8/31/2024
- > Renovate Tech Areas: 6/29/2024 - 8/31/2024
- > Complete Balance of Work: Summer 2024

FIRST FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
SCALE: 1/16" = 1'-0"

REV. NO.	DATE	ITEM

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ORIGINAL DOCUMENTS

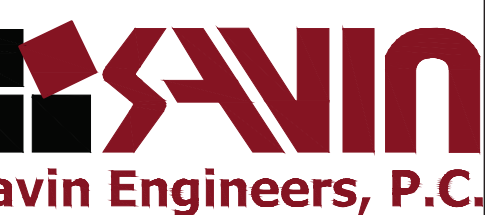


KEY PLAN  
N.T.S.

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWC TITLE  
FIRST FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
HIGH SCHOOL

DRWG. BY:  
CHK. BY:

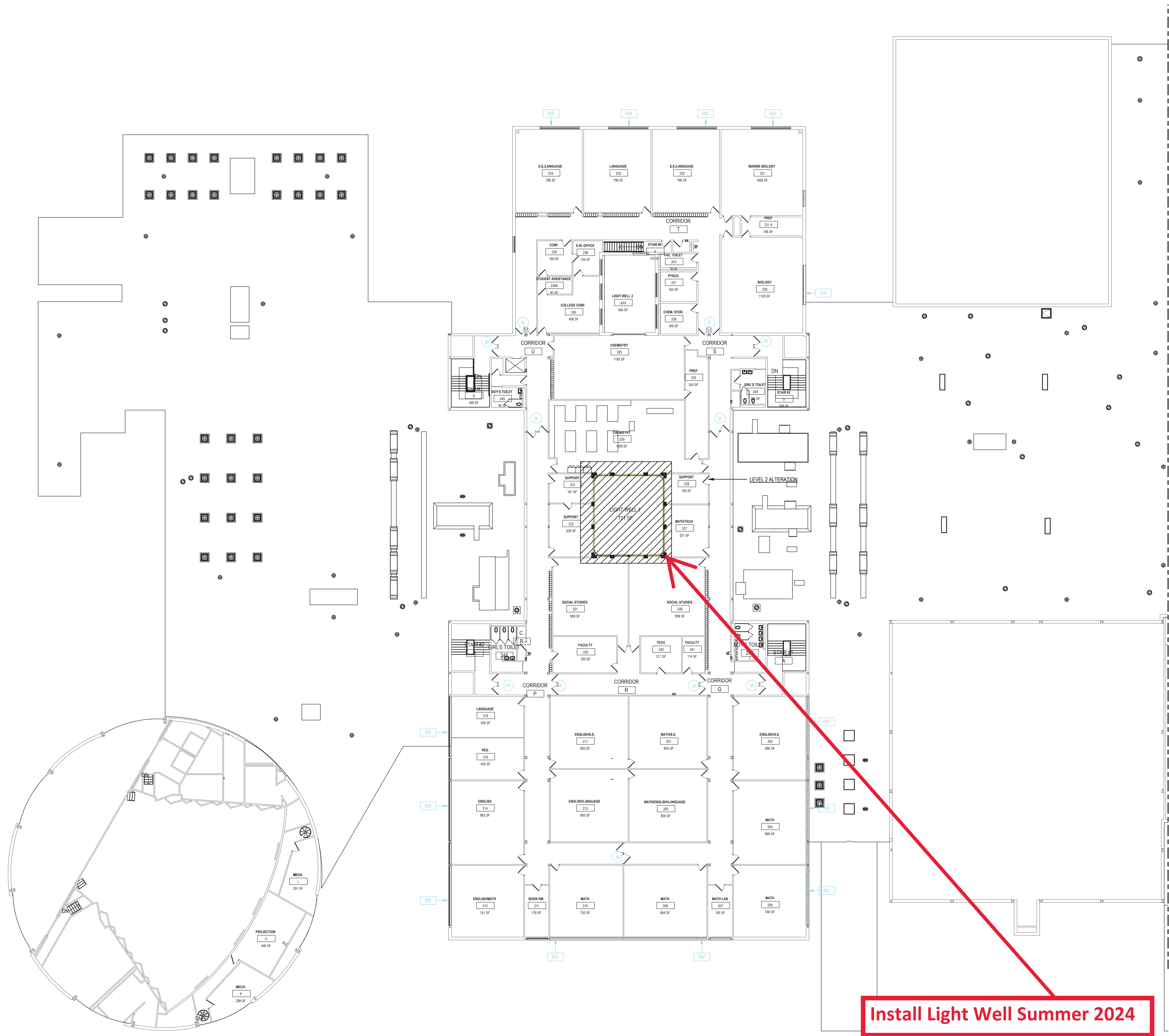
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DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PUBLIC SCHOOLS  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWC TITLE BUILDING ADDITIONS AT BRIARCLIFF MANOR MS/HIS  
SCALE:  
DATE: 11/01/2022  
BID P/U DATE:  
FILE NO:

CIP-02 OF 1





1 SECOND FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
SCALE: 1/16" = 1'-0"

REV. NO.	DATE	ITEM

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ORIGINAL DOCUMENTS:



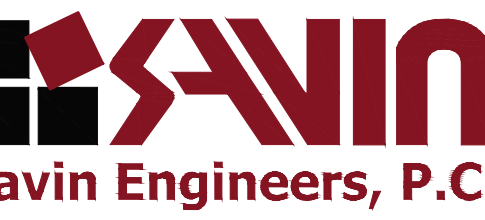
KEY PLAN  
N.T.S.

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

DWG TITLE  
SECOND FLOOR CONSTRUCTION IMPLEMENTATION PLAN  
HIGH SCHOOL

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CHK. BY:

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SED# 66-14-02-02-0-004-022

DISTRICT  
BRIARCLIFF MANOR U.F.S.D.  
PUBLIC SCHOOLS

PROJECT  
PHASE 2 BOND  
IMPROVEMENTS

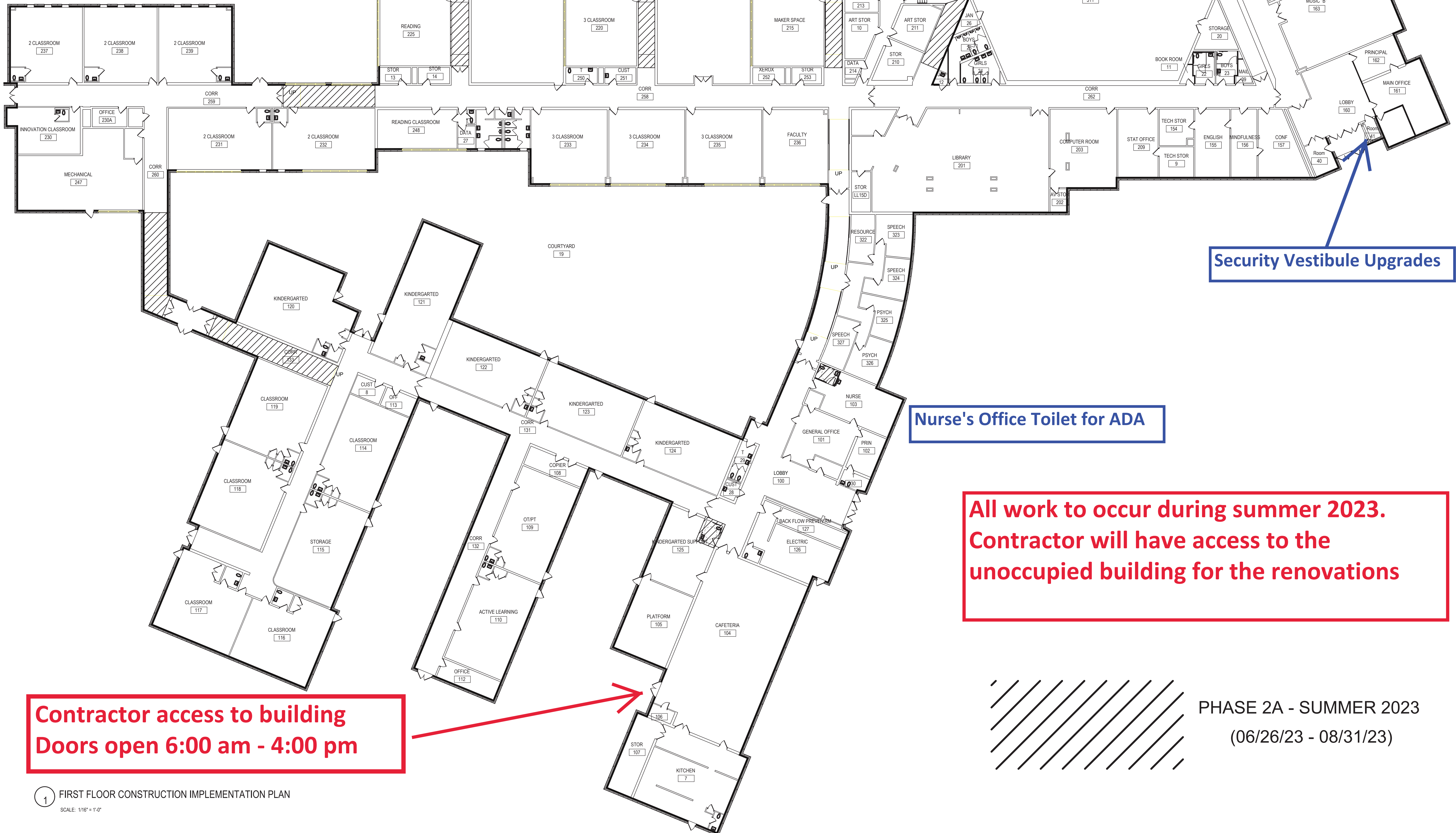
DWG TITLE  
BUILDING ADDITIONS AT  
BRIARCLIFF MANOR MS/HS

SCALE:  
DATE: 11/01/2022  
BID. P/U DATE:  
FILE NO:



## Overall Project Scope:

1. Handrails at Interior Ramps
2. CMU Corridor Walls & Doors
3. Security Vestibule Upgrades
4. Drinking Fountain Basin in Rm 217
5. Retrofit Circuit Breaker Panels
6. Hardwired CO Detectors to FA System
7. Toilet Rooms in select areas
8. Select masonry work & Caulking
9. Security vestibule upgrades
10. Gas leak detection system in Boiler Room



1

FIRST FLOOR CONSTRUCTION IMPLEMENTATION PLAN

SCALE: 1/16" = 1'-0"

REV. NO. | DATE | ITEM

REV. NO.	DATE	ITEM

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ORIGINAL DOCUMENTS

N

KEY PLAN  
N.T.S.

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

PROJECT  
DWG TITLE  
TODD ELEMENTARY

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CHK. BY:

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**SAVIN**  
Savin Engineers, P.C.

SED# 66-14-02-02-0-004-022

DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PUBLIC SCHOOLS

PROJECT PHASE 2 BOND  
IMPROVEMENTS

DWG TITLE BUILDING ADDITIONS AT  
BRIARCLIFF MANOR MS/HS

SCALE:  
DATE: 11/01/2022

BID P/U DATE:

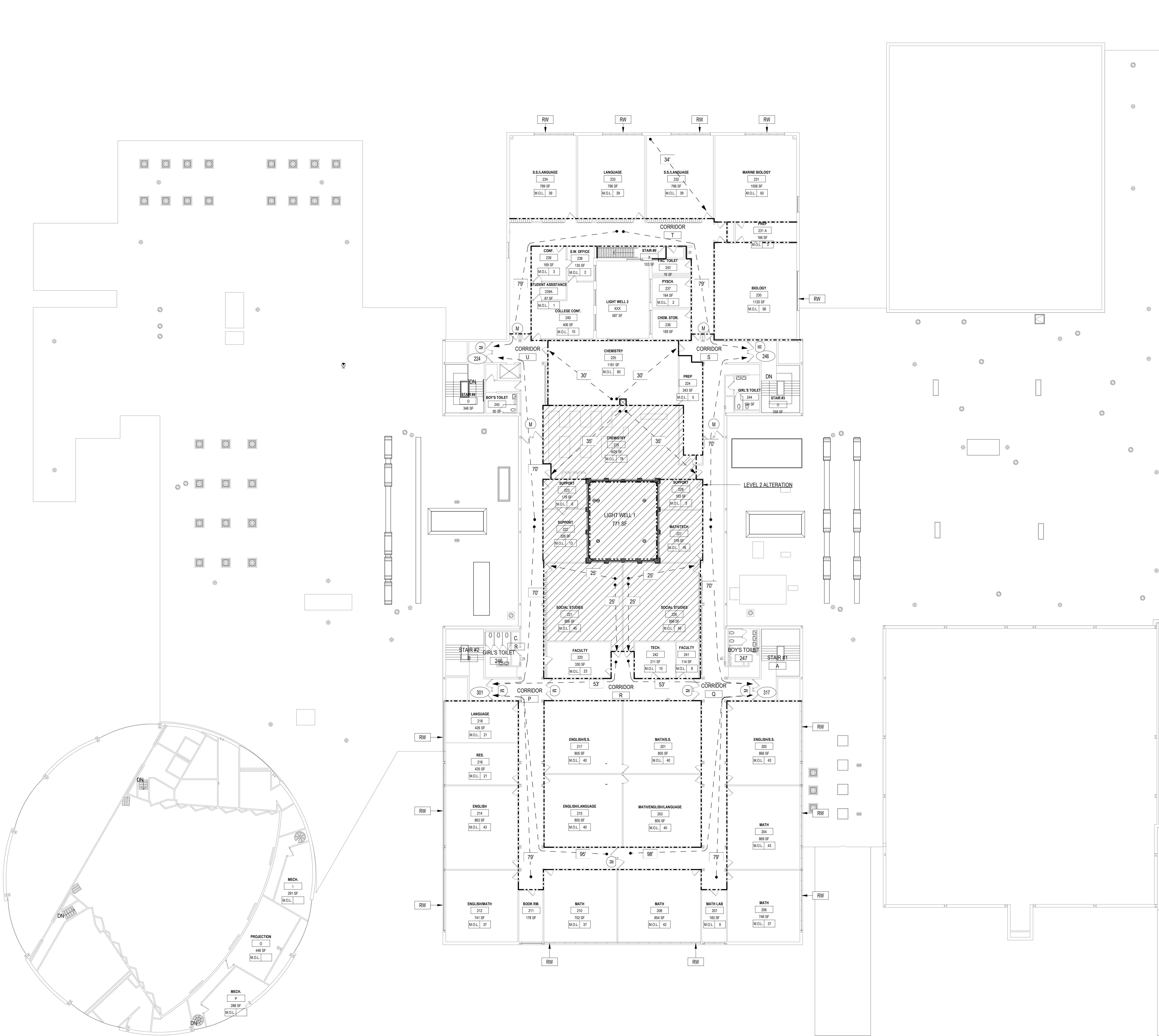
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CIP-04 of 1









1 SECOND FLOOR CODE COMPLIANCE HIGH SCHOOL  
SCALE: 1/16" = 1'-0"

REV.	DATE	ITEM

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PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWG TITLE  
CODE COMPLIANCE SECOND FLOOR HIGH SCHOOL

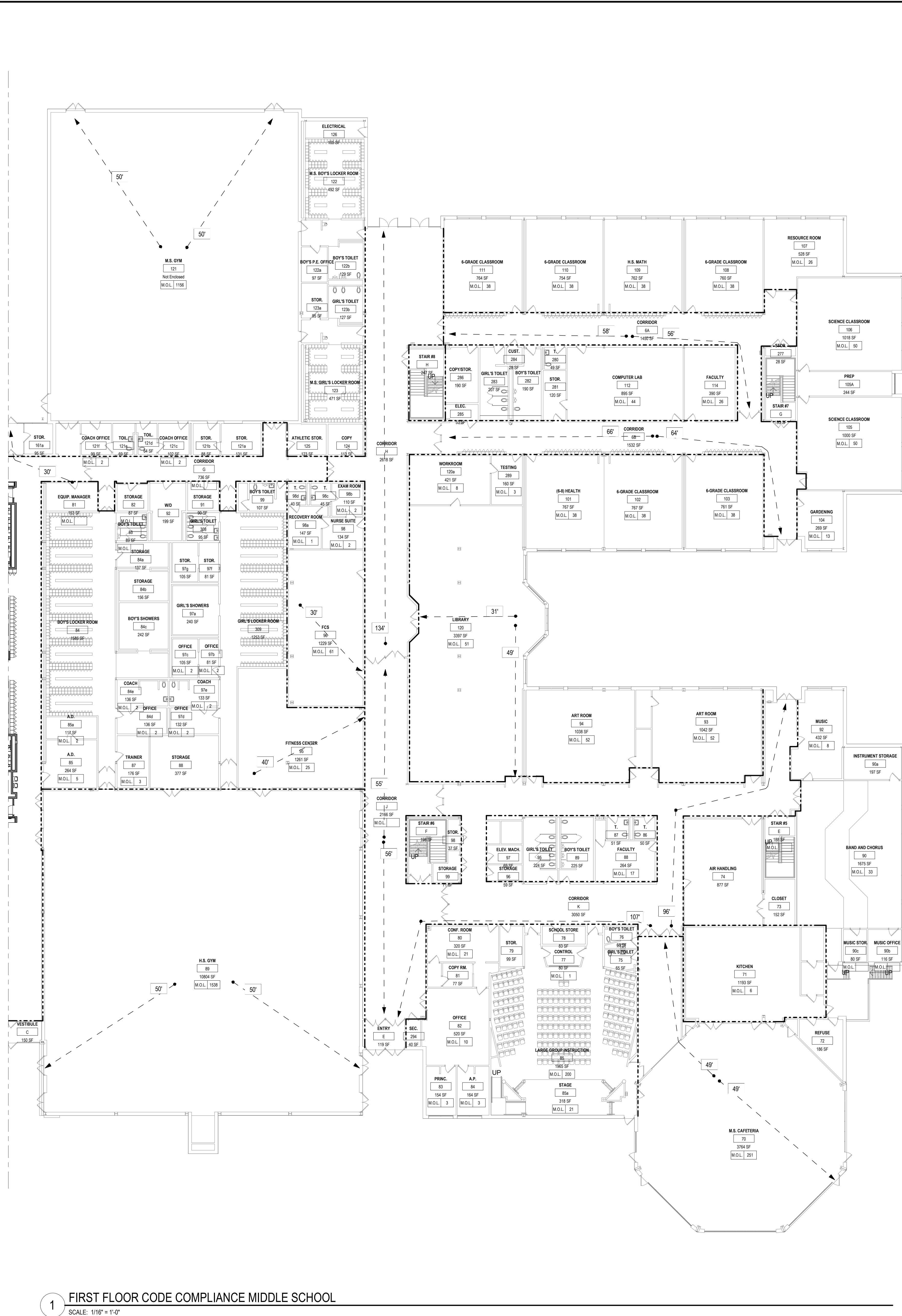
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CHK. BY: G.E.O.  
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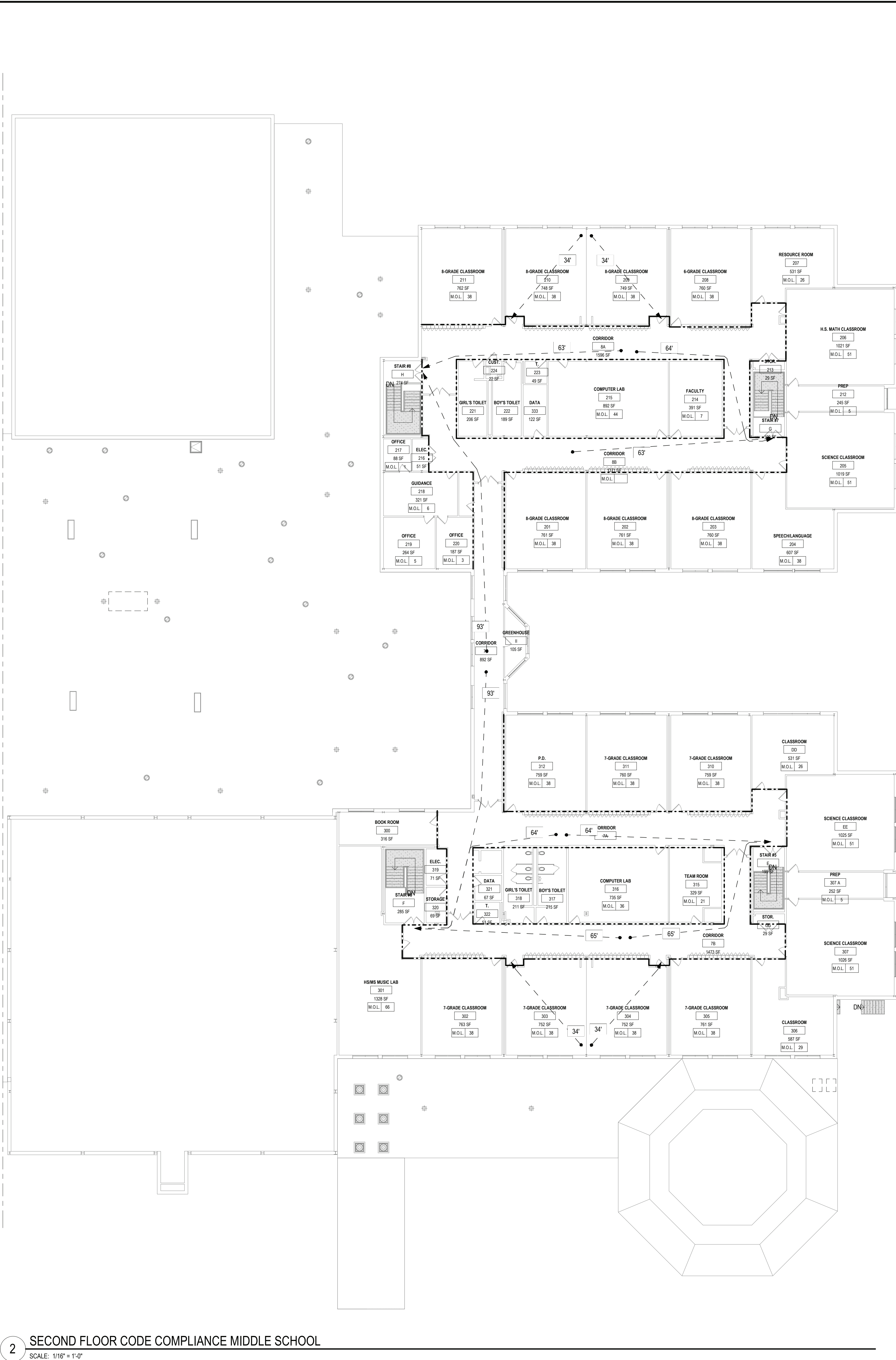
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DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
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SCALE: AS NOTED  
DATE: 11/14/2022  
BID PAU DATE: 21-274C  
FILE NO. 21-274C

A0.02 HSMS





1 FIRST FLOOR CODE COMPLIANCE MIDDLE SCHOOL  
SCALE: 1/16" = 1'-0"



2 SECOND FLOOR CODE COMPLIANCE MIDDLE SCHOOL  
SCALE: 1/16" = 1'-0"

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PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
CODE COMPLIANCE MIDDLE SCHOOL

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**CHK. BY:** G.E.O.

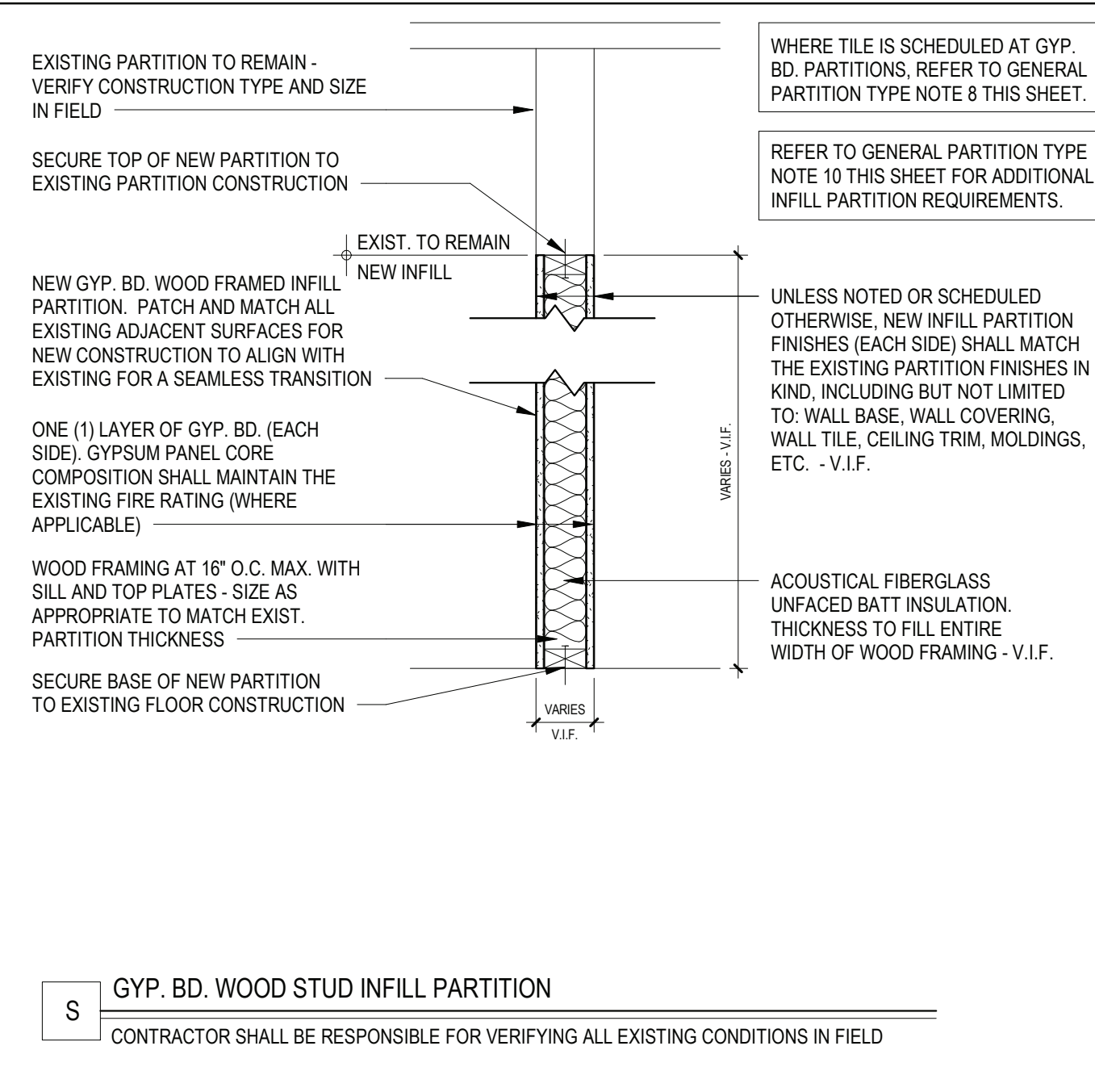
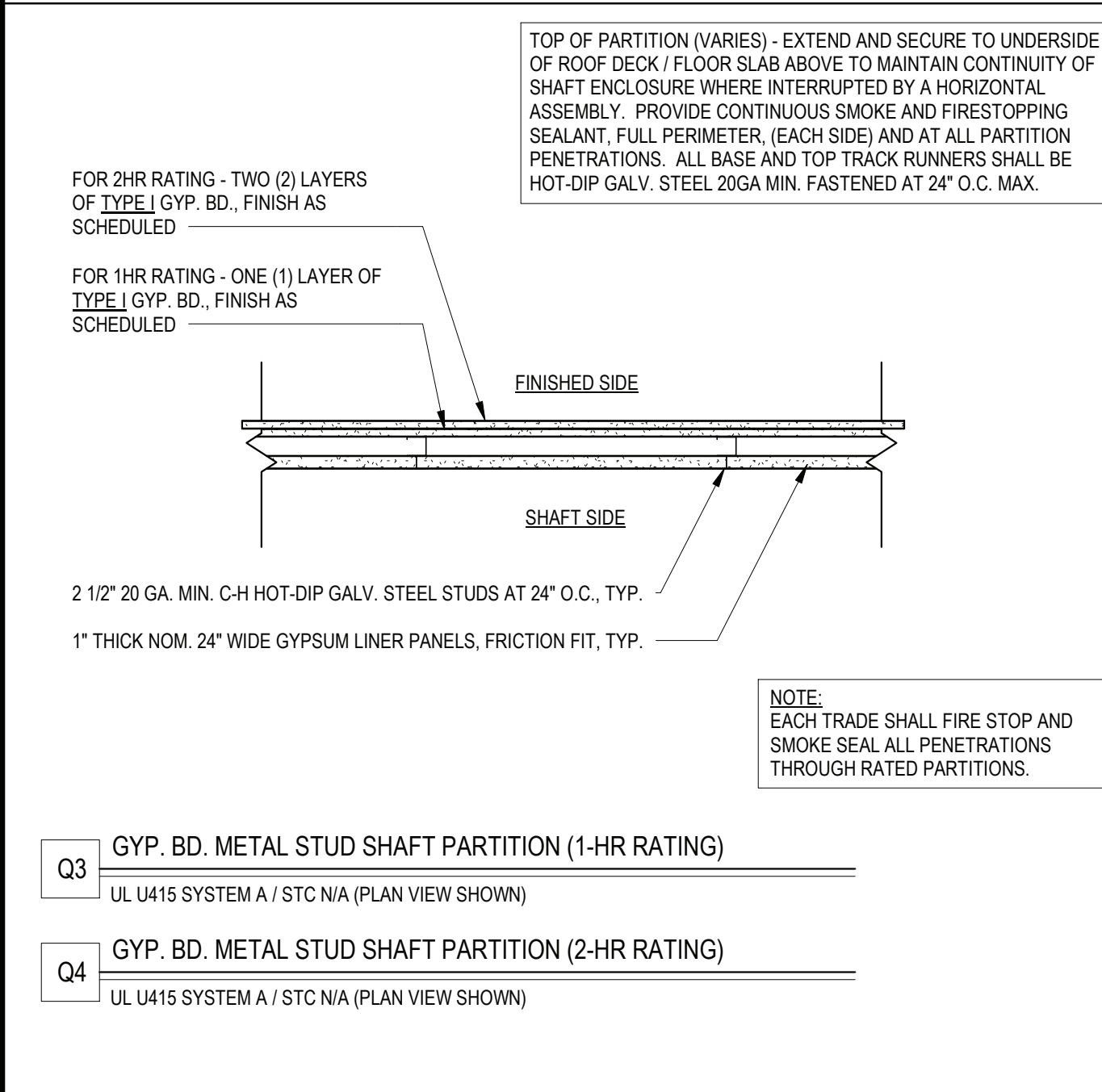
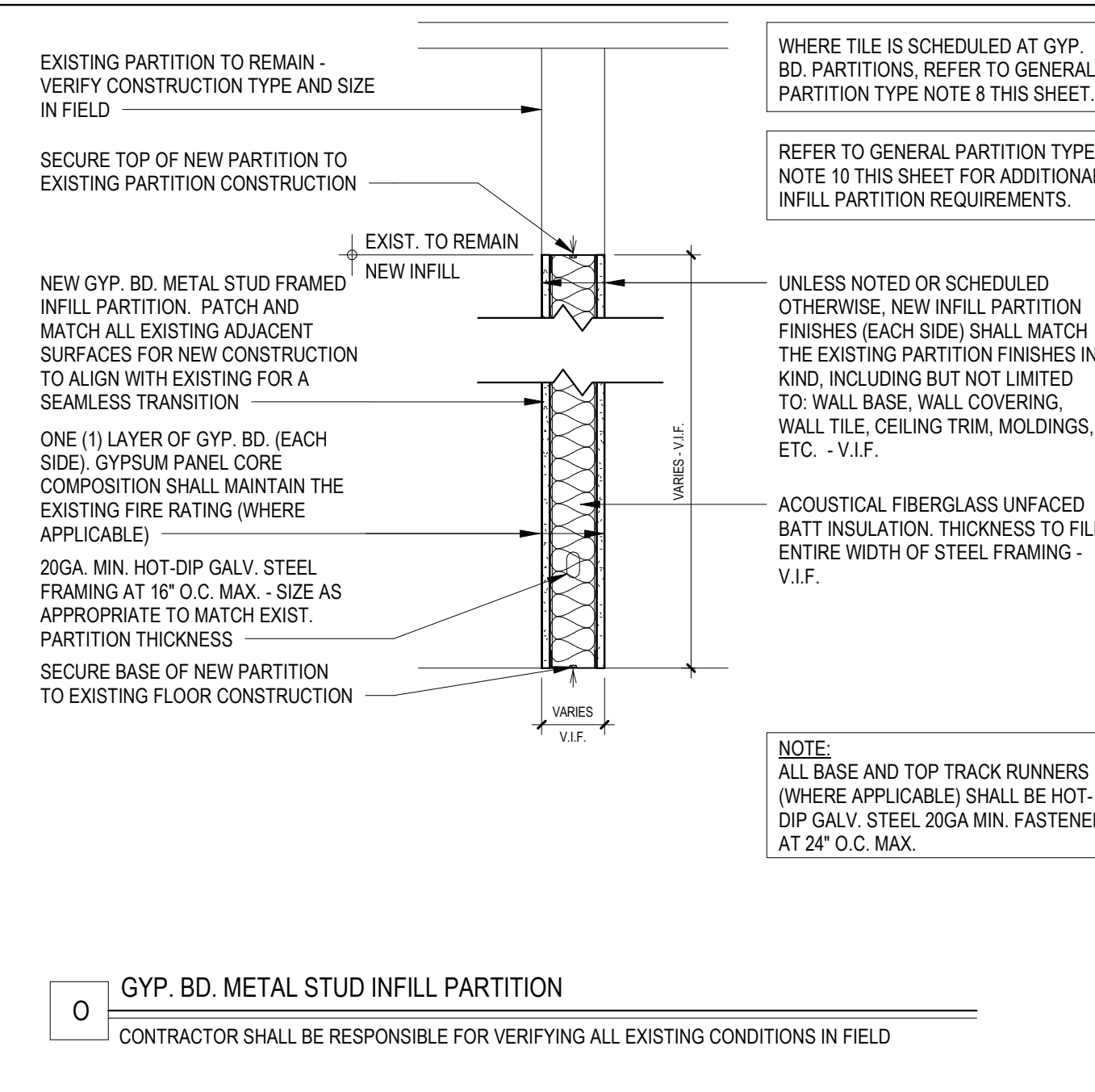
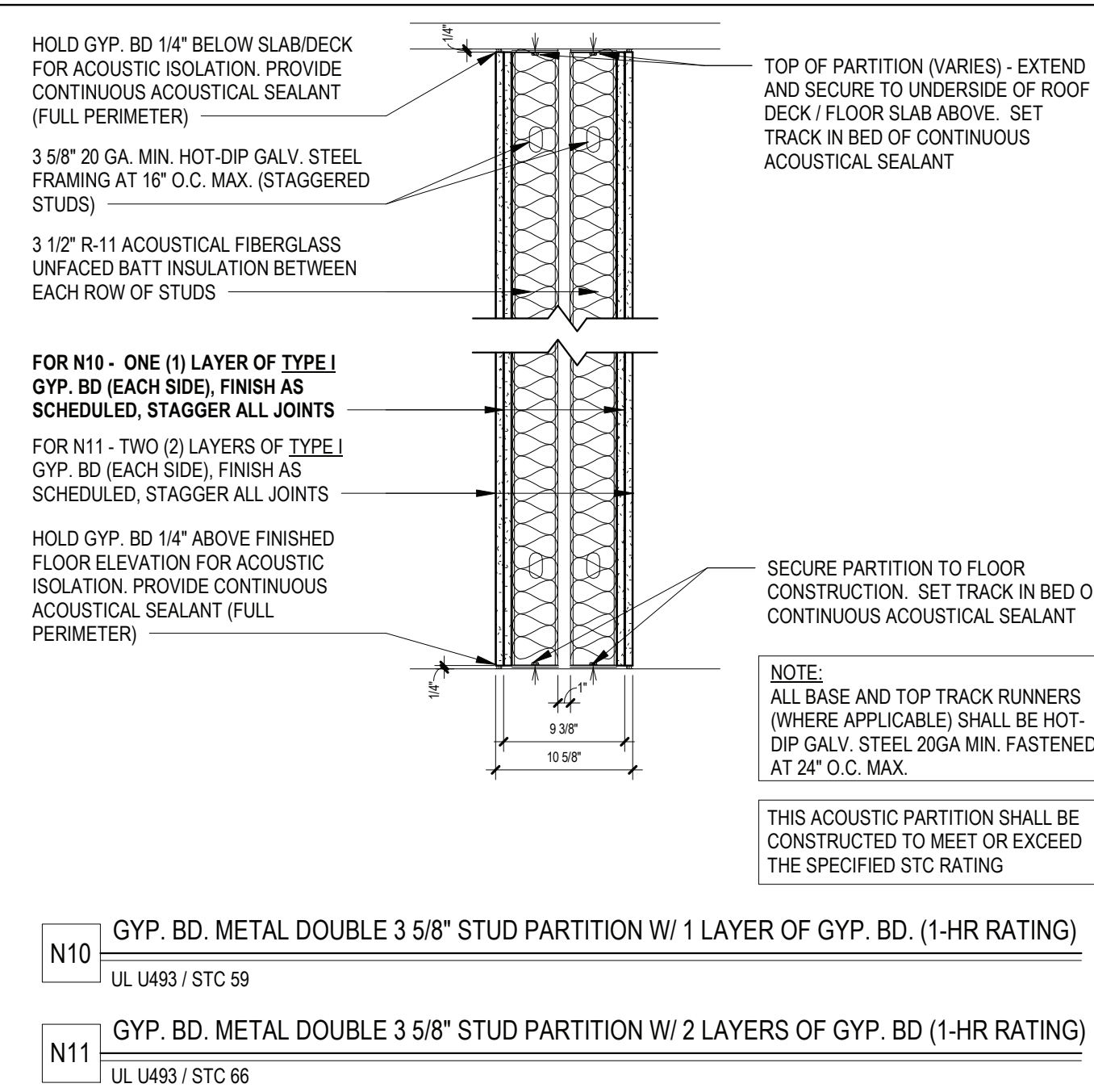
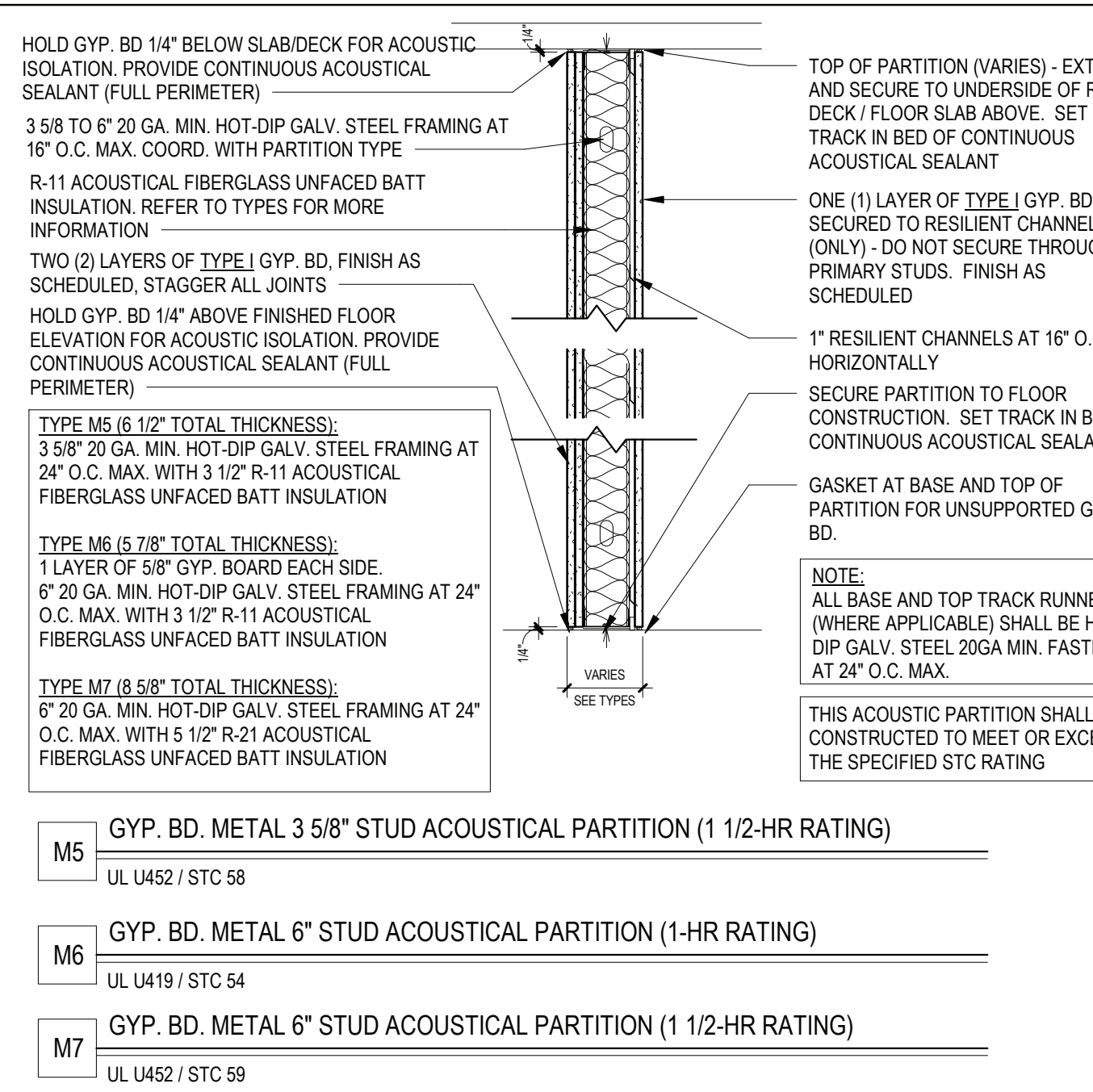
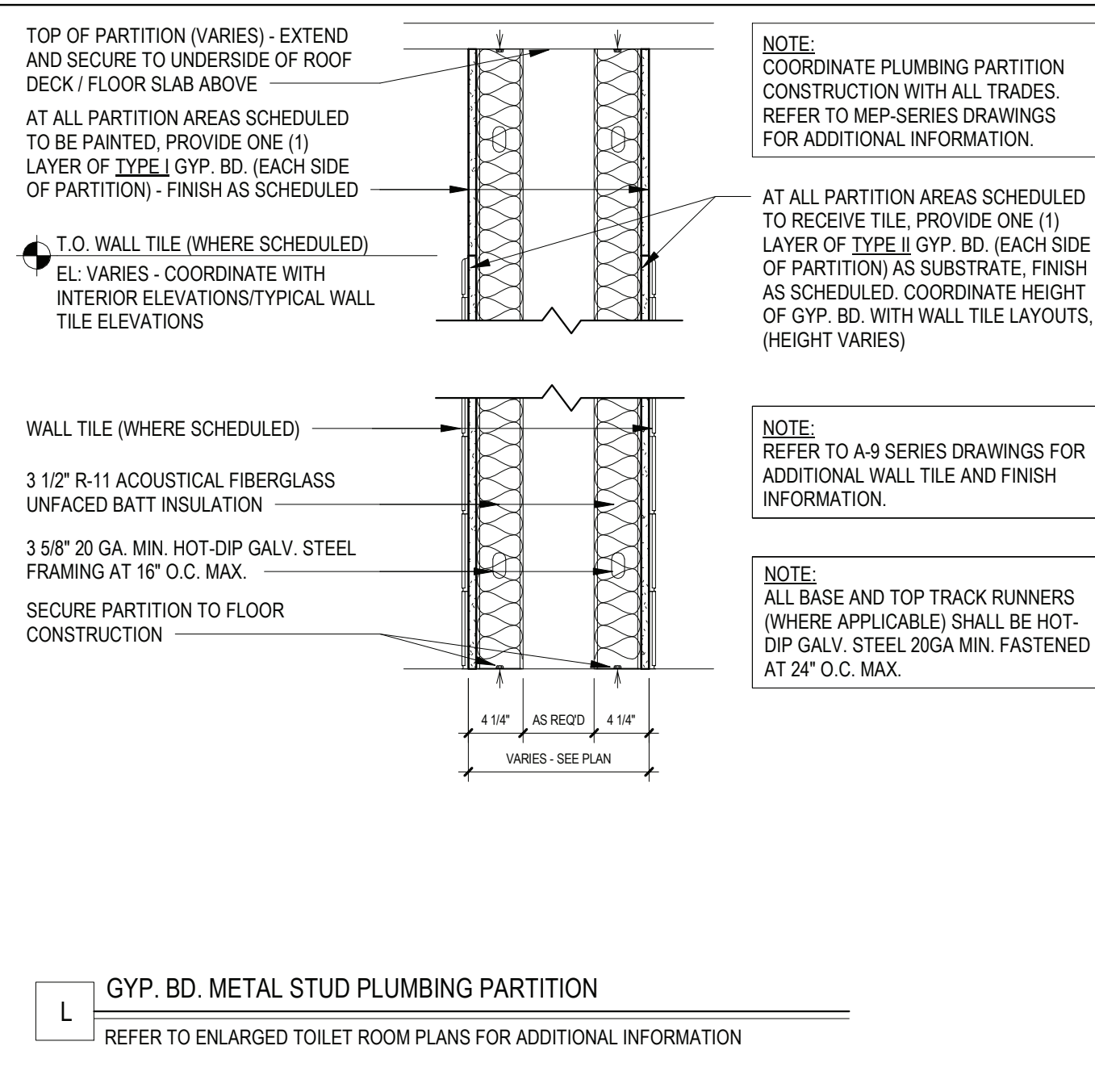
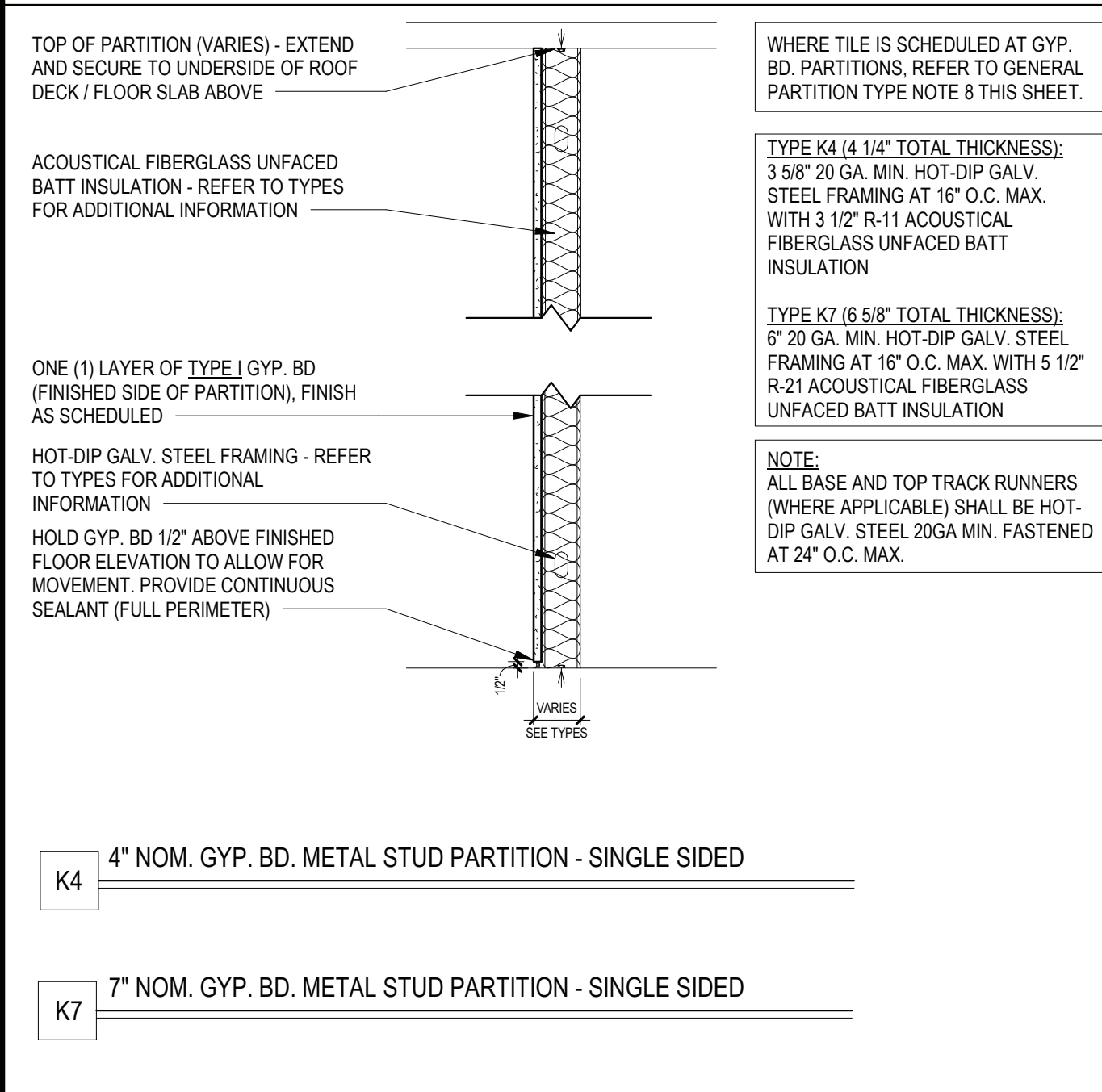
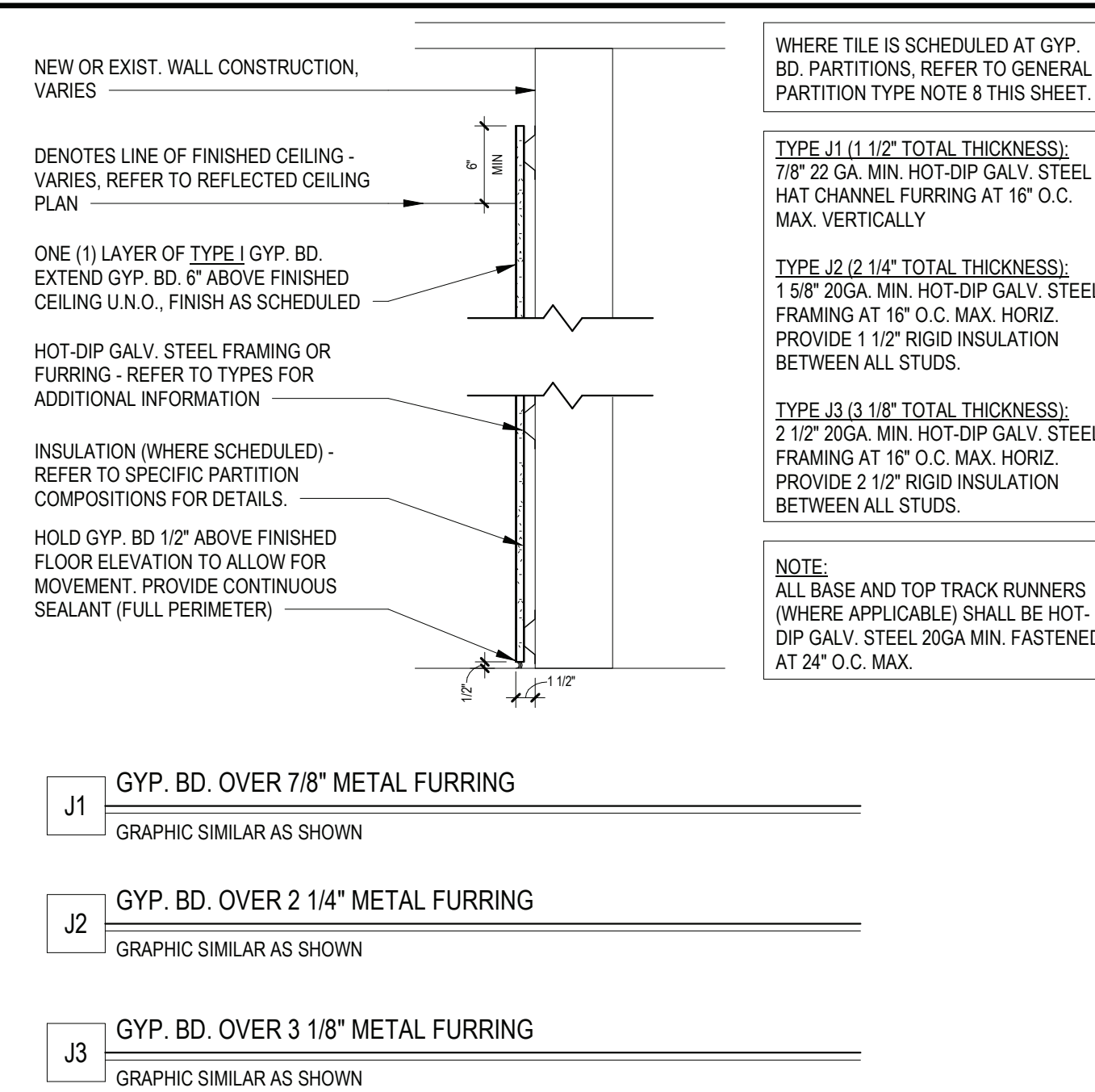
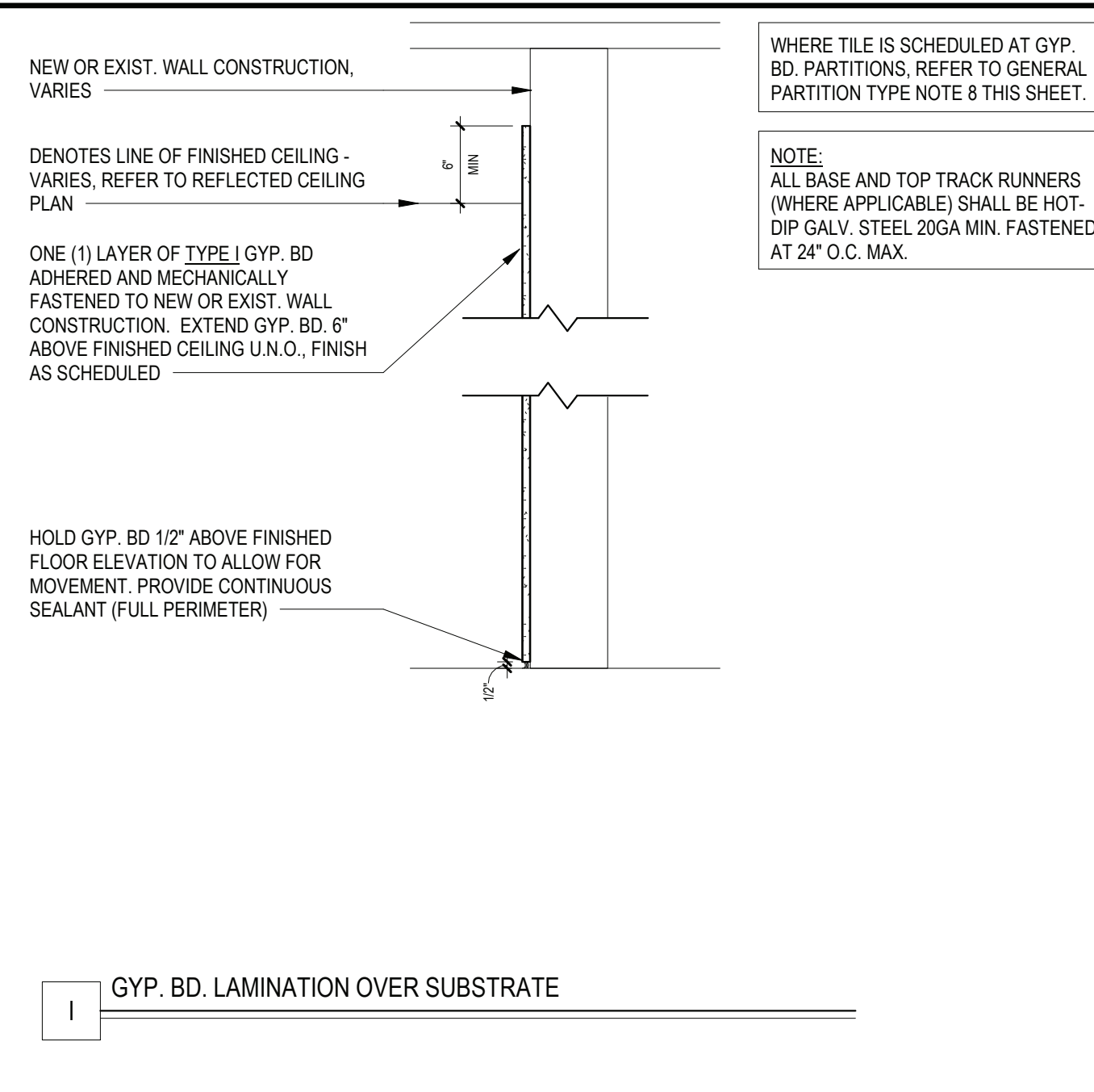
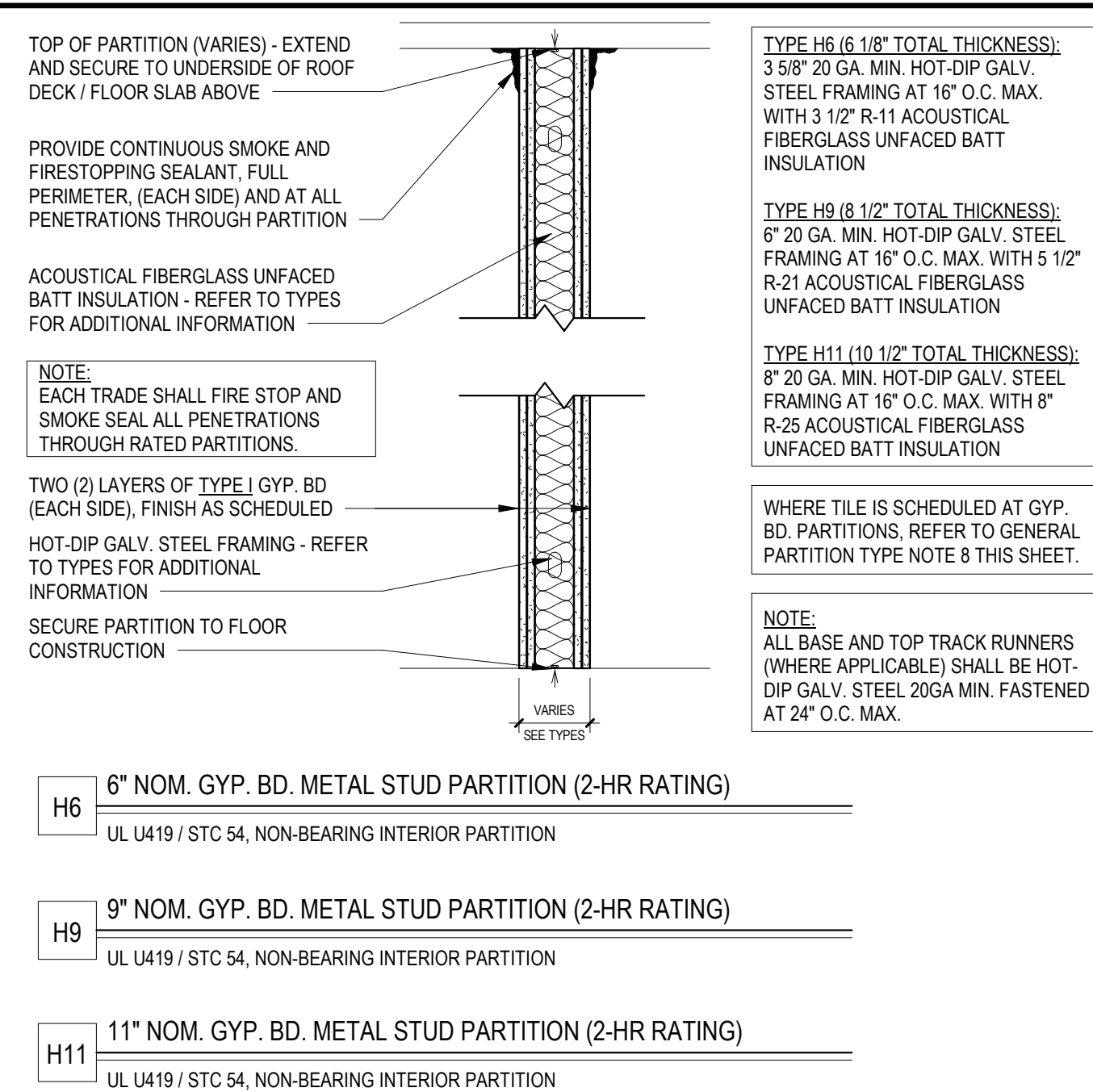
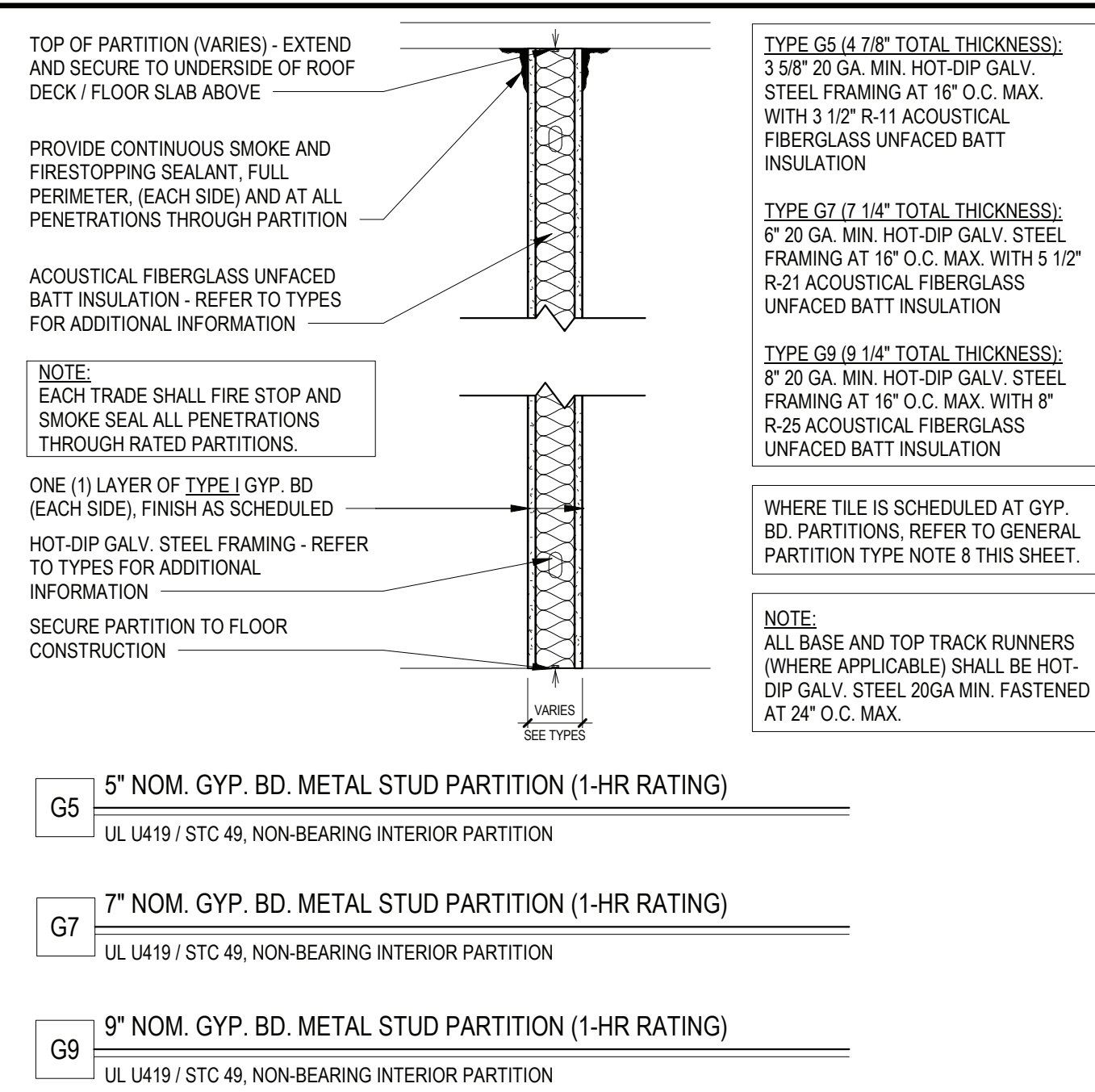
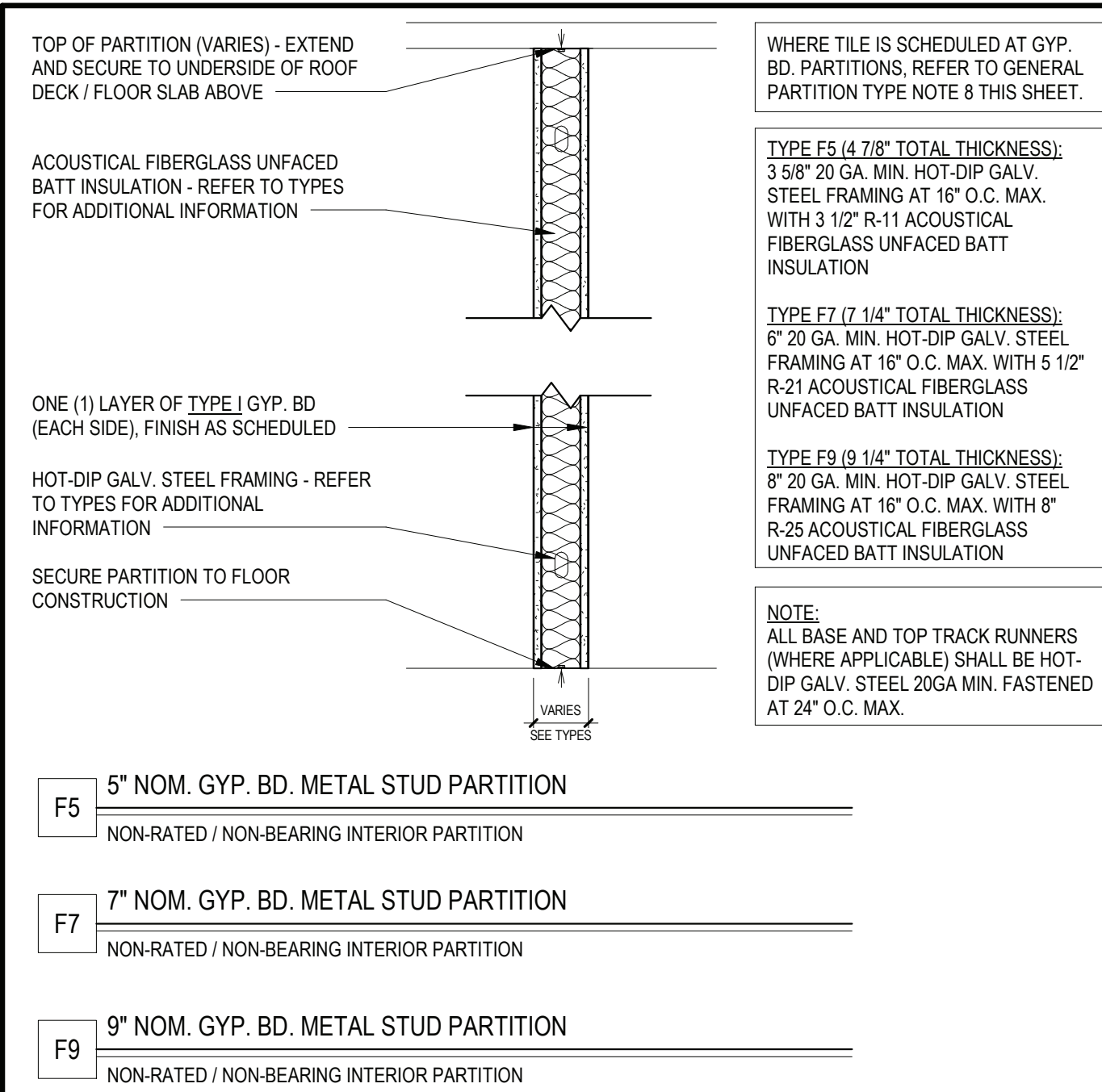
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**SED. NO.** 66-14-02-02-0-004-023  
**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE** CODE COMPLIANCE MIDDLE SCHOOL  
**SCALE:** AS NOTED  
**DATE:** -  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A0.03** **HSMS**

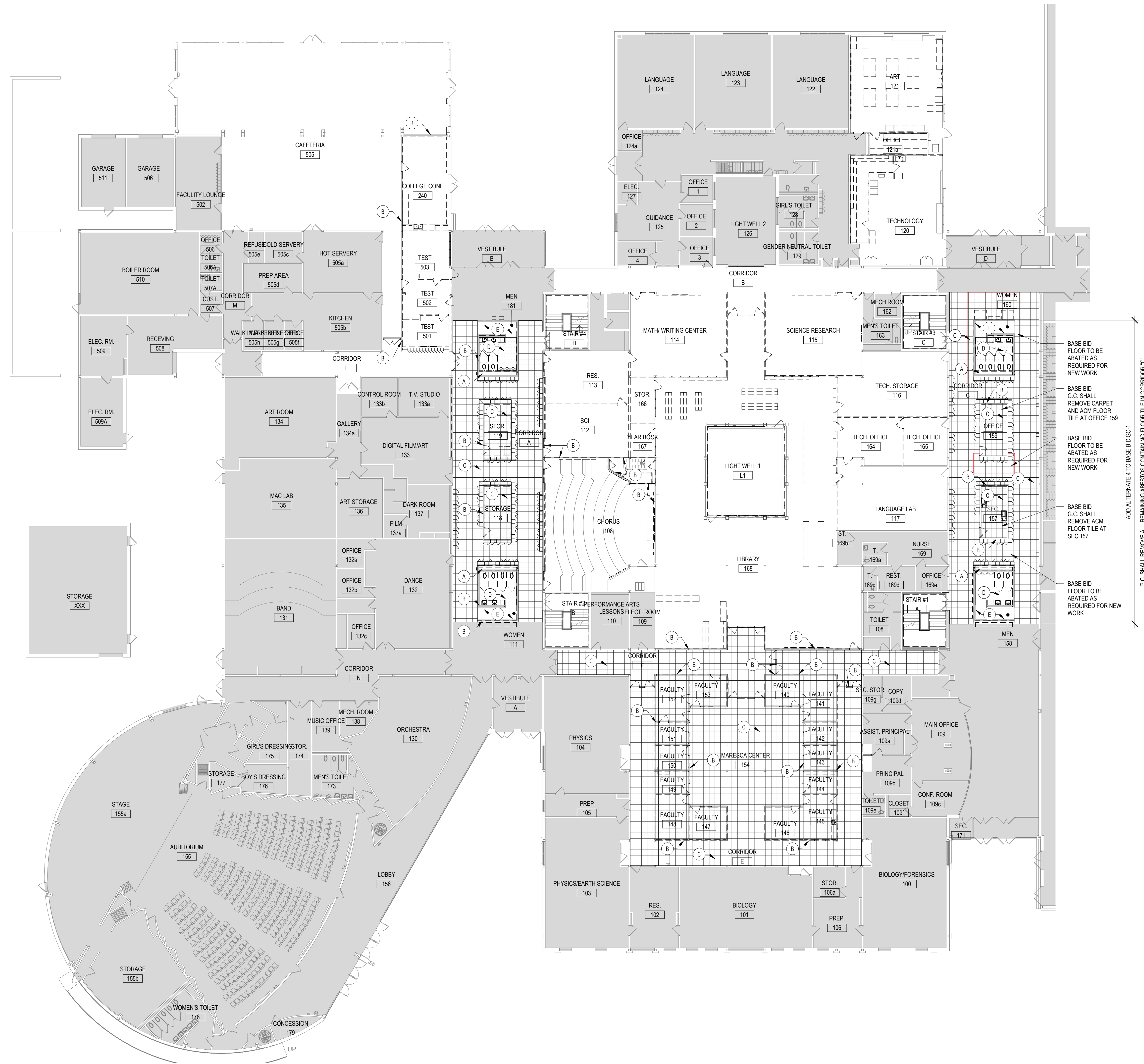




- # GENERAL PARTITION TYPE NOTES:
1. ALL PARTITIONS SHALL EXTEND TO UNDERSIDE OF A FLOOR SLAB OR ROOF DECK UNLESS OTHERWISE NOTED.
  2. AT ALL PARTITIONS THAT ARE DESIGNATED TO BE FIRE RATED PARTITIONS: PROVIDE CONTINUOUS SMOKE AND FIRESTOPPING SEALANT AT TOPS OF PARTITIONS; AT ALL PENETRATIONS THROUGH RATED PARTITIONS, AND FIRE SAFING JOINT FILLER AT PARTITION TO SLAB/DECK JUNCTION.
  3. REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF ALL FIRE RATED PARTITIONS/ASSEMBLIES AND ADDITIONAL FIRE RATING INFORMATION.
  4. ALL PARTITIONS SHALL BE FINISHED AS SCHEDULED. ALL FINISHES SHALL BE CONTINUOUS AT ALL PARTITION FACES UNLESS NOTED OTHERWISE. REFER TO A-9 SERIES FOR ADDITIONAL FINISH INFORMATION.
  5. ALL NEW PARTITIONS SHALL BE PREPARED, PRIMED AND PAINTED. PER SPECIFICATION SECTION 09900.
  6. REFER TO THE PROJECT MANUAL FOR CONTROL AND EXPANSION JOINT REQUIREMENTS FOR ALL MASONRY WALL CONSTRUCTION. GYP. BD. WALL CONSTRUCTION, GYP. BD. LAMINATION, AND PLASTER SURFACING.
  7. REFER TO SPECIFICATIONS FOR GYPSUM BOARD TYPE DESIGNATIONS AND APPLICABLE LOCATIONS (GYP. BD. TYPE II / TYPE III).
  8. WHERE METAL STUD FRAMED PARTITIONS ARE SCHEDULED TO RECEIVE NEW TILE FINISHES, THE CONTRACTOR SHALL PROVIDE GYPSUM WALL BOARD TYPE II AT THE LOCATIONS TO RECEIVE TILE (ONLY IN LIEU OF THE SCHEDULED GYP. BD. TYPE FOR A SUITABLE TILE FINISH SUBSTRATE. REFER TO A-9 SERIES FOR ADDITIONAL INFORMATION.
  9. ALL NEW OPENINGS IN METAL STUD PARTITIONS, INCLUDING BUT NOT LIMITED TO DOORS AND WINDOWS, SHALL REVEAL THE APPROPRIATE HEADER AS DESIGNED BY THE LIGHT GAUGE FRAMING MANUFACTURER
  10. WHERE EXISTING OPENINGS IN EXISTING PARTITIONS ARE SCHEDULED TO BE INFILLED, THE NEW INFILL CONSTRUCTION SHALL MATCH AND MATCH THE EXISTING PARTITION'S FIRE RATING FOR CONTINUITY OF FIRE AND SMOKE PROTECTION - CONTRACTOR TO VERIFY IN FIELD (1-HR MIN. RATED AT CORRIDORS). REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL INFORMATION.
  11. AT ALL LOCATIONS WHERE EXISTING PARTITIONS ARE SCHEDULED TO BE PATCHED OR INFILLED, ALL NEW CONSTRUCTION/FINISHES SHALL MATCH THE EXISTING ADJACENT SURFACES IN KIND - CONTRACTOR TO V.I.F.
  12. AT ALL LOCATIONS WHERE NEW WORK IS SCHEDULED, THE CONTRACTOR SHALL PROVIDE SLOTT BLOCKING, LATERAL BRACING, AND ADDITIONAL FRAMING AS REQUIRED TO SECURE NEW PARTITIONS TO THE STRUCTURE ABOVE AND TO ACCOMMODATE ALL NEW WALL MOUNTED FIXTURES, ACCESSORIES, EQUIPMENT, ETC.
  13. WHERE PARTITION TYPES ARE NOT SPECIFICALLY IDENTIFIED IN PLAN, IT IS THE INTENT THAT THE GRAPHICALLY INDICATED WALL TYPE SHALL BE CONTIGUOUS UNTIL INTERRUPTED BY ANOTHER SPECIFIED WALL TYPE.

REV.	DATE	ITEM
NOTICE		
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PROJECT BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL 444 PLEASANTVILLE RD., BRIARCLIFF MANOR, NY 10510		
DWG/TITLE PARTITION TYPES		
DRWG. BY: C.M.		
CHK. BY: G.E.O.		
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1 ABATEMENT PLAN  
SCALE: 1/16" = 1'-0"

**GENERAL ABATEMENT NOTES**

1. ALL LEAD, ASBESTOS AND/OR PCB REMOVAL BY G.C. THE CONTRACTOR SHALL PERFORM A SITE INSPECTION PRIOR TO SUBMITTING A BID TO REMOVE AND QUANTIFY ALL ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS TO BE REMOVED OR AFFECTED BY THE PROPOSED SCOPE OF WORK.
2. REFER TO ASBESTOS, LEAD AND PCB CONSTRUCTION NOTES THIS DRAWING FOR ADDITIONAL INFORMATION.
3. REFER TO SPECIFICATIONS - INFORMATION TO BIDDERS FOR LEAD / ASBESTOS INSPECTION AND TESTING REPORTS FOR ADDITIONAL INFORMATION.
4. EACH CONTRACTOR PERFORMING WORK WITHIN OR ADJACENT TO ASBESTOS CONTAINING CONSTRUCTION MATERIALS SHALL EXERCISE EXTREME CAUTION TO NOT DAMAGE OR DISTURB EXISTING MATERIALS TO REMAIN. EACH CONTRACTOR SHALL BE OBTAIN ASBESTOS TRAINING CERTIFIED TO PERFORM SPECIFIED WORK IN OR ADJACENT TO CONTAMINATED SPECIFICATIONS. EACH CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSABLE CLOTHING AND/OR MASKS IF REQUIRED.

**ASBESTOS, LEAD, AND PCB NOTES**

1. ALL CONTRACTORS SHALL BE ADVISED THAT THE SCHOOL DISTRICT HAS SOLICITED AN INDEPENDENT TESTING COMPANY TO INSPECT AND TEST ALL AREAS OF THE EXISTING BUILDING WHICH ARE SCHEDULED TO BE DISTURBED DURING CONSTRUCTION FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS.
2. RESULTS OF THE INSPECTIONS AND TESTING INDICATE THAT THE EXISTING BUILDING HAS TESTED POSITIVE FOR THE PRESENCE OF ASBESTOS, LEAD AND/OR PCB CONTAINING CONSTRUCTION MATERIALS. REFER TO SPECIFICATIONS FOR DESCRIPTION OF LOCATION, MATERIALS AND SAMPLE NUMBERS.
3. ALL DISTURBANCE, REMOVAL, OR DEMOLITION WORK TO THESE IDENTIFIED AREAS MUST BE PERFORMED IN CONFORMANCE WITH THE GUIDELINES AS OUTLINED IN THE PROJECT MANUAL AND APPLICABLE LOCAL, STATE AND/OR FEDERAL REGULATIONS.
4. ALL INSPECTIONS AND TESTING HAVE BEEN PERFORMED BY: HEP USA SOLUTIONS, INC. 300 SUMMIT LAKE DRIVE, SUITE 400 WALWALLA, WA 99081

**FLUORESCENT BULB NOTES**

ALL EXISTING FLUORESCENT BULBS TO BE REMOVED SHALL BE CONSIDERED HAZARDOUS WASTE AND SHOULD BE HANDLED AND DISPOSED OF IN ACCORDANCE WITH THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) & UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA) RULES, REGULATIONS & GUIDELINES.

**ASBESTOS KEY NOTES**

AREAS INDICATED: ASBESTOS PIPE WRAP INSULATION AND PIPE FITTINGS.  
AREAS INDICATED: ASBESTOS CONTAINING JOINT COMPOUND ASSOCIATED WITH GYPSUM BOARD WALL.  
AREAS INDICATED: ASBESTOS 12" X 12" FLOOR TILE & ASSOCIATED MASTIC.  
AREAS INDICATED: ASBESTOS CONTAINING CEMENTITIOUS MATERIAL AT ROOF DRAIN BOUL AND PIPE BELOW.  
AREAS INDICATED: ASBESTOS CONTAINING JOINT COMPOUND ASSOCIATED WITH GYPSUM BOARD CEILING.

REFER TO PRE CONSTRUCTION SURVEY BULK SAMPLING AND ANALYSIS OF SUSPECT ASBESTOS CONTAINING MATERIALS. INFORMATION AVAILABLE TO BIDDERS FOR ASSUMED ASBESTOS CONTAINING CONSTRUCTION MATERIALS NOT IDENTIFIED BY KEYNOTES WHICH MAY BE SHOWN AS DEMOLITION OR POTENTIALLY DISTURBED AS A RESULT OF THE PROPOSED RENOVATIONS.

**LEAD CONTAINING KEY NOTES**

REMOVE FROM THE AREA INDICATED: LEAD CONTAINING PAINT. (REFER TO PROJECT MANUAL FOR ADDITIONAL INFORMATION)

DESIGNATED KEYNOTES INDICATE MATERIALS TO BE REMOVED AND PROPERLY DISPOSED OF UNDER THIS PROJECT. REFER TO THE PRECONSTRUCTION LEAD MATERIALS INSPECTION AND SWAMPING REPORT INFORMATION AVAILABLE TO BIDDERS FOR LEAD CONTAINING CONSTRUCTION MATERIALS TO REMAIN OR POTENTIALLY DISTURBED AS A RESULT OF THE PROPOSED RENOVATIONS.

GENERAL CONTRACTOR SHALL COORDINATE ABATEMENT WITH PROPOSED SCHEDULE OF WORK AS OUTLINED IN THE CONSTRUCTION IMPLEMENTATION PLAN.

**FLOOR PLAN LEGEND**

AREA NOT IN CONTRACT U.O.N.

REV.	DATE	ITEM

**NOTICE**

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**PROJECT**  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
FIRST FLOOR HIGH SCHOOL ABATEMENT PLAN

**DRWG. BY:** C.M.  
**CHK. BY:** G.E.O.

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T. 631.475.0361

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**SER. NO.** 66-14-02-02-0-004-023

**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE** FIRST FLOOR HIGH SCHOOL ABATEMENT PLAN

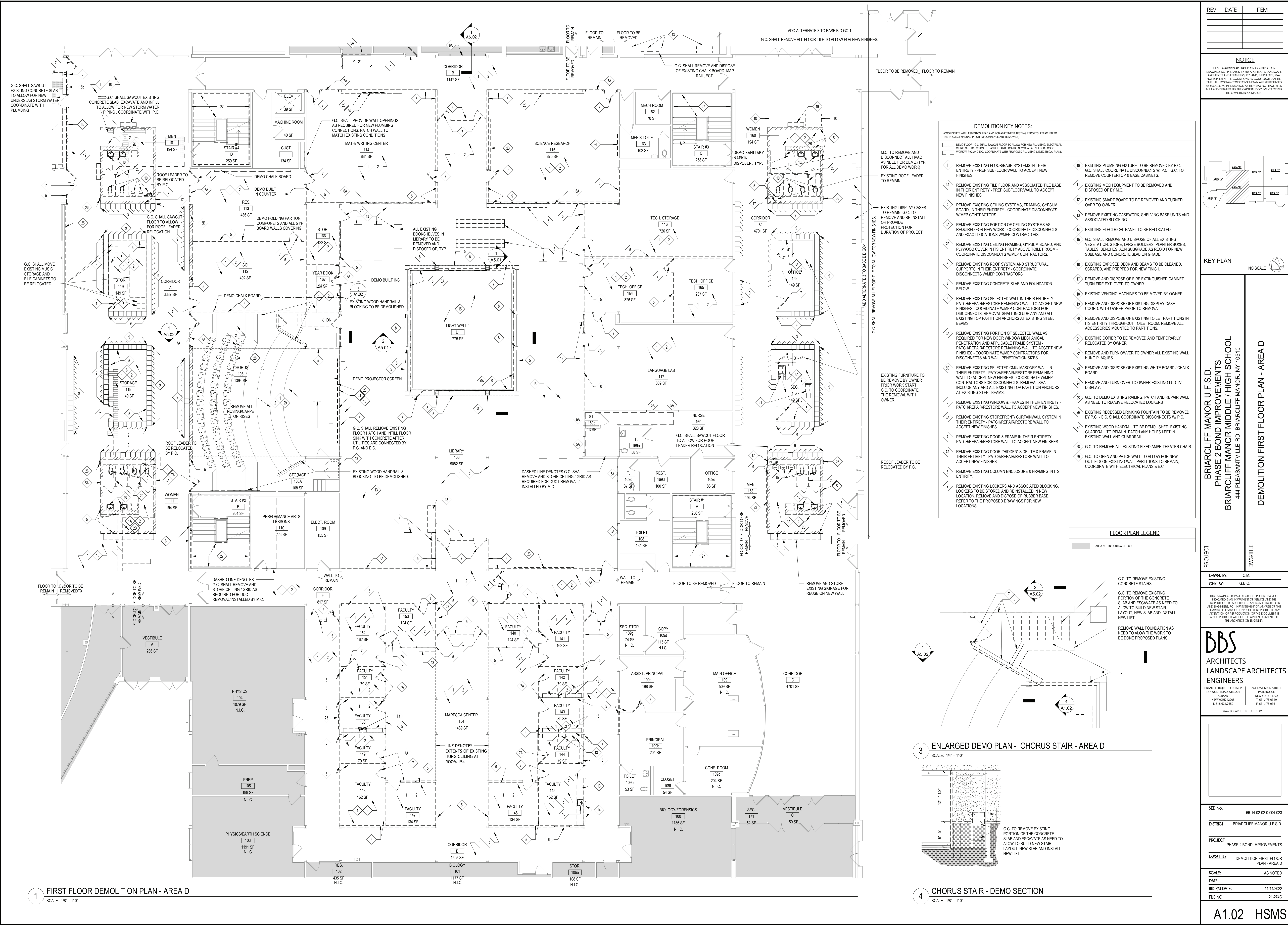
**SCALE:** AS NOTED  
**DATE:** -  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

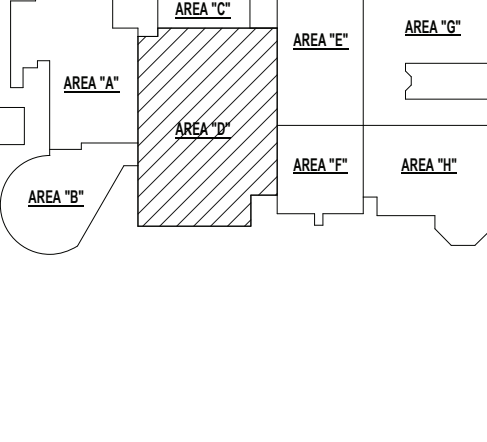

**A1.00** **HSMS**



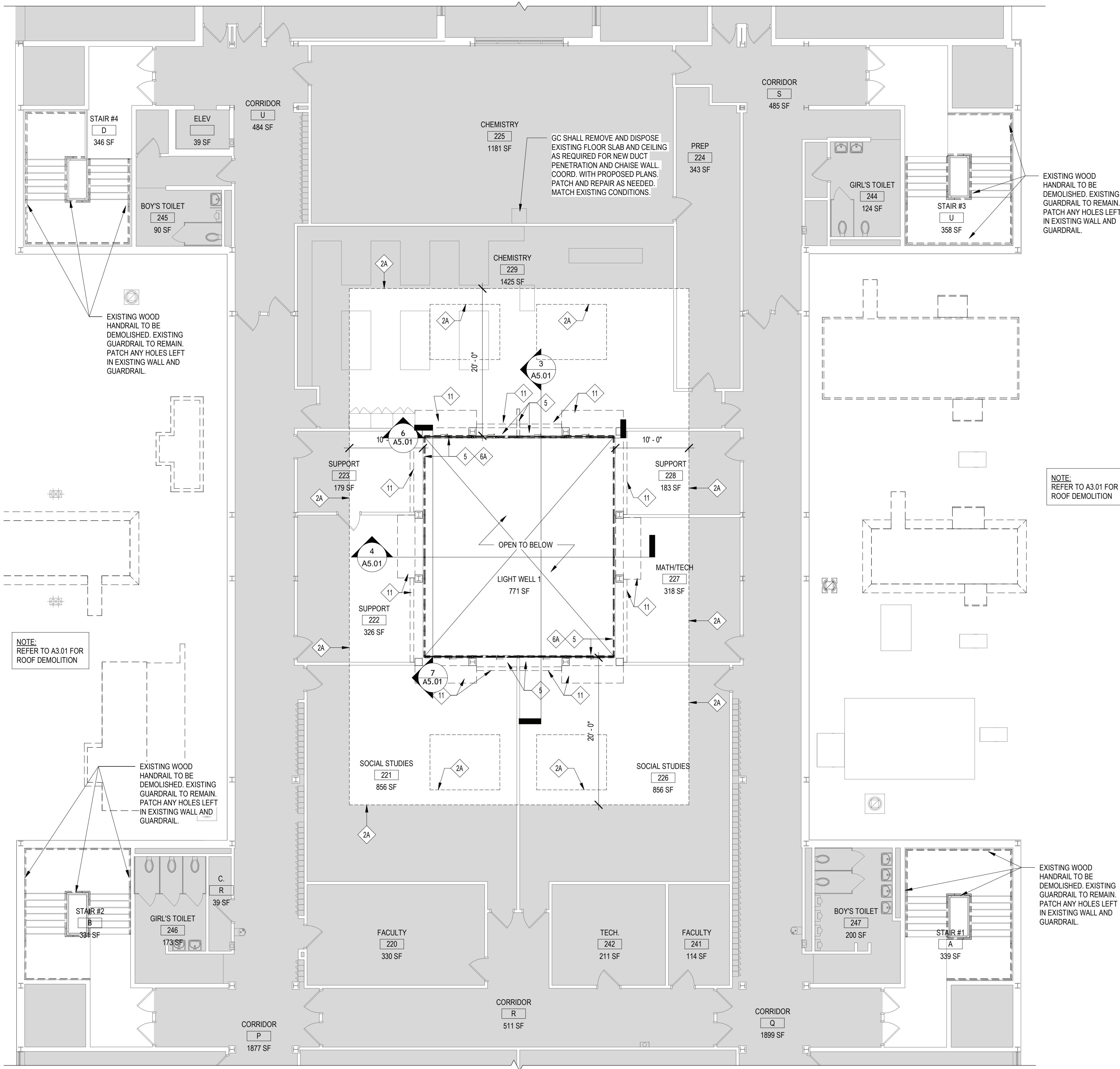






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KEY PLAN		
NO SCALE 		
BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510		
DEMOLITION FIRST FLOOR PLAN - AREA D		
PROJECT	DWG TITLE	
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SED No.	66-14-02-02-0-004-023	
DISTRICT	BRIARCLIFF MANOR U.F.S.D.	
PROJECT	PHASE 2 BOND IMPROVEMENTS	
DWG TITLE	DEMOLITION FIRST FLOOR PLAN - AREA D	
SCALE:	AS NOTED	
DATE:	11/14/2022	
BID PAU DATE:	21-27AC	
FILE NO.	21-27AC	
A1.02		
HSMS		





1 SECOND FLOOR DEMO PLAN - AREA D  
SCALE: 1/8" = 1'-0"

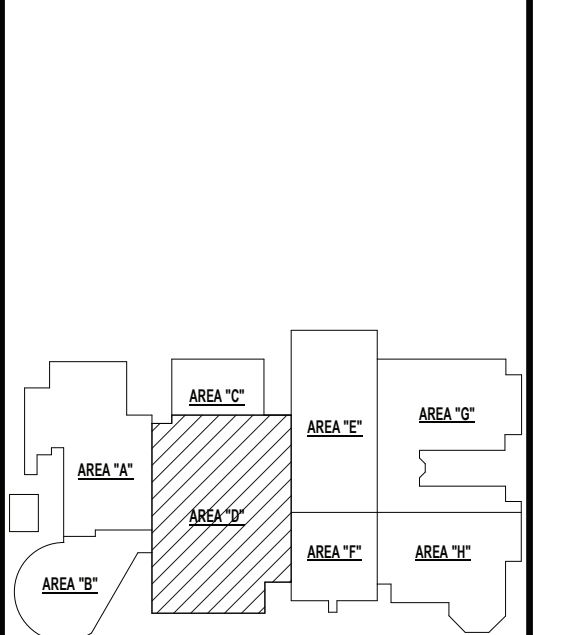
BIDDER NOTE:  
ADD ALTERNATE #6 TO BASE BID GC-1.  
GC SHALL REMOVE AND REPLACE EXISTING CEILING  
TILE IN ROOMS 221, 222, 223, 226, 227, 228, 229.

- DEMOLITION KEY NOTES:**  
(COORDINATE WITH ASBESTOS, LEAD AND PCB ABATEMENT TESTING REPORTS, ATTACHED TO THE PROJECT MANUAL, PRIOR TO COMMENCE ANY REMOVALS)  
1 DEMO FLOOR - G.C. SHALL SAWCUT FLOOR TO ALLOW FOR NEW PLUMBING ELECTRICAL WORK. G.C. TO EXCAVATE, BACKFILL AND PROVIDE NEW SLAB AS NEEDED. GOOD WORK IN P.C. AND E.C. COORDINATE WITH PROPOSED PLUMBING & ELECTRICAL PLANS.
- 1 REMOVE EXISTING FLOORBASE SYSTEMS IN THEIR ENTIRETY - PREP SUBFLOORWALL TO ACCEPT NEW FINISHES.
  - 1A REMOVE EXISTING TILE FLOOR AND ASSOCIATED TILE BASE IN THEIR ENTIRETY - PREP SUBFLOORWALL TO ACCEPT NEW FINISHES.
  - 2 REMOVE EXISTING CEILING SYSTEMS, FRAMING, GYPSUM BOARD, IN THEIR ENTIRETY - COORDINATE DISCONNECTS W/MEP CONTRACTORS.
  - 2A REMOVE EXISTING PORTION OF CEILING SYSTEMS AS REQUIRED FOR NEW WORK - COORDINATE DISCONNECTS AND EXACT LOCATIONS W/MEP CONTRACTORS.
  - 2B REMOVE EXISTING CEILING FRAMING, GYPSUM BOARD, AND PLYWOOD COVER IN ITS ENTIRETY ABOVE TOILET ROOM - COORDINATE DISCONNECTS W/MEP CONTRACTORS.
  - 3 REMOVE EXISTING ROOF SYSTEM AND STRUCTURAL SUPPORTS IN THEIR ENTIRETY - COORDINATE DISCONNECTS W/MEP CONTRACTORS.
  - 4 REMOVE EXISTING CONCRETE SLAB AND FOUNDATION BELOW.
  - 5 REMOVE EXISTING SELECTED WALL IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE REMAINING WALL TO ACCEPT NEW FINISHES - COORDINATE W/MEP CONTRACTORS FOR DISCONNECTS. REMOVAL SHALL INCLUDE ANY AND ALL EXISTING TOP PARTITION ANCHORS AT EXISTING STEEL BEAMS.
  - 5A REMOVE EXISTING PORTION OF SELECTED WALL AS REQUIRED FOR NEW DOOR WINDOW MECHANICAL PENETRATION AND APPLICABLE FRAME SYSTEM - PATCH/REPAIR/RESTORE REMAINING WALL TO ACCEPT NEW FINISHES - COORDINATE W/MEP CONTRACTORS FOR DISCONNECTS AND WALL PENETRATION SIZES.
  - 5B REMOVE EXISTING SELECTED CMU/ MASONRY WALL IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE REMAINING WALL TO ACCEPT NEW FINISHES - COORDINATE W/MEP CONTRACTORS FOR DISCONNECTS. REMOVAL SHALL INCLUDE ANY AND ALL EXISTING TOP PARTITION ANCHORS AT EXISTING STEEL BEAMS.
  - 6 REMOVE EXISTING WINDOW & FRAMES IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE WALL TO ACCEPT NEW FINISHES.
  - 6A REMOVE EXISTING STOREFRONT CURTAINWALL SYSTEM IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE WALL TO ACCEPT NEW FINISHES.
  - 7 REMOVE EXISTING DOOR & FRAME IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE WALL TO ACCEPT NEW FINISHES.
  - 7A REMOVE EXISTING DOOR "HIDDEN" SHELITE & FRAME IN THEIR ENTIRETY - PATCH/REPAIR/RESTORE WALL TO ACCEPT NEW FINISHES.
  - 8 REMOVE EXISTING COLUMN ENCLOSURE & FRAMING IN ITS ENTIRETY.
  - 9 REMOVE EXISTING LOCKERS AND ASSOCIATED BLOCKING. LOCKERS TO BE STORED AND REINSTALLED IN NEW LOCATION. REMOVE AND DISPOSE OF RUBBER BASE. REFER TO THE PROPOSED DRAWINGS FOR NEW LOCATIONS.
  - 10 EXISTING PLUMBING FIXTURE TO BE REMOVED BY P.C. - G.C. SHALL COORDINATE DISCONNECTS W/ P.C. G.C. TO REMOVE COUNTERTOP & BASE CABINETS.
  - 11 EXISTING MECH EQUIPMENT TO BE REMOVED AND DISPOSED OF BY M.C.
  - 12 EXISTING SMART BOARD TO BE REMOVED AND TURNED OVER TO OWNER.
  - 13 REMOVE EXISTING CASEWORK, SHELVING BASE UNITS AND ASSOCIATED BLOCKING.
  - 14 EXISTING ELECTRICAL PANEL TO BE RELOCATED.
  - 15 G.C. SHALL REMOVE AND DISPOSE OF ALL EXISTING VEGETATION, STONE, LARGE BOLDERS, PLANTER BOXES, TABLES, BENCHES, AND SUBGRADE AS REQD FOR NEW SUBBASE AND CONCRETE SLAB ON GRADE.
  - 16 EXISTING EXPOSED DECK AND BEAMS TO BE CLEANED, SCRAPED, AND PREPPED FOR NEW FINISH.
  - 17 REMOVE AND DISPOSE OF FIRE EXTINGUISHER CABINET. TURN FIRE EXT. OVER TO OWNER.
  - 18 EXISTING VENDING MACHINES TO BE MOVED BY OWNER.
  - 19 REMOVE AND DISPOSE OF EXISTING DISPLAY CASE. COORD. WITH OWNER PRIOR TO REMOVAL.
  - 20 REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS IN ITS ENTIRETY THROUGHOUT TOILET ROOM. REMOVE ALL ACCESSORIES MOUNTED TO PARTITIONS.
  - 21 EXISTING COPIER TO BE REMOVED AND TEMPORARILY RELOCATED BY OWNER.
  - 22 REMOVE AND TURN OVER TO OWNER ALL EXISTING WALL HUNG PLAQUES.
  - 23 REMOVE AND DISPOSE OF EXISTING WHITE BOARD / CHALK BOARD.
  - 24 REMOVE AND TURN OVER TO OWNER EXISTING LCD TV DISPLAY.
  - 25 G.C. TO DEMO EXISTING RAILING. PATCH AND REPAIR WALL AS NEED TO RECEIVE RELOCATED LOCKERS.
  - 26 EXISTING RECESSED DRINKING FOUNTAIN TO BE REMOVED BY P.C. - G.C. SHALL COORDINATE DISCONNECTS W/ P.C.
  - 27 EXISTING WOOD HANDRAIL TO BE DEMOLISHED. EXISTING GUARDRAIL TO REMAIN. PATCH ANY HOLES LEFT IN EXISTING WALL AND GUARDRAIL.
  - 28 G.C. TO REMOVE ALL EXISTING FIXED AMPHITHEATER CHAIR.
  - 29 G.C. TO OPEN AND PATCH WALL TO ALLOW FOR NEW OUTLETS ON EXISTING WALL PARTITIONS TO REMAIN. COORDINATE WITH ELECTRICAL PLANS & E.C.

**FLOOR PLAN LEGEND**  
AREA NOT IN CONTRACT U.O.N.

REV.	DATE	ITEM

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**KEY PLAN**  
NO SCALE

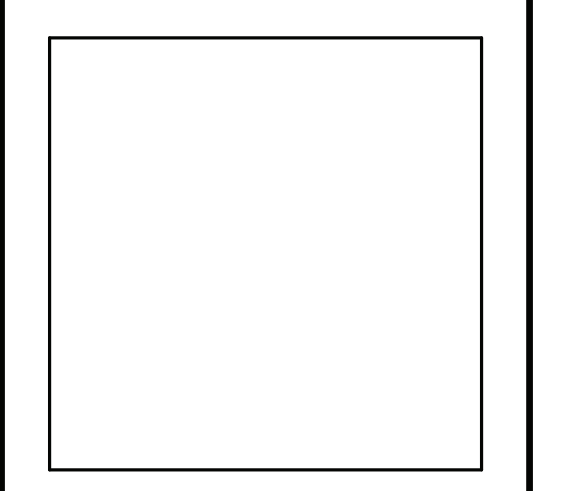
**BRIARCLIFF MANOR U.F.S.D.**  
**PHASE 2 BOND IMPROVEMENTS**  
**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
**DEMOLITION SECOND FLOOR PLAN - AREA D**

**PROJECT**  
DWG TITLE

**DRWG. BY:** C.M.  
**CHK. BY:** G.E.O.

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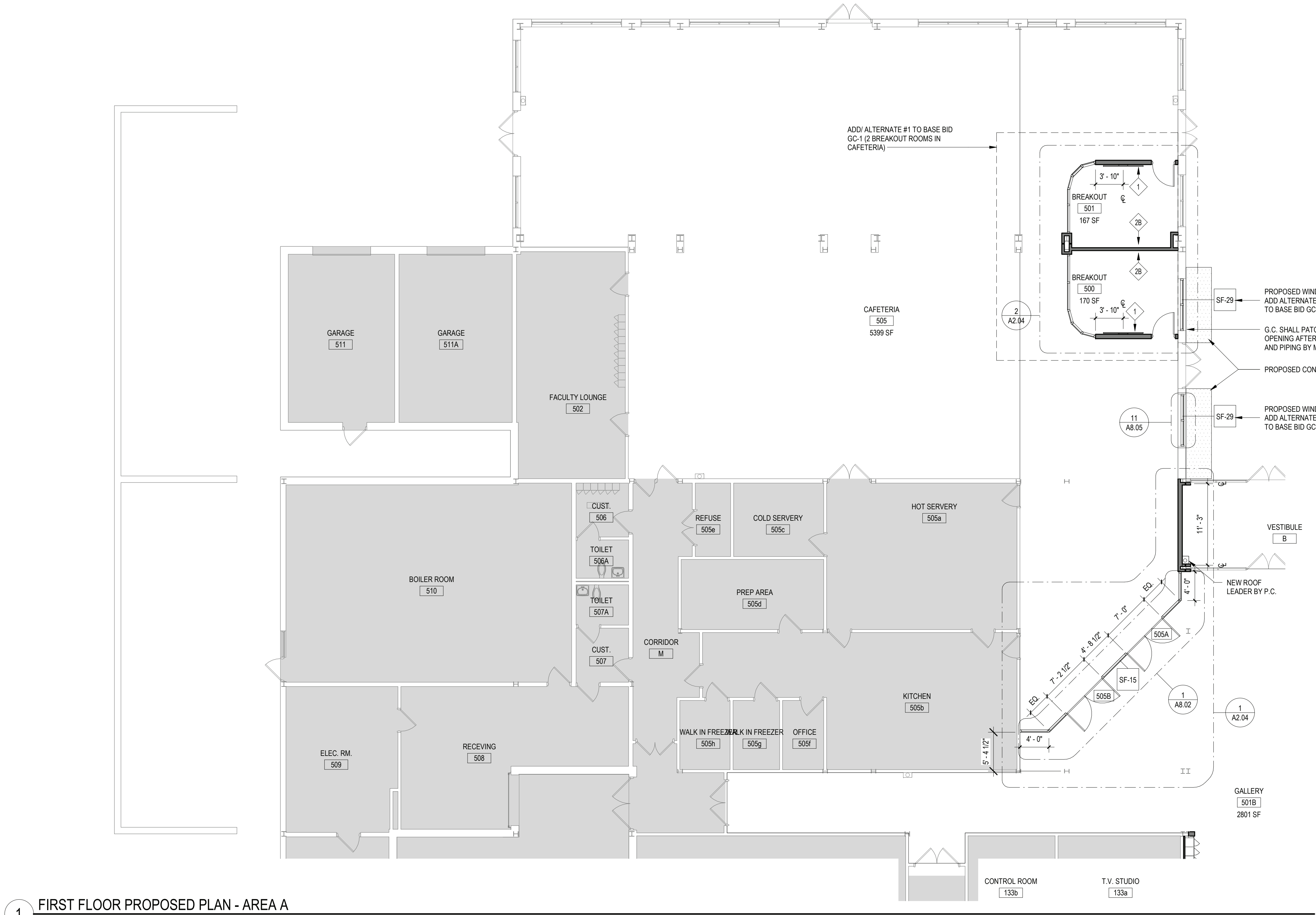
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244 EAST MAIN STREET, PATCHOGUE, NEW YORK 11772, T. 631.475.0349, T. 631.475.0361  
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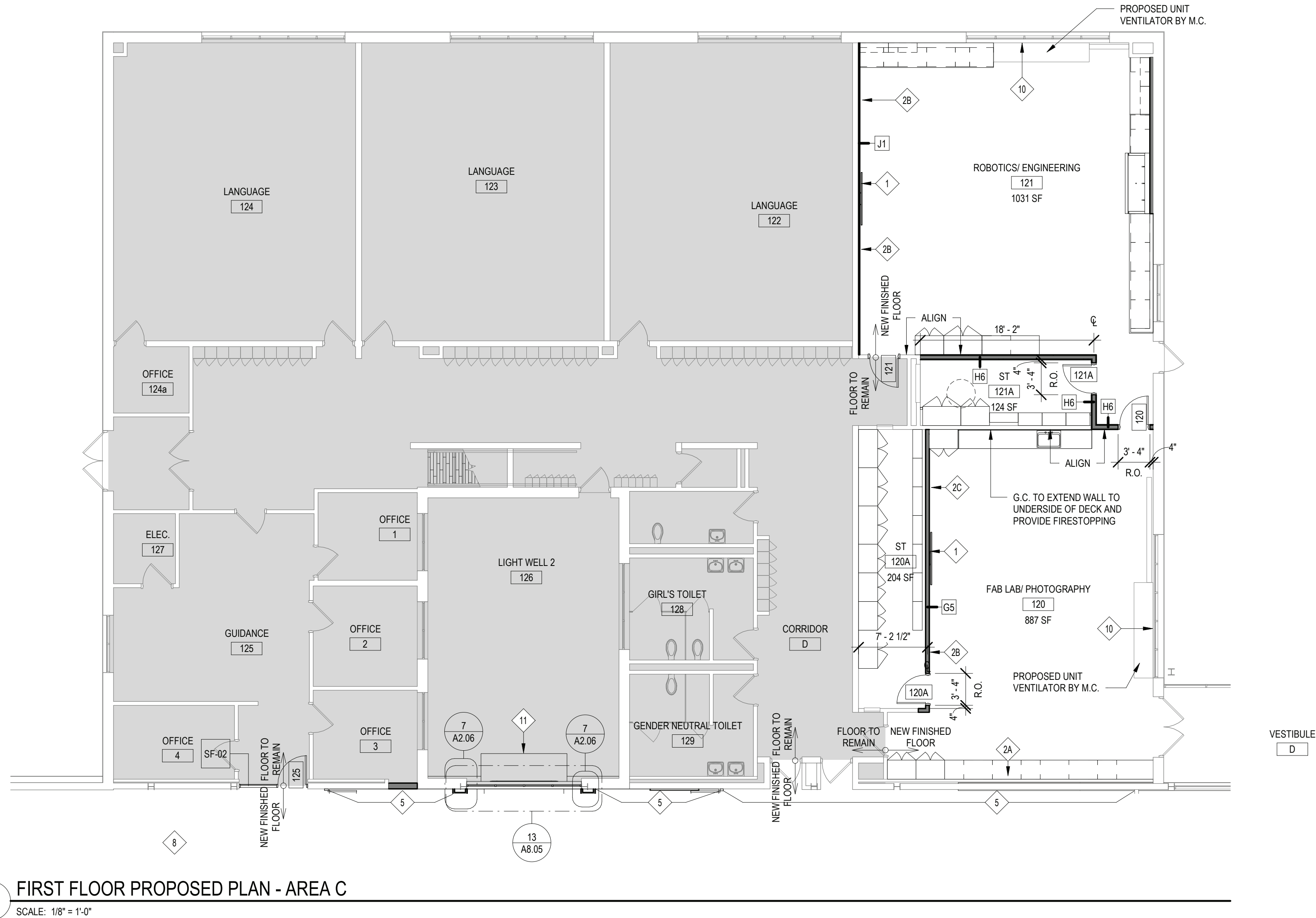
**SER. NO.** 66-14-02-02-0-004-023  
**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE** DEMOLITION SECOND FLOOR PLAN - AREA D  
**SCALE:** AS NOTED  
**DATE:** -  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A1.03** **HSMS**





1 FIRST FLOOR PROPOSED PLAN - AREA A  
SCALE: 1/8" = 1'-0"

















2 FIRST FLOOR PROPOSED PLAN - AREA C  
SCALE: 1/8" = 1'-0"

ARCHITECTURAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
X	KEY NOTE
XXX	DOOR NUMBER
WX	WINDOW DESIGNATION
ROOM TAG ROOM NAME ROOM NUMBER ROOM AREA	
ELEVATION DATUM	
DETAIL TAG DETAIL NUMBER DRAWING NUMBER	
SECTION / ELEVATION TAG DETAIL NUMBER DRAWING NUMBER	
--- (XX)	DENOTES INTERIOR PARTITION TYPE - REFER TO PARTITION TYPES FOR ADDITIONAL INFORMATION
(E.C.)	DENOTES LOCATION OF RECESSED FIRE EXTINGUISHER WITH FIRE RATED CABINET
(D.F.)	DENOTES LOCATION OF DRINKING FOUNTAIN
(F.)	DENOTES LOCATION OF FULL BUILDING EXPANSION JOINT. PROVIDE APPROPRIATE INTERIOR FLOOR, WALL AND CEILING EXPANSION JOINT COVERS, WHERE APPLICABLE. PROVIDE VERTICAL JOINT BY 'BSEAL' OR EQUAL AT EXTERIOR, WHERE APPLICABLE.
(M.C.T.)	DENOTES LOCATION OF 12" MASONRY CONTROL JOINT WITH CONTINUOUS BACKER ROD AND SEALANT.
(S.S.)	DENOTES LOCATION OF NEW CAST STONE DATE STONE.
(S.P.)	DENOTES LOCATION OF NEW DESIGNATION PLaque.
(S.A.)	DENOTES LOCATION OF SMOKE DOOR.
(S.F.F.) (S.X.X.)	DENOTES FINISH FLOOR ELEVATION REFERENCED FROM 0'-0". WHERE ENGINEERING ELEVATIONS ARE REFERENCED (XXX.00), REFER TO CIVIL SERIES DRAWINGS FOR ADDITIONAL DATUM INFORMATION.
(L.L.XX)	DENOTES LOCATION AND DESIGNATION OF NEW LINTEL.
(R.W.)	DENOTES LOCATION OF NEW/EXISTING RESCUE WINDOW.
(T.A.)	DENOTES LOCATION OF TRUSS / JOIST IDENTIFICATION SIGN.
(E.E.D.)	DENOTES LOCATION OF AUTOMATED EXTERNAL DEBRIDULATOR.
(M.O.S.)	DENOTES LOCATION OF ASSEMBLY SPACE MAXIMUM OCCUPANCY SIGN.
(A.O.S.)	DENOTES LOCATION OF AREA OF REFUGE WITH TWO-WAY COMMUNICATION DEVICE. REFER TO E-SERIES DRAWINGS FOR ADDITIONAL INFORMATION.
(XXX)	DENOTES MAXIMUM DOOR / STAIR EXITING CAPACITY.
(XX)	DENOTES R.E.U. FOR ASSEMBLY SPACES.
(M)	DENOTES DOOR ON MAGNETIC AUTOMATIC HOLD OPEN DEVICE, CONNECTED TO FIRE ALARM SYSTEM.
(W.O.L.) (P.S.)	XX - MAX. OCCUPANCY LOAD (PER N.Y.S. CODE) XX - PUPIL STATION COUNT
(P.S.)	DENOTES ACCESSIBLE ENTRANCE/EXIT, FIXTURE, ACCESSORY DEVICE, OR PARTICIPATION AREA.
REVISION CLOUD AND KEYED DESIGNATION. REFER TO DRAWING TITLEBLOCK FOR ADDITIONAL INFORMATION.	

## ARCHITECTURAL KEY NOTES

- 75" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/A2.06 FOR INFO.
- 85" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/A2.06 FOR INFO.
- 85" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/A2.06 FOR INFO.
- 16" MARKER BOARD BY G.C.
- 8" MARKER BOARD BY G.C.
- 6" MARKER BOARD BY G.C.
- 4" MARKER BOARD BY G.C.
- HOMASOTE TACK BOARD WRAPPED W/ FABRIC, CUT TO ALIGN WITH WALL CABINETS ABOVE.
- G.C. SHALL INFILL EXISTING GYP. BOARD WALL OPENING ABOVE CEILING AND/OR INFILL TO NEW SIZED OPENING AFTER DUCT REMOVAL/INSTALL BY M.C. MATCH EXISTING ADJACENT CONDITIONS. TAPE/SPACKLE AND FIRE STOPPE OPENINGS. (TYP.)
- G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING WALL MOUNTED LIGHTING BY E.C. PAINT. (TYPICAL ENTIRE LENGTH OF CORRIDOR)
- G.C. SHALL PATCH/REPAIR EXISTING MASONRY WALL AFTER REMOVAL OF EXISTING WALL MOUNTED LIGHTING BY E.C. PAINT. PATCH EXISTING FASTENER HOLES. (TYPICAL ENTIRE LENGTH OF CORRIDOR)
- G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING LIGHTING FIXTURE BY E.C. PAINT. (TYP.)
- G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL/INSTALL OF ELECTRICAL PANELS BY E.C. PAINT. (TYP.)
- G.C. SHALL REINSTALL EXISTING LOCKERS AND BASES. PROVIDE NEW CONTINUOUS SLOPE TOP TO MATCH EXISTING COLOR. PROVIDE NEW RUBBER BASE AT LOCKER. (TYP.)
- G.C. SHALL PROVIDE AND INSTALL NEW SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS AND ELECTRICAL DRAWINGS FOR UNDERSLAB ELECTRICAL.
- G.C. SHALL INSTALL NEW PHENOLIC RESIN SILL.
- G.C. SHALL PROVIDE AND INSTALL NEW 9'X3'X4" THICK CONCRETE PAD CENTERED ON NEW LOUVER. PROVIDE 6X6 1.0X4.0W/6" REIN. WITH 6" THICK HAUNCH AT PERIMETER. PROVIDE BROOM FINISH.

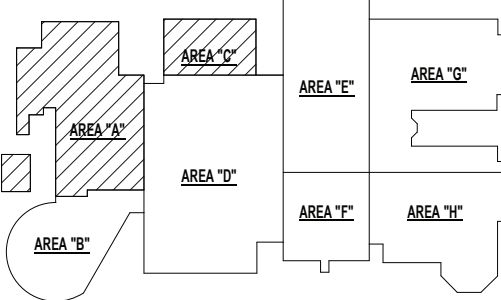
<u>MATERIAL LEGEND</u>			
HATCH	MATERIAL	HATCH	MATERIAL
	CMU WALL CONSTRUCTION		EARTH
	2-HOUR FIREWALL CONSTRUCTION		GRAVEL
	BRICK VENEER CONSTRUCTION		RIGID INSULATION
	GYP/UM AND METAL STUD WALL CONSTRUCTION		BATT INSULATION
	GYP/UM BOARD PLASTER, MORTAR, SAND		PLYWOOD
	CONCRETE		INTERMEDIATE BLOCKING CONTINUOUS BLOCKING
	STEEL		FINISH WOOD

FLOOR PLAN LEGEND	
(Grey box)	AREA NOT IN CONTRACT U.O.N.

REV.	DATE	ITEM

### NOTICE

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KEY PLAN  
NO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROPOSED FIRST FLOOR PLAN - AREA A & C

PROJECT

DWG/STILE

DRWG. BY: C.M.  
CHK. BY: G.E.O.

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SED NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PROPOSED FIRST FLOOR PLAN - AREA A & C

SCALE: AS NOTED  
DATE: -  
BID PAU DATE: 11/14/2022  
FILE NO. 21-274C

A2.01

HSMS





# ARCHITECTURAL KEY NOTES

1	75° DIGHT SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2 OF FOI INFO.
1A	85° DIGHT SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2 OF FOI INFO.
1B	65° DIGHT SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2 OF FOI INFO.
2A	1" MARKER BOARD BY G.C.
2B	8" MARKER BOARD BY G.C.
2C	6" MARKER BOARD BY G.C.
2D	4" MARKER BOARD BY G.C.
3	HOMASOTE TACK BOARD WRAPPED W/ FIBER, CUT TO ALIGN WITH WALL CABINETS ABOVE.
4	G.C. SHALL FINISH EXISTING GYP. BOARD WALL OPENING ABOVE CEILING AND OR INFILL TO NEW SIZED OPENING AFTER DUCT REMOVAL/INSTALL BY M.C. MATCH EXISTING ADJACENT CONDITIONS. TAPE/SPACKLE AND FIRE STOPPE OPENINGS. (TYP.)
5	G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING LIGHTING MOUNTED LIGHT BY E.C. PAINT. (TYPICAL ENTIRE LENGTH OF CORRIDOR)
5A	G.C. SHALL PATCH/REPAIR EXISTING MASONRY WALL AFTER REMOVAL OF EXISTING WALL MOUNTED LIGHTS. (TYPICAL ENTIRE LENGTH OF CORRIDOR)
6	G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING LIGHTING FIXTURE BY E.C. PAINT. (TYP.)
7	G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL/INSTALL OF ELECTRICAL PANELS BY E.C. PAINT. (TYP.)
8	G.C. SHALL REINSTALL EXISTING LOCKERS AND BASES. PROVIDE NEW CONTINUOUS SLOPE TO MATCH EXISTING COLOR. PROVIDE NEW RUBBER SEAL AT LOCKER. (TYP.)
9	G.C. SHALL PROVIDE AND INSTALL NEW SLAB ON GRADE. REFER TO STRUCTURAL DRAWINGS AND ELECTRICAL DRAWINGS FOR UNDERSLAB ELECTRICAL.
10	G.C. SHALL INSTALL NEW PHENOLIC RESIN SILL
11	G.C. SHALL PROVIDE AND INSTALL NEW 9"x3"x4" THICK CONCRETE PAD CENTERED ON NEW LOUVER. PROVIDE 6"x6" x 12" THICK REIN. WITH 4" THICK HAUNCH AT PERIMETER. PROVIDE BROOF FINISH.

<b><u>MATERIAL LEGEND</u></b>			
HATCH	MATERIAL	HATCH	MATERIAL
	CMU WALL CONSTRUCTION		EARTH
	2-HOUR FIREWALL CONSTRUCTION		GRAVEL
	BRICK VENEER CONSTRUCTION		RIGID INSULATION
	GYPSUM AND METAL STUD WALL CONSTRUCTION		BATT INSULATION
	GYPSUM BOARD, PLASTER, MORTAR, SAND		PLYWOOD
	CONCRETE		INTERMEDIATE BLOCKING CONTINUOUS FLOORING
	STEEL		FINISH WOOD

<b><u>FLOOR PLAN LEGEND</u></b>	
	AREA NOT IN CONTRACT U.O.N.

FILE NO. 21-274C

A2.02	HSMs
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1	75" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2.06 FOR INFO.
1A	85" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2.06 FOR INFO.
1B	65" DIAG SMART BOARD BY OWNER. MOUNTING BLOCKING BY G.C. POWER BY E.C. REFER TO MOUNTING DETAIL 1/1A2.06 FOR INFO.
2A	16" MARKER BOARD BY G.C.
2B	8" MARKER BOARD BY G.C.
3C	6" MARKER BOARD BY G.C.
3D	4" MARKER BOARD BY G.C.
4	HOMASOTE TACK BOARD WRAPPED W/ FABRIC, CUT TO ALIGN WITH WALL CABINETS ABOVE.
5	G.C. SHALL INFILL EXISTING GYP. BOARD WALL OPENING ABOVE CEILING AND/OR INFILL TO NEW SIZED OPENING AFTER REMOVAL. INSTALL BY M.C. MATCH EXISTING ADJACENT CONDITIONS. TAPE/SPACKLE AND FINE SPOUR OPENINGS. (TYP.)
6	G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING WALL MOUNTED LIGHTING BY E.C. PAINT. (TYPICAL ENTIRE LENGTH OF CORRIDOR)
7	G.C. SHALL PATCH/REPAIR EXISTING MASONRY WALL AFTER REMOVAL OF EXISTING WALL MOUNTED LIGHTING BY E.C. PAINT. PATCH EXISTING FASTER HOLES. (TYPICAL ENTIRE LENGTH OF CORRIDOR.)
8	G.C. SHALL PATCH/REPAIR EXISTING GYP. BOARD WALL AFTER REMOVAL OF EXISTING LIGHTING FIXTURE BY E.C. PAINT. (TYP.)
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10	G.C. SHALL REINSTALL EXISTING LOCKERS AND BASES. PROVIDE NEW CONTINUOUS SLOPE TOP TO MATCH EXISTING COLOR. PROVIDE NEW RUBBER BASE ON GRADE. (TYP.)
11	G.C. SHALL PROVIDE AND INSTALL NEW SLAB ON LOOSE. REFER TO STRUCTURAL DRAWINGS AND ELECTRICAL DRAWINGS FOR UNDERSLAB ELECTRICAL.
12	G.C. SHALL INSTALL NEW PHENOLIC RESIN SILL
13	G.C. SHALL PROVIDE AND INSTALL NEW 9X33 1/4" THICK CONCRETE PAD CENTERED ON NEW LOUVER. PROVIDE 6X6 4.0X4.0X6 REINFC. WITH 9" THICK HAUNCH AT PERIMETER. PROVIDE BROOM FINISH.

## GENERAL CONSTRUCTION NOTES

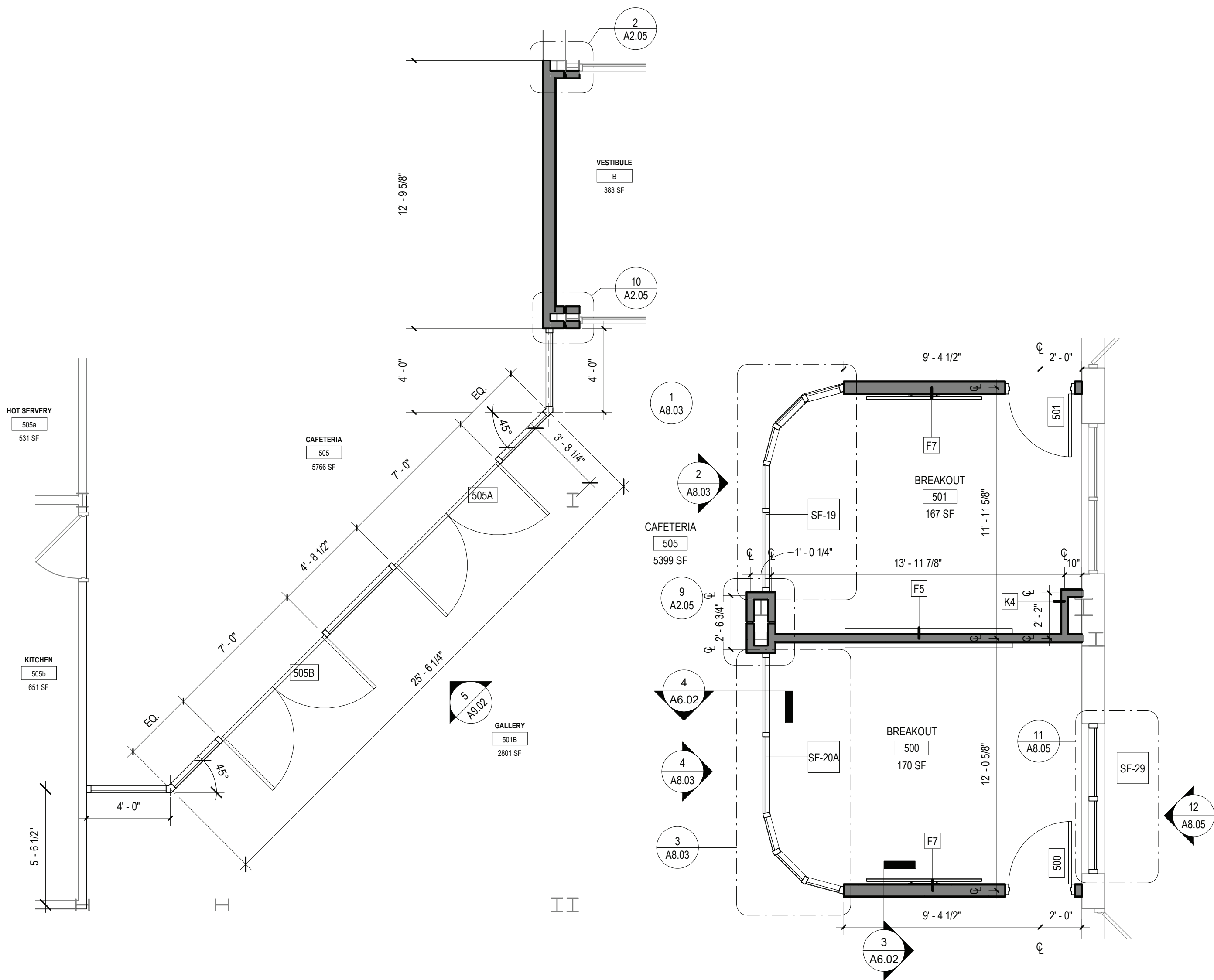
1. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BIDDING AND PROCEEDING WITH WORK NOTING ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
2. CONFORMANCE WITH STATE AND LOCAL CODES, THE REQUIRED EXITS IN THE EXISTING BUILDING MUST BE KEPT CLEAR, MAINTAINED AND PROTECTED DURING THE CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
4. EXISTING AND MAJOR EXISTING ADJACENT SURFACES SHALL BE PROTECTED FROM DAMAGE. IN THE EVENT OF DAMAGE, THE CONTRACTOR SHALL IMMEDIATELY ADVISE THE ARCHITECT AND OBTAIN WRITTEN APPROVAL TO THE APPROVAL OF THE ARCHITECT AND OWNER AND AT NO ADDITIONAL COST TO OWNER.
5. CONTRACTOR SHALL PROTECT ALL AREAS OF WORK FROM INCLEMENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
6. PROJECT WASTE MATERIAL AND RUBBISH SHALL BE DISPOSED IN CONTAINERS PROVIDED BY THE CONTRACTOR FOR SUBSEQUENT LEGAL OFF-SITE DISPOSAL. CONTAINER CLOSURE TO BE COORDINATED WITH THE CITY OF CHICAGO CONSTRUCTION MANAGEMENT. OFF-SITE DISPOSAL TO BE ON A REGULAR BASIS.
7. CONTRACTOR SHALL SURFACES DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED AND/OR REPLACED TO MATCH EXISTING CONDITIONS TO THE APPROVAL OF THE ARCHITECT AND OWNER.
8. ALL DEBRIS, DUST AND DIRT CAUSED BY WORK OF THIS CONTRACT SHALL BE REMOVED FROM SITE BY APPROPRIATE MEANS AND RESTORED ALL CONDITIONS TO EXISTING CLEANLINESS THAT EXISTED PRIOR TO COMMENCEMENT OF WORK.
9. DEMOLITION AND CONSTRUCTION WORK TO BE PERFORMED MUST NOT PROCEED UNTIL WRITTEN APPROVAL HAS BEEN OBTAINED FROM OWNER.
10. ALL MATERIALS AND METHODS OF INSTALLATION OF THEIR WORK WITH EACH OTHER AND WITH THE WORK BEING PERFORMED UNDER SEPARATE CONTRACTS BY OTHERS AND AS DESCRIBED BY THE ARCHITECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. REFER TO CONSTRUCTION IMPLEMENTATION PLANS AND CONSTRUCTION SPECIAL PROVISIONS (PREPARED BY OTHERS, A PART OF THE PROJECT) FOR ALL REQUIREMENTS FOR TEMPORARY CONSTRUCTION.

FLOOR PLAN LEGEND	
	AREA NOT IN CONTRACT U.O.N.

A2.03	HSMS
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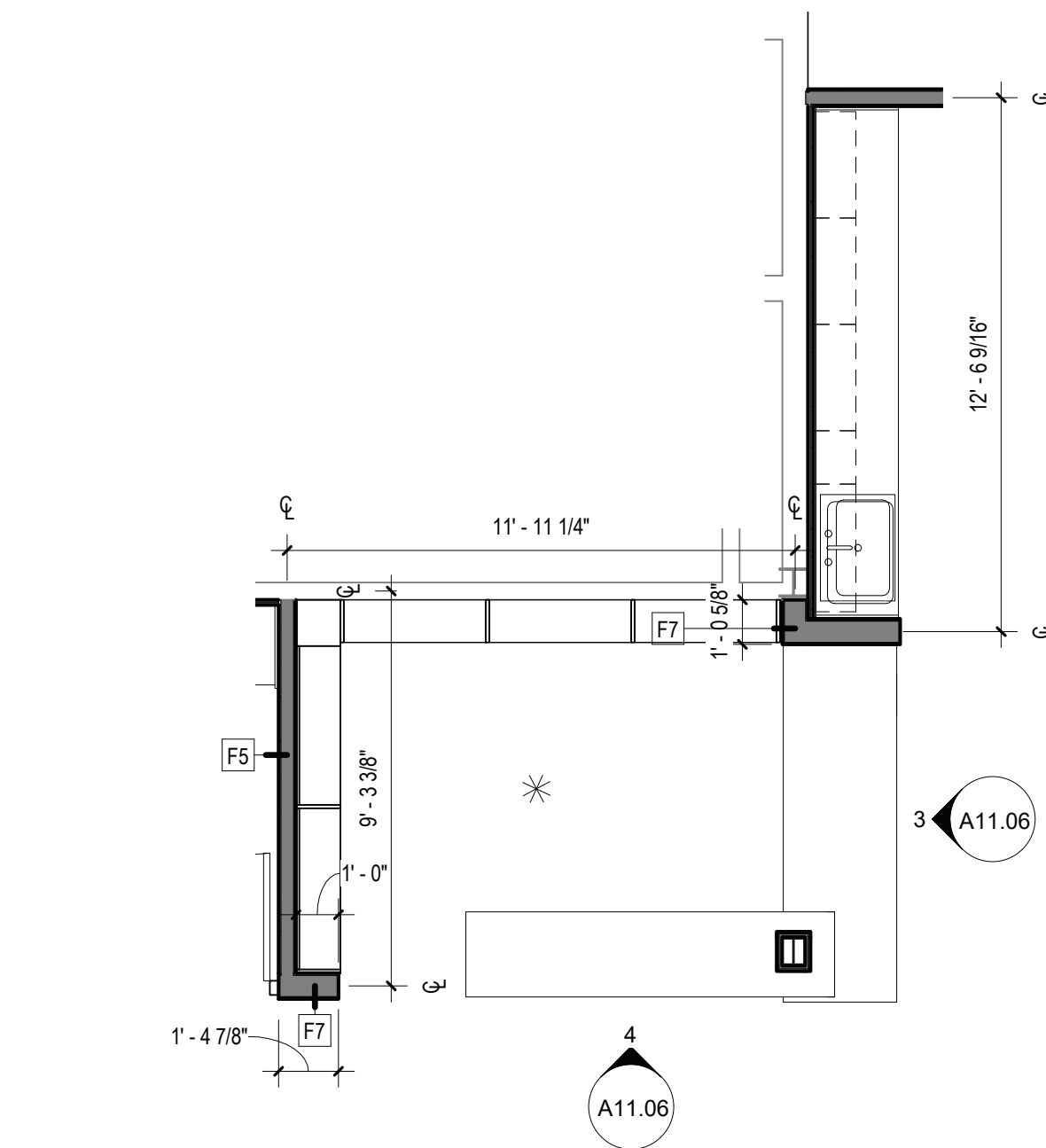
**BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510**



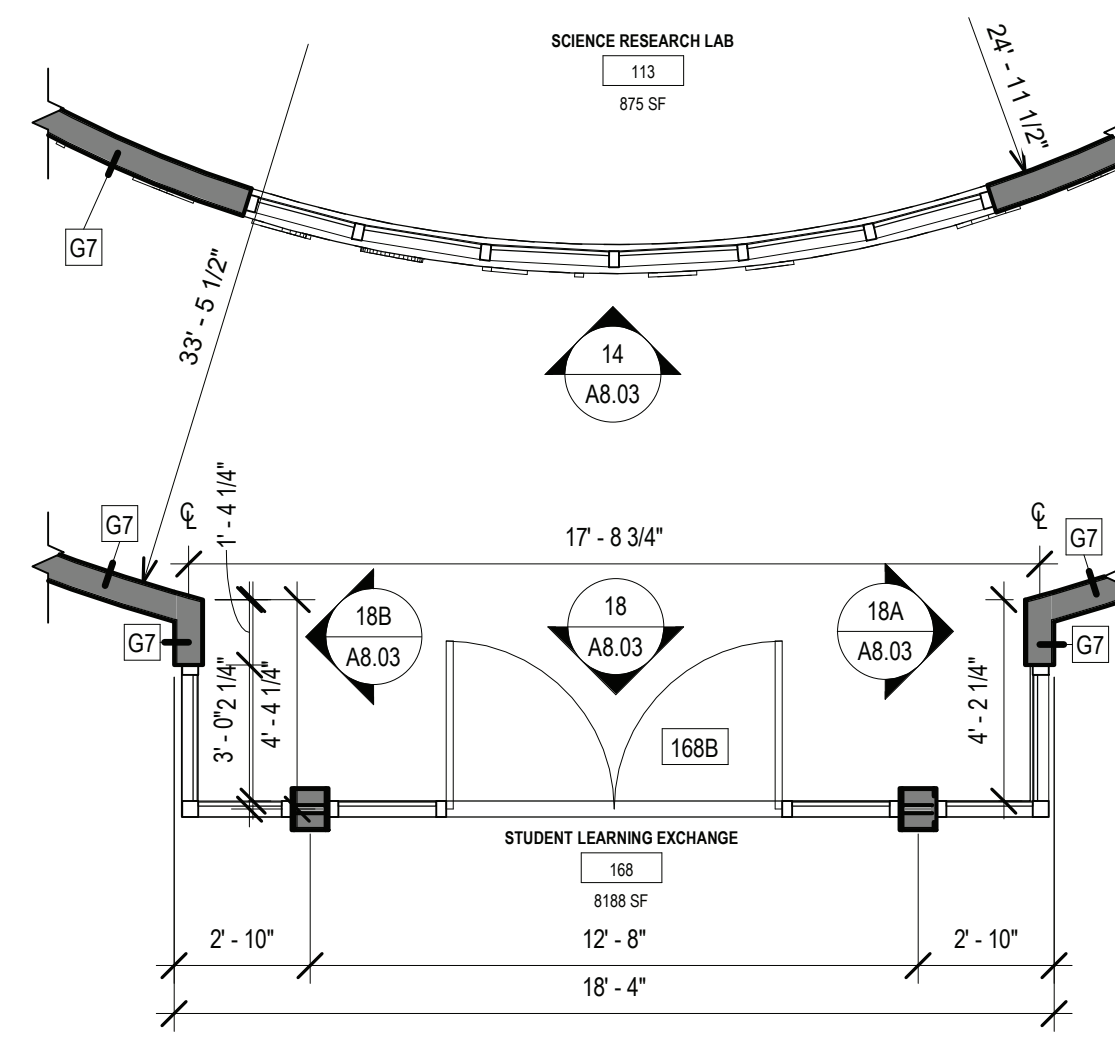


1 ENLARGED PLAN - AREA A - CAFETERIA ENTRY  
SCALE: 1/4" = 1'-0"

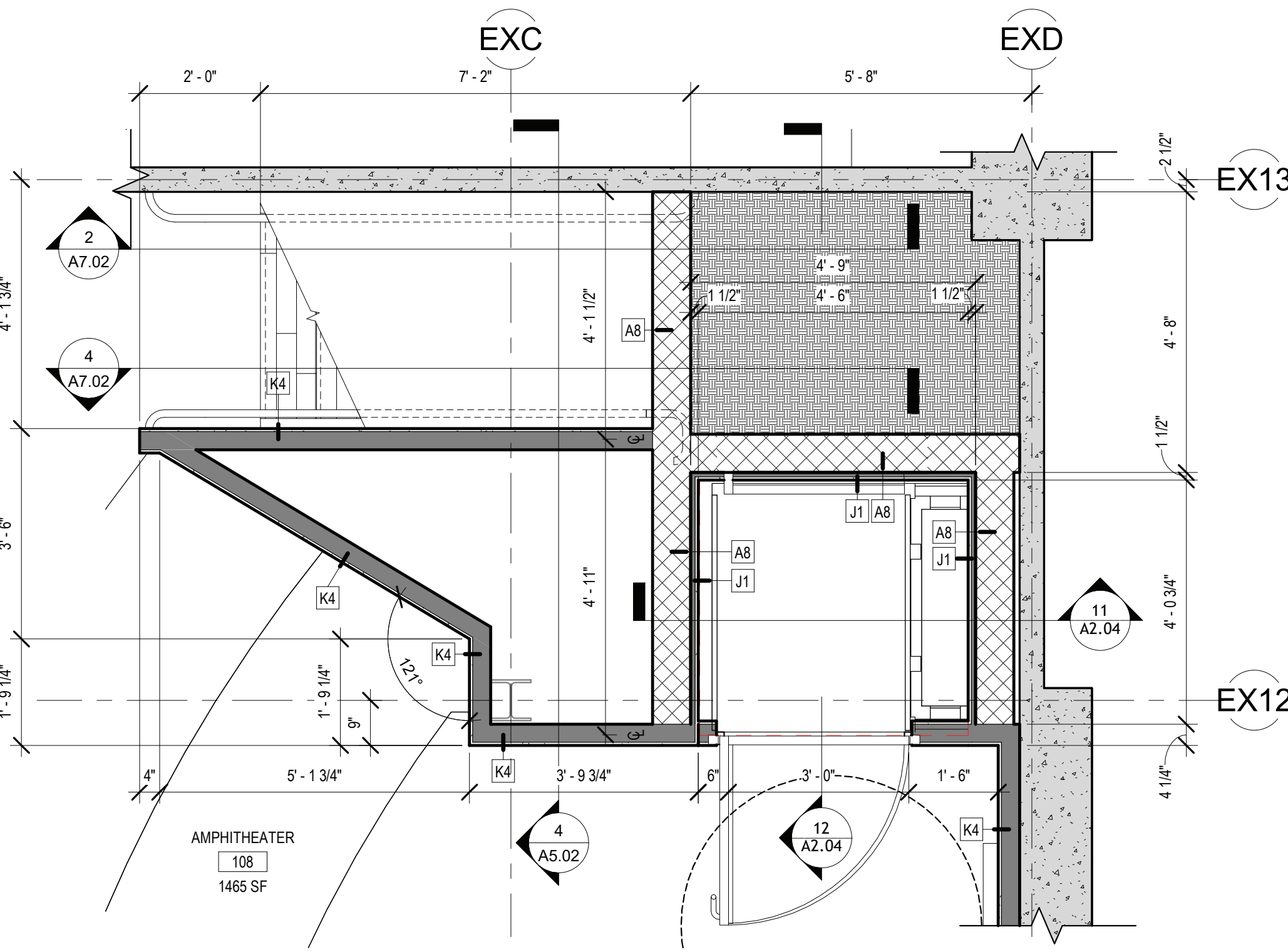
2 ADD/ALT # 1 - ENLARGED PLAN AREA A - BREAKOUT ROOMS  
SCALE: 1/4" = 1'-0"



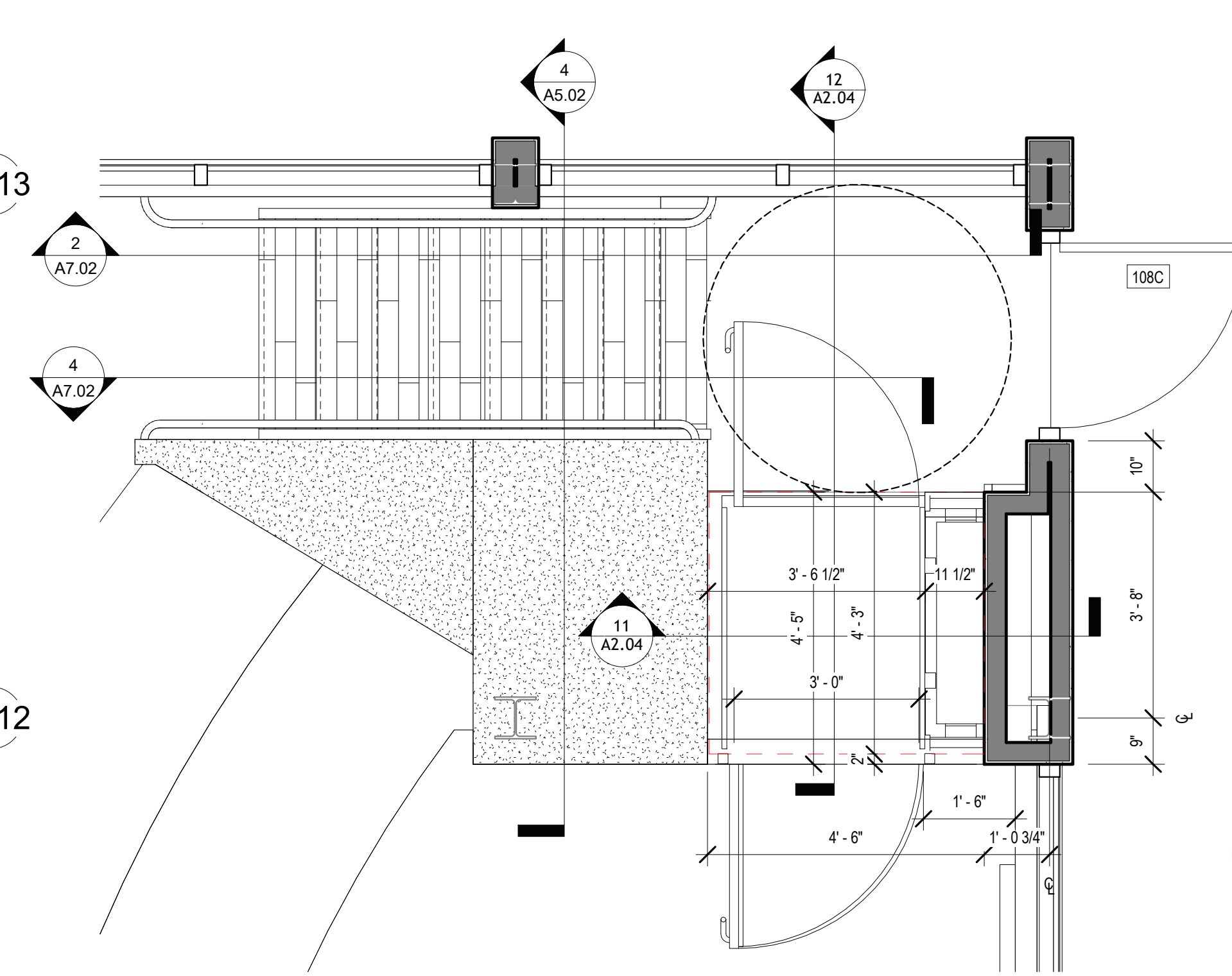
5 ENLARGED PLAN - AREA D - SLE FRONT DESK  
SCALE: 1/4" = 1'-0"



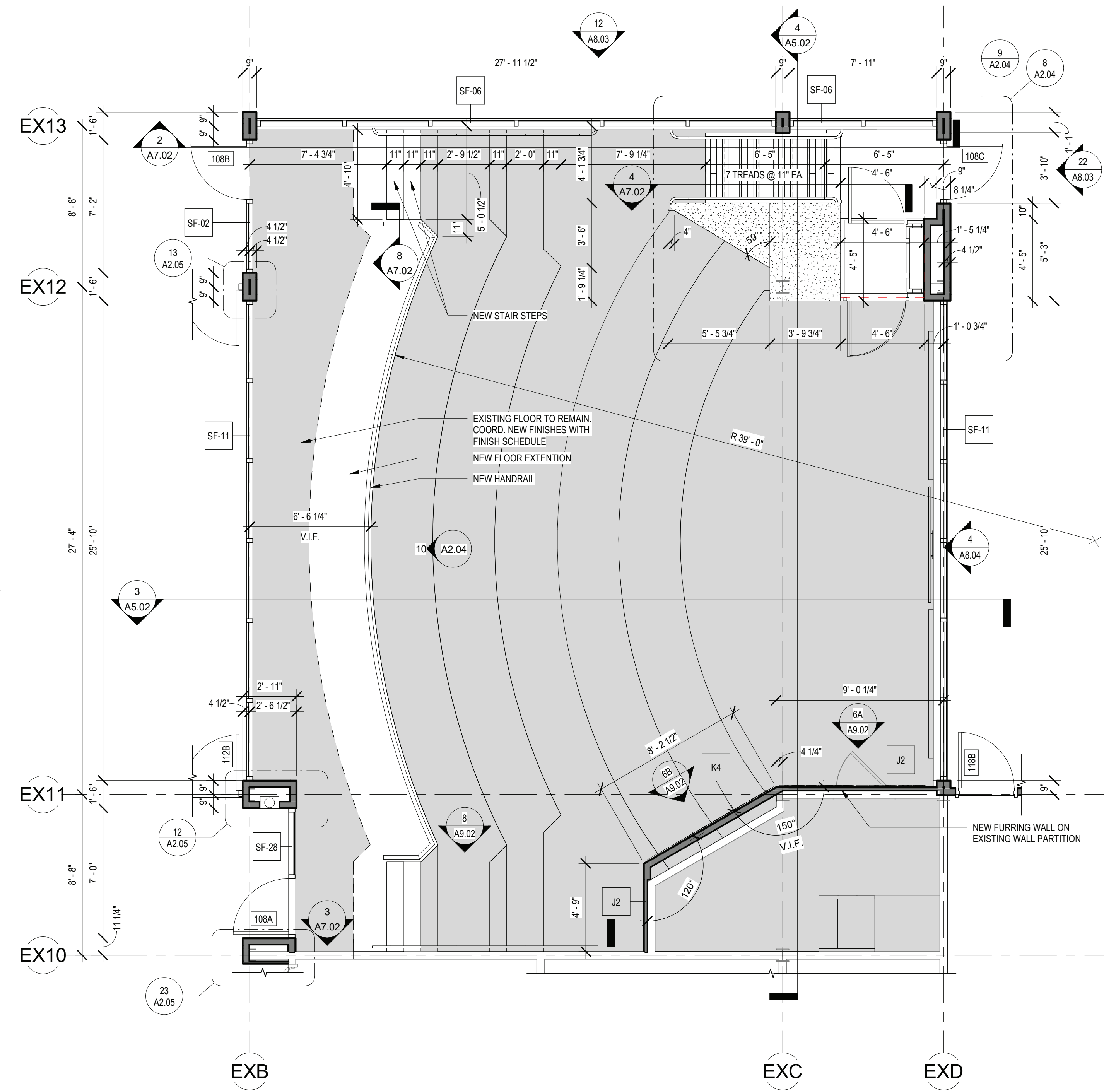
6 ENLARGED PLAN - AREA D - SLE MAIN ENTRY  
SCALE: 1/4" = 1'-0"



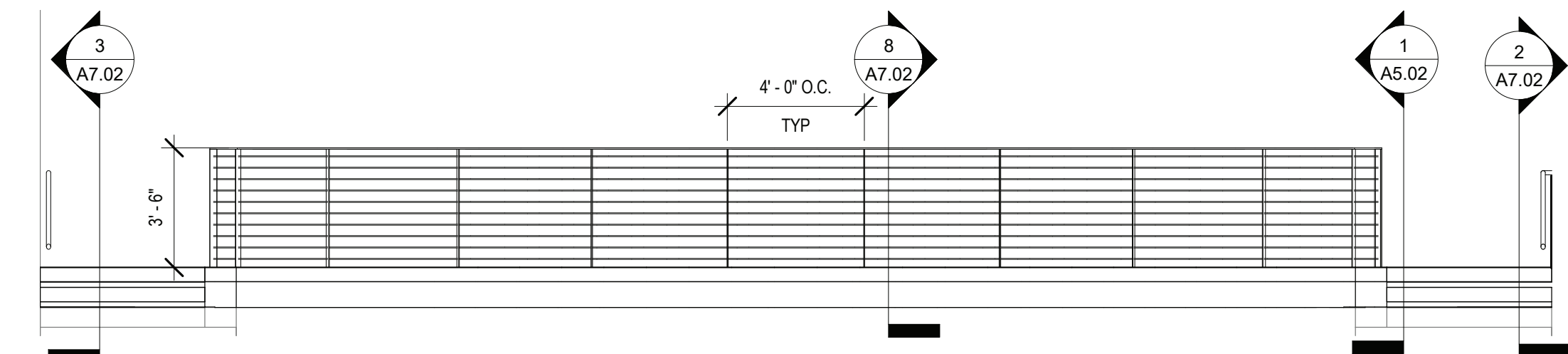
8 ENLARGED PLAN - AREA D - AMPHITHEATER LIFT AND STAIR PLAN - LOWER LEVEL  
SCALE: 1/2" = 1'-0"



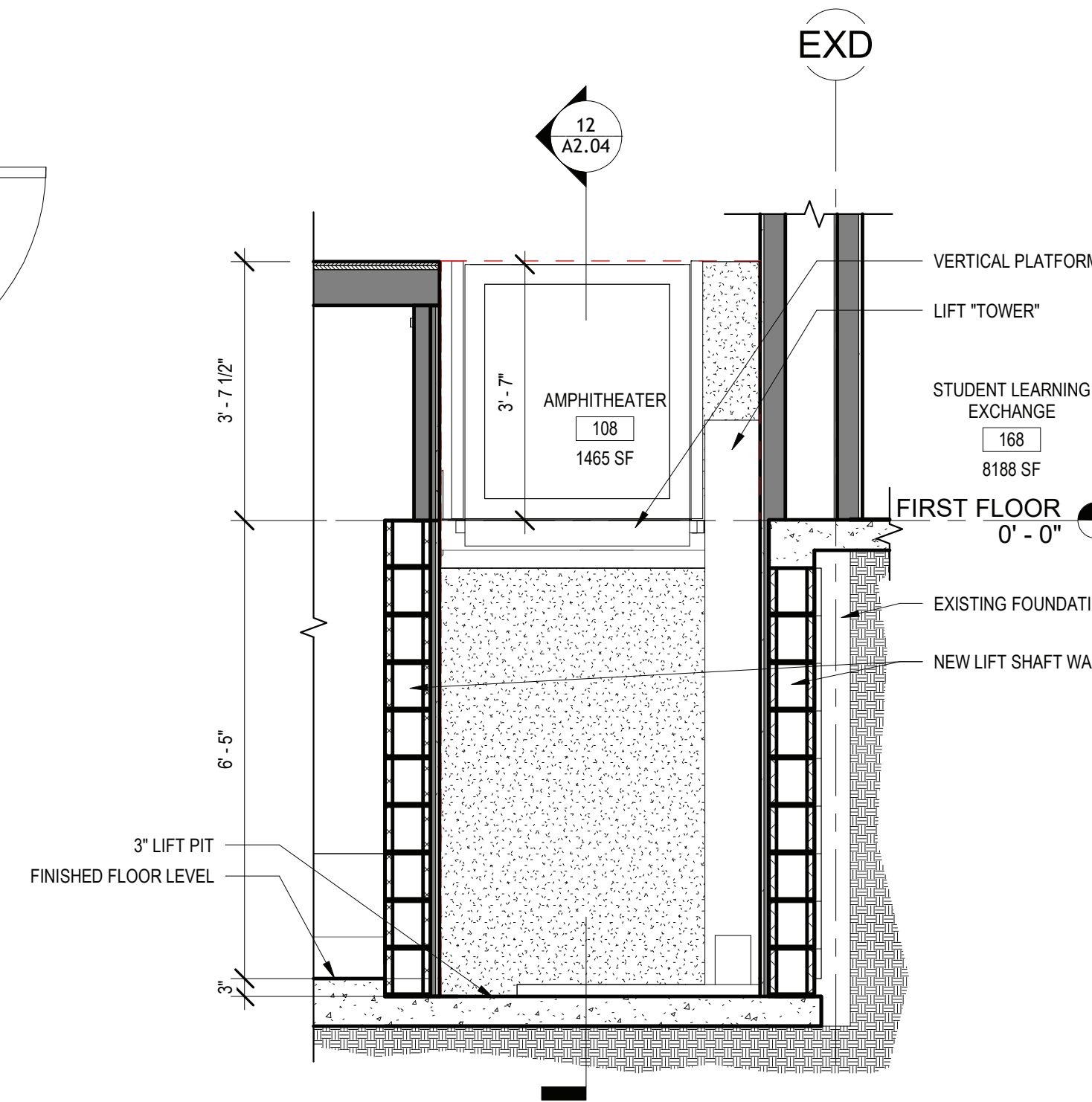
9 ENLARGED PLAN - AREA D - AMPHITHEATER LIFT AND STAIR PLAN - UPPER LEVEL  
SCALE: 1/2" = 1'-0"



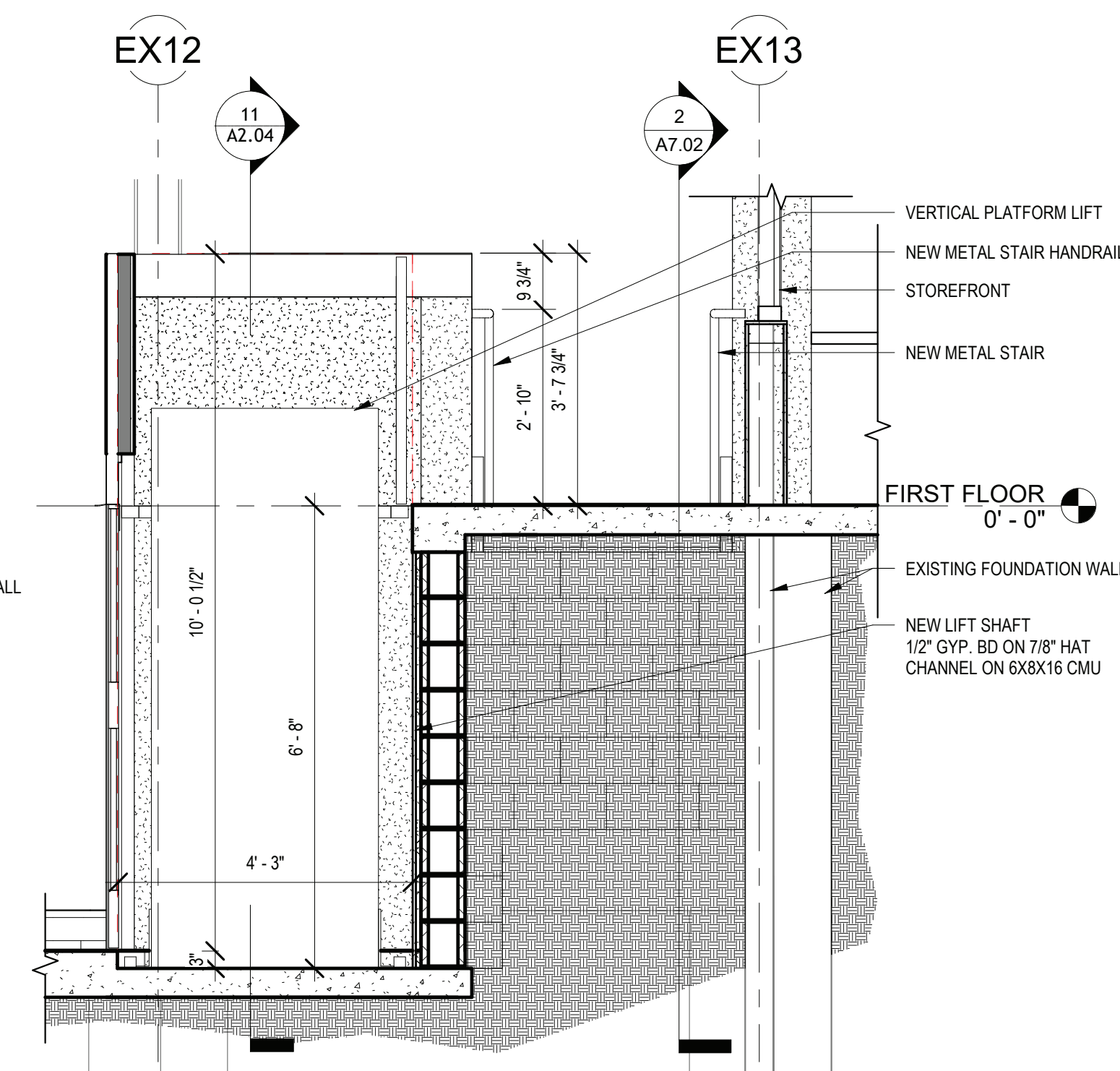
7 ENLARGED PLAN - AMPHITHEATER  
SCALE: 1/4" = 1'-0"



10 AMPHITHEATER GUARDRAIL ELEVATION  
SCALE: 1/4" = 1'-0"



11 Section 10  
SCALE: 1/2" = 1'-0"



12 Section 11  
SCALE: 1/2" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

#### ENLARGED PLANS

PROJECT

DWG TITLE

DRWG. BY: J.N.  
CHK. BY: G.E.O.

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SER. NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE ENLARGED PLANS

SCALE: AS NOTED

DATE: 11/14/2022

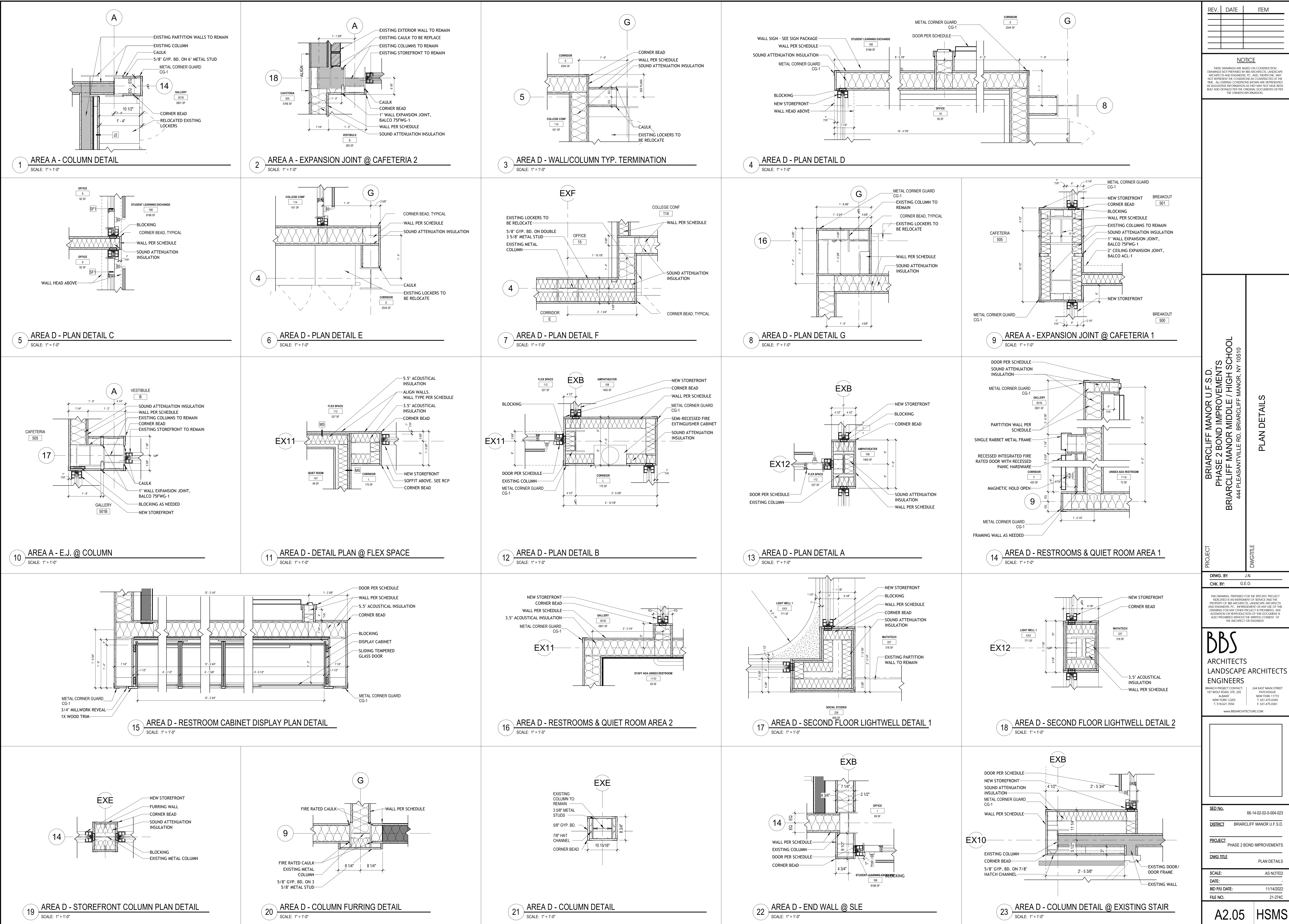
BID PAU DATE: 21-274C

FILE NO. 21-274C

A2.04

HSMS





REV.	DATE	ITEM

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**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PLAN DETAILS

**DRWG. BY:** J.N.  
**CHK. BY:** G.E.O.

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**SED. NO.** 66-14-02-02-0-004-023

**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

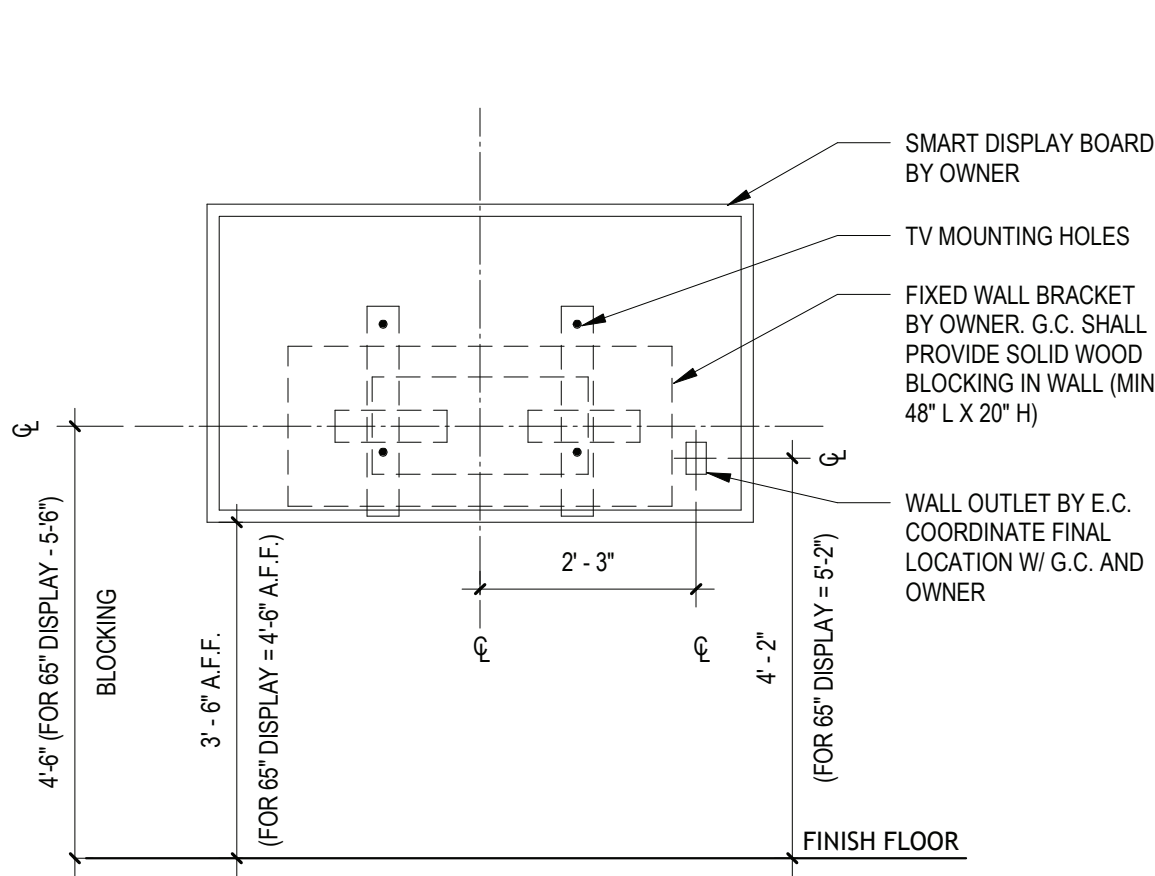
**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE** PLAN DETAILS

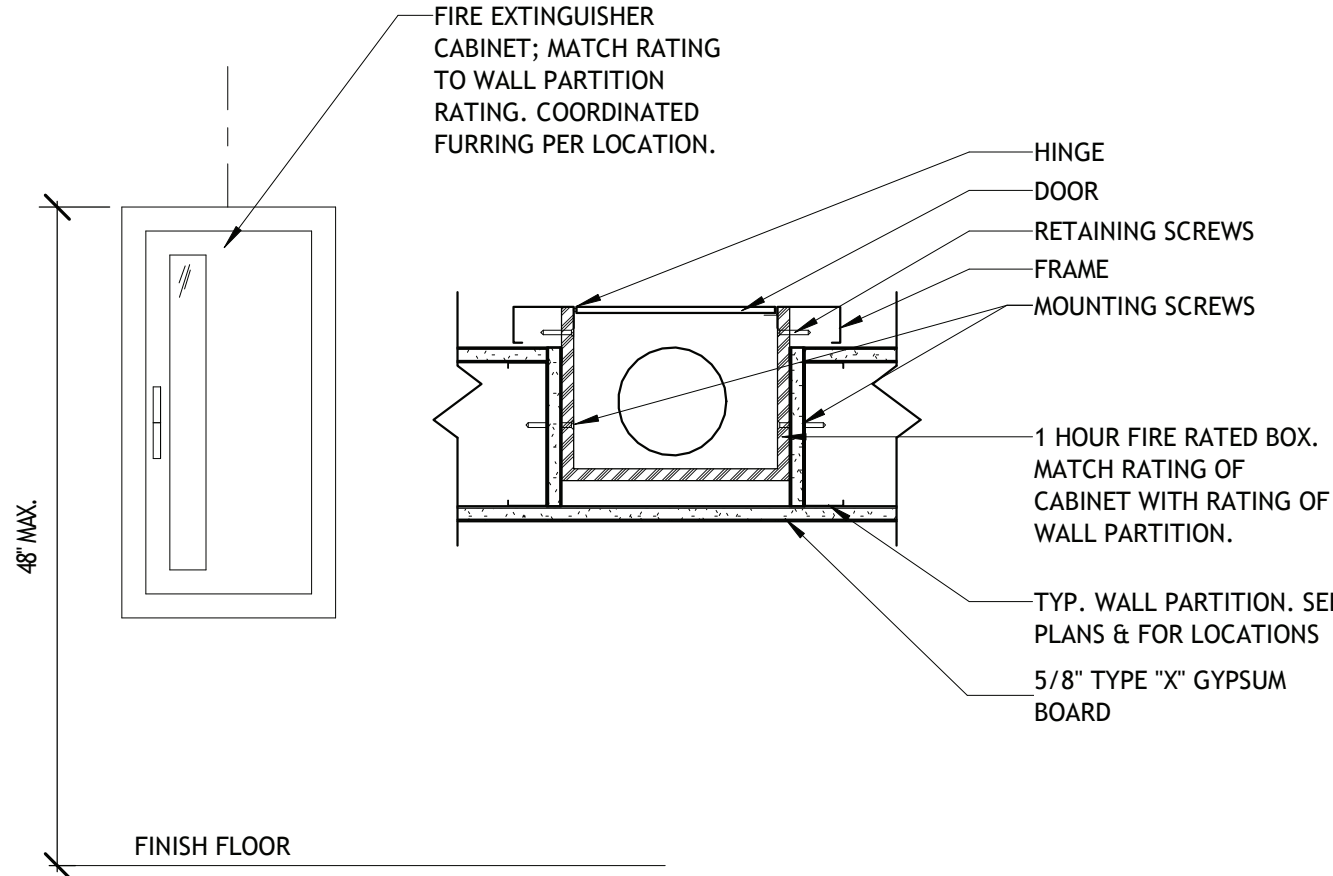
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**DATE:** -  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A2.05** **HSMS**

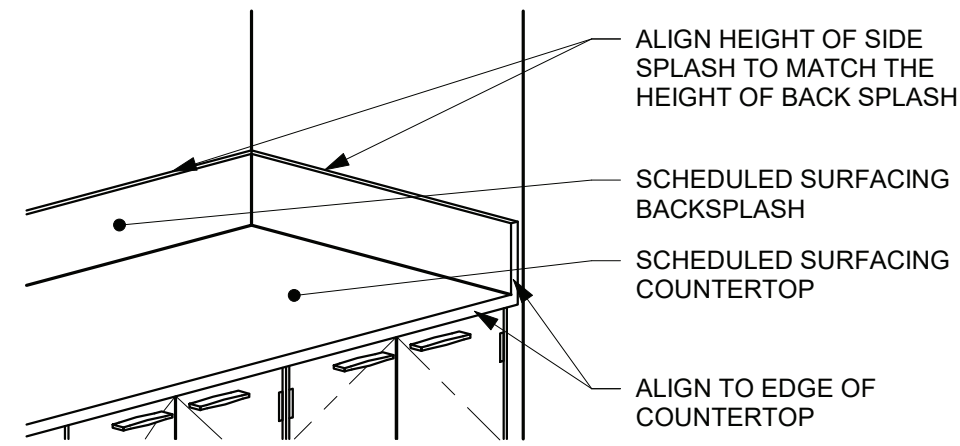




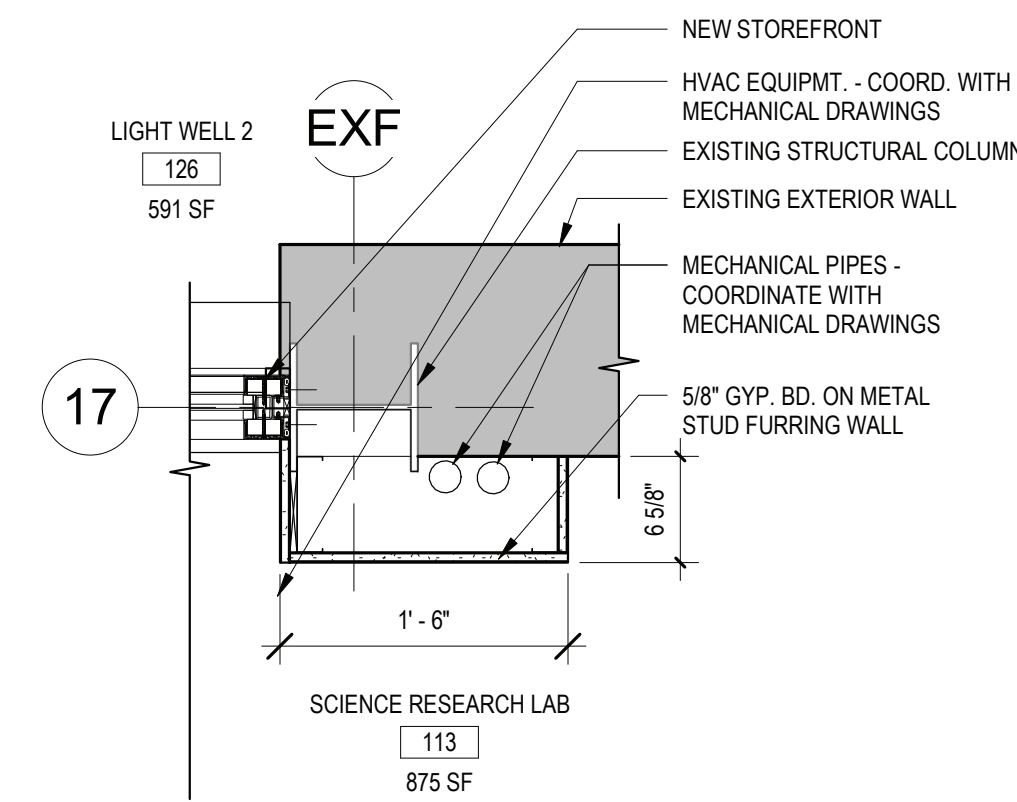
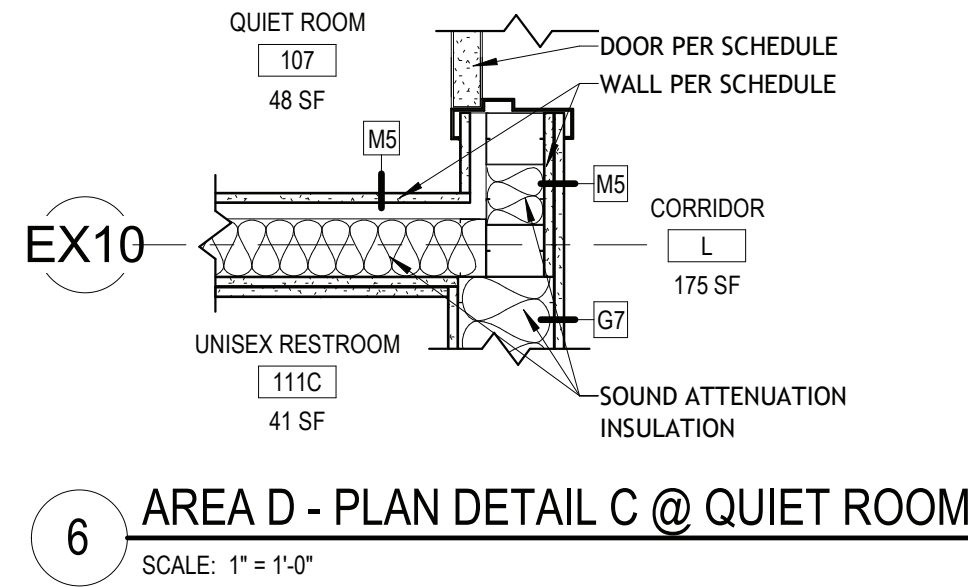
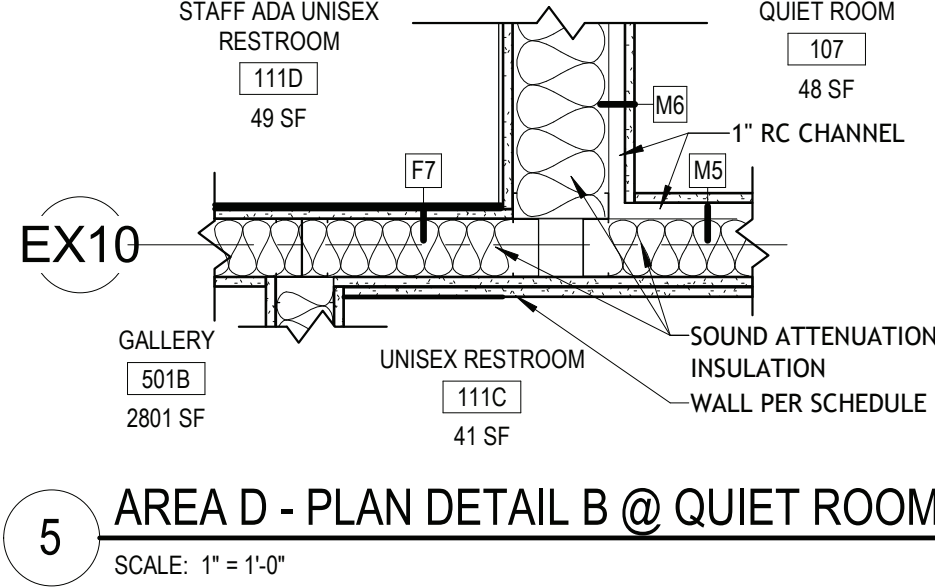
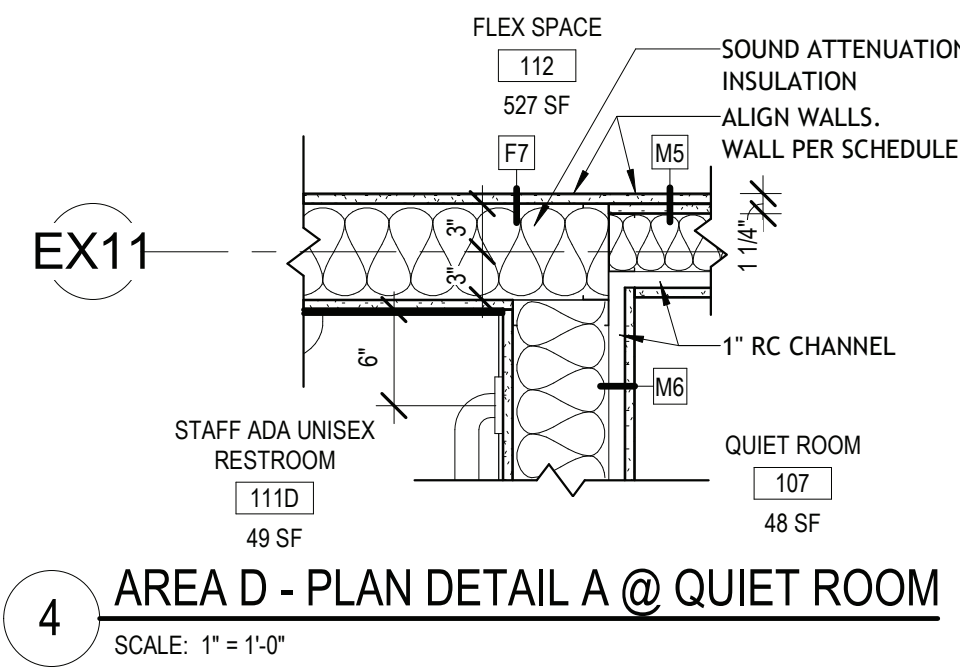
1 SMART BOARD MOUNTING DETAIL  
SCALE: 1/2" = 1'-0"



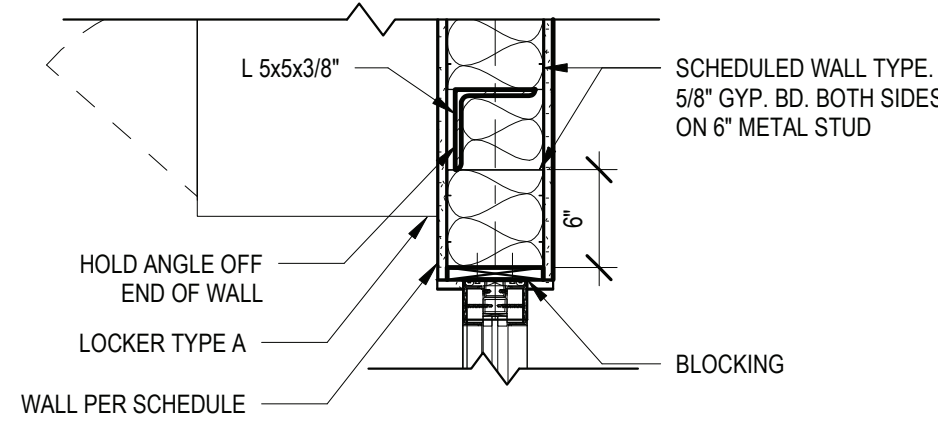
2 TYP. FIRE EXTINGUISHER CABINET @ 1 HR RATED WALL  
SCALE: 1 1/2" = 1'-0"



3 CORIAN SIDE SPLASH  
SCALE: 1/2" = 1'-0"



7 AREA D - PLAN DETAIL - BOX OUT PIPES  
SCALE: 1" = 1'-0"



8 AREA D - PLAN DETAIL A @ FLEX SPACE  
SCALE: 1" = 1'-0"

REV.	DATE	ITEM

#### NOTICE

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PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
MISC DETAILS

DRWG. BY: Author  
CHK. BY: Checker

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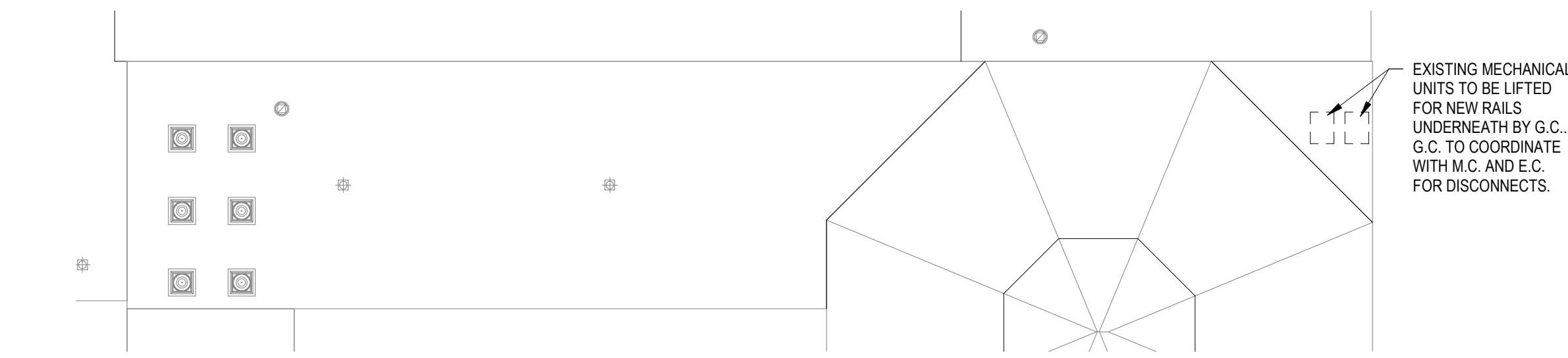
244 EAST MAIN STREET  
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T: 631.475.0361

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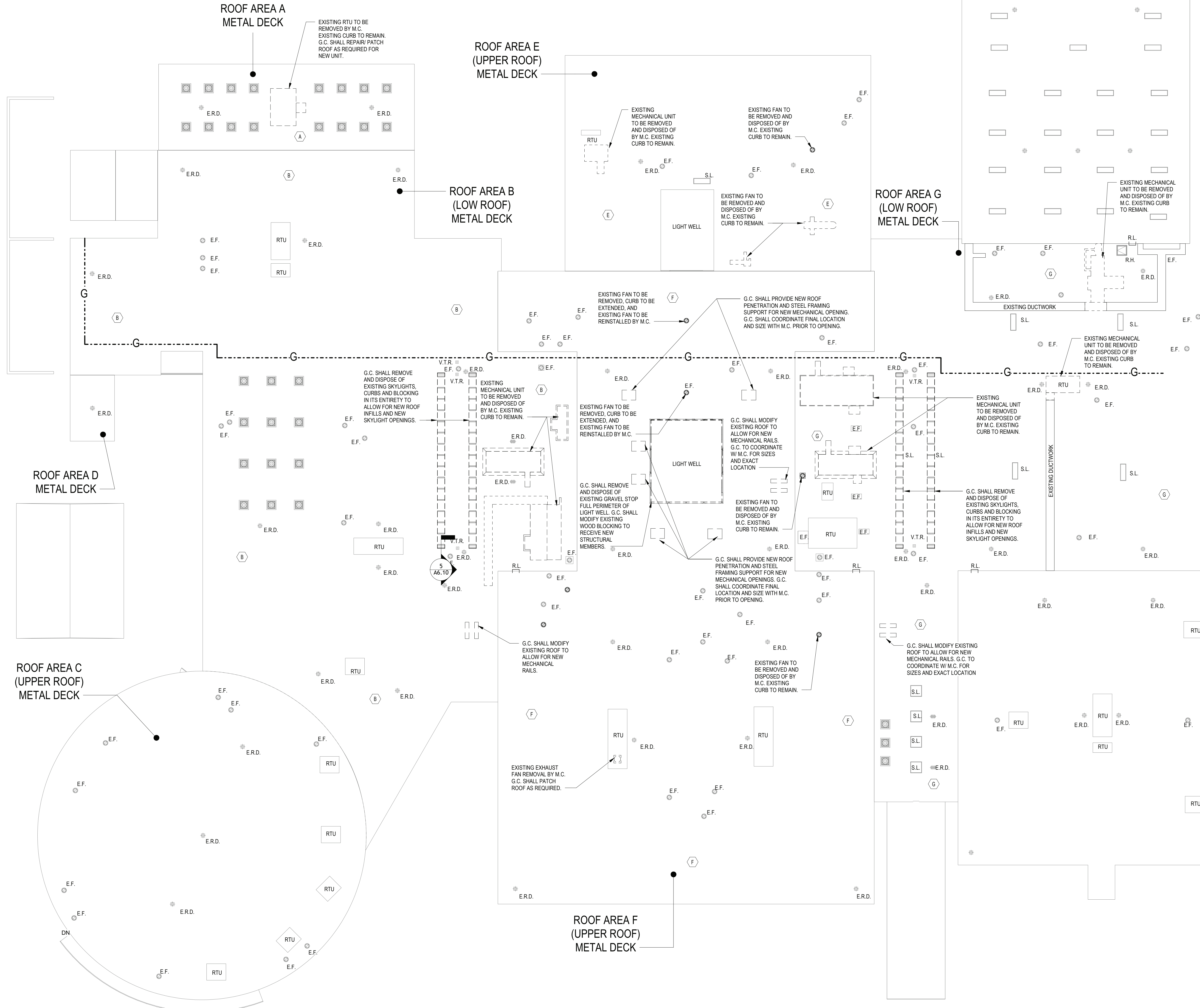
SERIAL NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG TITLE MISC DETAILS  
SCALE: AS NOTED  
DATE: -  
BID / PU DATE: 11/14/2022  
FILE NO. 21-274C

A2.06 HSMS





2 ROOF DEMOLITION PLAN - MIDDLE SCHOOL - AREA K  
SCALE: 1/16" = 1'-0"



1 ROOF DEMOLITION PLAN - HIGH SCHOOL  
SCALE: 1/16" = 1'-0"

ROOF LEGEND			
(X)	ROOF AREA DESIGNATION. REFER TO ROOF COMPOSITION AND REMOVAL SCHEDULE	(V.T.R.)	VENT THROUGH ROOF TO REMAIN
(N.I.C.)	NOT IN CONTRACT	(E.R.D.)	EXISTING ROOF DRAIN. REFER TO ROOF DRAIN REPLACEMENT DETAIL FOR RAISED DRAIN
(1/160)	ELEVATION	(T.W.S.)	THRU-WALL SCUPPER TO REMAIN (U.O.N.)
(A-#)	INDICATES PHOTO LOCATION AND DIRECTION	(G.V.)	EXISTING GRAVITY VENTILATORS TO REMAIN (U.O.N.)
(R.T.U.)	EXISTING ROOFTOP MECHANICAL UNIT TO REMAIN (U.O.N.)	(D.S.)	EXISTING DOWNSPOUT TO REMAIN (U.O.N.)
(E.F.)	EXISTING EXHAUST FAN TO REMAIN (U.O.N.)	(S.L.)	EXISTING SKYLIGHT
(SLOPE)	INDICATES ROOF SLOPE. REFER TO DETAILS FOR ACTUAL SLOPE	(S.H.)	EXISTING ROOF CORE SAMPLE LOCATIONS. REFER TO ROOF COMPOSITION NOTES THIS DRAWING AND ROOF INVESTIGATION REPORTS UNDER INFORMATION AVAILABLE TO BIDDERS IN THE PROJECT MANUAL.
(R.L.)	EXISTING ROOF LADDER TO REMAIN (U.O.N.)	(S.H.)	EXISTING SMOKE HATCH TO REMAIN (U.O.N.)
(C.D.)	EXISTING ROOFTOP CONDENSER TO REMAIN (U.O.N.)	(CHIM. VENT)	FAUX CHIMNEY VENTILATOR OUTLETS TO REMAIN (U.O.N.)
(R.H.)	EXISTING ROOF HATCH TO REMAIN (U.O.N.)	(WALK)	EXISTING CONCRETE WALKWAY PADS TO BE REMOVED AND DISPOSED OF TO ALLOW FOR NEW ROOFING. REFER TO A3.02 FOR LOCATIONS.
(G-#)	EXISTING GAS LINE TO REMAIN	(PROPOSED EPDM WALKWAY PADS OVER NEW ROOFING REFER TO A3.03 FOR LOCATIONS.	

- GENERAL NOTES:**
- ALL NEW FLAT ROOFING SHALL BE TPO ROOF SYSTEM. REFER TO SPEC. SECTION 0734 FOR ADDITIONAL INFORMATION.
  - THE NEW ROOF SYSTEM TO BE PROVIDED AND INSTALLED IN ACCORDANCE WITH SPECIFICATION SECTION DIVISION 7. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH THE GENERAL CONDITIONS OF THE SPECIFICATIONS & OTHER APPLICABLE SPECIFICATIONS.
  - ALL FLASHING ON WALLS, MECHANICAL UNITS, VENTS, AND SKYLIGHTS MUST BE INSTALLED AT A DISTANCE ABOVE NEW FINISHED ROOF SURFACE TO INSURE CONFORMANCE WITH ROOFING MANUFACTURERS WARRANTY REQUIREMENTS.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL NEW PERIMETER WOOD BLOCKING TO HEIGHTS AS REQUIRED FOR NEW TAPERED INSULATION LAYOUT NECESSARY FOR NEW ALUM. GRAVEL STOPS AND EXPANSION JOINTS AS DETAILED. REFER TO TAPERED LAYOUT DRAWING FOR TAPERED HEIGHT REQUIREMENTS.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING WITH WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING PRIOR TO START OF WORK.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DIMENSIONS REQUIRED FOR ESTIMATING.
  - CONTRACTOR TO PROTECT AND MAKE WATER TIGHT ALL AREAS OF WORK FROM INCONVENIENT WEATHER DURING AND AT THE END OF DAILY WORK OPERATIONS.
  - CONTRACTOR SHALL INSTALL EQUIPMENT RAILS, ROOF CURBS & PITCH POCKETS FOR ALL H.V.A.C. AND ELECTRICAL CONDUIT & PIPING AS NECESSARY (PROVIDED BY EACH RESPECTIVE CONTRACTOR). PROVIDE AND INSTALL TAPERED CRICKETS TO DIVERT WATER AWAY FROM CURBS TYPICAL FOR ALL CURBS ON ROOF. CONTRACTOR TO PROVIDE TAPERED ROOF INSULATION LAYOUT FOR APPROVAL. SHOW PITCH ON ROOF PLAN.
  - CONTRACTOR TO VERIFY WITH STRUCTURAL DRAWINGS ON ALL ROOF PENETRATIONS, ROOF TOP EQUIPMENT SUPPORTS, AND ALL OTHER OBJECTIVES THAT ARE APPLICABLE TO THE ROOF PLAN.

- ROOF SYSTEM NOTES:**
- FLAT ROOF:
- CONFORM TO APPLICABLE CODES FOR ROOF ASSEMBLY FIRE HAZARD REQUIREMENTS.
  - FACTORY MUTUAL ENGINEERING AND RESEARCH CORP. (FM)
  - ROOF ASSEMBLY CLASSIFICATION OF CLASS 1 CONSTRUCTION, WIND UPLIFT REQUIREMENTS OF 1:135 IN ACCORDANCE WITH FM CONSTRUCTION BULLETIN 1-28.
  - CONTACT ROOFING MANUFACTURERS TECHNICAL REPRESENTATIVE FOR ADD. INFO.
  - UNDERWRITERS LABORATORIES, INC. (UL) CLASS X FIRE HAZARD CLASSIFICATION.

- WOOD BLOCKING & PERIMETER EDGE NOTES:**
- CONTRACTOR IS TO BE ADVISED THAT IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXTENT OF WOOD BLOCKING REQUIRED FOR ALL PERIMETER GRAVEL STOPS, MECHANICAL CURBS, EXPANSION JOINTS, ETC. IN ACCORDANCE WITH THE TAPERED INSULATION LAYOUTS INCLUDED IN THESE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS.
  - THE DETAILS SHOWN MAY NOT DEPICT THE REQUIRED HEIGHT OF BLOCKING REQUIRED AND REPRESENT THE INTENT OF THE DETAIL AT THIS CONDITION.
  - THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE HEIGHT OF THE TOP OF GRAVEL STOP AT EACH ROOF ELEVATION AND MAKE THE NECESSARY MODIFICATIONS AT THE EDGE CONDITIONS TO MEET THE TAPERED ELEVATION HEIGHTS IN ACCORDANCE WITH THE ROOF MANUFACTURERS REQUIREMENTS.
  - THE CONTRACTOR IS RESPONSIBLE TO MODIFY THE HEIGHTS OF ALL BREAK METAL FASCIA & FASCIA EXTENDERS AS REQUIRED TO CONFORM TO THE INTENT OF THE DETAILS SHOWN AND THE CONDITIONS AS THEY CURRENTLY EXIST.

- NOTE TO CONTRACTOR:**
- ALL EQUIPMENT SHOWN ON ROOF PLANS ARE FOR DIAGRAMMATIC REFERENCE ONLY. MORE SPECIFIC DETAILS ARE INDICATED ON THE "M" SERIES DRAWINGS AND MAY REQUIRE ADDITIONAL MODIFICATION. G.C. TO COORDINATE WITH M.C. FOR ALL NEW ROOFTOP EQUIPMENT AND PENETRATIONS.
  - ANY SQUARE FOOTAGES AND/OR DIMENSIONS SHOWN SHALL BE CONSIDERED APPROXIMATE. THE CONTRACTOR IS FULLY RESPONSIBLE TO FIELD-VERIFY ALL ROOF AREA DIMENSIONS AND INCLUDE ALL CONDITIONS AS A PART OF ANY BID COST.

- ROOF CONSTRUCTION NOTES:**
- REFER TO SPECIFICATIONS FOR COMPLETE DESCRIPTION OF ROOF ASSEMBLY AND COMPONENTS.
  - COLOR AND FINISH OF ALL ALUMINUM COPINGS, FASCIA AND "J" COVERS TO BE SELECTED BY ARCHITECT
  - G.C. SHALL PROVIDE ADDITIONAL CRICKETS / SLOPE AS REQUIRED TO ENSURE PROPER DRAINAGE SLOPE.
  - G.C. SHALL BE RESPONSIBLE TO PROVIDE AND INSTALL ALL MATERIALS REQUIRED FOR A FULL AND COMPLETE ROOFING SYSTEM INSTALLATION AS INDICATED ON THE DRAWINGS. MATERIALS SHALL INCLUDE, BUT NOT BE LIMITED TO: ALL TREATED WOOD BLOCKING AT ALL NEW ROOF TERMINATIONS AND EXPANSION JOINTS, ROOF FASTENERS, ROOFING BOARDS, ROOF EXPANSION JOINTS, COVERS AND ROOF FLASHING, ROOFING SHEETS, ANCHOR BOLTS, FLASHING REGLETS, COPINGS AND "J" COVERS.
  - ALL NEW ROOFTOP H.V.A.C. EQUIPMENT CURBS SHALL BE SUPPLIED BY THE M.C. AND INSTALLED BY THE G.C. G.C. SHALL PROVIDE ALL PENETRATIONS, STEEL SUPPORT FRAMING, WOOD BLOCKING AND FLASHING FOR ALL SAID CURBS. SEE TYPICAL WELDED ANGLE FRAMING DETAIL ON SHEET SS-02. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND LOCATIONS.
  - G.C. SHALL ALSO PROVIDE ALL PENETRATIONS AND FLASHING REQUIRED FOR ALL PLUMBING VENTS AND DRAINS. SEE PLUMBING DRAWINGS FOR COORDINATION.
  - REFER TO ROOF DETAILS AND WALL SECTIONS FOR OTHER DETAILS NOT SHOWN.
  - COORDINATE ALL MECHANICAL, ELECTRICAL, AND PLUMBING ITEMS AND WORK AS PART OF THIS CONTRACT EVEN IF NOT SHOWN ON THIS DRAWING. ROOF-RELATED WORK IS SHOWN FOR REFERENCE ONLY. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

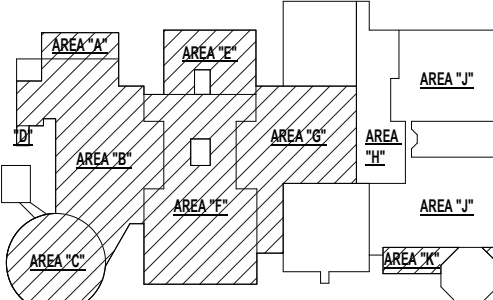
**ROOF WARRANTY NOTE:**

CONTRACTOR SHALL NOTE THAT THE EXISTING ROOF WARRANTY MUST MAINTAIN FOR THE DURATION OF THE PROJECT. CONTRACTOR RESPONSIBLE FOR EXISTING ROOFING MODIFICATIONS MUST BE CERTIFIED WITH THE EXISTING ROOFING MANUFACTURER.

REV.	DATE	ITEM

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**KEY PLAN**

NO SCALE

**BRIARCLIFF MANOR U.F.S.D.**  
**PHASE 2 BOND IMPROVEMENTS**  
**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**PROJECT**

**DRWG. BY:** C.M.  
**CHK. BY:** G.E.O.

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**SER. NO.** 66-14-02-02-0-004-023

**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG. TITLE** ROOF DEMOLITION PLANS

**SCALE:** AS NOTED

**DATE:** -

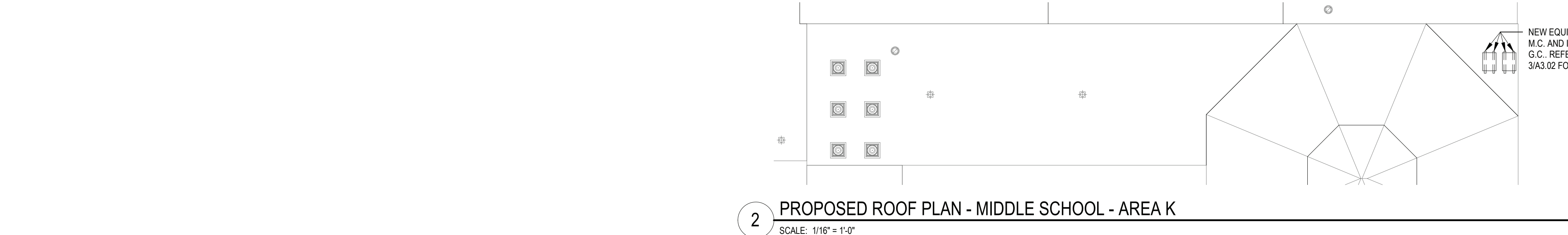
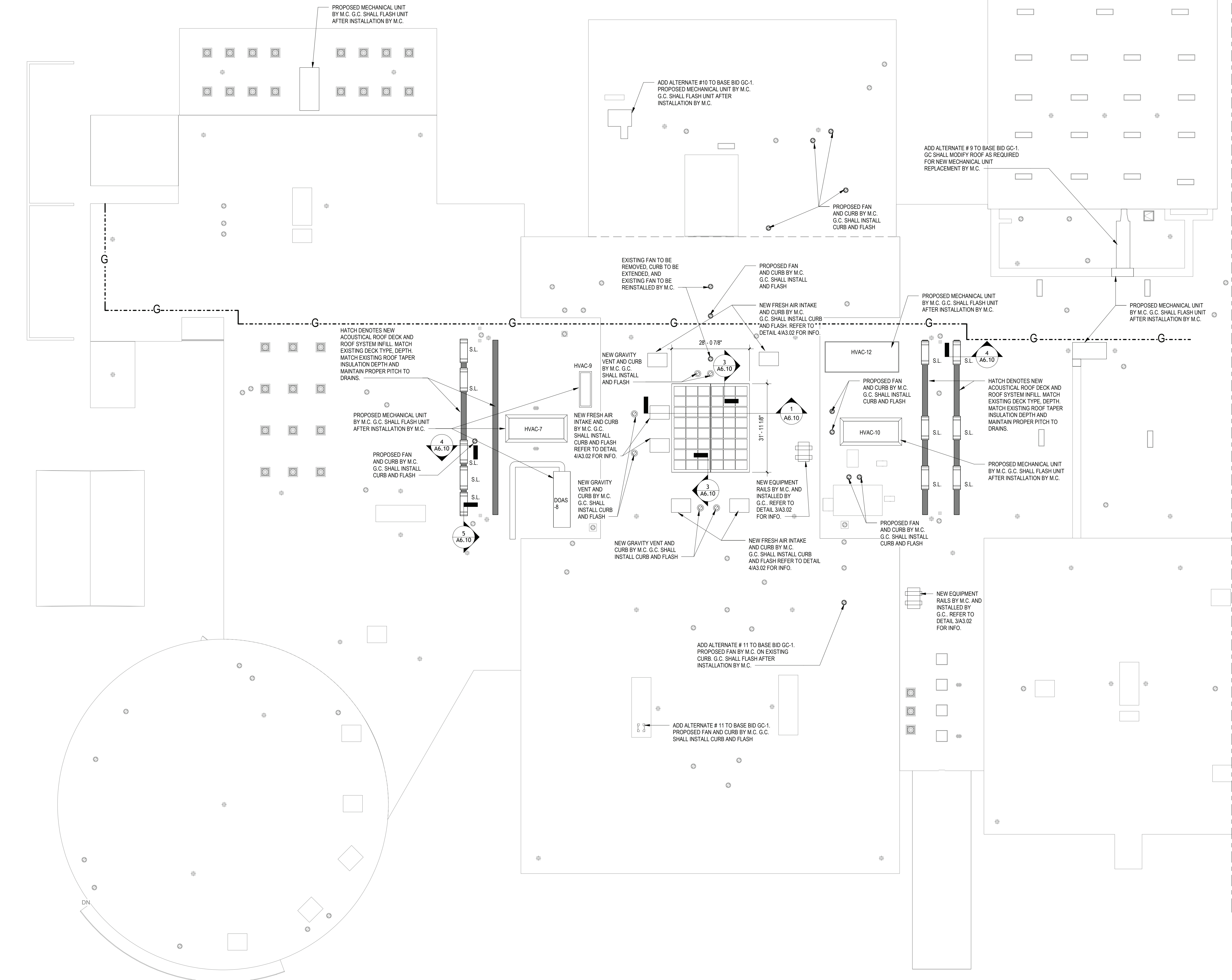
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**FILE NO.** 21-274C

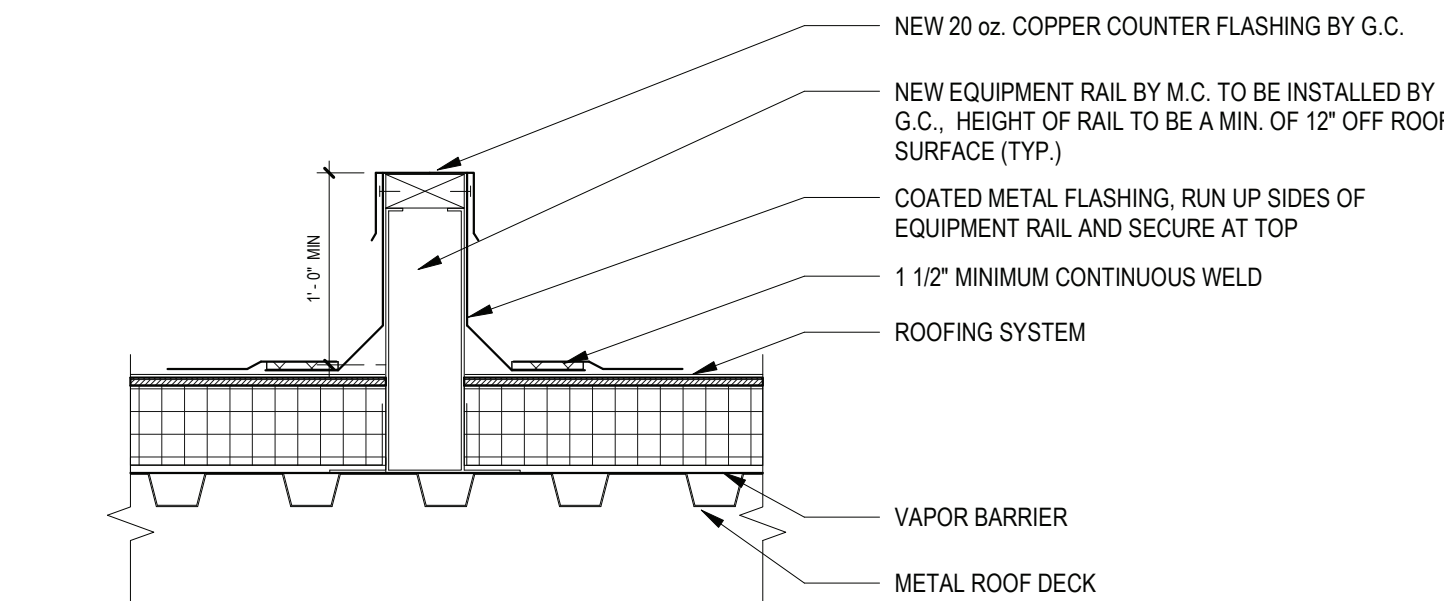
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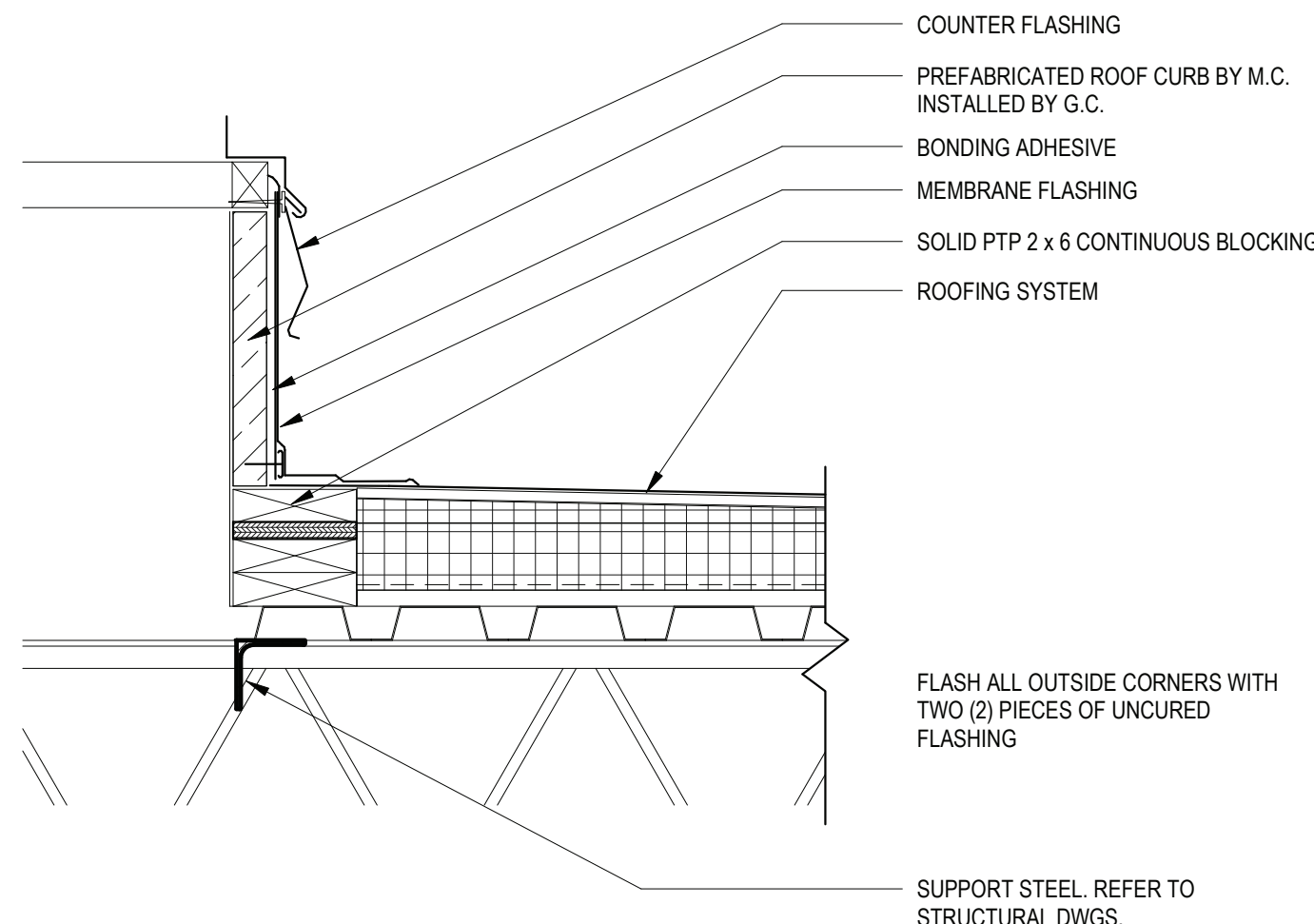
1 PROPOSED ROOF PLAN - HIGH SCHOOL  
SCALE: 1/16" = 1'-0"



3 ROOF EQUIPMENT RAIL DETAIL  
SCALE: 1" = 1'-0"



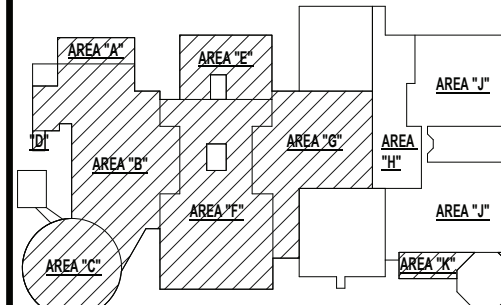
4 ROOF MECH CURB  
SCALE: 1 1/2" = 1'-0"



REV.	DATE	ITEM

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**KEY PLAN**

NO SCALE

**PROJECT**

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PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PROPOSED ROOF PLANS

**DRWG. BY:** C.M.  
**CHK. BY:** G.E.O.

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**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE** PROPOSED ROOF PLANS

**SCALE:** AS NOTED

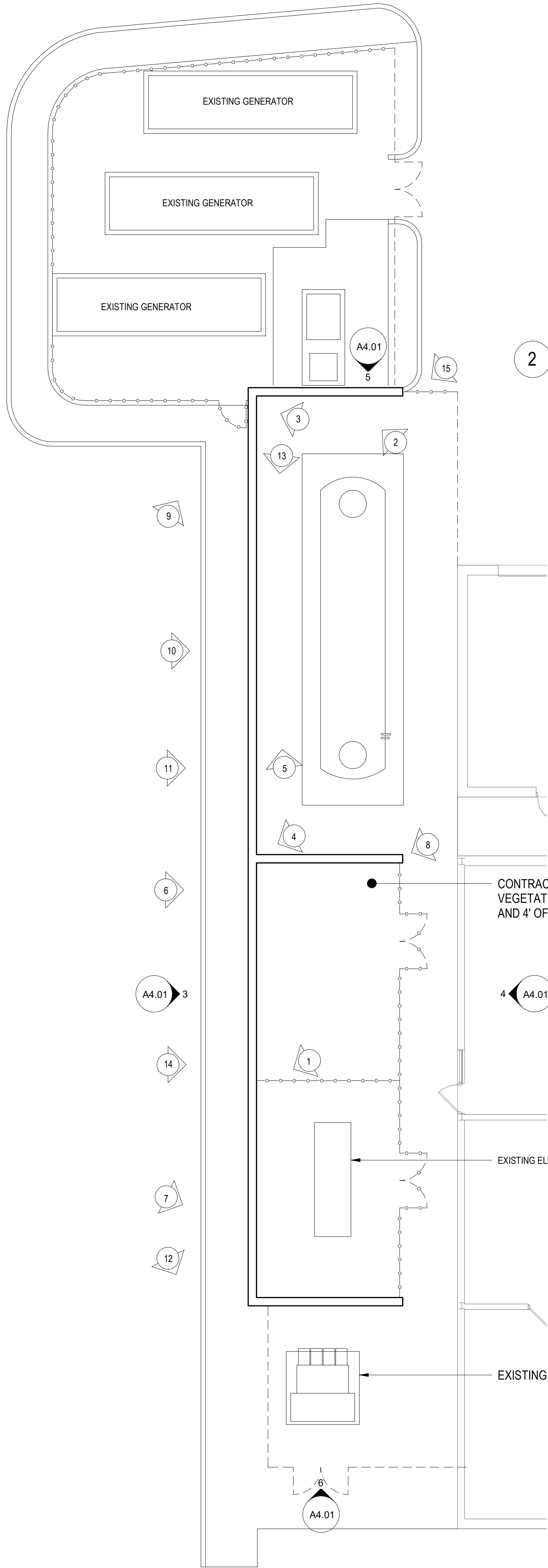
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**BID / P.U. DATE:** 11/14/2022

**FILE NO.** 21-274C

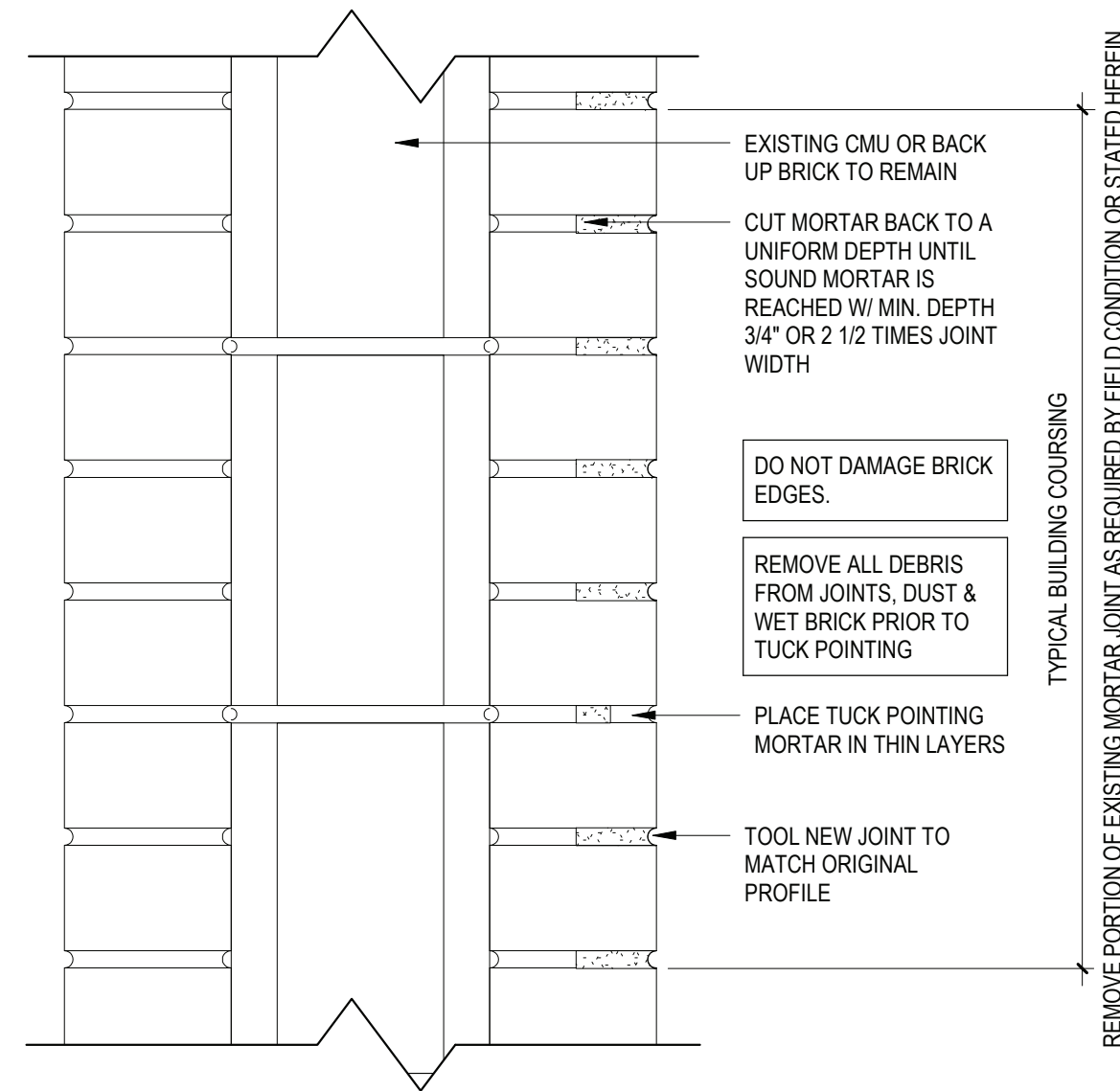
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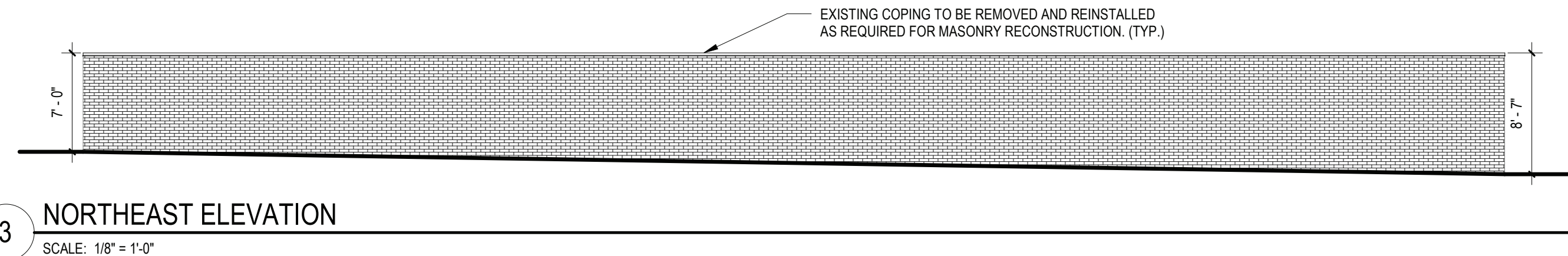


1 FUEL ENCLOSURE PLAN  
SCALE: 1/8" = 1'-0"

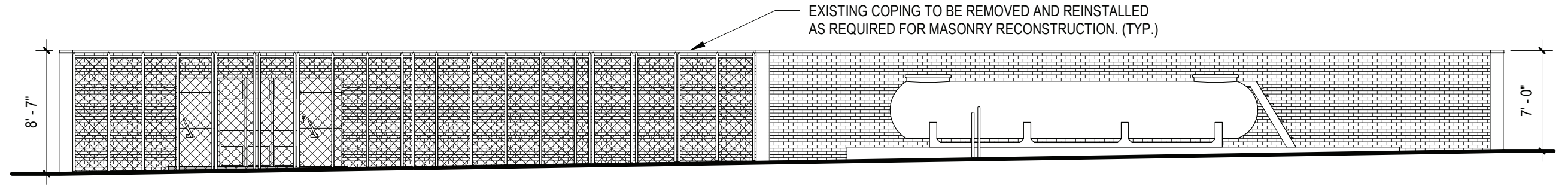
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ALL WORK NOTED ON THIS DRAWING  
SHALL BE COVERED UNDER ADD  
ALTERNATE #7 TO BASE BID GC-1



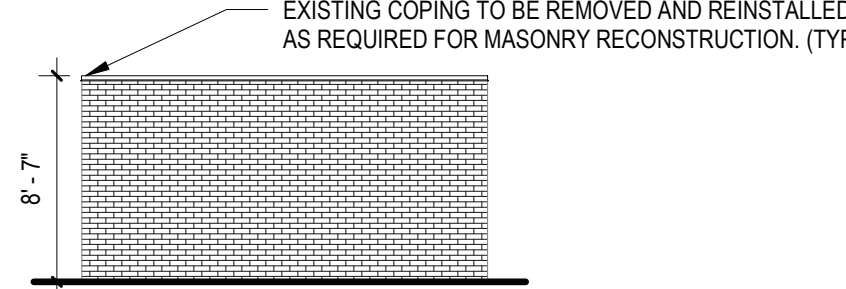
2 TUCKPOINTING DETAIL & NOTES  
SCALE: 3" = 1'-0"



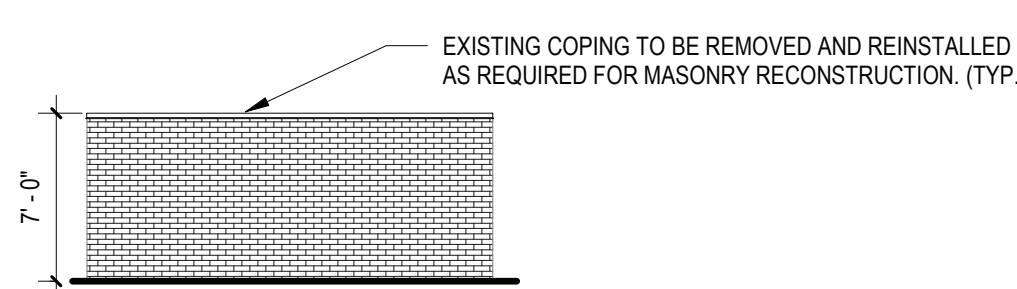
3 NORTHEAST ELEVATION  
SCALE: 1/8" = 1'-0"



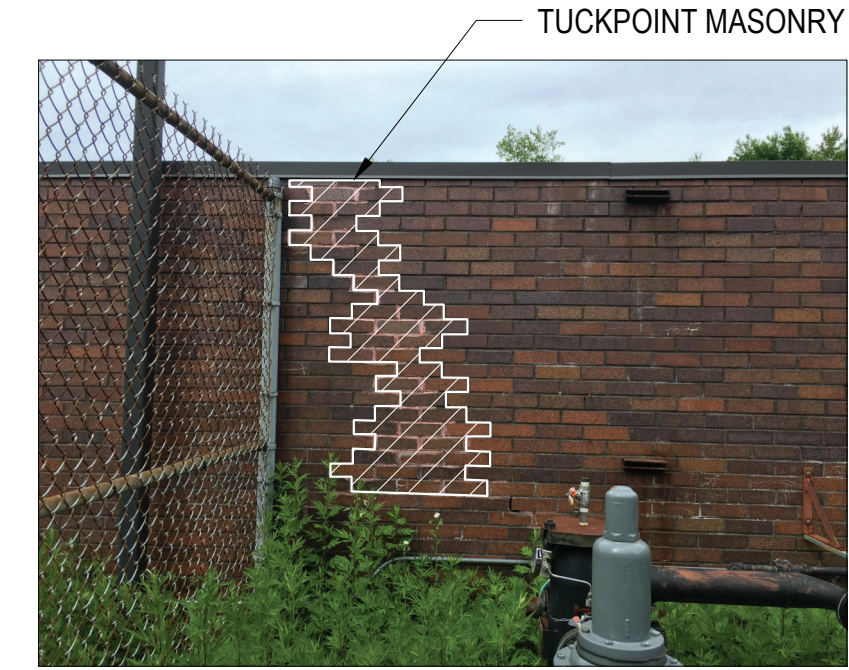
4 SOUTHWEST ELEVATION  
SCALE: 1/8" = 1'-0"



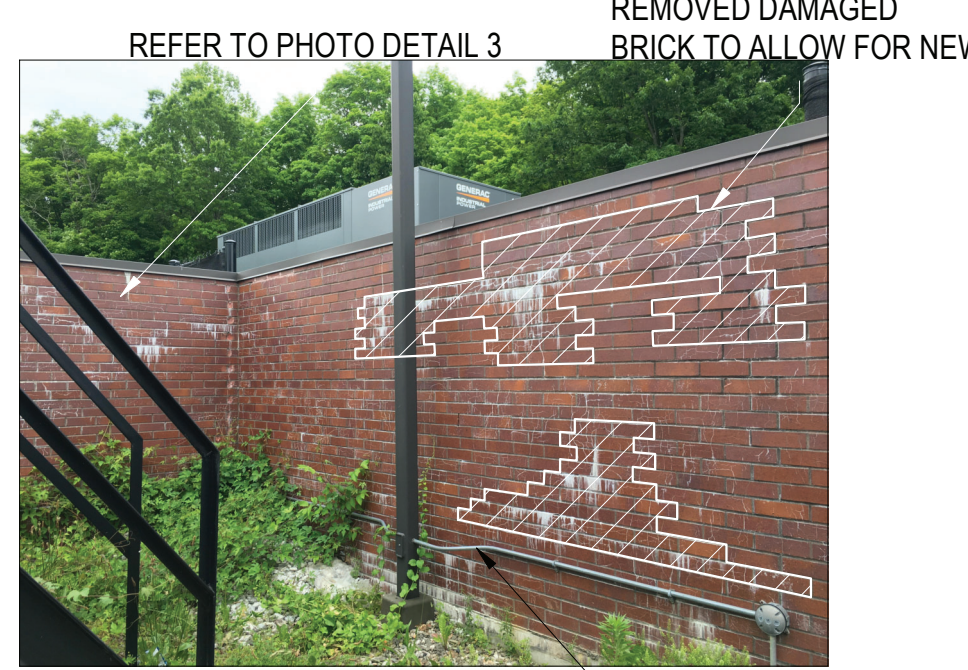
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SCALE: 1/8" = 1'-0"



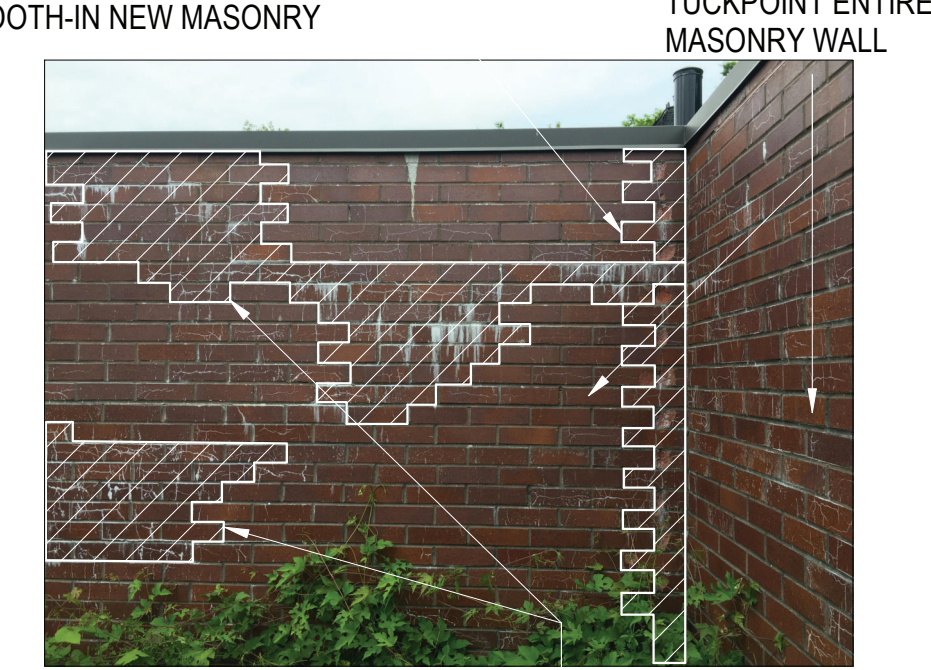
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MASONRY PHOTO DETAIL - 1



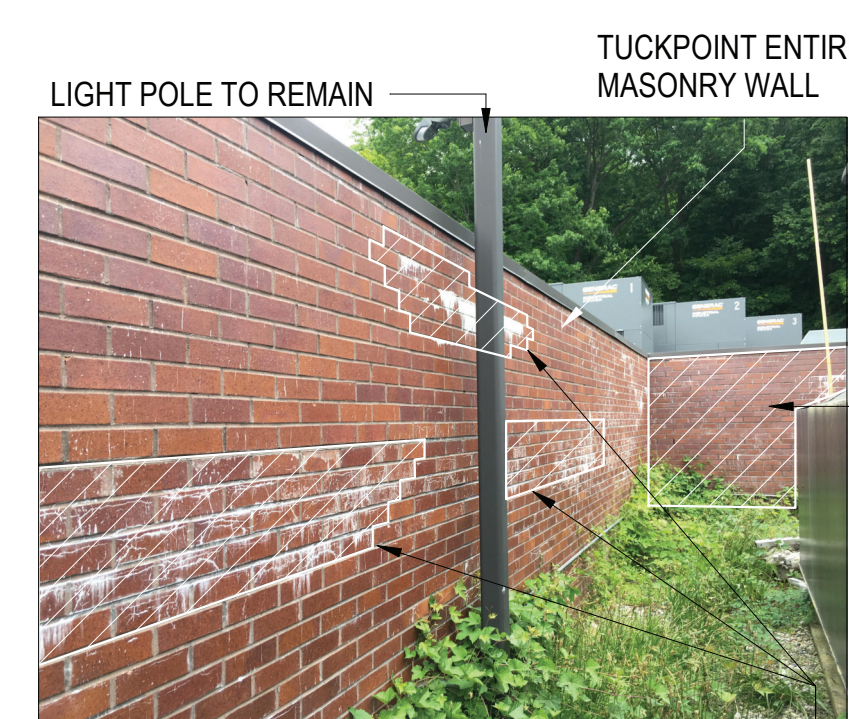
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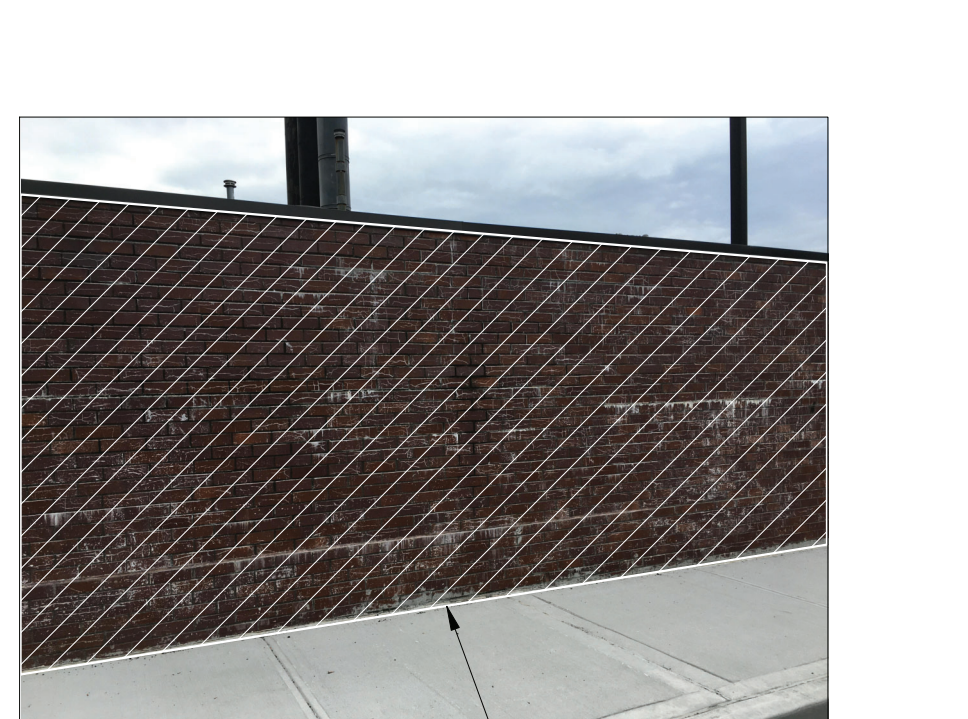
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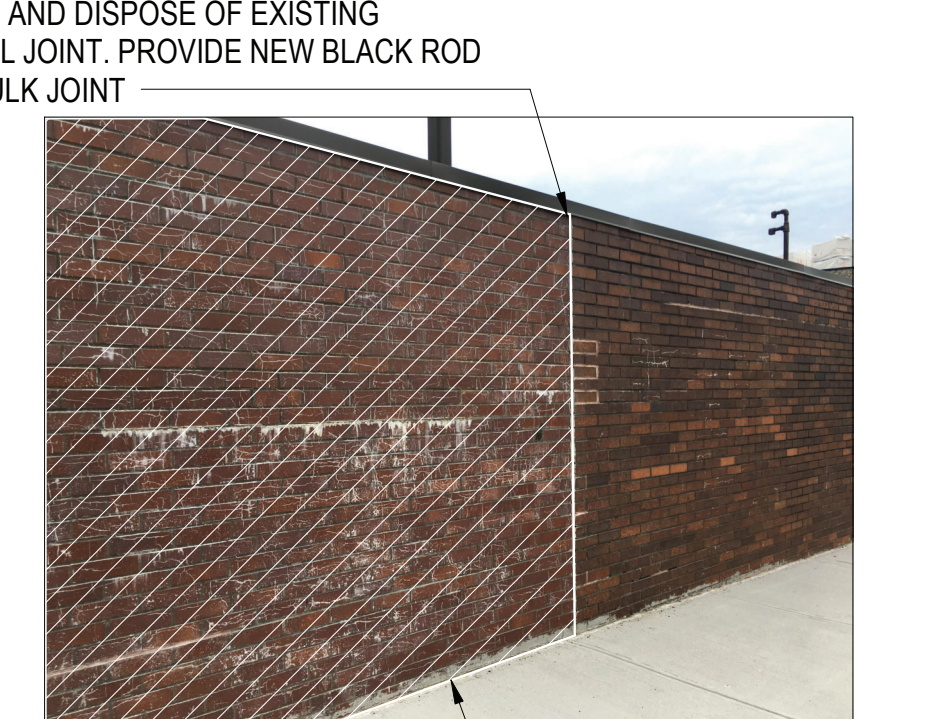
MASONRY PHOTO DETAIL - 4



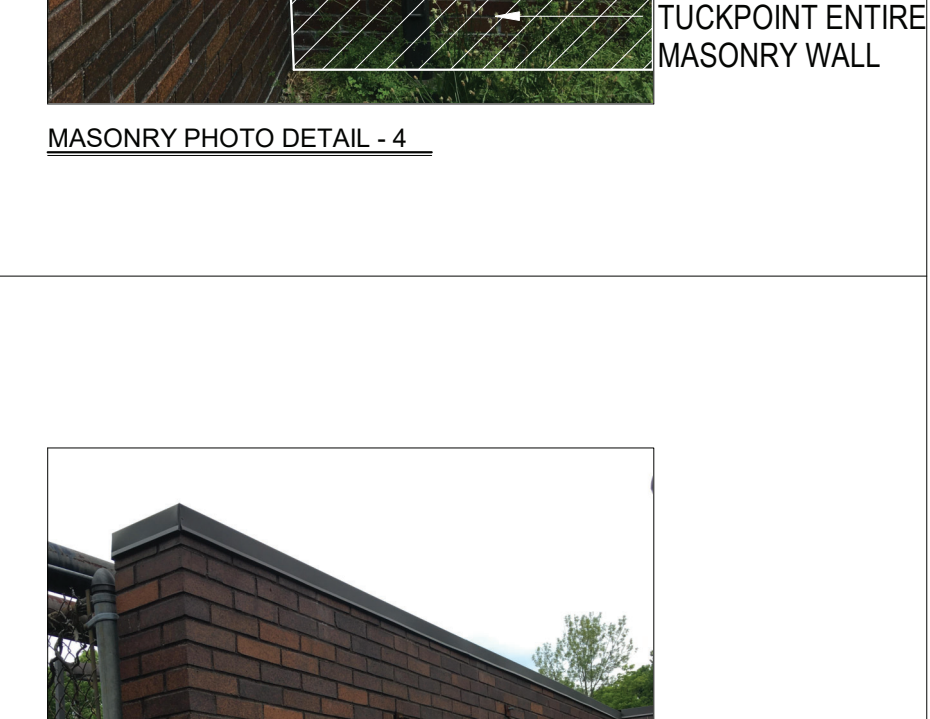
MASONRY PHOTO DETAIL - 5



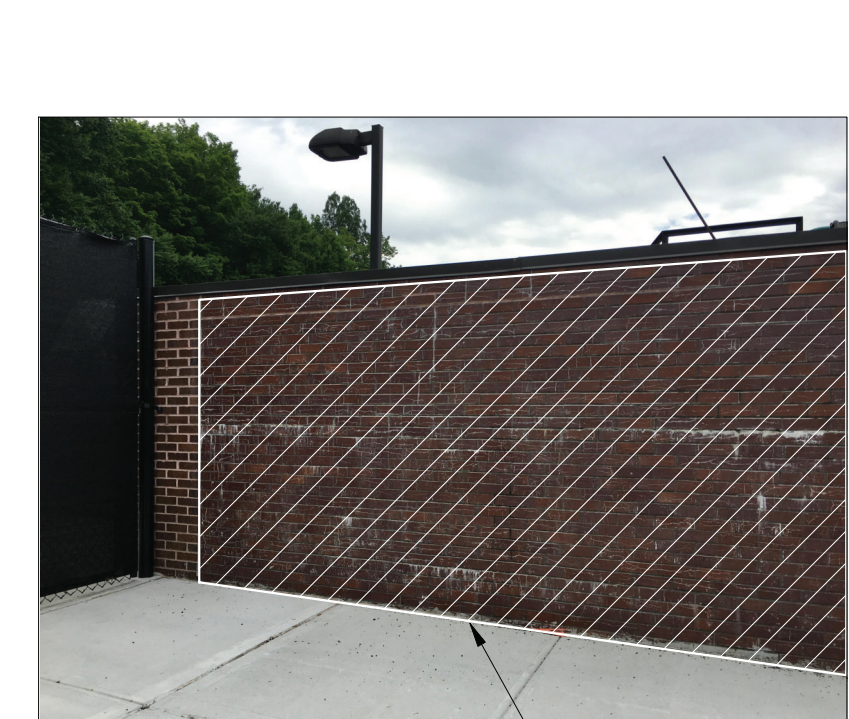
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MASONRY PHOTO DETAIL - 7



MASONRY PHOTO DETAIL - 8



MASONRY PHOTO DETAIL - 9



MASONRY PHOTO DETAIL - 10



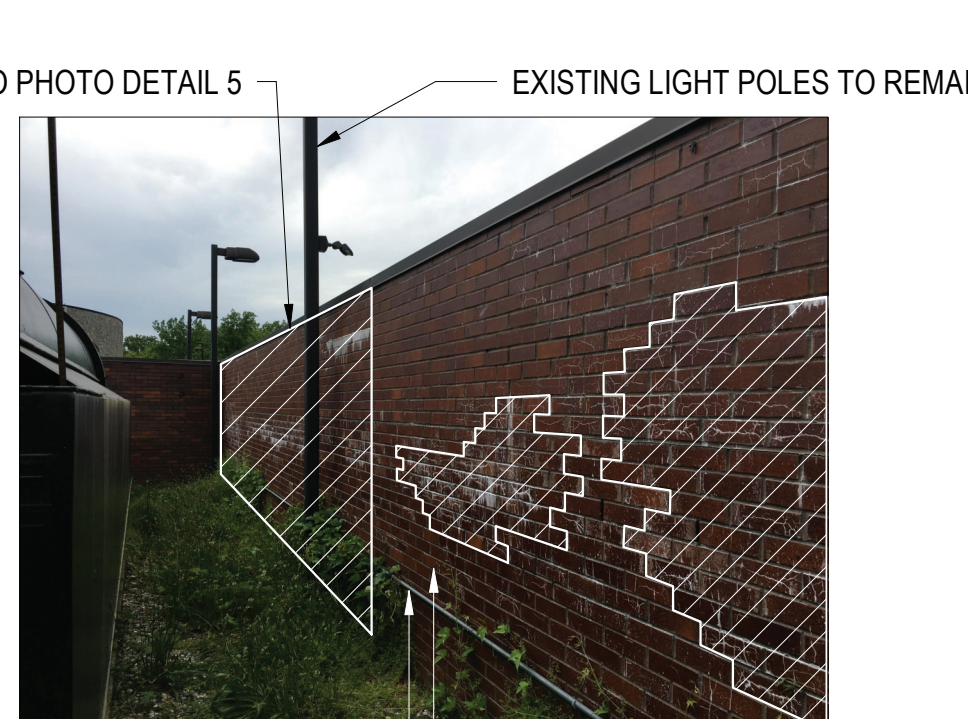
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MASONRY PHOTO DETAIL - 12



MASONRY PHOTO DETAIL - 13



MASONRY PHOTO DETAIL - 14



MASONRY PHOTO DETAIL - 15

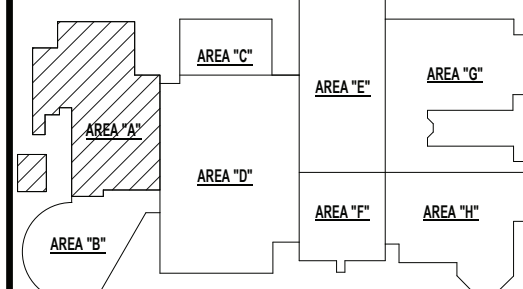


MASONRY PHOTO DETAIL - 16

- MASONRY RECONSTRUCTION NOTES:**
- THE CONTRACTOR SHALL SCAFFOLD ALL AREAS AS REQUIRED TO PERFORM THE REQUIRED SCOPE OF WORK WITH OSHA APPROVED SCAFFOLDING EQUIPMENT. THE SCAFFOLDING SHALL REMAIN IN PLACE THROUGHOUT THE DURATION OF THE PROJECT. AREAS OF SCAFFOLDING SHOULD BE ENCLOSED WITH CONSTRUCTION FENCING WITH THE PROPER MARKINGS.
  - MASONRY IS TO BE TUCK POINTED AND BRICK IS TO BE REMOVED AND REPLACED AS REQUIRED AND WHERE INDICATED ON THE DRAWINGS AND IN THE SPECIFICATIONS. BRICK MORTAR AND SEALANT SAMPLES SHALL BE SUBMITTED TO THE ARCHITECT AND TEST PANELS ERECTED FOR THE ARCHITECTS INSPECTION AND APPROVAL AS INDICATED IN THE SPECIFICATIONS.
  - AREAS REQUIRING TUCK POINTING INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING LOCATIONS:
    - A. WHERE MORTAR HAS ERODED FROM THE FACE OF THE MASONRY
    - B. WHERE MORTAR HAS CRUMBLED FROM THE JOINTS.
    - C. WHERE HAIR LINE CRACKS ARE APPARENT IN THE MORTAR.
    - D. WHERE THE BOND BETWEEN THE MASONRY AND THE MORTAR IS BROKEN.
  - PRIOR TO APPLYING NEW MORTAR, CLEAN OUT ALL DEBRIS AND DUST AND WET BRICK.
  - WHERE THE EXISTING BRICK UNITS ARE DAMAGED CUT OUT THE OLD MORTAR SURROUNDING THE AFFECTED UNITS AND REMOVE THE BRICK. CHISEL OUT ALL OLD MORTAR AND REMOVE ALL DUST AND DEBRIS, BEING CAREFUL NOT TO ALLOW DEBRIS TO FALL INTO CAVITY. DAMPEN SURROUNDING BRICK SURFACES AND PLACE NEW UNIT OF SIMILAR SIZE AND COLORATION INTO OPENING. TOOL JOINT TO MATCH ORIGINAL PROFILE.
  - MORTAR FOR REBUILDING AND TUCK POINTING SHALL BE AS SPECIFIED AND SHALL BE HIGH IN LIME CONTENT. MORTAR SHALL BE SOFTER THAN EXISTING BRICK AND NO HARDER THEN EXISTING MORTAR.
  - THE FINAL APPEARANCE OF THE FACADE SHALL BE UNIFORM IN TERMS OF MORTAR COLORATION, TOOLING, AND SIZE OF JOINTS. JOINTS SHALL BE TOoled TO MATCH EXISTING OR WHERE THE ENTIRE WALL IS BEING REDONE, NEW JOINTS SHALL BE TOoled CONCAVE.
  - AFTER COMPLETION OF TUCK POINTING WORK, ALL LOOSE MORTAR AND MORTAR STAINING SHALL BE CLEANED FROM SURFACE OF MASONRY.
  - THE CONTRACTOR SHALL PROTECT ALL EXISTING WINDOWS AND DOOR OPENINGS AND ADJACENT MATERIALS AND SURFACES FROM DAMAGE DURING POINTING PROCESS. ANY DAMAGE INCURRED SHALL BE CORRECTED AT NO ADDITIONAL COST TO THE OWNER.
  - IN AREAS WHERE MORTAR CANNOT BE REMOVED BY GRINDING, CONTRACTOR SHALL USE MANUAL METHODS.
  - CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE RANDOM SAMPLES OF MORTAR DURING THE PROGRESS OF WORK, AS DIRECTED BY THE ARCHITECT.
  - THE CONTRACTOR SHALL SUBMIT A MORTAR DESIGN MIX FOR APPROVAL BY THE ARCHITECT AND SHALL INFORM THE ARCHITECT PRIOR TO APPLICATION FOR MORTAR TESTING.
  - THE CONTRACTOR SHALL PROVIDE 2X2 BRICK MOCK UP SHOWING BRICK AND MORTAR COLORS FOR APPROVAL.

REV.	DATE	ITEM

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KEY PLAN  
NO SCALE

**PROJECT**  
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PHASE 2 BOND IMPROVEMENTS  
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444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
MASONRY RECONSTRUCTION

**DRWG. BY:** C.M./R.K.  
**CHK. BY:** G.E.O.

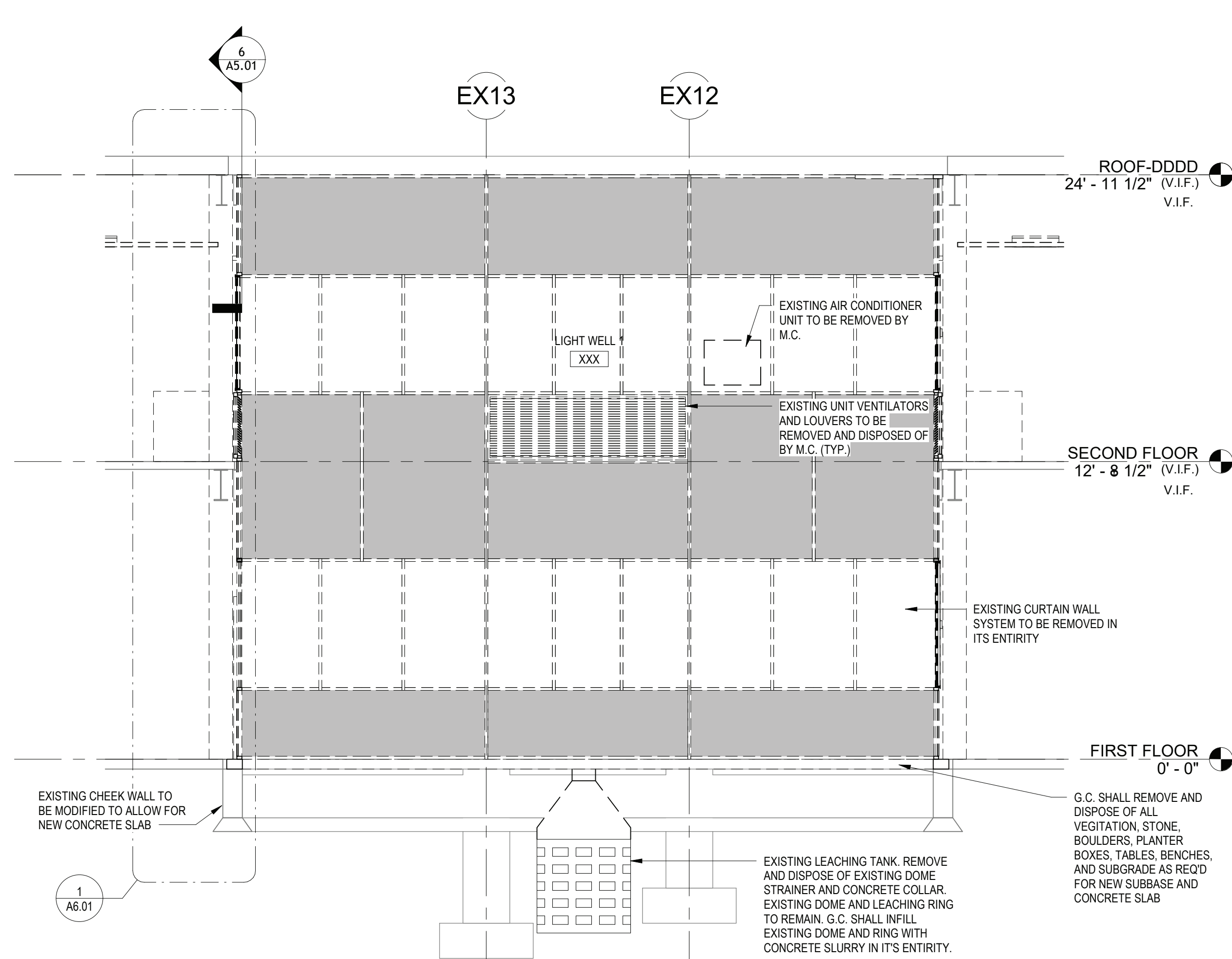
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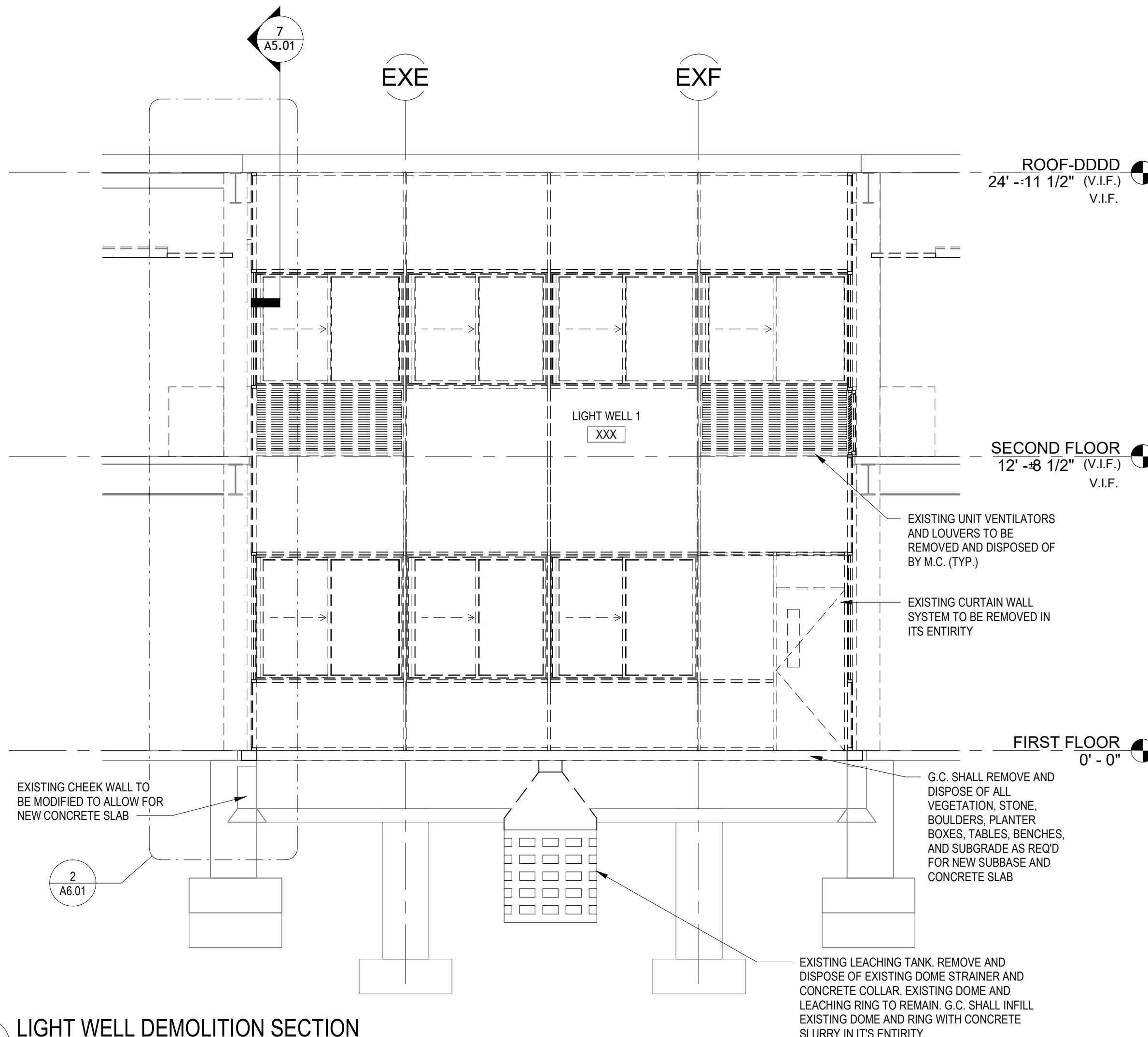
**SER. NO.** 66-14-02-02-0-004-023  
**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE** MASONRY RECONSTRUCTION  
**SCALE:** AS NOTED  
**DATE:** -  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A4.01** **HSMS**

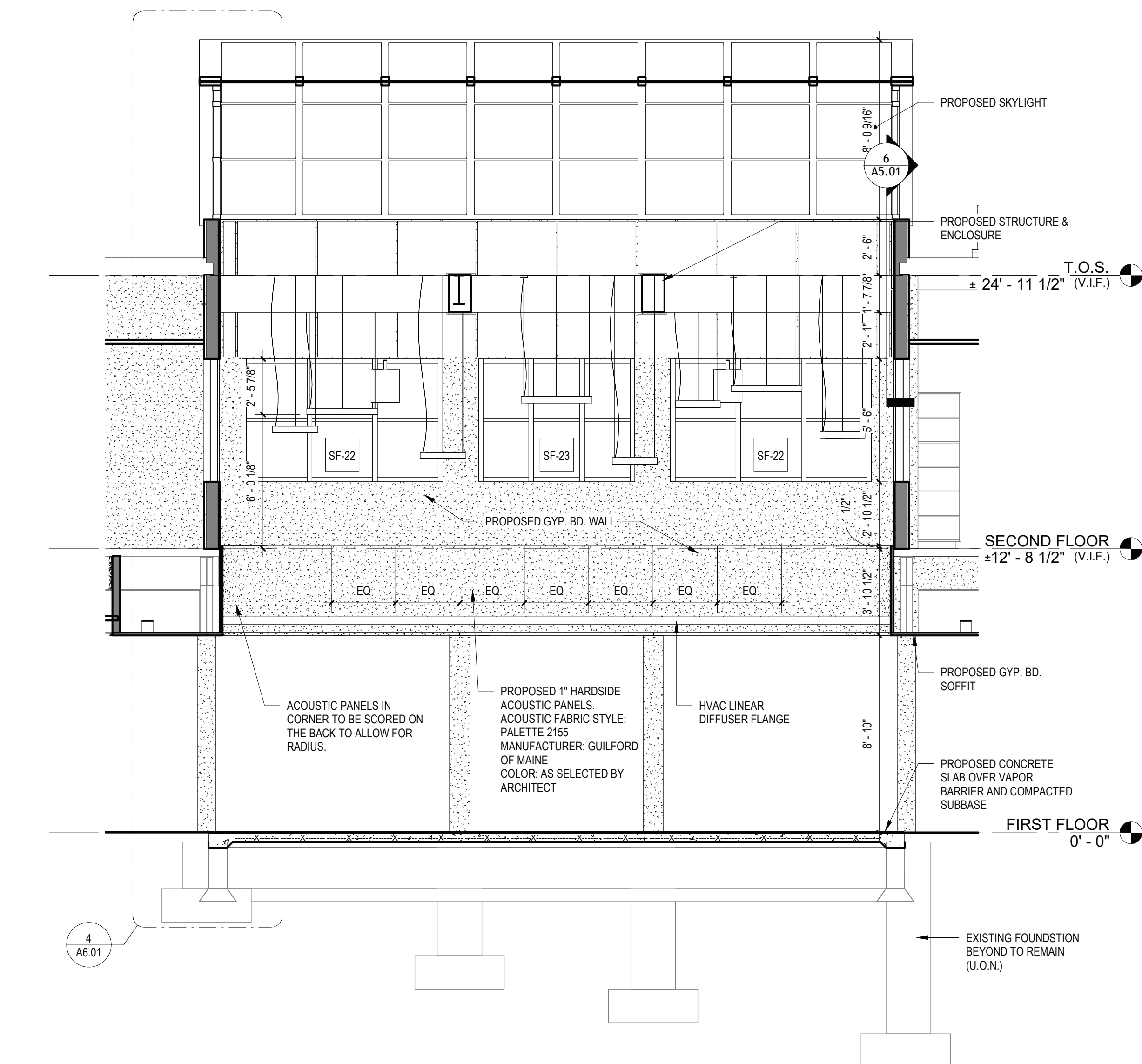




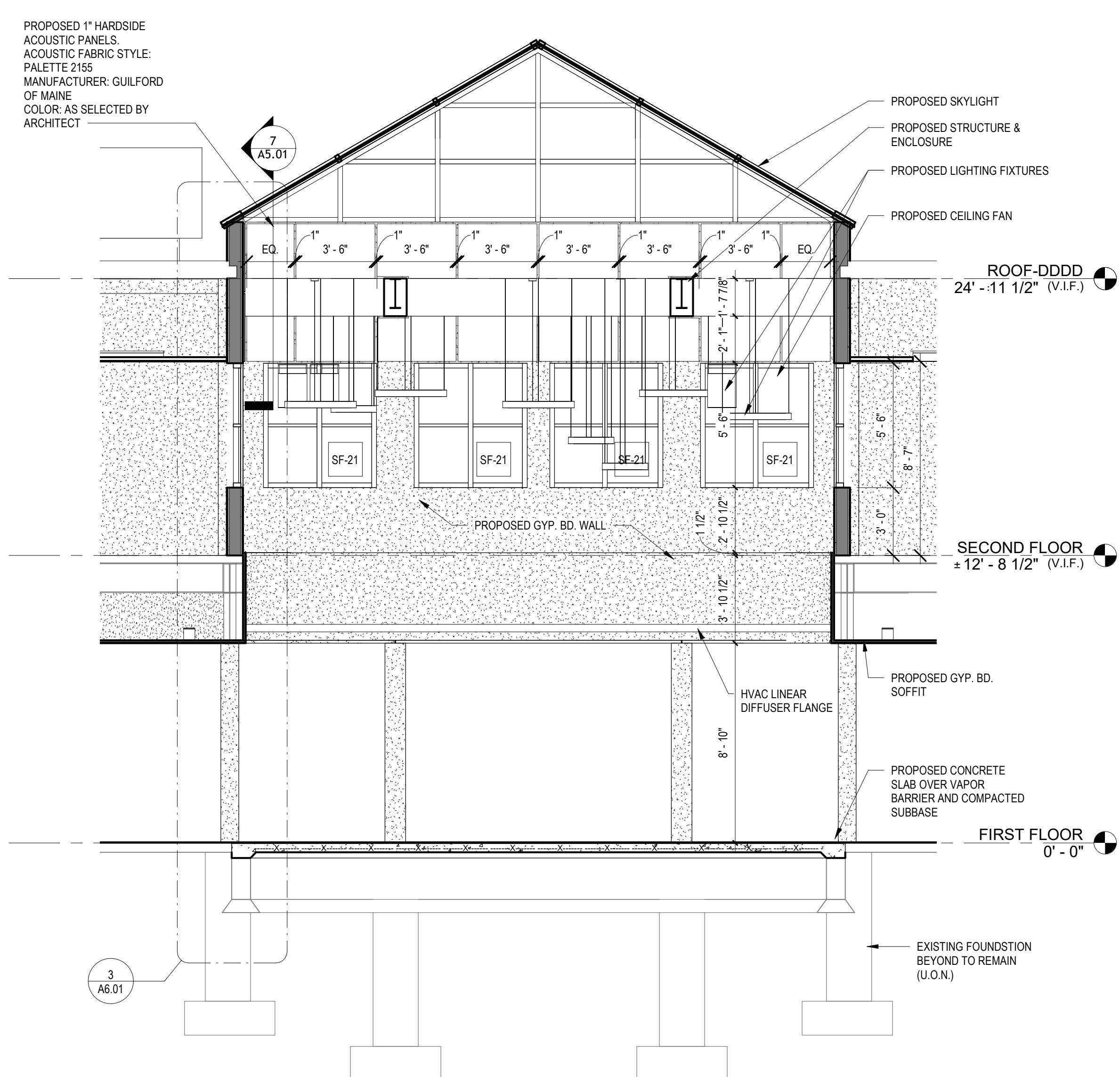
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SCALE: 1/4" = 1'-0"



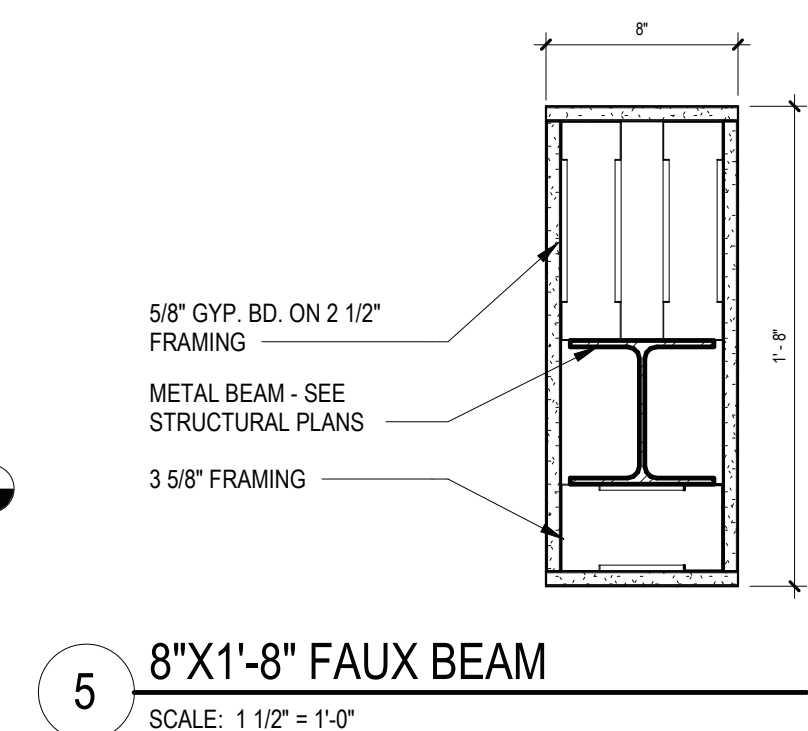
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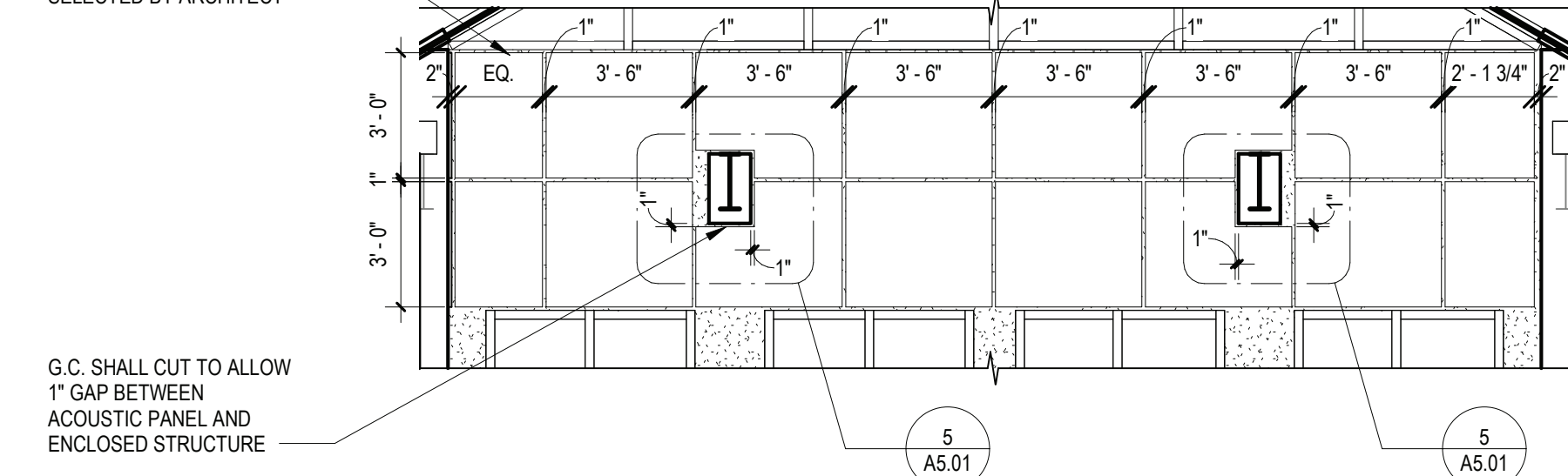
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SCALE: 1/4" = 1'-0"



4 PROPOSED LIGHT WELL SECTION  
SCALE: 1/4" = 1'-0"

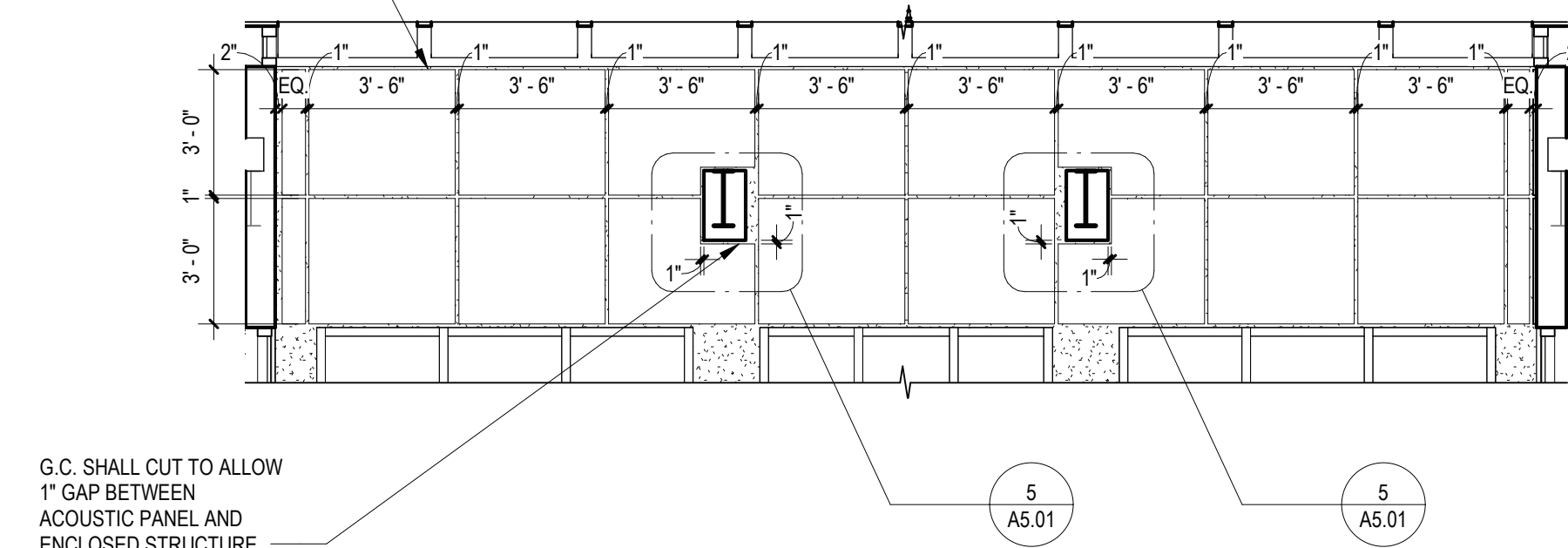


PROPOSED 1\"/>



6 ACOUSTIC PANEL INTERIOR ELEVATION A  
SCALE: 1/4" = 1'-0"

PROPOSED 1\"/>



7 ACOUSTIC PANEL INTERIOR ELEVATION B  
SCALE: 1/4" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

BUILDING SECTIONS

PROJECT

DWG/TITLE

DRWG. BY: J.N.  
CHK. BY: G.E.O.

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

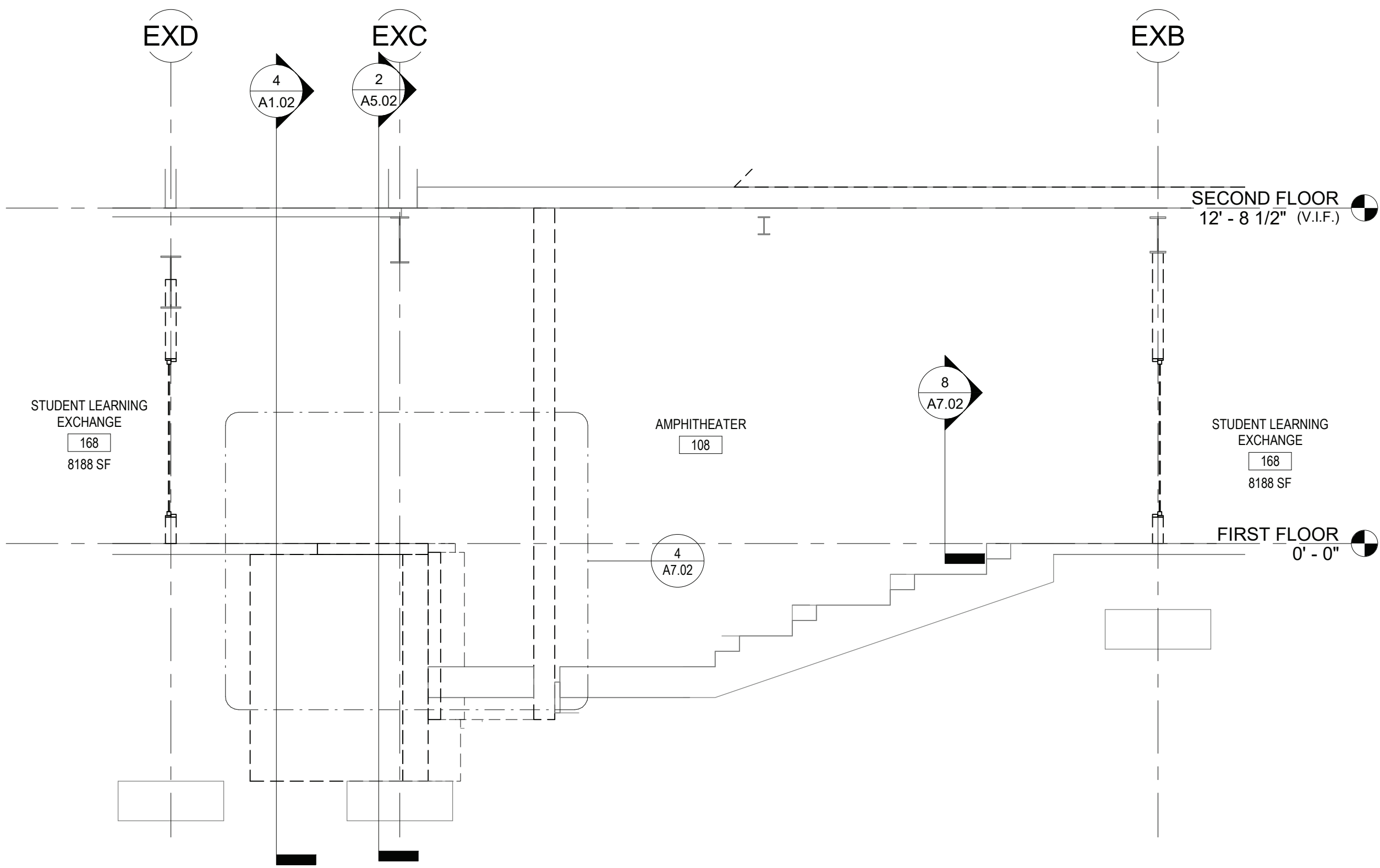
PROJECT PHASE 2 BOND IMPROVEMENTS

DWG. TITLE BUILDING SECTIONS

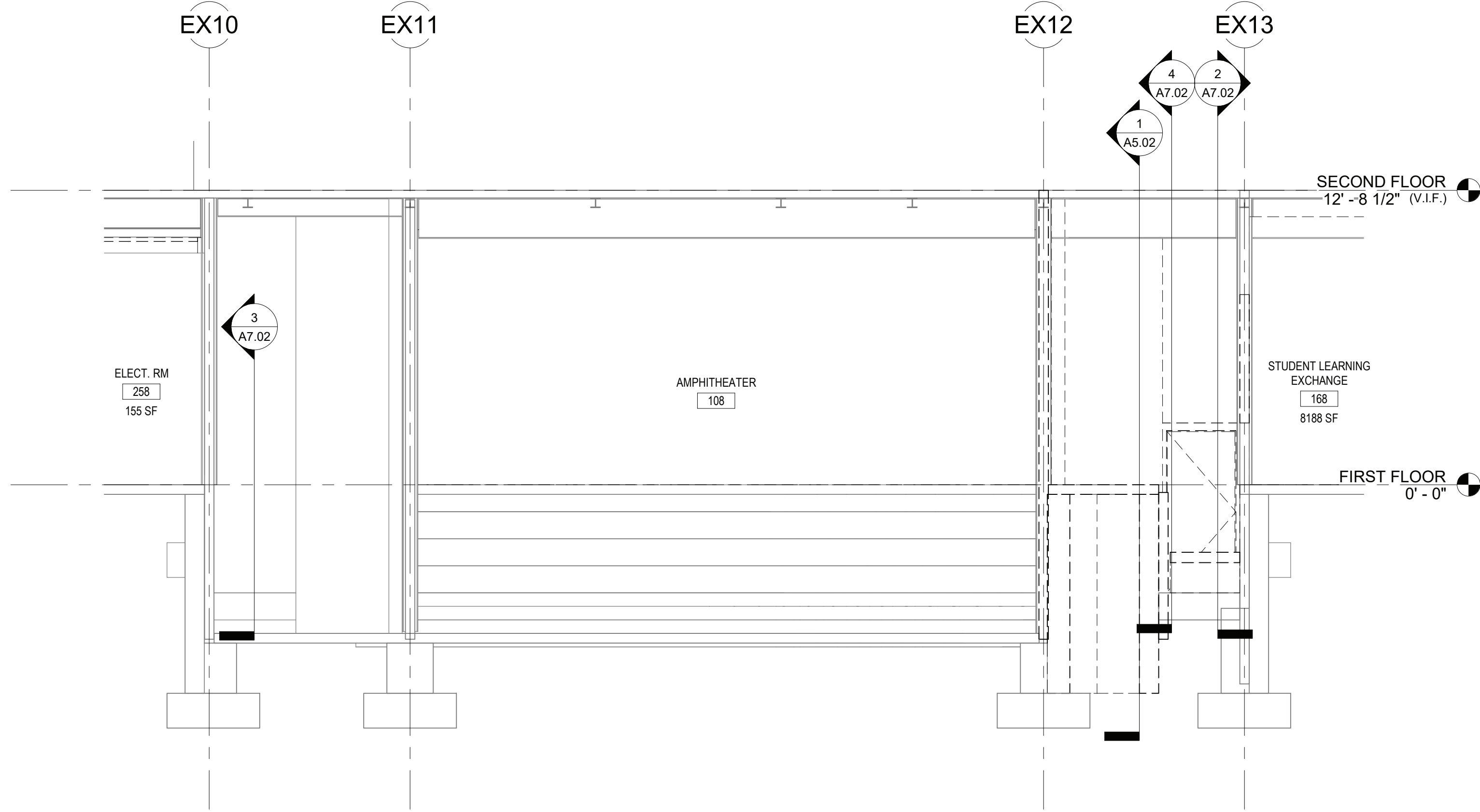
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DATE: -  
BID PAU DATE: 11/14/2022  
FILE NO. 21-274C

A5.01 HSMS

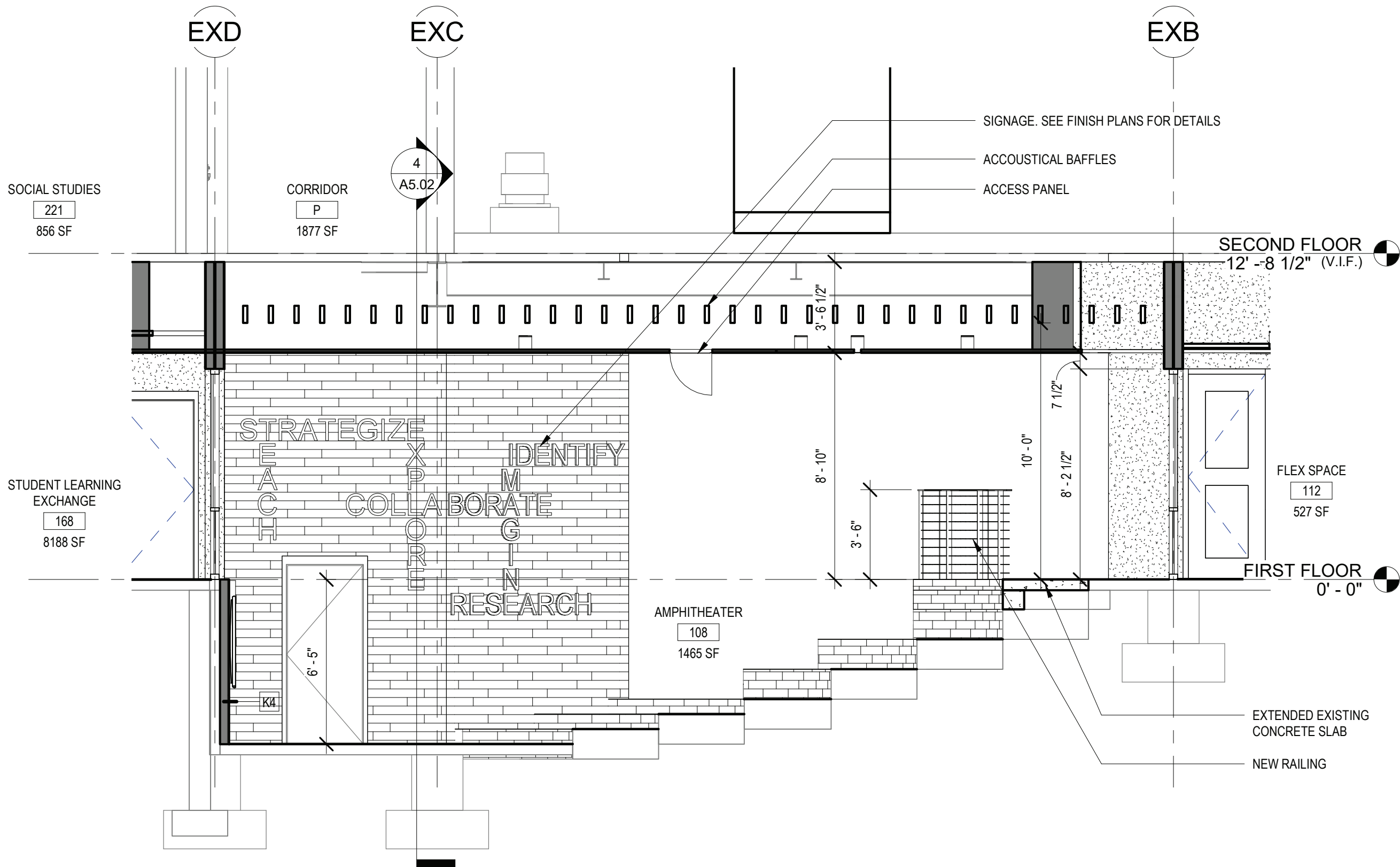




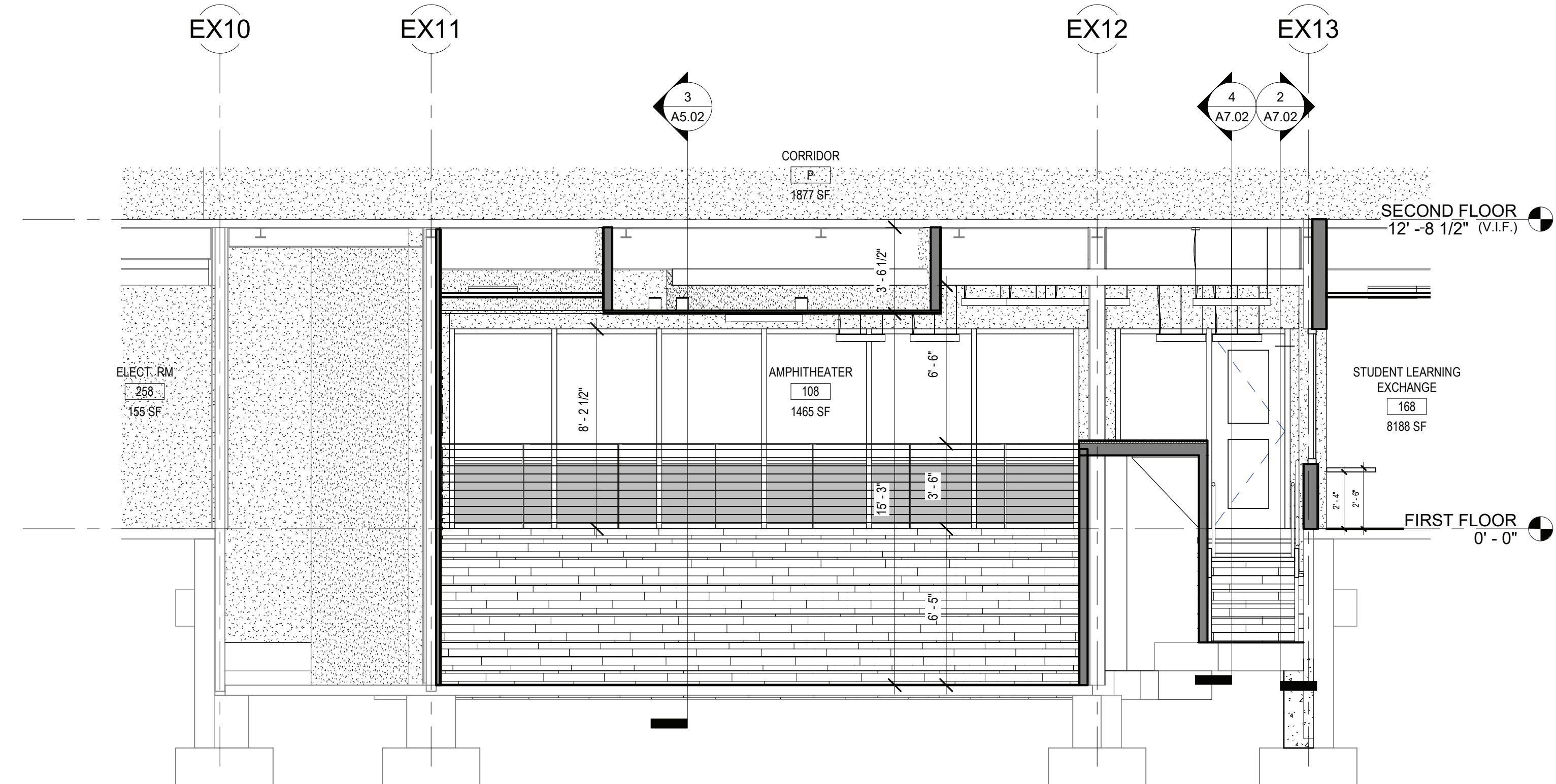
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SCALE: 1/4" = 1'-0"



2 AMPITHEATER SECTION  
SCALE: 1/4" = 1'-0"



3 AMPITHEATER SECTION  
SCALE: 1/4" = 1'-0"



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

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

BUILDING SECTIONS

PROJECT

DWG TITLE

DRWG. BY: C.M.  
CHK. BY: G.E.O.

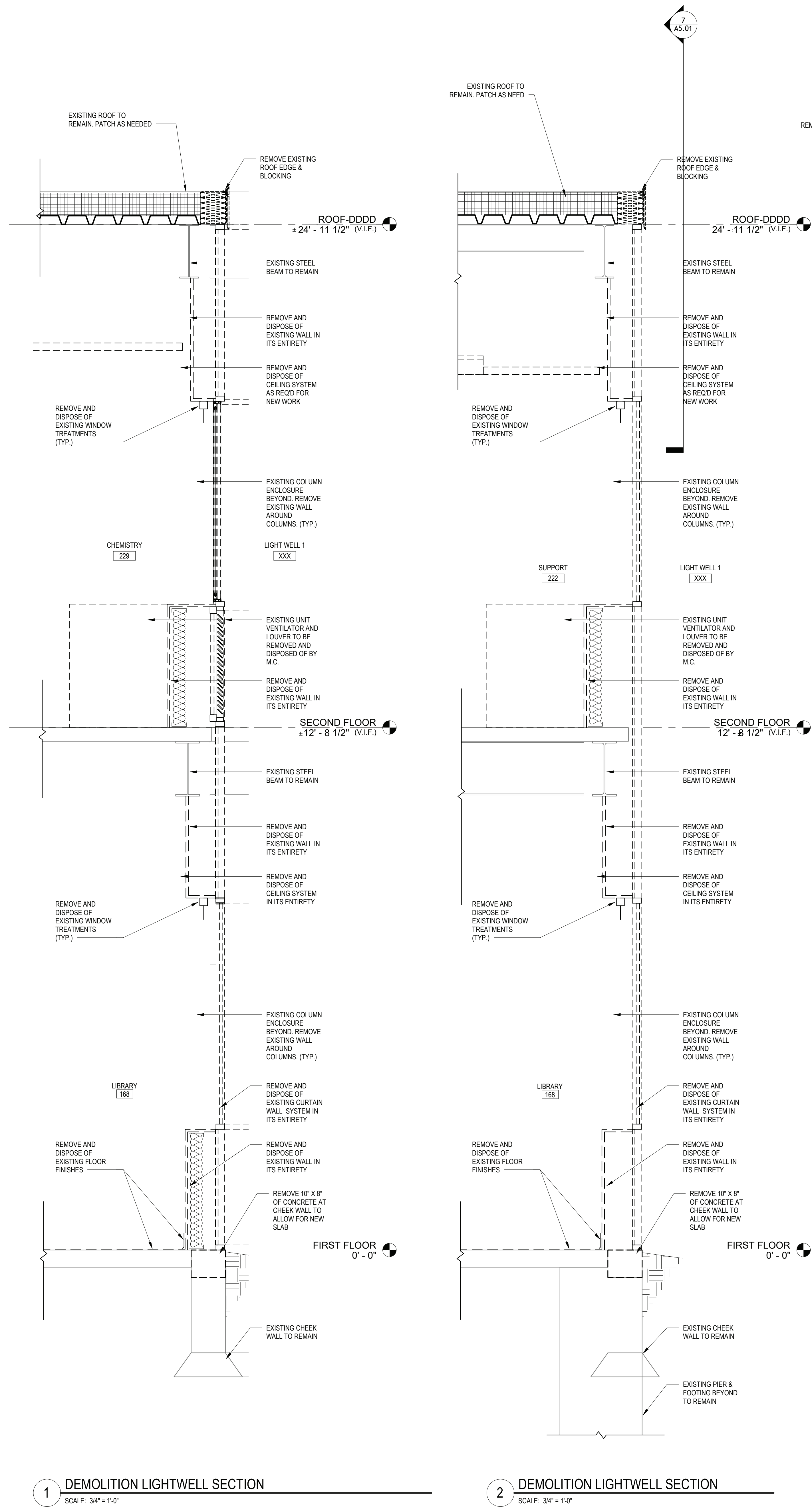
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DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG. TITLE BUILDING SECTIONS  
SCALE: AS NOTED  
DATE: -  
BID PAU DATE: 11/14/2022  
FILE NO. 21-274C

A5.02 HSMS

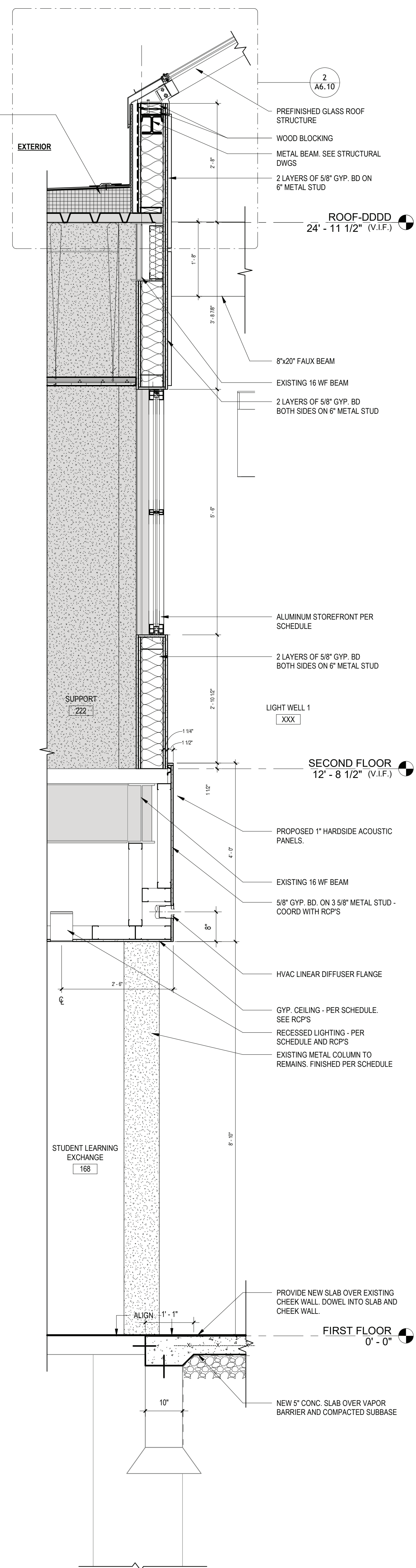




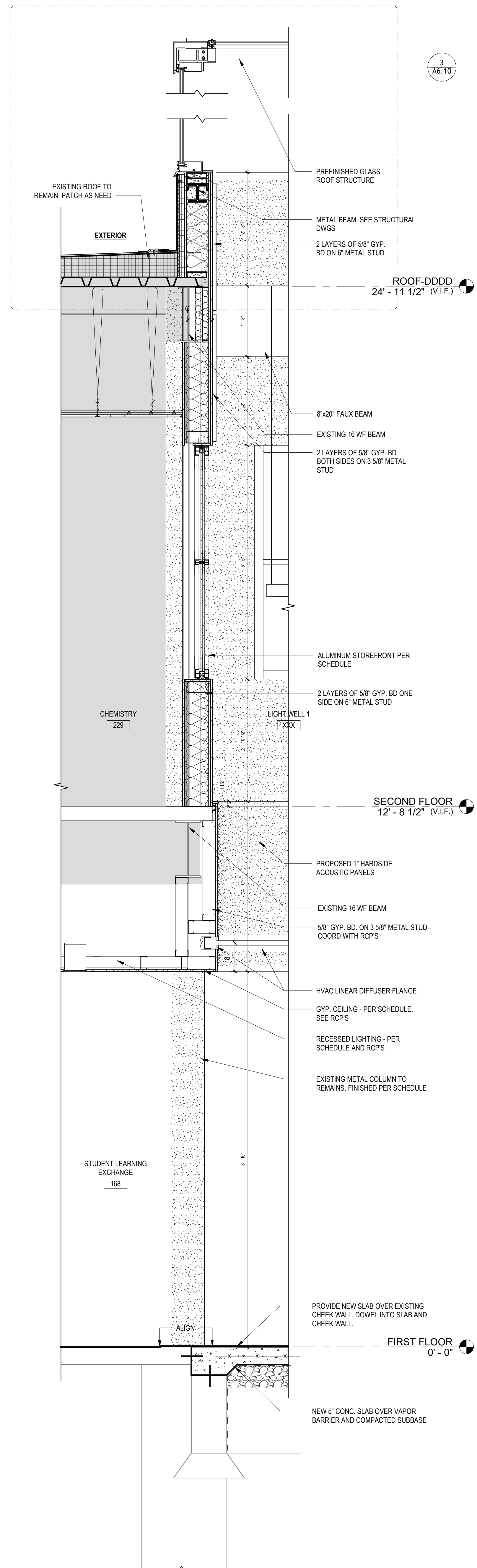
1 DEMOLITION LIGHTWELL SECTION  
SCALE: 3/4" = 1'-0"

2 DEMOLITION LIGHTWELL SECTION  
SCALE: 3/4" = 1'-0"

3 LIGHT WELL PROPOSED SECTION  
SCALE: 3/4" = 1'-0"

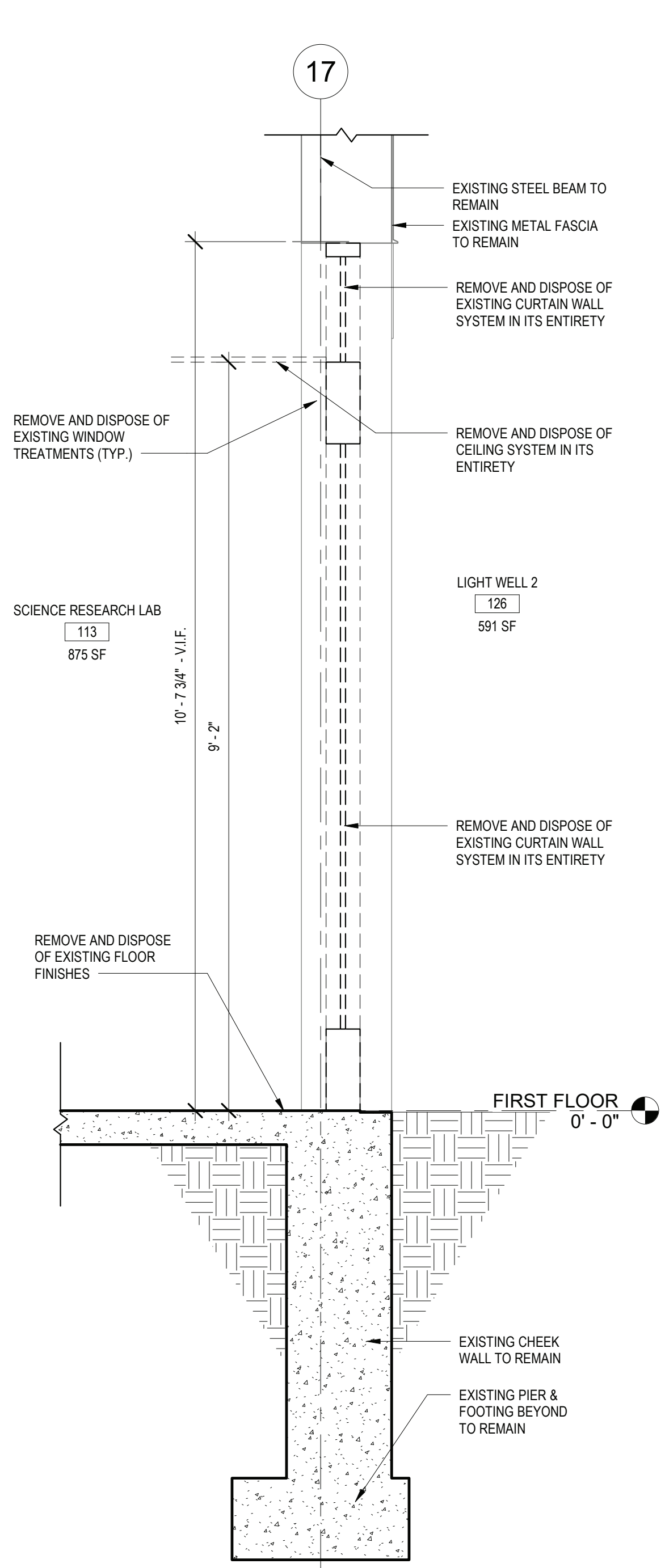


4 LIGHT WELL PROPOSED SECTION  
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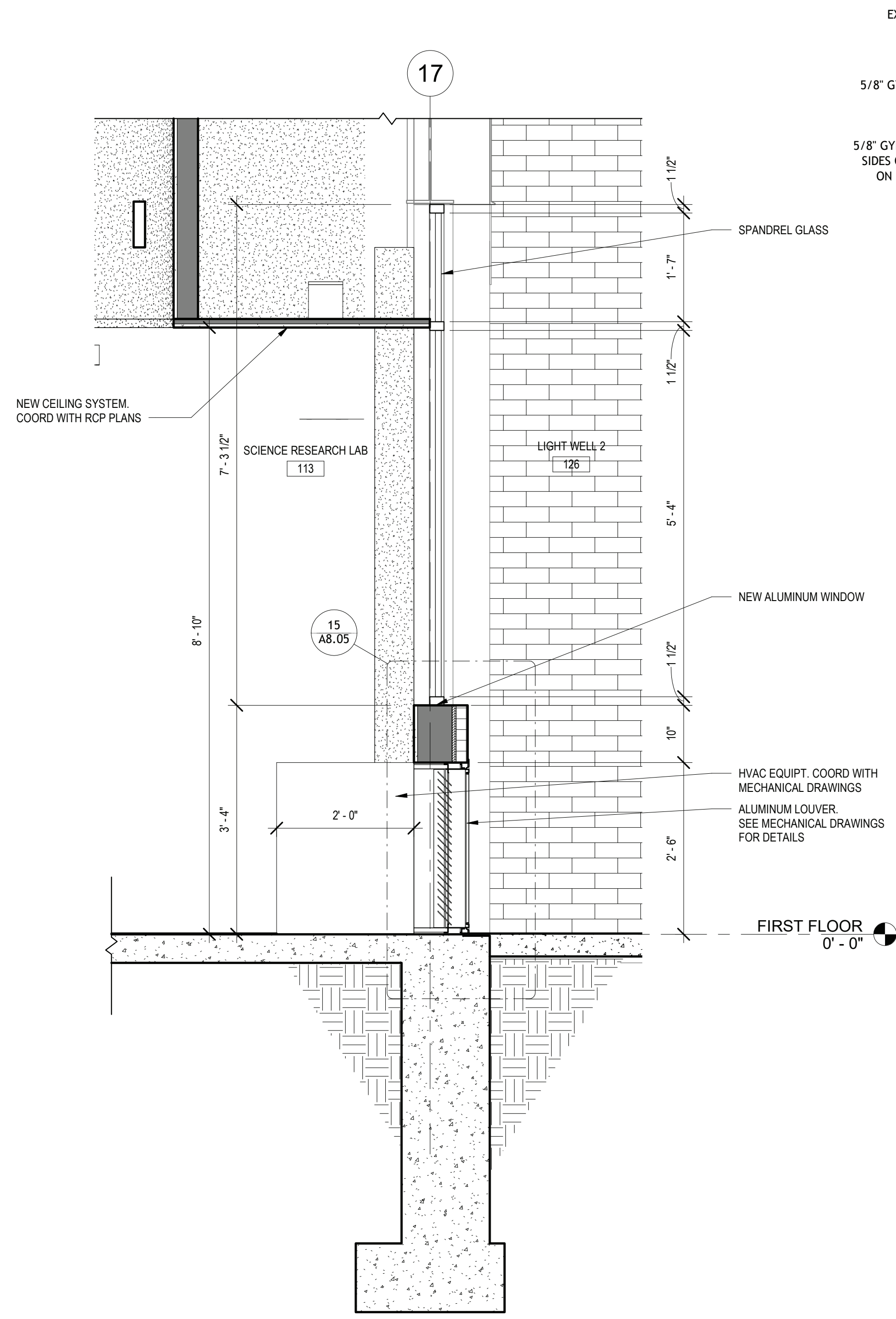


REV.	DATE	ITEM
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PROJECT		DWG TITLE
DRWG. BY: C.M.		
CHK. BY: G.E.O.		
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SED. NO. 66-14-02-02-0-004-023		
DISTRICT BRIARCLIFF MANOR U.F.S.D.		
PROJECT PHASE 2 BOND IMPROVEMENTS		
DWG TITLE WALL SECTIONS - LIGHT WELL		
SCALE: AS NOTED		
DATE: -		
BID P/L DATE: 11/14/2022		
FILE NO. 21-274C		
A6.01		HSMS

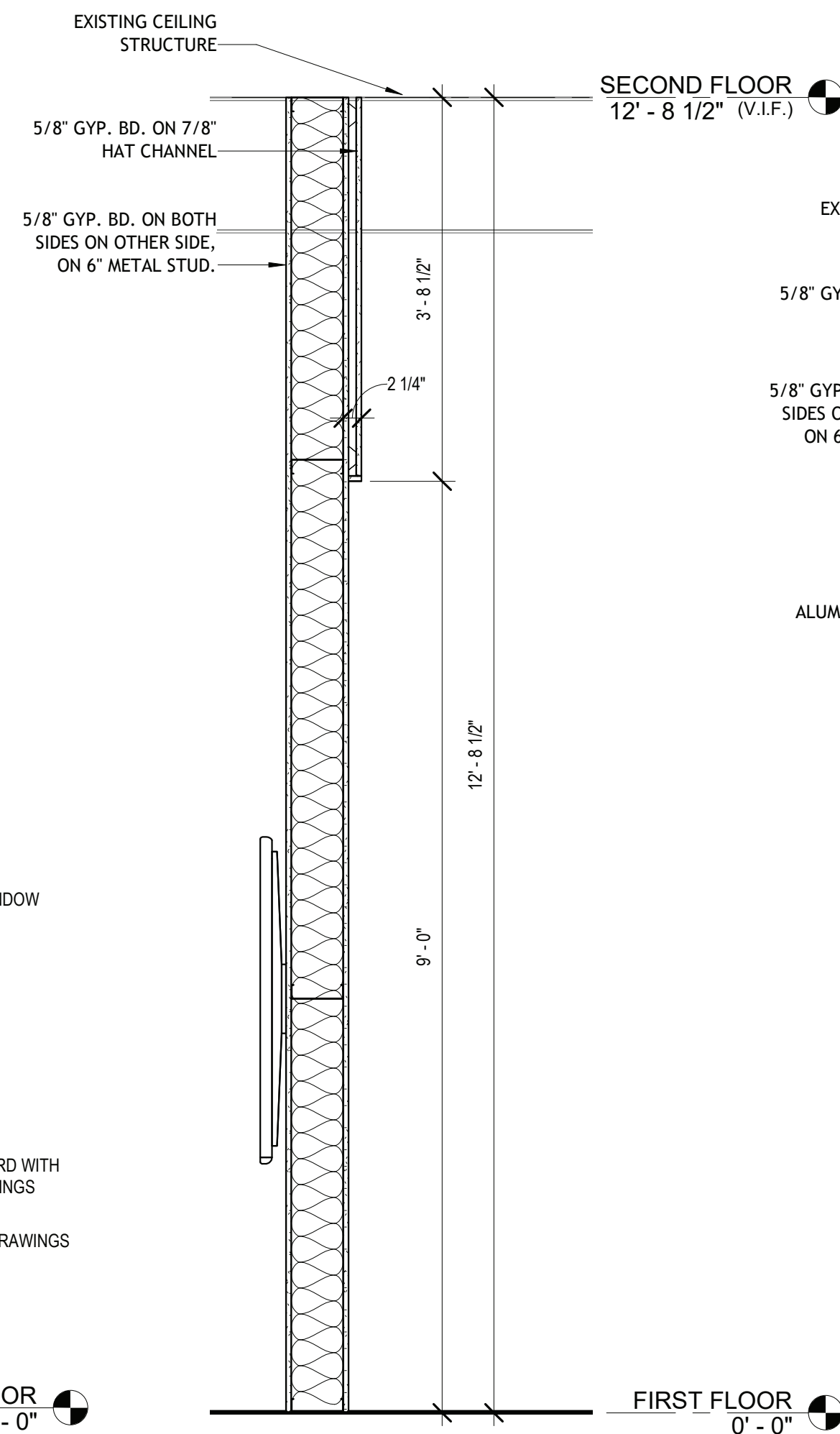




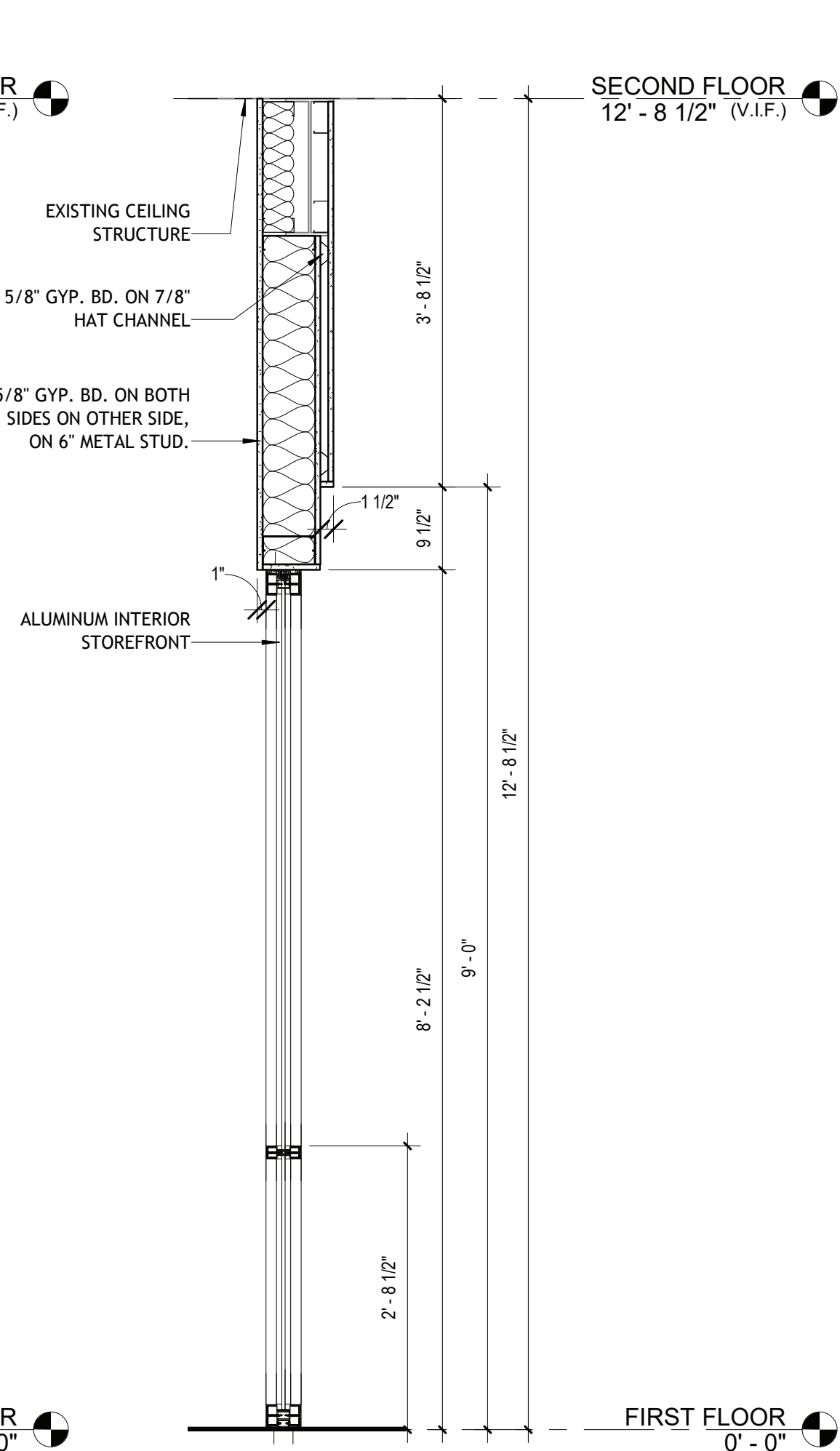
1 CORRIDOR B - DEMOLITION WALL SECTION  
SCALE: 3/4" = 1'-0"



2 CORRIDOR B - WALL SECTION  
SCALE: 3/4" = 1'-0"



3 WALL SECTION - BREAKOUT 505A-1  
SCALE: 3/4" = 1'-0"



4 WALL SECTION - BREAKOUT 505A-2  
SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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WALL SECTIONS

PROJECT

DWG TITLE

DRWG. BY: J.N.  
CHK. BY: G.E.O.

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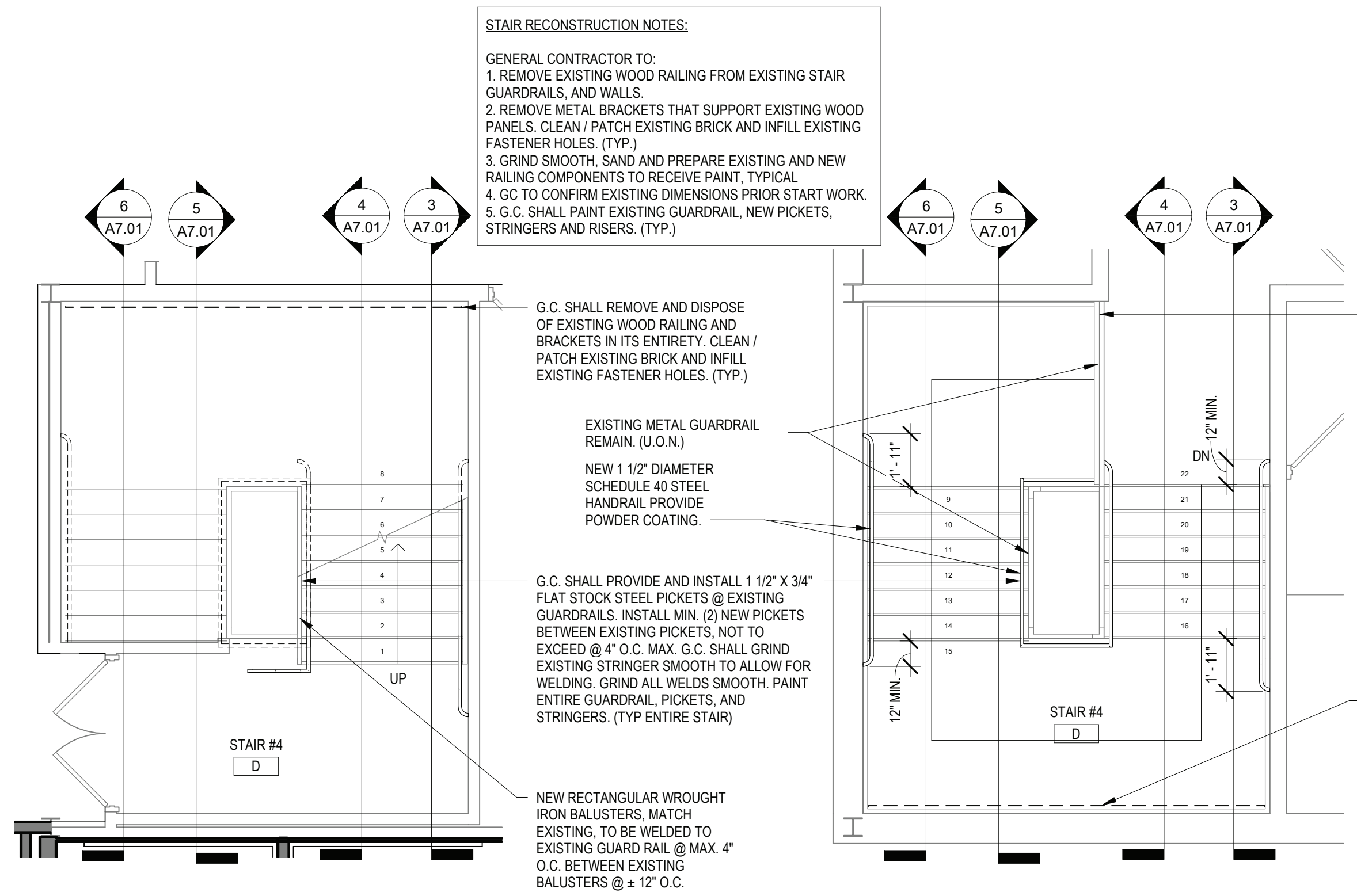
SHEET NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG TITLE WALL SECTIONS  
SCALE: AS NOTED  
DATE: -  
BID / PAU DATE: 11/14/2022  
FILE NO. 21-274C

A6.02 HSMS



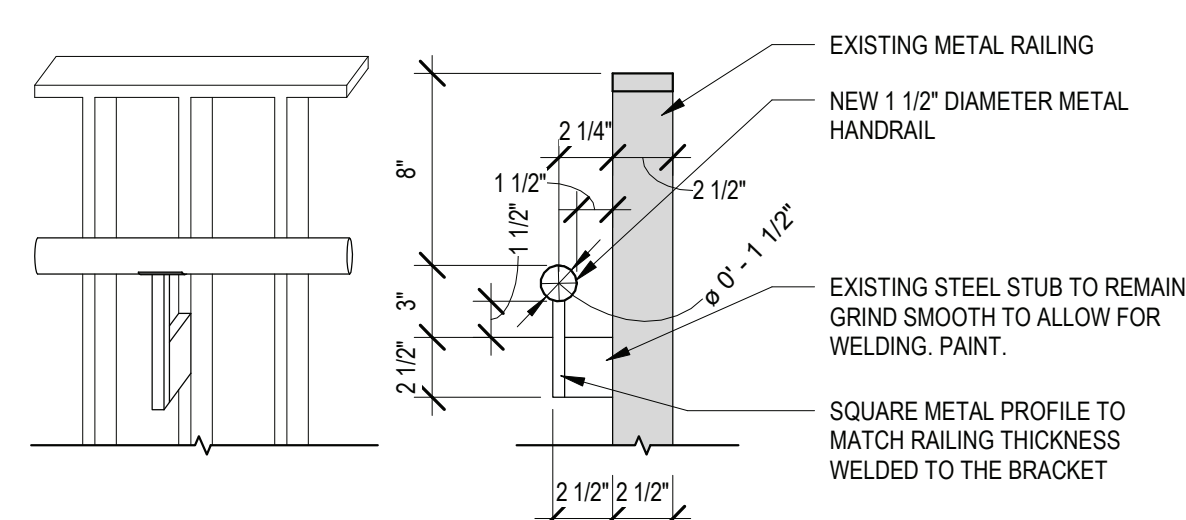




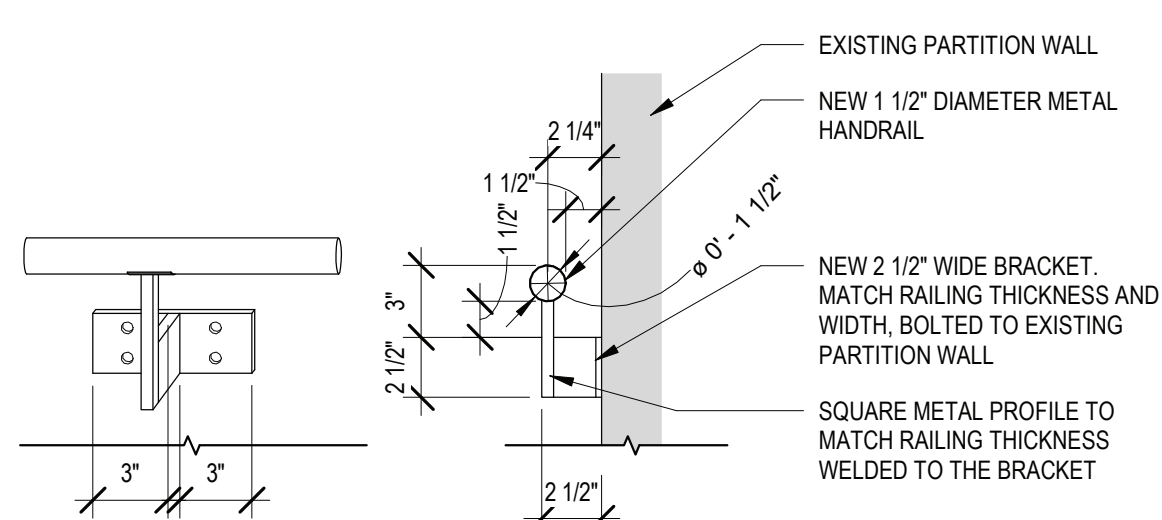


1 ENLARGED PLAN - FIRST FLOOR STAIR  
SCALE: 1/4" = 1'-0"

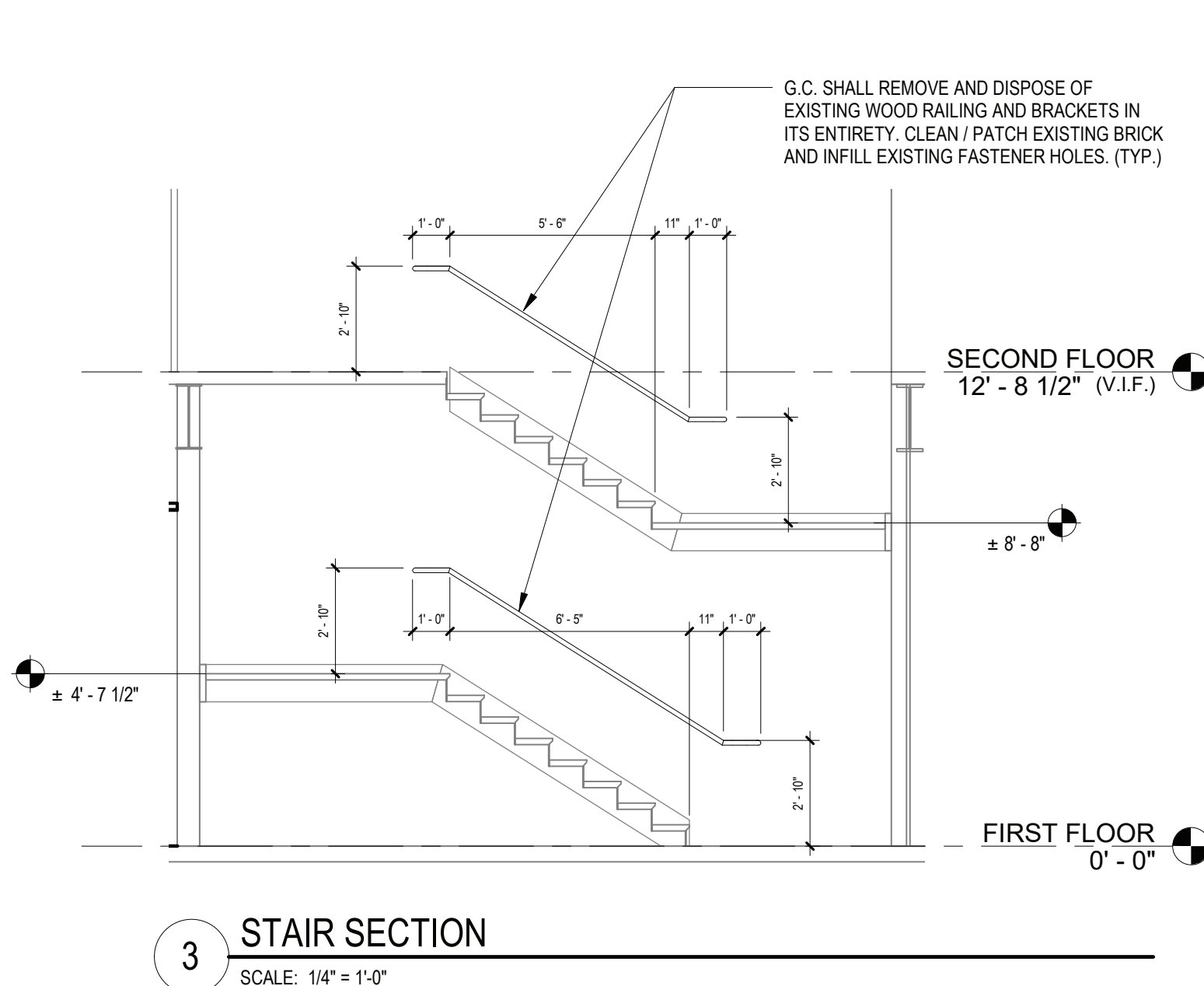
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SCALE: 1/4" = 1'-0"



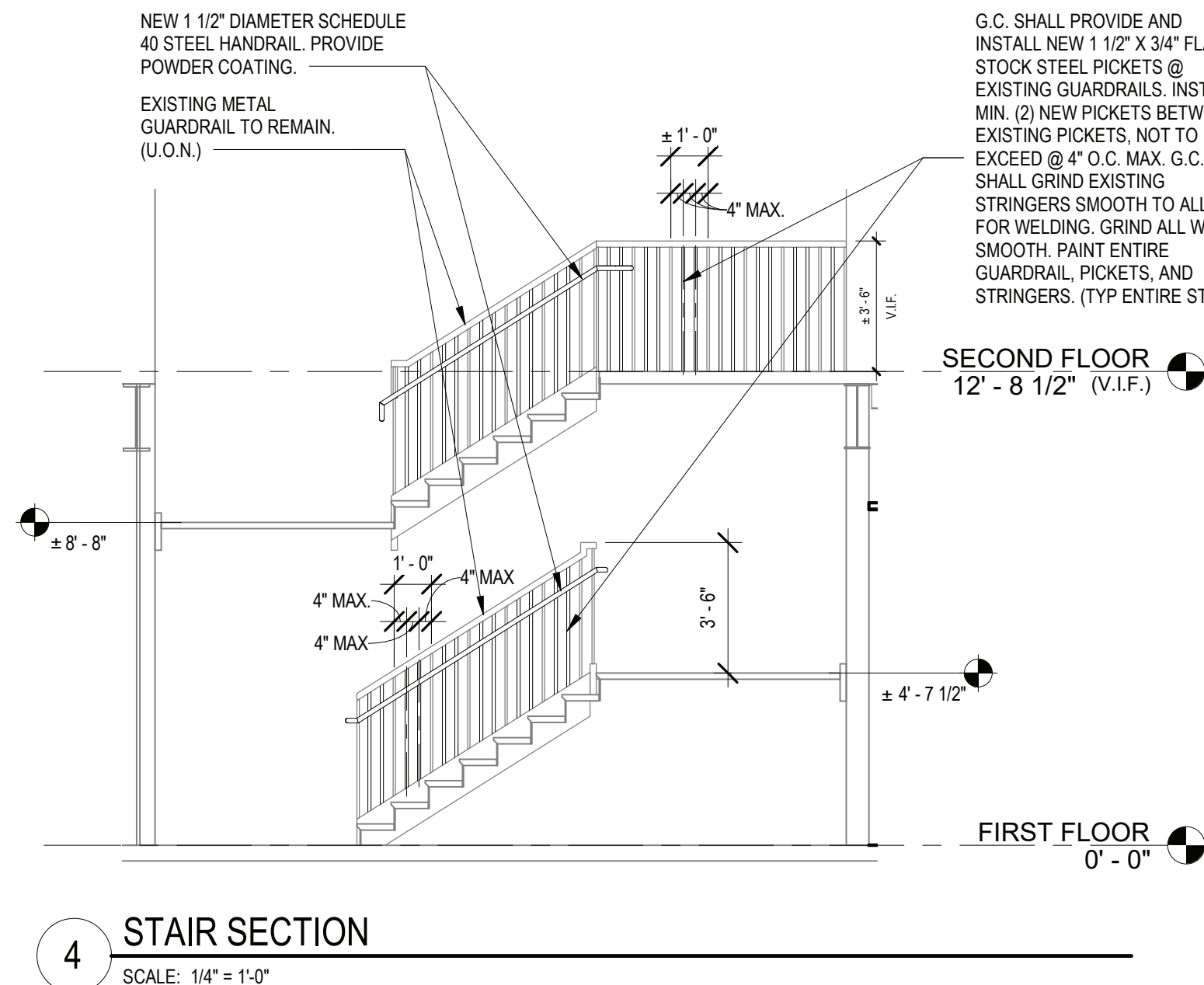
7 STAIR - BRACKET AT RAILING  
SCALE: 1 1/2" = 1'-0"



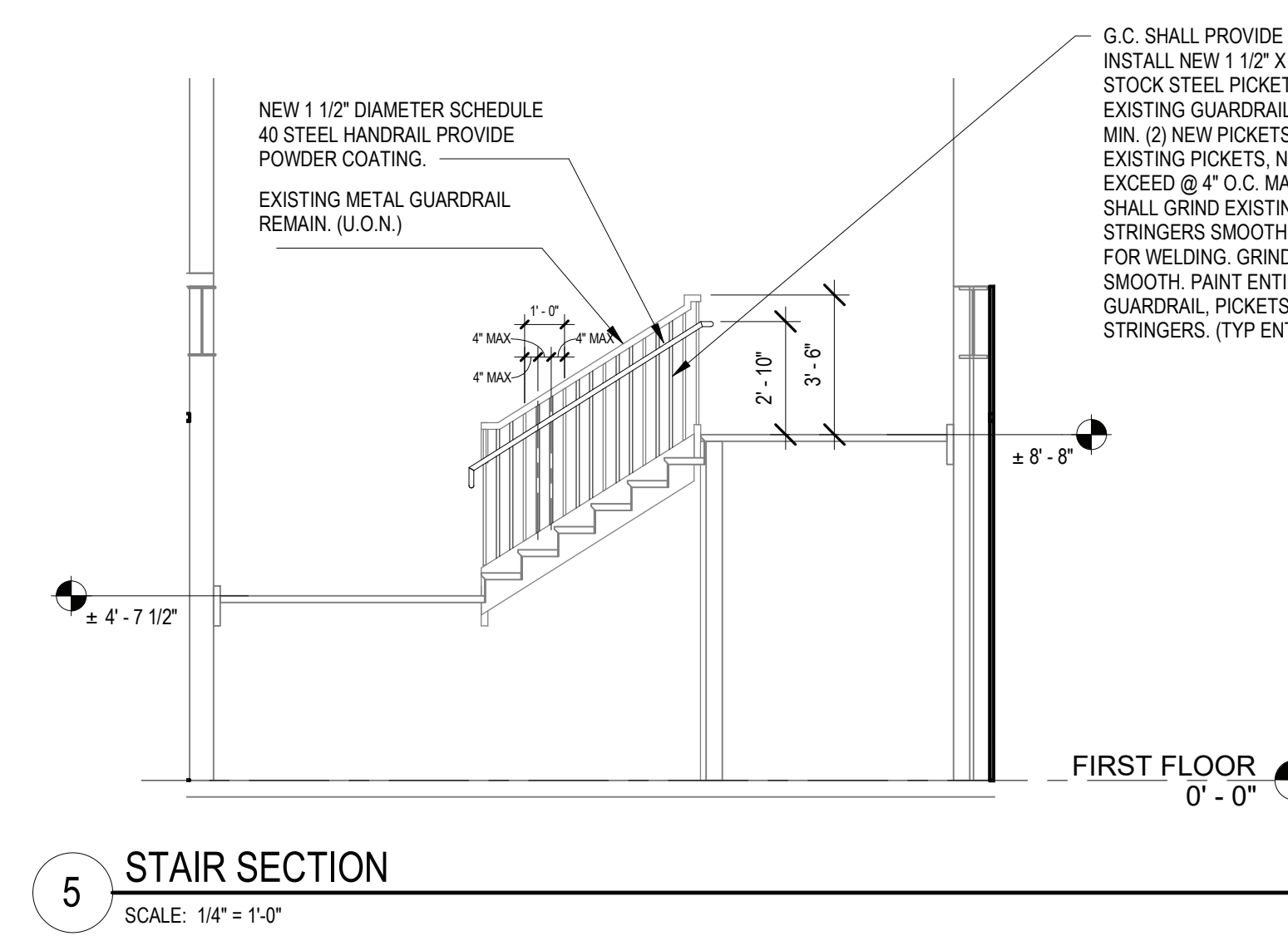
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SCALE: 1 1/2" = 1'-0"



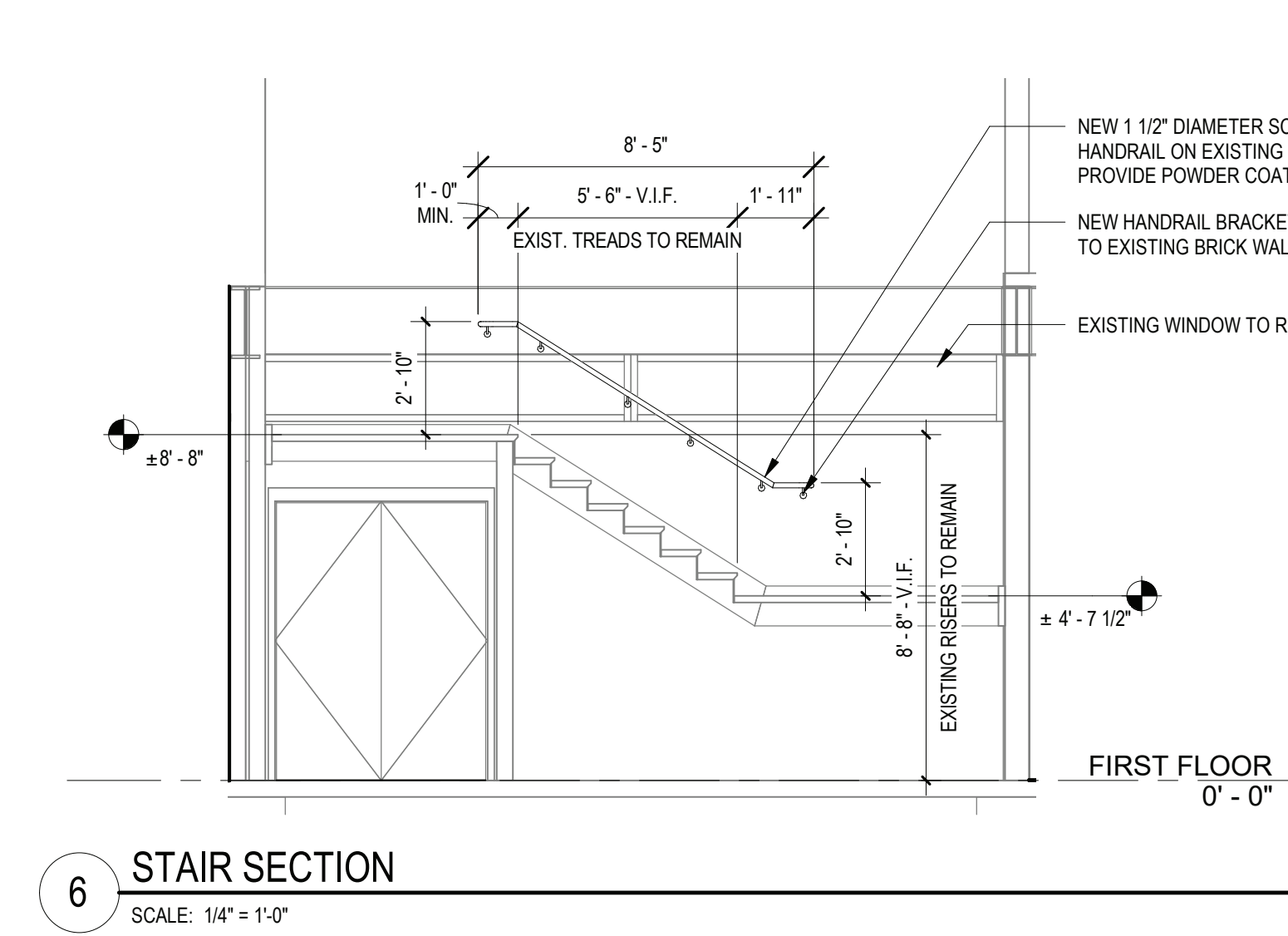
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SCALE: 1/4" = 1'-0"



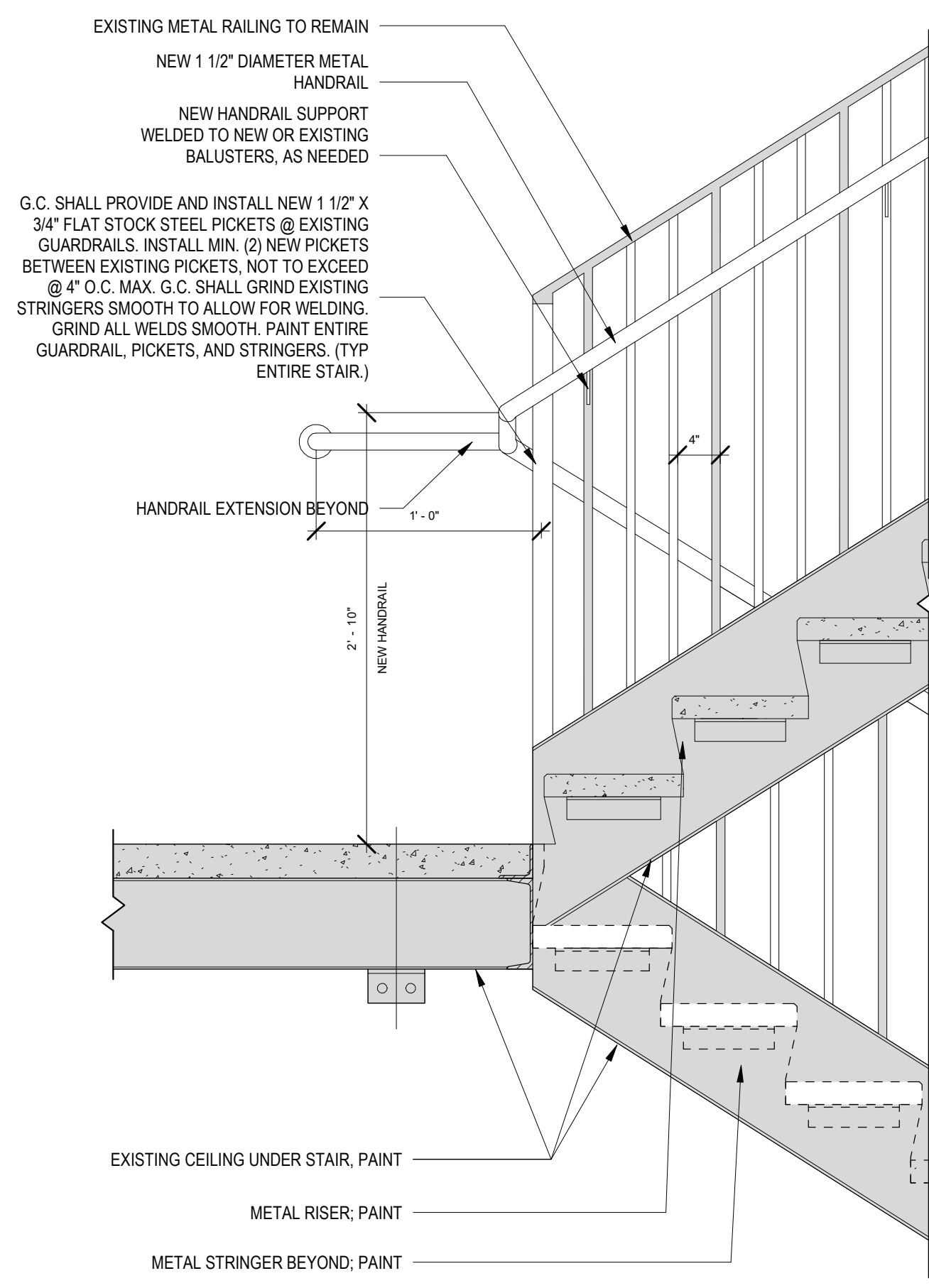
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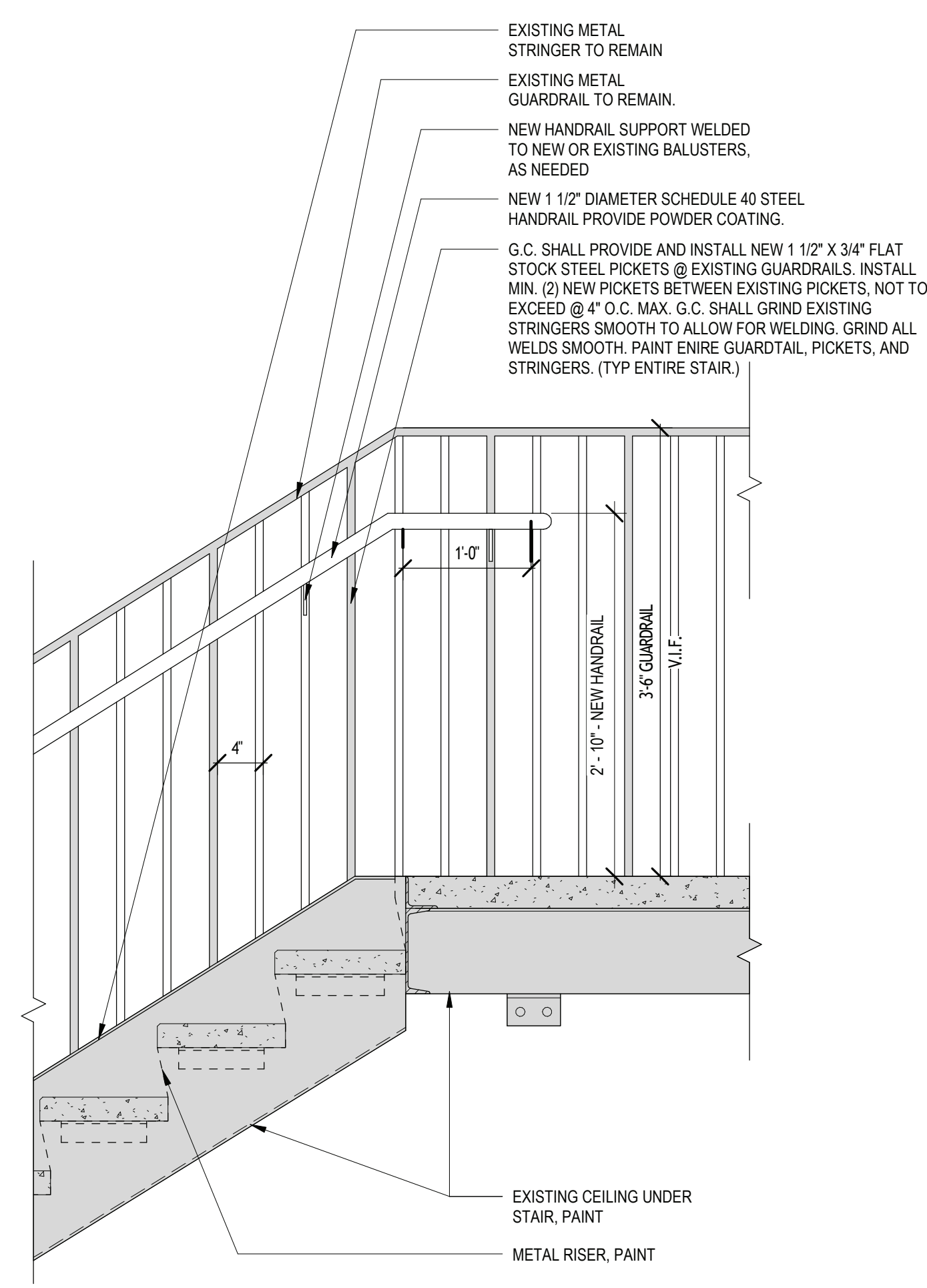
5 STAIR SECTION  
SCALE: 1/4" = 1'-0"



6 STAIR SECTION  
SCALE: 1/4" = 1'-0"



9 STAIR - INTERMEDIATE LANDING @ GUARDRAIL  
SCALE: 1" = 1'-0"



10 STAIR - TYP. TOP LANDING  
SCALE: 1" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

STAIR PLANS AND ELEVATIONS

PROJECT  
DWG TITLE

DRWG. BY: C.M.  
CHK. BY: G.E.O.

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE STAIR PLANS AND ELEVATIONS

SCALE: AS NOTED

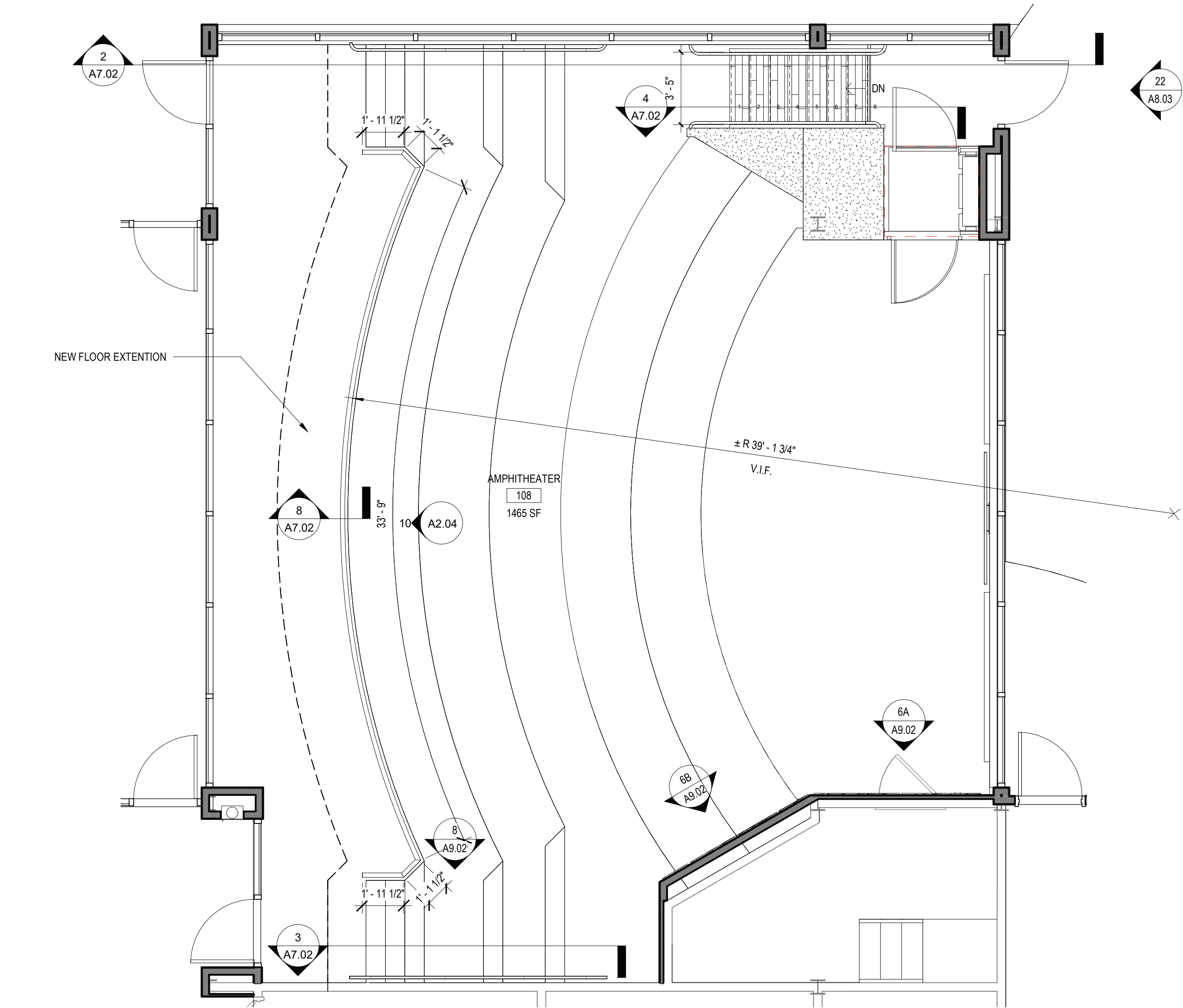
DATE: -

BID PAU DATE: 11/14/2022

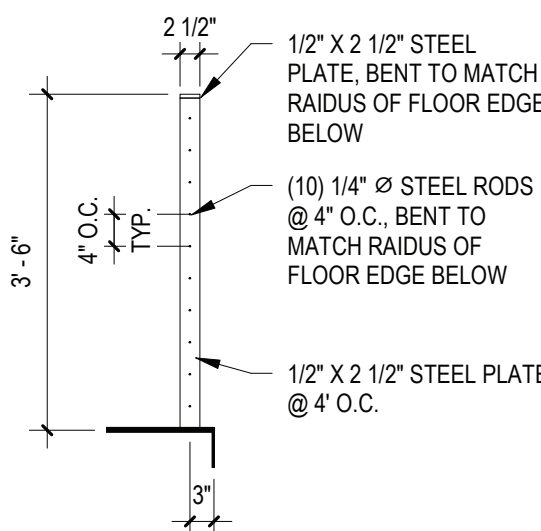
FILE NO. 21-274C

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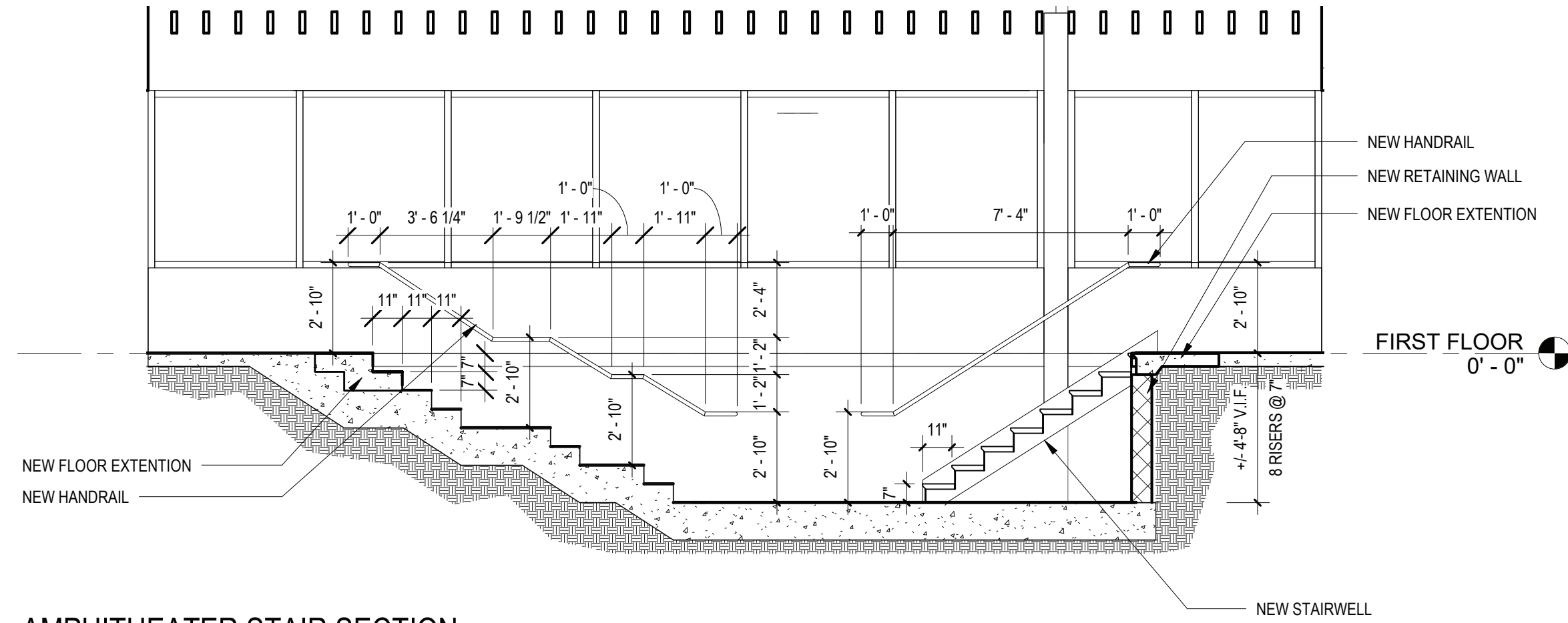




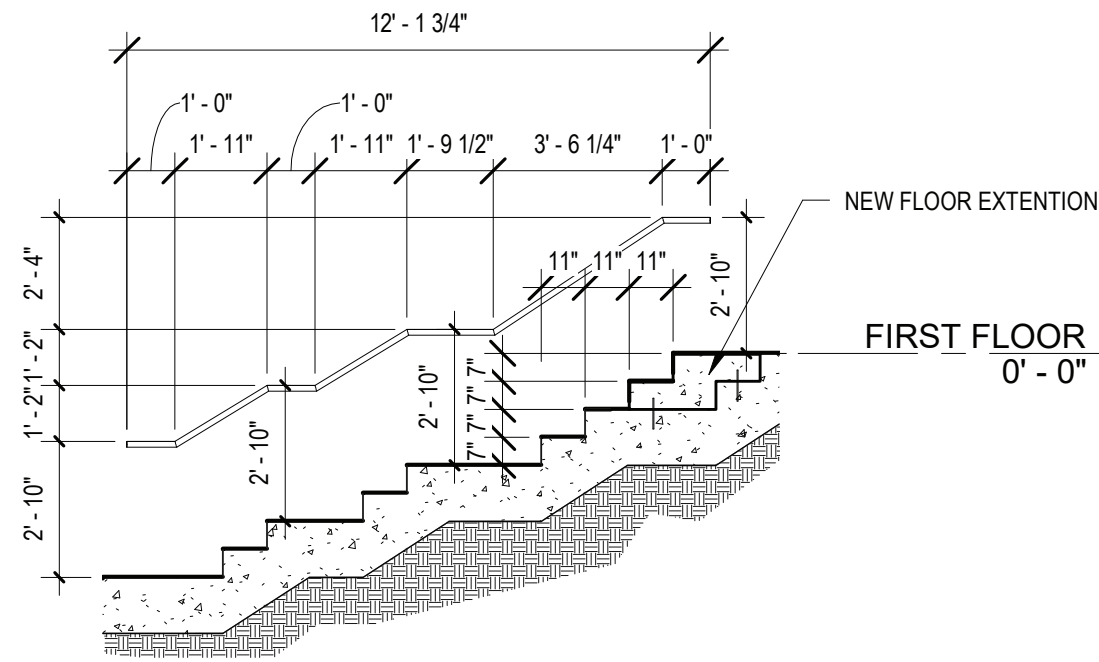
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SCALE: 1/4" = 1'-0"



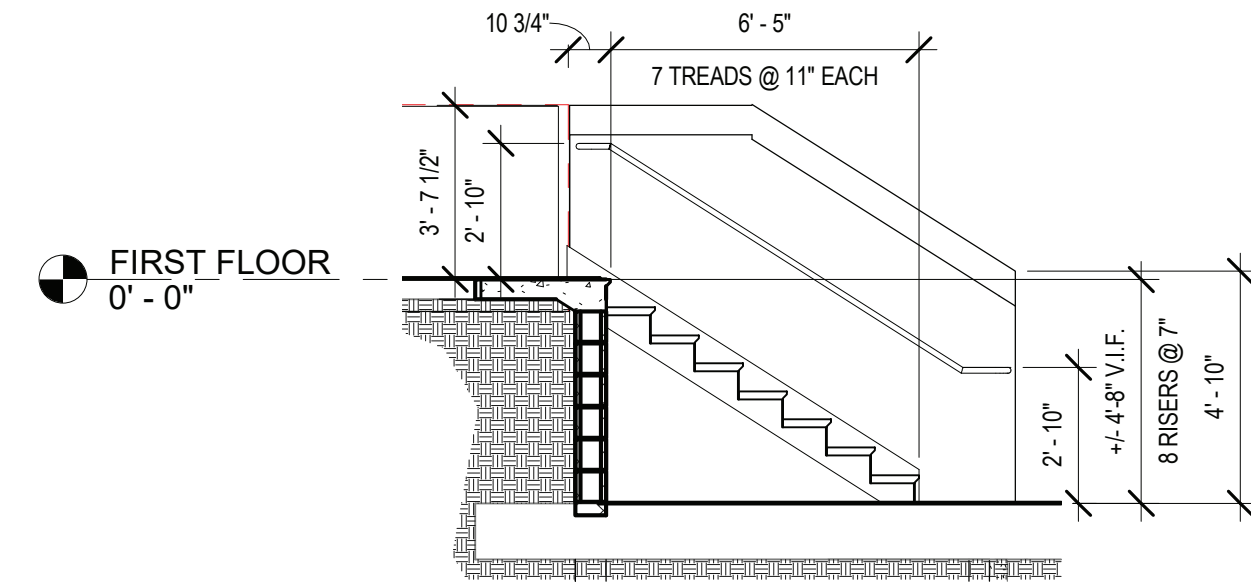
8 AMPHITHEATER GUARDRAIL SECTION  
SCALE: 1/2" = 1'-0"



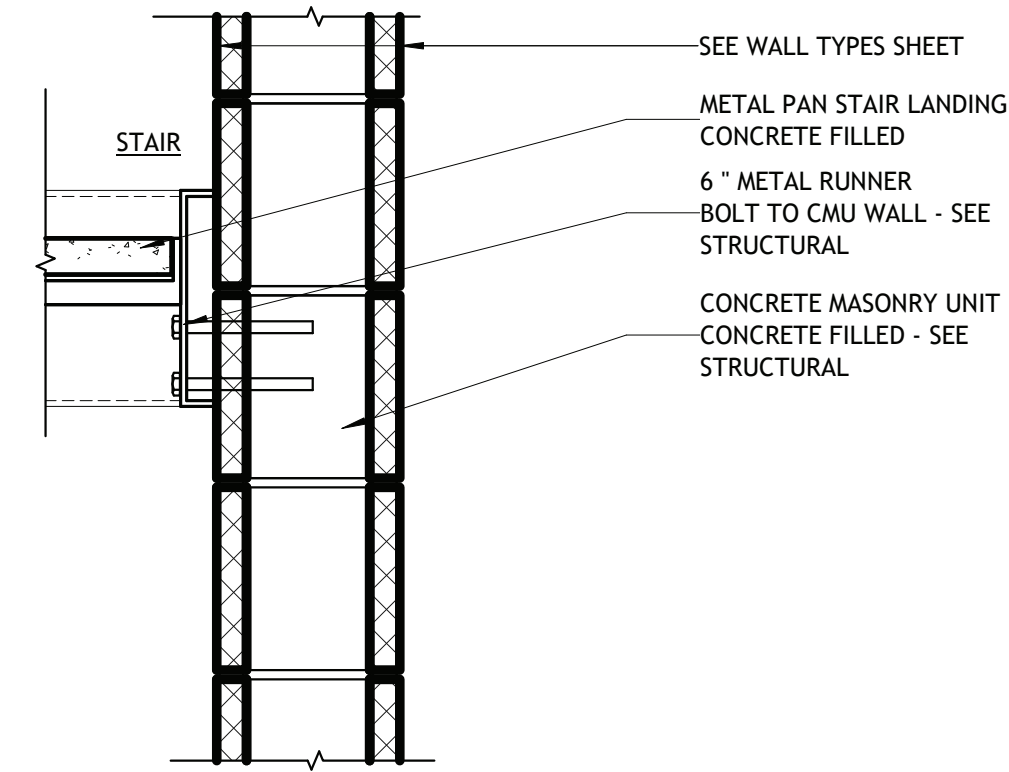
2 AMPHITHEATER STAIR SECTION  
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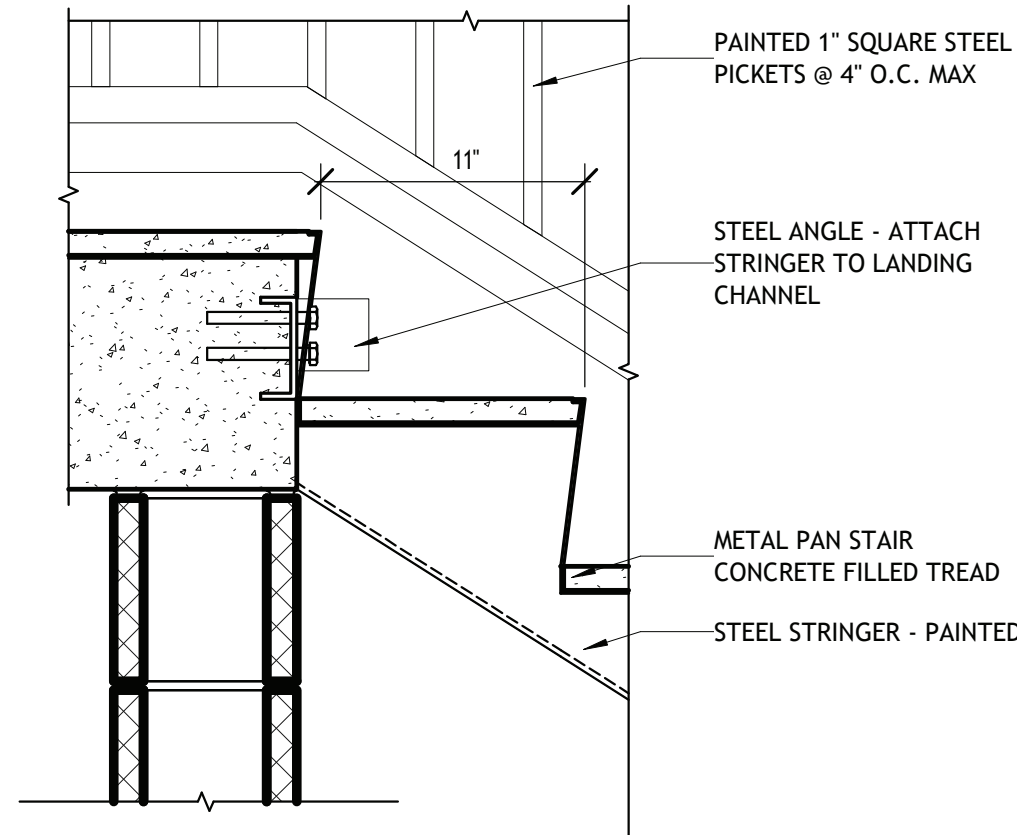
3 AMPHITHEATER STAIR SECTION 2  
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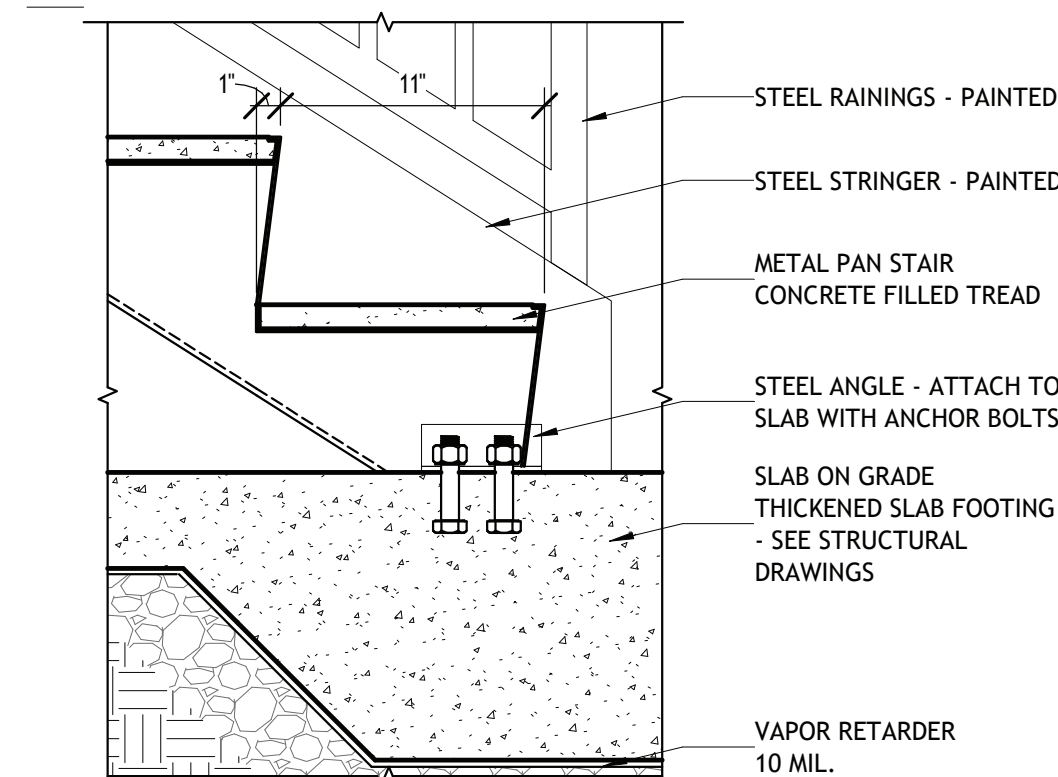
4 AMPHITHEATER STAIR SECTION 3  
SCALE: 1/4" = 1'-0"



5 STAIR - INTERMEDIATE LANDING @ CMU WALL (METAL PAN)  
SCALE: 1 1/2" = 1'-0"



6 STAIR - RISER AT LANDING (METAL PAN)  
SCALE: 1 1/2" = 1'-0"



7 STAIR - RISER AT SLAB (METAL PAN)  
SCALE: 1 1/2" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

STAIR PLANS AND ELEVATIONS

PROJECT

DWG TITLE

DRWG. BY: Author  
CHK. BY: Checker

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE STAIR PLANS AND ELEVATIONS

SCALE: AS NOTED

DATE: -

BID PAU DATE: 11/14/2022

FILE NO. 21-274C

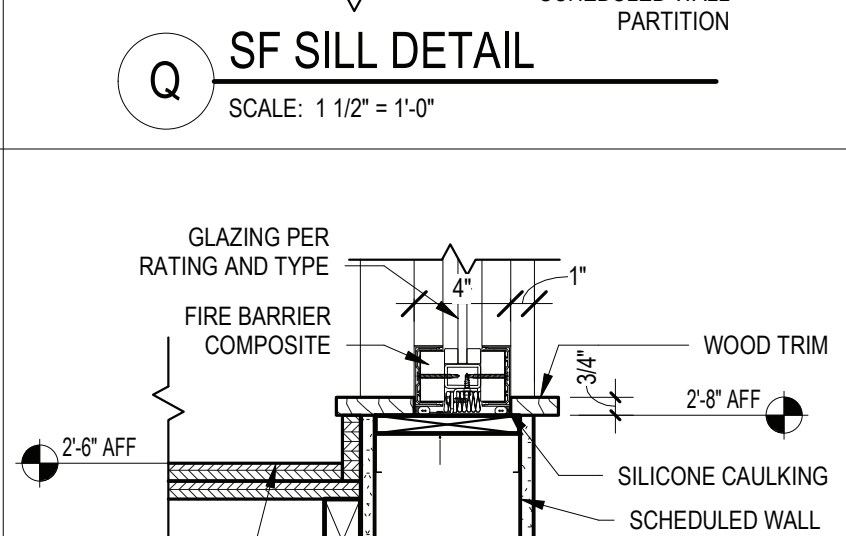
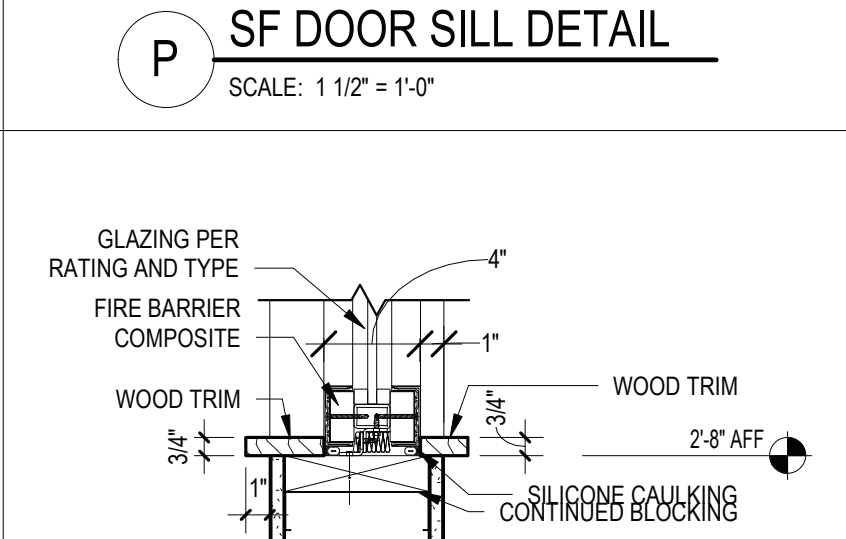
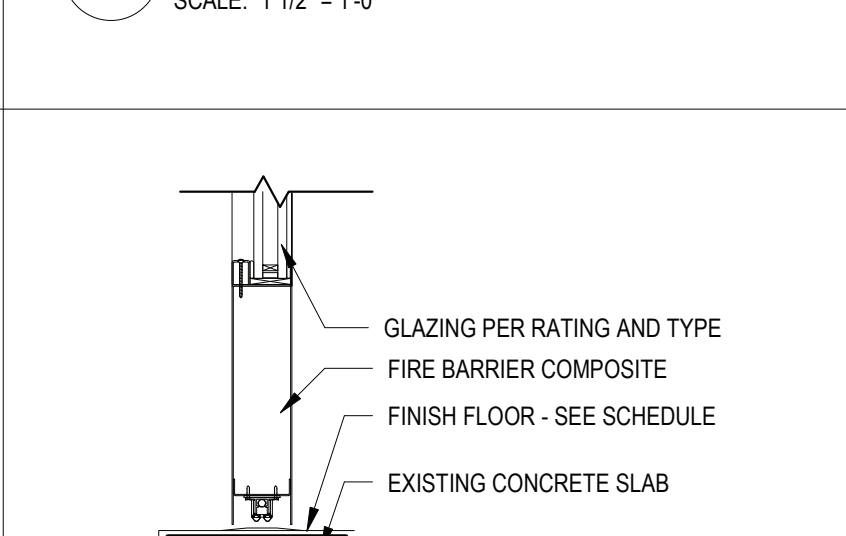
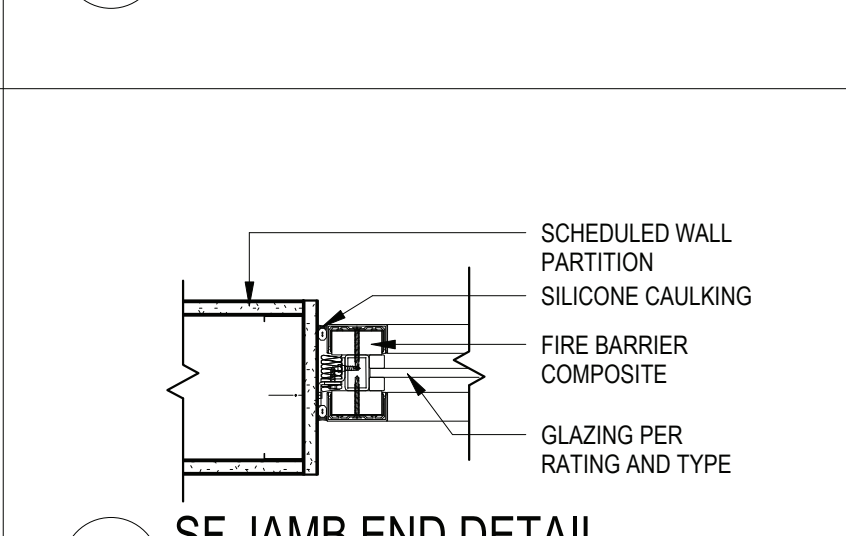
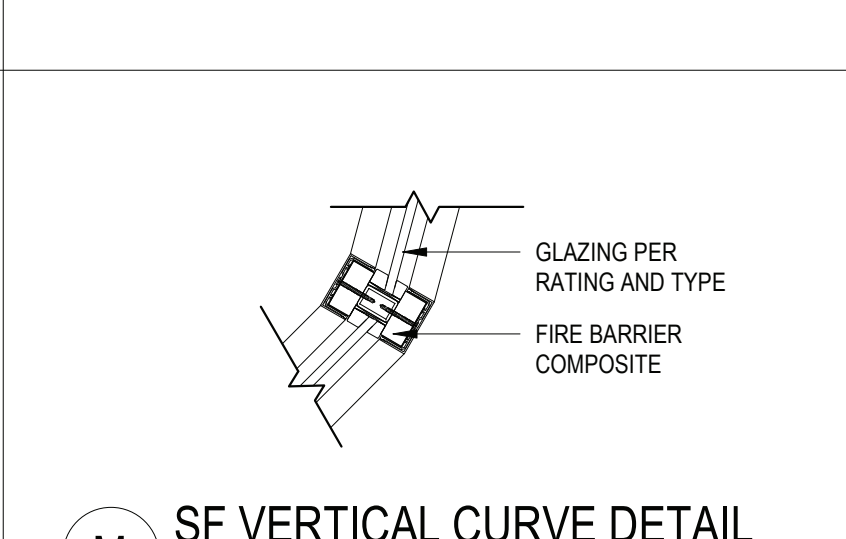
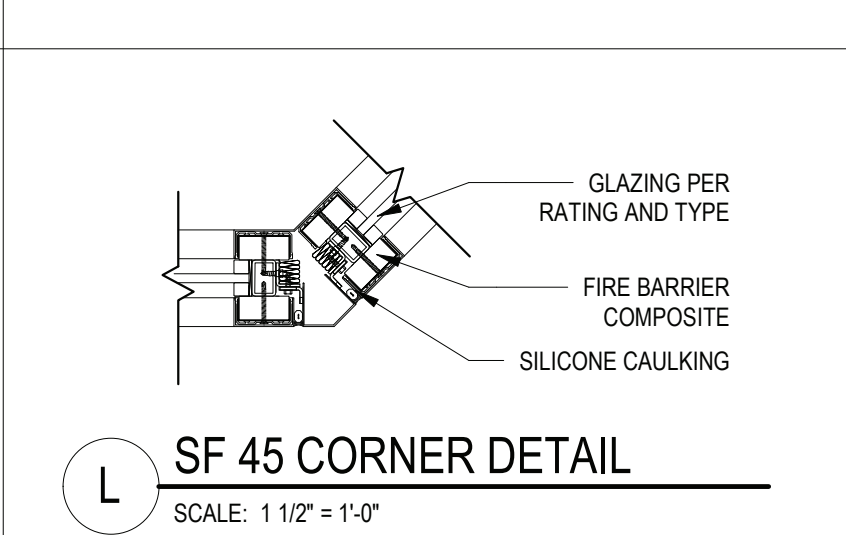
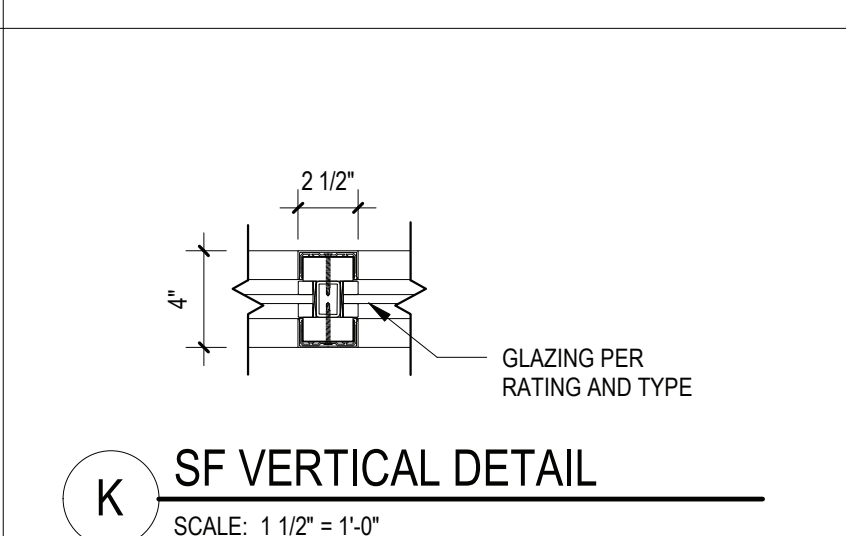
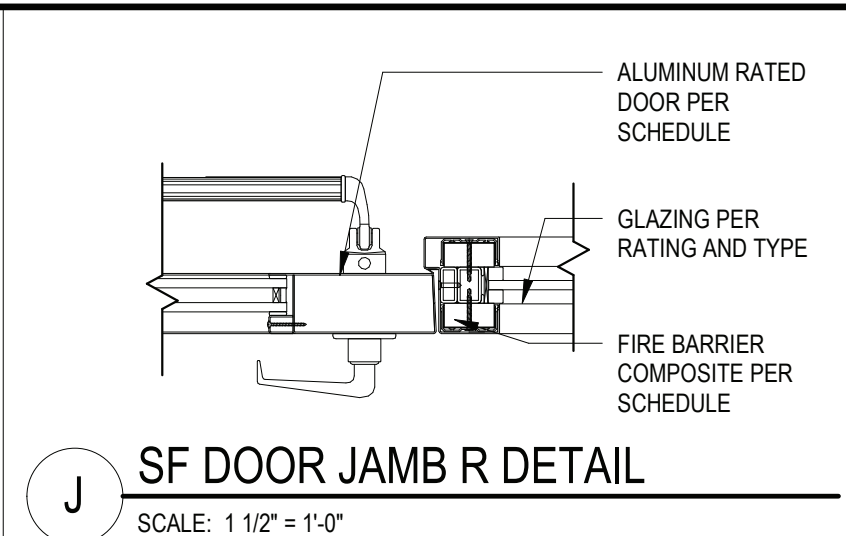
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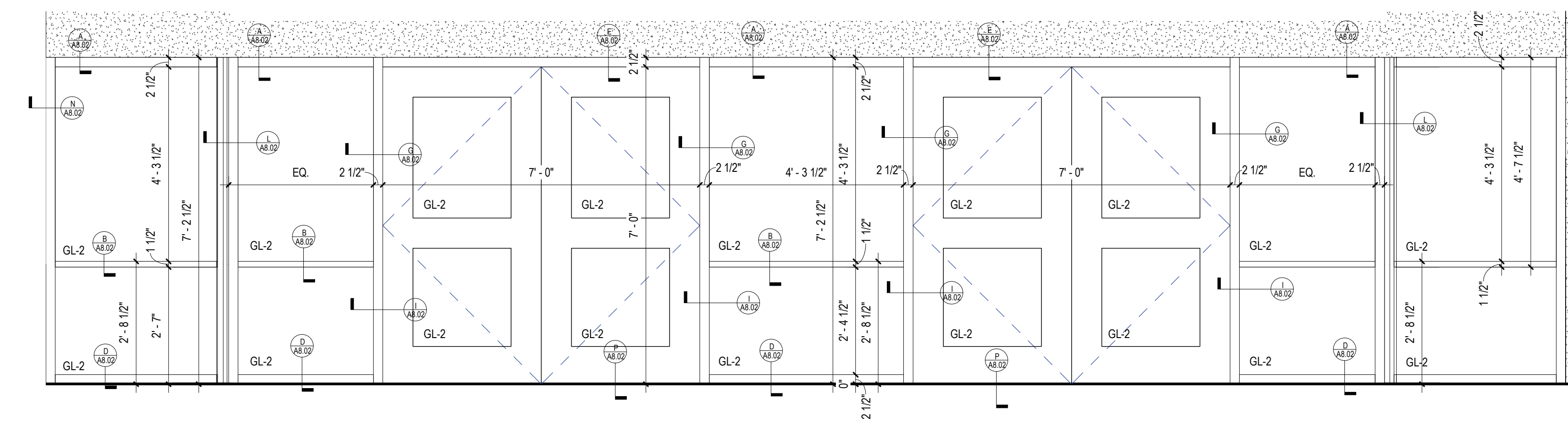
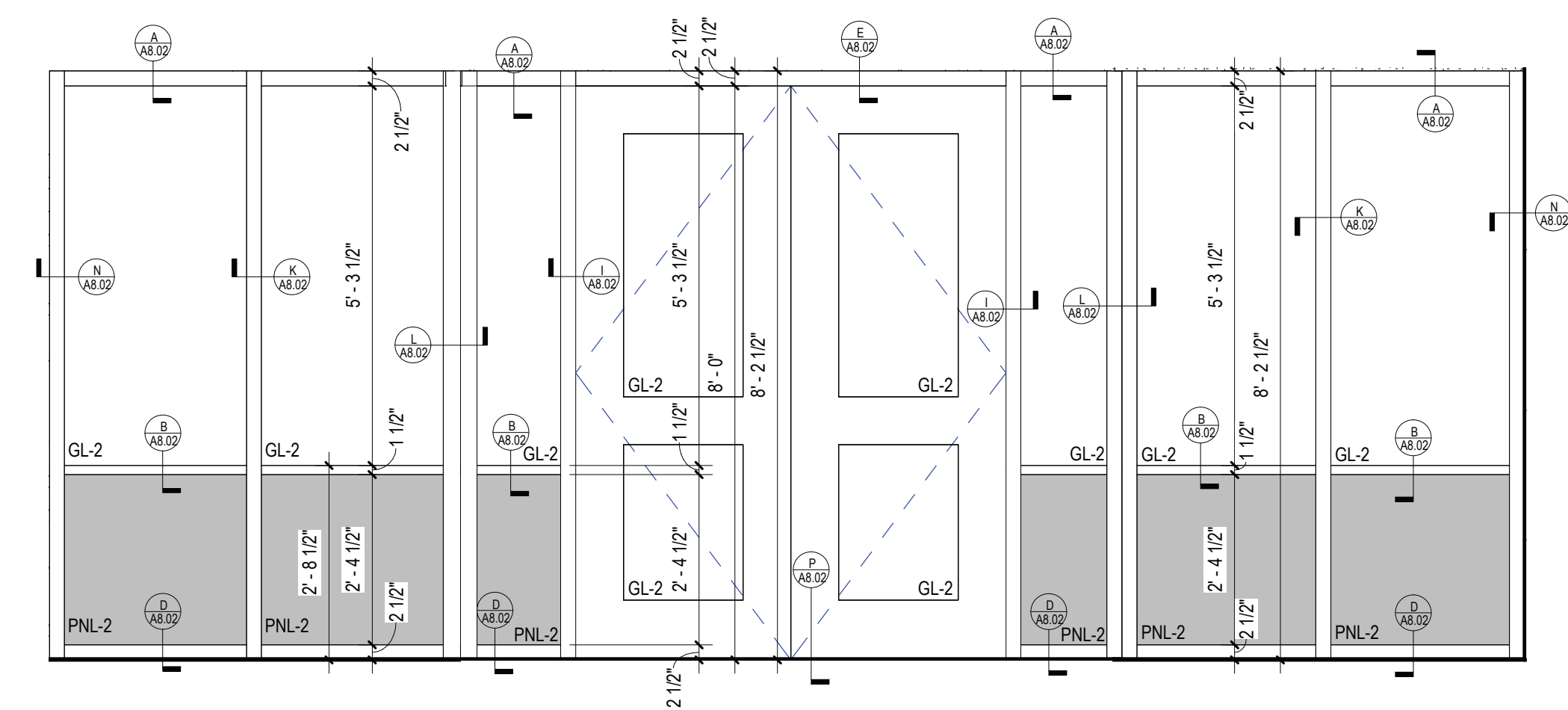
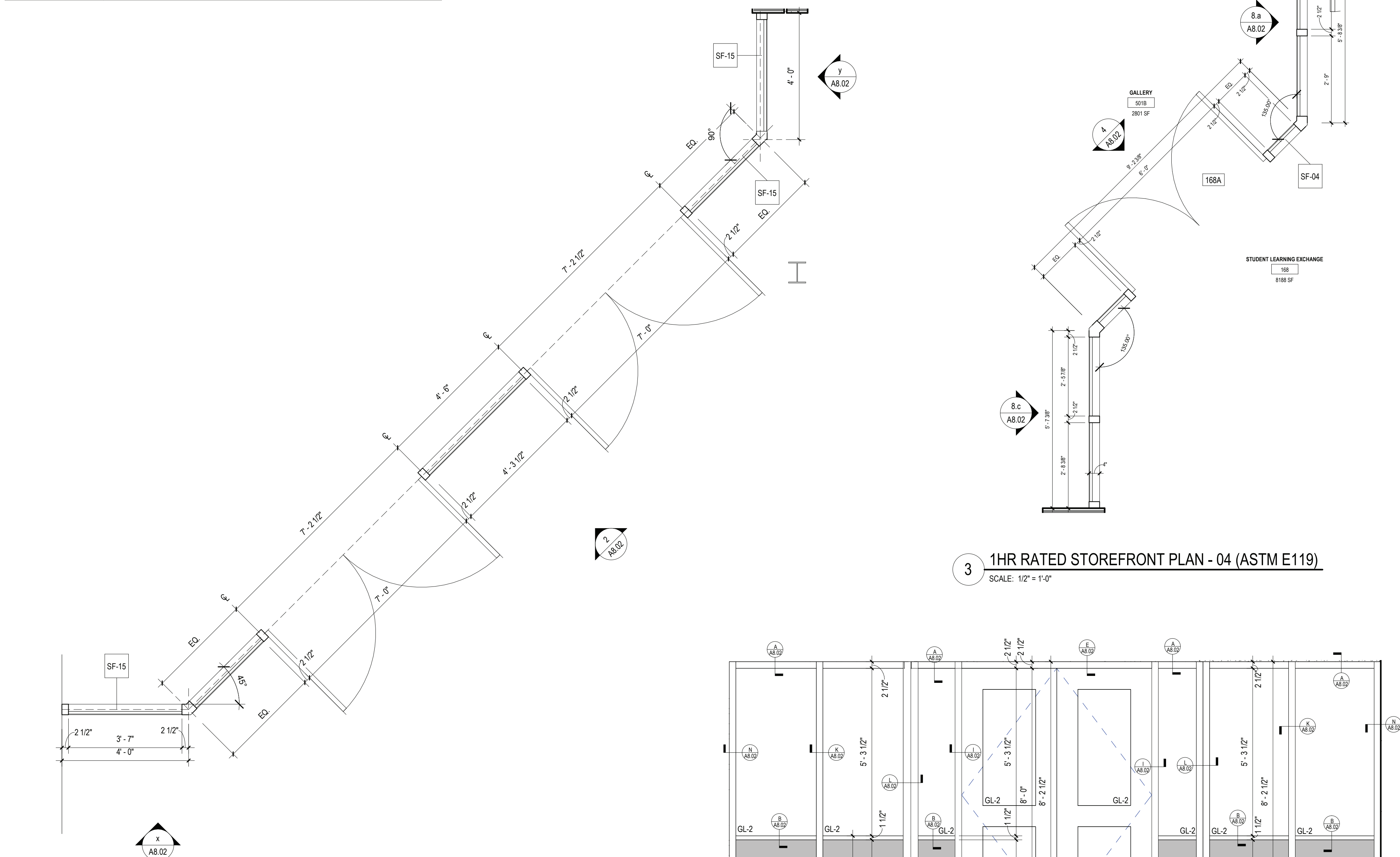


DOOR SCHEDULE																									
VV	LOCATION		SIGNAGE	DOOR										FRAME		HARDWARE	DETAILS				FIRE RATING	REMARKS	DOOR NO.		
	FROM ROOM	TO ROOM		LEAF	WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	GLAZING	TYPE	MATERIAL	GLAZING	HEAD	JAMB		SILL	THOLD							
1	CORRIDOR (C)	OFFICE (1)		1	8'-7"	8'-6"	0"			---	F2	HM	---		J5		P	---						1	
2	STUDENT LEARNING EXCHANGE (168)	OFFICE (2)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-01	ALUM	GL-1		E	I/U	P	---						2	
3	OFFICE (3)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-01	ALUM	GL-1		E	I/U	P	---						3	
4	STUDENT LEARNING EXCHANGE (168)	OFFICE (4)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-01	ALUM	GL-1		E	I/U	P	---						4	
5	STUDENT LEARNING EXCHANGE (168)	OFFICE (5)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-12	ALUM	GL-1		E	I/U	P	---						5	
6	OFFICE (6)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-13	ALUM	GL-1		E	I/U	P	---						6	
7	STUDENT LEARNING EXCHANGE (168)	OFFICE (7)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-07	ALUM	GL-1		E	I/U	P	---						7	
8	STUDENT LEARNING EXCHANGE (168)	OFFICE (8)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						8	
9	OFFICE (9)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						9	
10	STUDENT LEARNING EXCHANGE (168)	OFFICE (10)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						10	
11	OFFICE (11)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						11	
12	OFFICE (12)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-14	ALUM	GL-1		E	I/U	P	---						12	
13	OFFICE (13)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						13	
14	OFFICE (14)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						14	
15	OFFICE (15)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						15	
16	OFFICE (16)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						16	
17	STUDENT LEARNING EXCHANGE (168)	OFFICE (17)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						17	
18	OFFICE (18)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-03	ALUM	GL-1		E	I/U	P	---						18	
19	OFFICE (19)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-01	ALUM	GL-1		E	I/U	P	---						19	
20	OFFICE (20)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-01	ALUM	GL-1		E	I/U	P	---						20	
100A	GALLERY (501B)	CORRIDOR (F)		2	3'-6"	7'-0"	1 3/4"	D2	WD	F.L.P.	F2	HM	---		H6	J6		T4		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE, ELECTROMAGNETIC HOLDER AND CLOSER		100A		
100B	CORRIDOR (L)	CORRIDOR (F)		2	3'-6"	7'-0"	1 3/4"	D2	WD	F.L.P.	F2	HM	---		H4	J4		T4		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE, ELECTROMAGNETIC HOLDER AND CLOSER		100B		
100C	STUDENT LEARNING EXCHANGE (168)	CORRIDOR (E)		2	3'-0"	7'-0"	1 3/4"	D2	WD	F.L.P.	F2	HM	---		H4	J4		T3		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		100C		
100D	CORRIDOR (E)	STUDENT LEARNING EXCHANGE (168)		2	3'-0"	7'-0"	1 3/4"	D2	WD	F.L.P.	F2	HM	---		H4	J4		T3		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		100D		
107	QUIET ROOM (107)	CORRIDOR (L)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						107	
108A	CORRIDOR (L)	AMPHITHEATER (108)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	TEMP	SF-28	F.B.C	GL-2		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		108A		
108B	STUDENT LEARNING EXCHANGE (168)	AMPHITHEATER (108)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	TEMP	SF-02	F.B.C	GL-1		E	I/U	P	---						108B	
109C	AMPHITHEATER (109)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	F1	F.B.C	GL-1		H4	J4		P						109C	
109B	PRINCIPAL (109B)	CORRIDOR (E)		1	3'-0"	7'-0"	1 3/4"	D2	AWD	TEMP	F1	HM	---		H4	J4		T4		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		109B		
111A	GALLERY (501B)	UNISEX ADA RESTROOM (111A)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						111A	
111B	GALLERY (501B)	UNISEX RESTROOM (111B)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						111B	
111C	GALLERY (501B)	UNISEX RESTROOM (111C)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						111C	
111D	GALLERY (501B)	STAFF ADA UNISEX RESTROOM (111D)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						111D	
112A	STUDENT LEARNING EXCHANGE (168)	FLEX SPACE (112)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-02	ALUM	GL-1		E	I/U	P	---						112A	
112B	FLEX SPACE (112)	CORRIDOR (L)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-28	F.B.C	GL-2		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		112B		
113A	CORRIDOR (B)	SCIENCE RESEARCH LAB (113)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-27	F.B.C	GL-2	01	E	I/U	P	---		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		113A		
113B	SCIENCE RESEARCH LAB (113)	CORRIDOR (B)		1	3'-1"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-27	F.B.C	GL-2	01	E	I/U	P	---		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		113B		
114A	COLLEGE CONF (114)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-1	SF-08	ALUM	GL-1		E	I/U	P	---						114A	
114B	CORRIDOR (E)	COLLEGE CONF (114)		1	3'-0"	7'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-28	F.B.C	GL-2		E	I/U	P	---						114B	
115	STUDENT LEARNING EXCHANGE (168)	MATH LAB (115)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	F.L.P.	SF-18	ALUM	GL-1		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		115		
116	WRITING LAB (116)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	TEMP	SF-17	ALUM	GL-1		E	I/U	P	---						116	
117	STUDENT LEARNING EXCHANGE (168)	CLASSROOM (117)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	TEMP	SF-01	ALUM	GL-1		E	I/U	P	---						117	
118A	CORRIDOR (E)	ST (118)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		118A		
118B	STUDENT LEARNING EXCHANGE (168)	ST (118)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4						118B	
119	ST (119)	CORRIDOR (E)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		119		
120	ROBOTICS/ENGINEERING (121)	FAB LAB PHOTOGRAPHY (120)		1	3'-0"	7'-0"	1 3/4"	D3	HM	GL-2	F1	HM	---		H4	J4		T4		90 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		120		
120A	FAB LAB PHOTOGRAPHY (120)	ST (120A)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		120A		
121	ROBOTICS/ENGINEERING (121)	CORRIDOR (D)		1	3'-0"	7'-0"	1 3/4"	D3	HM	GL-2	F1	HM	---		H4	J4		T4		90 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		121		
121A	ROBOTICS/ENGINEERING (121)	ST (121A)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4		90 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		121A		
125	GUIDANCE (125)	CORRIDOR (B)		1	3'-0"	7'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-02	F.B.C	GL-2		E	I/U	P	---		45 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		125		
157	CORRIDOR (C)	SEC. (157)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		HIH2	J2		T4						157	
158	BOYS TOILET (158)	CORRIDOR (C)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						158	
159	CORRIDOR (C)	STOR. (159)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		HIH2	J2		T4						159	
160	CORRIDOR (C)	GIRLS TOILET (160)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						160	
164	TECH (164)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	TEMP	SF-16	ALUM	GL-1		E	I/U	P	---						164	
165	TECH (164)	TECH. (165)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T4						165	
166	STUDENT LEARNING EXCHANGE (168)	STORAGE (166)		1	3'-0"	7'-0"	1 3/4"	D2	AWD	TEMP	F1	HM	---		H4	J4		T4						166	
167	STUDENT LEARNING EXCHANGE (168)	STORAGE (167)		1	3'-0"	7'-0"	1 3/4"	D2	AWD	TEMP	F1	HM	---		H4	J4		T4						167	
168A	STUDENT LEARNING EXCHANGE (168)	GALLERY (501B)		2	6'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-04	F.B.C	GL-2		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		168A		
168B	STUDENT LEARNING EXCHANGE (168)	CORRIDOR (B)		2	7'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-09	F.B.C	GL-2		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		168B		
168D	CORRIDOR (E)	STUDENT LEARNING EXCHANGE (168)		1	3'-0"	8'-0"	1 3/4"	D4	ALUM/GLASS	GL-2	SF-28	F.B.C	GL-2		E	I/U	P	---		60 MIN.	M.C.M.V. DOOR WITH KICK PLATE AND CLOSER		168D		
181A	GALLERY (501B)	UNISEX ADA RESTROOM (181A)		1	3'-0"	7'-0"	1 3/4"	D1	HM	---	F1	HM	---		H4	J4		T2						181A	
181B	UNISEX RESTROOM (181B)	GALLERY (501B)																							





<u>STOREFRONT &amp; WINDOW GLAZING LEGEND</u>	
GL-1	SINGLE PANEL TEMPERED GLAZING - PER PROJECT MANUAL NO RATED ALUMINUM MULLIONS
GL-2	RATED SINGLE PANEL GLAZING - PER PROJECT MANUAL & DOOR SCHEDULE 1HR RATED ALUMINUM MULLIONS WITH FIRE BARRIER COMPOSITE
GL-3	HIGH PERFORMANCE INSULATING DOUBLE GLAZING - PER PROJECT MANUAL INSULATED ALUMINUM MULLIONS
GL-4	HIGH PERFORMANCE SPANDREL DOUBLE GLAZING - PER PROJECT MANUAL INSULATED ALUMINUM MULLIONS
PNL-1	COMPOSITE PANEL - PER PROJECT MANUAL NO RATED ALUMINUM MULLIONS
PNL-2	RATED COMPOSITE PANEL - PER PROJECT MANUAL & DOOR SCHEDULE 1HR RATED ALUMINUM MULLIONS WITH FIRE BARRIER COMPOSITE



REV.	DATE	ITEM
1		

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STOREFRONT PLANS AND DETAILS

10

DRWG. BY:	J.N.
CHK. BY:	G.E.O.

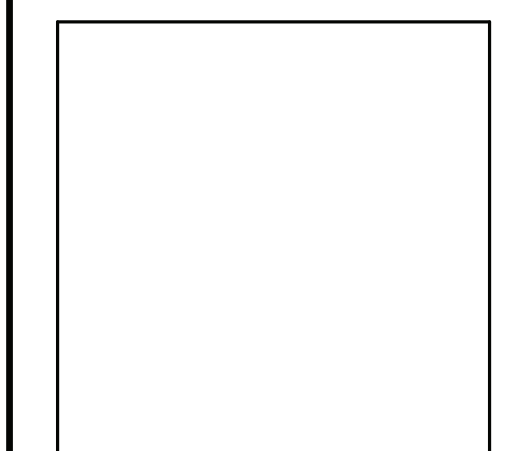
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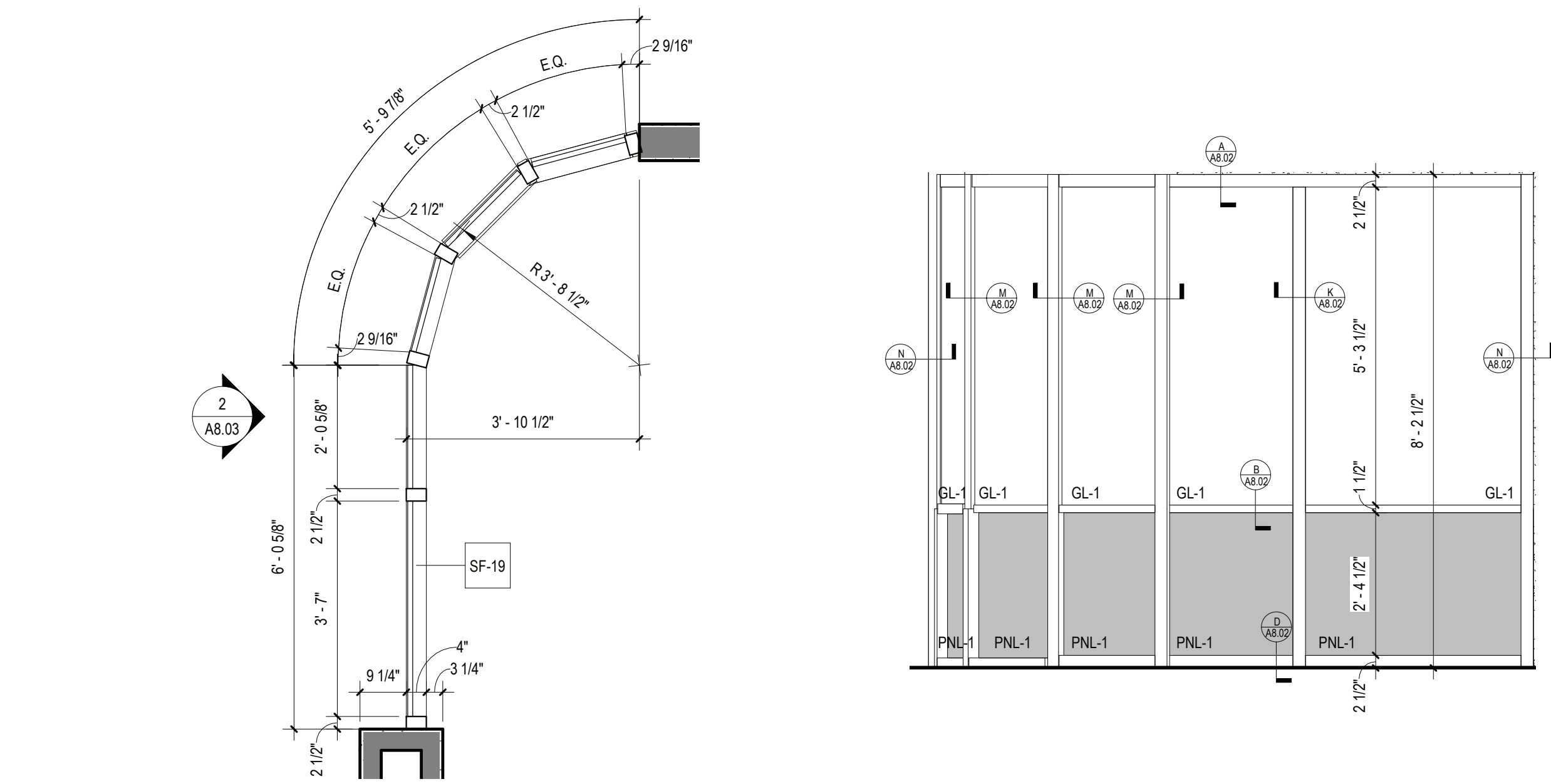
<b>DWG TITLE</b>	STOREFRONT PLANS AND DETAILS
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DATE: \_\_\_\_\_

BID P/U DATE:	11/14/2022
FILE NO.	21-274C

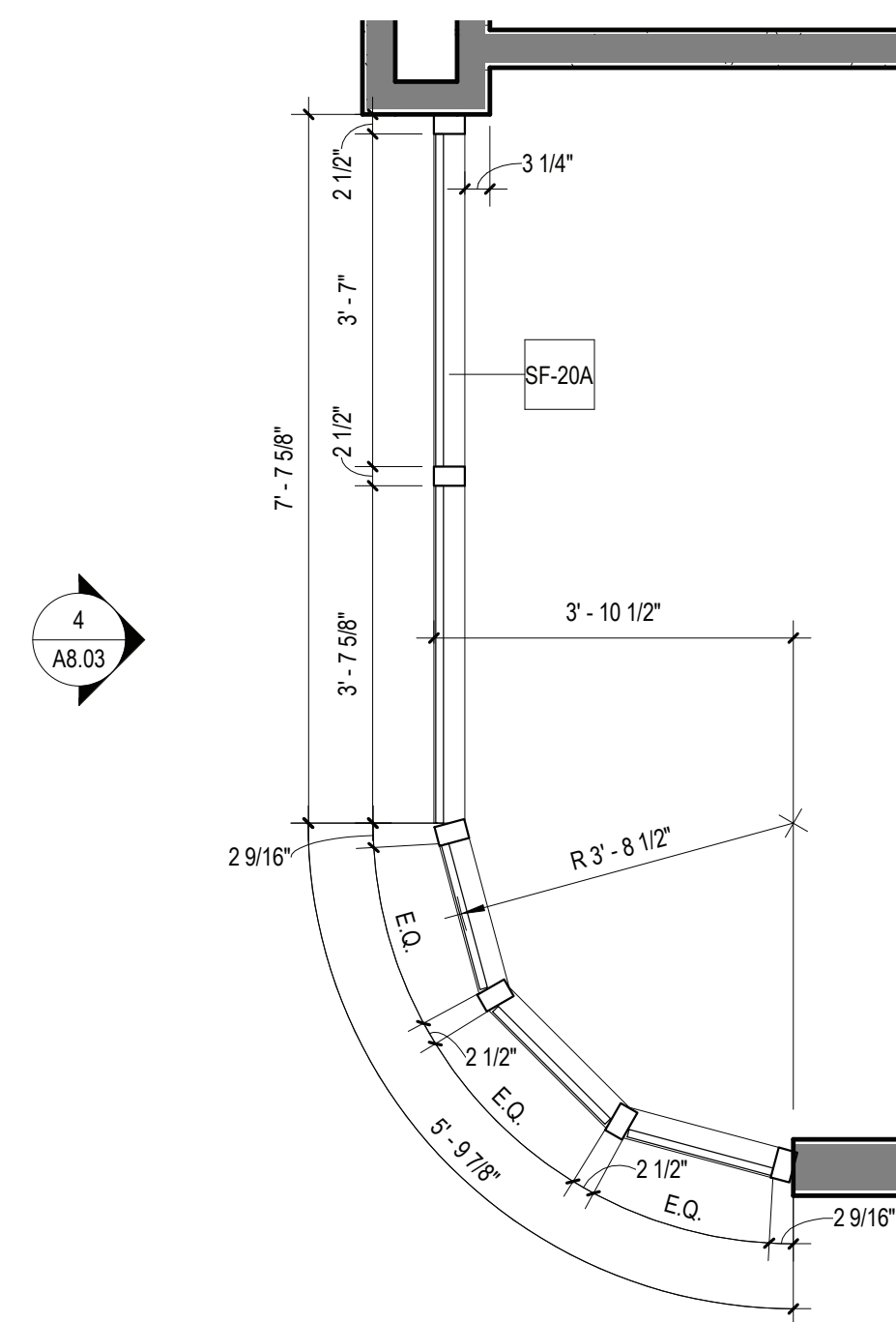
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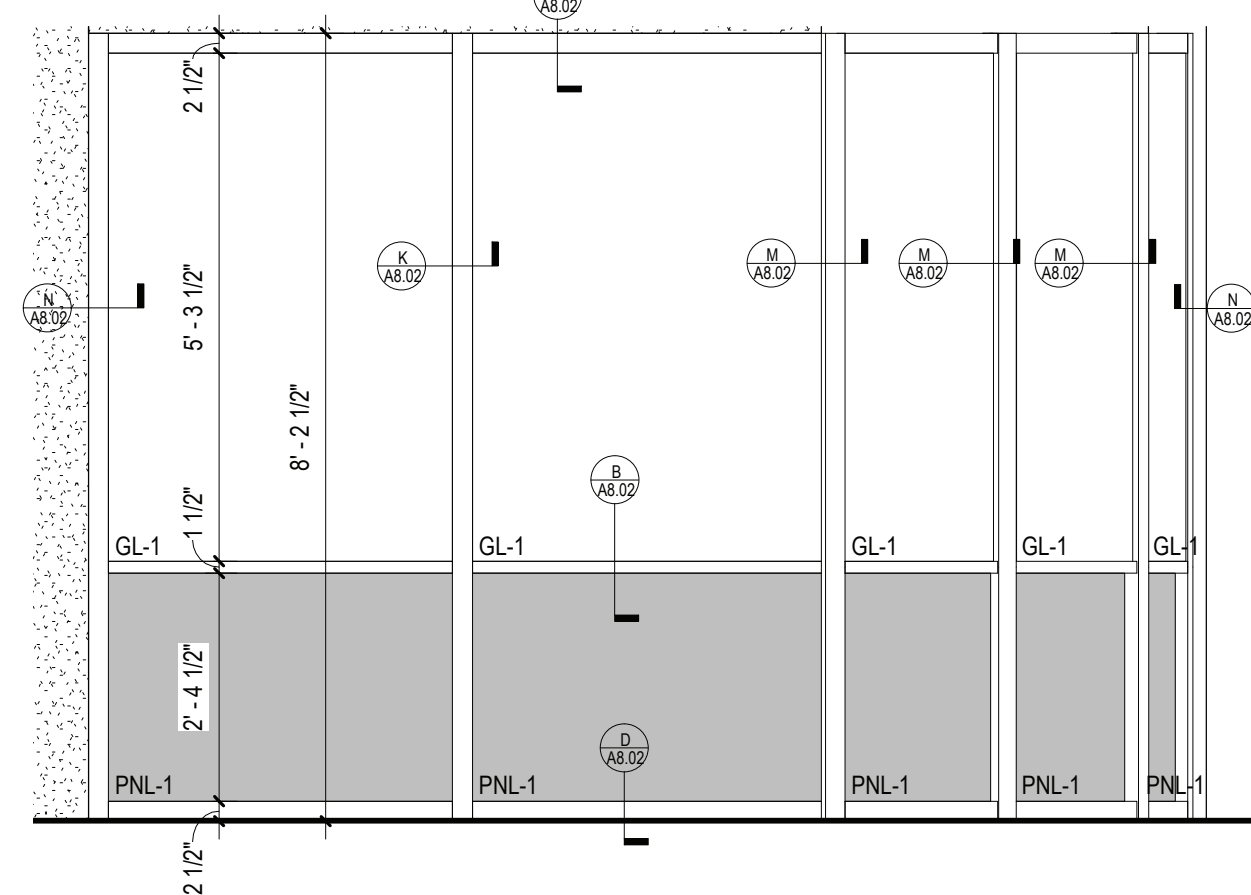


1 STOREFRONT PLAN - 19  
SCALE: 1/2" = 1'-0"

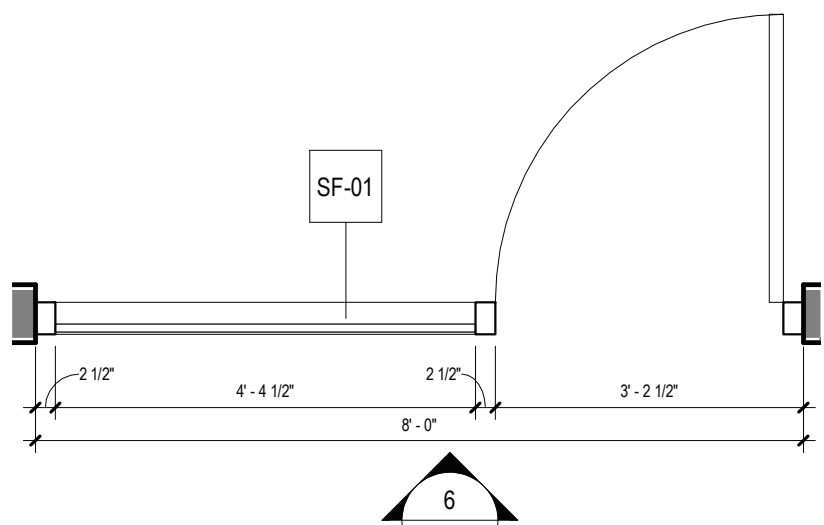
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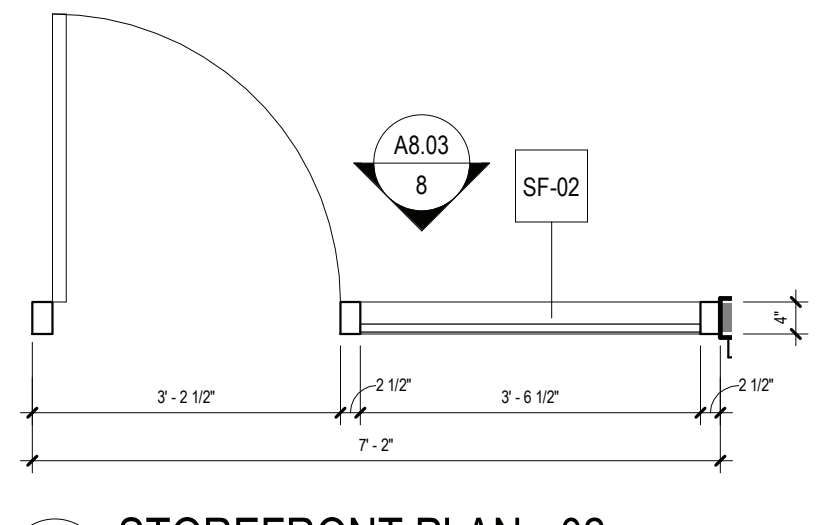
3 STOREFRONT PLAN - 20  
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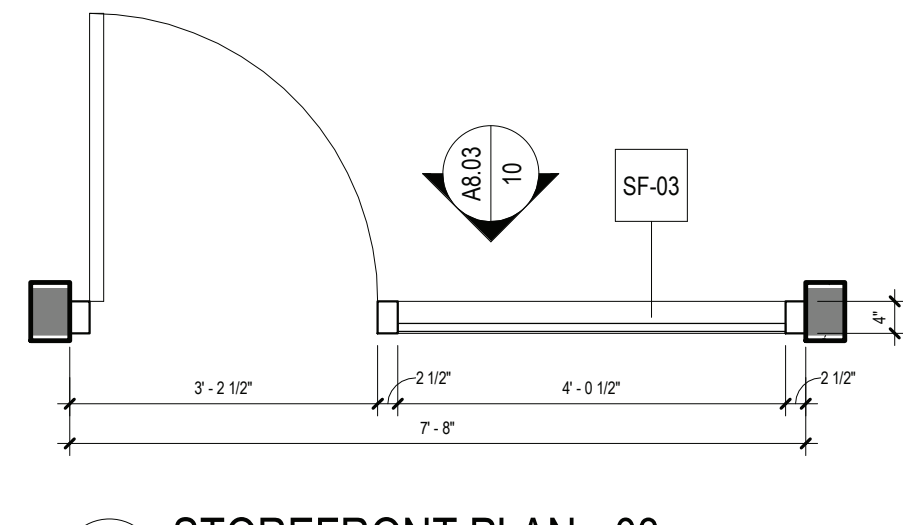
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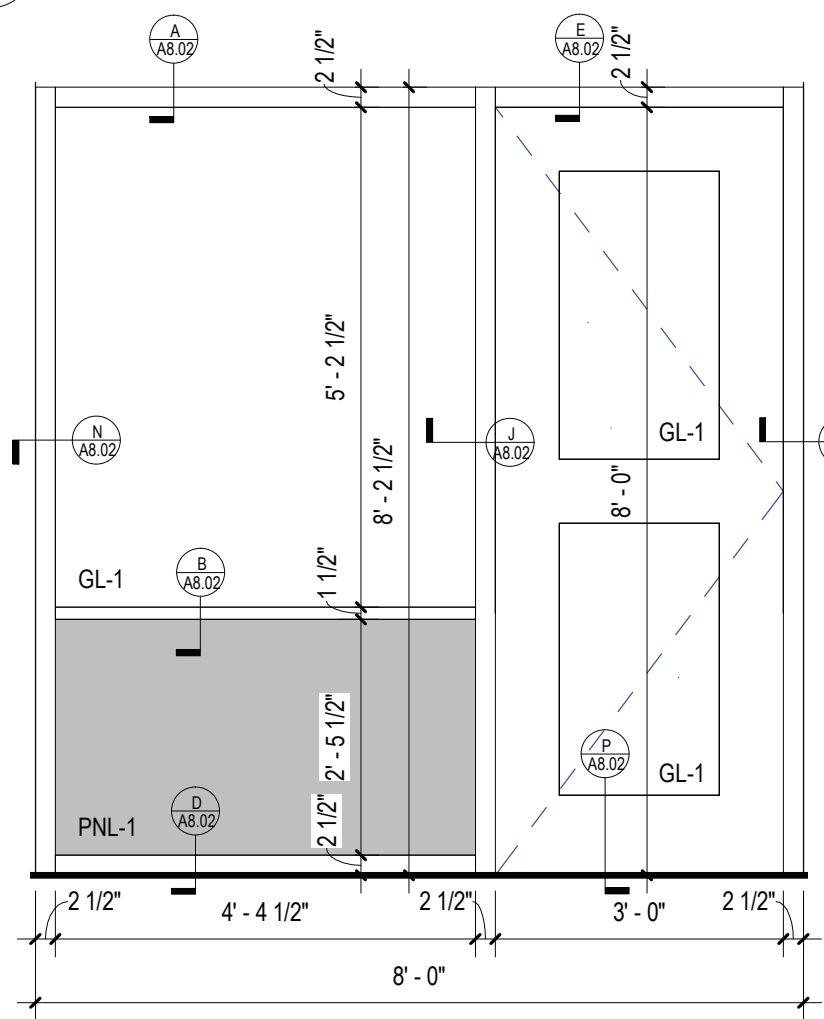
5 STOREFRONT PLAN - 01  
SCALE: 1/2" = 1'-0"



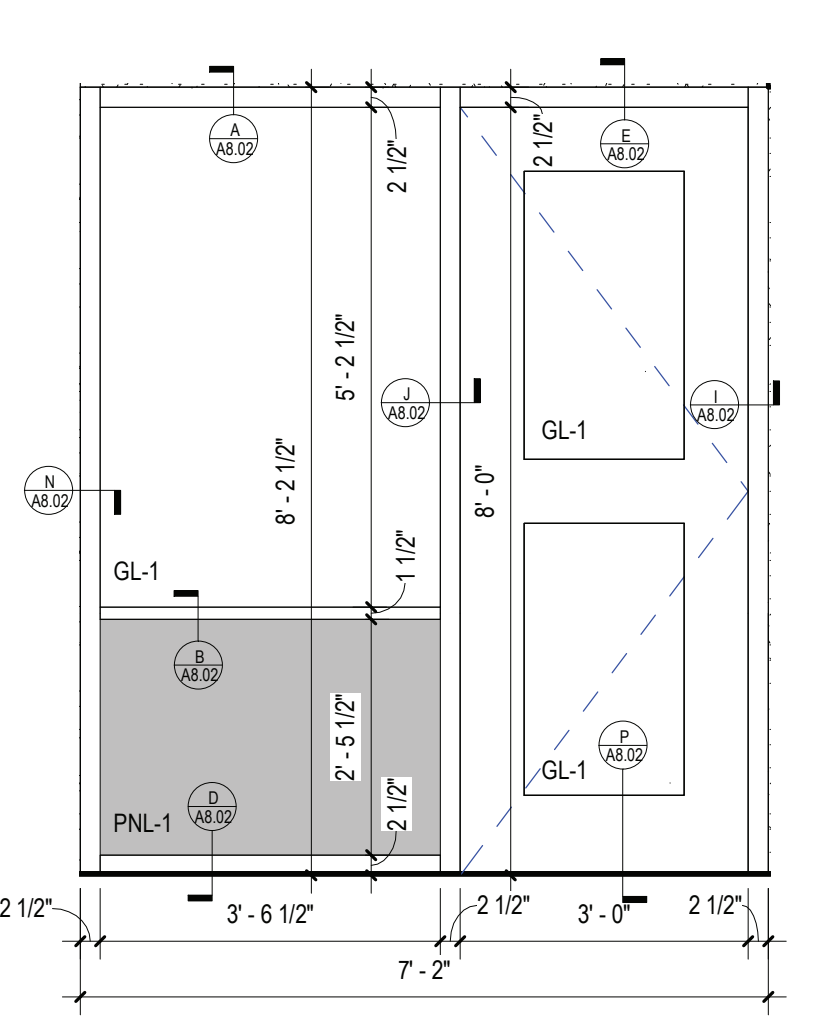
7 STOREFRONT PLAN - 02  
SCALE: 1/2" = 1'-0"



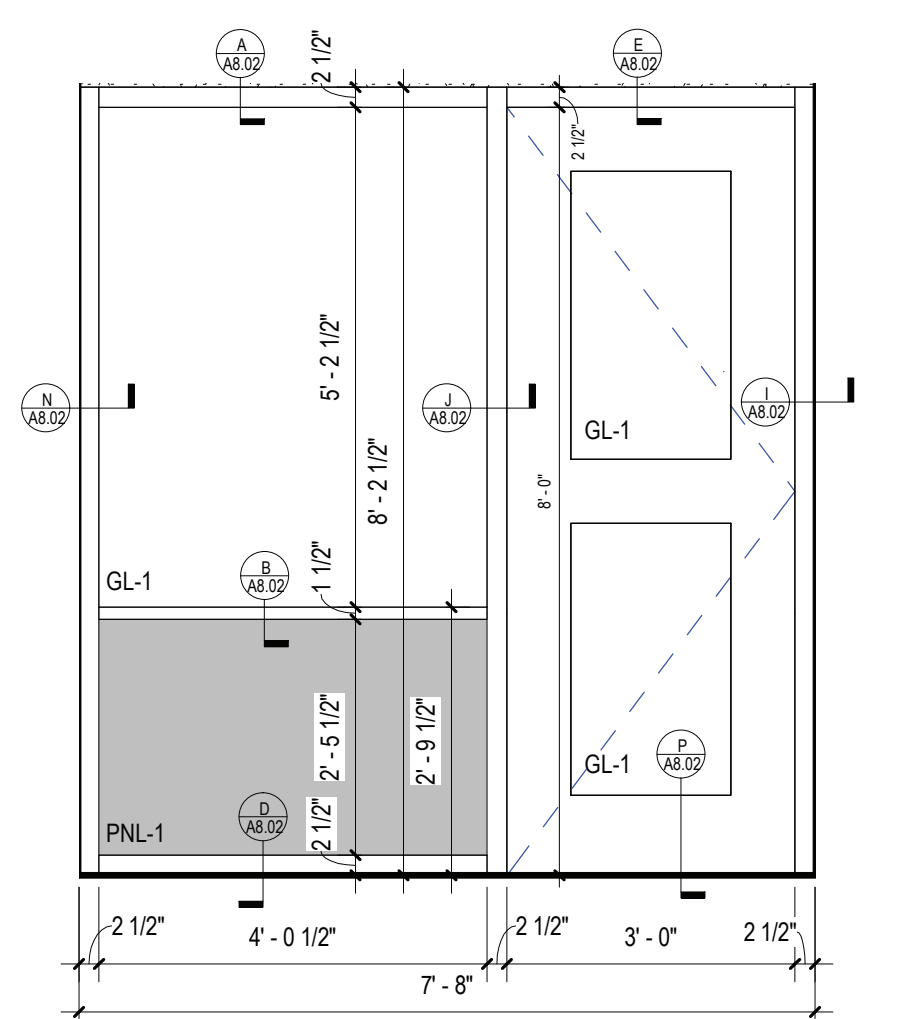
9 STOREFRONT PLAN - 03  
SCALE: 1/2" = 1'-0"



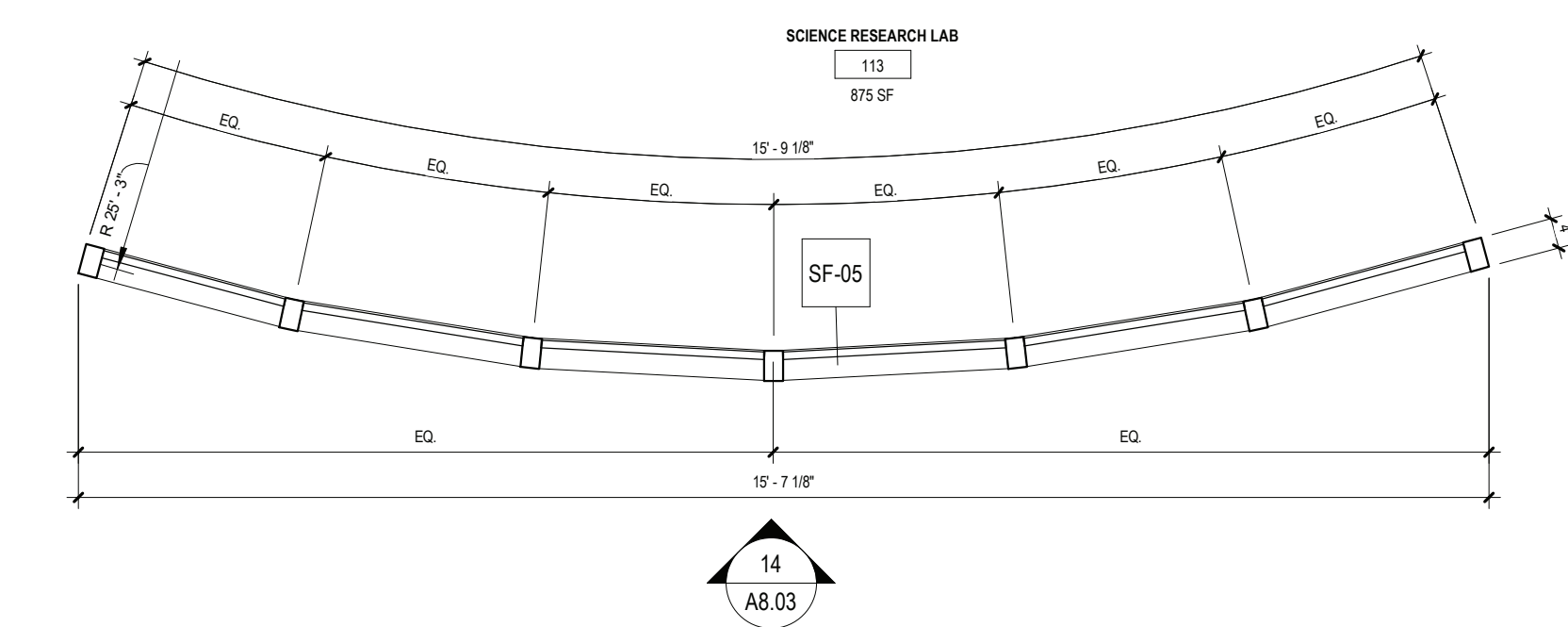
6 STOREFRONT - 01 ELEVATION  
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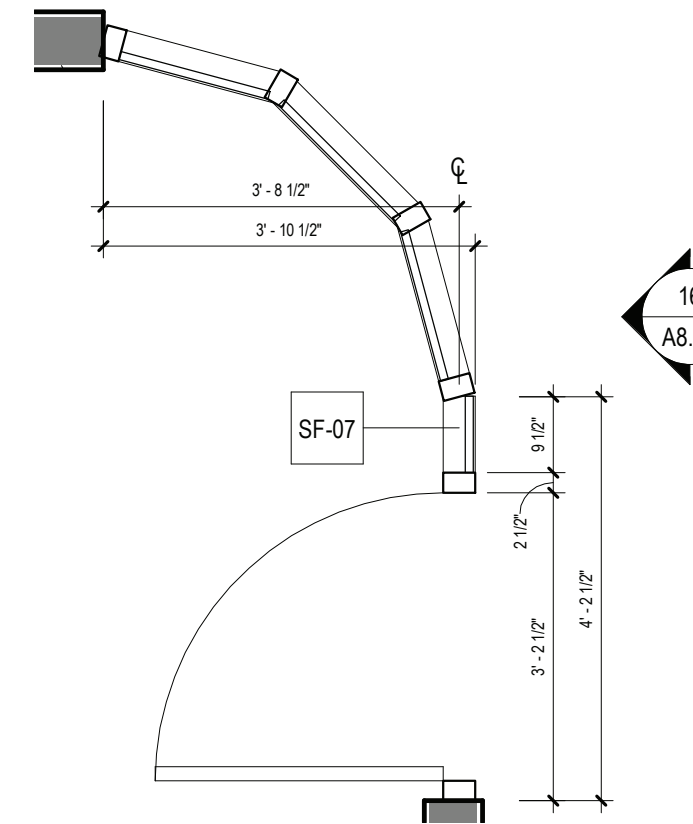
8 STOREFRONT - 02 ELEVATION  
SCALE: 1/2" = 1'-0"



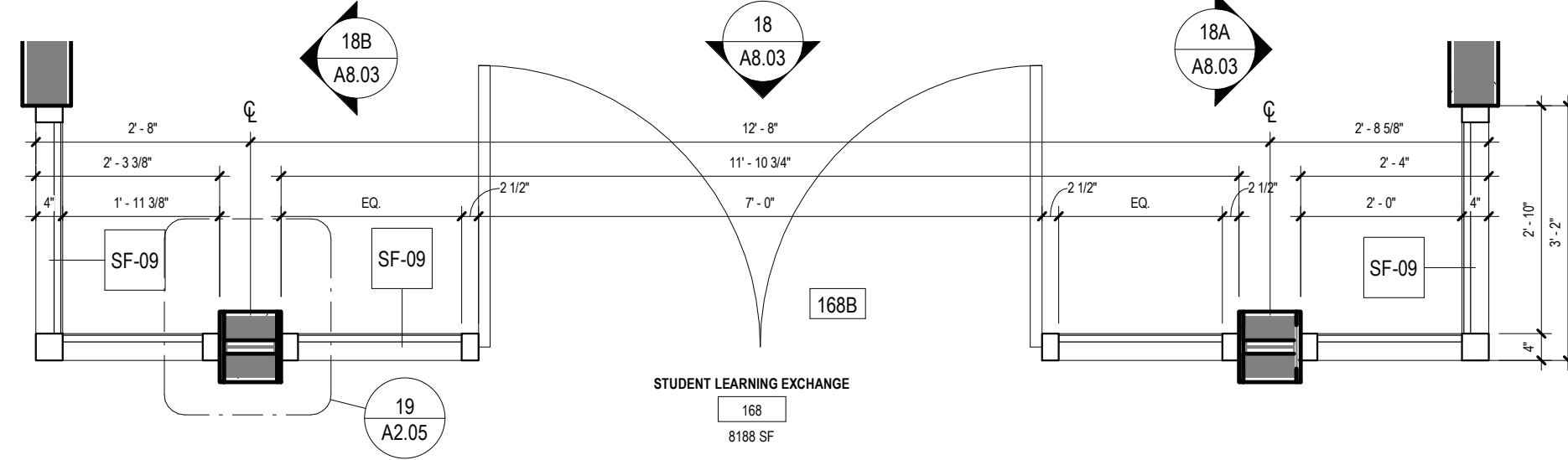
10 STOREFRONT - 03 ELEVATION  
SCALE: 1/2" = 1'-0"



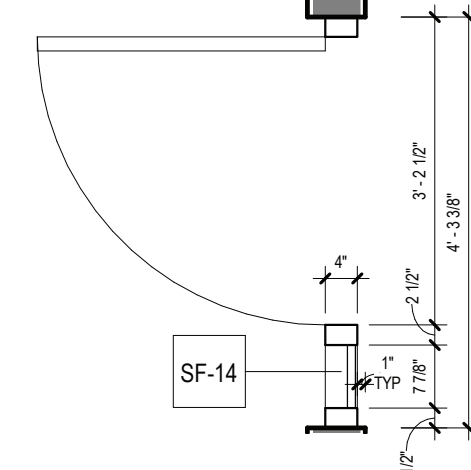
13 1HR RATED STOREFRONT PLAN - 05 (ASTM E119)  
SCALE: 1/2" = 1'-0"



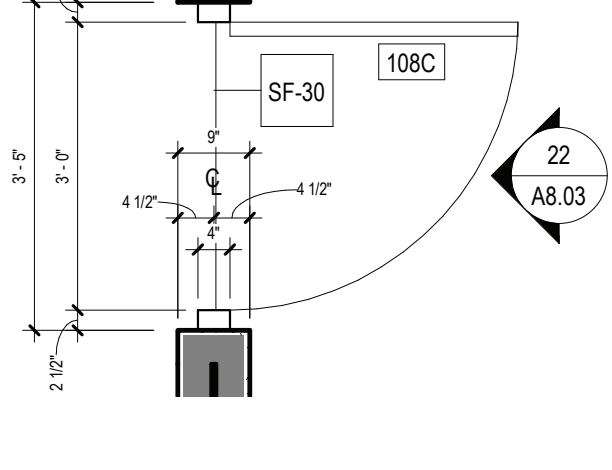
15 STOREFRONT PLAN - 07  
SCALE: 1/2" = 1'-0"



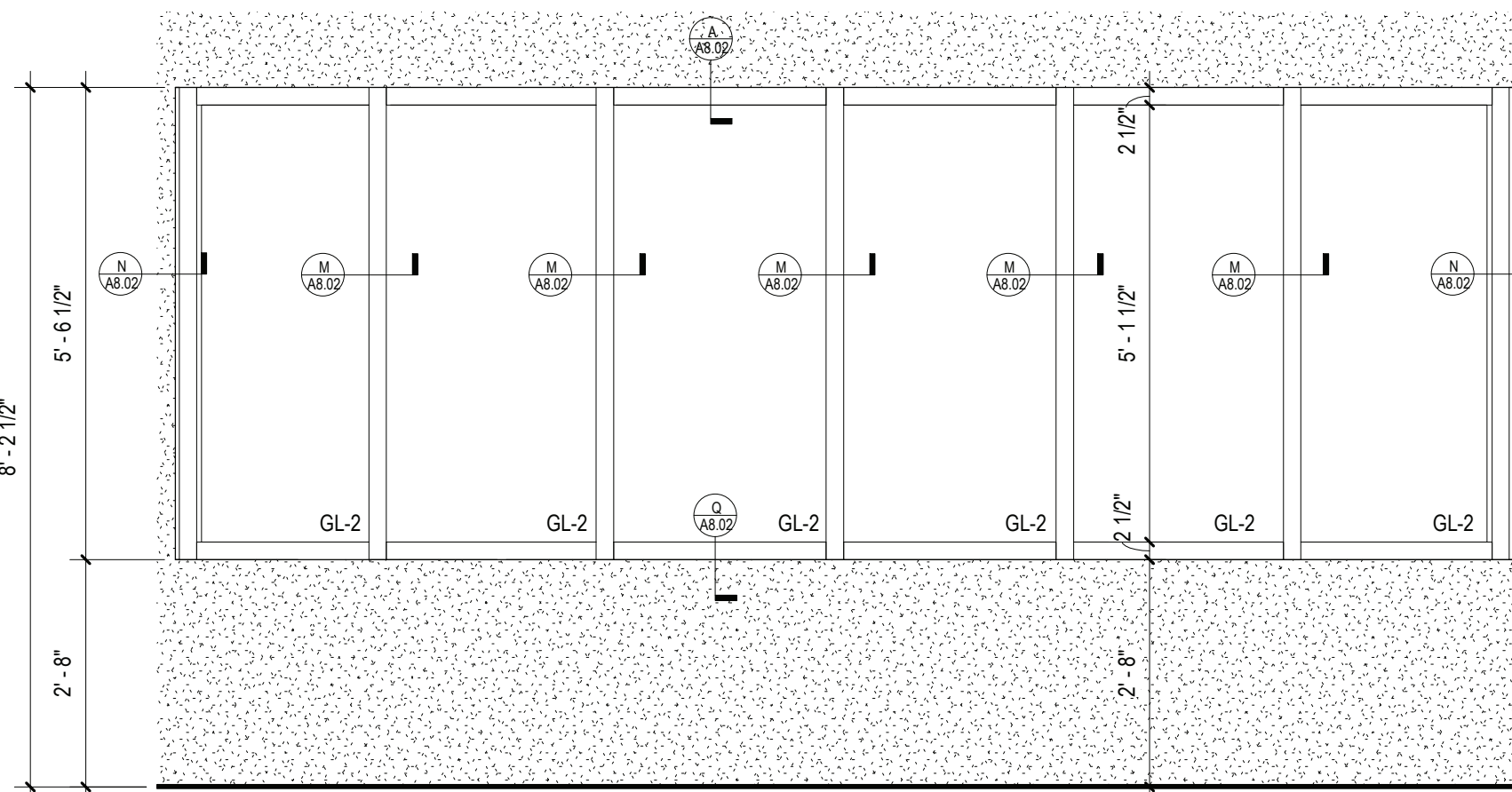
17 STOREFRONT PLAN - 09  
SCALE: 1/2" = 1'-0"



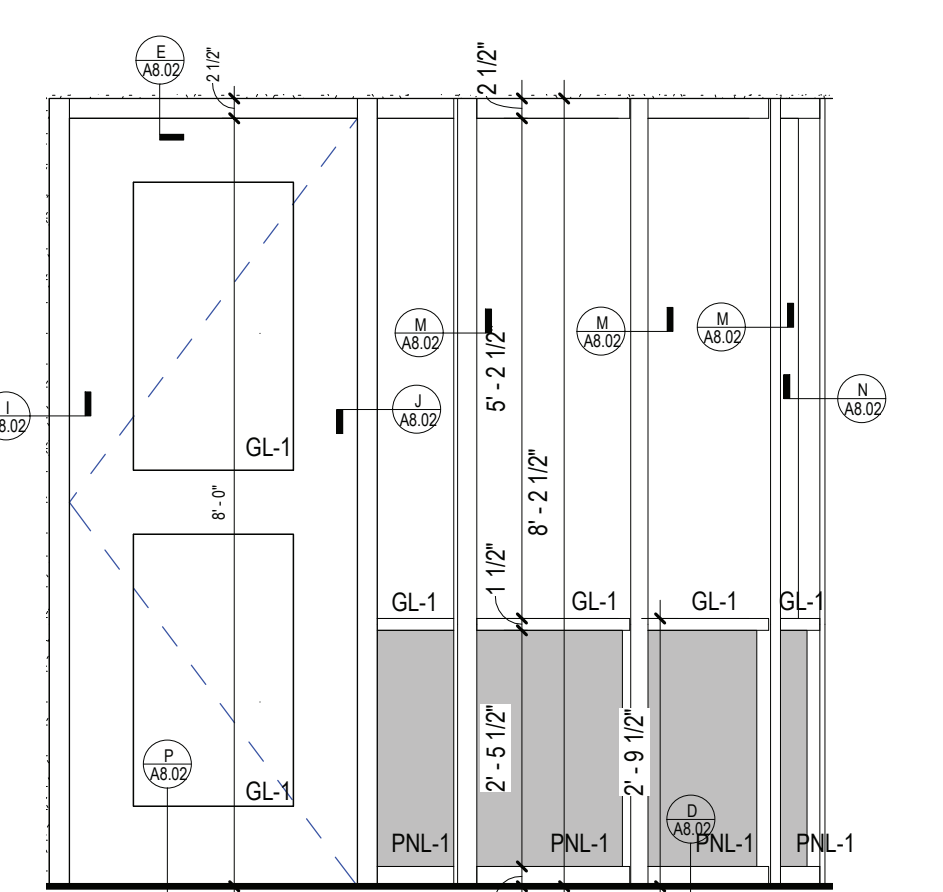
19 STOREFRONT PLAN - 14  
SCALE: 1/2" = 1'-0"



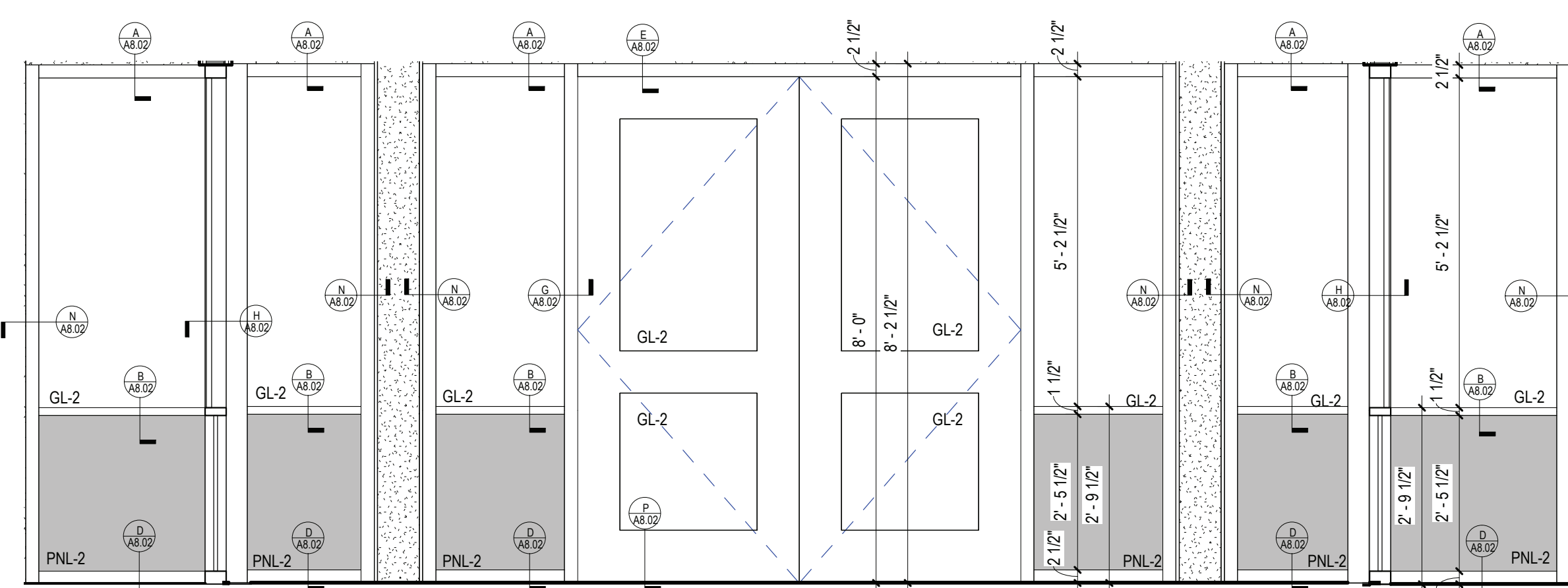
21 STOREFRONT PLAN - 30  
SCALE: 1/2" = 1'-0"



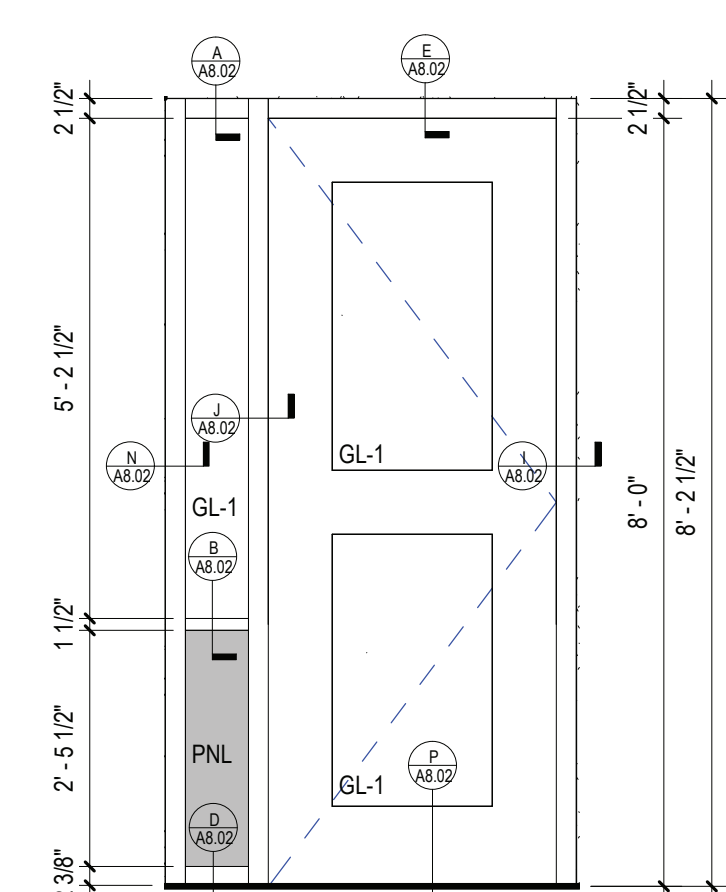
14 STOREFRONT - 05 ELEVATION  
SCALE: 1/2" = 1'-0"



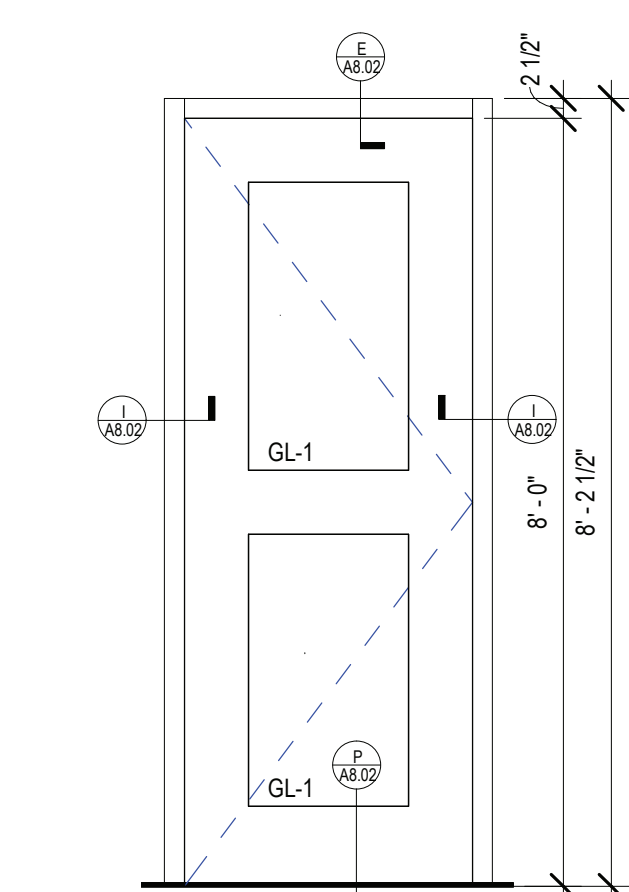
16 STOREFRONT - 07 ELEVATION  
SCALE: 1/2" = 1'-0"



18 1HR RATED STOREFRONT - 09 ELEVATION 2 (ASTM E 119)  
SCALE: 1/2" = 1'-0"



20 STOREFRONT - 14 ELEVATION  
SCALE: 1/2" = 1'-0"



22 STOREFRONT - 30 ELEVATION  
SCALE: 1/2" = 1'-0"

REV.	DATE	ITEM

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PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
STOREFRONT PLANS AND ELEVATIONS

DRWG. BY: J.N.  
CHK. BY: G.E.O.

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SER. NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE STOREFRONT PLANS AND ELEVATIONS

SCALE: AS NOTED

DATE: 11/14/2022

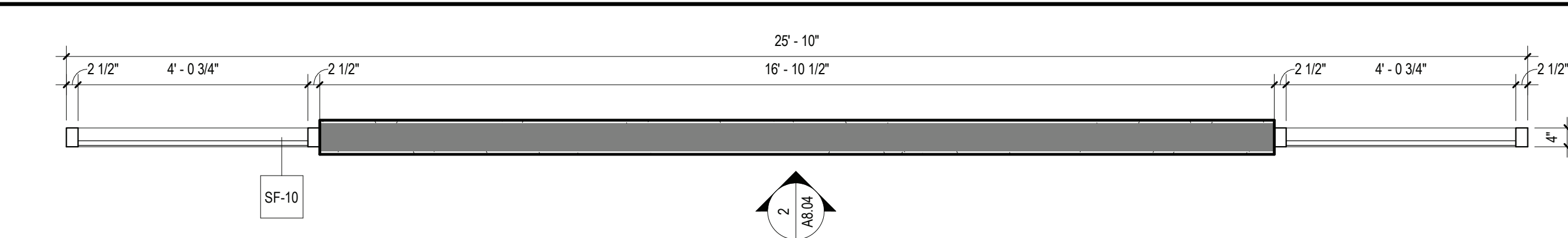
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FILE NO. 21-274C

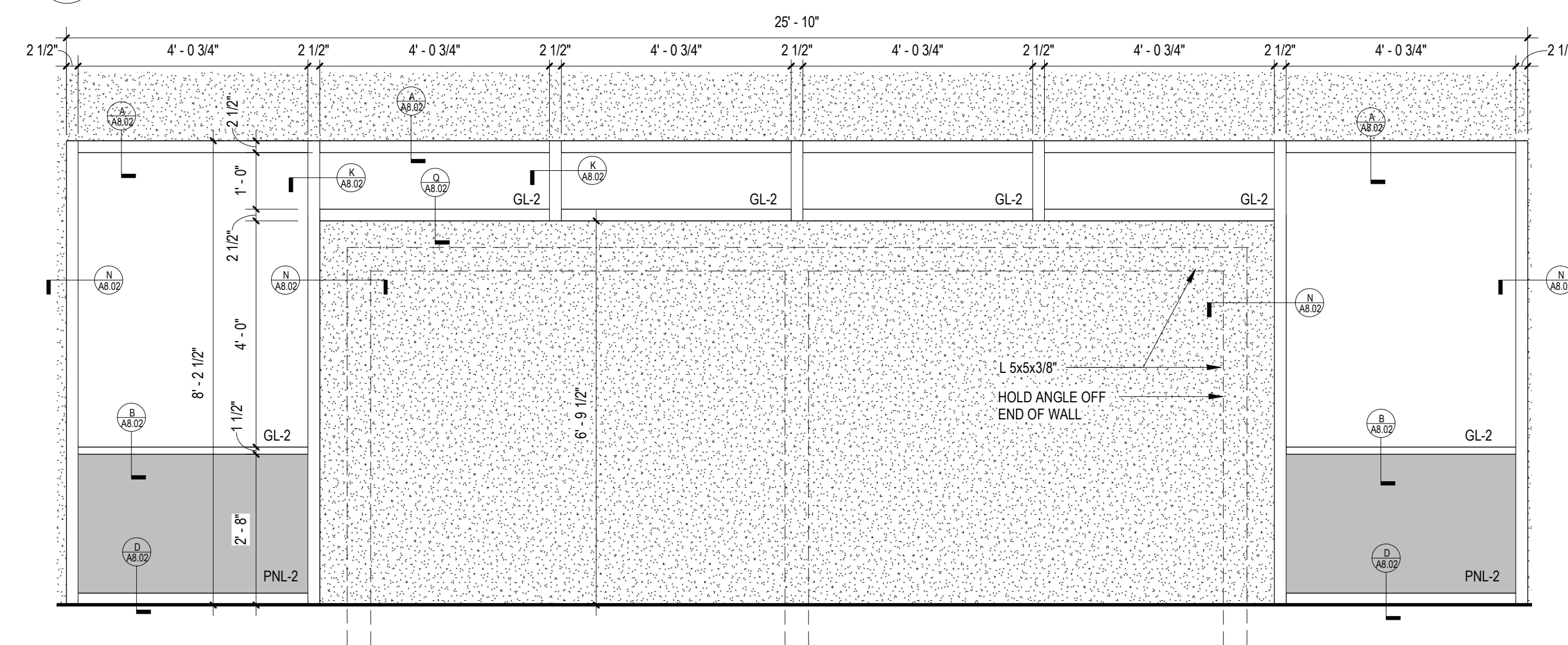
A8.03

HSMS

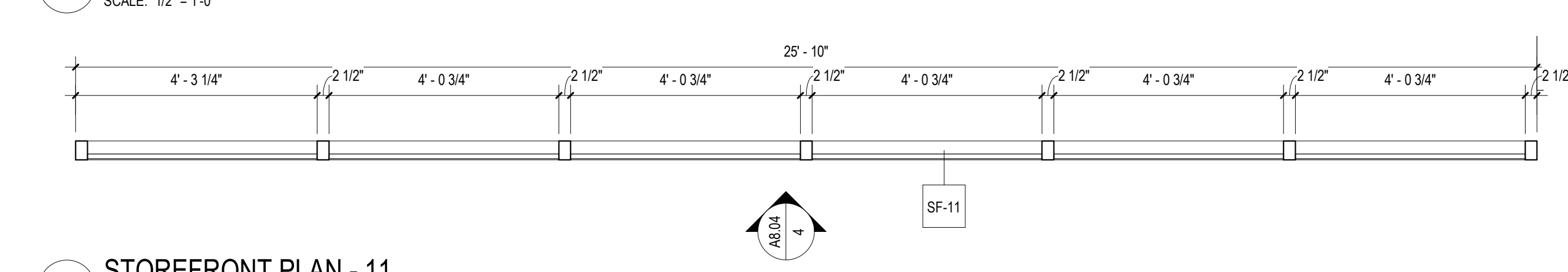




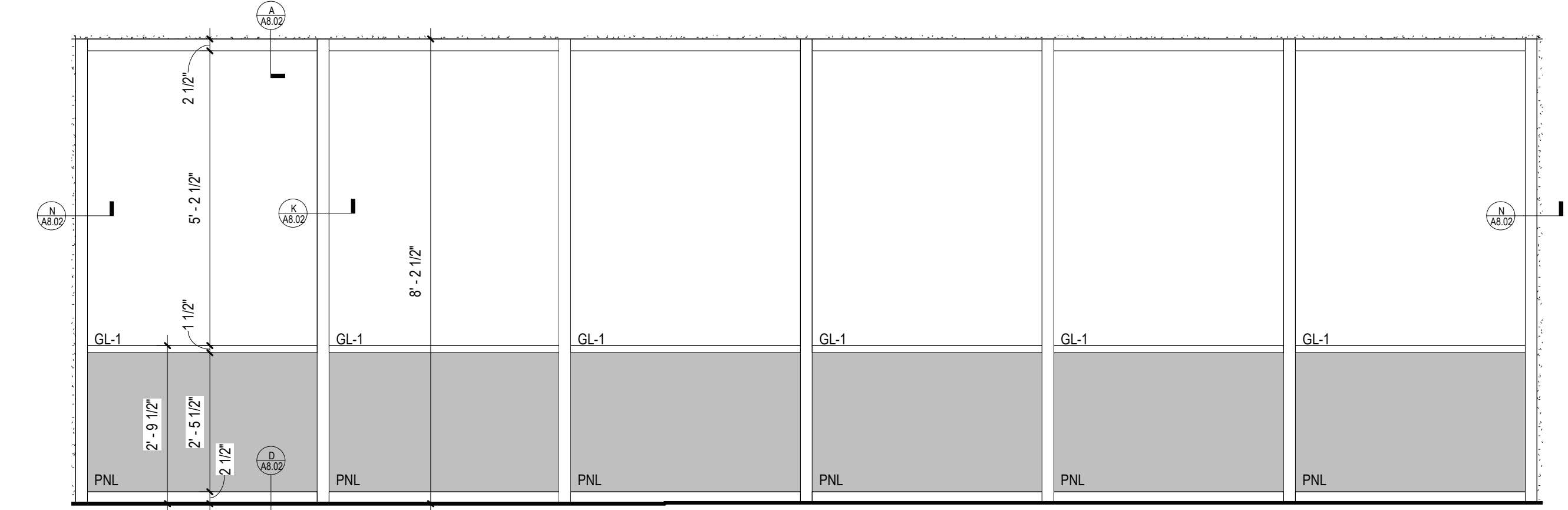
1 1HR RATED STOREFRONT PLAN - 10 (ASTM E119)  
SCALE: 1/2" = 1'-0"



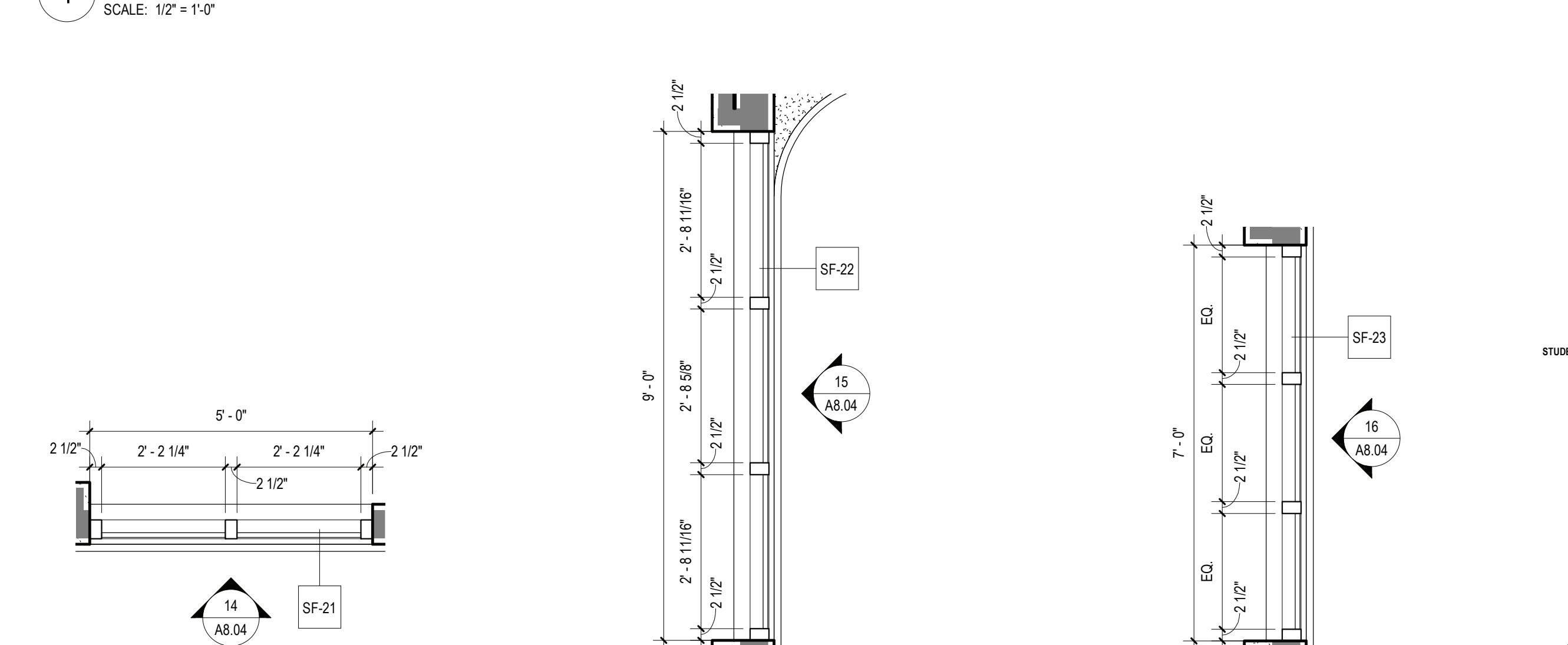
2 1HR RATED STOREFRONT - 10 ELEVATION (ASTM E 119)  
SCALE: 1/2" = 1'-0"



3 STOREFRONT PLAN - 11  
SCALE: 1/2" = 1'-0"



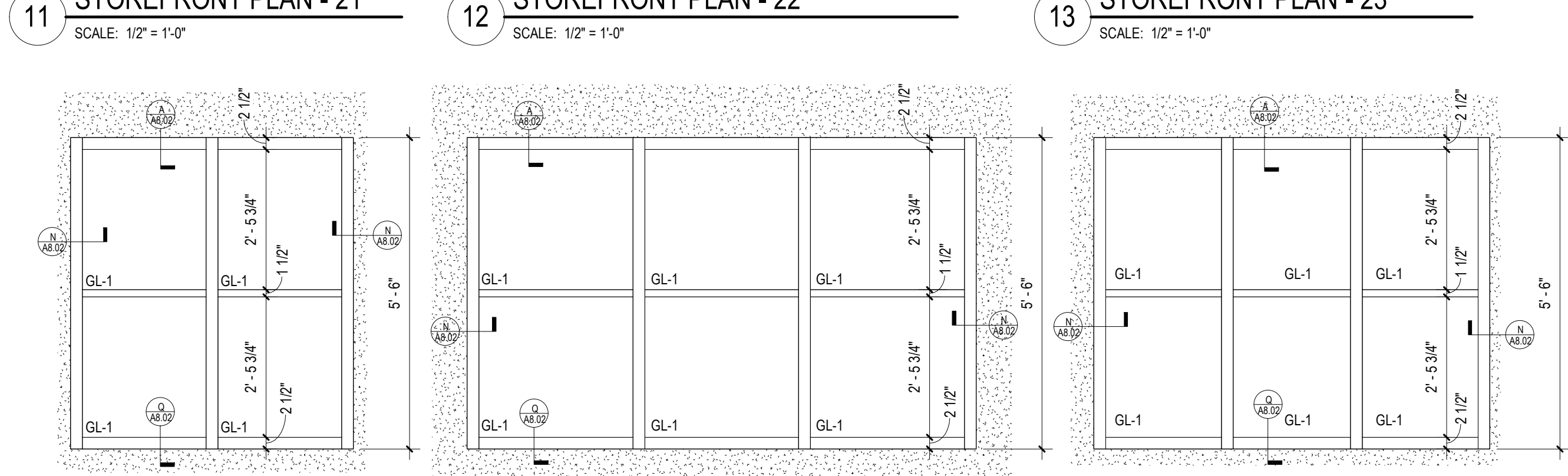
4 STOREFRONT - 11 ELEVATION  
SCALE: 1/2" = 1'-0"



11 STOREFRONT PLAN - 21  
SCALE: 1/2" = 1'-0"

12 STOREFRONT PLAN - 22  
SCALE: 1/2" = 1'-0"

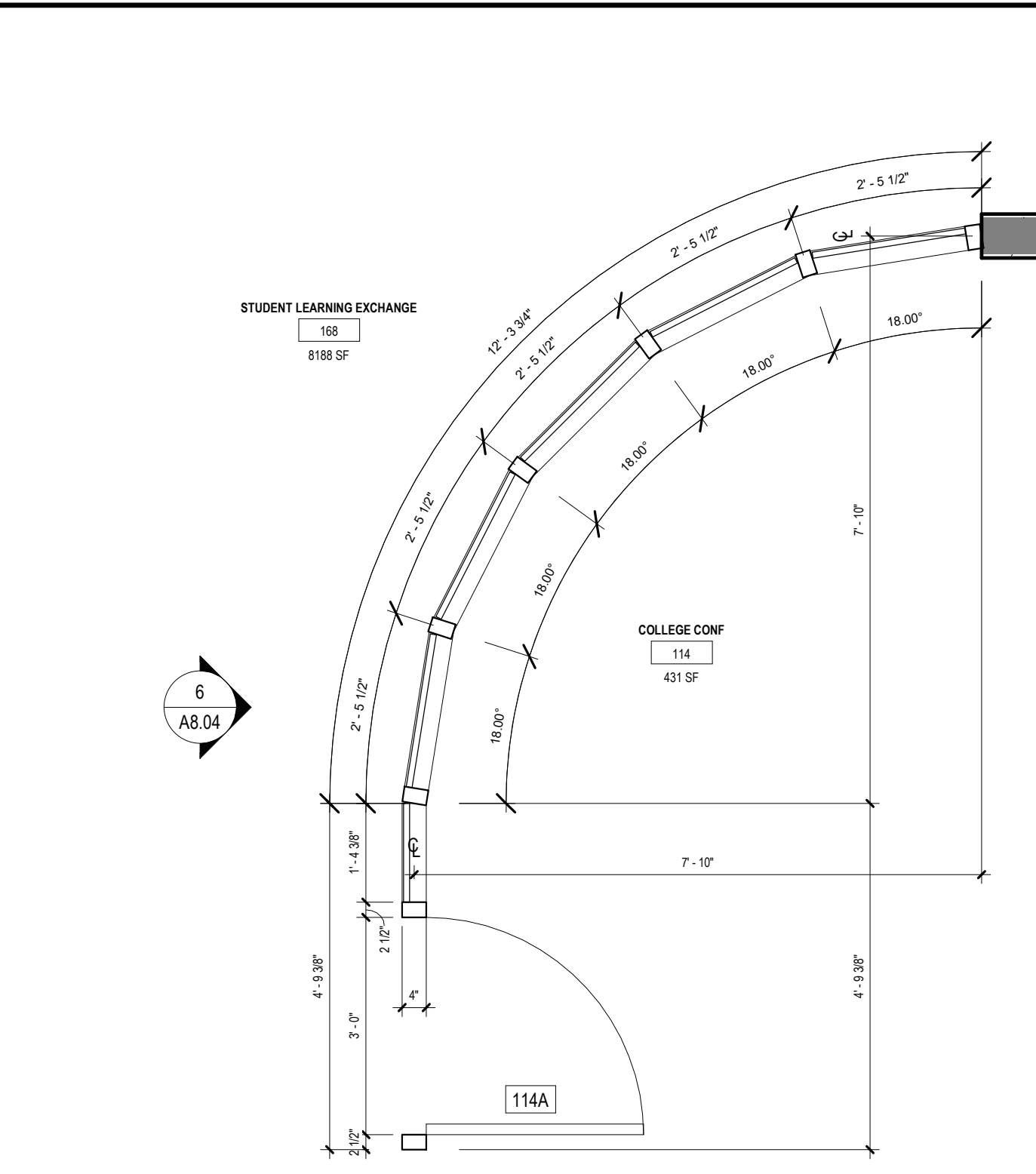
13 STOREFRONT PLAN - 23  
SCALE: 1/2" = 1'-0"



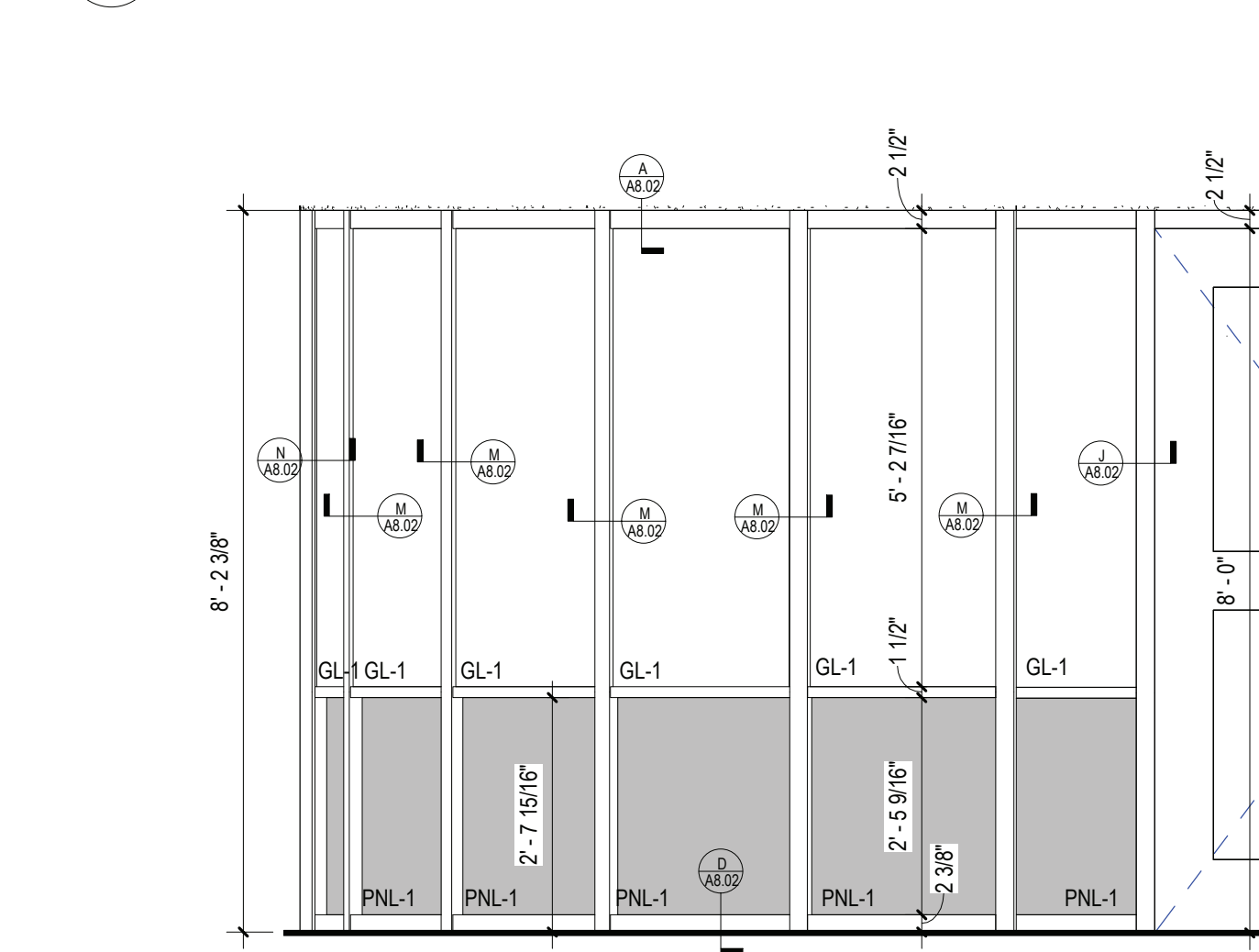
14 STOREFRONT - 21 ELEVATION  
SCALE: 1/2" = 1'-0"

15 STOREFRONT - 22 ELEVATION  
SCALE: 1/2" = 1'-0"

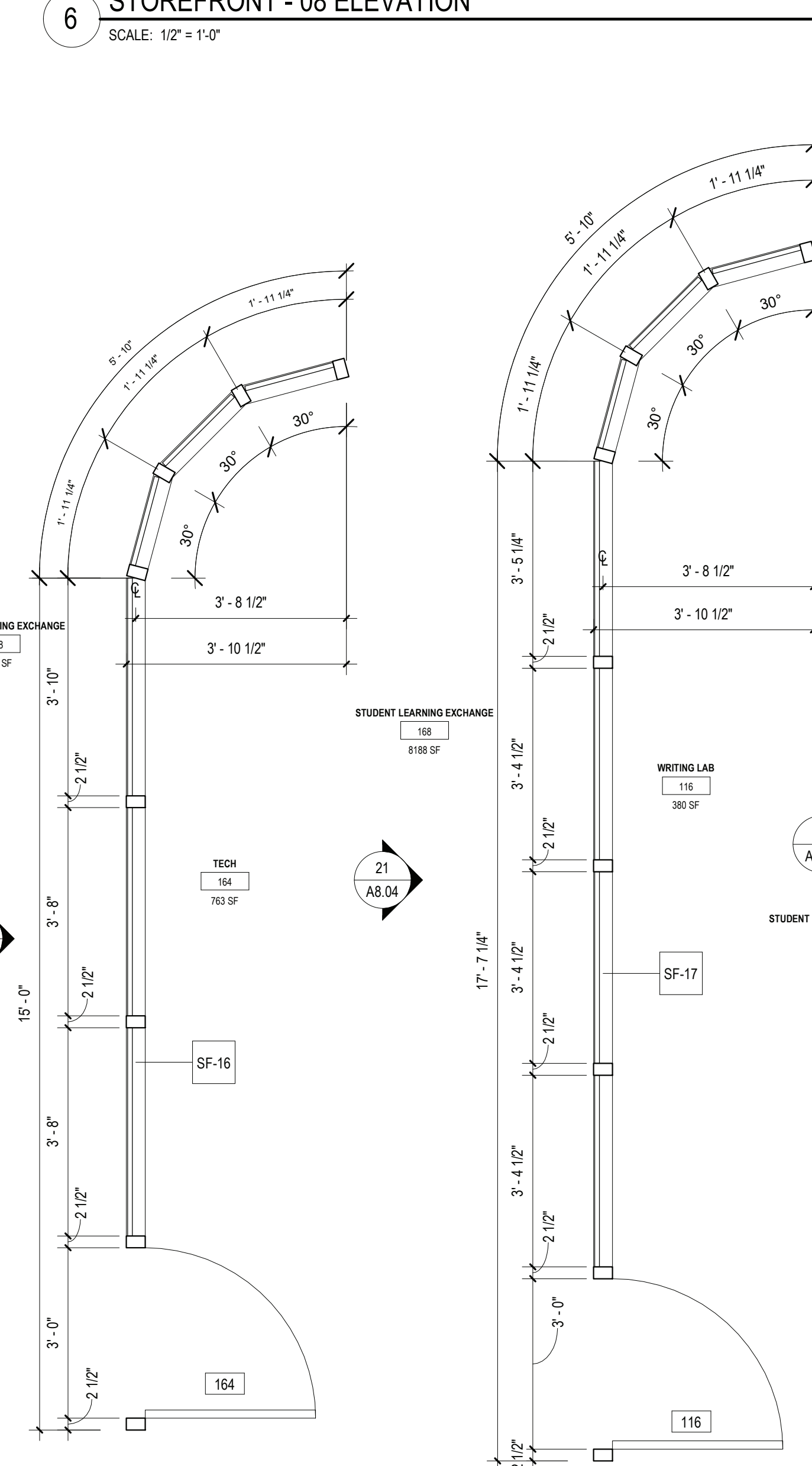
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SCALE: 1/2" = 1'-0"



5 STOREFRONT PLAN - 08  
SCALE: 1/2" = 1'-0"



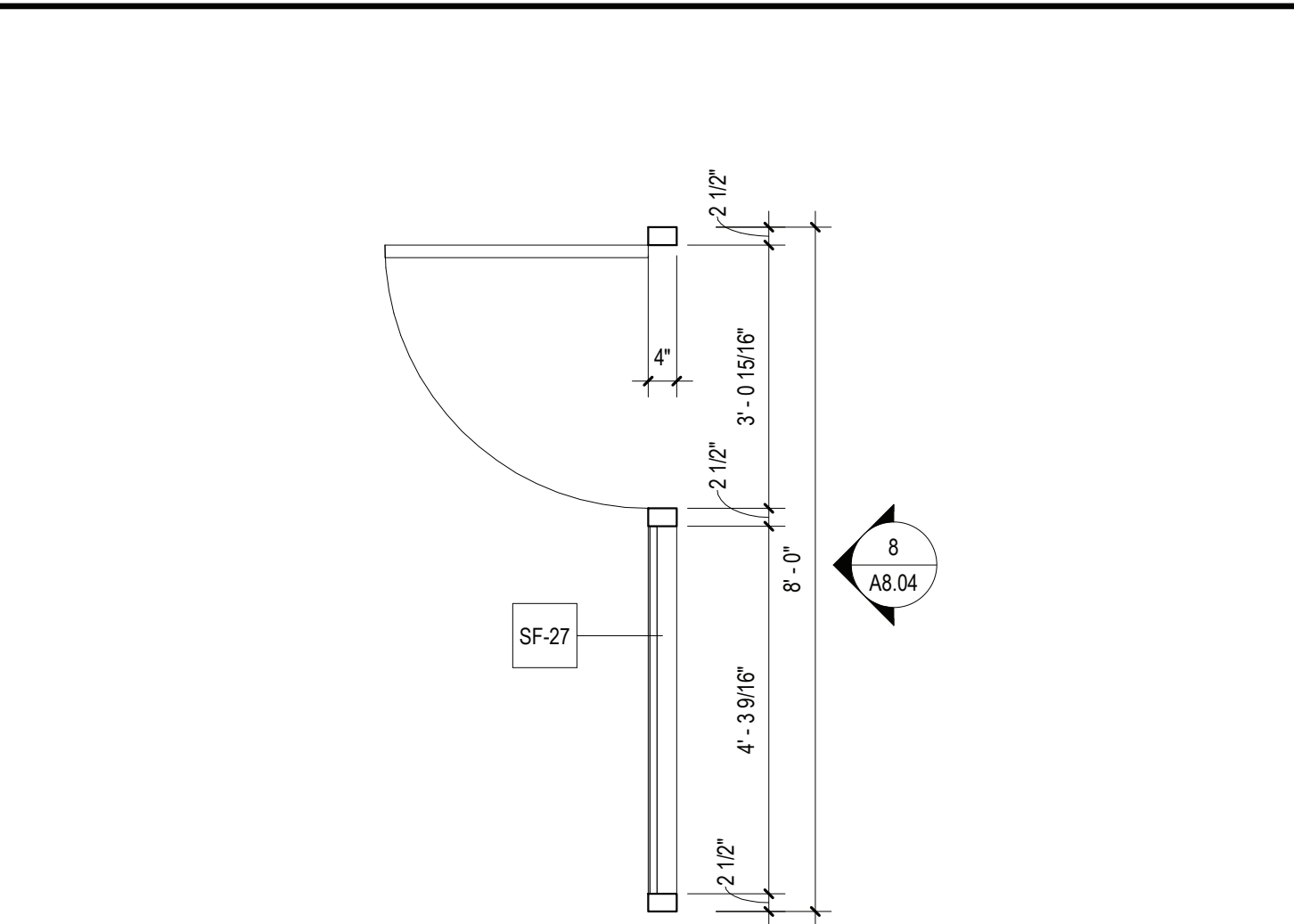
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SCALE: 1/2" = 1'-0"



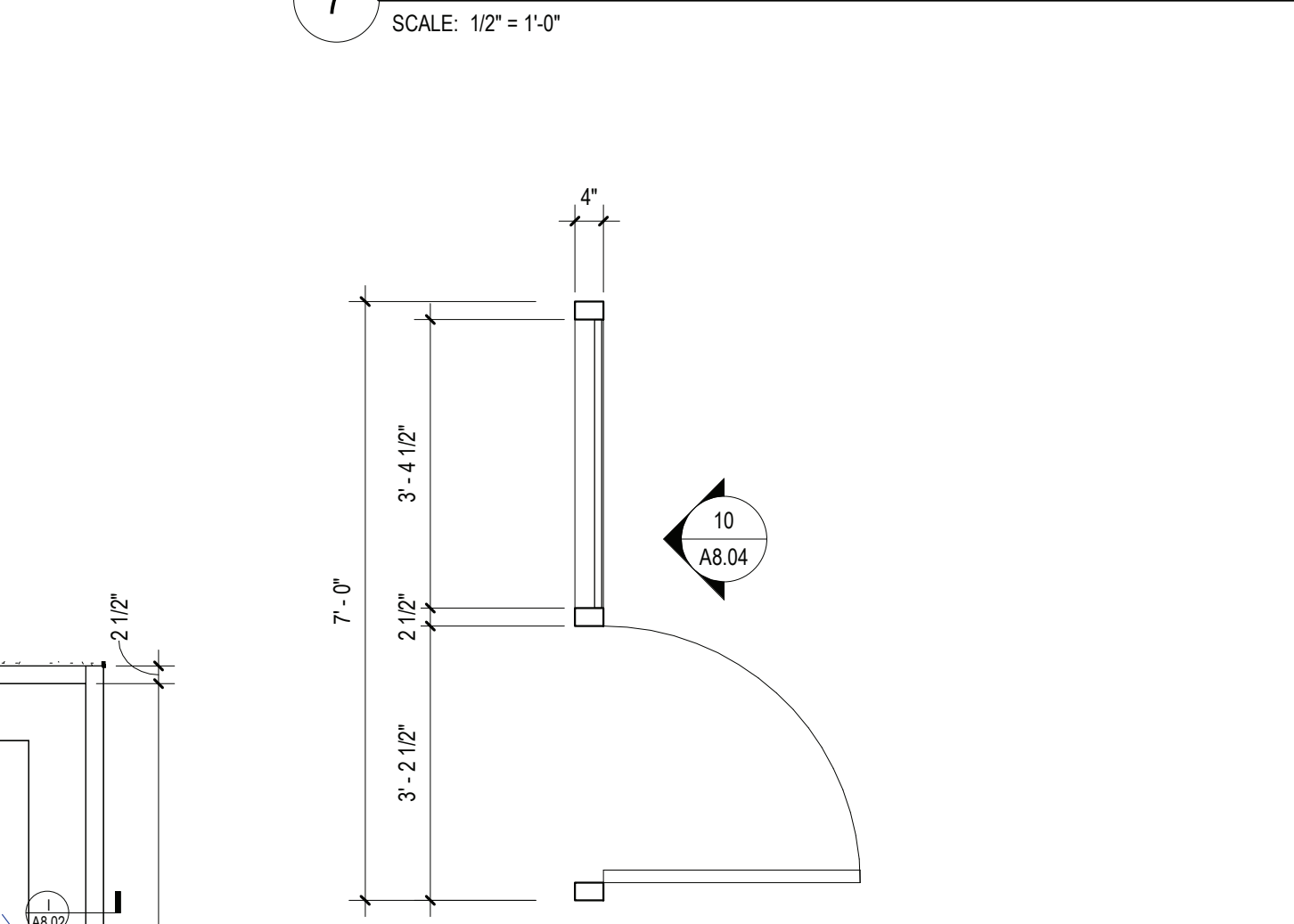
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SCALE: 1/2" = 1'-0"

18 STOREFRONT PLAN - 17  
SCALE: 1/2" = 1'-0"

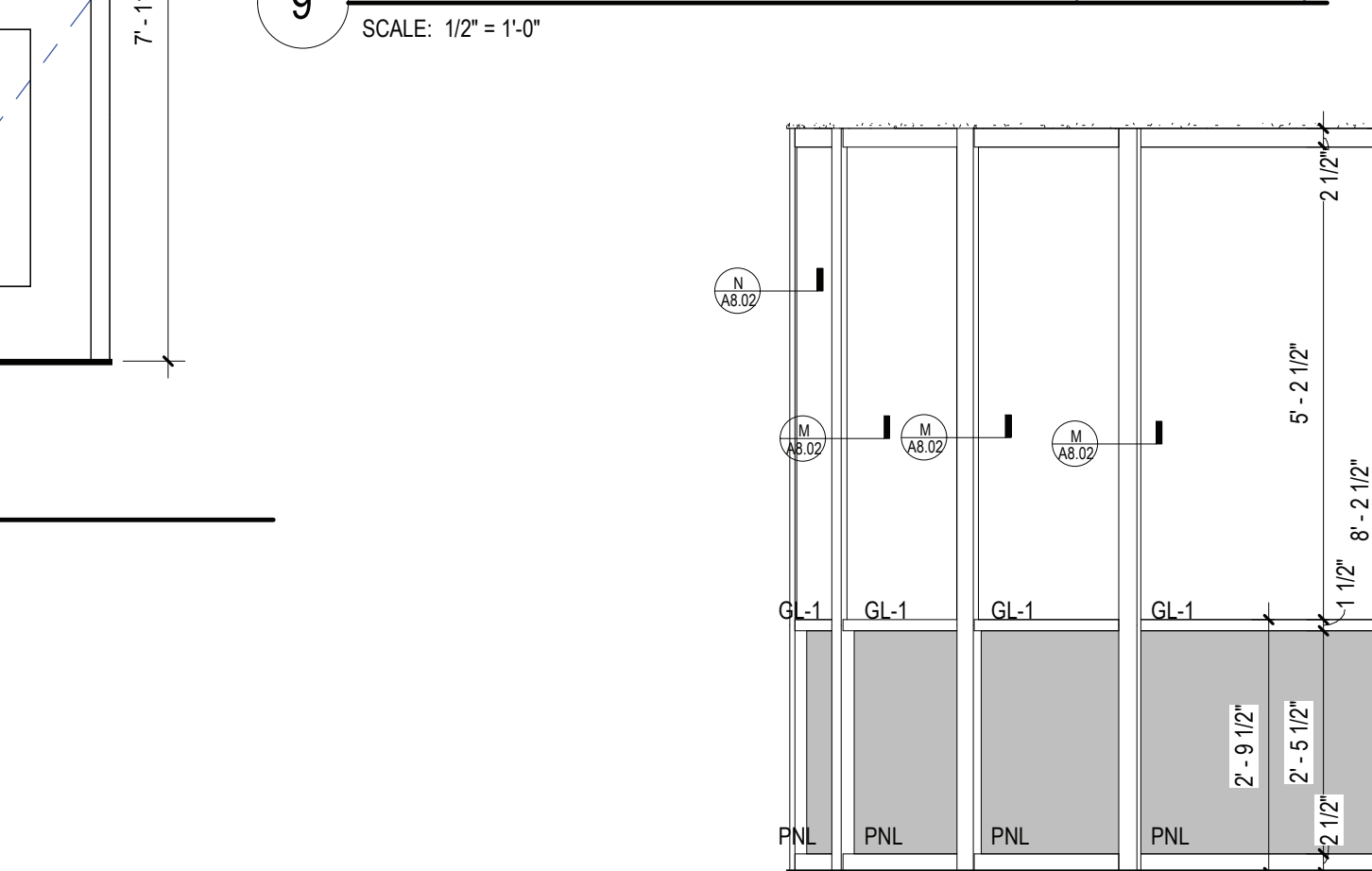
19 STOREFRONT PLAN - 18  
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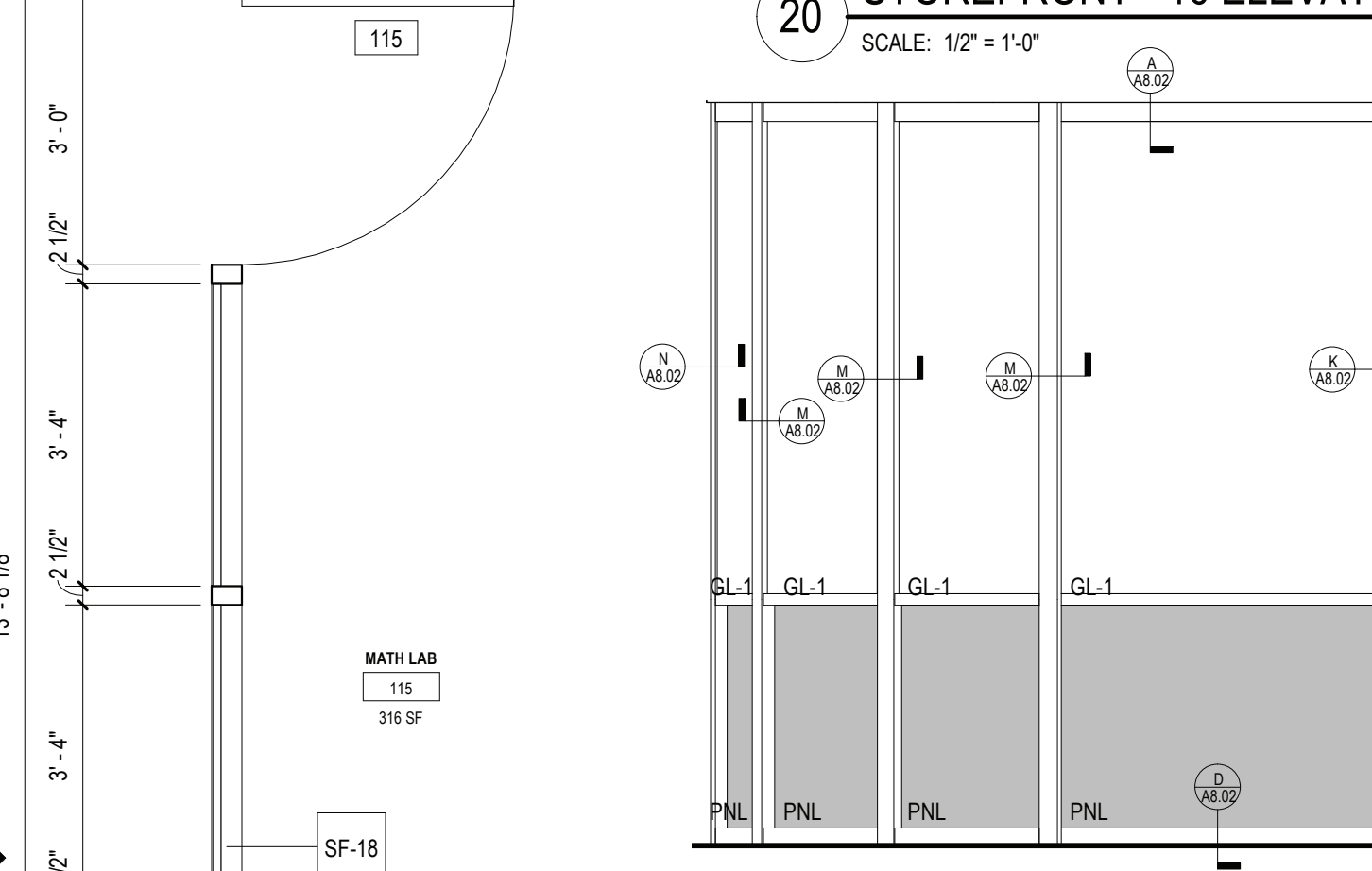
7 1HR RATED STOREFRONT PLAN - 27 (ASTM E 119)  
SCALE: 1/2" = 1'-0"



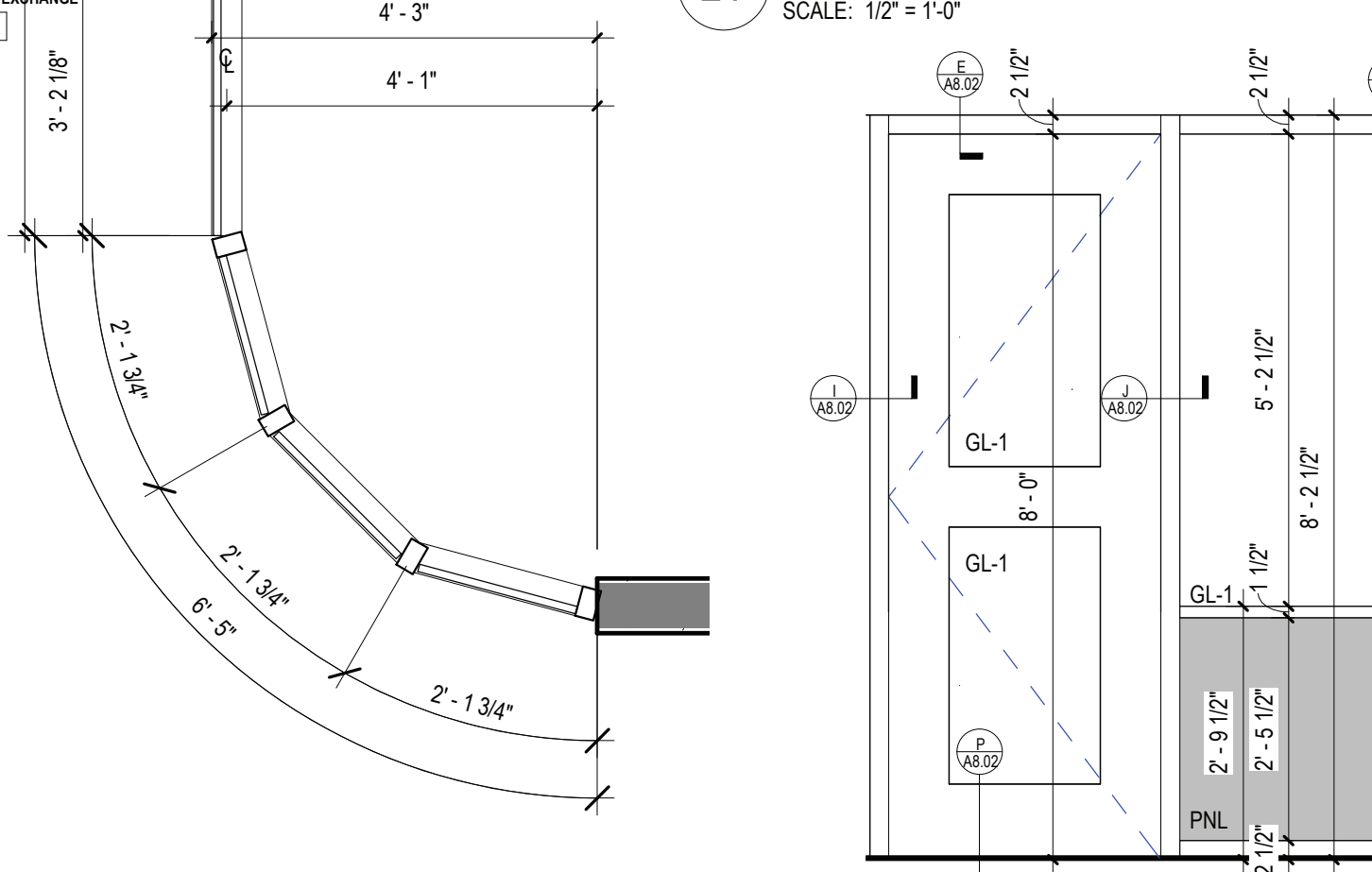
9 1HR RATED STOREFRONT PLAN - 28 (ASTM E 119)  
SCALE: 1/2" = 1'-0"



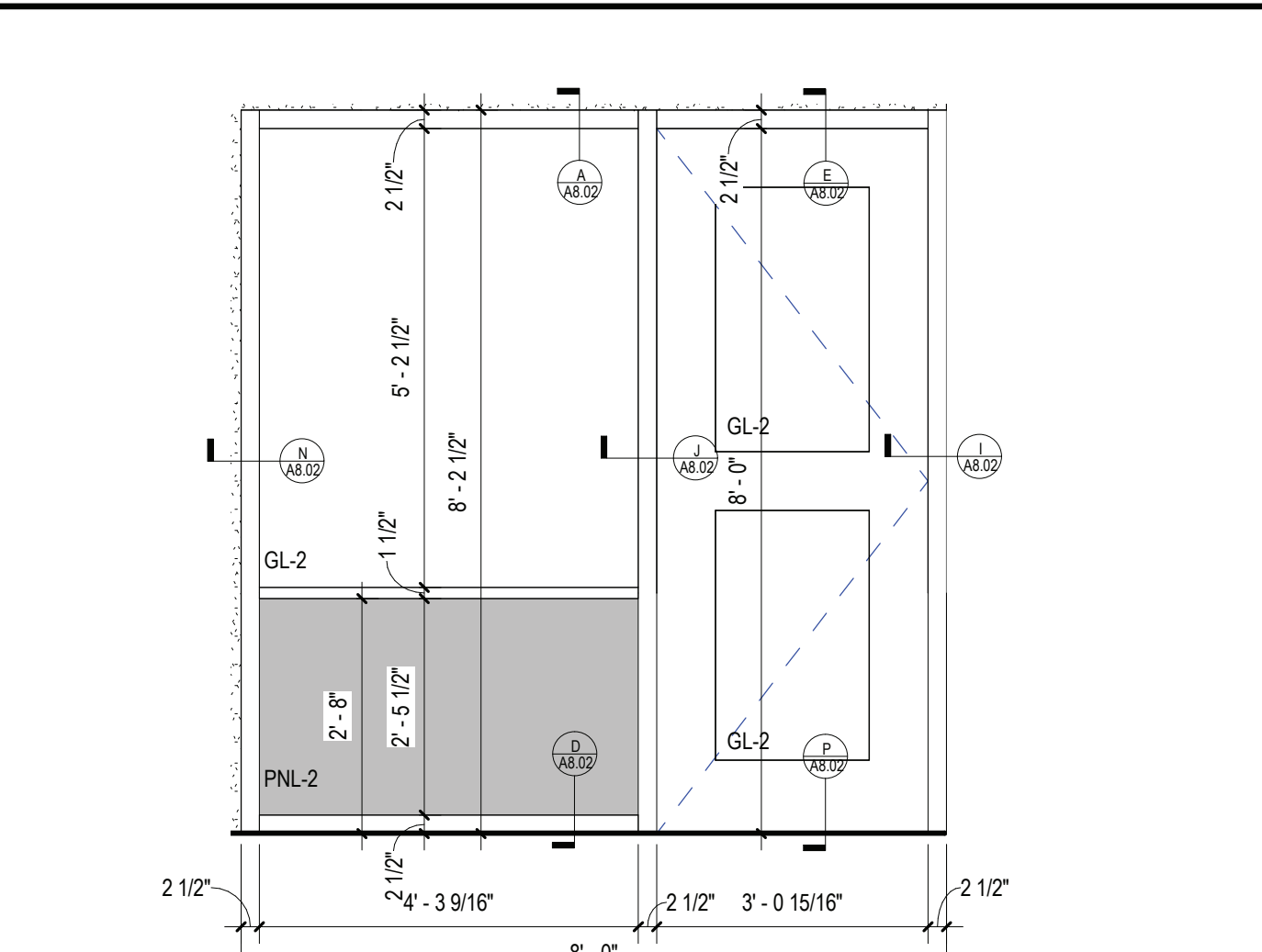
20 STOREFRONT - 16 ELEVATION  
SCALE: 1/2" = 1'-0"



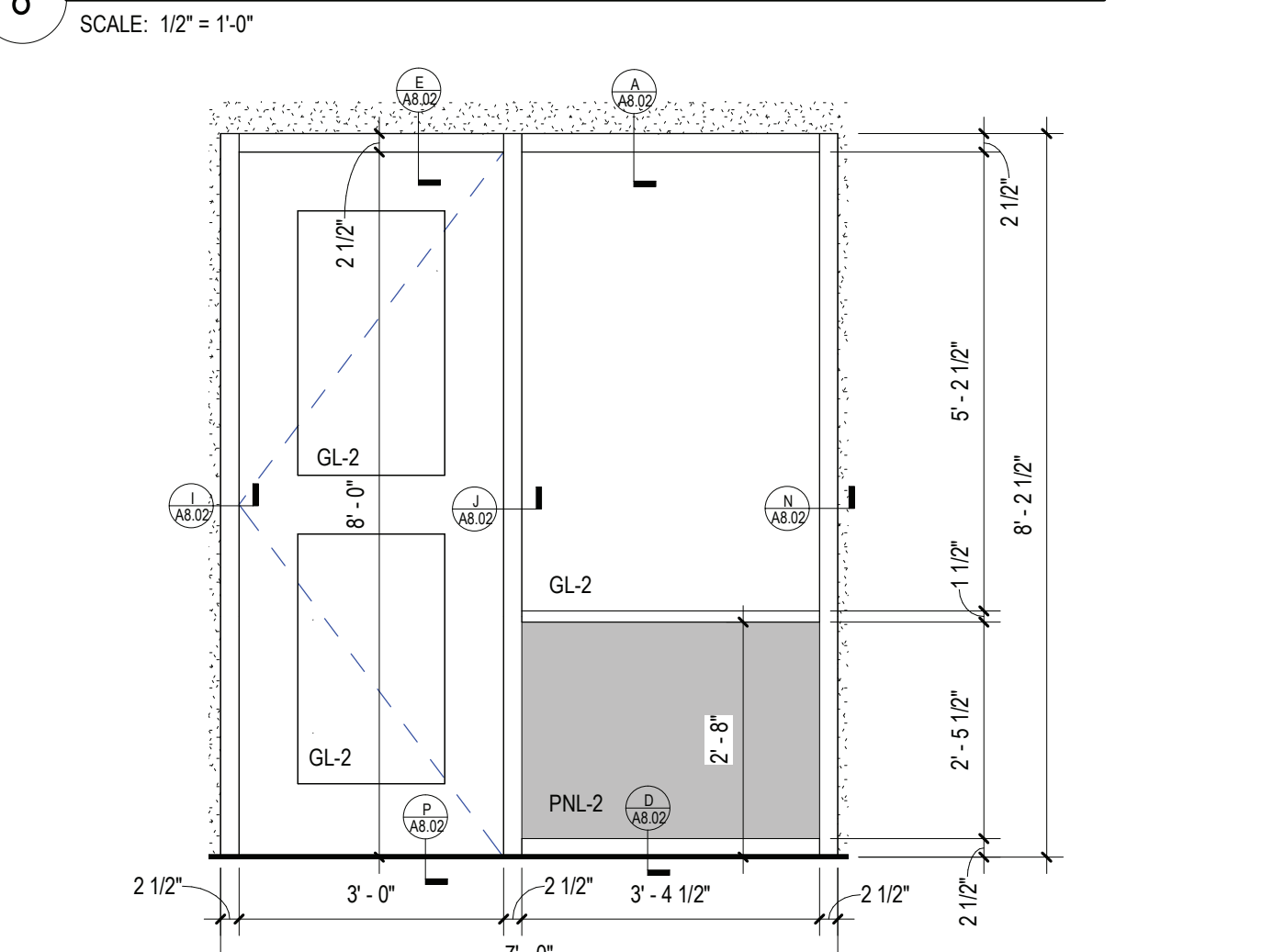
21 STOREFRONT - 17 ELEVATION  
SCALE: 1/2" = 1'-0"



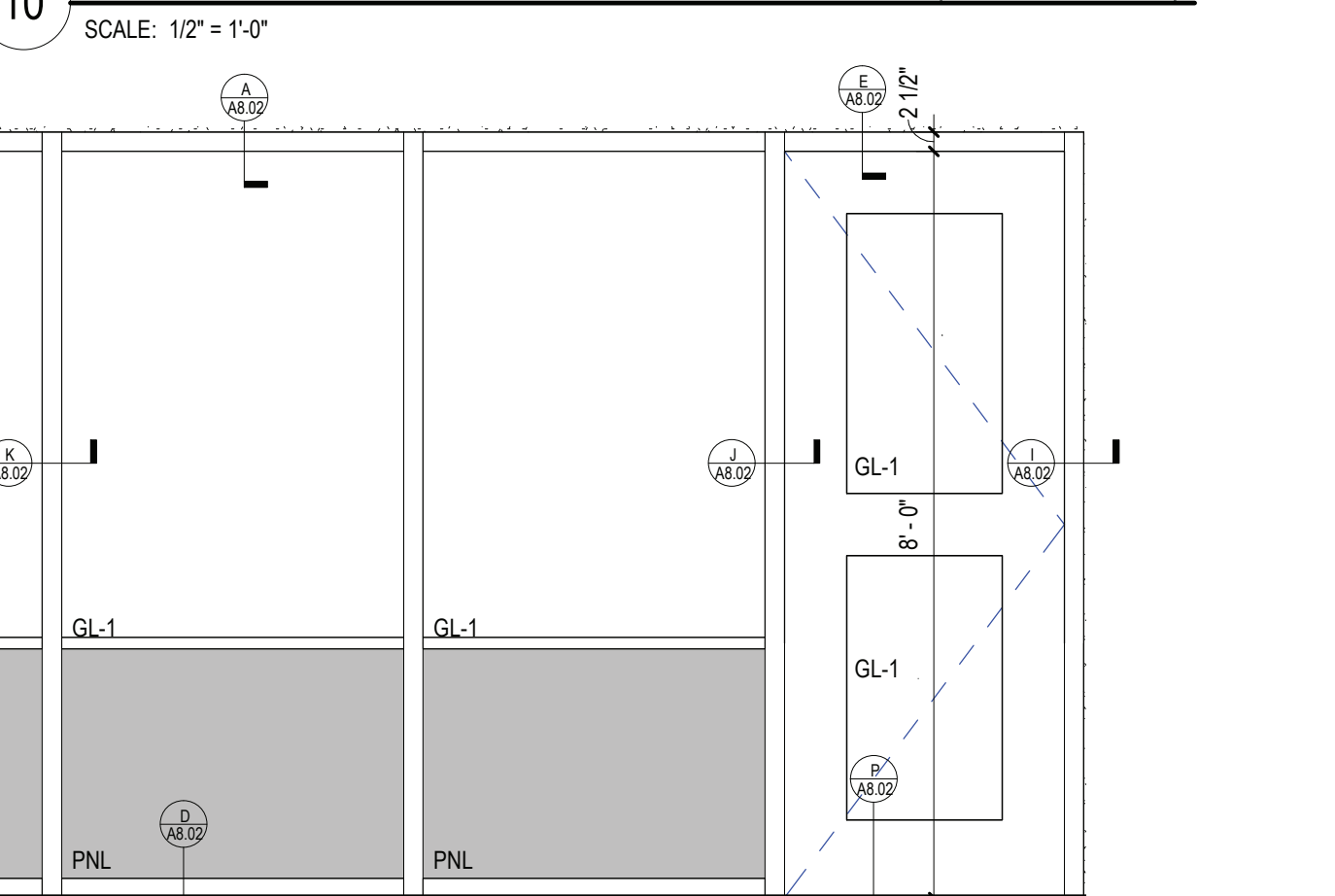
22 STOREFRONT - 18 ELEVATION  
SCALE: 1/2" = 1'-0"



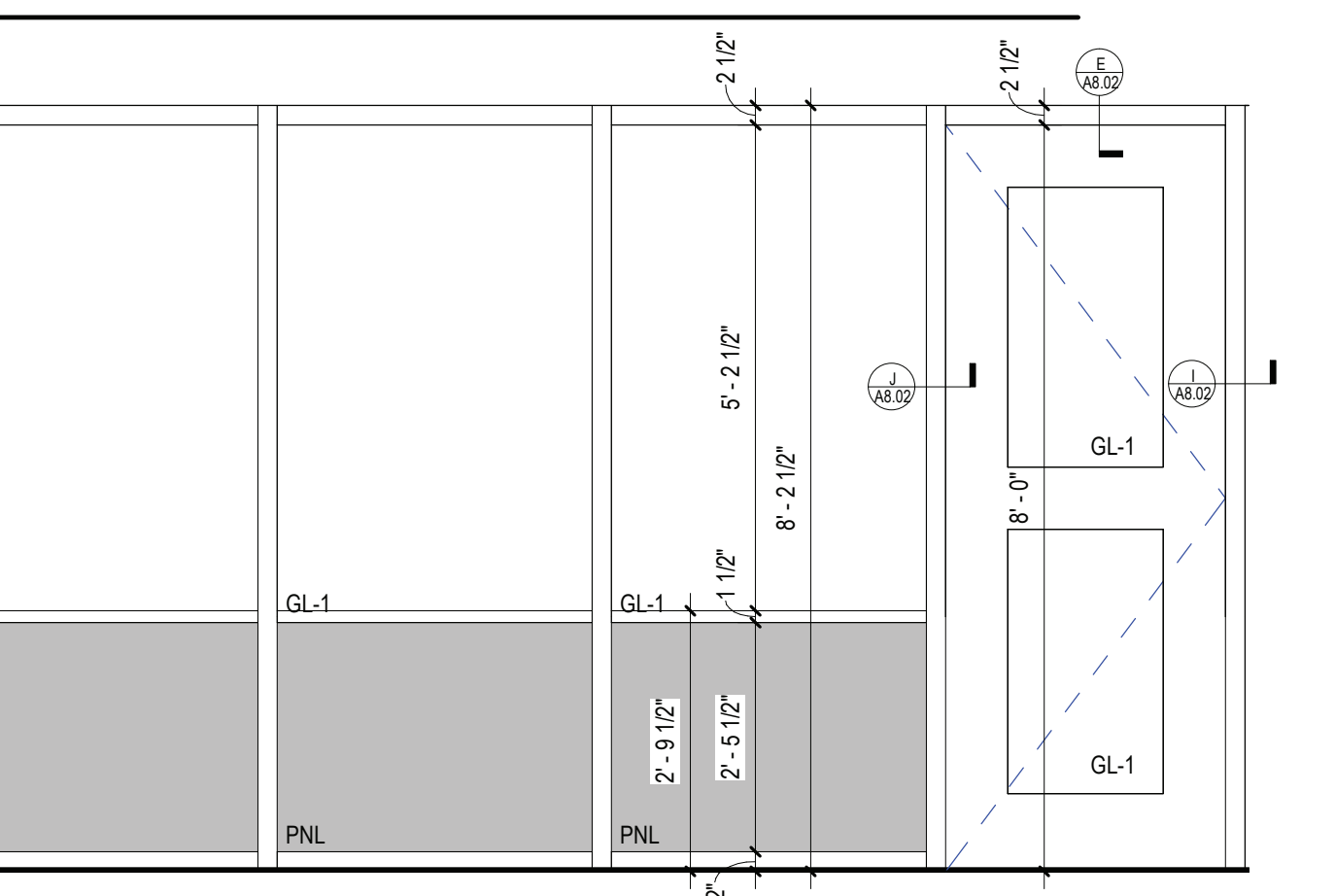
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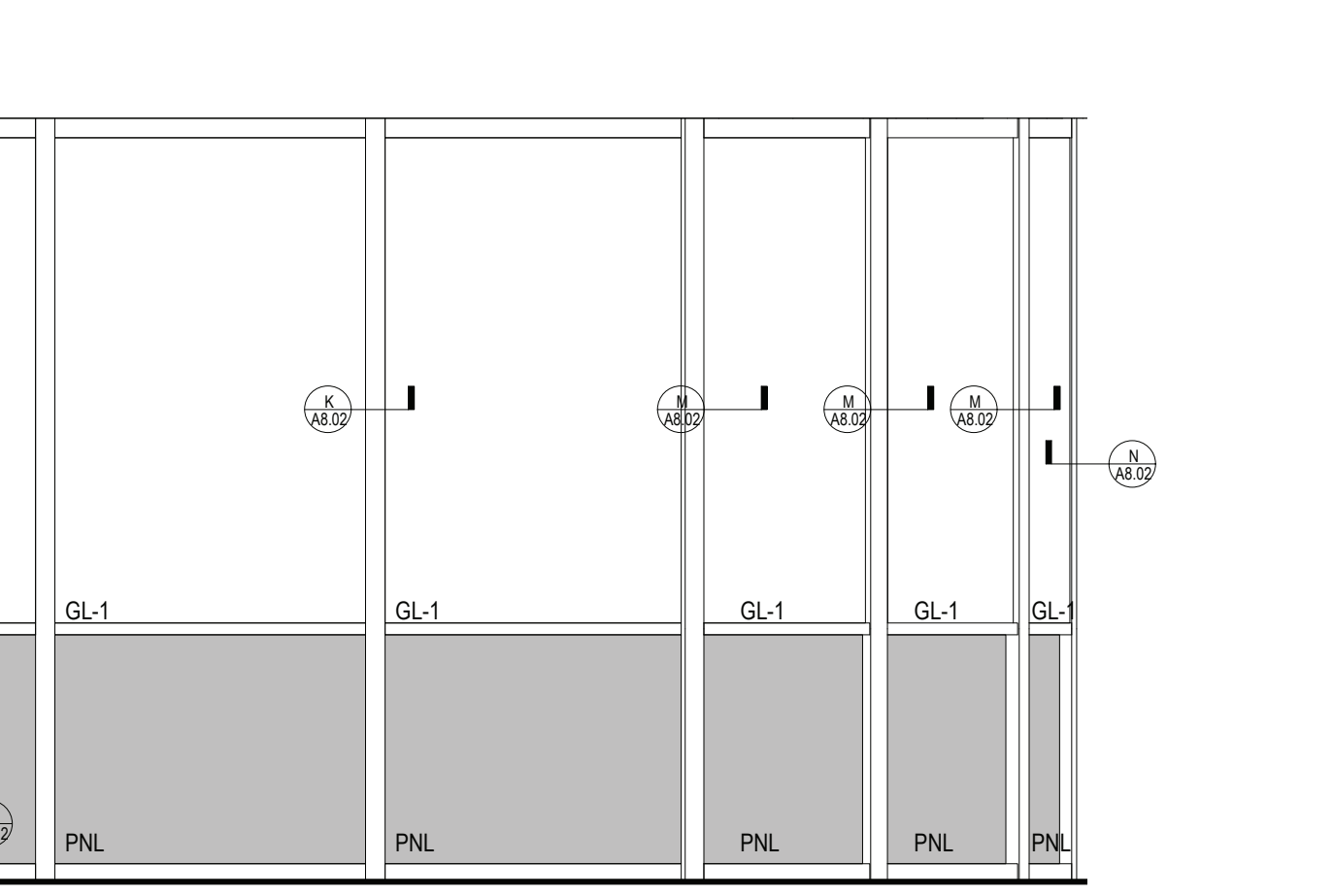
10 1HR RATED STOREFRONT - 28 ELEVATION (ASTM E 119)  
SCALE: 1/2" = 1'-0"



20 STOREFRONT - 16 ELEVATION  
SCALE: 1/2" = 1'-0"



21 STOREFRONT - 17 ELEVATION  
SCALE: 1/2" = 1'-0"



22 STOREFRONT - 18 ELEVATION  
SCALE: 1/2" = 1'-0"

REV.	DATE	ITEM

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
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444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

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**DRWG. BY:** J.N.  
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**SED. NO.** 66-14-02-02-0-004-023

**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

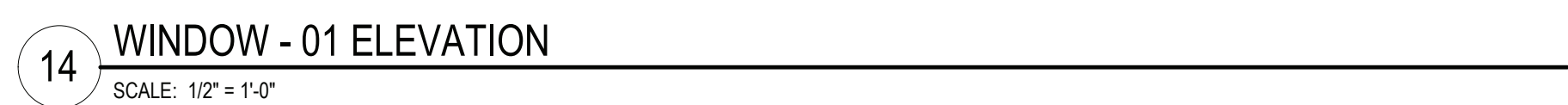
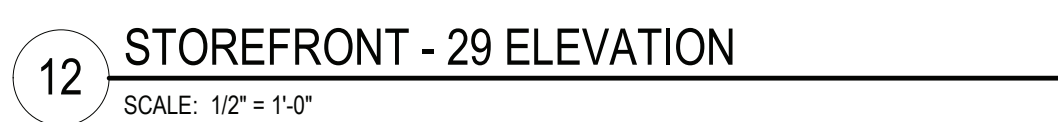
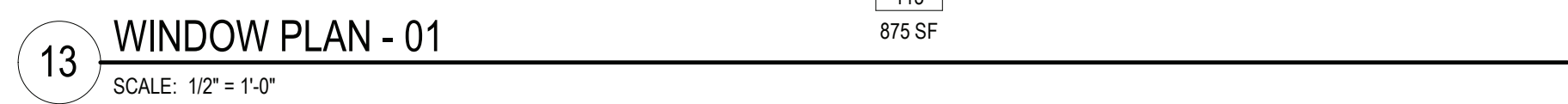
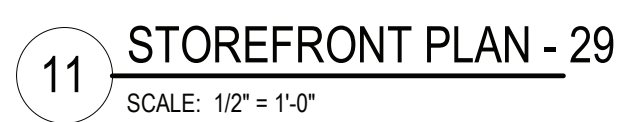
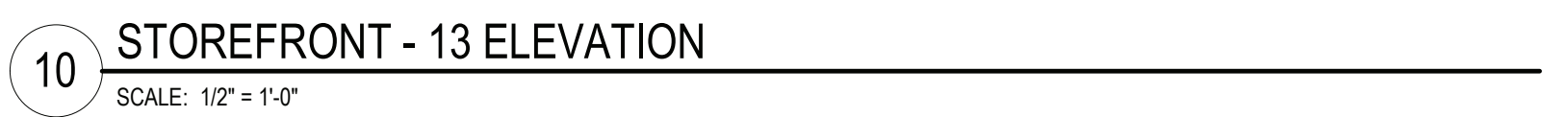
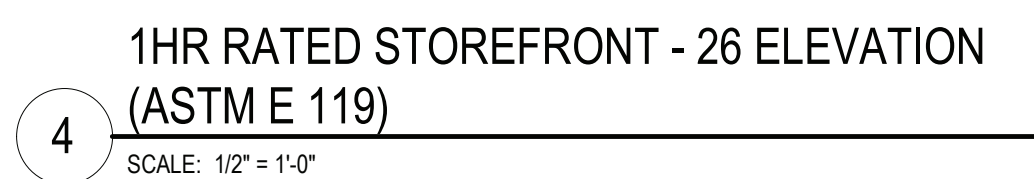
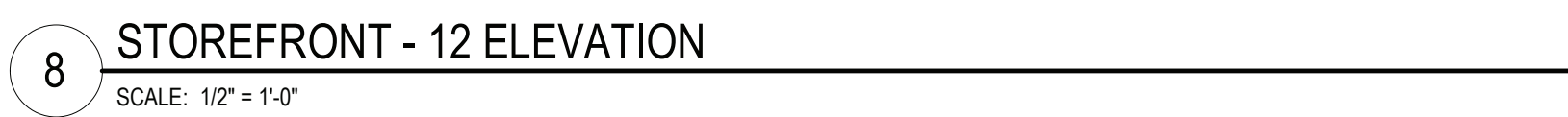
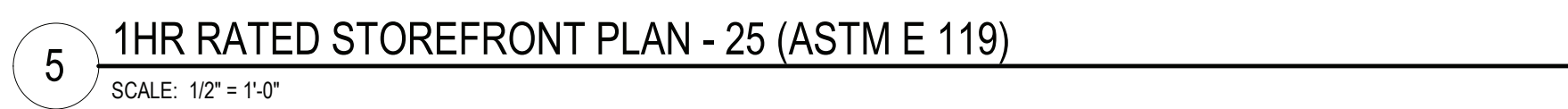
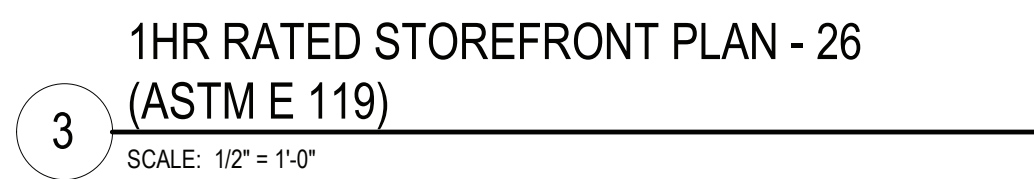
**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE** STOREFRONT PLANS AND ELEVATIONS

**SCALE:** AS NOTED  
**DATE:** 11/14/2022  
**BID / PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A8.04** **HSMS**



HSMS



WALL TYPES:			
TYPE P1:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: EXTRA WHITE SW7006 (CEILING)	TYPE P2:	PAINT BY SHERWIN WILLIAMS LATEX FLAT ENAMEL COLOR: DENIM SW6523 (CEILING ACCENT - BLUE)
TYPE P3:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: BIG CHILL SW7648 (GENERAL WALLS)	TYPE P4:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: DENIM SW6523 (ACCENT A - BLUE)
TYPE P5:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: ROBUST ORANGE SW6628 (ACCENT B - ORANGE)	TYPE P6:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR: DAPHNE SW1951 (ACCENT C- LIGHT BLUE)
TYPE P7:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (CORRIDOR)	TYPE P8:	PAINT BY SHERWIN WILLIAMS LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (CORRIDOR)
TYPE P9:	PAINT BY SHERWIN WILLIAMS LATEX SEMI-GLOSS ENAMEL COLOR AS SELECTED BY ARCHITECT (TOILET)	TYPE WC1:	WALLTALKERS MAG-RITE (M248) - MAGNETIC, WRITABLE WALL SURFACE AS MANUFACTURED BY KOROSEAL OR EQUAL, PROVIDE FLOOR TO CEILING- LEVEL 5 GYP. BOARD FINISH REQUIRED FOR INSTALLATION.
TYPE CT-1:	4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: MATTE DESIGNER WHITE 0061	TYPE CT-2:	4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: SAPPHIRE SKY 0070
TYPE CT-3:	4" X 12" CERAMIC WALL TILE MANUFACTURER: AMERICAN OLEAN COLLECTION: COLORSTORY WALL COLOR: BLAZE 0029		

FLOOR MATERIAL TYPES

TYPE VCT1:	12" X 12" VINYL COMPOSITION TILE MANUFACTURER: ARMSTRONG EXCELCOR MATERIAL: FIELD COLOR: SOFT WARM GRAY 51861 ACCENT VCT1A: GO BLUE 57531 ACCENT VCT1B: SCREAMIN' PUMPKIN 57516	TYPE LVT1:	7"x8" LUXURY VINYL TILE MANUFACTURER: PATCRAFT STYLE: RESTON 20 MIL COLOR: 00730 ANISE-V2
TYPE CPT1:	24" X 24" CARPET TILE MANUFACTURER: TARKETT STYLE: COLORWAT COLOR: 30230 REGAL BLUE	TYPE CT-4:	8" X 8" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO)

BASE TYPES:

TYPE RCB1:	4" RUBBER COVE BASE BY TARKETT COLOR: BLUE INTENSITY TH2	TYPE RCB2:	4" RUBBER COVE BASE BY TARKETT COLOR: SHORELINE 280
TYPE RCB3:	RUBBER COVE BASE BY "JOHNSONITE" LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (CORRIDORS)	TYPE RCB4:	RUBBER COVE BASE BY "JOHNSONITE" LATEX EGGSHELL ENAMEL COLOR AS SELECTED BY ARCHITECT (OFFICES)
TYPE CT-5:	8" X 8" CERAMIC FLOOR TILE MANUFACTURER: CREATIVE MATERIAL CO. COLLECTION: FRAMMENTO COLOR: BEIGE MACRO - NATURAL - RECTIFIED (BEIGE TERRAZZO)		

CEILING TILE TYPES:

TYPE ACT1:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: #1931 ULTIMA BEVELED TEGULAR (CORRIDORS/CLASSROOMS)	TYPE ACT2:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 1". NRC RATING .96 STYLE: #3250 OPTIMA SQUARE REGULAR (STUDENT LEARNING EXCHANGE/OFFICES)
TYPE ACT3:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 5/8" STYLE: # 770 CORTEGA SQUARE LAY-IN (STORAGE ROOMS/CUSTODIAL)	TYPE ACT4:	ACOUSTIC CEILING BY "CERTANTEED" SIZE: 4" DEEP X 1 1/4" THICK STYLE: DECOUSTICS RONDOLO BAFFLES COLOR(S) AS SELECTED BY ARCH. (STUDENT LEARNING EXCHANGE)
TYPE ACT5:	ACOUSTIC CEILING TILE BY "ARMSTRONG" SIZE: 24" X 24" X 3/4" STYLE: # 1935 ULTIMA HEALTH ZONE SQUARE LAY-IN (TOILET ROOMS)	CEILING GRID:	CEILING GRID BY "ARMSTRONG", 1516" PRELUDE, WHITE, U O N.  NOTE: ALL CEILING TILE & GRID TO BE WHITE UNLESS OTHERWISE NOTED.

GROUT TYPES:

TYPE GRT1:	GRT1: 1/8" GROUT MANUFACTURER: CUSTOM BUILDING PRODUCTS COLOR: #11 SNOW WHITE	TYPE GRT2:	GRT2: 1/16" GROUT MANUFACTURER: CUSTOM BUILDING PRODUCTS COLOR: #645 STEEL BLUE
------------	---	------------	---

TACKBOARDS:

TBI: TACK BOARDS.  
COLOR: AS PER ARCHITECT

WINDOW TREATMENTS:

TYPE WS1: DRAPER CLUTCH OPERATED FLEXSHADE,  
PIPPER SHERAWEAWE PW 2800, 1% OPEN  
COLOR AS SELECTED BY ARCHITECT  
(ALL EXTERIOR WINDOWS, U.O.N.)

TYPE WS2: DRAPER CLUTCH OPERATED FLEXSHADE,  
PIPPER SHERAWEAWE PW 2800, SOLID  
COLOR AS SELECTED BY ARCHITECT  
(ALL INTERIOR WINDOWS @ MEDIA CENTER)

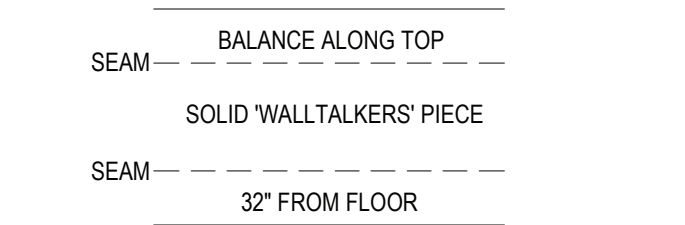
- NOTES:
1. PROVIDE (1) PER WINDOW UNIT
  2. GC SHALL SUBMIT SHOP DRAWINGS AND SAMPLES FOR APPROVAL BY ARCHITECT.

ACOUSTICAL WALL PANEL:

AP: 1" HARDSIDE FABRIC WRAPPED  
ACOUSTICAL WALL PANEL AS MANUFACTURED  
BY KINETICS NOISE CONTROL OR EQUAL  
FABRIC: PALETTE 2155 BY GUILFORD OF MAINE  
COLOR: AS PER ARCHITECT

WRITABLE WALL COVERING

1. "WALLTALKERS WALLCOVERINGS": AS MANUFACTURED BY KOROSEAL INTERIOR PRODUCTS, LLC, 3875 EMBASSY PARKWAY, SUITE 110, FAIRLAWN, OHIO 44333. TELEPHONE: (855)553-5474, EMAIL: INFO@KOROSEAL.COM, OR APPROVED EQUAL.
2. "WALLTALKERS" TO BE WRITE-ABLE WITH MAGNETIC CAPABILITIES AND WILL EXTEND ENTIRE LENGTH OF WALL, FLOOR TO CEILING. "WALLTALKERS" TO BE WHITE WITH ALUMINUM J-CAP TRIM. SEMI-GLOSS (PRODUCT CODE M248).
3. ACCESSORIES - 1 SET REQUIRED FOR EACH ROOM. INCLUDE THE FOLLOWING:
  - a. ONE SILVER ANODIZED ALUMINUM MARKER CADDY (MODEL NO. AMCM)
  - b. STARTER KIT (8 MARKERS, ONE FELT ERASER, 8 OZ. SPRAY BOTTLE OF LIQUID CLEANER, ONE EMPTY 8 OZ. SPRAY BOTTLE FOR WATER, TWO DRY ERASE CLEANING CLOTHS).
  - c. HEAVY DUTY MAGNETS (MAG1), MINIMUM OF 12 MAGNETS.
4. WARRANTY: INCLUDE MANUFACTURER'S STANDARD 5 YEAR WARRANTY.
5. INSTALL AS PER MANUFACTURER'S RECOMMENDATIONS HORIZONTALLY WITH SEAM AT 2' A.F.F. AND 8' A.F.F.. REFER TO INSTALLATION INSTRUCTIONS, DOUBLE CUTTING ALL SEAMS.
6. G.C. SHALL CLEAN / PREP MATERIAL FOR FIRST USE AS RECOMMENDED BY MANUFACTURER AN AMMONIA OR ALCOHOL BASED CLEANER OR MILD SOAP AND RINSED THOROUGHLY WITH WATER.



GRAPHIC VINYL DECAL

GV1: GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL DESIGN AND INSTALLATION BY 71 VISUALS (831-532-6142) ON PAINTED GYP. BD. WALL.  
PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

RUBBER TRANSITIONS/NOSINGS

GC RESPONSIBLE FOR USING GRAPHICS ALLOWANCE TO PROVIDE HEAT FORMED VINYL WALL DECAL DESIGN AND INSTALLATION BY 71 VISUALS (831-532-6142) ON PAINTED GYP. BD. WALL.  
PRODUCT: ARLON VINYL WITH MATTE LAMINATE, MULTIPLE COLORS

CASEWORK FINISHES

QT-1: SOLID SURFACE AS MANUFACTURED BY WILSONART OR EQUAL. COLOR: FROSTY WHITE MIRAGE 1573MG

PL-1: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED  
COLOR: LIFT OAK 798-12

PL-2: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED  
COLOR(S) AS SELECTED BY ARCH.  
(STUDENT LEARNING EXCHANGE)

PL-3: PLASTIC LAMINATE AS MANUFACTURED BY WILSONART OR EQUAL W/ MATCHING 3MM PVC EDGE WHERE REQUIRED  
COLOR: INDIGO 0379-80

"G.C. RESPONSIBLE FOR PROVIDING AND INSTALLING CASEWORK SHOWN IN ELEVATION 2311.04, 2711.04 AND RECEPTION DESK DETAILED ON 1116 ONLY. ALL OTHER CASEWORK TO BE PROVIDED AND INSTALLED BY OWNER'S CC ON SEPARATE CONTRACT."

ABBREVIATIONS:

ACT.....ACOUSTIC CEILING TILE  
CPT.....CARPET  
C.M.U.....CONCRETE MASONRY UNIT  
CONC.....CONCRETE

CWT.....CERAMIC WALL TILE  
EPOXY.....EPOXY TERRAZZO  
GTW.....GLAZED TILE WAINSCOT  
GYP.....GYPSUM BOARD

MS.....MARBLE SADDLE (ADA)  
NA.....NOT APPLICABLE  
NIC.....NOT IN CONTRACT  
PCB.....PORCELAIN TILE COVE BASE

PFT.....PORCELAIN FLOOR TILE  
PLAST.....PLASTER  
RB.....RUBBER COVE BASE  
RF.....RUBBER FLOORING

RT.....RUBBER TILE  
TERR.....TERRAZZO  
VCT.....VINYL COMPOSITION TILE  
VET.....VINYL ENHANCED TILE

VINYL.....SLIP-RESISTANT FLOORING  
WD.....WOOD  
WM.....WALK OFF MAT

FINISH SCHEDULE

RM. NO.	LOCATION	FLOOR		BASE		WALLS		CEILING	REMARKS
		MATERIAL	FINISH	MATERIAL	FINISH	MATERIAL	FINISH		
1	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
2	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
3	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
4	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
5	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
6	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
7	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
8	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
9	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
10	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
11	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
12	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
13	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
14	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
15	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
16	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
17	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
18	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
19	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
20	OFFICE	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P6	ACT2	
107	QUIET ROOM	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	AP	ACT2	WALLS TO BE WRAPPED IN ACOUSTICAL PANEL
108	AMPHITHEATER	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3	ACT2&4GYP	
111A	UNISEX ADA RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111B	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111C	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
111D	STAFF ADA UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
112	FLEX SPACE	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3	ACT1&GYP	
113	SCIENCE RESEARCH LAB	LVT	LVT1	RUBBER BASE	RB2	GYP. BD	P3&P5WC1	ACT1&4GYP	
114	COLLEGE CONF	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P3P4	ACT1	
115	MATH LAB	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P5WC1	ACT1	
116	WRITING LAB	CARPET	CPT1	RUBBER BASE	RB1	GYP. BD	P5WC1	ACT1	
117	CLASSROOM	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3P5	ACT1	
118	ST	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT3	
119	ST	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT3	
120	FAB LAB/ PHOTOGRAPHY	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
120A	ST	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
121	ROBOTICS/ ENGINEERING	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	P4	ACT1	
157	SEC.	VCT	VCT1	RUBBER BASE	RB1	EXIST	P4	ACT3	
158	BOYS' TOILET	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
159	STOR.	VCT	VCT1	RUBBER BASE	RB1	EXIST	P3	ACT3	
160	GIRL'S TOILET	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
164	TECH.	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3P5	ACT1	
165	TECH.	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3P5	ACT1	
166	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT4	
167	STORAGE	VCT	VCT1	RUBBER BASE	RB1	GYP. BD	P3	ACT4	
168	STUDENT LEARNING EXCHANGE	CARPET/LVT	CPT1/LVT1	RUBBER BASE	RB1	GYP. BD	P3P4P5	ACT2&4GYP	
169A	UNISEX ADA RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
181B	UNISEX RESTROOM	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT5	
501B	GALLERY	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	NO CLGP1&11	
505	CAFETERIA	LVT	LVT1	RUBBER BASE	RB1	GYP. BD	MATCH EXIST.	ACT1	
B	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	ACT1GYP	
C	CORRIDOR	EXIST VCT	PATCH AS REQ'D	RUBBER BASE	RB2	GYP. BD	P	NO CLGP1	
E	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	ACT1	
F	CORRIDOR	VCT	VCT1	RUBBER BASE	RB2	GYP. BD	P	NO CLGP1	
L	CORRIDOR	CERAMIC TILE	CT1	CERAMIC TILE	CT2	CERAMIC TILE	CT2	ACT1	

FINISH NOTES

1. ALL FINISH TYPES (STYLE/COLOR/PATTERN) SHALL CONFORM TO THE STANDARD OF QUALITY INDICATED BY THE PROJECT MANUAL. FINAL STYLE/COLOR/PATTERN TO BE SELECTED BY ARCHITECT.
2. ALL CMU SURFACES SHALL BE PRIMED WITH INTERIOR & EXTERIOR BLOCK FILLER M88 INDUSTRIAL MAINTENANCE BY BENJAMIN MOORE. PRIOR TO FINISH PAINT APPLICATION.
3. ALL WINDOWS IN AREA OF WORK ARE TO HAVE NEW SHADES OR BLINDS SUPPLIED AND INSTALLED BY GC, (1) PER WINDOW UNIT. G.C. SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL.
4. NEW AND EXISTING DOOR FRAMES ASSOCIATED IN SCOPE OF WORK SHALL BE PREPPED AND PAINTED WITH BENJAMIN MOORE LATEX SEMI-GLOSS PAINT BY GC. COLOR AS SELECTED BY ARCHITECT.
5. REFER TO FLOOR PLANS FOR TILE PATTERNS.
6. G.C. SHALL PREPRIME AND PAINT ALL SHEET METAL PIPE ENCLOSURES (INSTALLED BY MC). COLOR AS SELECTED BY ARCHITECT.
7. BEFORE PAINTING, CONCRETE SURFACES MUST CURE 30 DAYS. BLOCK AND PLASTER SURFACES MUST CURE 30 DAYS.
8. ALL NEW WOOD WINDOW SILLS, MOLDING AND TRIM SHALL RECEIVE A "STAINED" FINISH AND RECEIVE (3) COATS OF "BENWOOD POLYURETHANE FINISH LOW LUSTER NO. 438 BY "BENJAMIN MOORE" OR APPROVED EQUAL. STAIN COLOR AS SELECTED BY ARCHITECT. GC SHALL SUBMIT PHYSICAL COLOR SAMPLE FOR REVIEW AND APPROVAL.
9. ALL FINISHES SHALL BE PROVIDED AND INSTALLED BY GC UNLESS OTHERWISE NOTED. REFER TO SPEC SECTION 09900 FOR ADDITIONAL INFORMATION.
10. ALL INTERIOR FINISHES IN CORRIDOR SHALL BE CLASS 'A' RATED.
11. PATCH, REPAIR AND FINISH CEILING, WALLS, AND FLOOR @ POINTS OF DEMOLITION TO MATCH EXISTING ADJACENT. EXISTING FINISHES TO REMAIN.
12. SHOULD ANY FINISH MATERIALS BE DISCONTINUED BY MANUFACTURER, GC MUST REPLACE WITH CLOSEST MATCH AT NO ADDITIONAL COST, AND SUBMIT TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
13. REFER TO REFLECTED CEILING PLANS AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.
14. DOOR FRAMES TO BE PREPPED & PAINTED AS PER SPEC. COLOR AS SELECTED BY ARCHITECT.
15. G.C. SHALL PREP, PRIME & PAINT SHEETROCK CEILINGS UNLESS OTHERWISE NOTED. FINISH AS PER SPEC. COLOR: WHITE, FLAT FINISH.
16. REFER TO FINISH FLOOR PLANS FOR TILE PATTERNS - THE TILE PATTERNS MAY NOT REPRESENT THE FINAL PATTERNS TO BE DESIGNED, INSTALLED & TURNED OVER TO OWNER. THE BID SHALL BE BASED ON THE TILE MIX & PERCENTAGES, AS INDICATED IN THE PROJECT MANUAL.
17. REFER TO REFLECTED CEILING PLANS, TOILET ROOM TILE PLANS, AND FINISHED FLOOR PLANS FOR ADDITIONAL FINISH INFORMATION.
18. GENERAL CONTRACTOR SHALL PERFORM A BOND TEST IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS PRIOR TO INSTALLATION OF NEW V.C.T. FLOORING.
19. CONTRACTOR SHALL INSTALL PLANIPATCH PLUS BY MAPET OR APPROVED EQUAL OVER SUBSTRATE AND/OR CONCRETE SLAB TO PROVIDE A FLOOR SURFACE IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS AND AS SPECIFIED FOR INSTALLATION OF NEW FINISH FLOOR MATERIALS.

PRIME CONTRACTOR TO PROVIDE ALL REQUIRED SADDLES, THRESHOLDS, REDUCER STRIPS, TRANSITION STRIPS AND OR PLAT PLATES AS REQUIRED TO PROVIDE A FINISHED, ADA COMPLAINT TRANSITION AT NUMEROUS FLOORING TRANSITIONS AND TERMINATIONS.

TYPICAL MOLDING NOTES

1. COORDINATE DEMOLITION AND PROPOSED DRAWINGS FOR EXTENT OF MOLDING REPLACEMENT IN THE EXISTING BUILDING. ALL MOLDING COMPONENTS AND PROFILES ARE INDICATED FOR REFERENCE ONLY.
2. EXISTING TRIM SHALL BE MAINTAINED WHERE INDICATED. WHERE NEW TRIM SHALL MATCH THE EXISTING TO REMAIN, THE SIZE AND PROFILE SHALL MATCH THE EXISTING - SPECIES MAY VARY.
3. CONTRACTOR SHALL PROVIDE SOLID BLOCKING AS REQUIRED TO SUPPORT ALL MOLDINGS AND TRIM WHETHER EXPLICITLY NOTED/SHOWN OR NOT.
4. ALL MOLDINGS TO BE EITHER MAPLE OR POPLAR AS SPECIFIED. ALL MOLDINGS SHALL BE PAINTED - COLOR BY ARCHITECT.
5. REFER TO SPECIFICATION SECTION 09900 FOR ADDITIONAL INFORMATION REGARDING PAINT FOR NEW/EXISTING MOLDINGS, PAINT FOR NEW/EXISTING PLASTER, CAULKING, REQUIRED PREPARATION WORK, AND APPLICATION PROCEDURES.

GYPSUM BOARD FINISHING

GENERAL CONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF GYPSUM ASSOCIATION TRADE PUBLICATION GA-214.96 RECOMMENDED LEVELS OF GYPSUM BOARD FINISH & 3.06 OF SPECIFICATION SECTION 09250.

LEVEL 0 - FOR USE IN TEMPORARY CONSTRUCTION, OR WHERE FINAL FINISH/DECORATION HAS NOT BEEN DETERMINED.

LEVEL 1 - FOR USE AT PLENUM AREAS, ABOVE CEILING, IN ATTICS & IN AREAS WHERE THE ASSEMBLY WOULD GENERALLY BE CONCEALED OR IN BUILDING CORRIDORS & OTHER AREAS NOT NORMALLY OPEN TO THE PUBLIC VIEW

LEVEL 2 - FOR USE AT LOCATIONS WHERE WATER-RESISTANT GYPSUM BACKING BOARD IS INSTALLED AS A TILE SUBSTRATE AND FOR USE IN GARAGES, WAREHOUSE STORAGE OR OTHER SIMILAR AREAS WHERE SURFACE APPEARANCES ARE NOT OF PRIMARY CONCERN.

LEVEL 3 - FOR USE IN APPEARANCE AREAS THAT ARE TO RECEIVE HEAVY OR MEDIUM TEXTURE FINISHES BEFORE FINAL PAINTING, OR WHERE HEAVY - GRADE WALL COVERINGS ARE TO BE APPLIED AS THE FINAL DECORATION.

LEVEL 4 - FOR USE WHERE LIGHT TEXTURE OR WALL COVERINGS ARE TO BE APPLIED, OR WHERE ECONOMY IS OF THE ARCHITECT'S CONCERN.

LEVEL 5 - FOR USE WHERE GLOSS, SEMI-GLOSS, ENAMEL OR NON-TEXTURED FLAT PAINTS ARE SPECIFIED, OR WHERE SEVERE LIGHTING CONDITIONS OCCUR (IN THE OPTION OF THE ARCHITECT.)

REV.	DATE	ITEM

NOTICE

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS

BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROJECT

DWG TITLE

DWG. BY: C.M.

CHK. BY: G.E.O.

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FINISH SCHEDULE

SER. NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

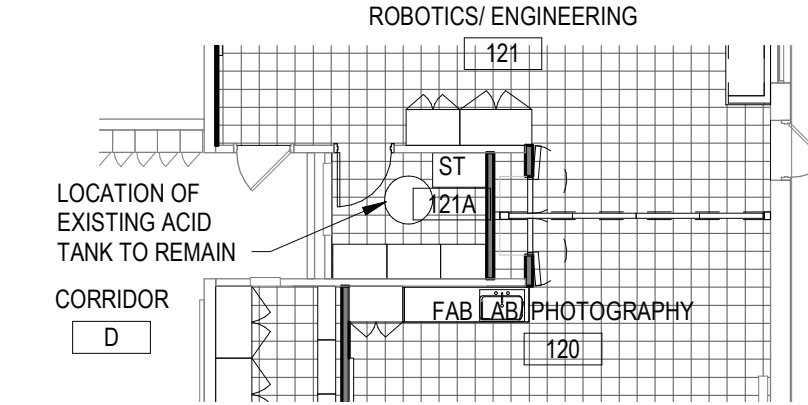
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DATE: -  
BID PAU DATE: 11/14/2022  
FILE NO.: 21-274C

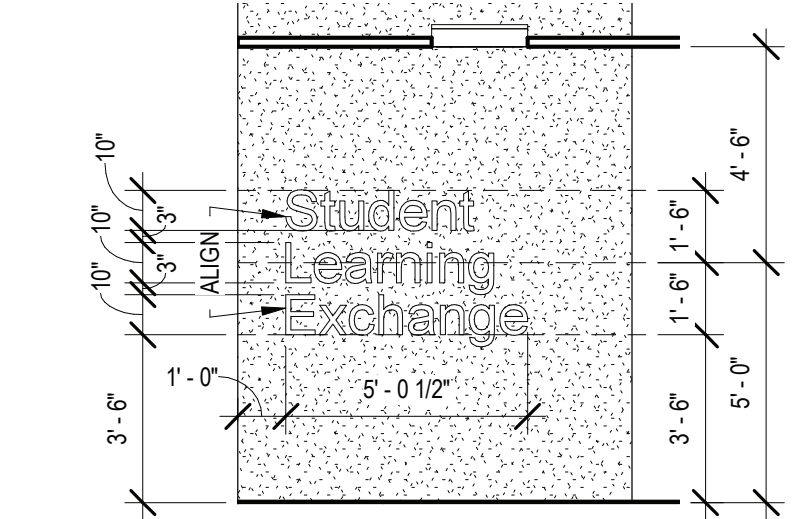
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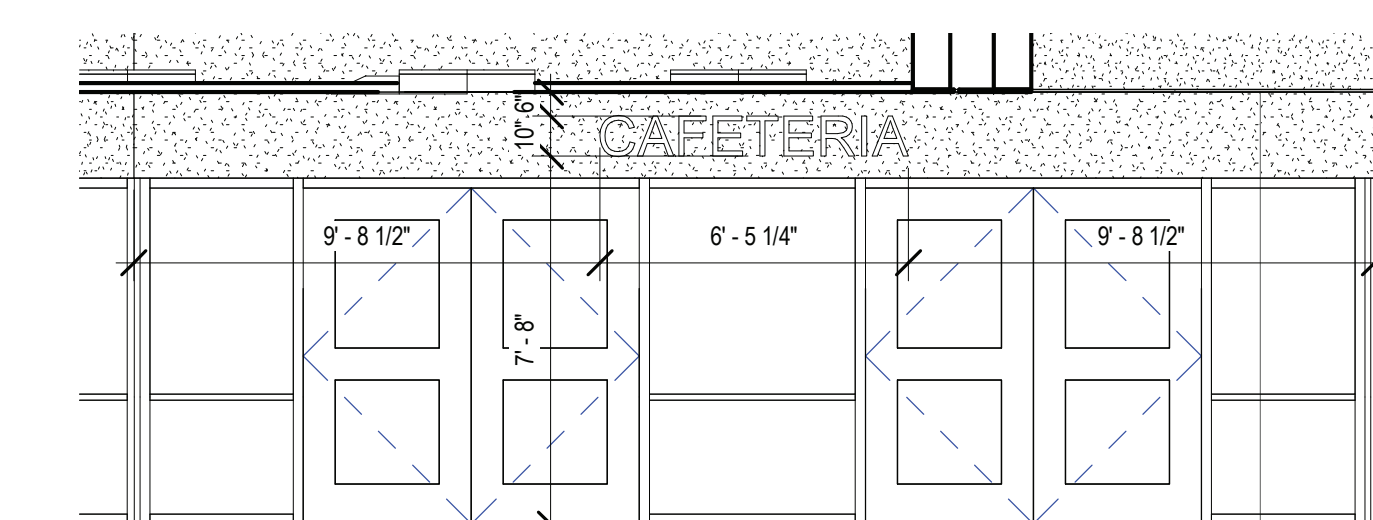




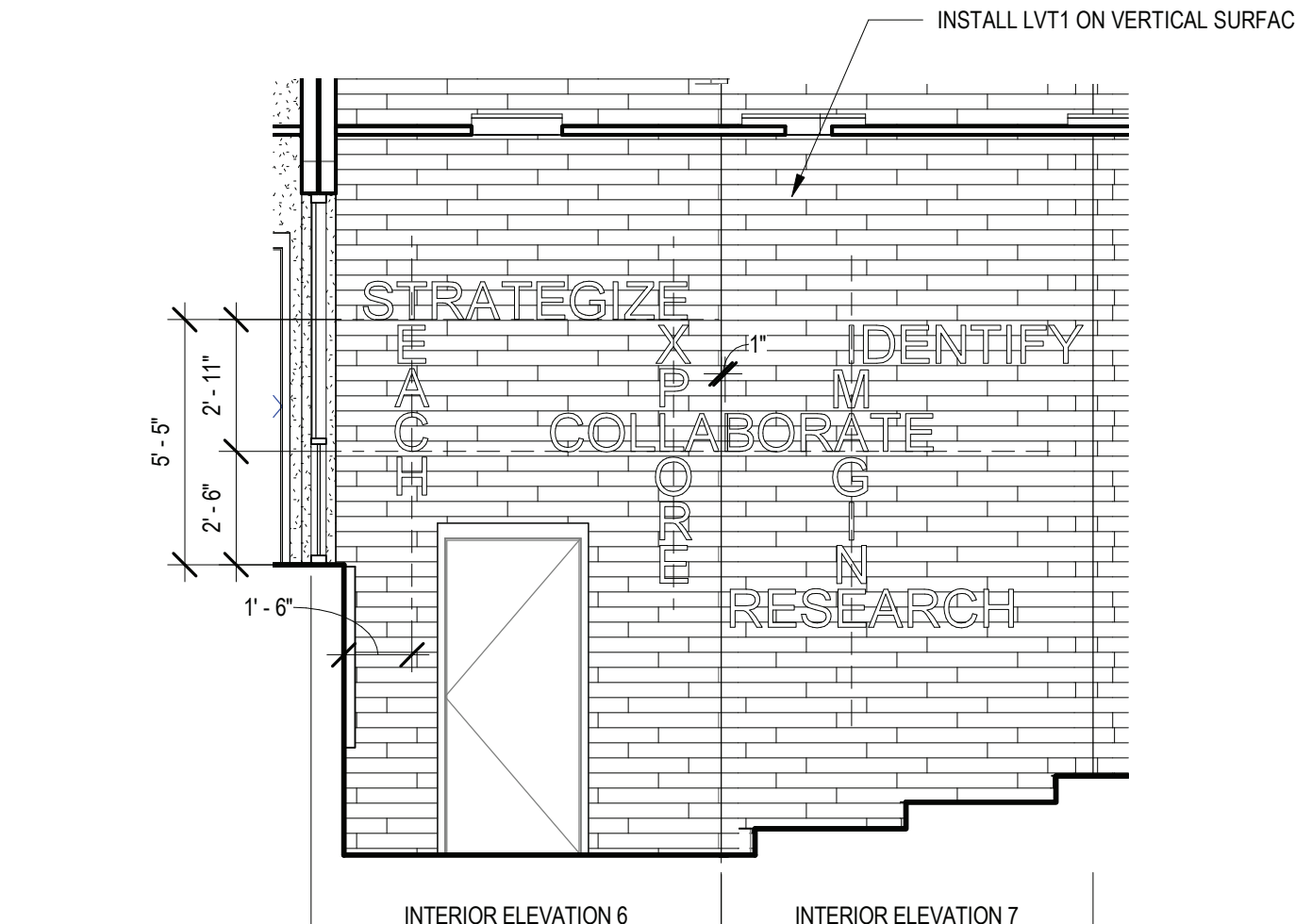
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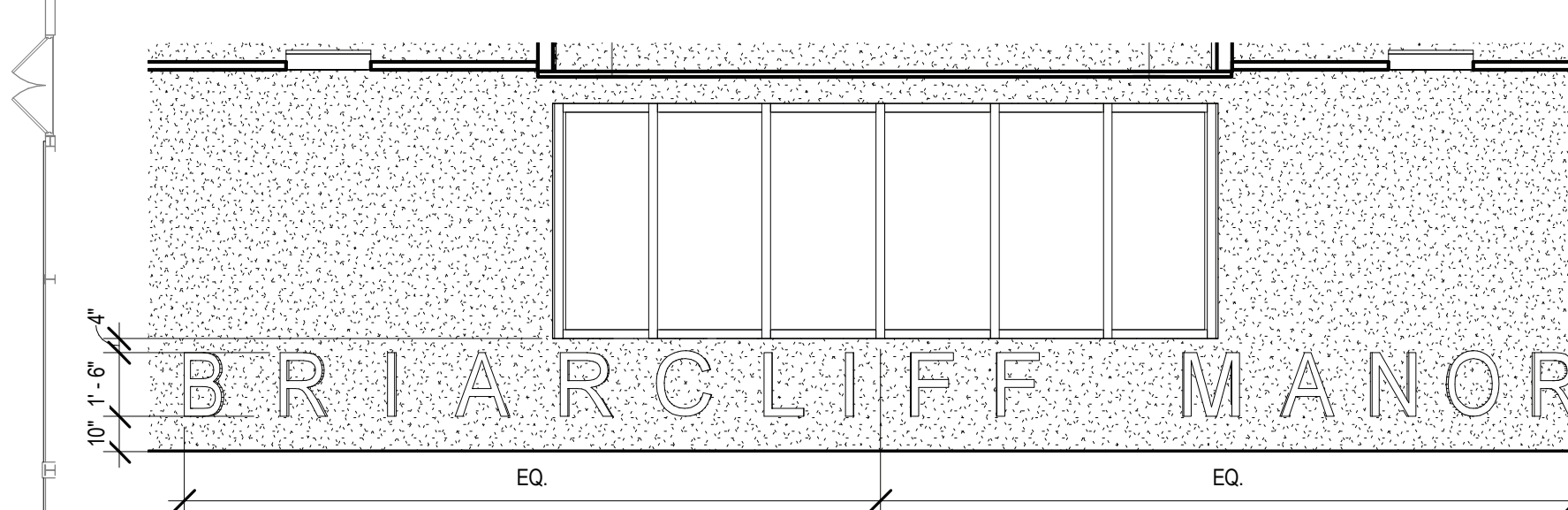
4 SLE SIGNAGE



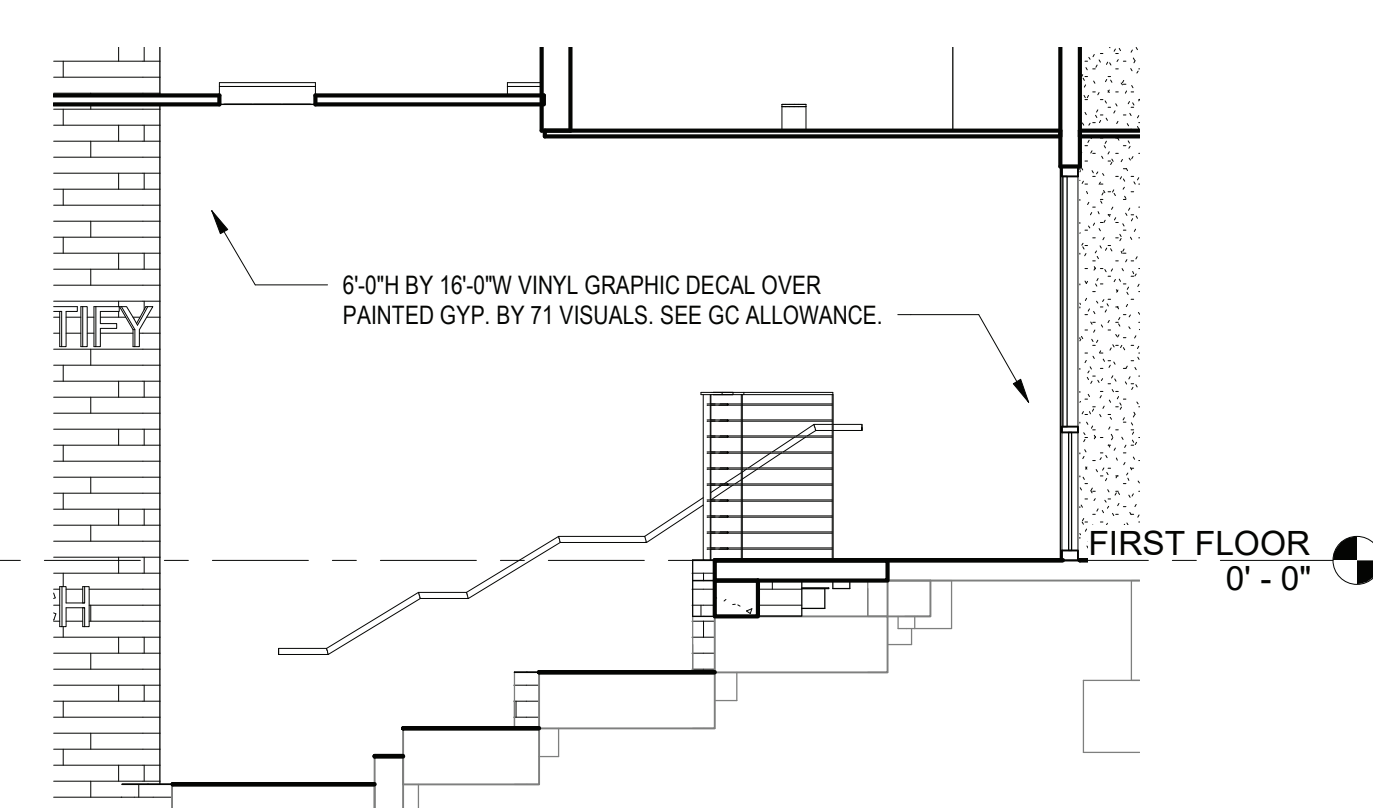
## 5 CAFETERIA SIGNAGE



6A AMPHITHEATER SIGNAGE



7 BRIARCLIFF MANOR SIGNAGE

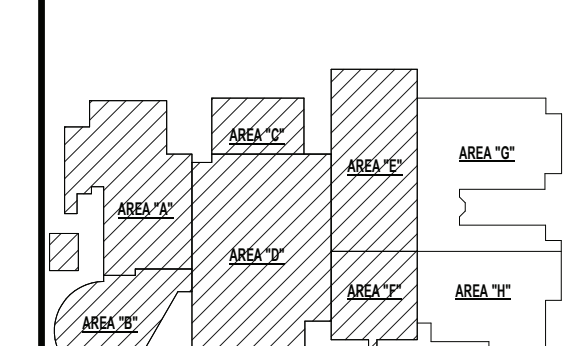


8 AMPHITHEATER GRAPHIC

NOTICE

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KEY PLAN

NO SCALE



BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROJECT	GTITLE
---------	--------

PRC	DW
DRWG. BY:	C.M.

CHK. BY: G.E.O.

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ARCHITECTS  
THE ARCHITECT OR ENGINEER.

**BBS**

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SED No.

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT  
PHASE 2 BOND IMPROVEMENTS

DWG TITLE FINISH FLOOR PLAN

SCALE: \_\_\_\_\_ AS NOTED  
DATE: \_\_\_\_\_ -

BID P/U DATE:	11/14/2022
FILE NO.	21-274C

A9.02	HSMS
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## TYPICAL REFLECTED CEILING NOTES

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1. ALL CEILING TILES TO BE AT-1, U.O.N. REFER TO FINISH SCHEDULE FOR ADD'L INFO.
2. ALL CEILING GRID TO BE '1516' PRELUDE BY 'ARMSTRONG', U.O.N.
3. CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND/OR ELECTRICAL CEILING ITEMS, REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR ADD'L INFO.
4. ALL FIXTURES SHALL BE CENTERED WITHIN THE GRID, U.O.N.
5. SUPPORT OF ALL ARCHITECTURAL COMPONENTS (I.E. HUNG CEILING SYSTEMS, GRIDS, ETC.) SHALL BE INSTALLED TO WITHSTAND SEISMIC LOADS IN ACCORDANCE WITH THE IBC SEISMIC DESIGN CATEGORY 'B' AND IMPORTANCE FACTOR 1.0. BASED UPON THE ABOVE, NO SPECIFIC SEISMIC RESTRAINTS ARE REQUIRED.
6. ALL ACOUSTICAL HUNG CEILING GRID SYSTEMS SHALL BE INSTALLED IN CONFORMANCE WITH ASTM, C636 "STANDARD PRACTICE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LATH-IN PANELS" REQUIREMENTS.
7. ALL LIGHTING FIXTURES REMAIN EXCEPT WHERE NOTED. ELECTRICAL CONTRACTOR TO DE-ENERGIZE DURING DEMOLITION AND INSTALLATION OF NEW CEILING. ELECTRICAL CONTRACTOR TO RE-INSTALL ALL OTHER ELECTRICAL DEVICES (SPEAKERS, SMOKE DETECTORS, FIRE ALARM STROBES, ETC.) WHETHER NOTED ON PLAN OR NOT. REFER TO ELECTRICAL DRAWINGS FOR ADD'L INFO.
8. CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION W/ NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
9. PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERACTIONS AND WHERE INDICATED ON PLAN. REFER TO WALL SECTIONS AND SPECIFICATIONS.
10. ALL AREAS NOTED AS 'OPEN AND/OR NO CEILING (CLG)' SHALL BE PAINTED, (INCLUDING DECK, STRUCTURE, DUCTWORK, ETC.)

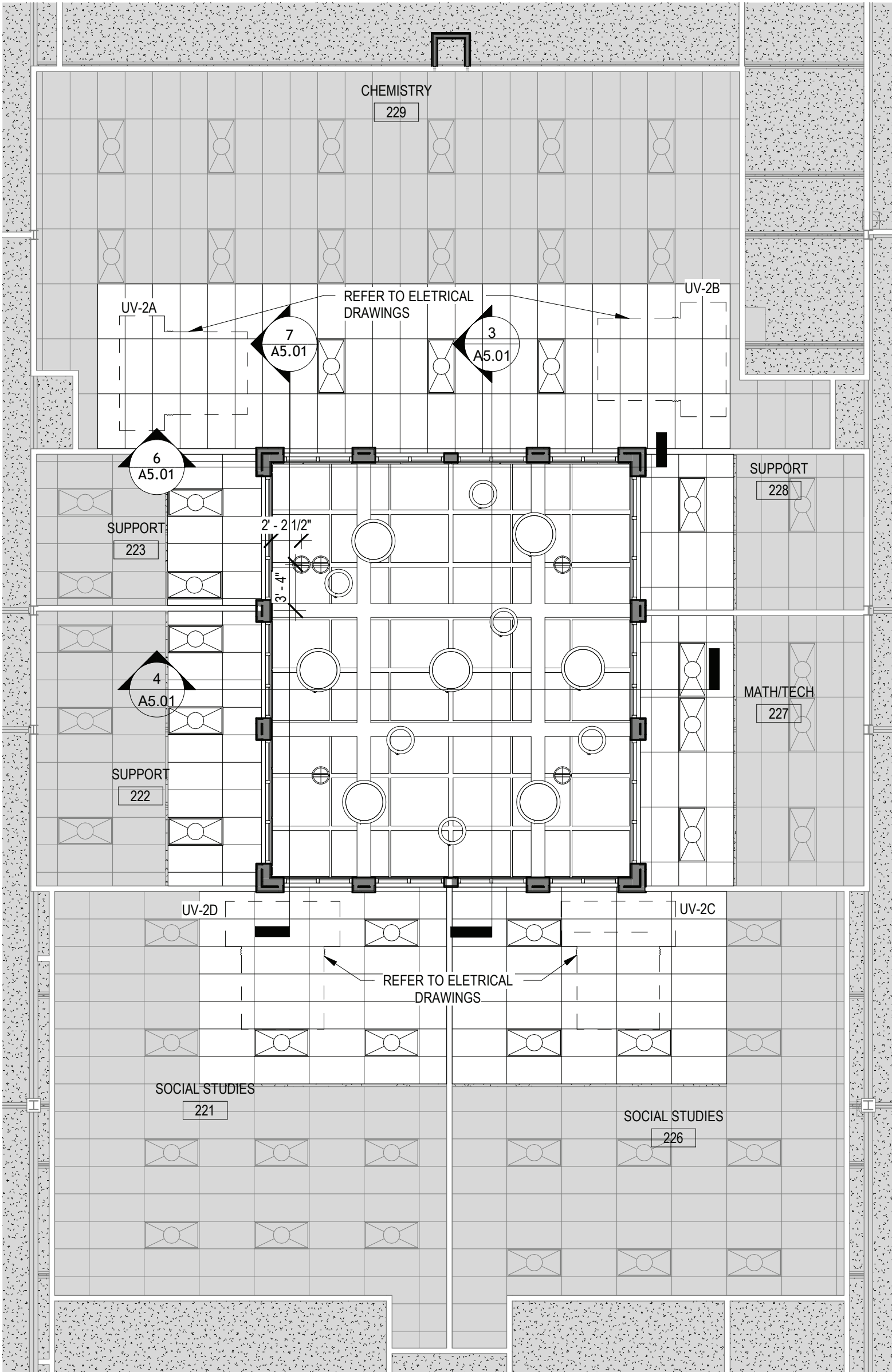
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FLOOR PLAN LEGEND	
<div></div>	AREA NOT IN CONTRACT U.O.N.



1 SECOND FLOOR REFLECTED CEILING PLAN - AREA D  
SCALE: 1/8" = 1'-0"

SYMBOL LEGEND	
NAME No. X'-X" X'-X"	ROOM TAG, CEILING TILE TYPE and FINISH CEILING ELEVATION (ABOVE FINISH FLOOR)
NO CEILING (CLG)	OPEN TO STRUCTURE AND DECK ABOVE - PAINT (G.C.)
	NEW 2x2' SUSPENDED ACOUSTICAL CEILING AND GRID - SEE FINISH SCHEDULE (G.C.)
	EXISTING 2x2' SUSPENDED ACOUSTICAL CEILING AND GRID
	GYP SUM BOARD SOFFIT OVER METAL FRAMING - TAPE, SPACKLE & PAINT (G.C.)
	RECESSED LIGHT FIXTURE. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	LINEAR PENDANT LIGHT FIXTURE. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	PENDANT LIGHT FIXTURE. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	EXIT SIGN. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	CEILING MOUNTED SPEAKER. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	SMOKE/HEAT DETECTORS. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	OCCUPANCY SENSOR. REFER TO ELECTRICAL DWGS. FOR ADDITIONAL INFO. (E.C.)
	CEILING GRILLE/REGISTER. REFER TO MECHANICAL DWGS. FOR ADDITIONAL INFO (M.C.)
	CEILING MOUNTED UNIT VENTILATOR. REFER TO MECHANICAL DWGS. FOR ADDITIONAL INFO (M.C.)
	16" x 16" ACCESS PANEL. TO BE PAINTED SAME COLOR AS GYP. BD. CEILING.
	24" x 12" CORD REEL PLENUM RATED ENCLOSURE. REFER TO DETAIL 17/A10.10 FOR MORE INFO.
	COMPACT CEILING FAN. SEE MECHANICAL DRAWINGS FOR MORE INFO.
	PROPOSED SKYLIGHT. REFER TO A3.02
	OCCUPANCY SENSOR/VACANCY SENSOR/ DAYLIGHT SENSOR. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFO. (E.C.)
	WALL MOUNTED STROBE NOTIFICATION DEVICE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFO. (E.C.)
C.J.	CEILING DRYWALL VEE CONTROL JOINT. PAINT
	MOUNTED EMERGENCY LIGHT DEVICE. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFO. (E.C.)

TYPICAL REFLECTED CEILING NOTES	
1.	ALL CEILING TILES TO BE AT-1, U.O.N. REFER TO FINISH SCHEDULE FOR ADD'L INFO.
2.	ALL CEILING GRID TO BE 15/16" PRELUDE BY "ARMSTRONG", U.O.N.
3.	CEILING PLANS MAY NOT INDICATE ALL MECHANICAL AND/OR ELECTRICAL CEILING ITEMS. REFER TO ELECTRICAL & MECHANICAL DRAWINGS FOR ADD'L INFO.
4.	ALL FIXTURES SHALL BE CENTERED WITHIN THE GRID, U.O.N.
5.	SUPPORT OF ALL ARCHITECTURAL COMPONENTS (I.E. HUNG CEILING SYSTEMS, GRIDS, ETC.) SHALL BE INSTALLED TO WITHSTAND SEISMIC LOADS IN ACCORDANCE WITH THE IBC SECTION 1621, FOR SEISMIC DESIGN CATEGORY 'B' AND IMPORTANCE FACTOR 1.0. BASED UPON THE ABOVE, NO SPECIFIC SEISMIC RESTRAINTS ARE REQUIRED.
6.	ALL ACOUSTICAL HUNG CEILING GRID SYSTEMS SHALL BE INSTALLED IN CONFORMANCE WITH ASTM C636 "STANDARD PRACTICE FOR INSTALLATION OF METAL CEILING SUSPENSION SYSTEMS FOR ACOUSTICAL TILE AND LAY-IN PANELS" REQUIREMENTS.
7.	ALL LIGHTING FIXTURES REMAIN EXCEPT WHERE NOTED. ELECTRICAL CONTRACTOR TO DE-ENERGIZE DURING DEMOLITION AND INSTALLATION OF NEW CEILING. ELECTRICAL CONTRACTOR TO RE-INSTALL ALL OTHER ELECTRICAL DEVICES (SPEAKERS, SMOKE DETECTORS, FIRE ALARM STROBES, ETC.) WHETHER NOTED ON PLAN OR NOT. REFER TO ELECTRICAL DRAWINGS FOR ADD'L INFO.
8.	CEILING GRID SHALL BE ARRANGED TO BE SPACED EQUALLY IN EACH DIRECTION W/ NO TILE LESS THAN 6" UNLESS OTHERWISE REQUIRED.
9.	PROVIDE CEILING EXPANSION JOINT AT ALL NEW TO EXISTING INTERACTIONS AND WHERE INDICATED ON PLAN. REFER TO WALL SECTIONS AND SPECIFICATIONS.
10.	ALL AREAS NOTED AS 'OPEN AND/OR 'NO CEILING (CLG)' SHALL BE PAINTED. (INCLUDING DECK, STRUCTURE, DUCTWORK, ETC.)

FIRE STOP/ACOUSTICAL SEALING NOTES	
1.	ALL PIPING PENETRATIONS THROUGH CORRIDOR WALLS AS WELL AS ALL FIRE RATED WALLS (SUCH AS STORAGE ROOMS, CLOSETS, BOILER ROOMS, ETC) AND ALL OTHER FIRE RATED FLOORS OR STRUCTURES SHALL BE FIRE STOPPED.
2.	ALL PENETRATIONS THROUGH ALL OTHER WALLS, FLOORS, ETC. (I.E. CLASSROOMS AND LIBRARIES) SHALL BE ACOUSTICALLY SEALED IN ACCORDANCE WITH ANSI S12.60-2002 REQUIREMENTS. THE SEALANT MATERIALS SHALL BE "SPEC-SEAL, SMOKE AND SOUND ACOUSTIC SEALANT" AS MANUFACTURED BY STI. OR ARCHITECT APPROVED EQUAL. SEALANT SHALL MEET ASTM C919 FOR SEALANTS IN ACOUSTICAL APPLICATIONS.
3.	THE FIRE STOP MATERIALS SHALL BE HILTI TYPE FS-657 FIRE BLOCK, FS-ONE SEALANT, CP-672 JOINT SPRAY, CP-601S ELASTOMERIC SEALANT, 6P-606 FLEXIBLE SEALANT, CP-643 OR CP-642 COLLAR, CP-618 PUTTY STICK, OR FS-635 TROWEL ABLE COMPOUND, AS SUITABLE.
4.	CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRODUCTS TO BE USED FOR APPROVAL BY ARCHITECT.
5.	FIRESTOP MATERIALS OTHER THAN HILTI SHALL INCLUDE FULL TECHNICAL DATA WITH SHOP DRAWINGS TO DEMONSTRATE EQUALITY WITH THE SPECIFIED FIRE STOPS.

REV.	DATE	ITEM

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PROJECT	BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510
	REFLECTED CEILING SECOND FLOOR PLAN - AREA D
DWG TITLE	

DWG. BY:	J.N.
CHK. BY:	G.E.O.

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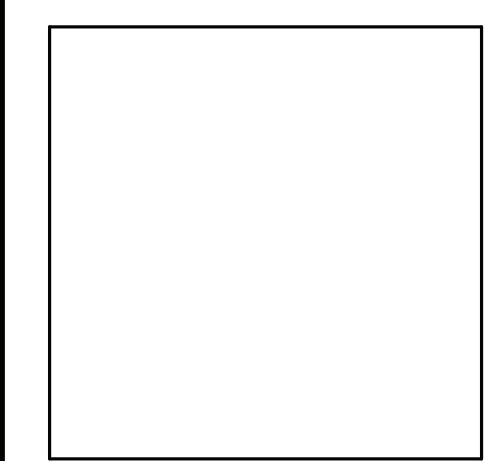
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ARCHITECTS  
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187 WOLF ROAD, STE. 205  
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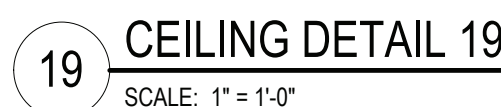
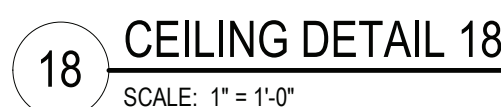
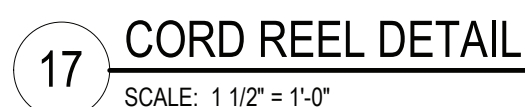
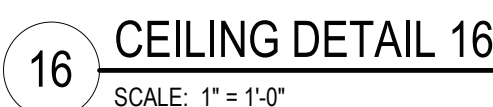
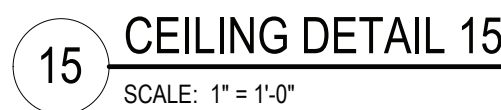
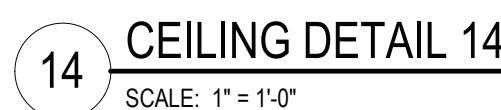
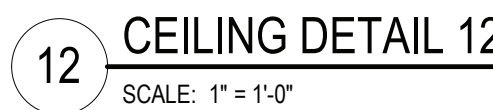
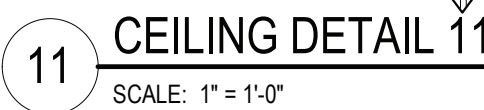
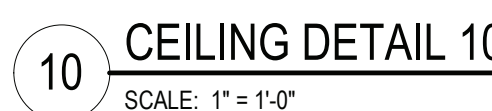
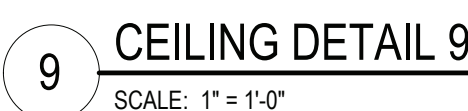
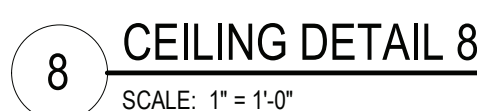
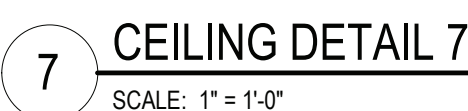
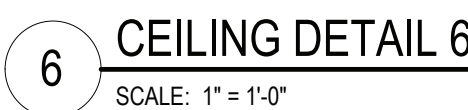
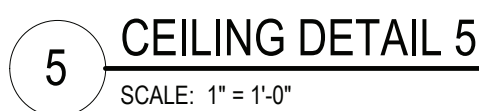
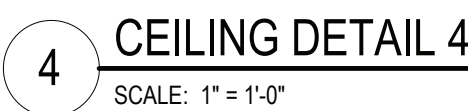
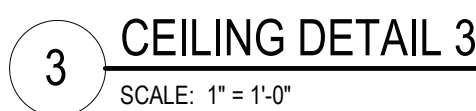
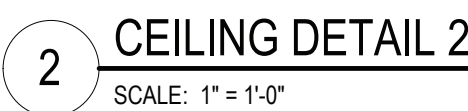
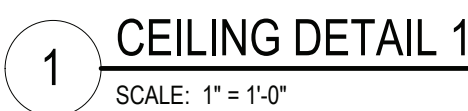
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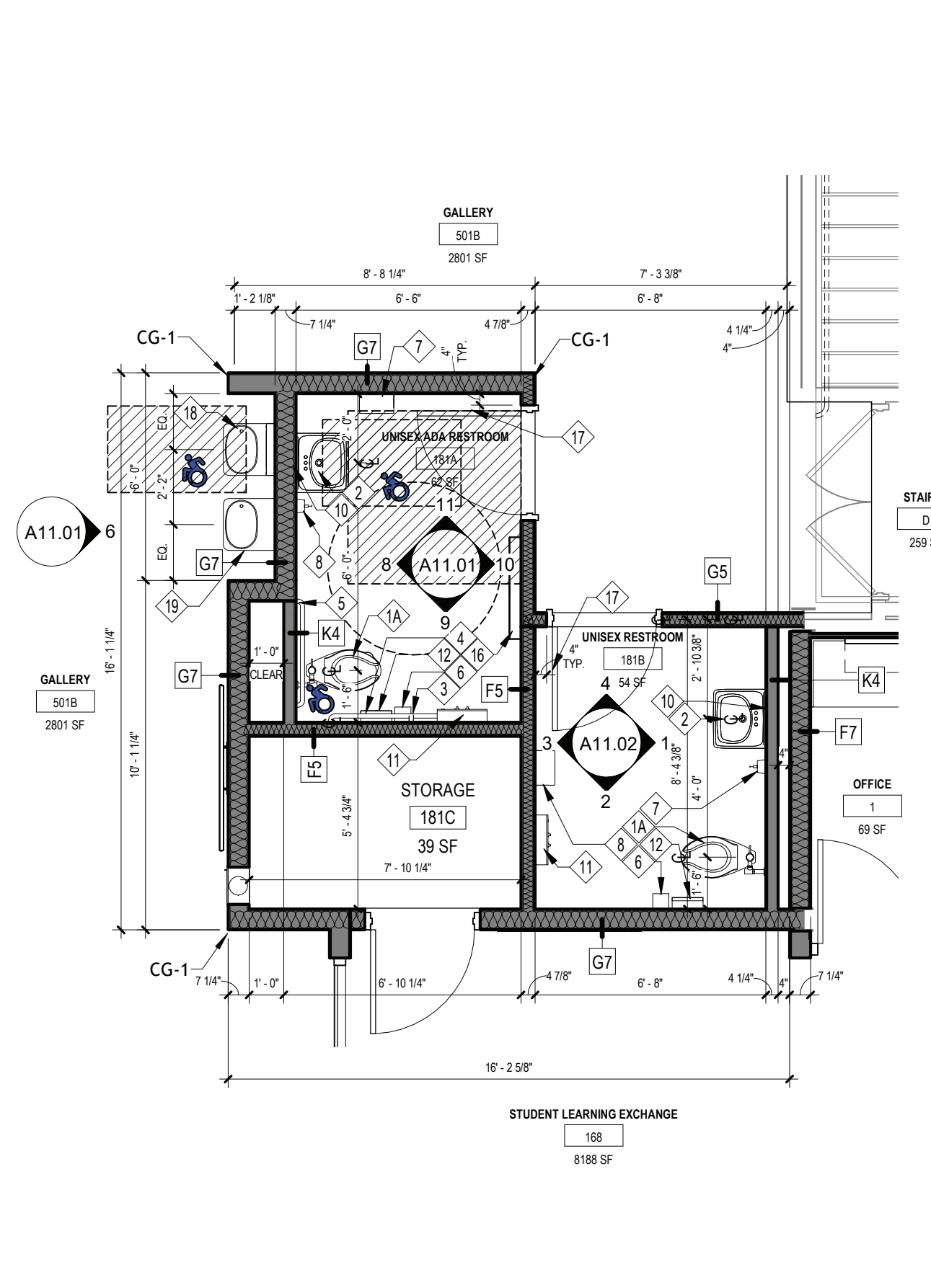
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DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG TITLE	REFLECTED CEILING SECOND FLOOR PLAN - AREA D
SCALE:	AS NOTED
DATE:	-
BID PAU DATE:	11/14/2022
FILE NO.	21-274C



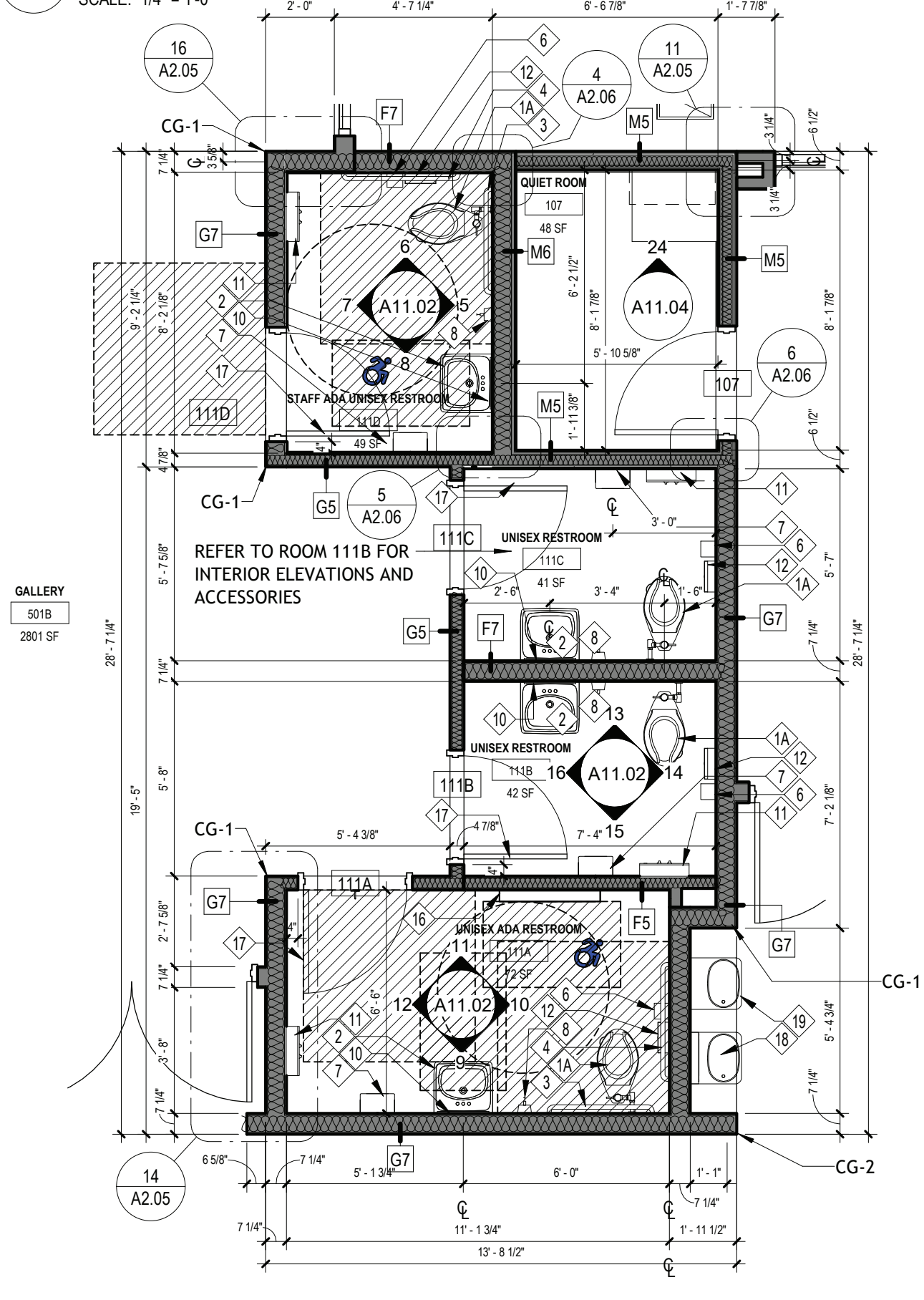


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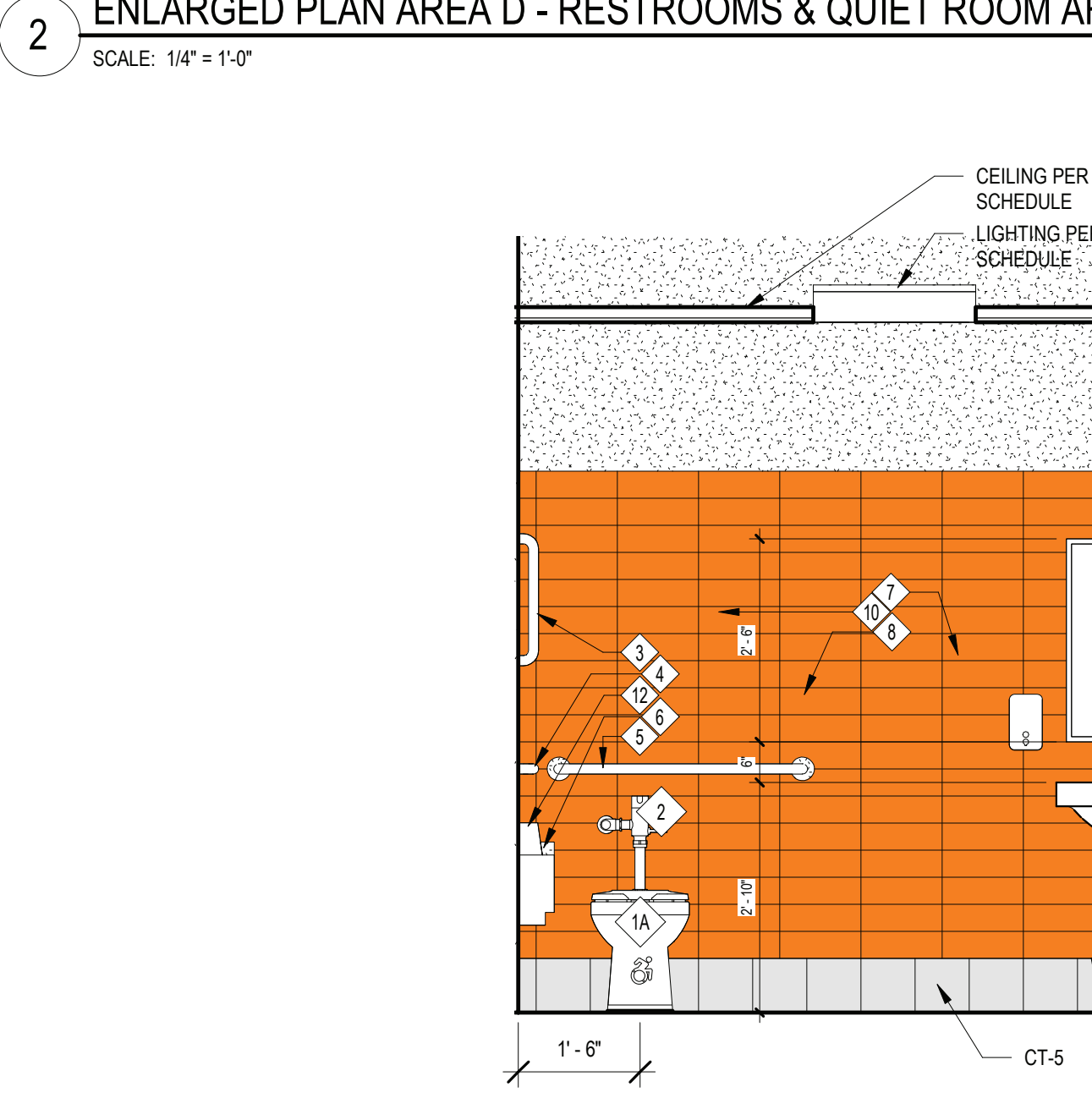




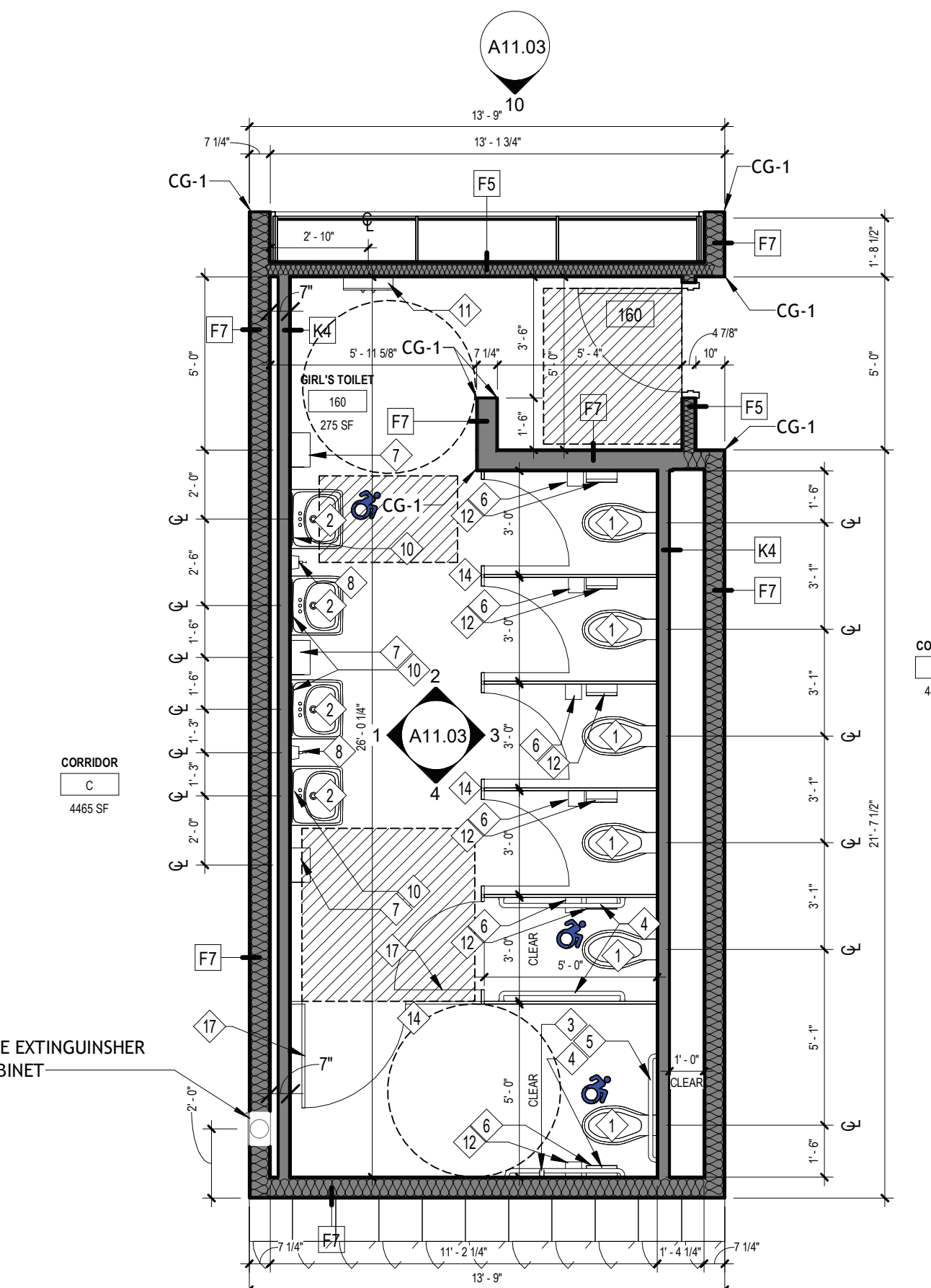
1 ENLARGED PLAN - AREA D - UNISEX RESTROOM  
SCALE: 1/4" = 1'-0"



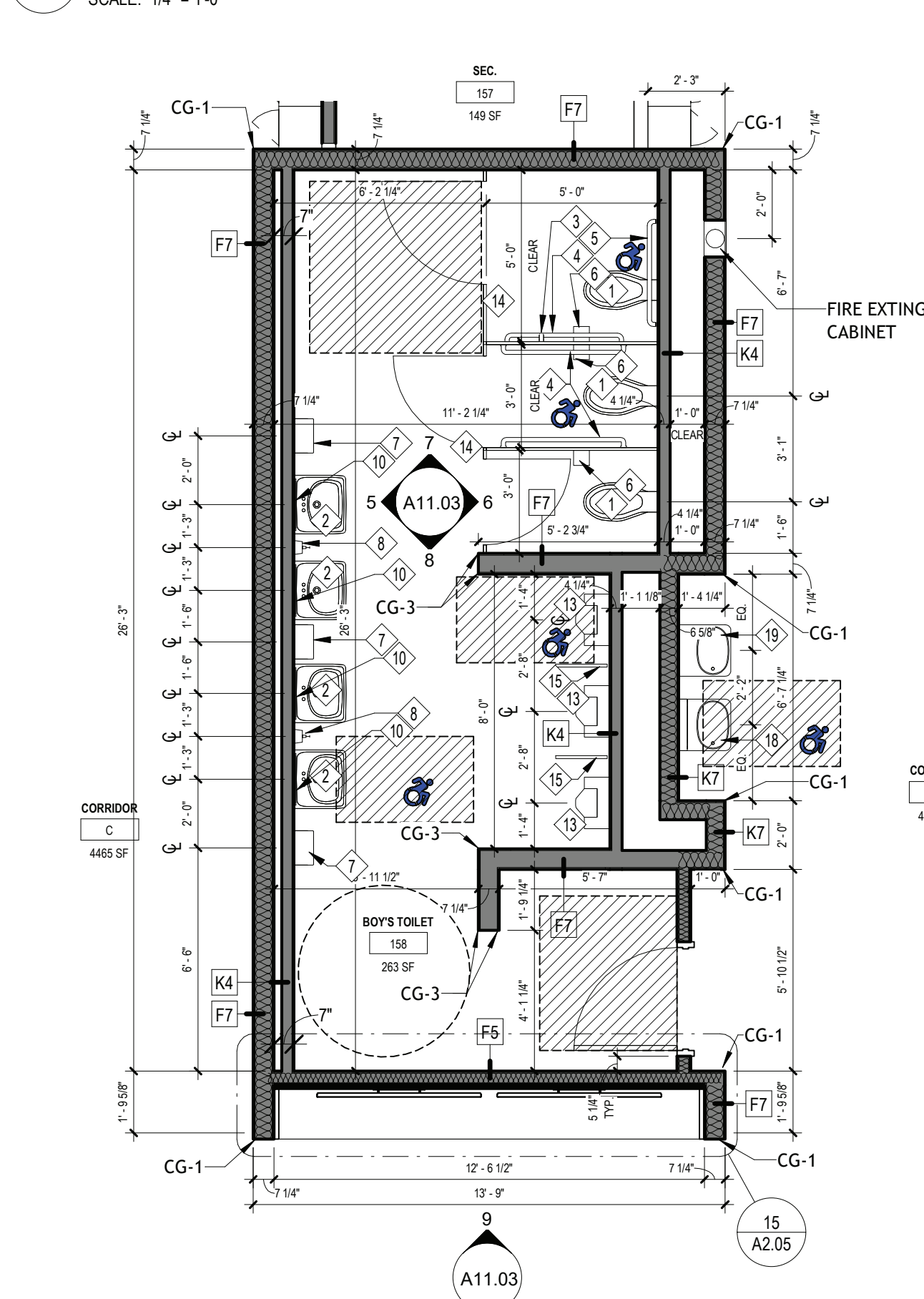
2 ENLARGED PLAN AREA D - RESTROOMS & QUIET ROOM AREA  
SCALE: 1/4" = 1'-0"



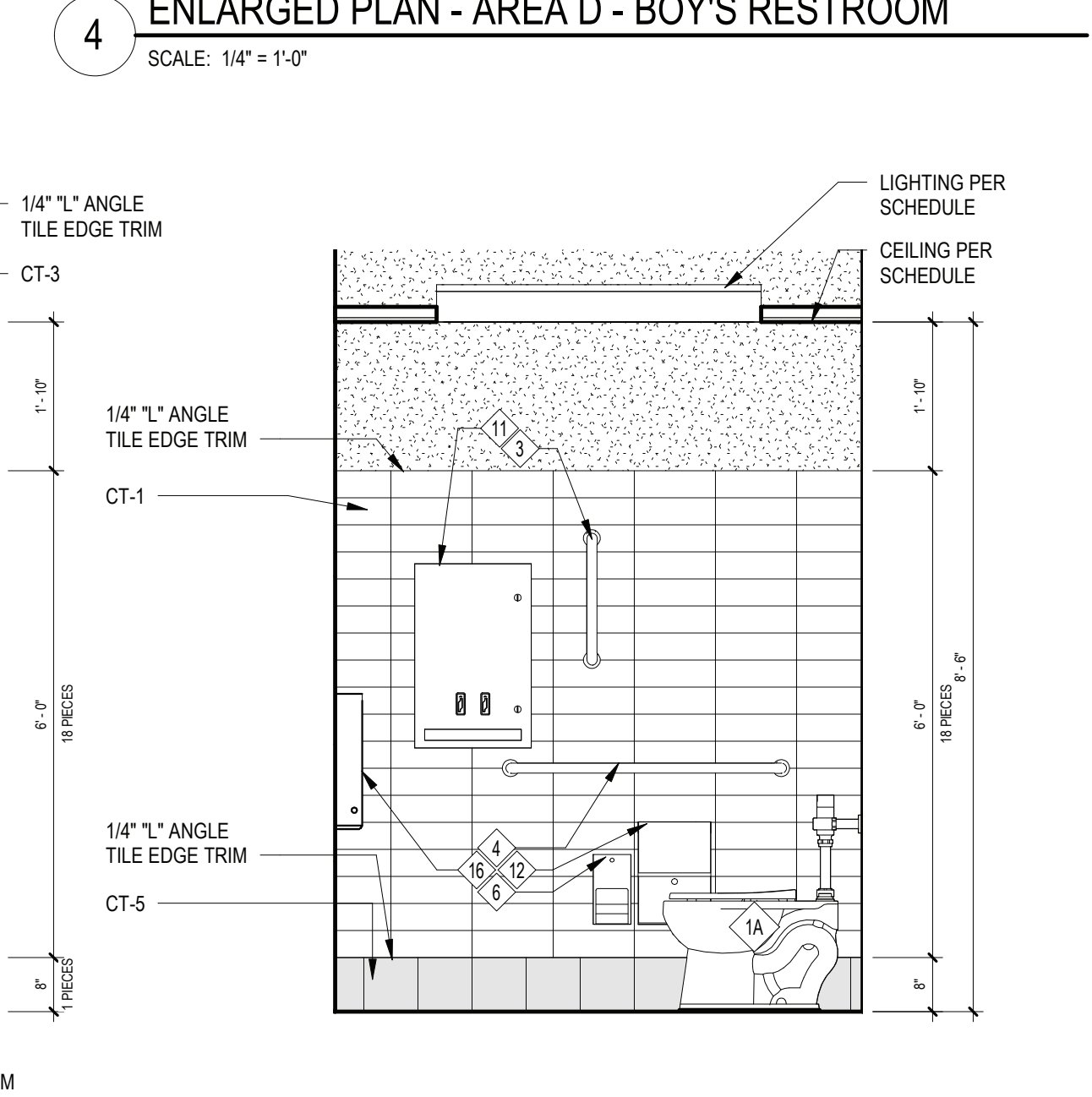
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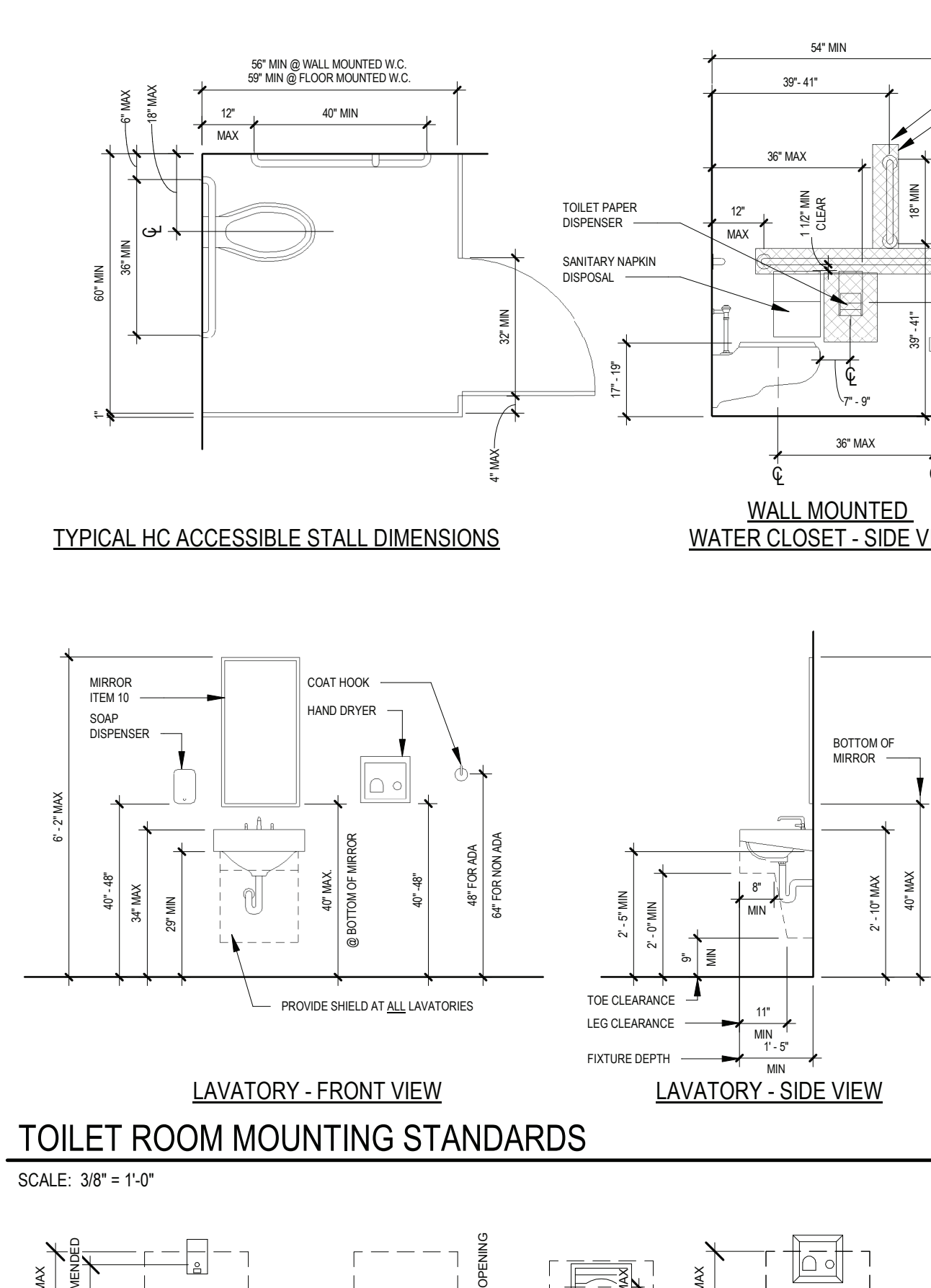
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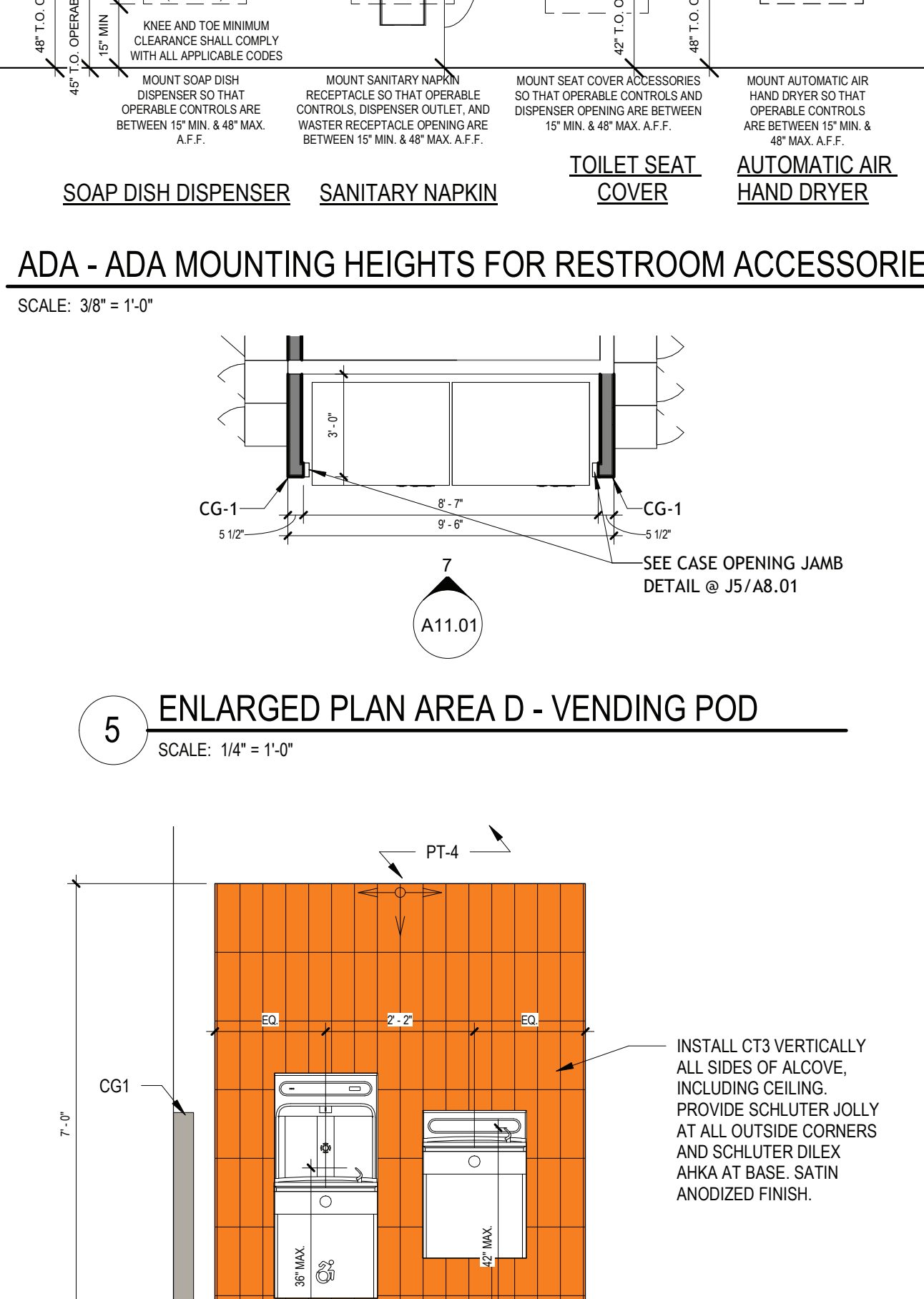
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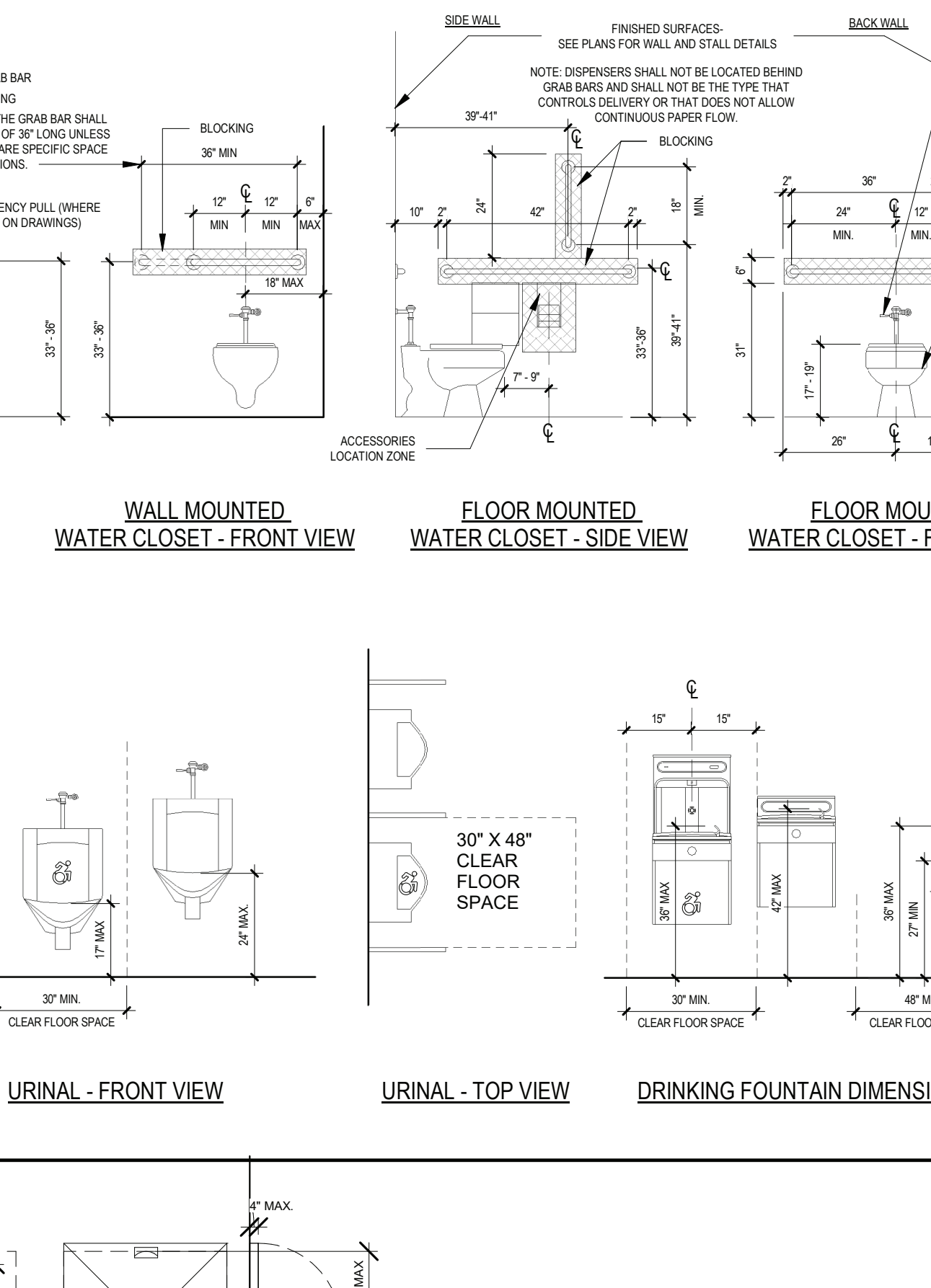
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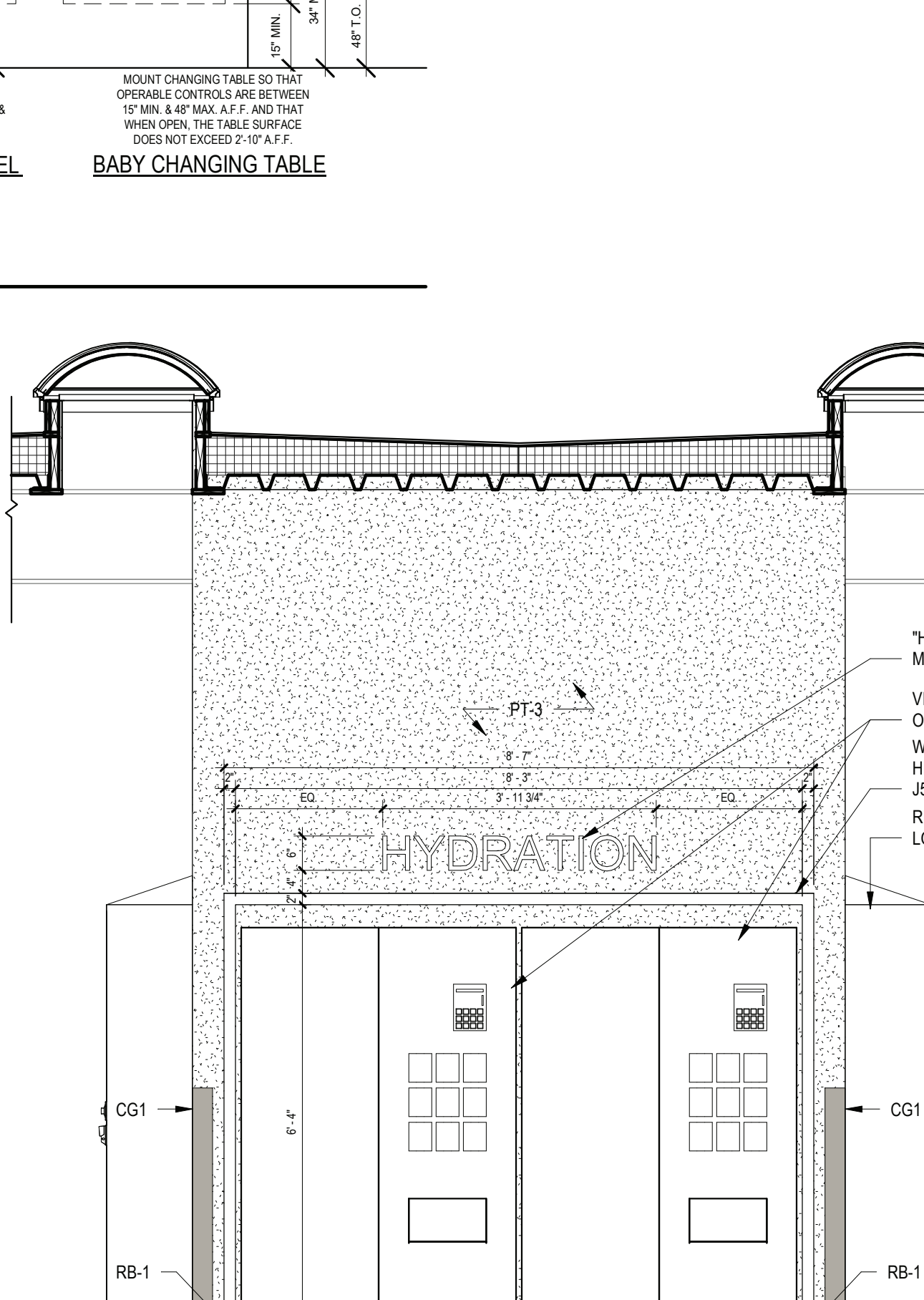
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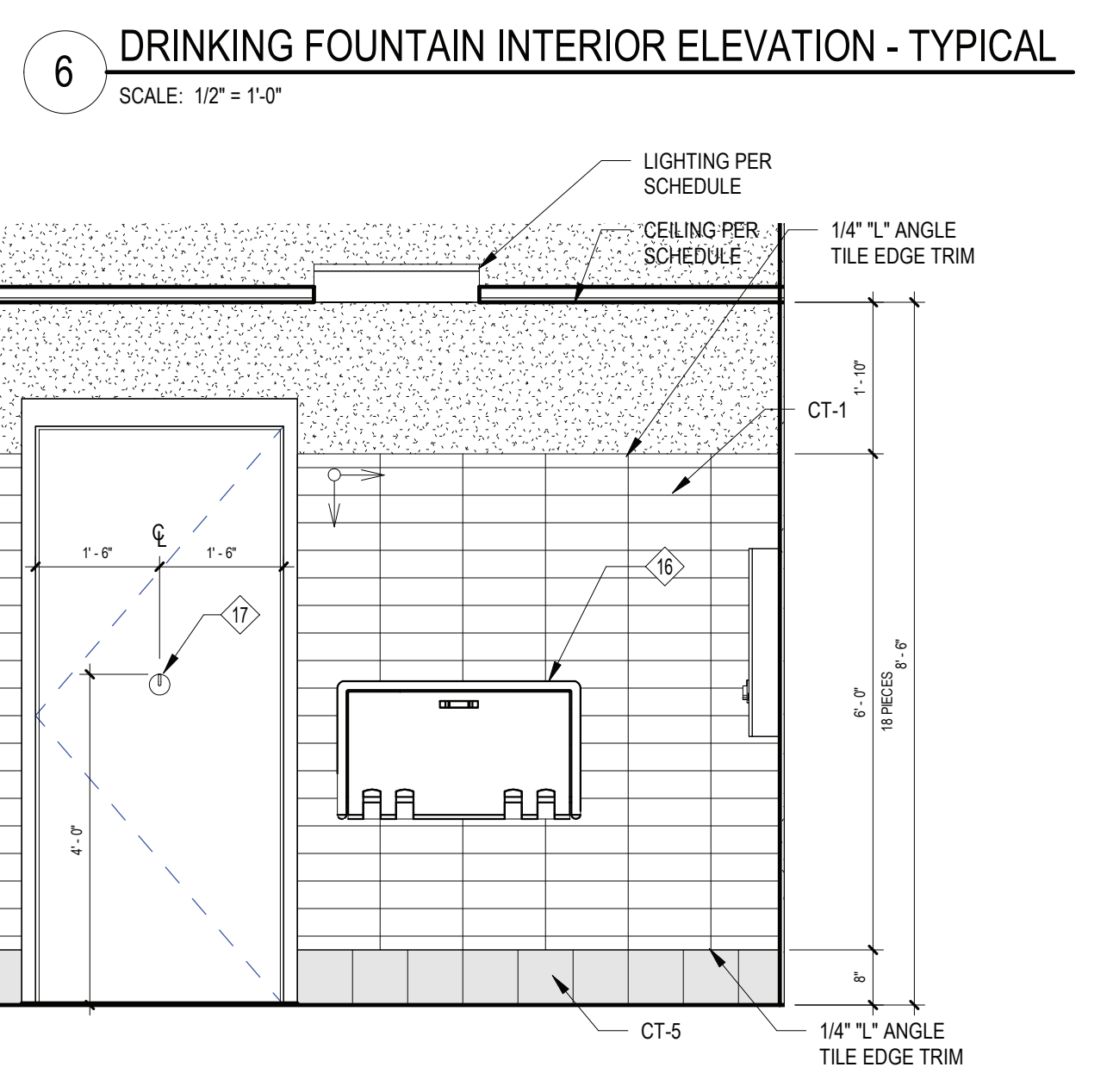
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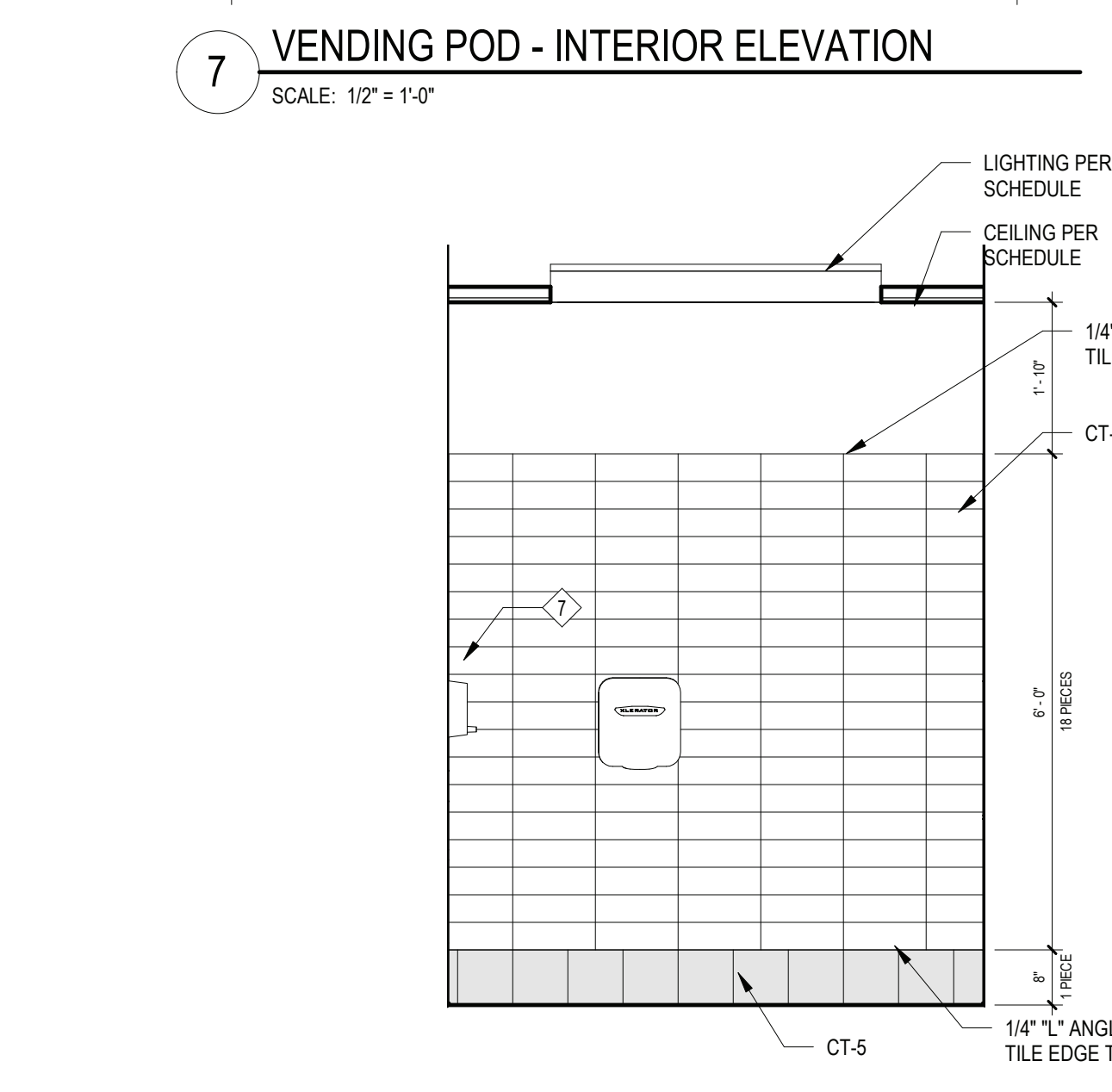
6 DRINKING FOUNTAIN INTERIOR ELEVATION - TYPICAL  
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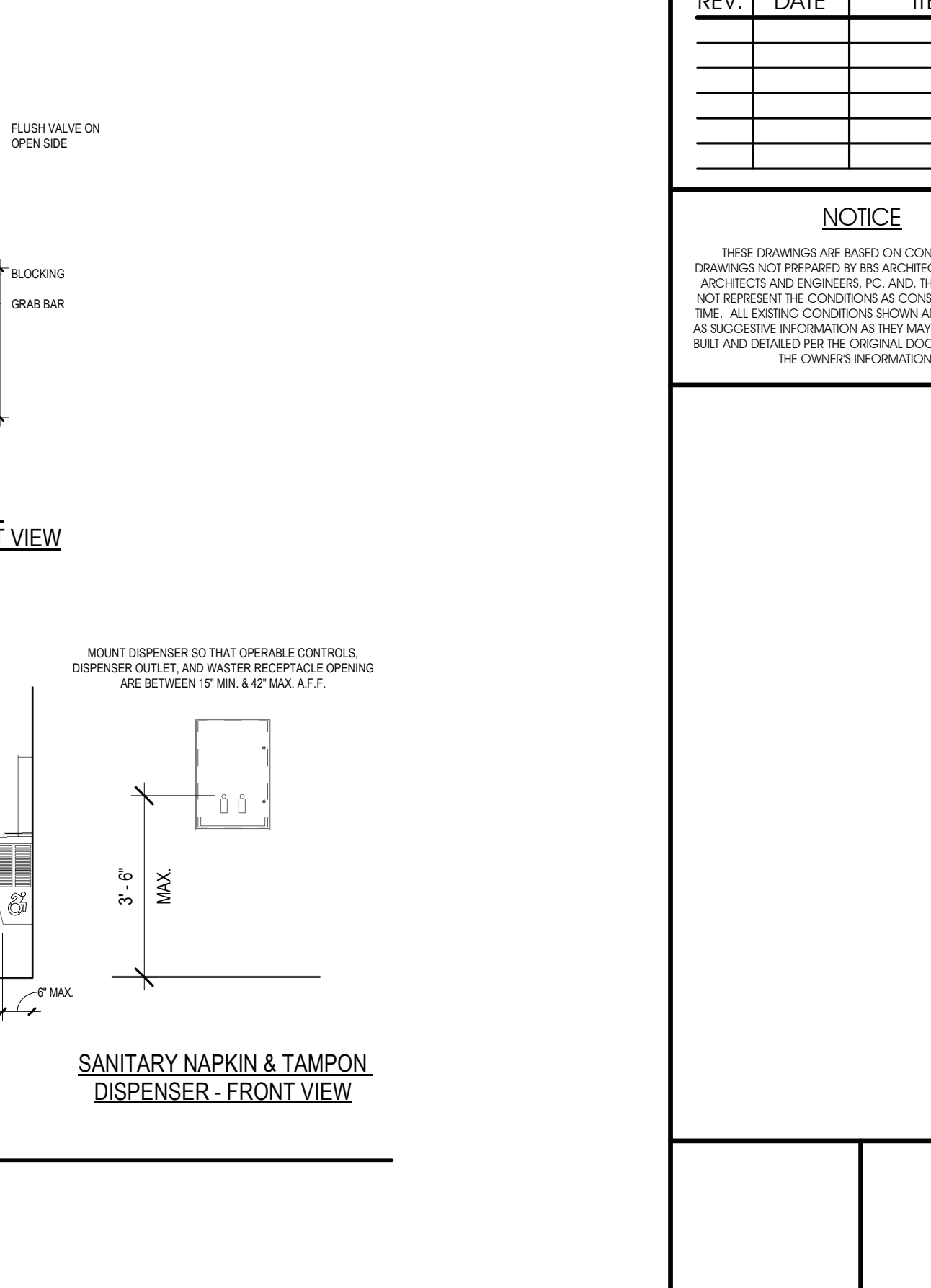
7 VENDING POD - INTERIOR ELEVATION  
SCALE: 1/2" = 1'-0"



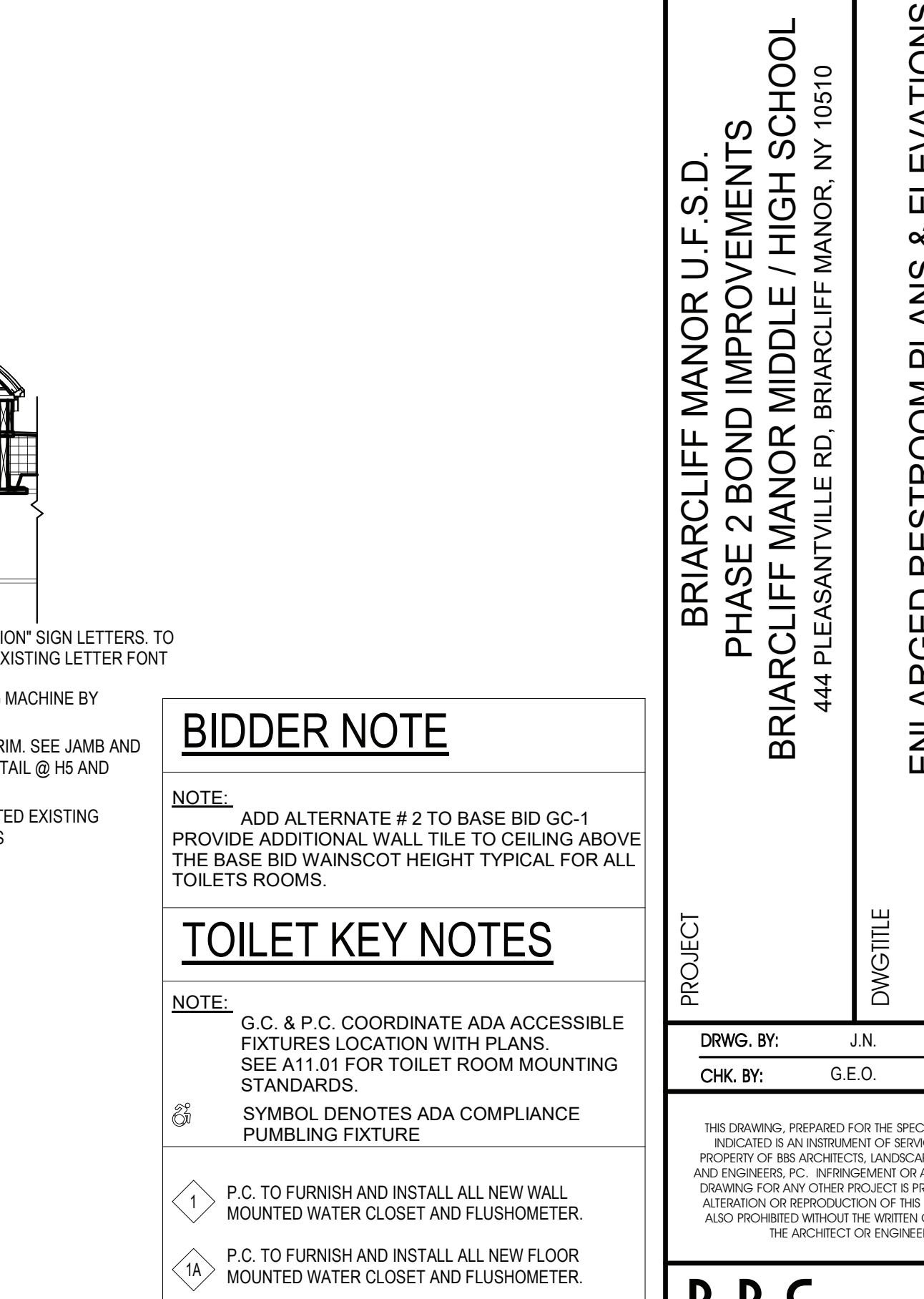
TYPICAL HC ACCESSIBLE STALL DIMENSIONS



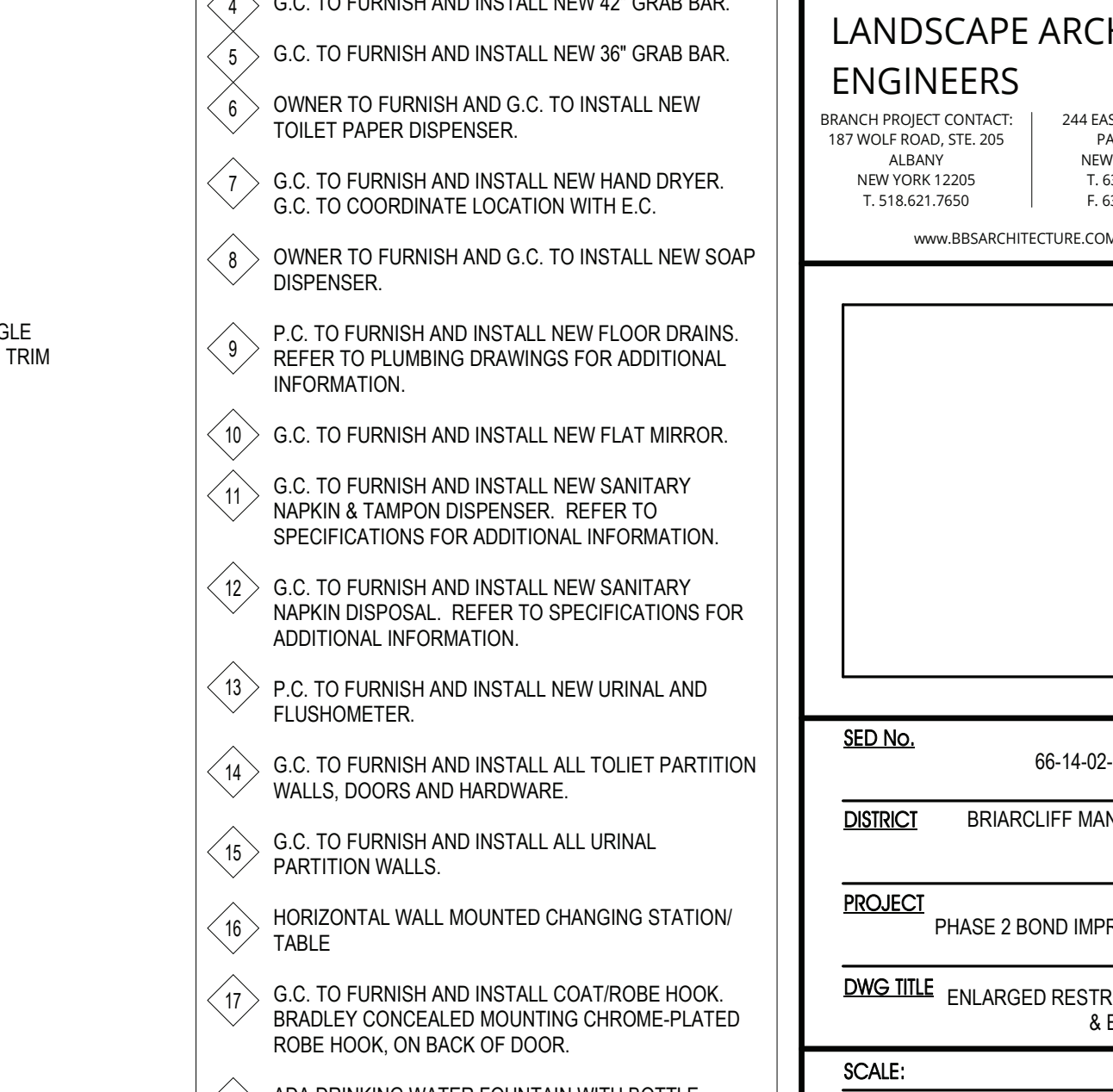
WALL MOUNTED WATER CLOSET - SIDE VIEW



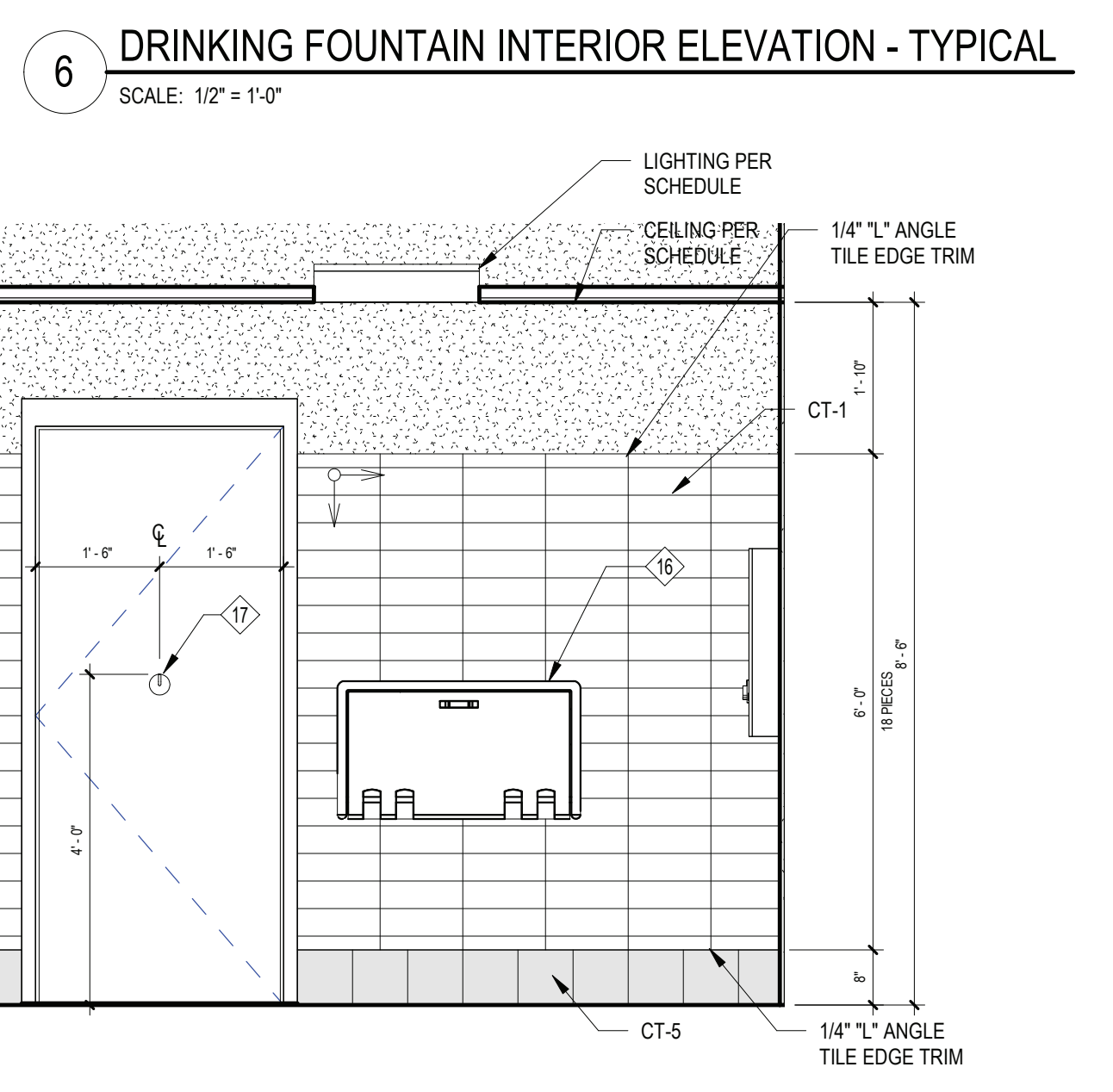
WALL MOUNTED WATER CLOSET - FRONT VIEW



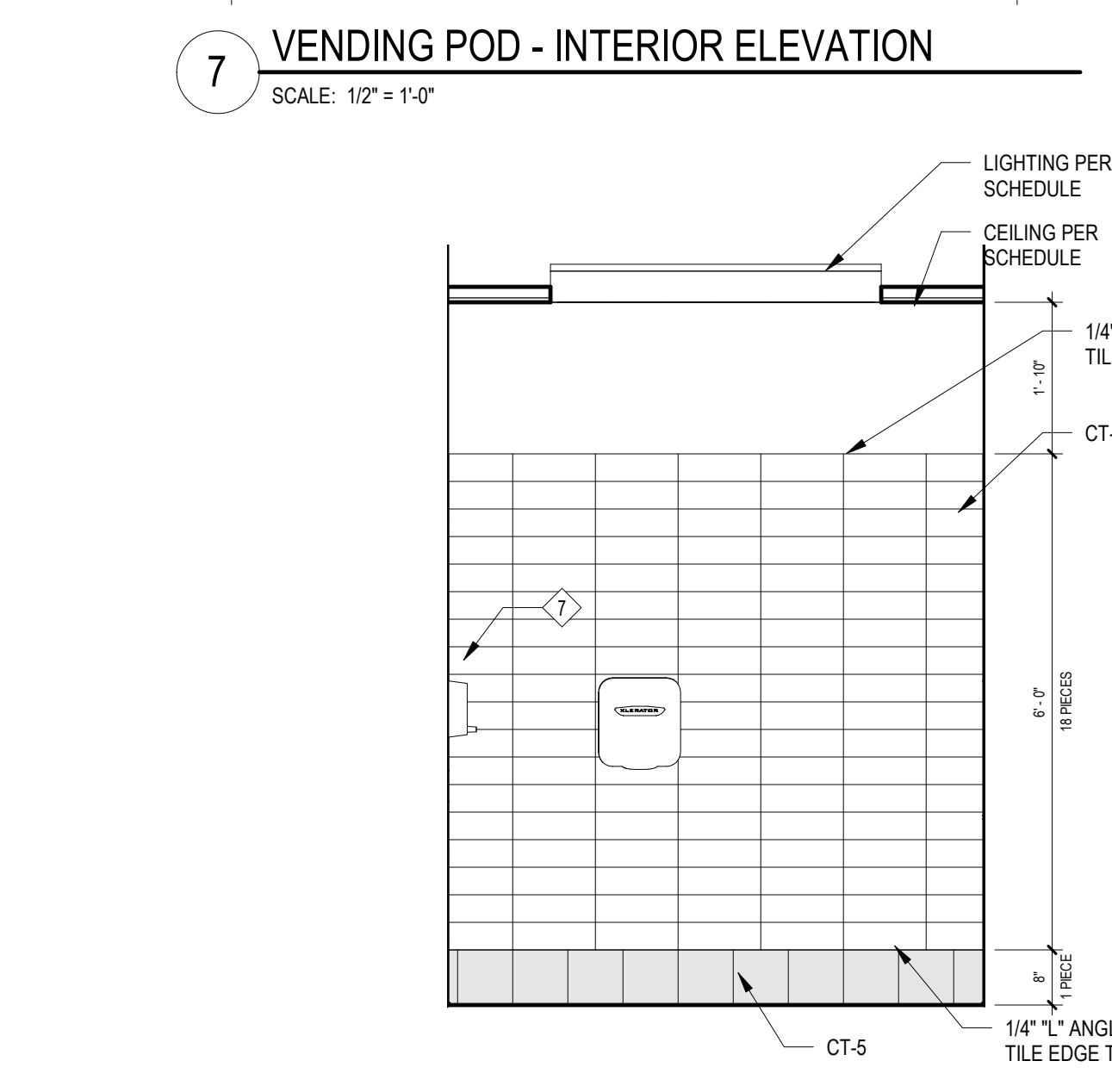
FLOOR MOUNTED WATER CLOSET - SIDE VIEW



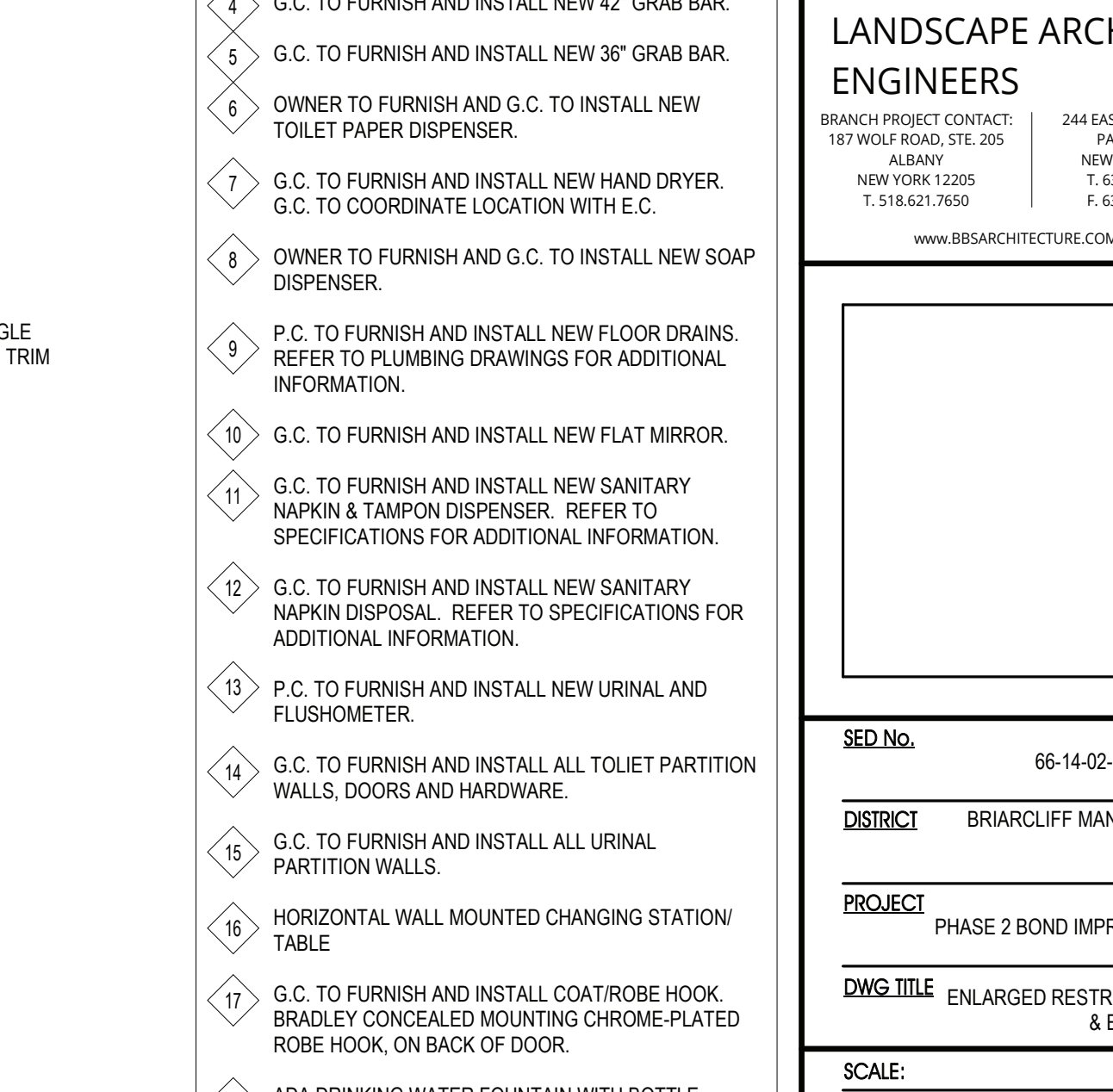
FLOOR MOUNTED WATER CLOSET - FRONT VIEW



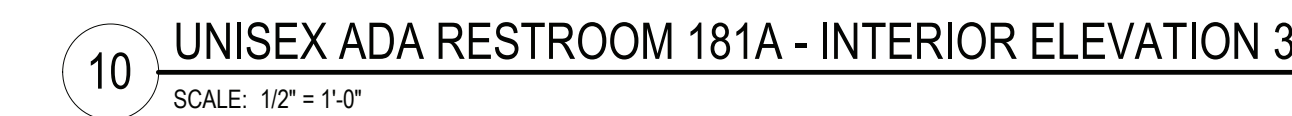
URINAL - FRONT VIEW



URINAL - TOP VIEW



DRINKING FOUNTAIN DIMENSIONS



SANITARY NAPKIN & TAMPON DISPENSER - FRONT VIEW

REV.	DATE	ITEM

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**BRIARCLIFF MANOR U.F.S.D.**  
**PHASE 2 BOND IMPROVEMENTS**  
**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**ENLARGED RESTROOM PLANS & ELEVATIONS**

**BIDDER NOTE**

**NOTE:** ADD ALTERNATE #2 TO BASE BID GC-1 PROVIDE ADDITIONAL WALL TILE TO CEILING ABOVE THE BASE BID WAINSCOT HEIGHT TYPICAL FOR ALL TOILETS ROOMS.

**TOILET KEY NOTES**

**NOTE:** G.C. & P.C. COORDINATE ADA ACCESSIBLE FIXTURES LOCATION WITH PLANS. SEE A11.01 FOR TOILET ROOM MOUNTING STANDARDS.

**SYMBOL DENOTES ADA COMPLIANCE PUMBLING FIXTURE**

- P.C. TO FURNISH AND INSTALL ALL NEW WALL MOUNTED WATER CLOSET AND FLUSHOMETER.
- P.C. TO FURNISH AND INSTALL NEW LAVATORY AND FAUCET.
- G.C. TO FURNISH AND INSTALL NEW 18" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW 42" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW 36" GRAB BAR.
- OWNER TO FURNISH AND G.C. TO INSTALL NEW TOILET PAPER DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW HAND DRYER. G.C. TO COORDINATE LOCATION WITH E.C.
- OWNER TO FURNISH AND G.C. TO INSTALL NEW SOAP DISPENSER.
- P.C. TO FURNISH AND INSTALL NEW FLOOR DRAINS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- G.C. TO FURNISH AND INSTALL NEW FLAT MIRROR.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN & TAMPON DISPENSER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN DISPOSAL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- P.C. TO FURNISH AND INSTALL NEW URINAL AND FLUSHOMETER.
- G.C. TO FURNISH AND INSTALL ALL TOILET PARTITION WALLS, DOORS AND HARDWARE.
- G.C. TO FURNISH AND INSTALL ALL URINAL PARTITION WALLS.
- HORIZONTAL WALL MOUNTED CHANGING STATION/ TABLE
- G.C. TO FURNISH AND INSTALL COATROBE HOOK. BRADLEY CONCEALED MOUNTING CHROME-PLATED ROBE HOOK, ON BACK OF DOOR.
- ADA DRINKING WATER FOUNTAIN WITH BOTTLE REFILLING STATION
- DRINKING WATER FOUNTAIN STATION

**SED NO.** 66-14-02-02-0-004-023

**DISTRICT** BRIARCLIFF MANOR U.F.S.D.

**PROJECT** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE** ENLARGED RESTROOM PLANS & ELEVATIONS

**SCALE:** AS NOTED

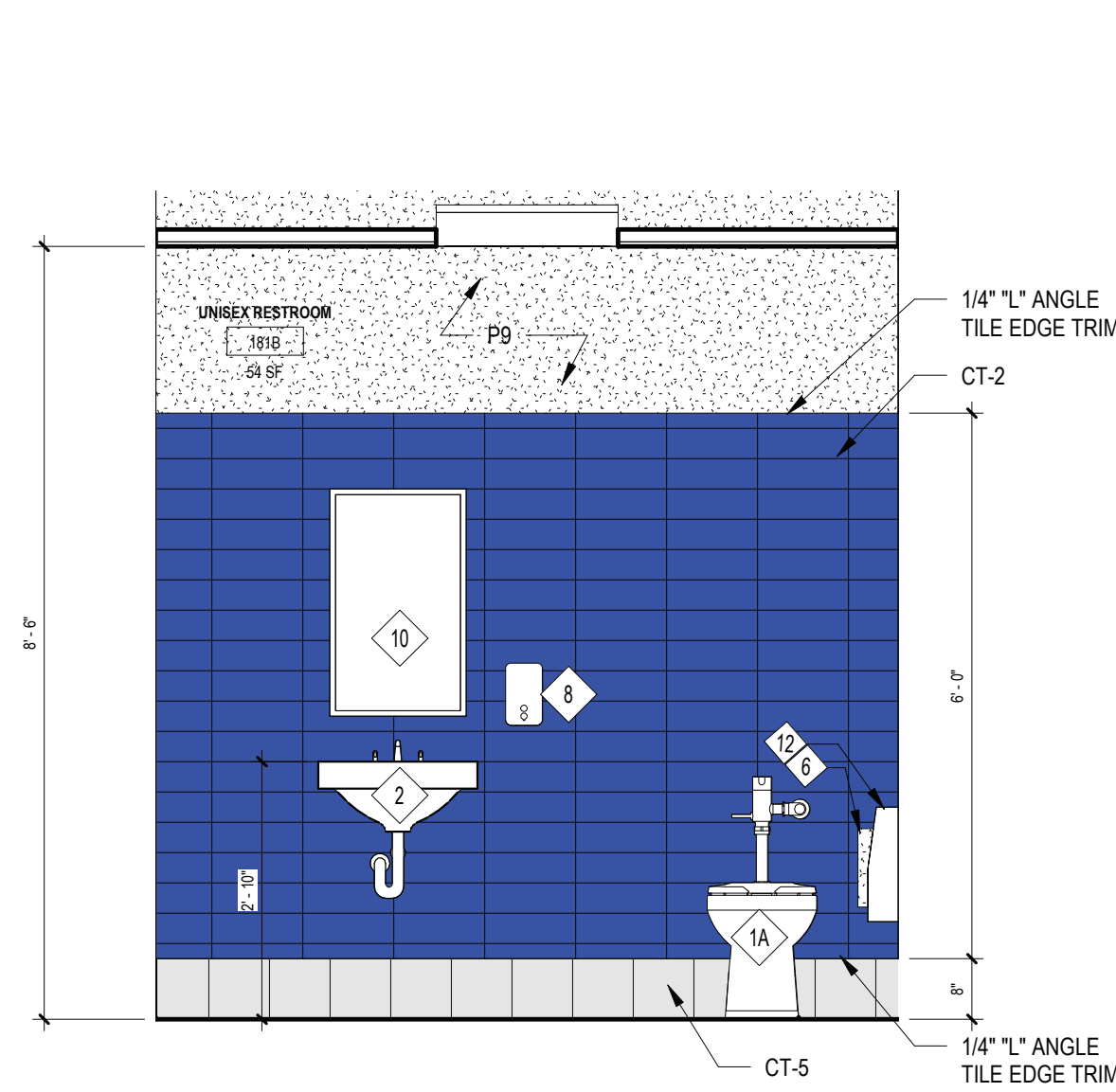
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**BID PAU DATE:** 11/14/2022

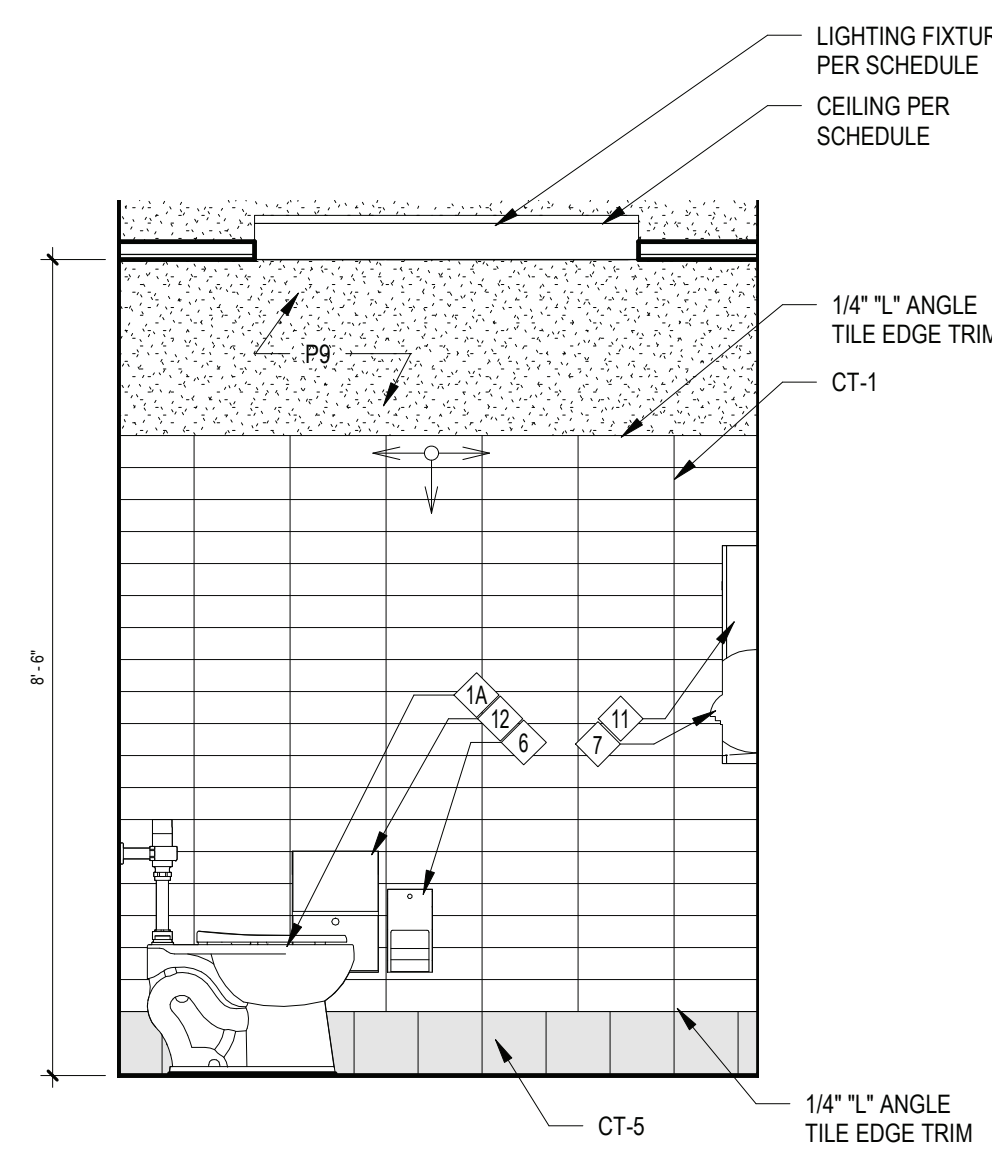
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**A11.01** **HSMS**

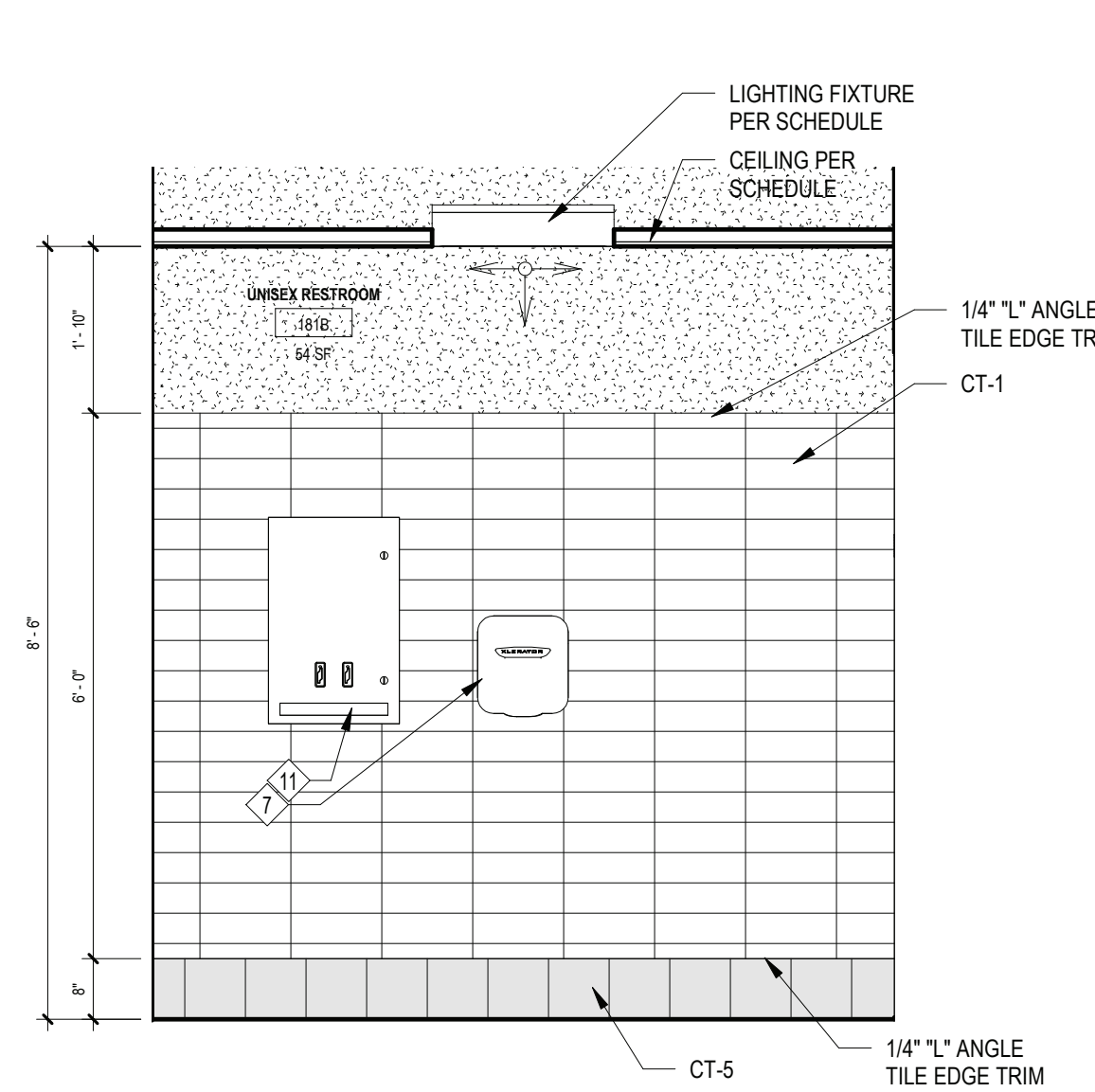




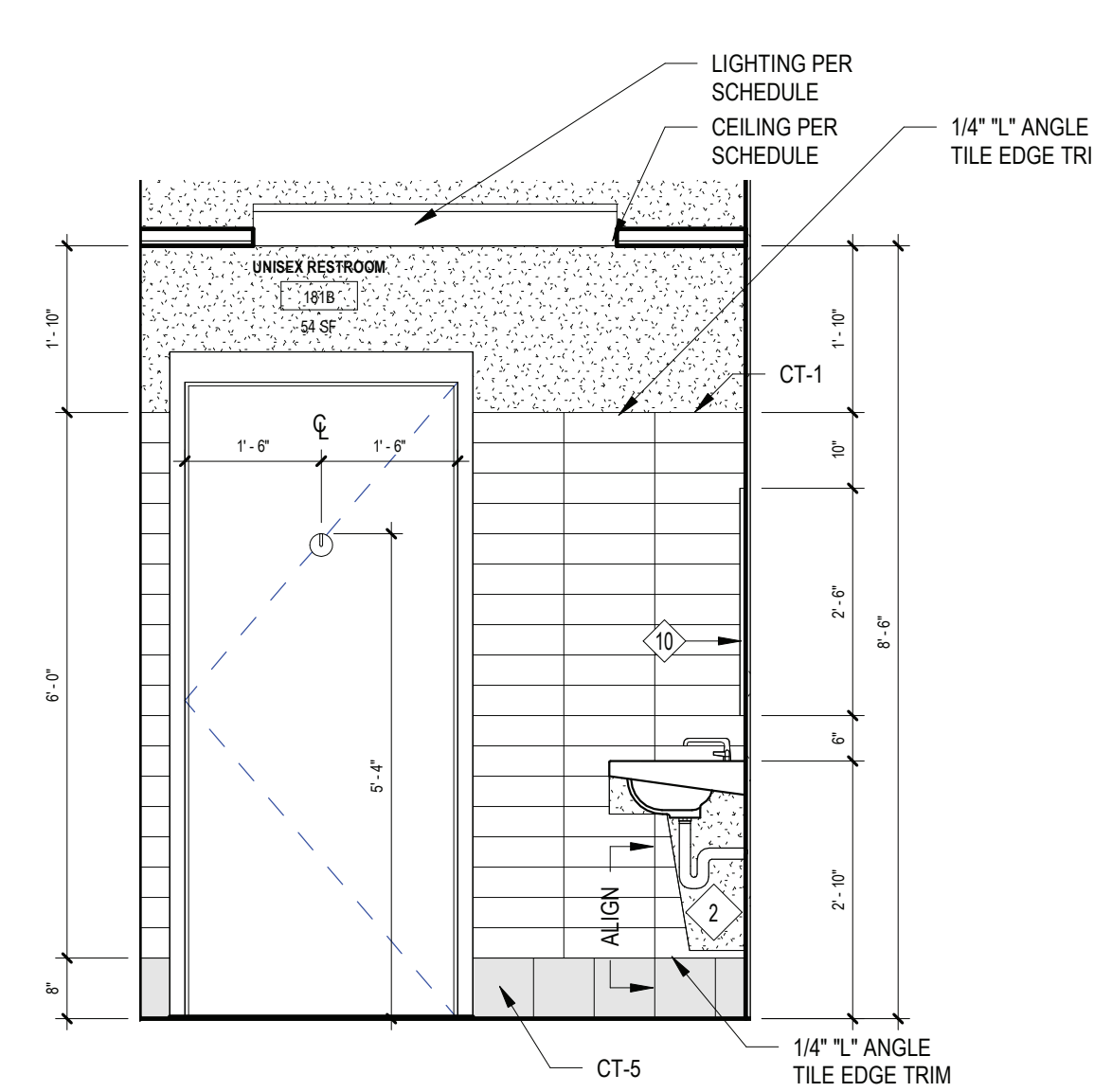
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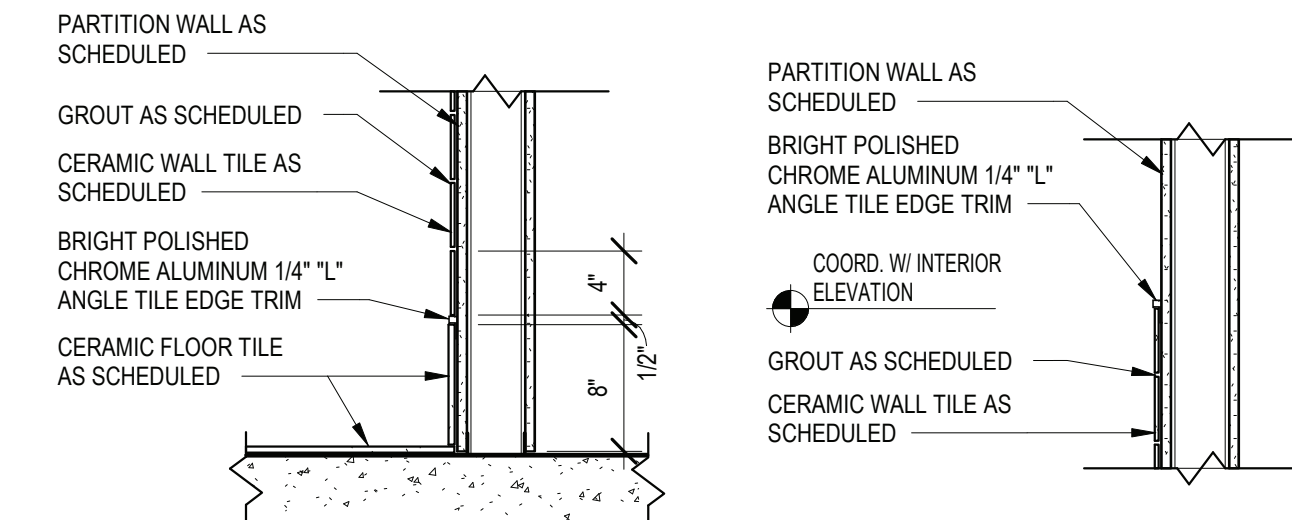
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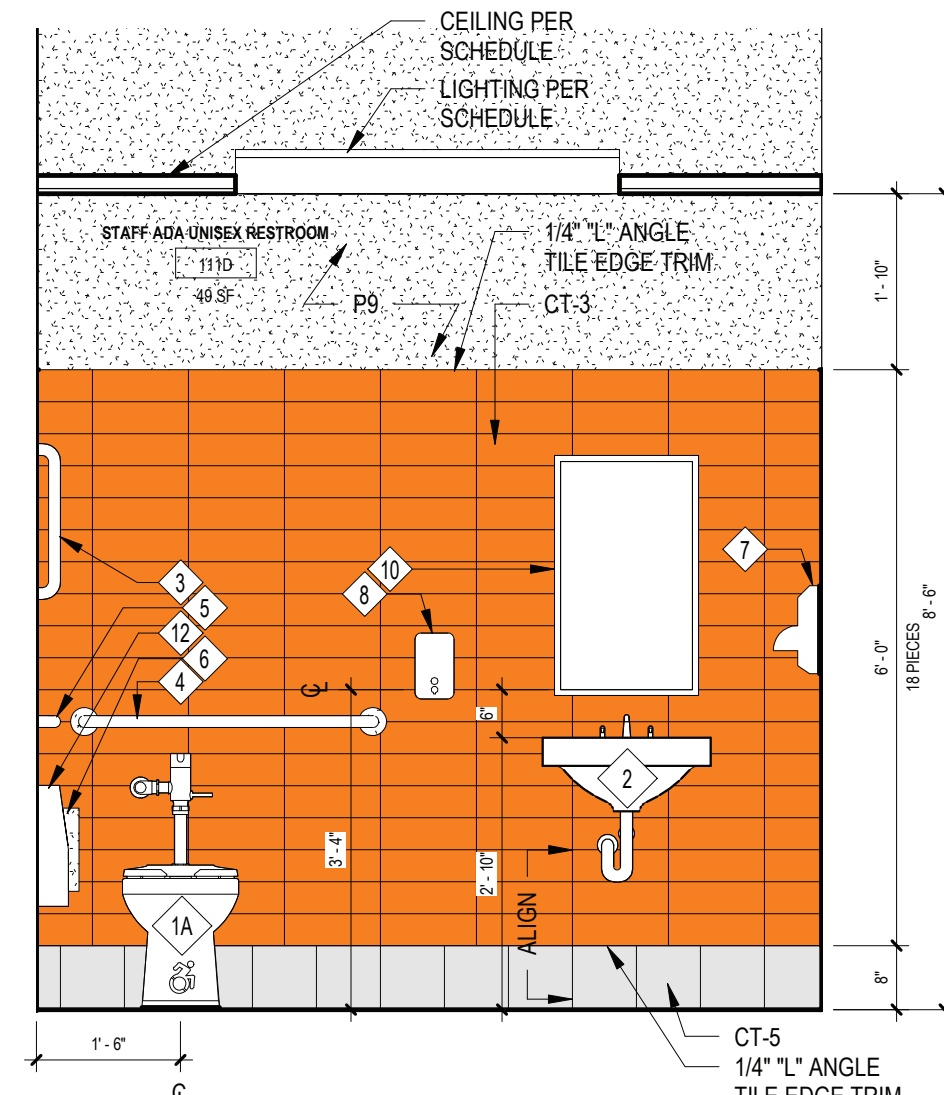
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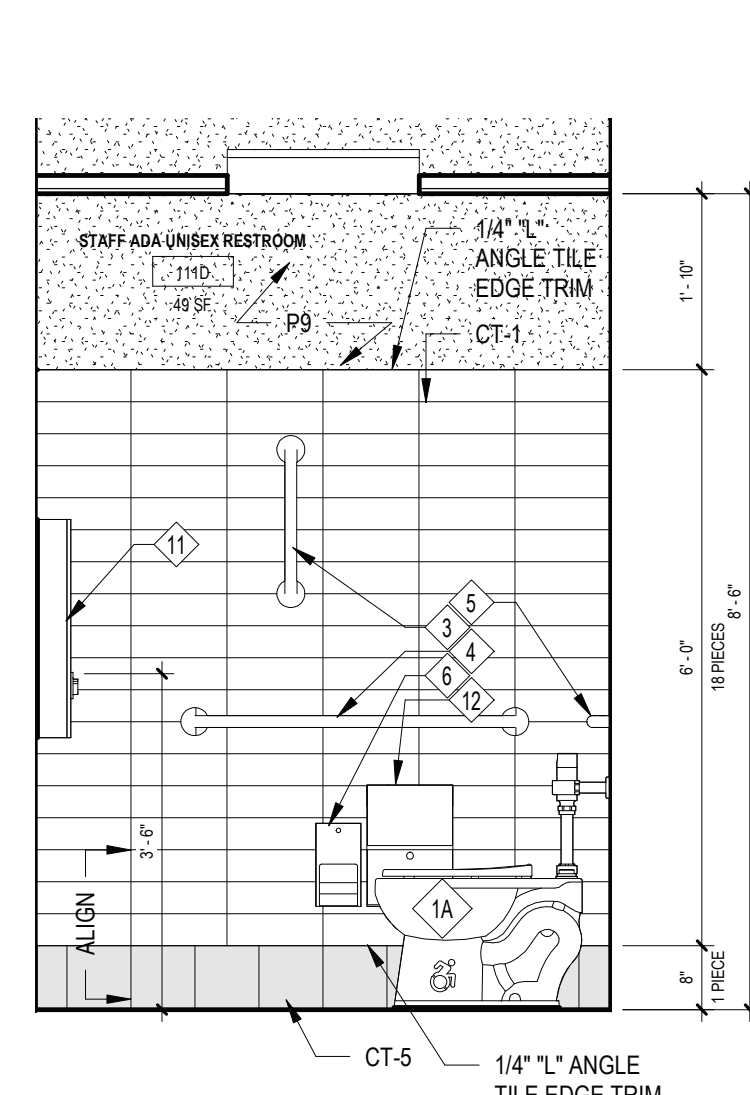
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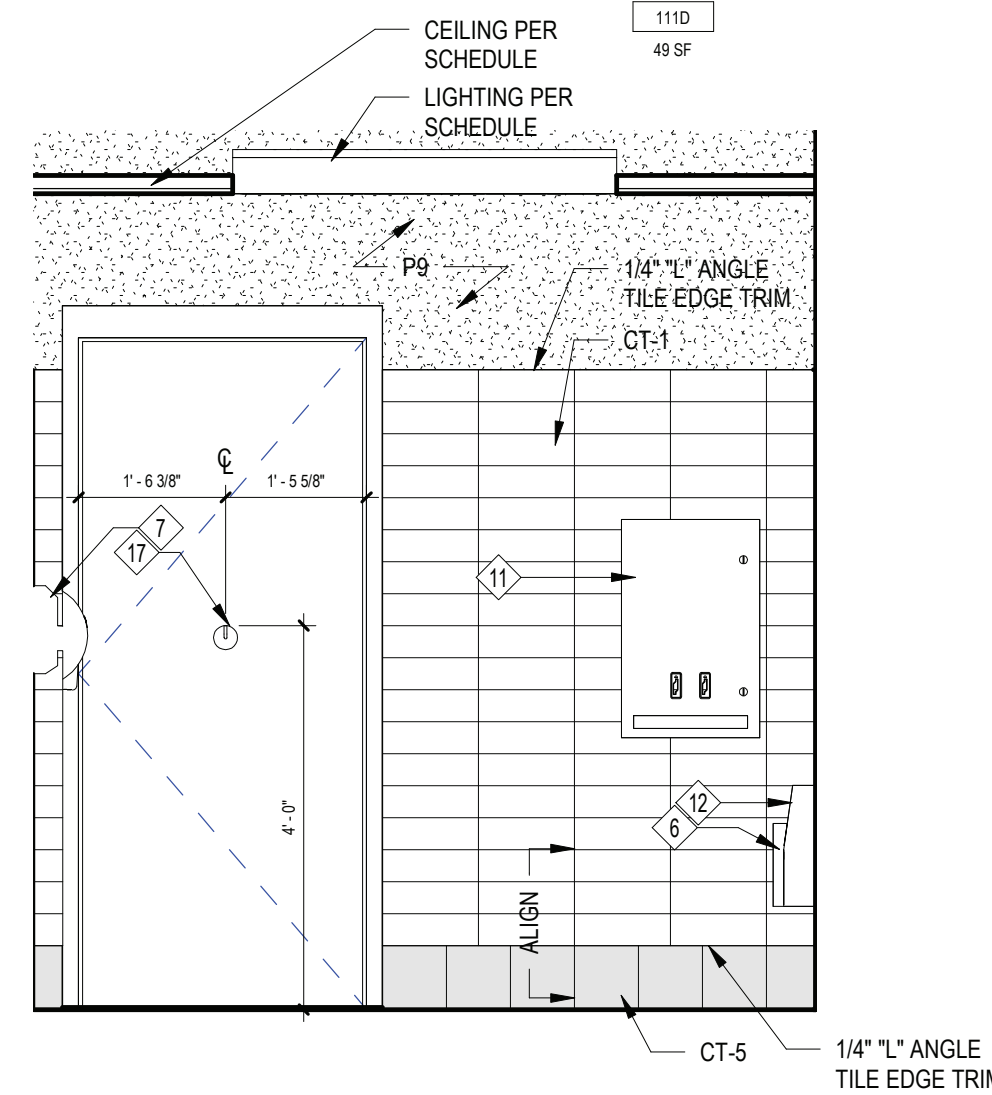
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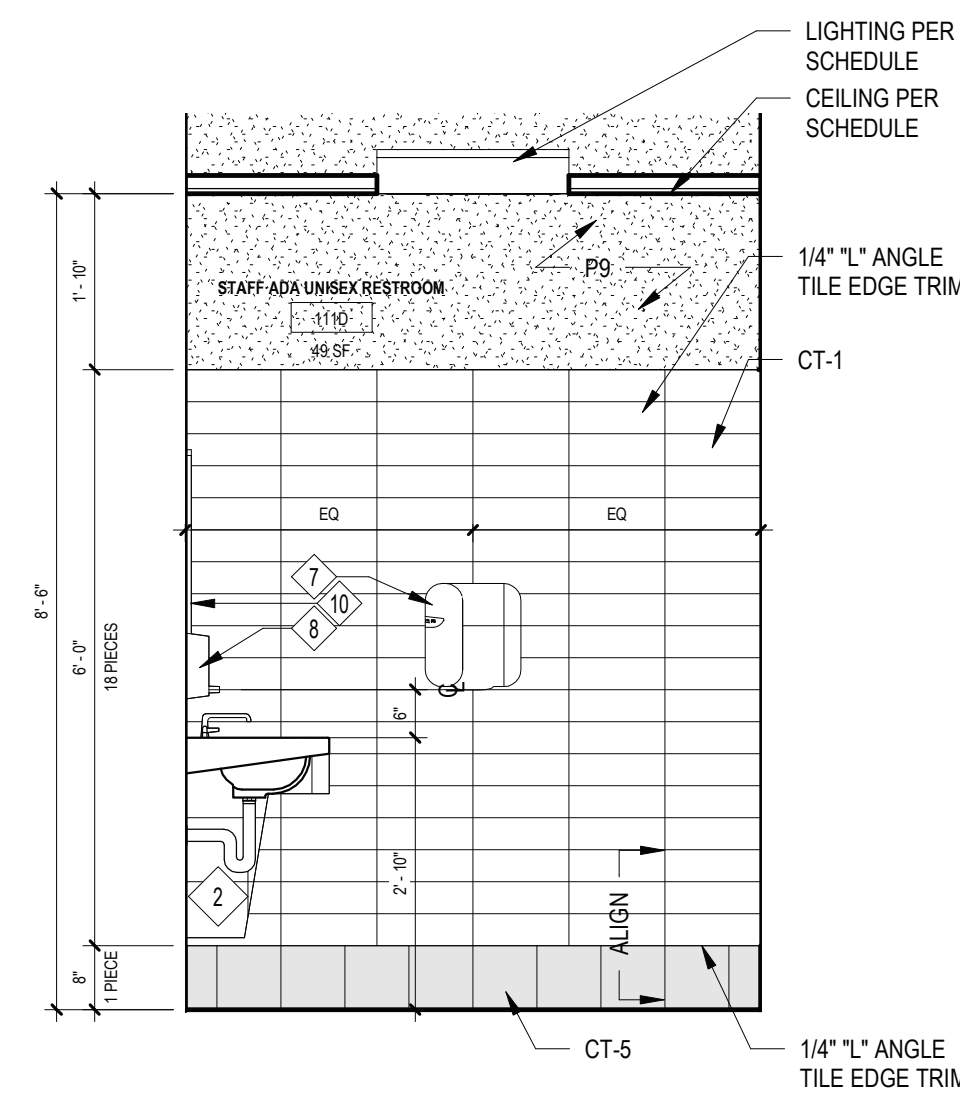
5 STAFF ADA RESTROOM 111D - INTERIOR ELEVATION 1  
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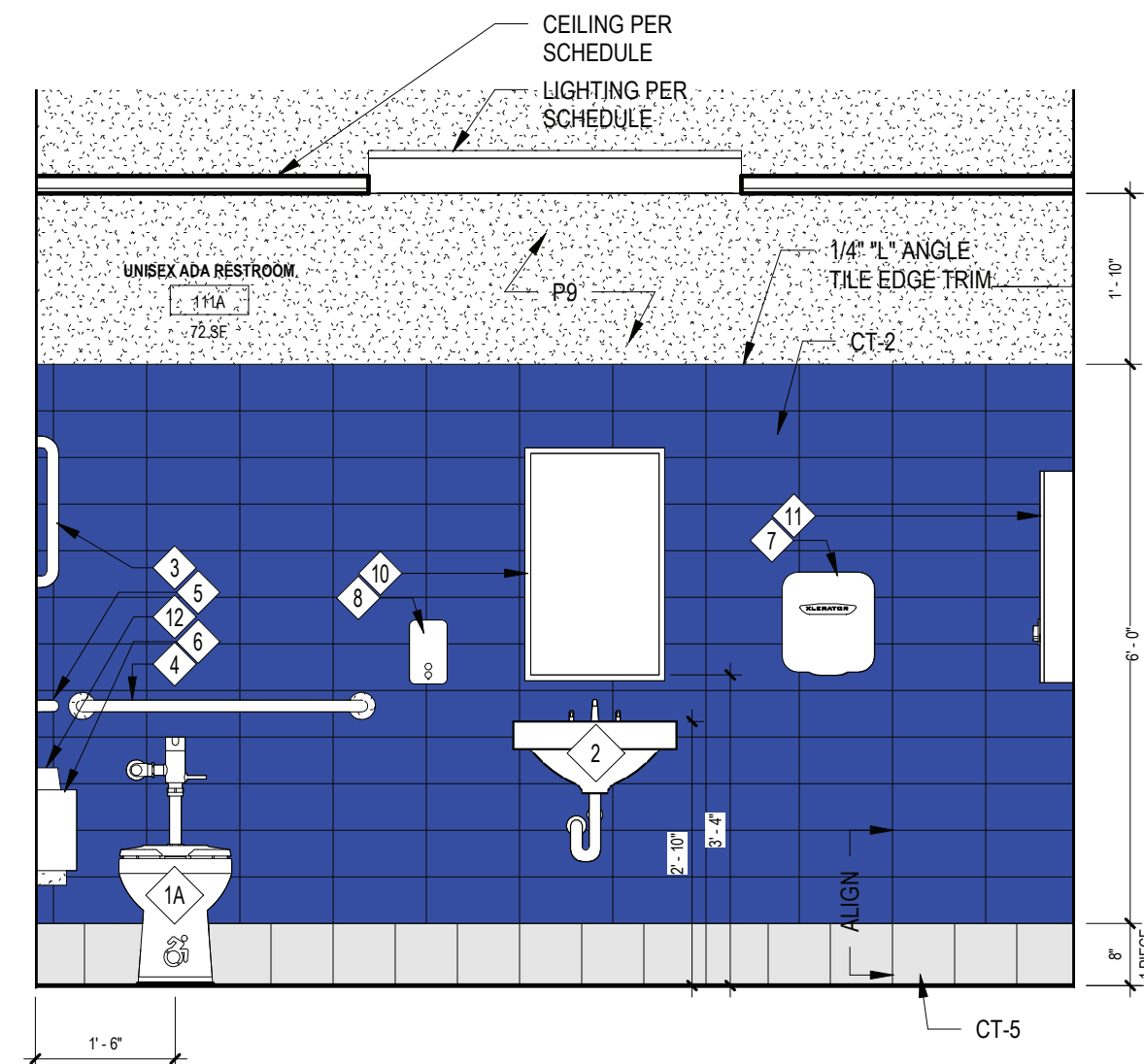
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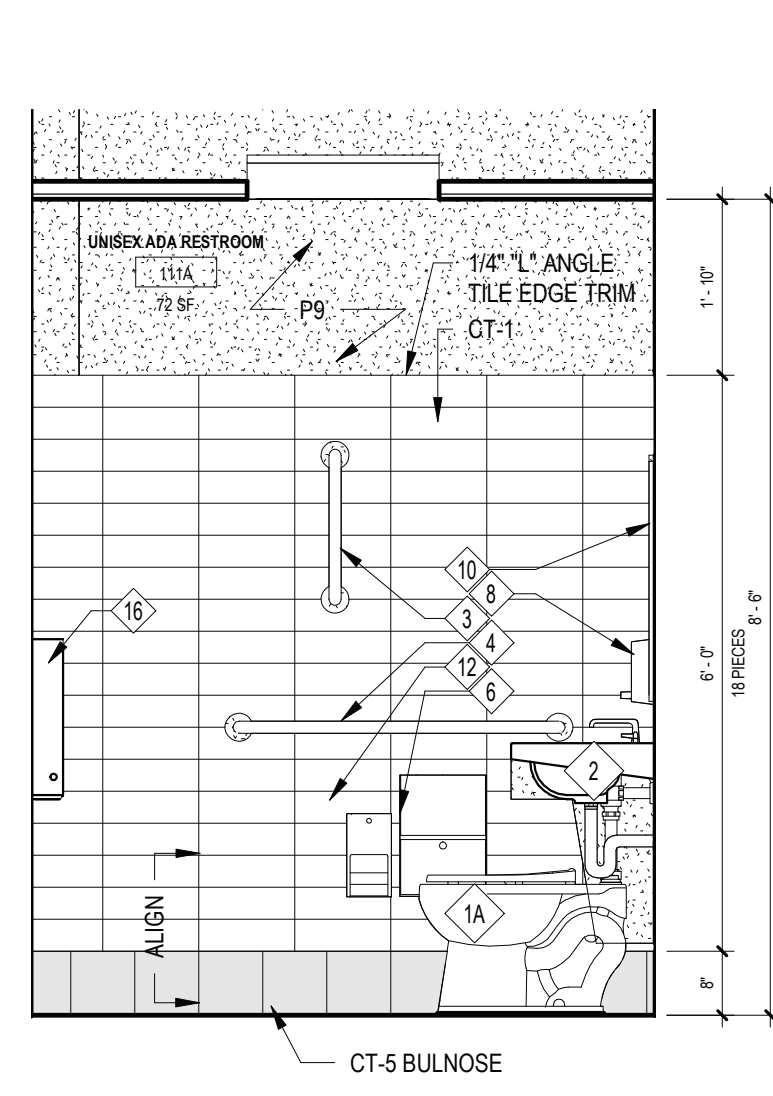
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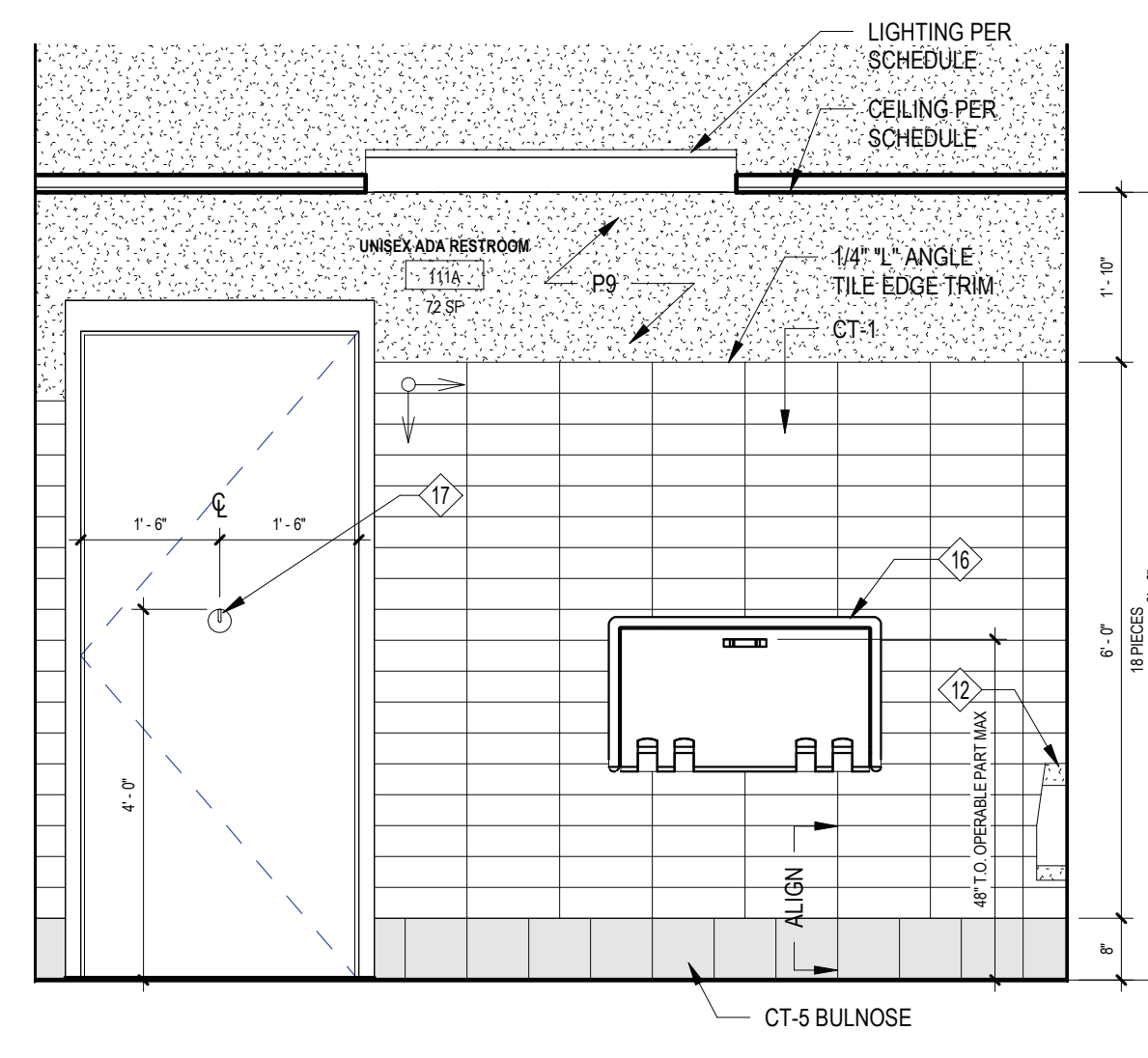
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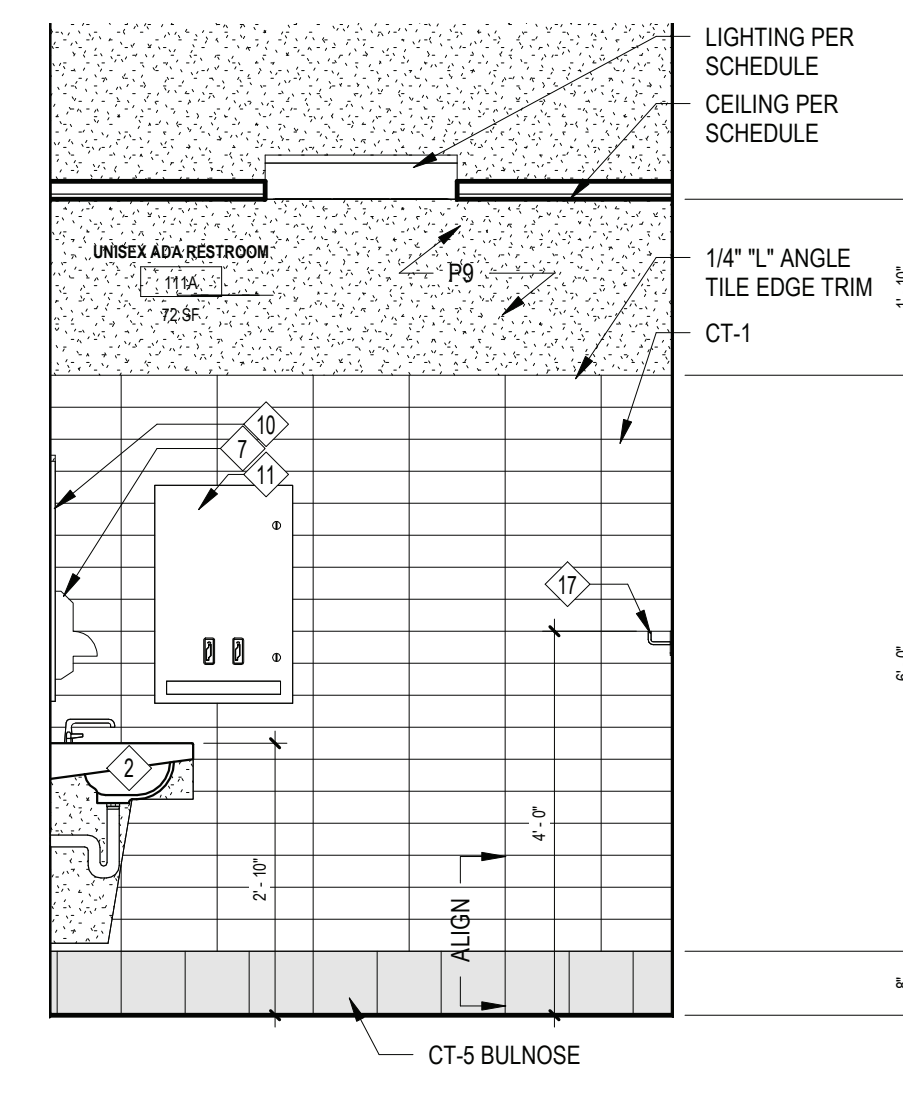
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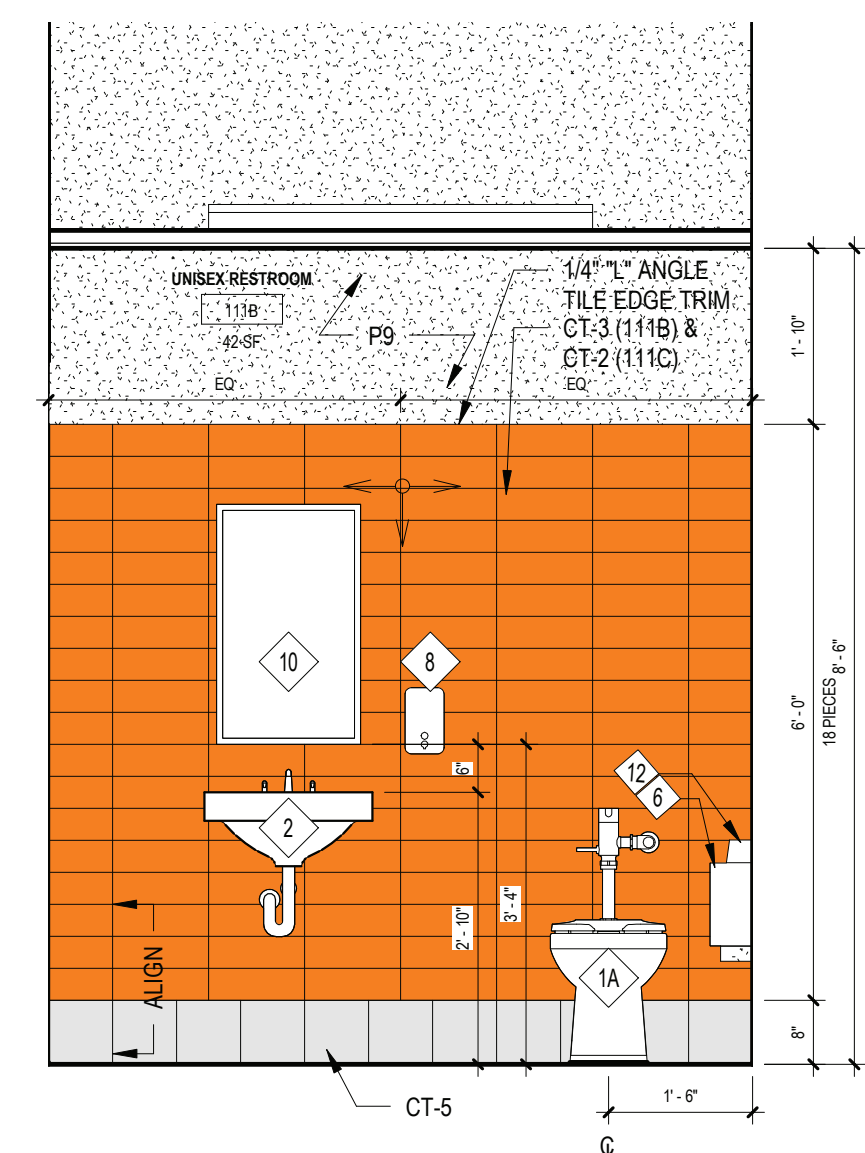
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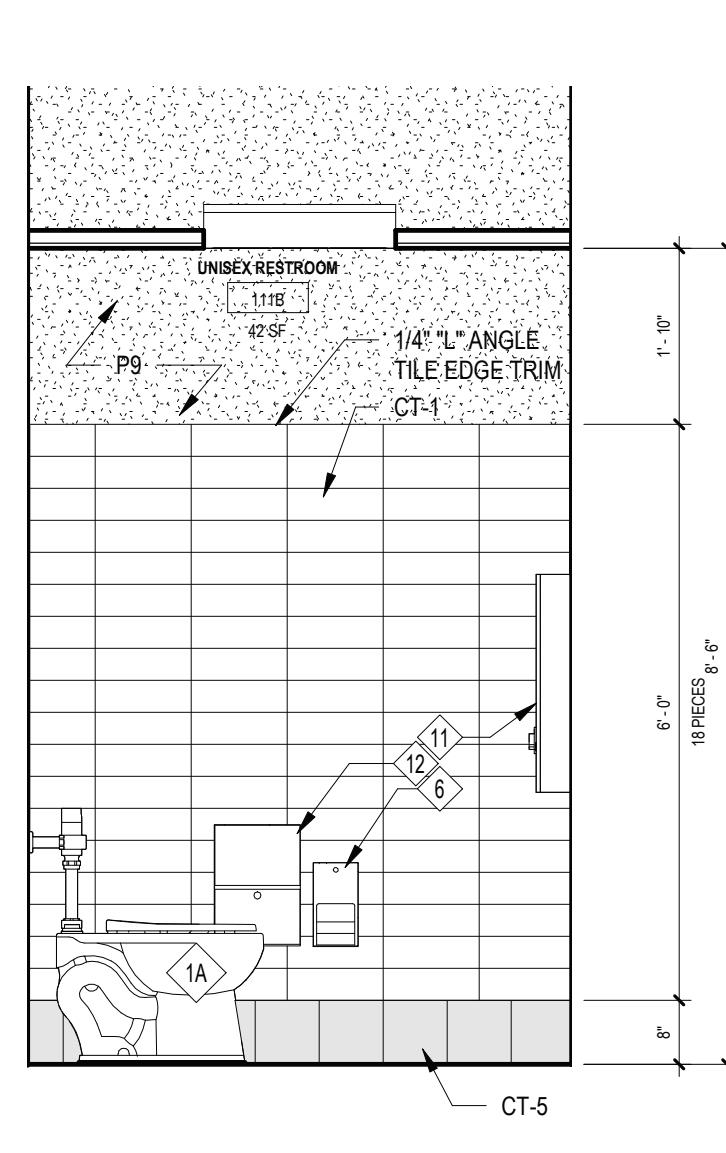
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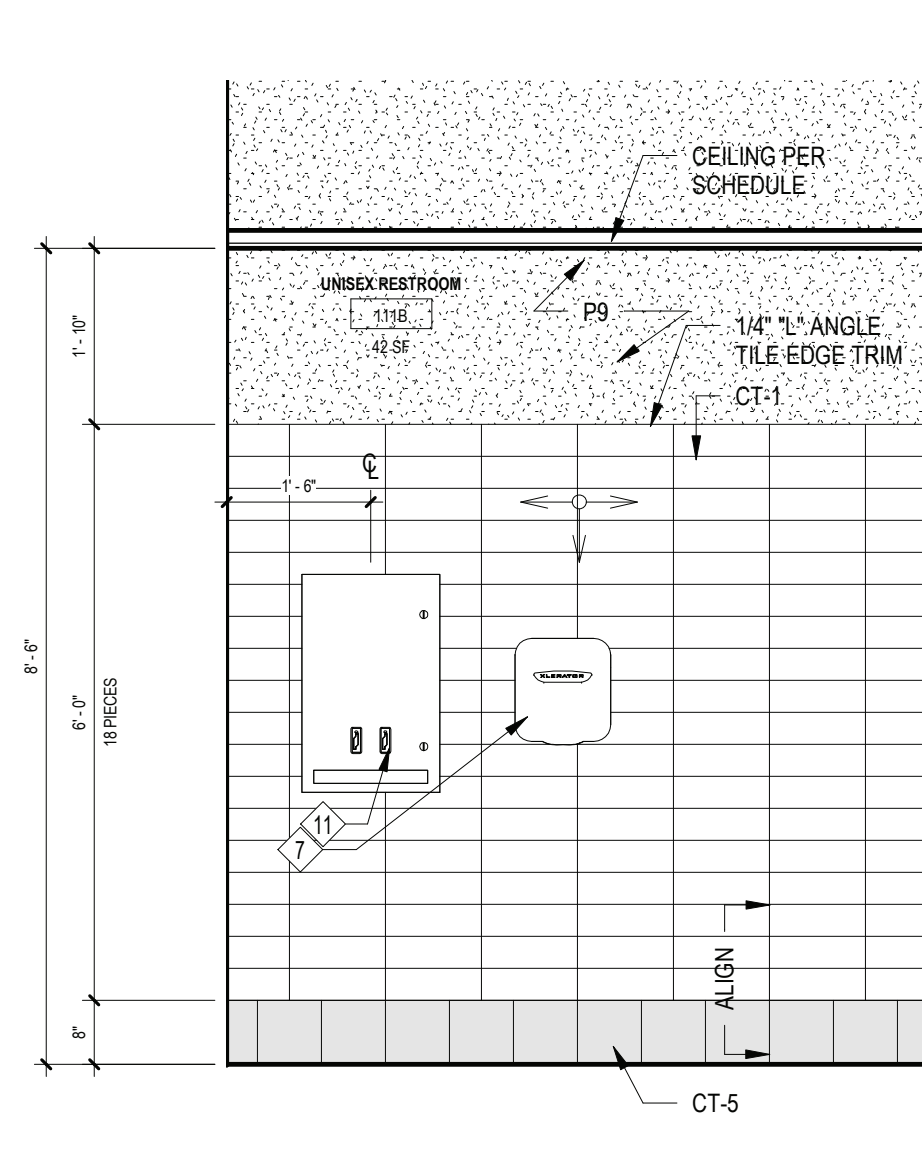
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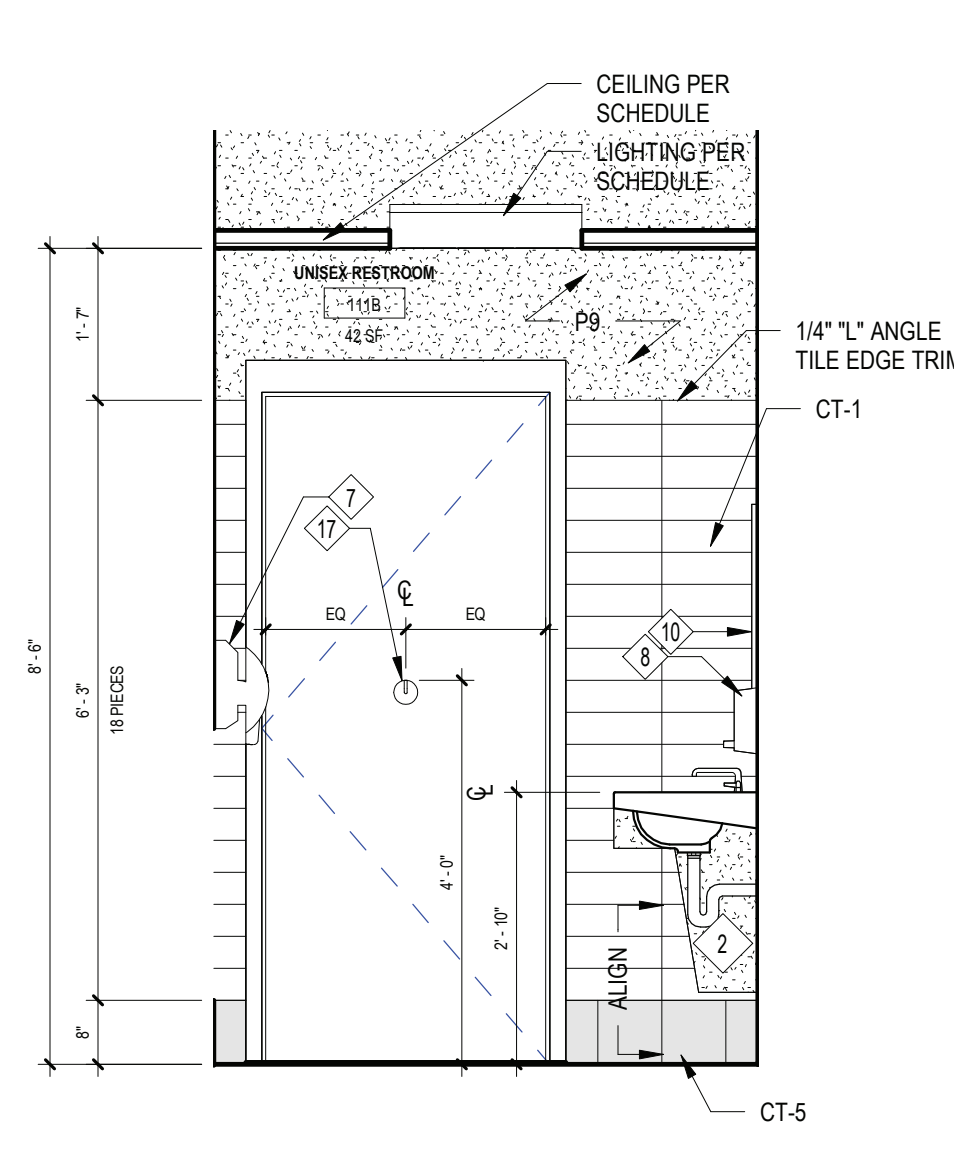
13 UNISEX RESTROOM 111B - INTERIOR ELEVATION 1  
SCALE: 1/2" = 1'-0"



14 UNISEX RESTROOM 111B - INTERIOR ELEVATION 2  
SCALE: 1/2" = 1'-0"



15 UNISEX RESTROOM 111B - INTERIOR ELEVATION 3  
SCALE: 1/2" = 1'-0"



16 UNISEX RESTROOM 111B - INTERIOR ELEVATION 4  
SCALE: 1/2" = 1'-0"

## BIDDER NOTE

NOTE: ADD ALTERNATE # 2 TO BASE BID GC-1 PROVIDE ADDITIONAL WALL TILE TO CEILING ABOVE THE BASE BID WAINSCOT HEIGHT TYPICAL FOR ALL TOILETS ROOMS.

## TOILET KEY NOTES

NOTE: G.C. & P.C. COORDINATE ADA ACCESSIBLE FIXTURES LOCATION WITH PLANS. SEE A11.01 FOR TOILET ROOM MOUNTING STANDARDS. SYMBOL DENOTES ADA COMPLIANCE PUMBLING FIXTURE

- P.C. TO FURNISH AND INSTALL ALL NEW WALL MOUNTED WATER CLOSET AND FLUSHOMETER.
- P.C. TO FURNISH AND INSTALL ALL NEW FLOOR MOUNTED WATER CLOSET AND FLUSHOMETER.
- P.C. TO FURNISH AND INSTALL NEW LAVATORY AND FAUCET.
- G.C. TO FURNISH AND INSTALL NEW 16" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW 42" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW 36" GRAB BAR.
- OWNER TO FURNISH AND G.C. TO INSTALL NEW TOILET PAPER DISPENSER.
- G.C. TO FURNISH AND INSTALL NEW HAND DRYER. G.C. TO COORDINATE LOCATION WITH E.C.
- OWNER TO FURNISH AND G.C. TO INSTALL NEW SOAP DISPENSER.
- P.C. TO FURNISH AND INSTALL NEW FLOOR DRAINS. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- G.C. TO FURNISH AND INSTALL NEW FLAT MIRROR.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN & TAMPON DISPENSER. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- G.C. TO FURNISH AND INSTALL NEW SANITARY NAPKIN DISPOSAL. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- P.C. TO FURNISH AND INSTALL NEW URINAL AND FLUSHOMETER.
- G.C. TO FURNISH AND INSTALL ALL TOILET PARTITION WALLS, DOORS AND HARDWARE.
- G.C. TO FURNISH AND INSTALL ALL URINAL PARTITION WALLS.
- HORIZONTAL WALL MOUNTED CHANGING STATION/ TABLE
- G.C. TO FURNISH AND INSTALL COATROBE HOOK, BRADLEY CONCEALED MOUNTING CHROME-PLATED ROBE HOOK, ON BACK OF DOOR.
- ADA DRINKING WATER FOUNTAIN WITH BOTTLE REFILLING STATION
- DRINKING WATER FOUNTAIN STATION

REV.	DATE	ITEM

## NOTICE

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BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

ENLARGED RESTROOM ELEVATIONS

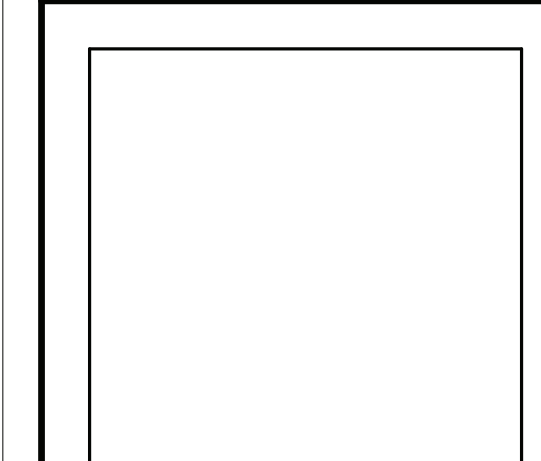
PROJECT

DWG/TITLE

DRWG. BY: Author  
CHK. BY: Checker

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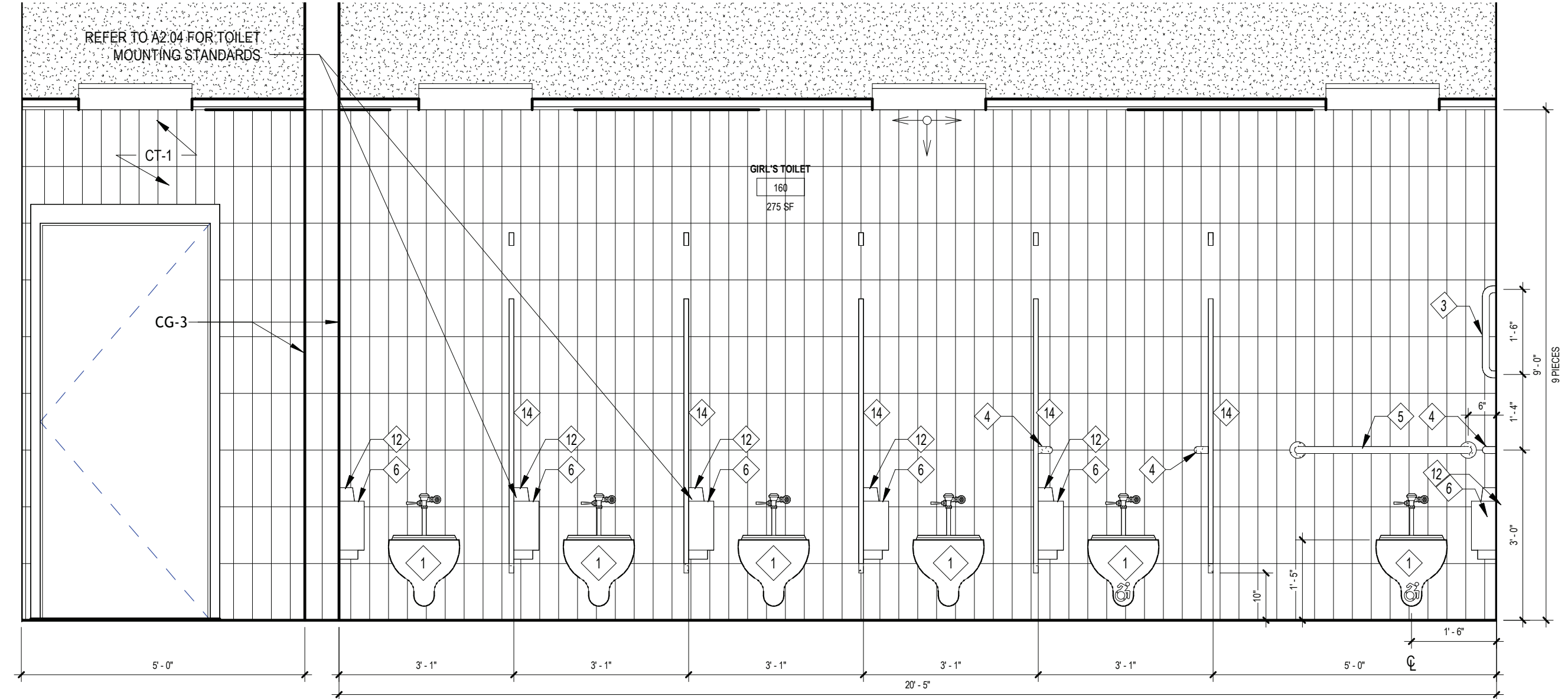
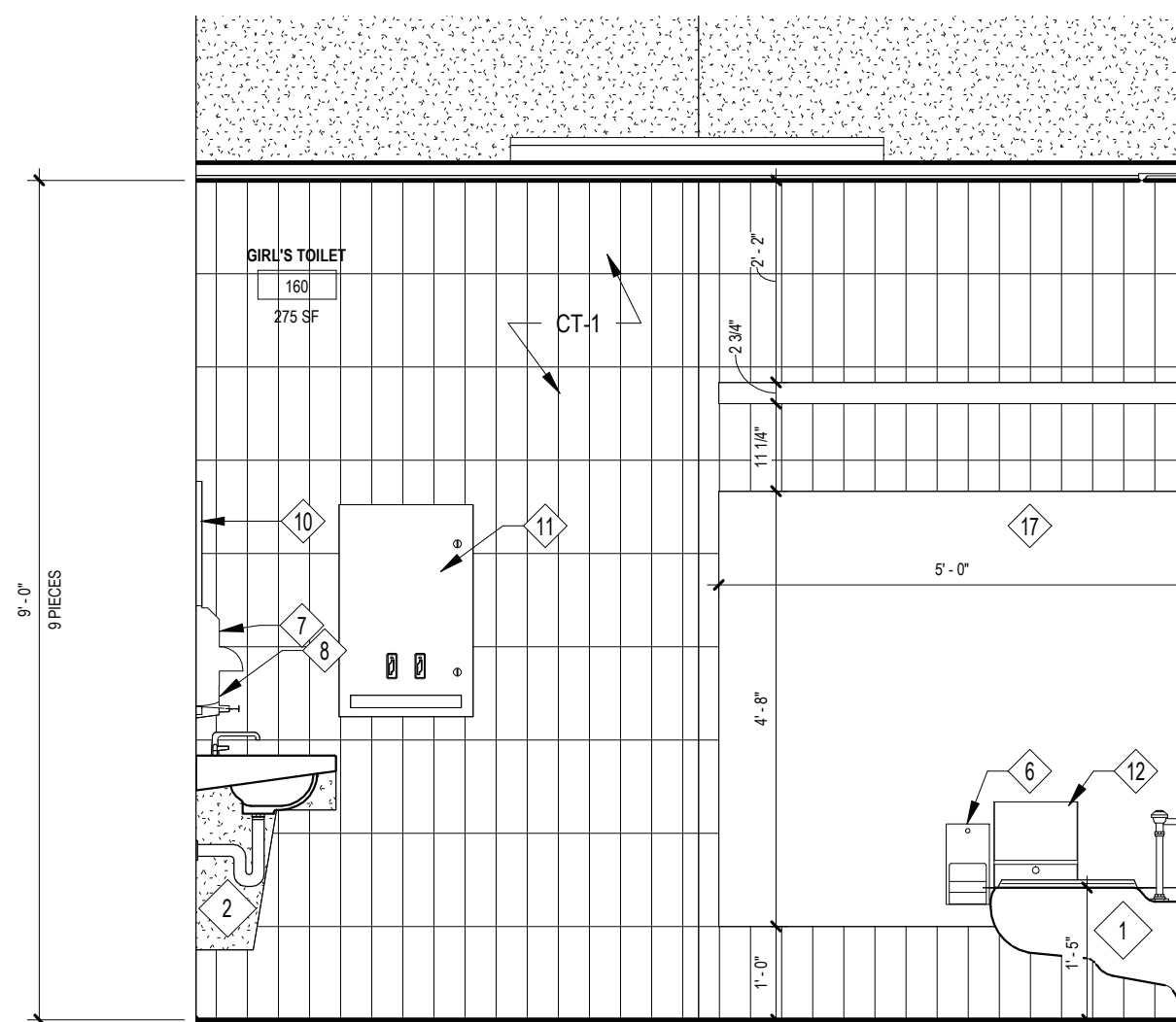
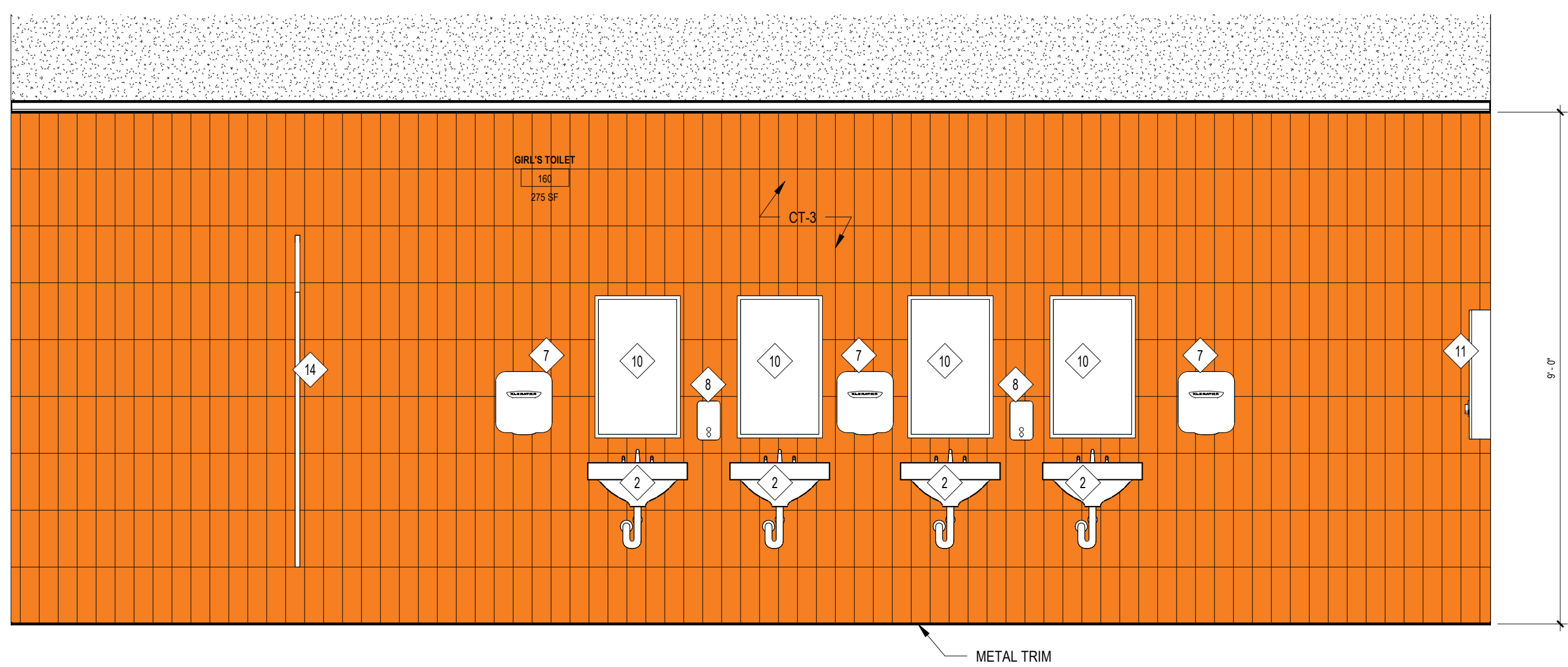
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SED NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG TITLE ENLARGED RESTROOM ELEVATIONS  
SCALE: AS NOTED  
DATE: -  
BID PAU DATE: 11/14/2022  
FILE NO. 21-274C

A11.02 HSMS





1 GIRL'S RESTROOM - INTERIOR ELEVATION 1

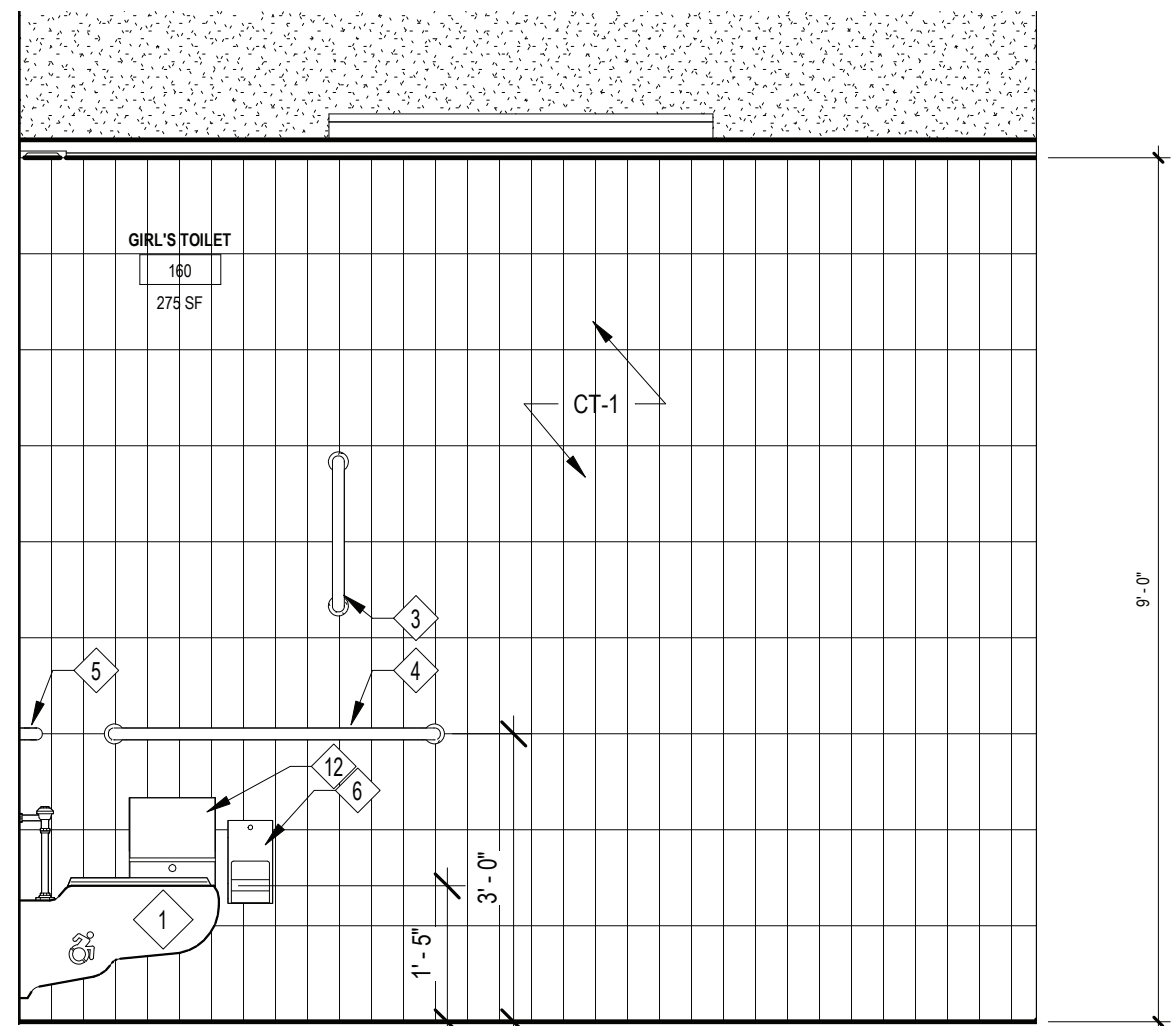
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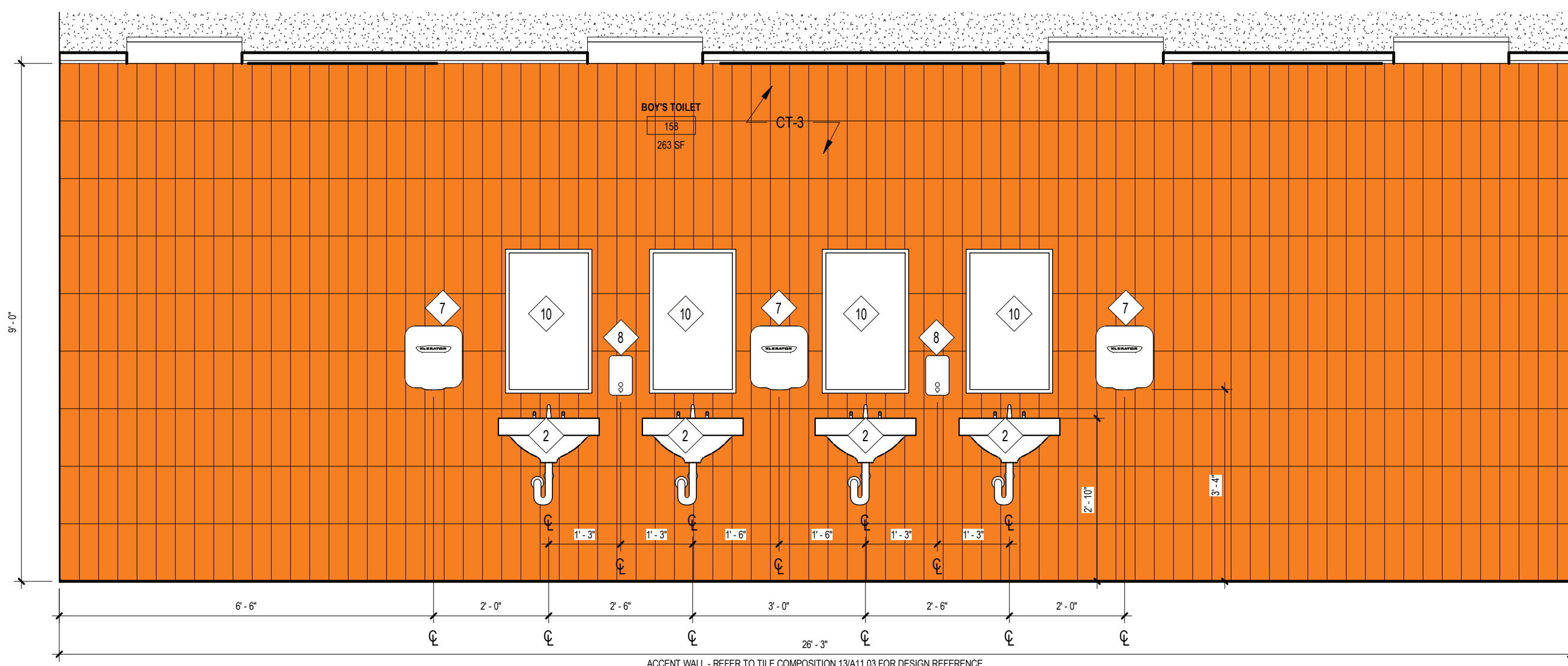
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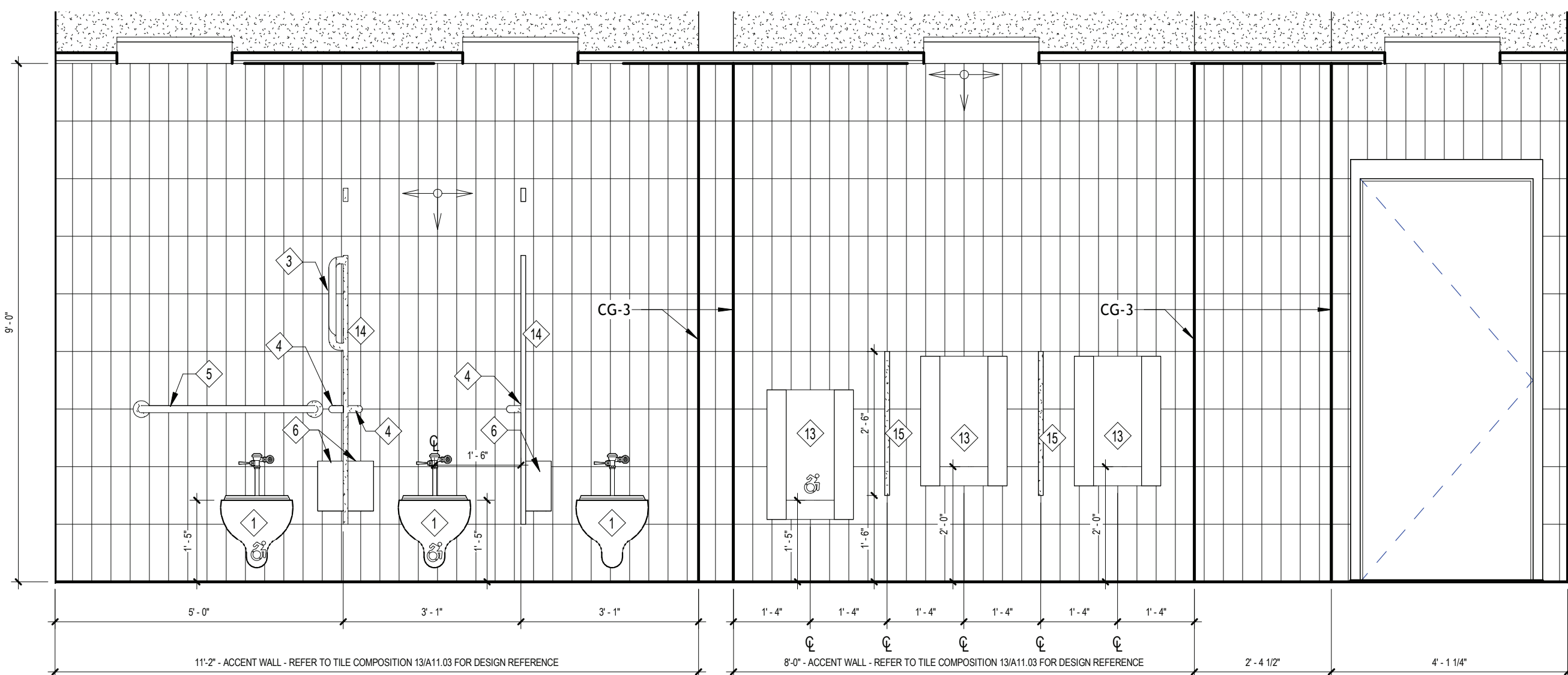
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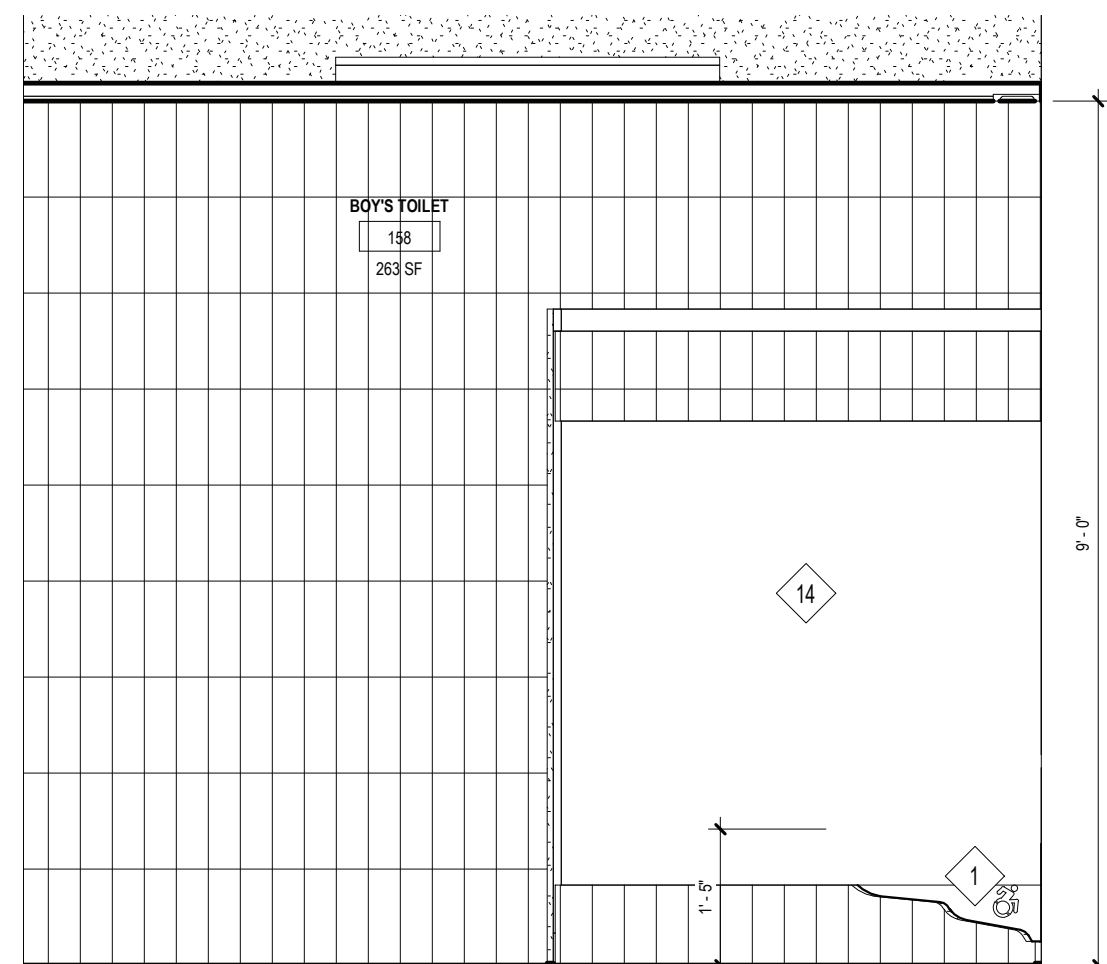
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SCALE: 1/2" = 1'-0"



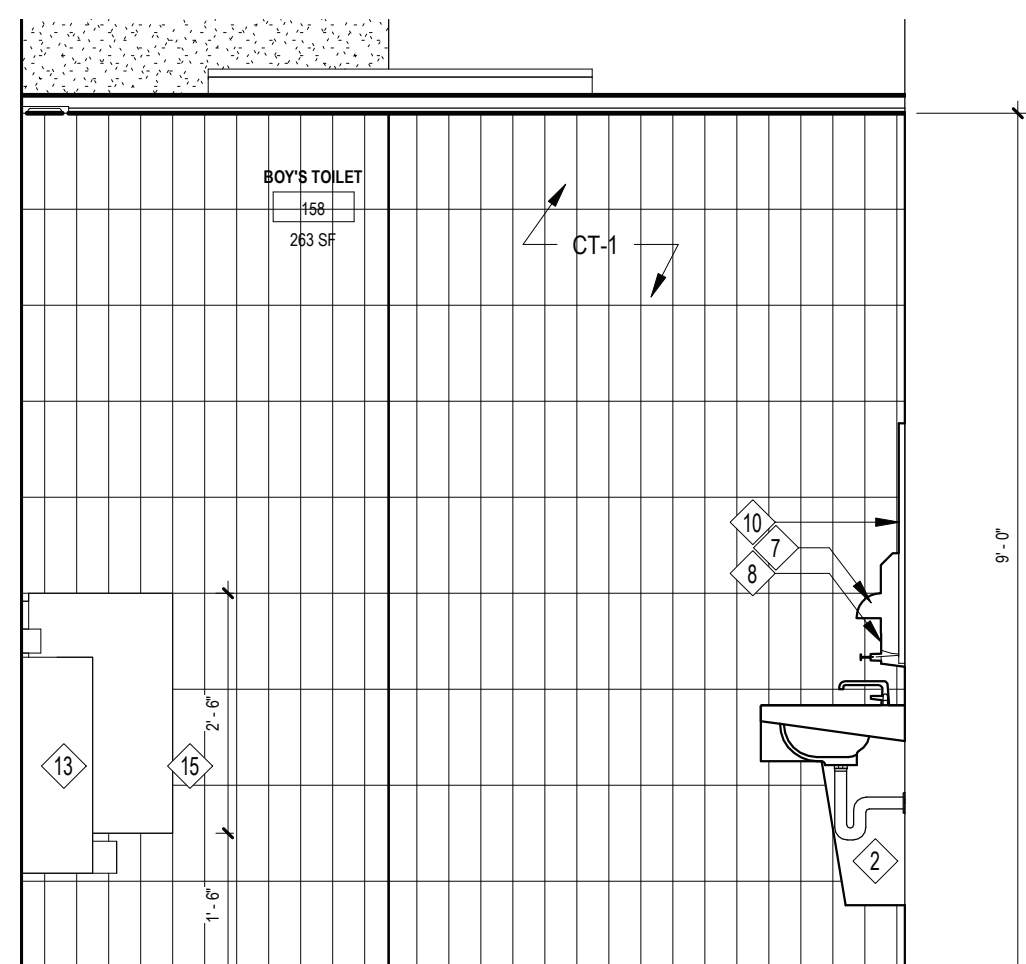
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SCALE: 1/2" = 1'-0"



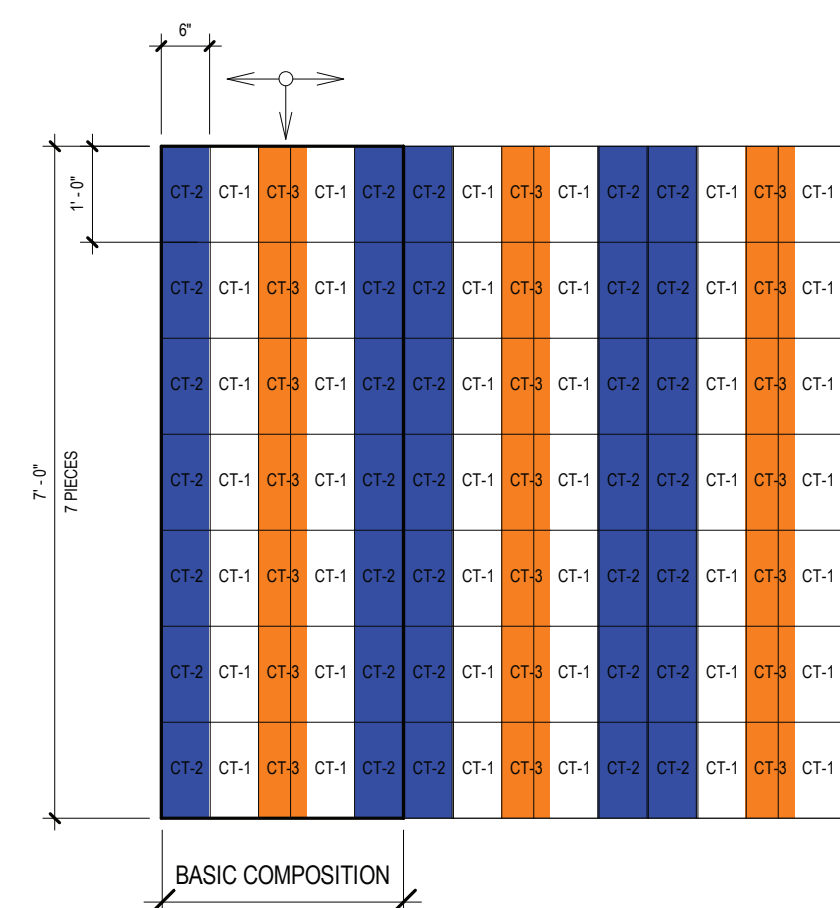
7 BOY'S RESTROOM - INTERIOR ELEVATION 1

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



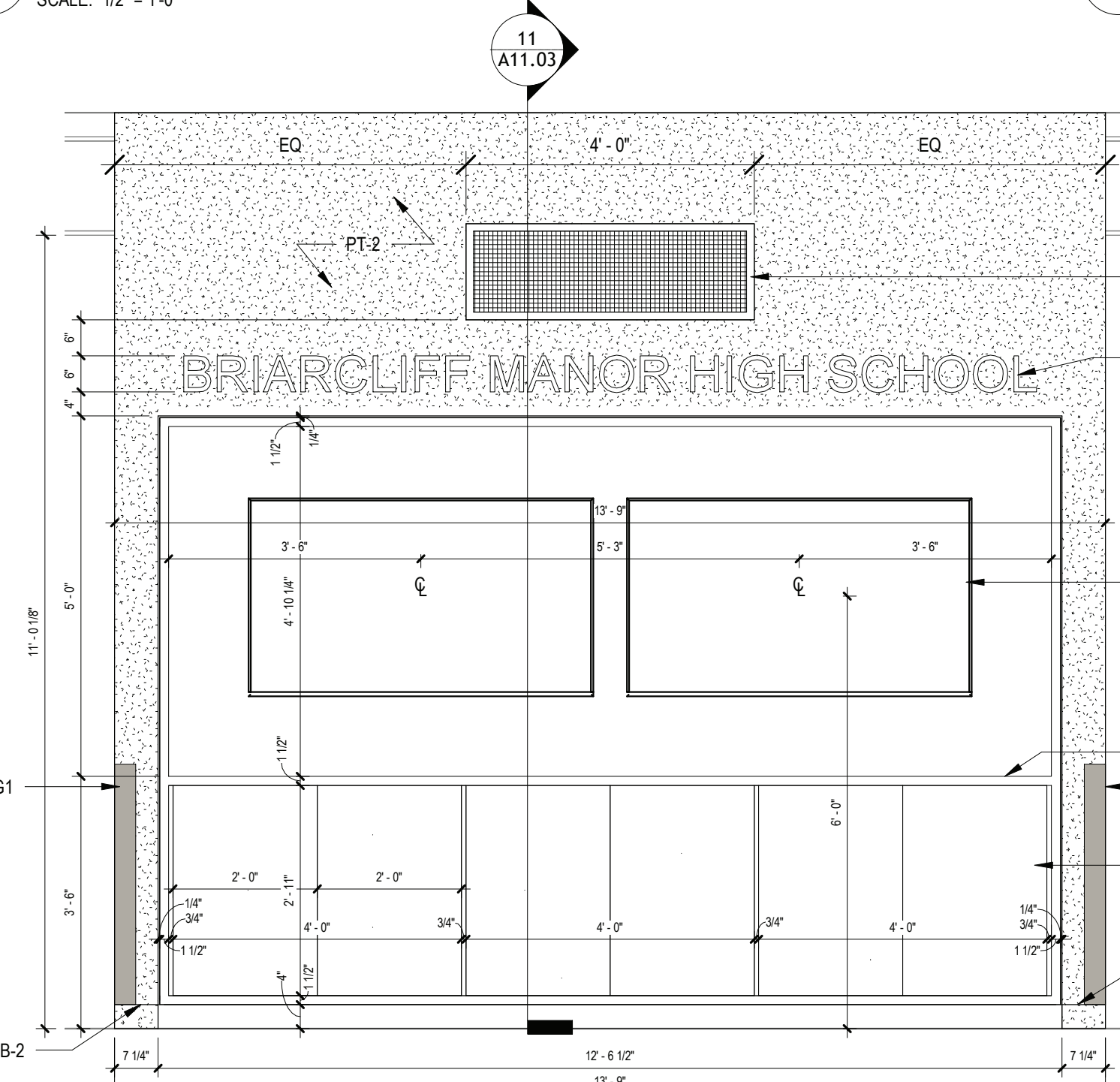
8 BOY'S RESTROOM - INTERIOR ELEVATION 3

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



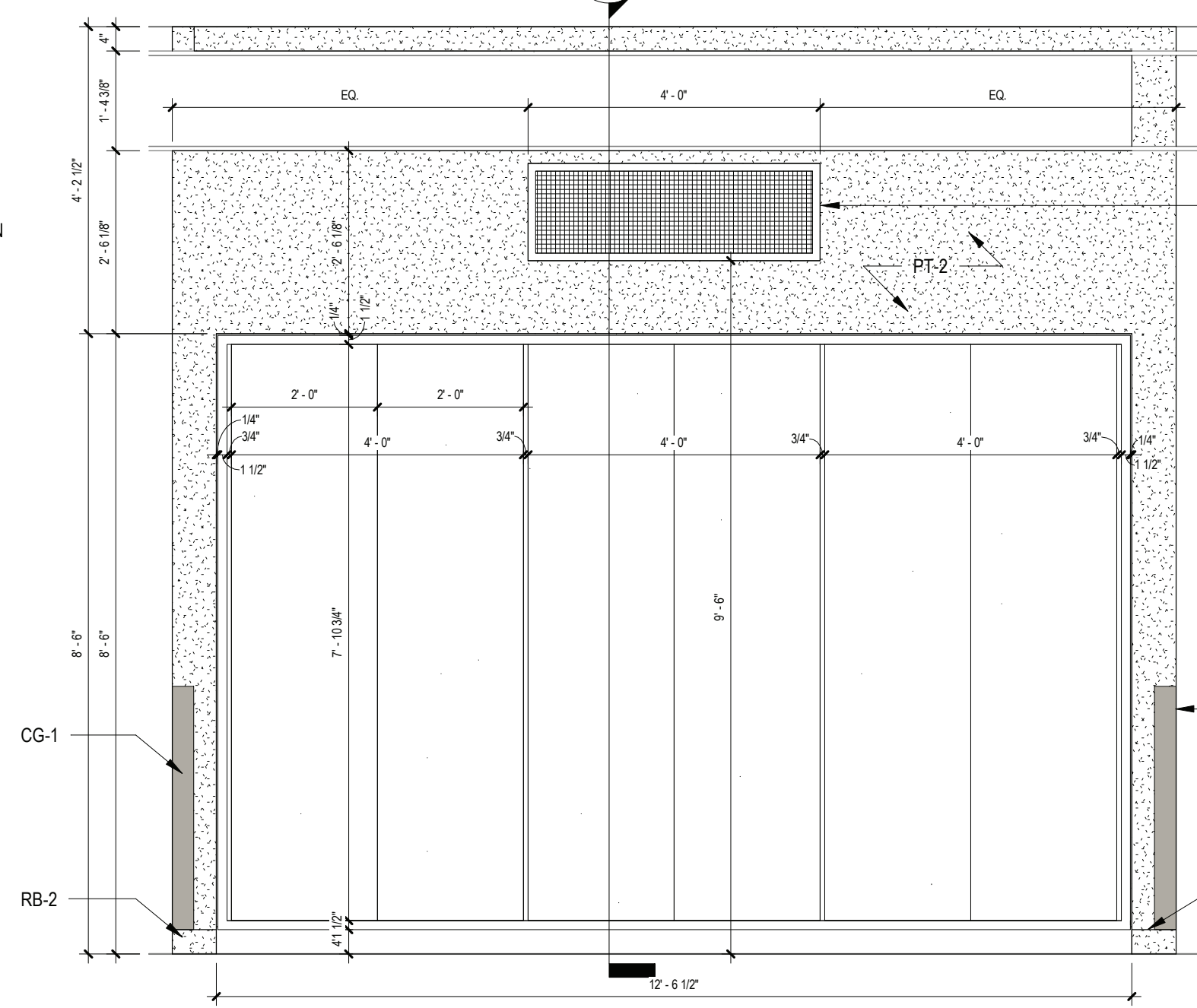
13 TILE COMPOSITION - REFERENCE ELEVATION

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



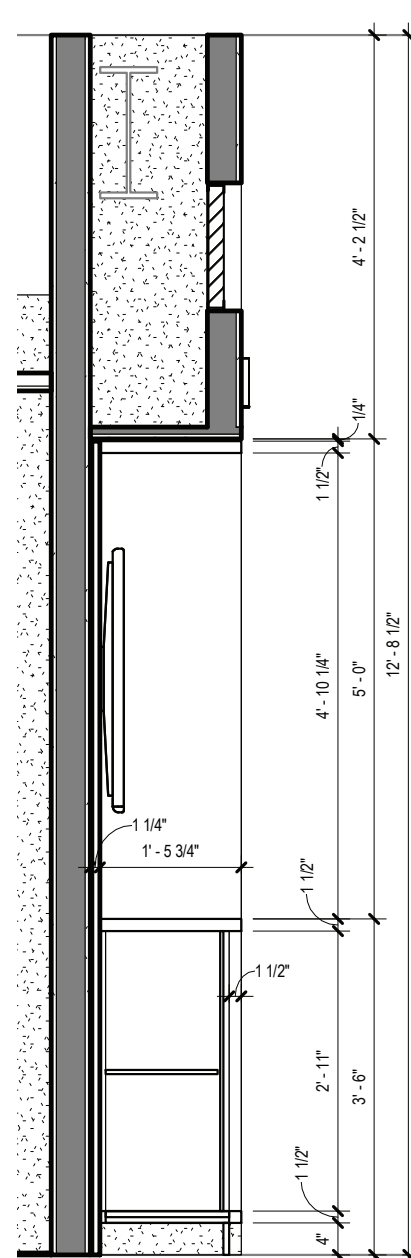
9 ENTRANCE DISPLAY - INTERIOR ELEVATION

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



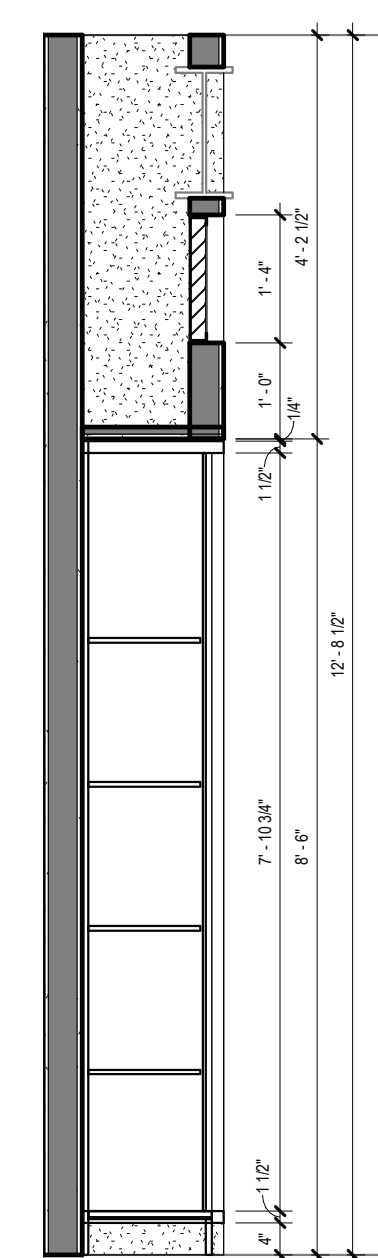
10 CORRIDOR C DISPLAY - INTERIOR ELEVATION

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



11 ENTRANCE DISPLAY WALL SECTION

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



12 CORRIDOR C WALL SECTION

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

## BIDDER NOTE

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## TOILET KEY NOTES

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- G.C. TO FURNISH AND INSTALL NEW 42" GRAB BAR.
- G.C. TO FURNISH AND INSTALL NEW 36" GRAB BAR.
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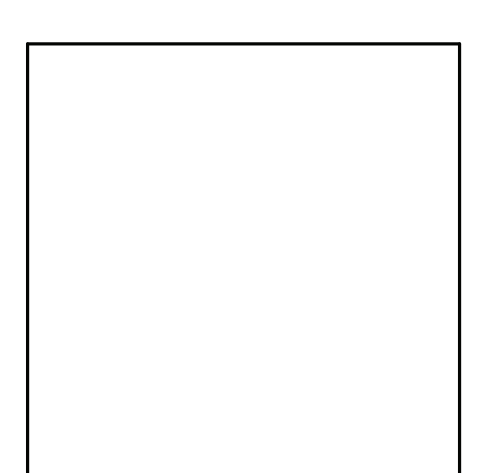
PROJECT

DWG/TITLE

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CHK. BY: Checker

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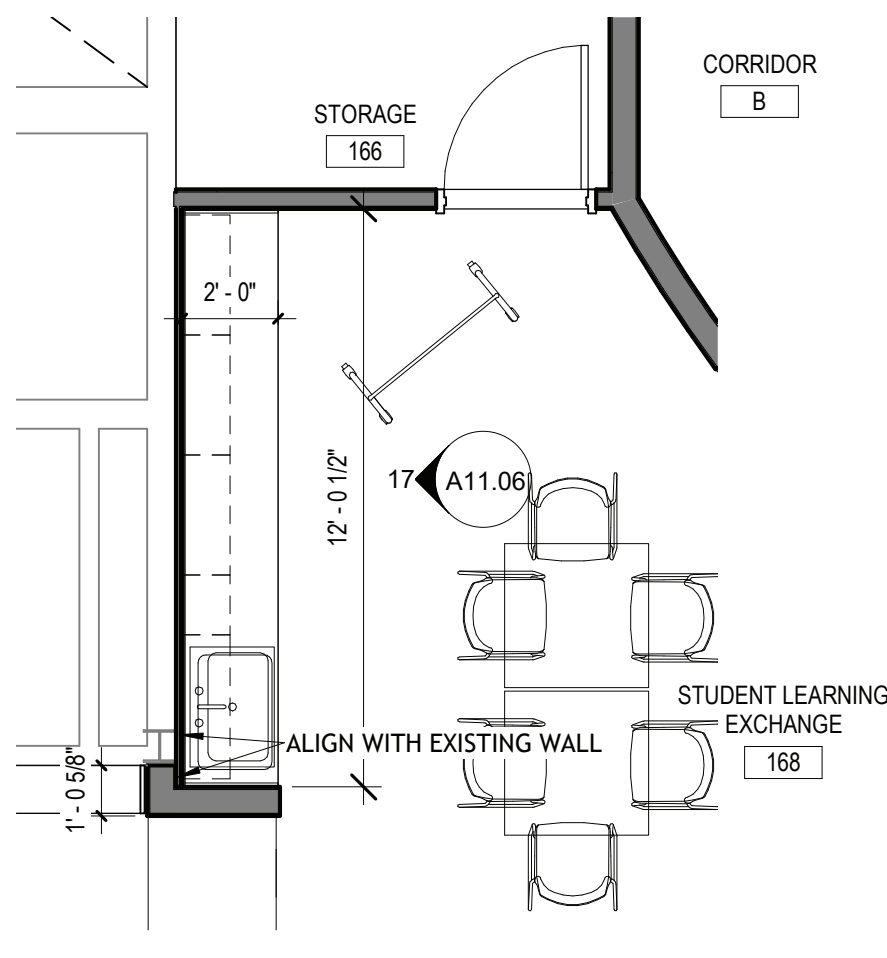
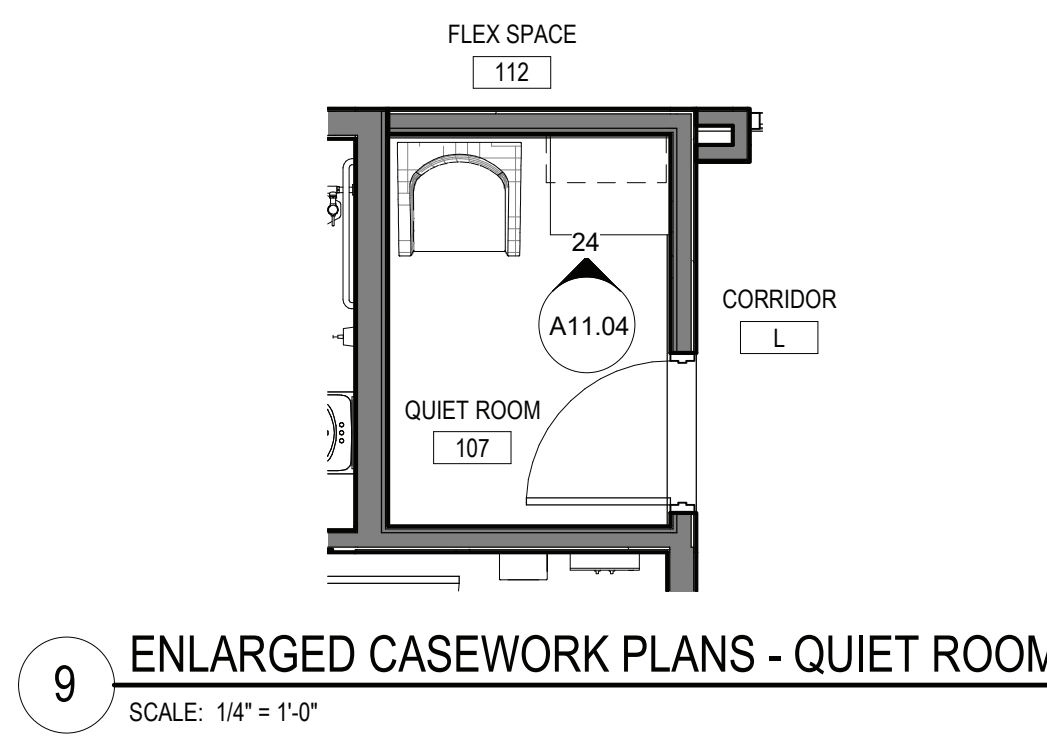
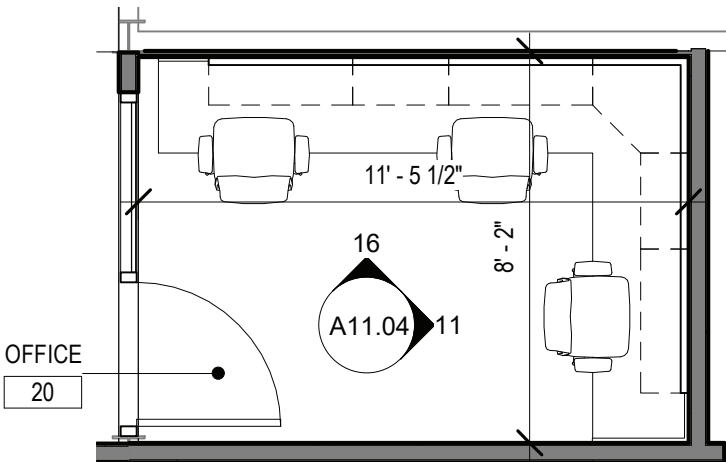
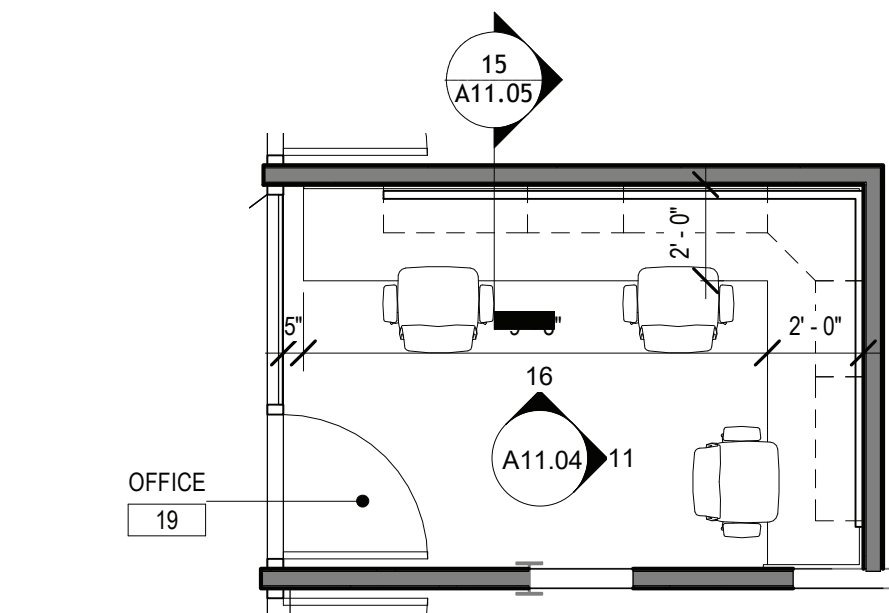
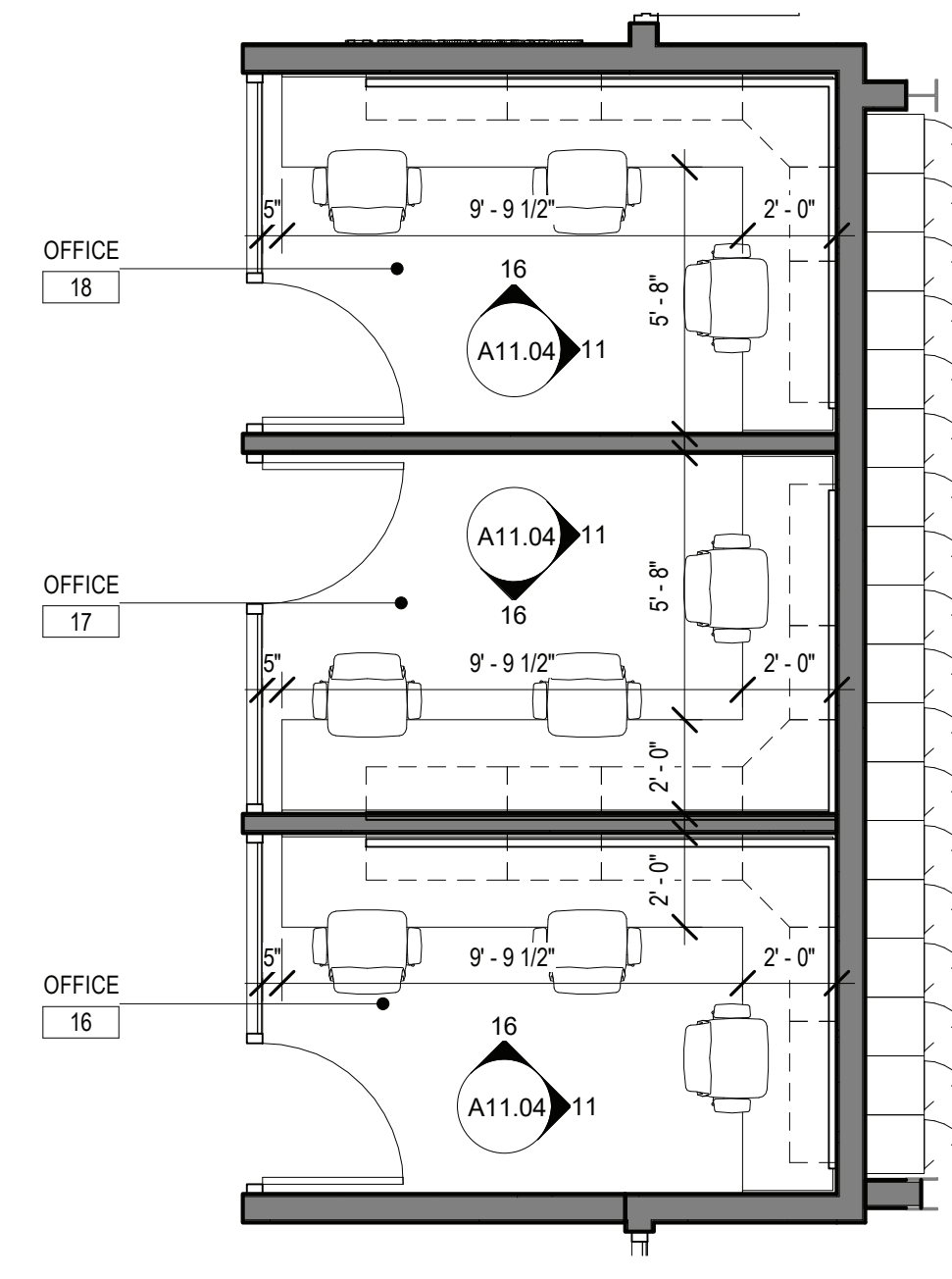
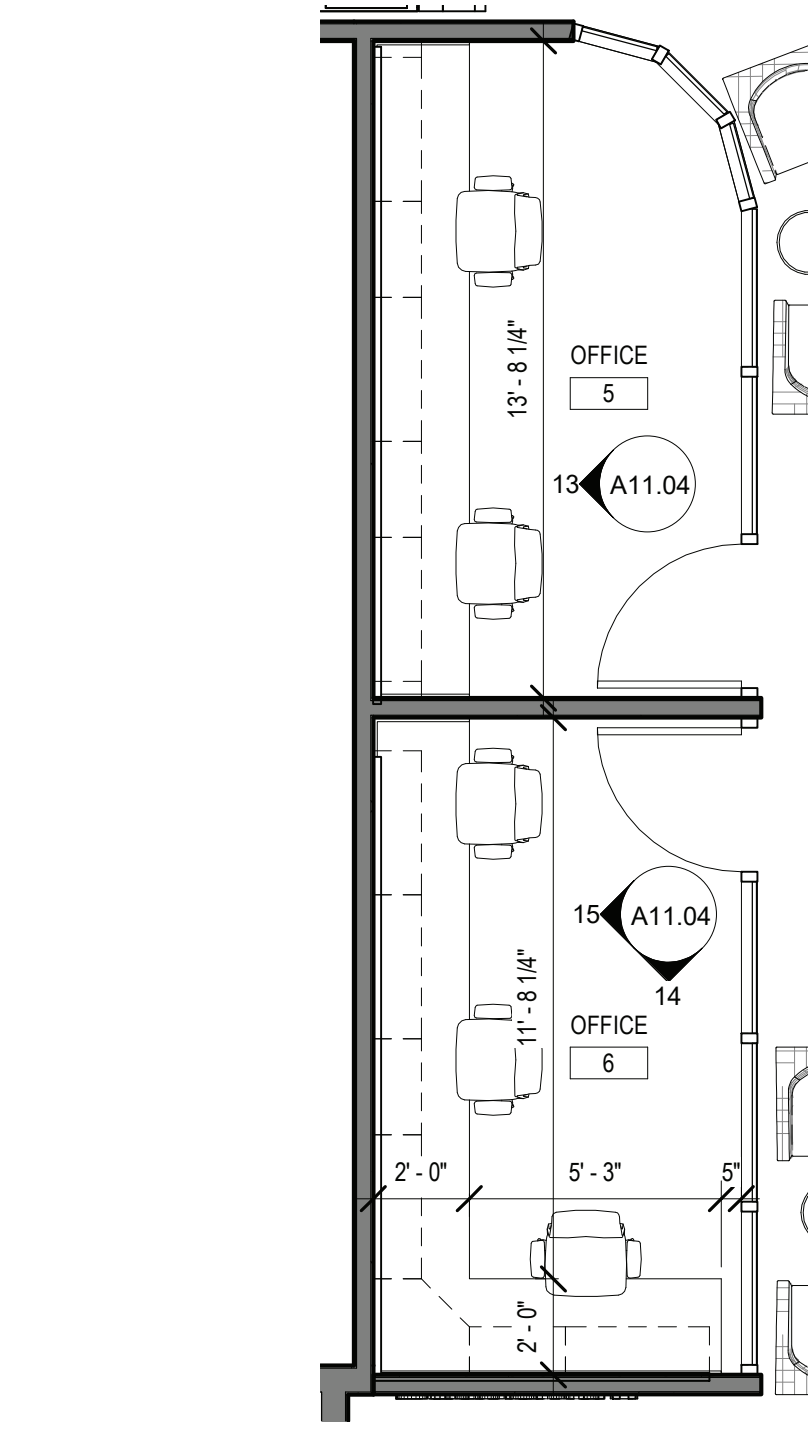
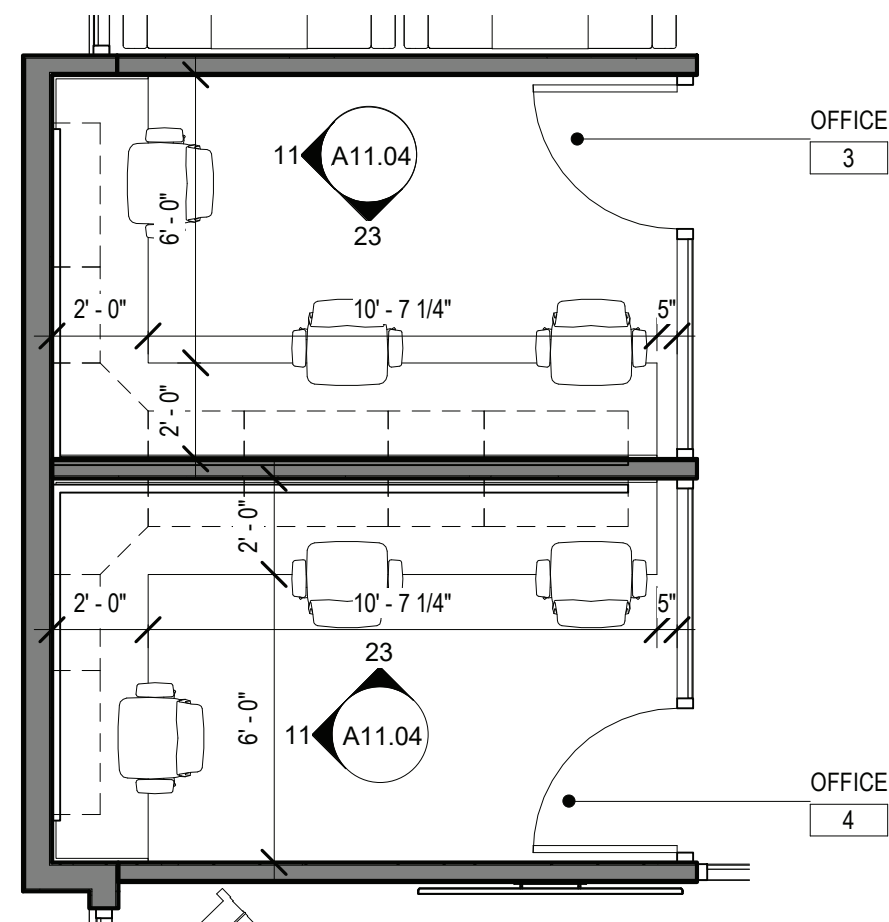
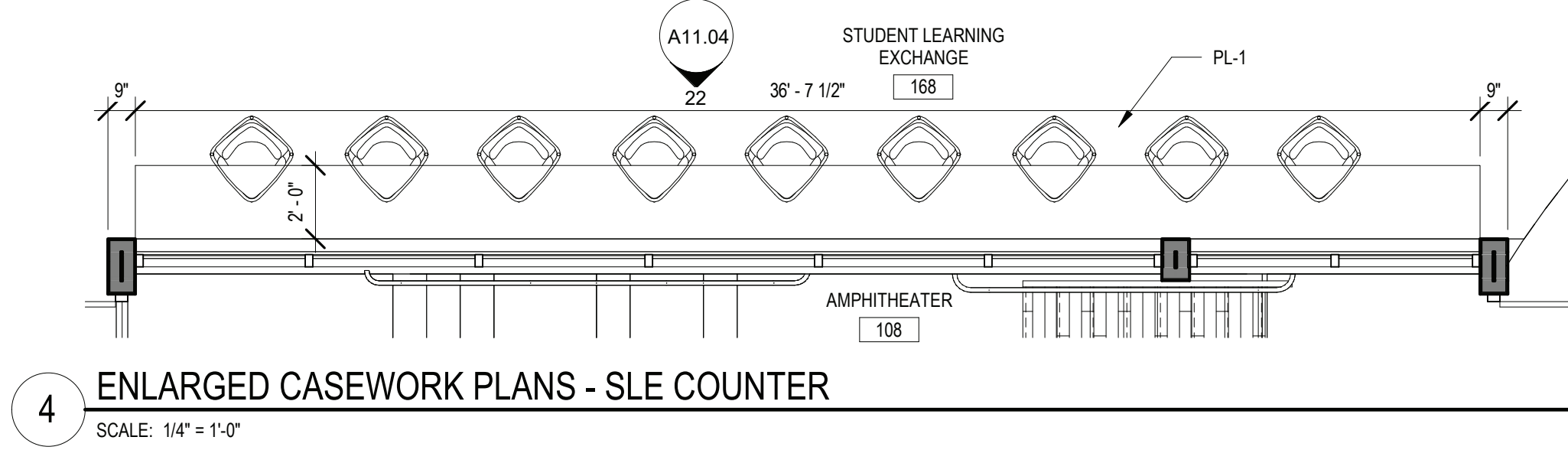
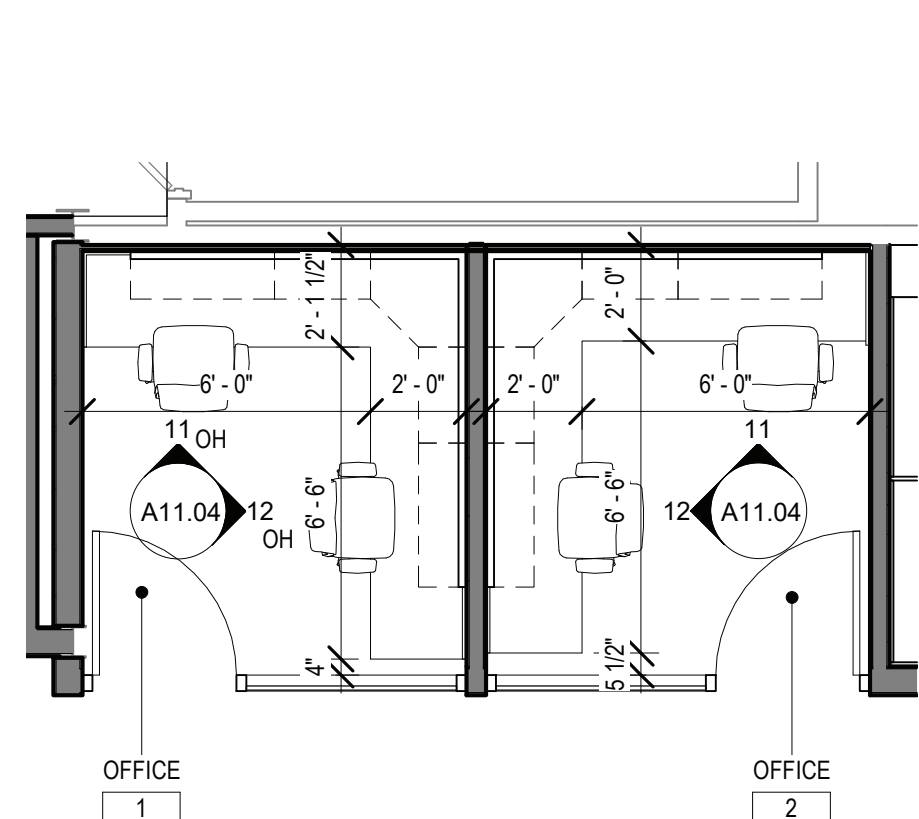
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DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG. TITLE ENLARGED RESTROOM ELEVATIONS  
SCALE: AS NOTED  
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BID PAU DATE: 11/14/2022  
FILE NO. 21-274C

A11.03 HSMS



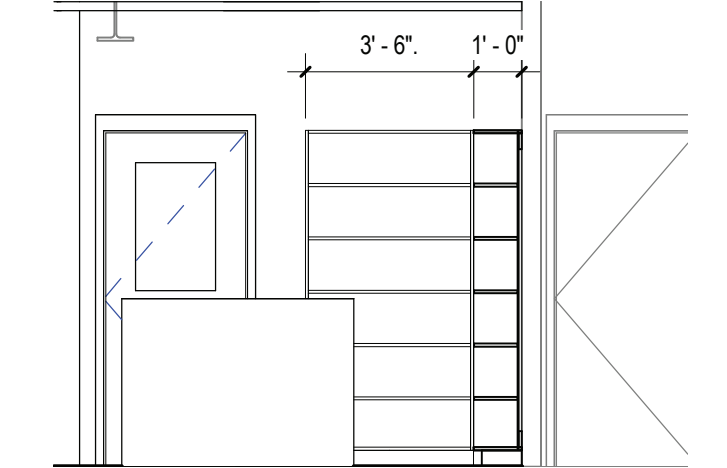
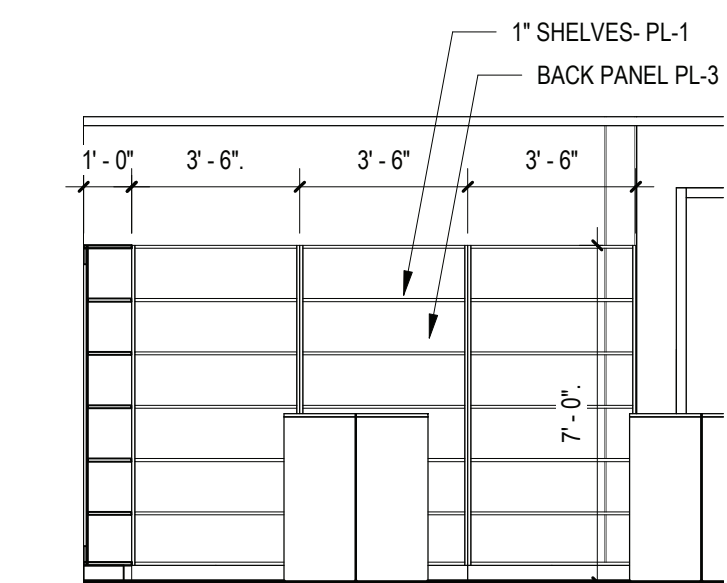
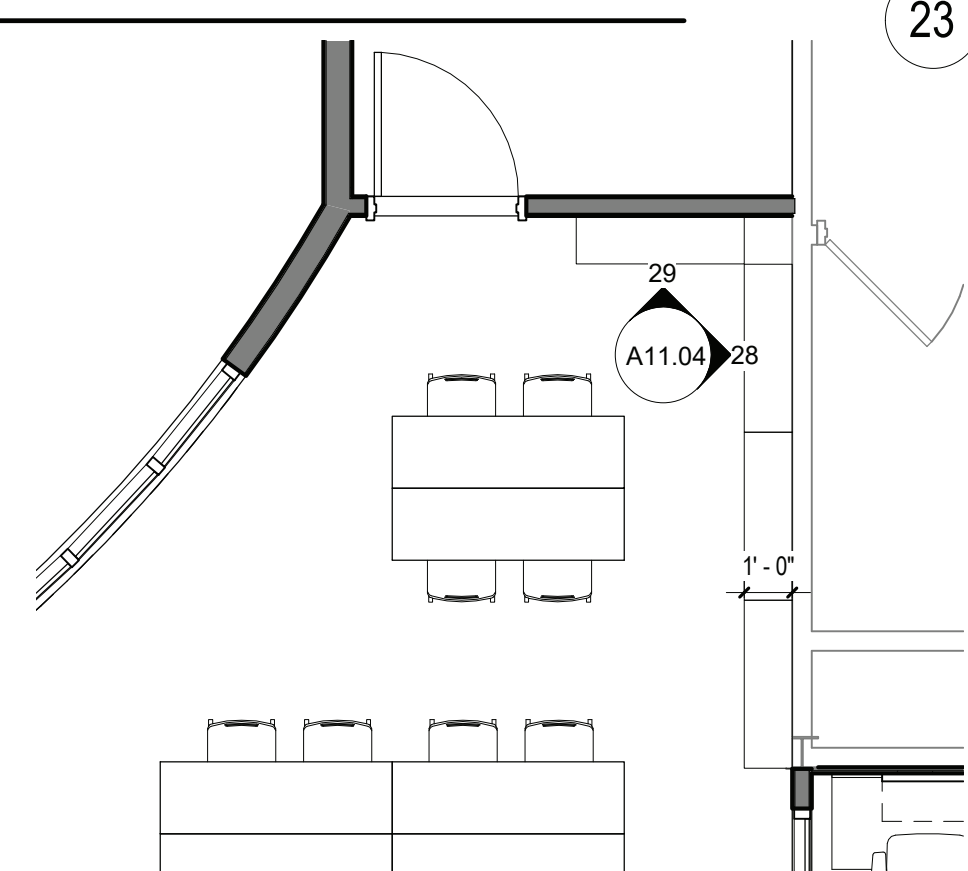
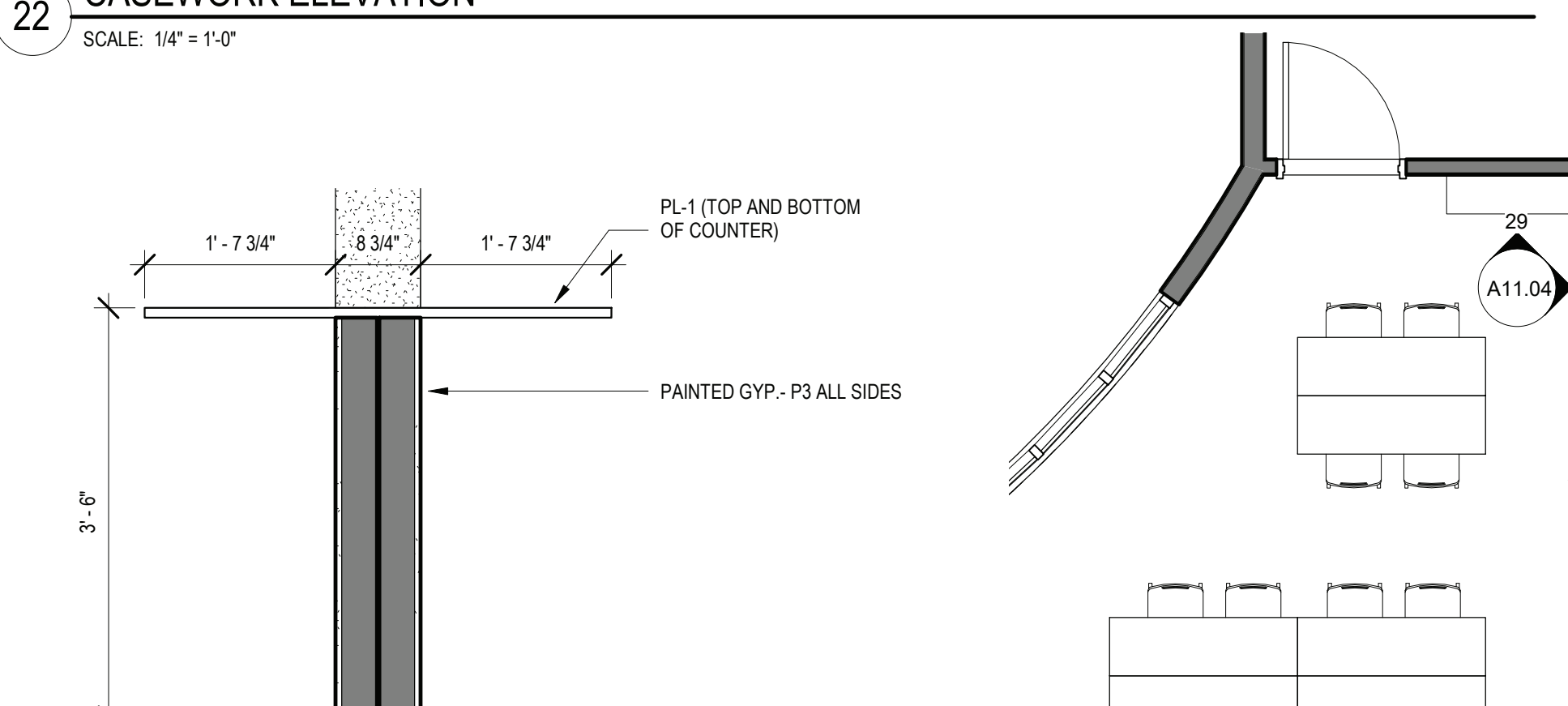
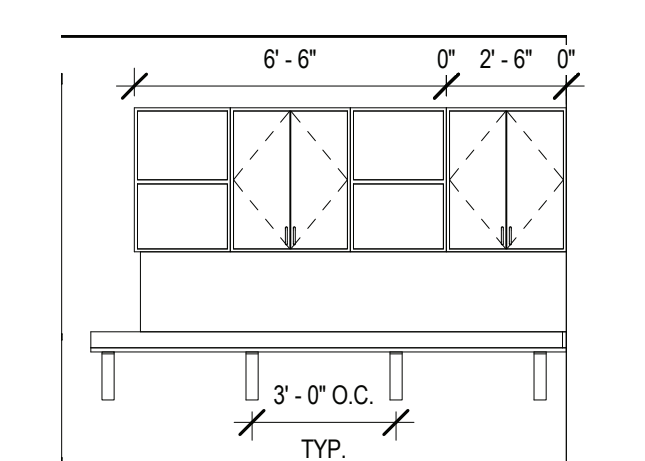
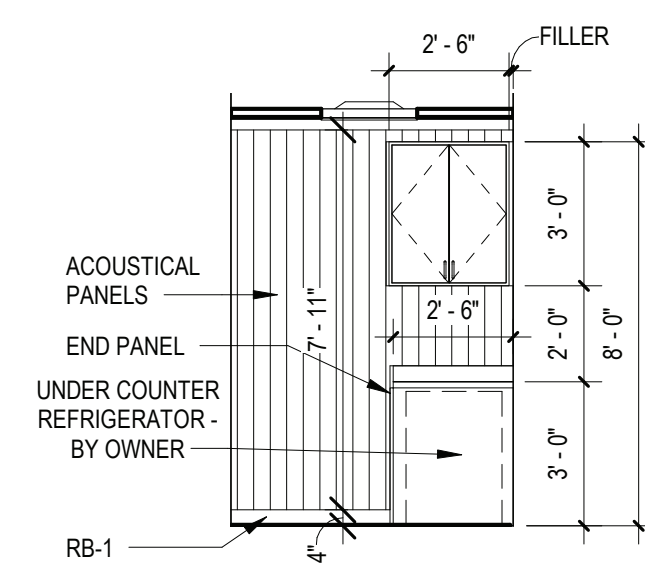
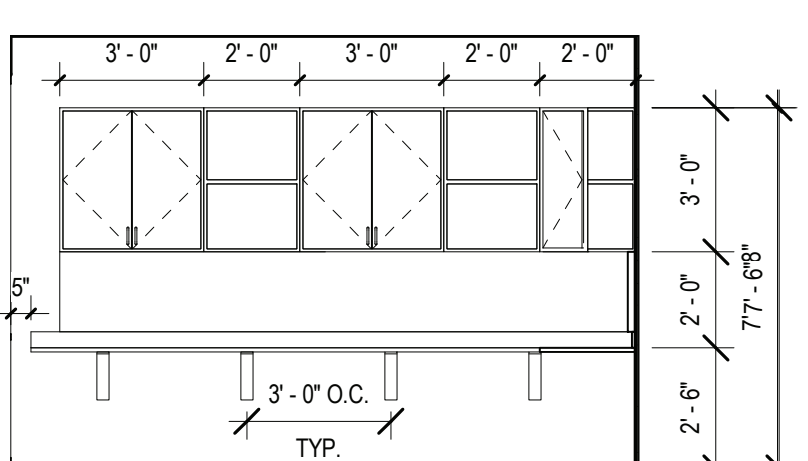
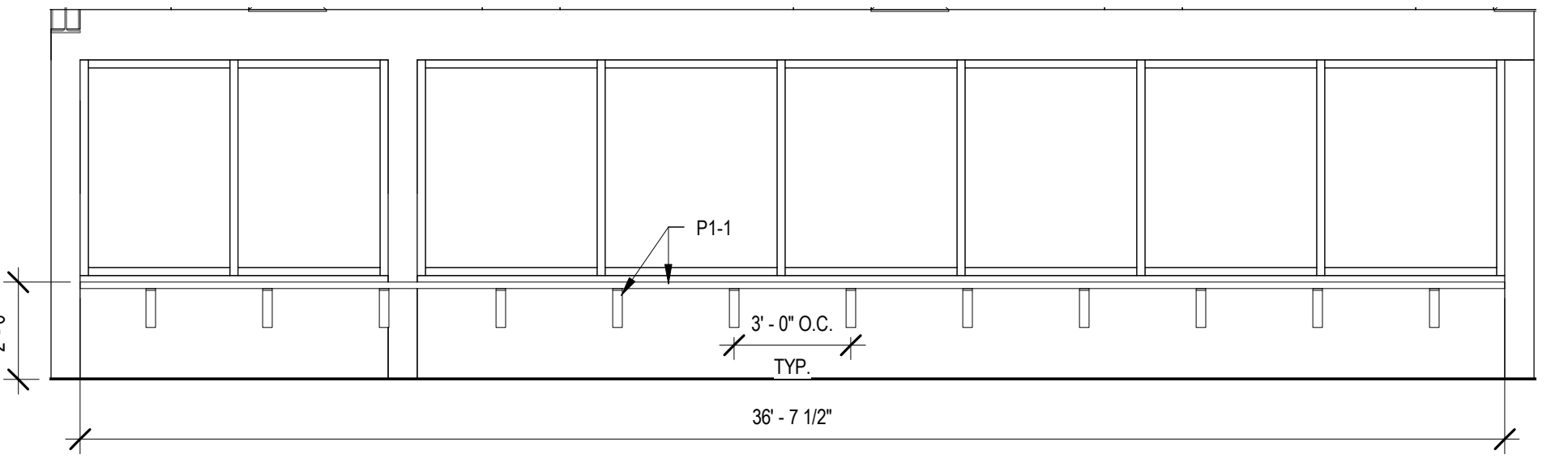
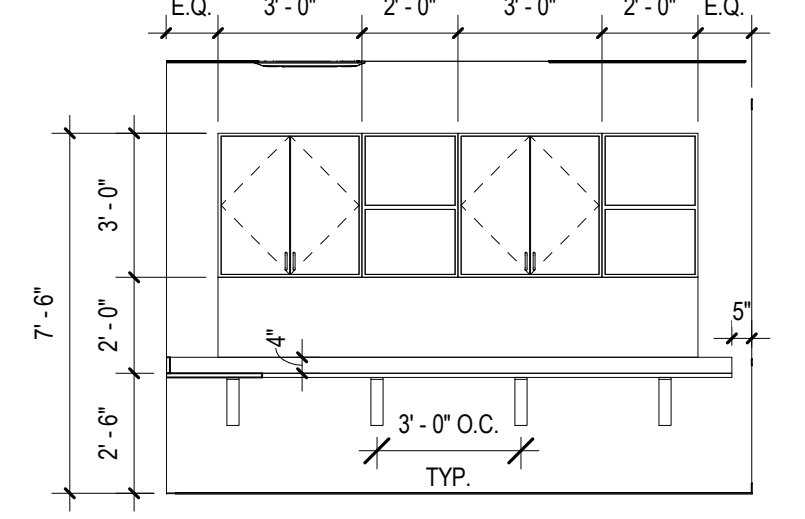
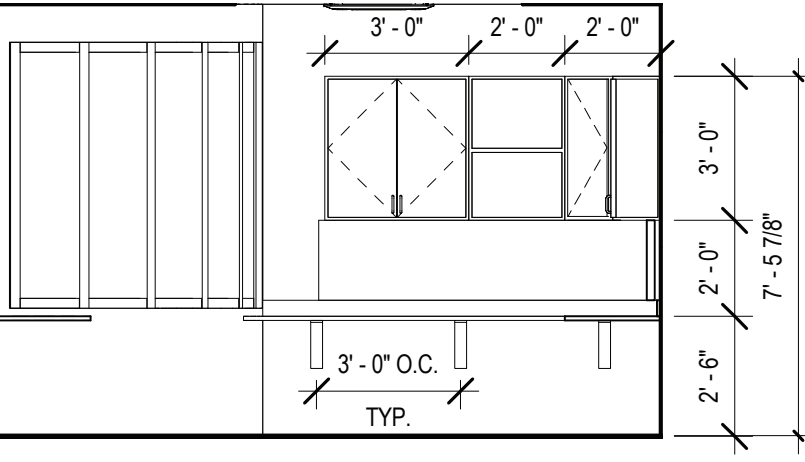
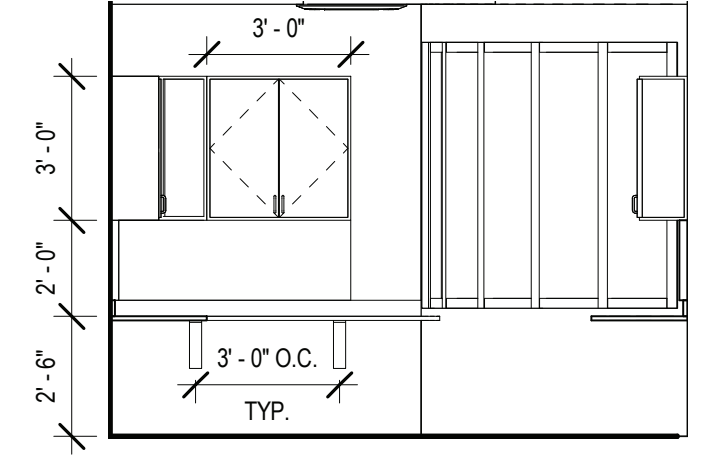
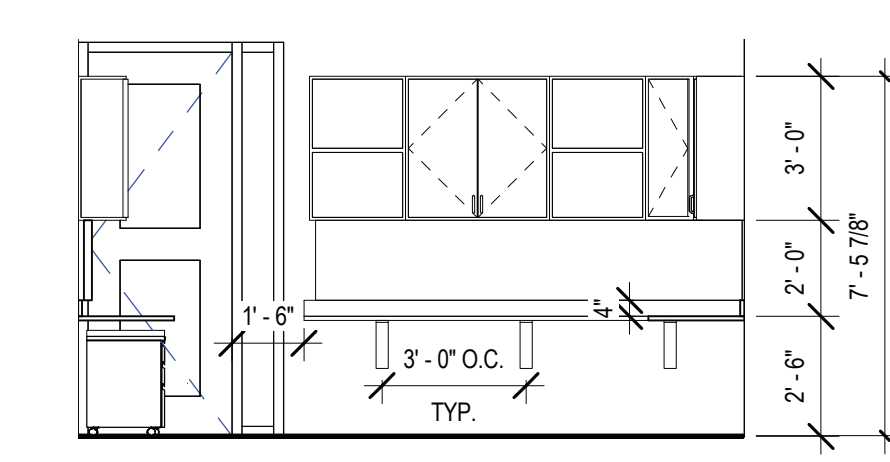
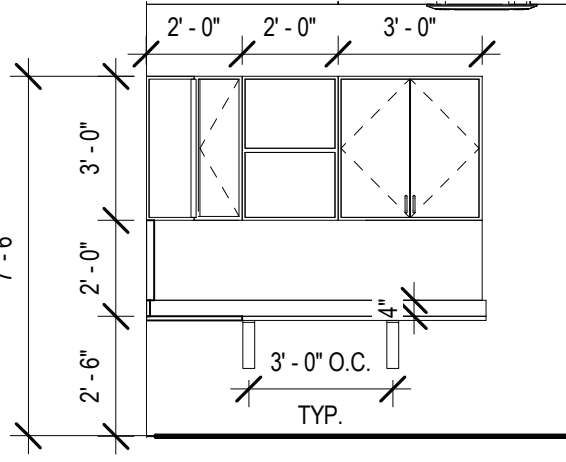
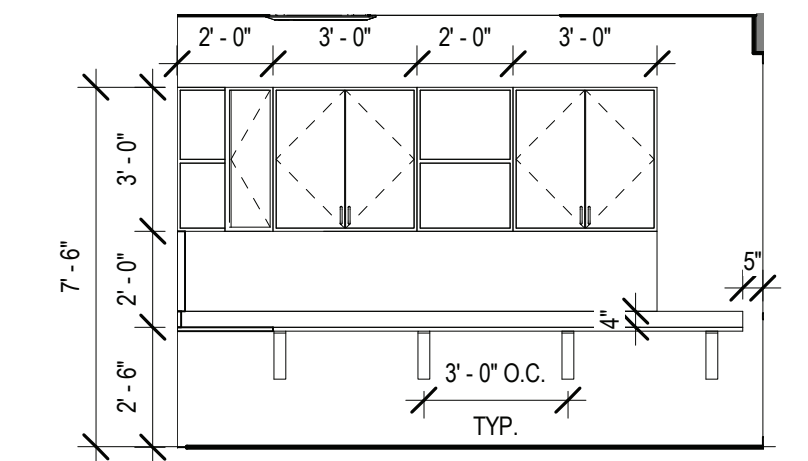
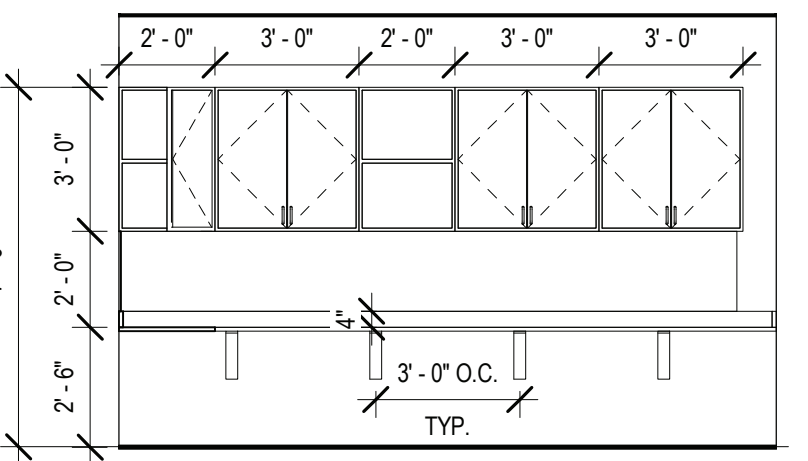
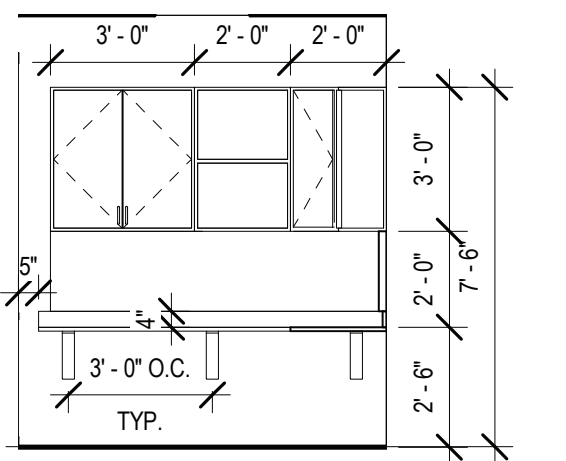
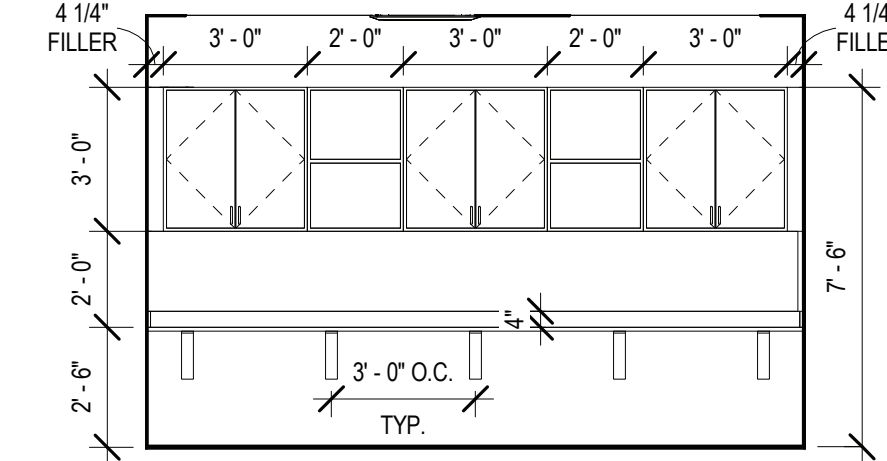
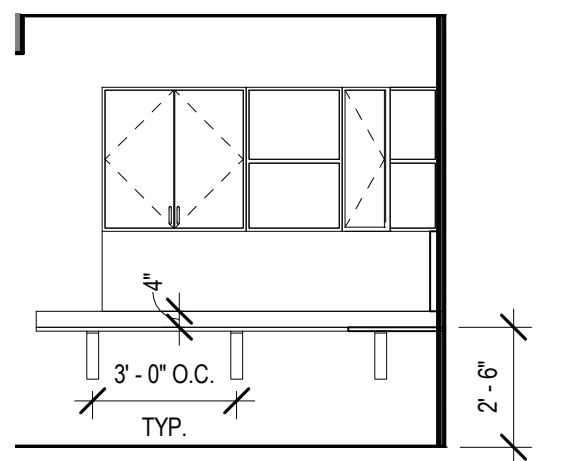
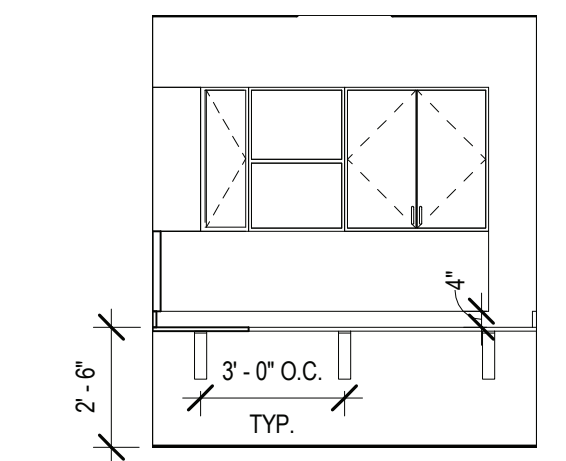
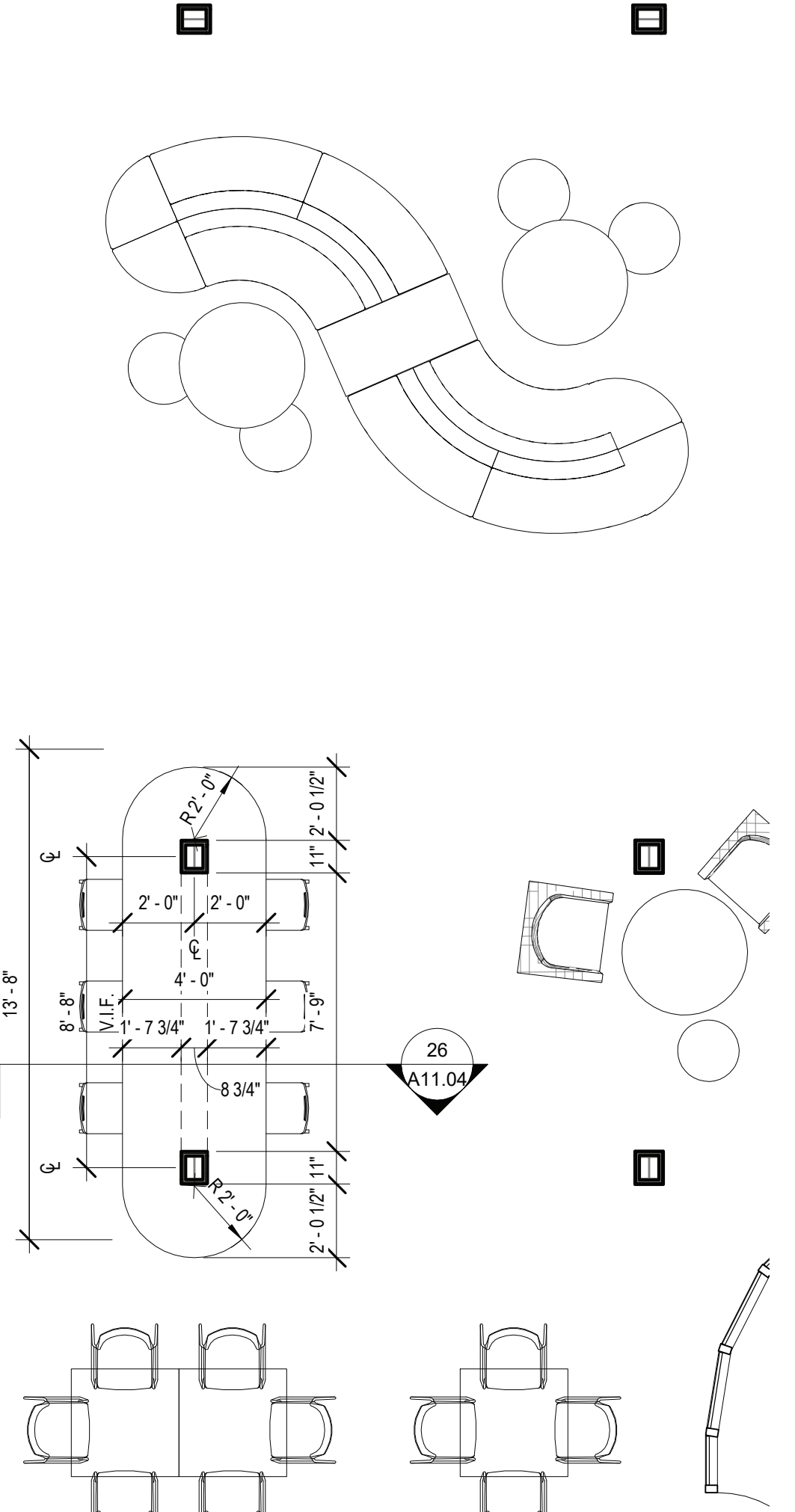
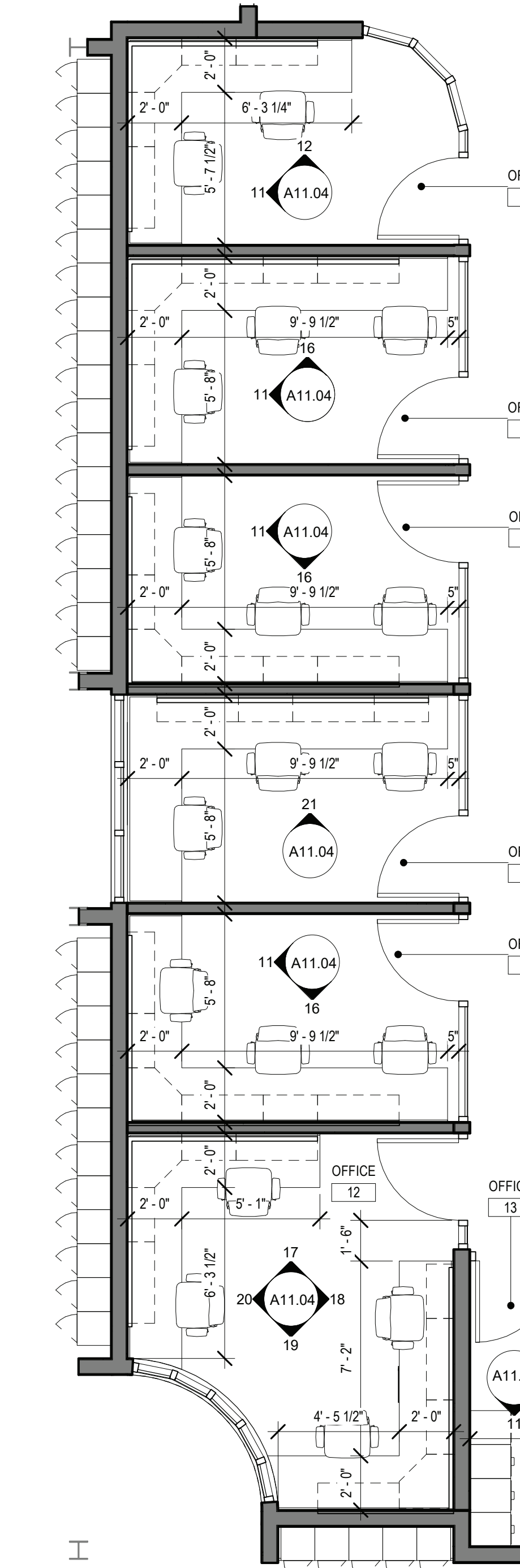


## CASEWORK CONSTRUCTION NOTES

1. ALL CASEWORK AS OUTLINED ON THIS DRAWING IS TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR (G.C.).
2. G.C. SHALL BE RESPONSIBLE TO FIELD VERIFY ALL DIMENSIONS & BUILD TO SUIT AND TO REVIEW AND REPORT ANY DISCREPANCIES TO ARCHITECT.
3. ALL PLUMBING INSTALLATIONS, CONNECTIONS, SERVICE PIPING & TRAPS SHALL BE PROVIDED & INSTALLED BY P.C.. ALL ELECTRICAL INSTALLATIONS, CONNECTIONS AND ELECTRICAL CONDUIT BY P.C.
4. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION ON SINK, FIXTURE, FITTINGS & ELECTRICAL CONNECTIONS.
5. G.C. SHALL BE RESPONSIBLE TO INSTALL ALL FLOORING, 4" RUBBER MAT BASE AT ALL NEW CASEWORK TIE KICKS AND AT ALL ADA KNEE SPACE AREAS AT BASE SINK UNITS. REFER TO FINISH SCHEDULE FOR ADDITIONAL FLOOR, WALL, BASE & CEILING FINISH INFORMATION.
6. G.C. SHALL FURNISH AND INSTALL FILLER PANELS WHERE NECESSARY, TO PROVIDE A COMPLETE AND FINISHED INSTALLATION. FILLER PANELS SHALL BE USED TO FORM CONTINUOUS CABINERY BETWEEN ALL UNITS AND/OR ADJACENT SURFACES.)
7. G.C. SHALL BE RESPONSIBLE FOR ALL CUTTING, PATCHING, AND BLOCKING AS REQUIRED FOR COMPLETE AND PROPER INSTALLATION OF THEIR WORK.
8. ALL TRADE CONTRACTORS SHALL BE RESPONSIBLE TO COORDINATE THEIR WORK WITH THE G.C.
9. UNLESS OTHERWISE NOTED ALL TACK BOARDS, MARKER BOARDS SHALL BE PROVIDED AND INSTALLED BY G.C. G.C. SHALL COORDINATE WITH M.C. P.C. AND E.C. FOR WALL MOUNTED COMPONENTS WHICH MAY NOT BE SHOWN THESE PLANS OR ELEVATIONS.
10. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE OVER 1/2" THICK PLYWOOD SUBSTRATE WITH 4" HIGH BACK & SIDE SPLASHES, U.O.N. IN CASEWORK SHOP DRAWINGS.
11. G.C. AND E.C. SHALL COORDINATE MOUNTING LOCATIONS FOR POWER AND DATA MANAGEMENT SYSTEM. OVERSIDE OF COMPUTER WORKSTATIONS AND CIRCULATION DESKS. G.C. SHALL PROVIDE ALL CUTOUPS IN PANELS AS REQUIRED FOR CABLE PASSAGE BETWEEN UNITS. NO SURFACE MOUNTED INSTALLATIONS WILL BE ACCEPTED WHICH OCCUR ABOVE THE WORKSURFACE. ALL SHALL BE CONCEALED EITHER BELOW WORKSURFACE OR WITHIN CABINETS.
12. G.C. SHALL SUBMIT SHOP DRAWINGS AND COLOR SAMPLES FOR APPROVAL BY ARCHITECT ACCORDING TO SPECIFICATIONS PRIOR TO FABRICATION.
13. ALL WOOD BLOCKING TO BE RETARDANT (U.O.N)
14. ALL DOORS, DRAWERS, CABINETS, FILES, ETC. SHALL RECEIVE WARDEN LOCKS. (MASTERKEY)
15. FINAL MECHANICAL CONNECTIONS BY M.C., FINAL ELECTRICAL CONNECTIONS BY E.C. & FINAL PLUMBING CONNECTIONS BY P.C.

GENERAL CASEWORK/  
FURNITURE NOTES

1. ALL UPPER CABINETS SHALL BE 12" DEEP, U.O.N.
2. ALL BASE CABINETS SHALL BE 34" TALL, U.O.N.
3. ALL LOOSE FURNITURE TO BE PROVIDED BY OWNER AND N.I.C.



REV.	DATE	ITEM

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PHASE 2 BOND IMPROVEMENTS  
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444 PLEASANTVILLE RD, BRIARCLIFF MANOR, NY 10510

ECT

DRWG. BY: C.M.

CHK. BY:	G.E.O.
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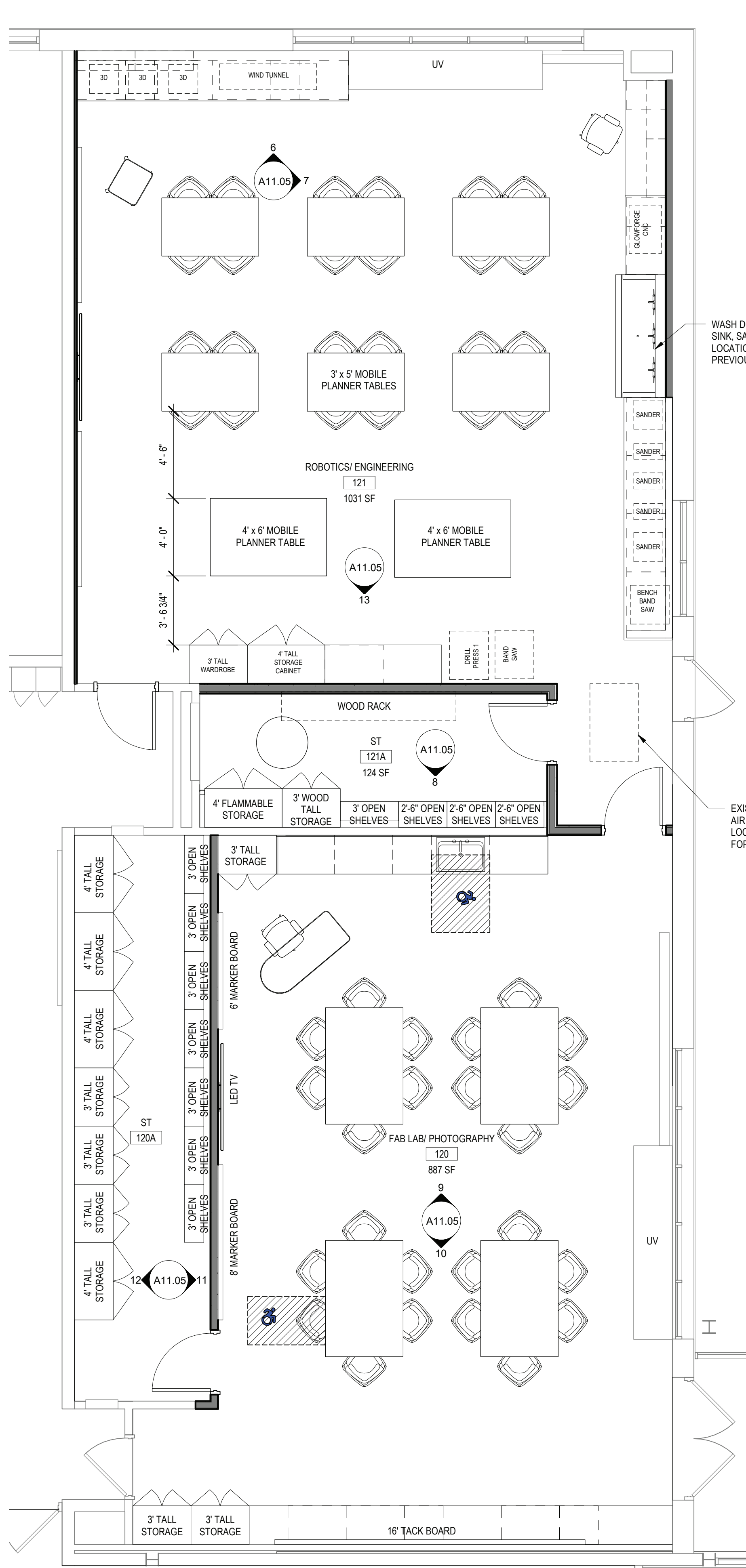
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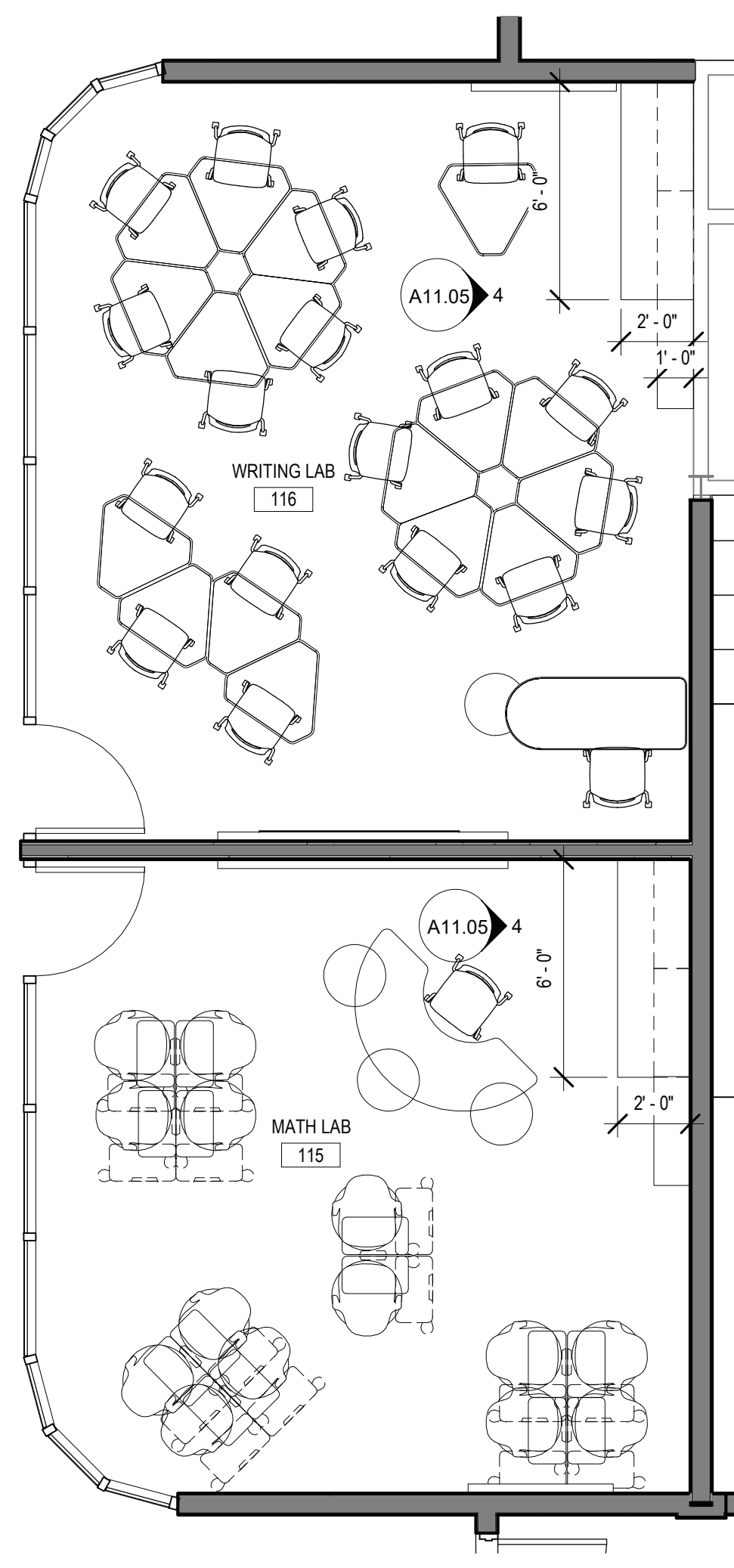
<b>SED No.</b>	65-14-02-02-0-004-023
<b>DISTRICT</b>	BRIARCLIFF MANOR U.F.S.D.
<b>PROJECT</b>	PHASE 2 BOND IMPROVEMENTS
<b>DWG. TITLE</b>	ENLARGED EQUIPMENT PLANS & DETAILS
<b>SCALE:</b>	AS NOTED
<b>DATE:</b>	-
<b>BID P/U DATE:</b>	11/14/2022
<b>FILE NO.</b>	21-274C

A11.04	HSMS
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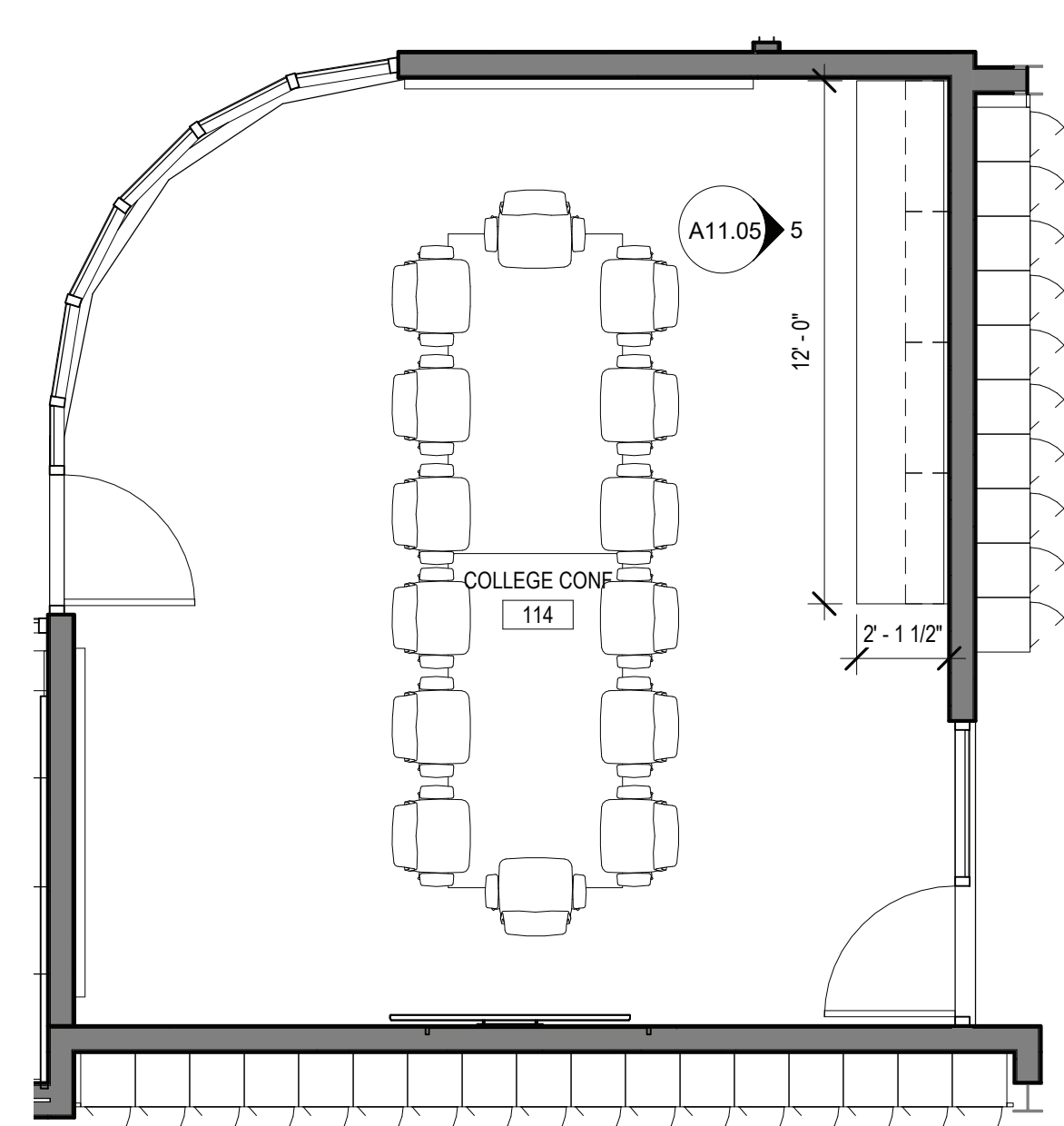




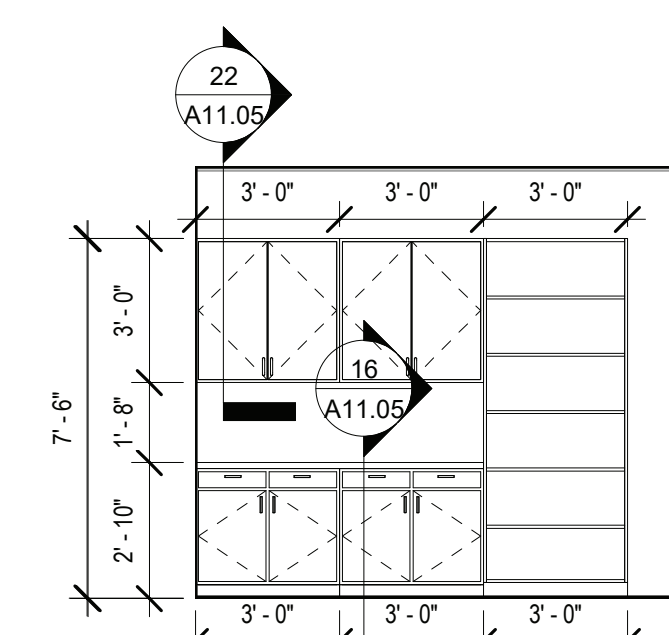
1 ENLARGED CASEWORK PLANS - ROBOTICS/ENGINEERING & FAB LAB/PHOTOGRAPHY  
SCALE: 1/4" = 1'-0"



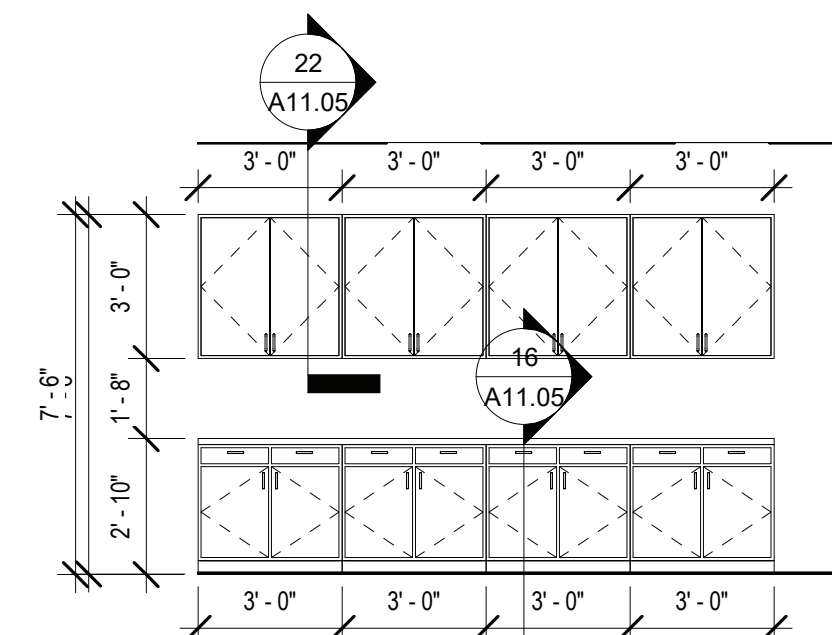
2 ENLARGED CASEWORK PLANS - MATH & WRITING LAB  
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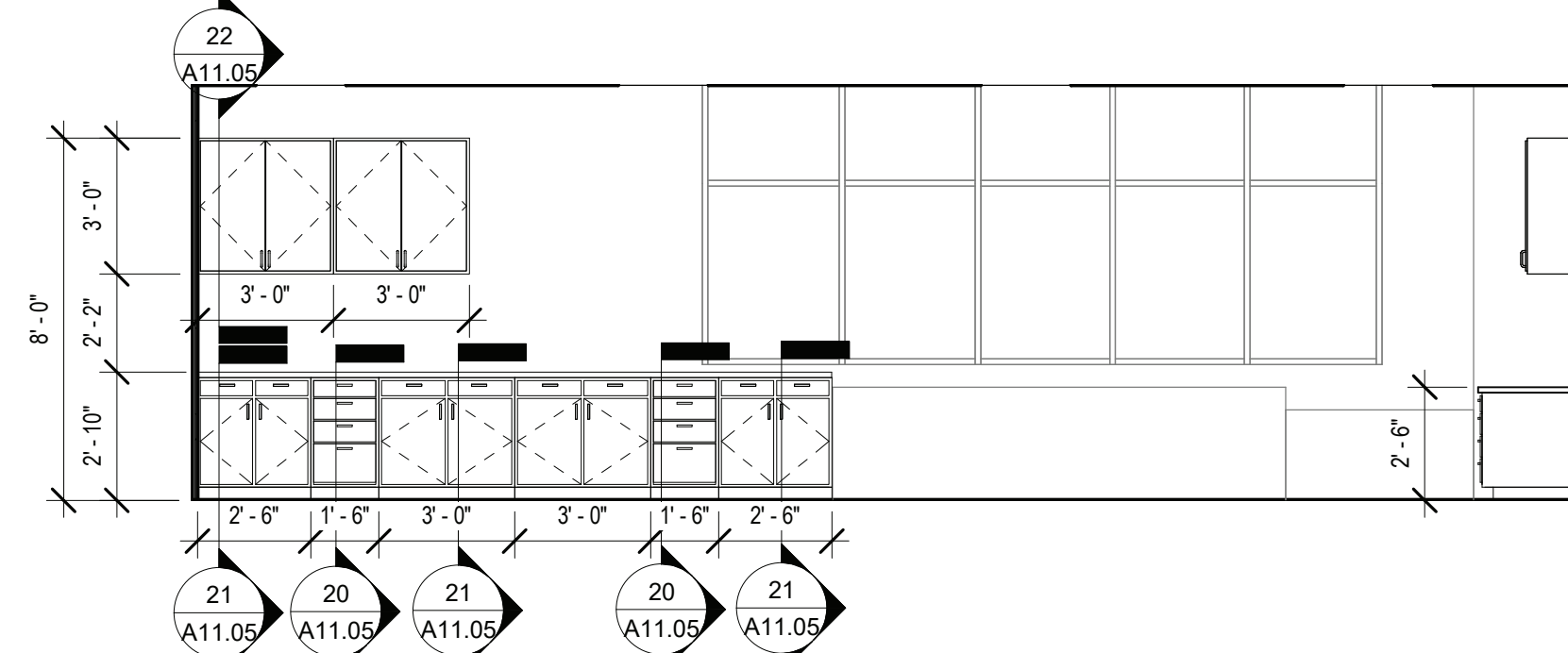
3 ENLARGED CASEWORK PLANS - COLLEGE CONFERENCE  
SCALE: 1/4" = 1'-0"



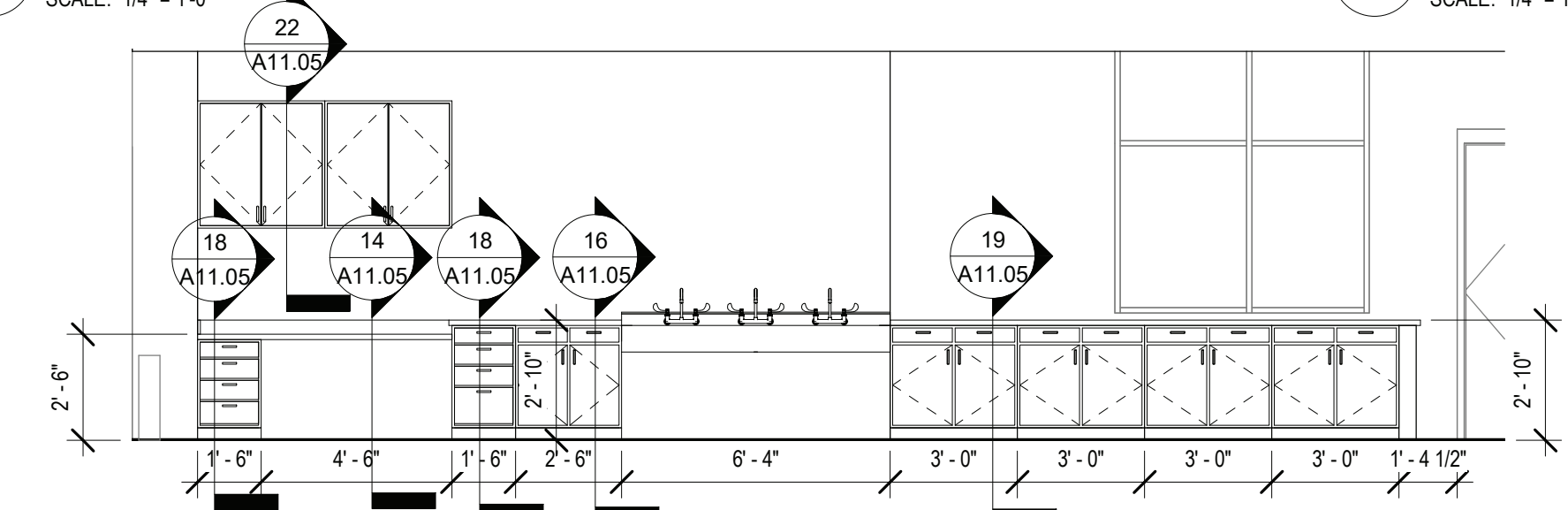
4 CASEWORK ELEVATION  
SCALE: 1/4" = 1'-0"



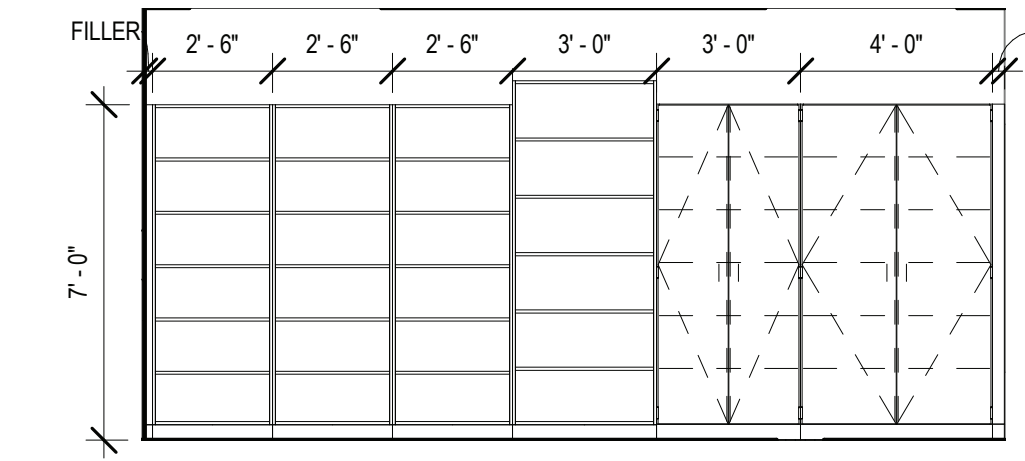
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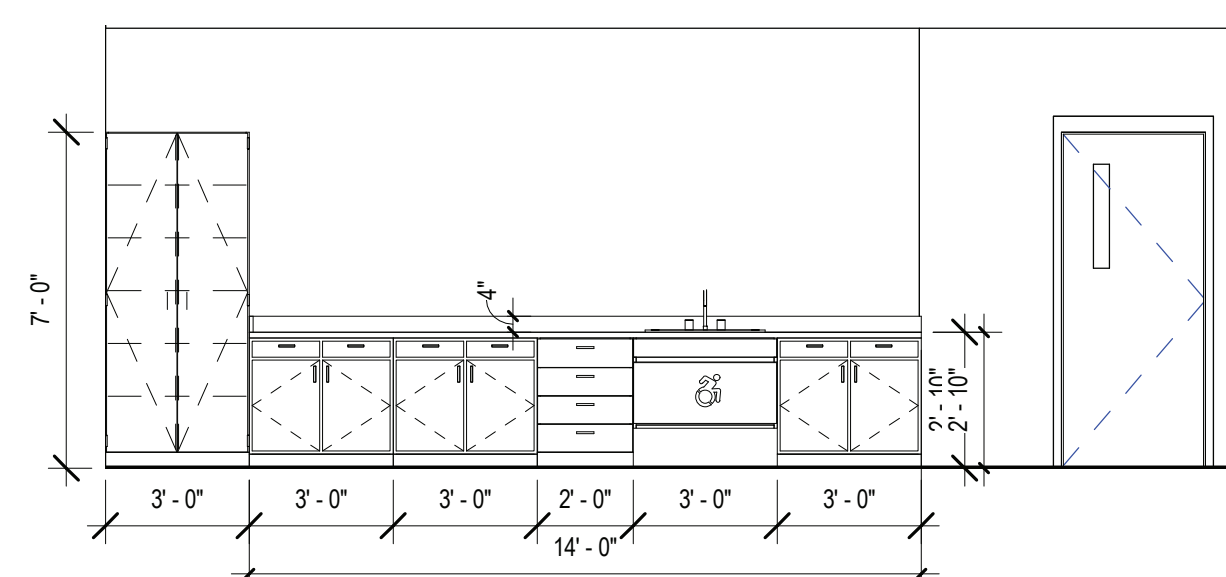
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SCALE: 1/4" = 1'-0"



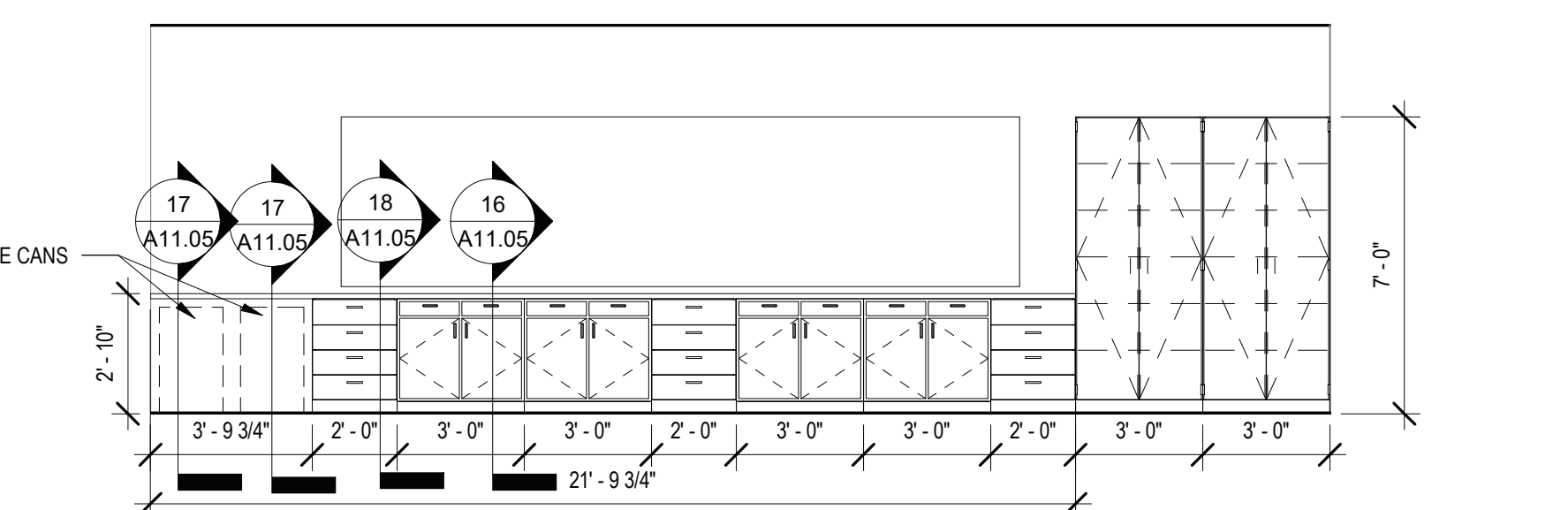
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SCALE: 1/4" = 1'-0"



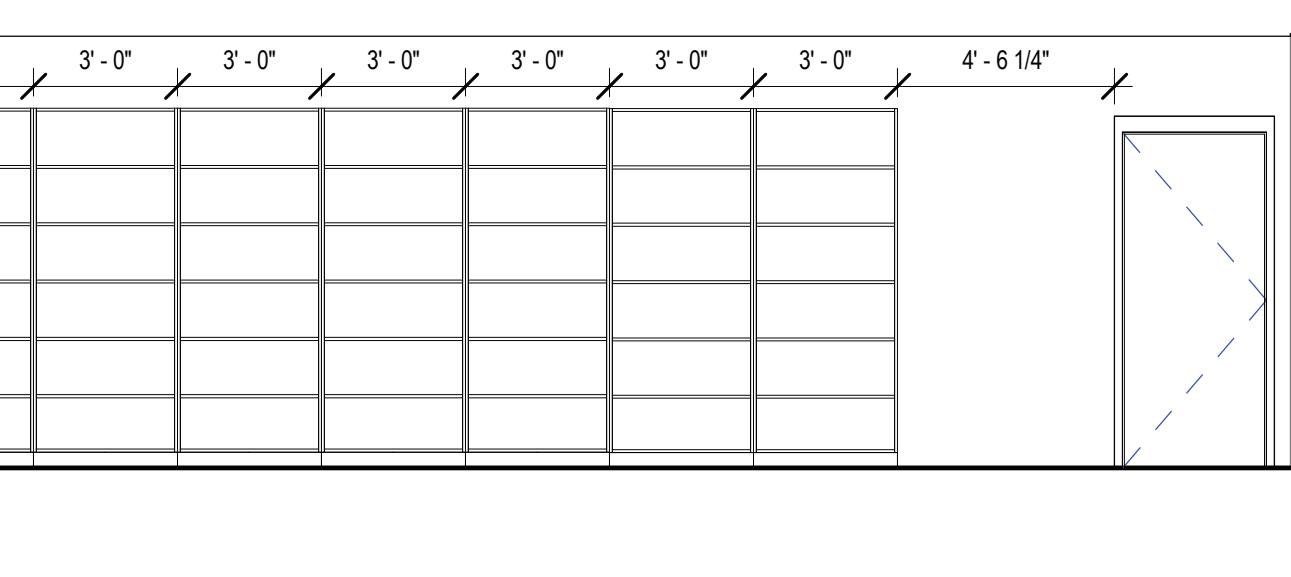
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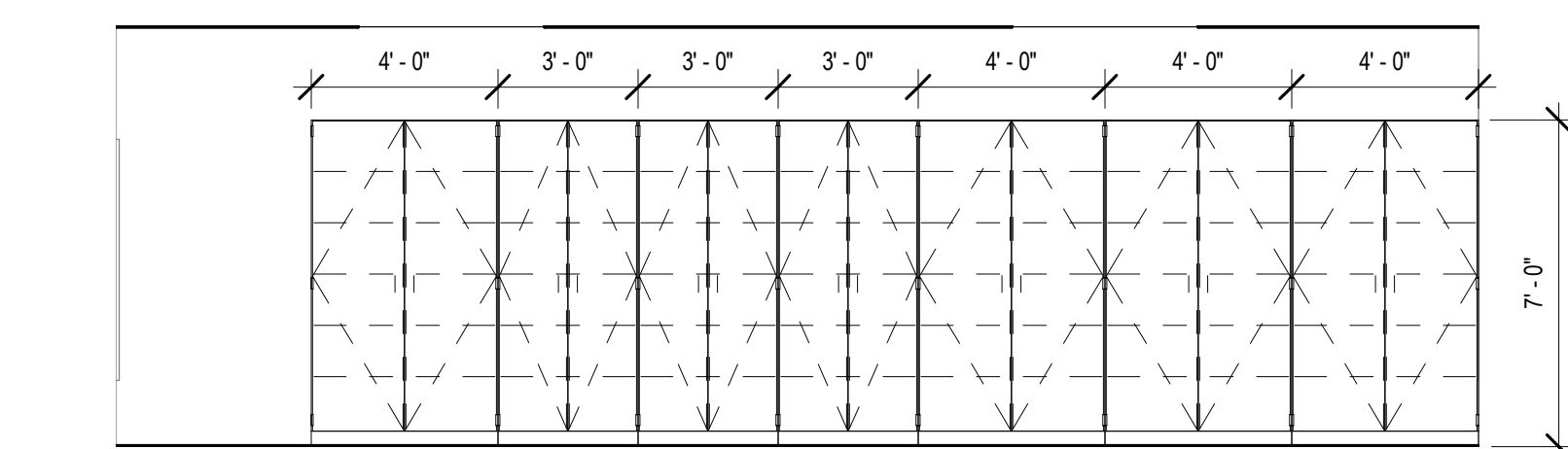
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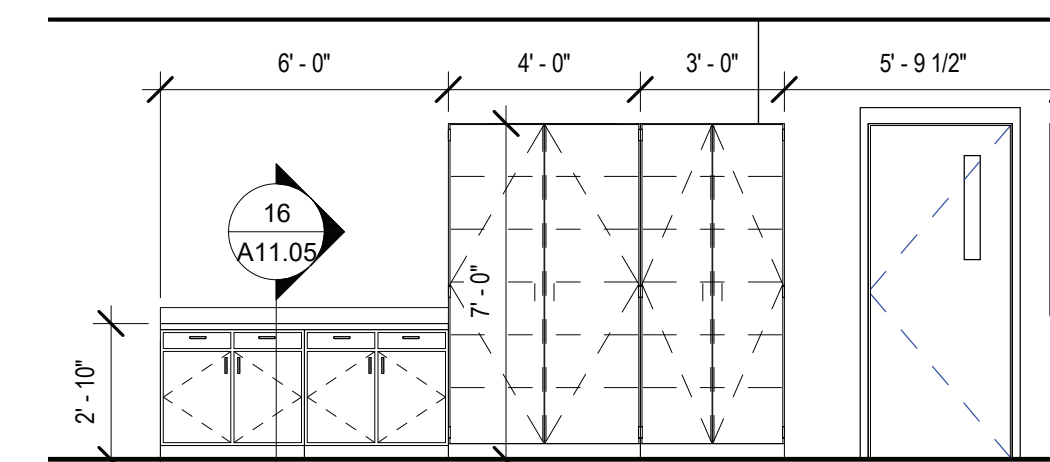
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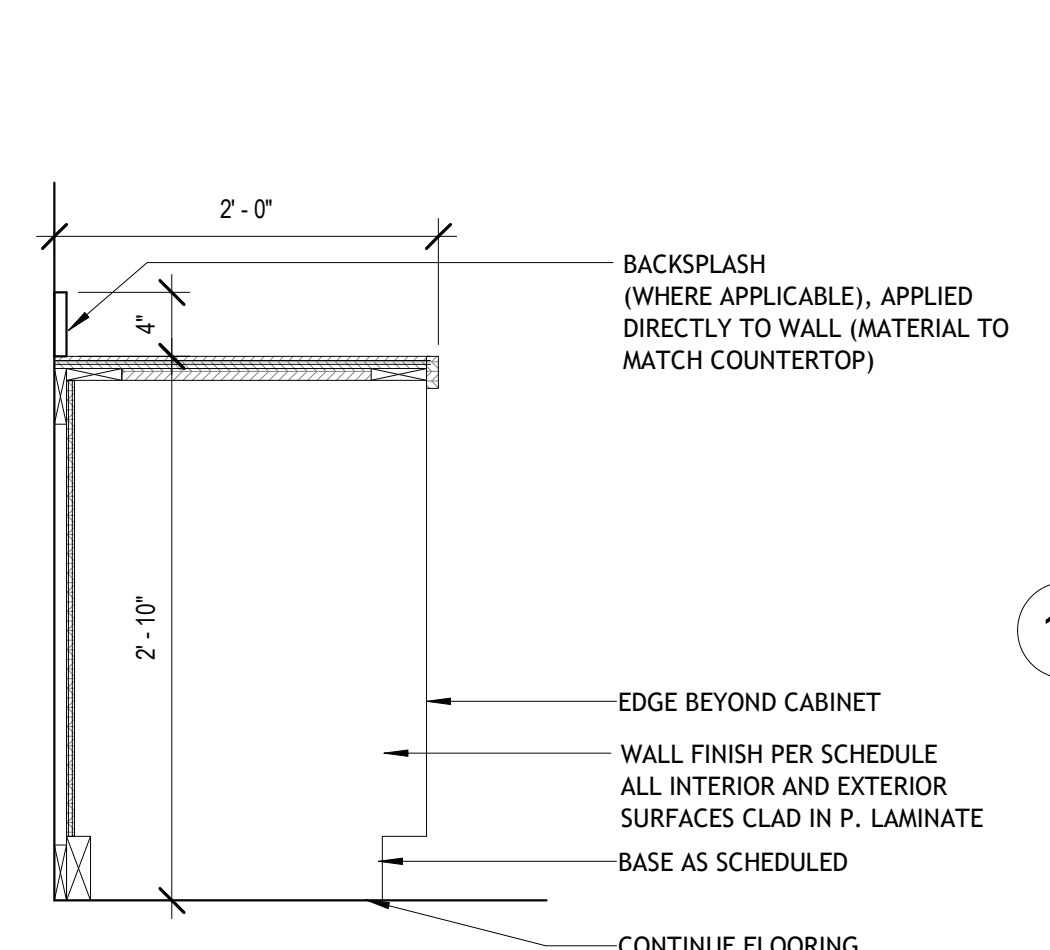
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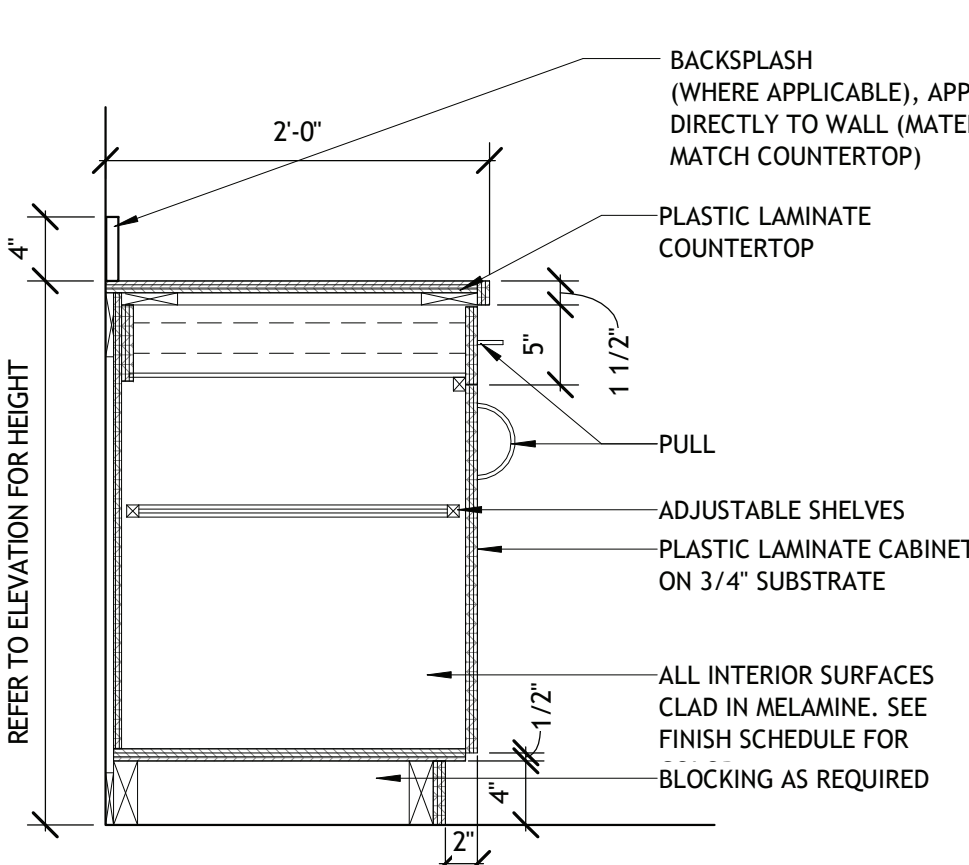
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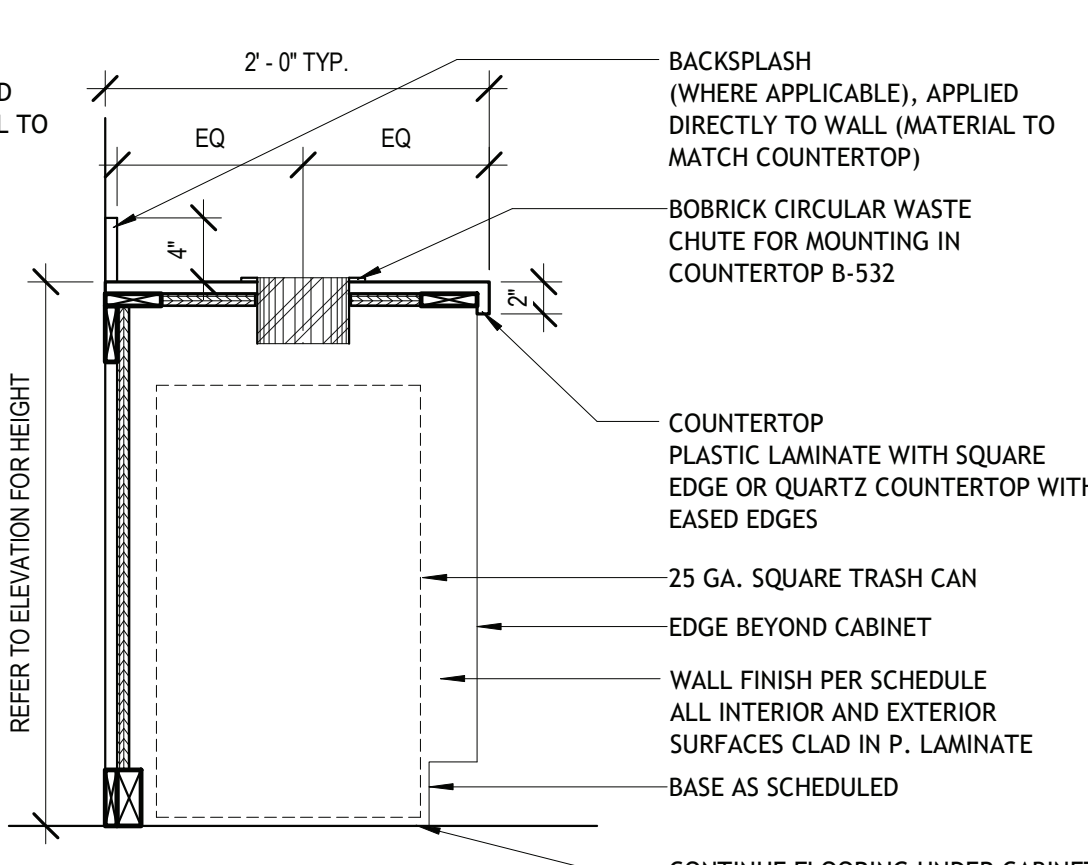
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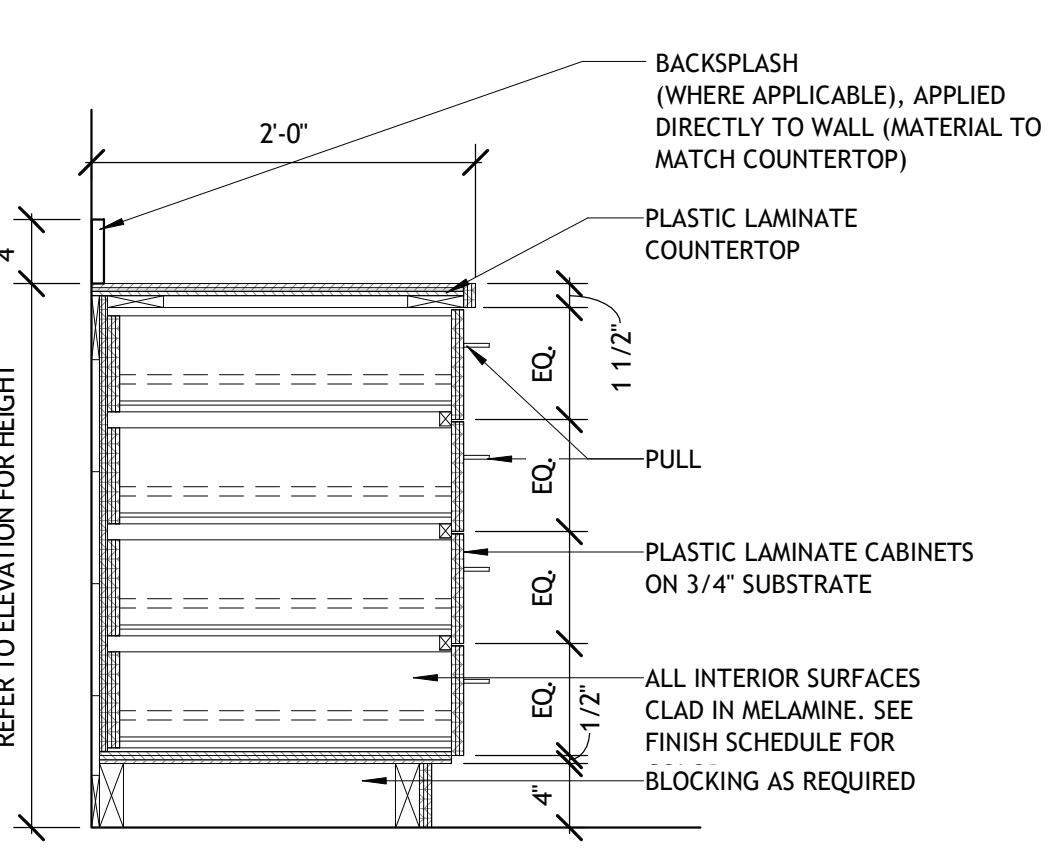
15 TYP OFFICE CASEWORK SECTION  
SCALE: 1/4" = 1'-0"



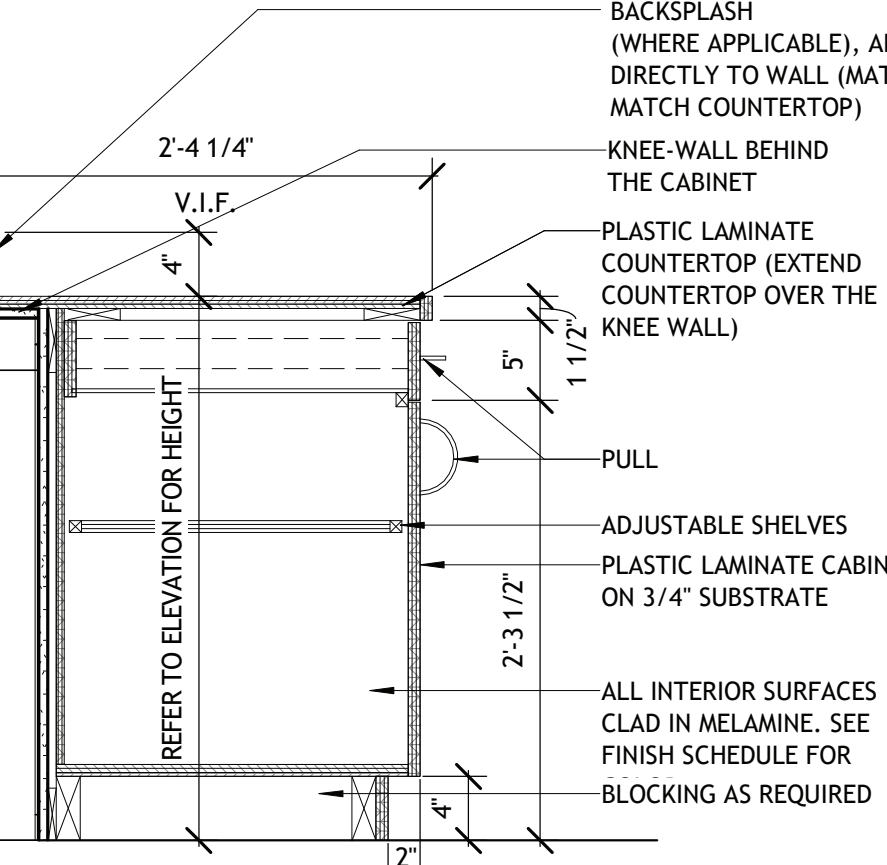
16 TYP. BASE CABINET  
SCALE: 1" = 1'-0"



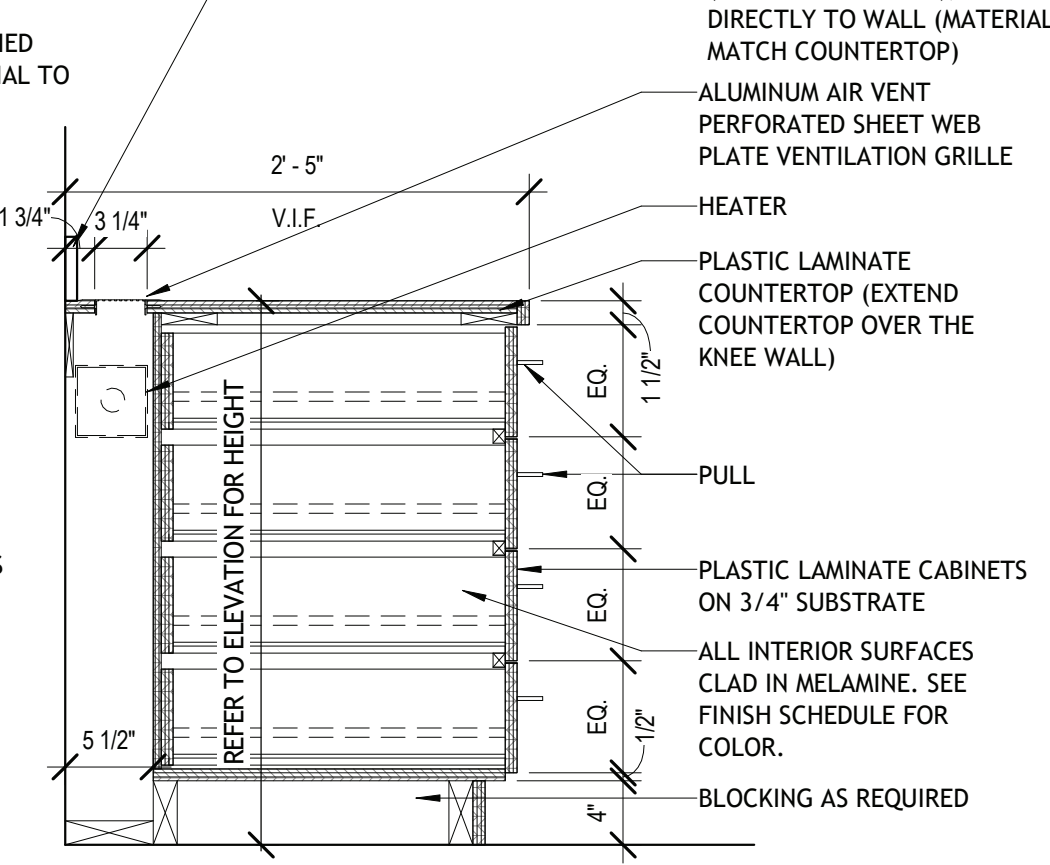
17 TYP. BASE CABINET WITH WASTE CHUTE  
SCALE: 1" = 1'-0"



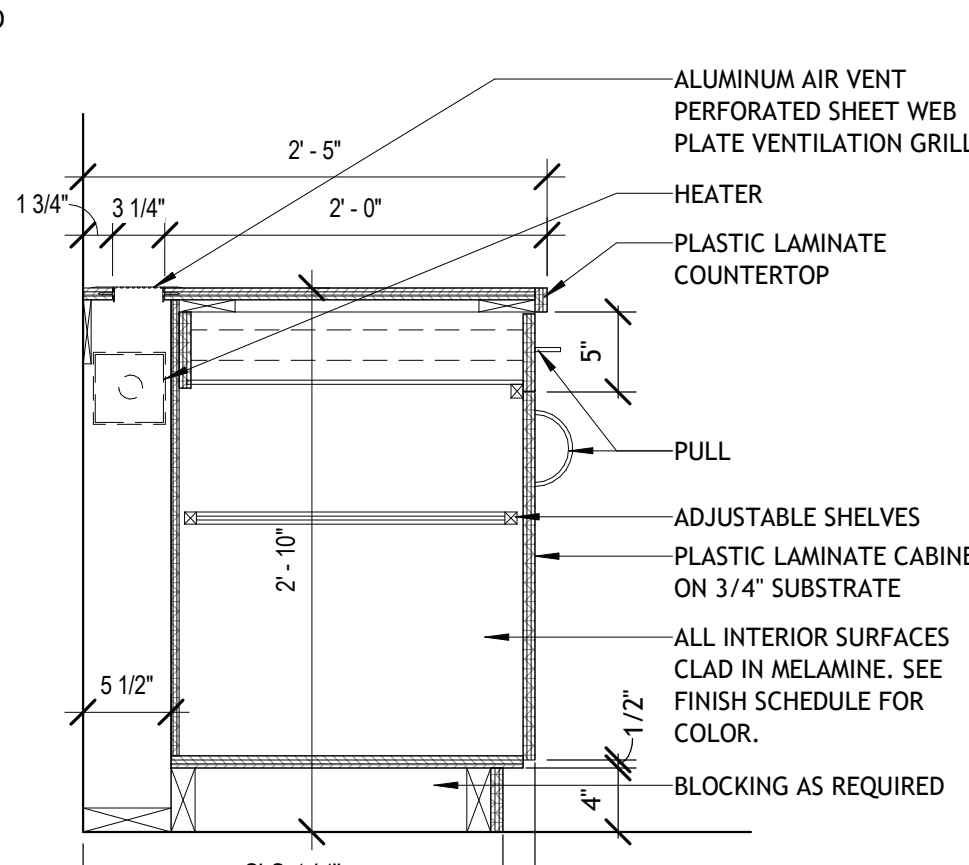
18 TYP. BASE CABINET WITH DRAWERS  
SCALE: 1" = 1'-0"



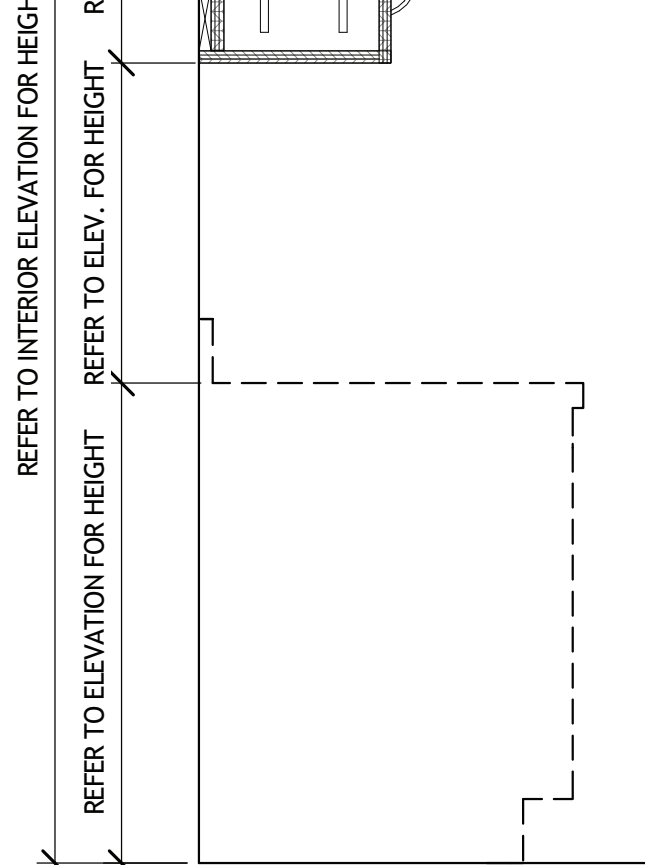
19 TYP. BASE CABINET (KNEE WALL)  
SCALE: 1" = 1'-0"



20 TYP. BASE CABINET W/ DRAWERS (HEATER BEHIND)  
SCALE: 1" = 1'-0"



21 TYP. BASE CABINET - HEATER BEHIND  
SCALE: 1" = 1'-0"



22 TYP. UPPER CABINET  
SCALE: 1" = 1'-0"

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**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

ENLARGED EQUIPMENT PLANS & DETAILS

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**CHK. BY:** G.E.O.

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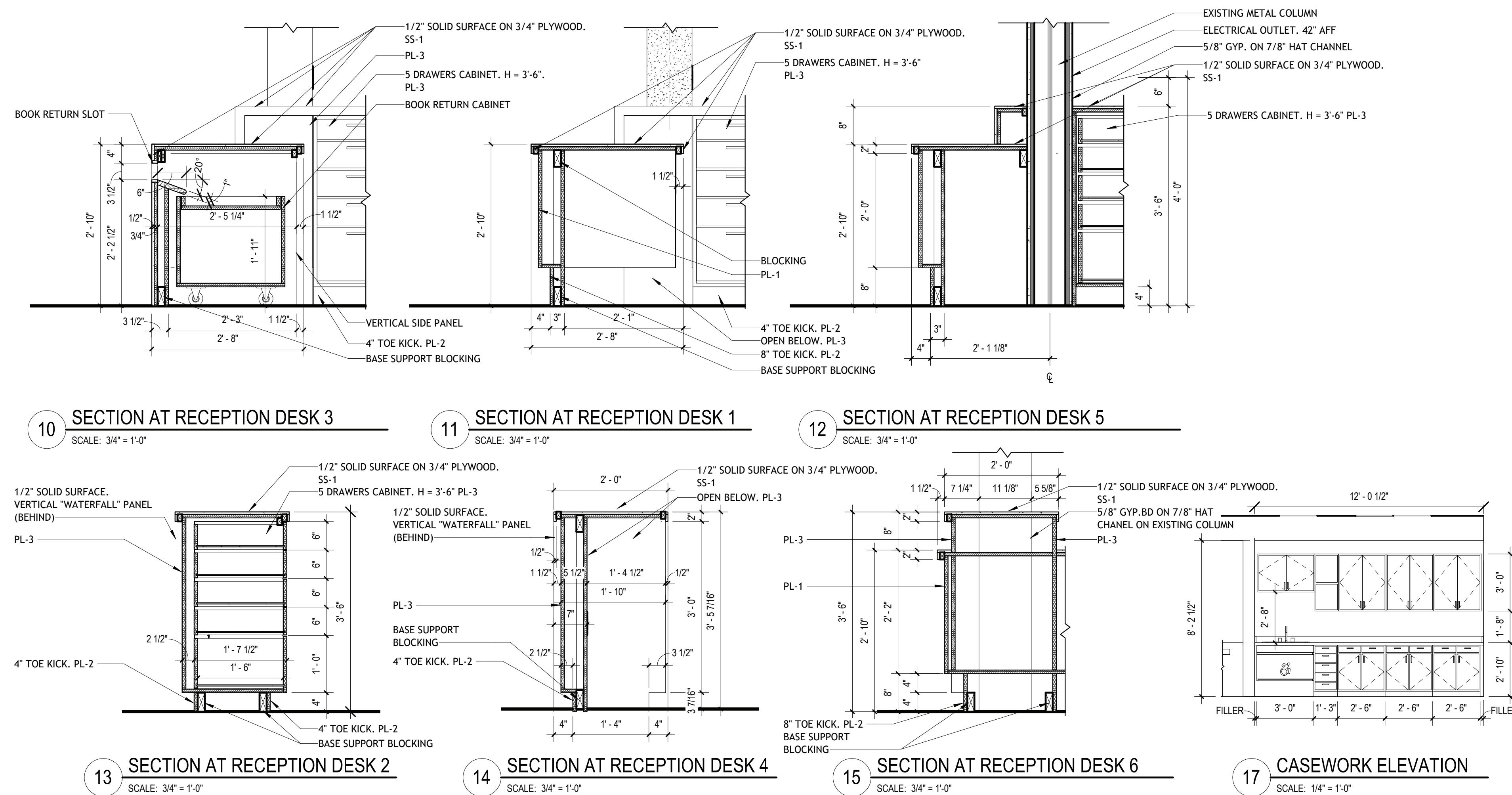
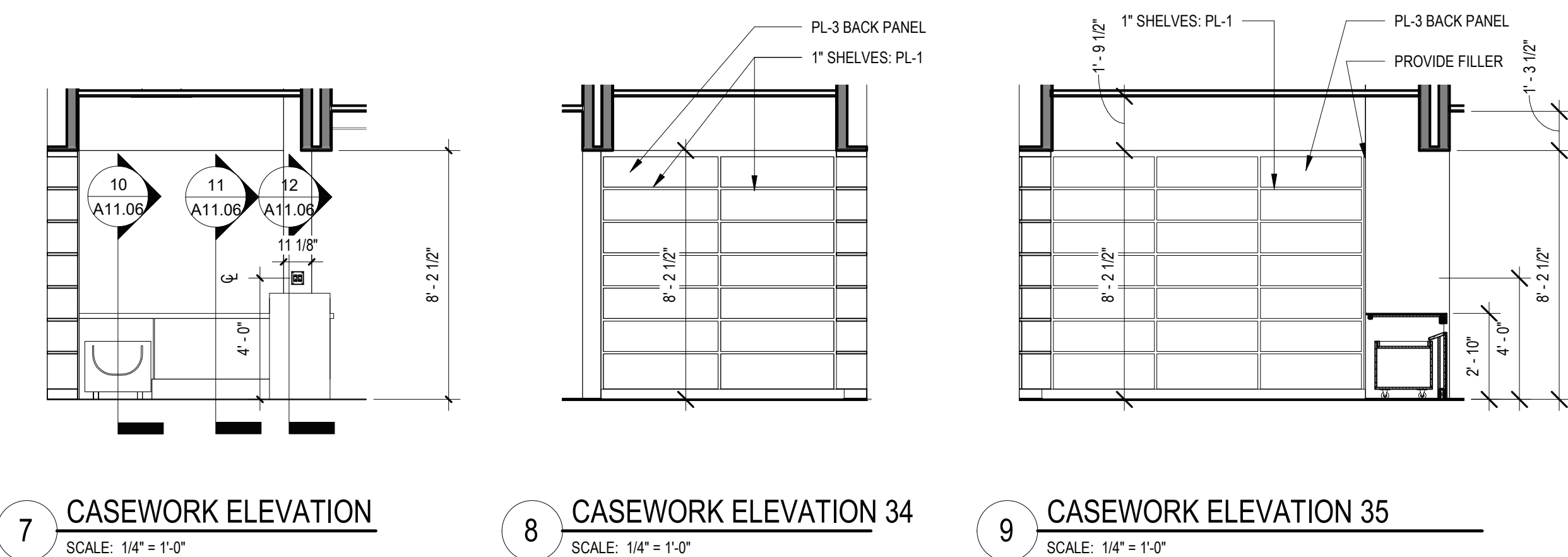
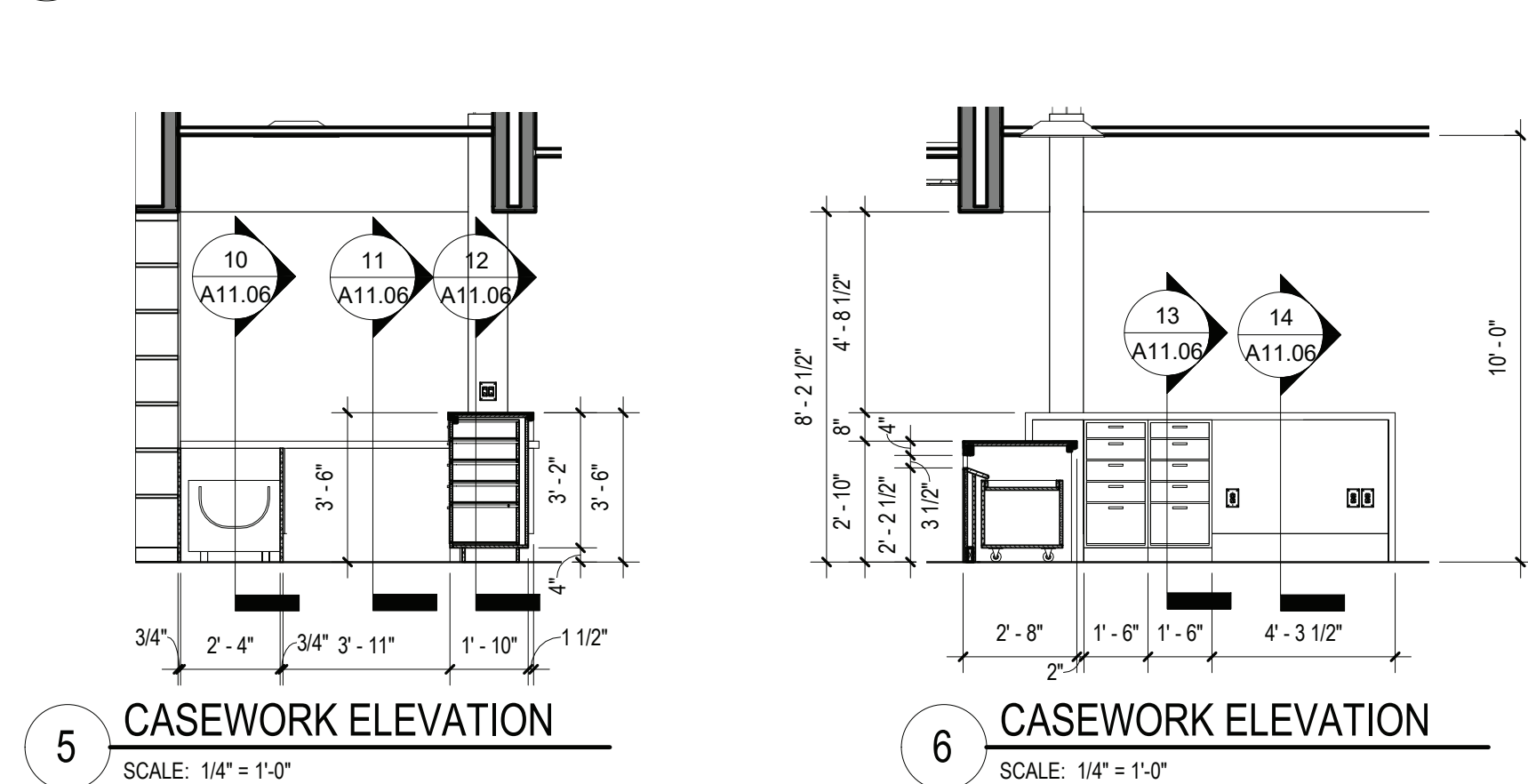
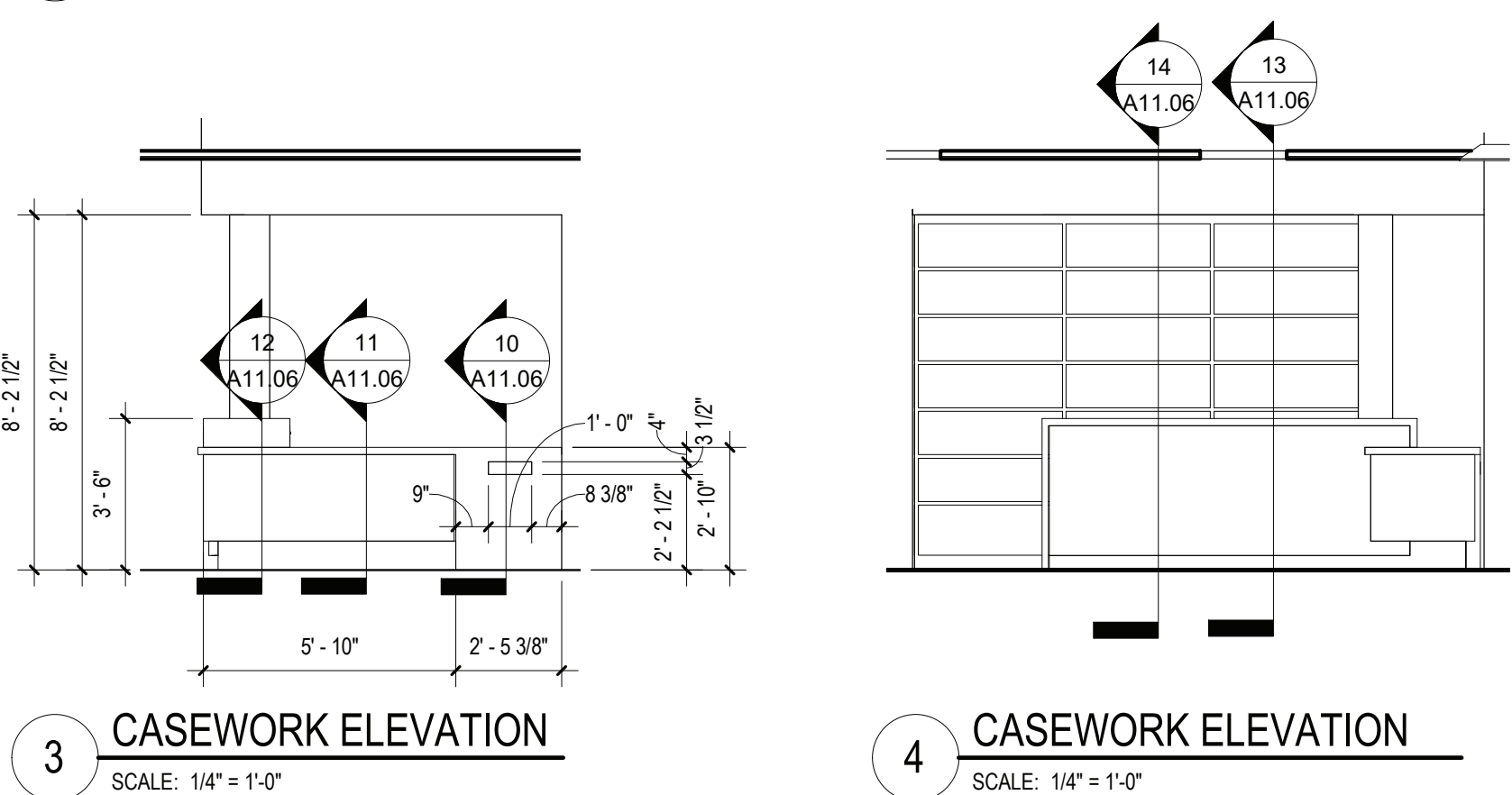
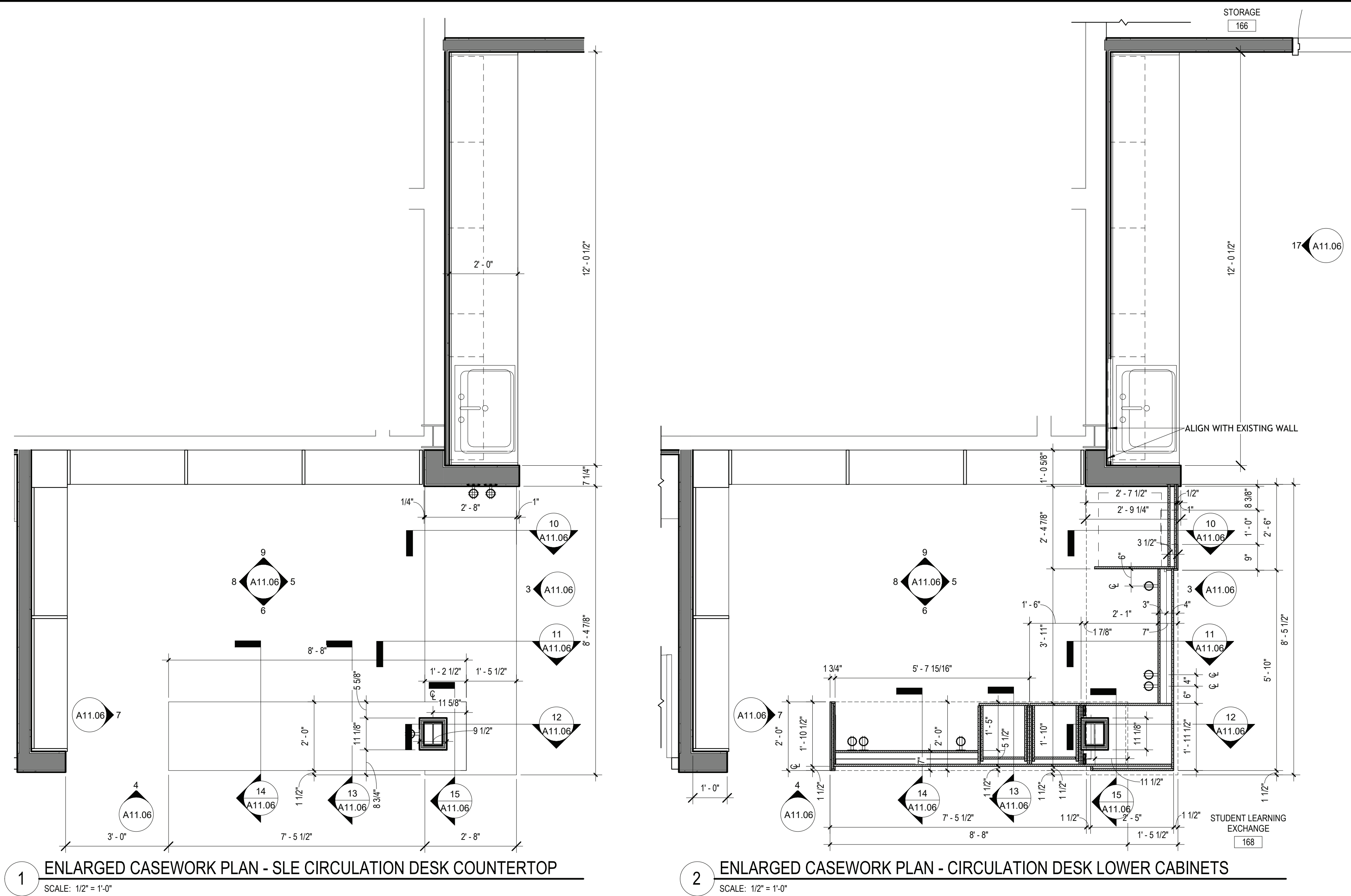
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**DWG TITLE** ENLARGED EQUIPMENT PLANS & DETAILS

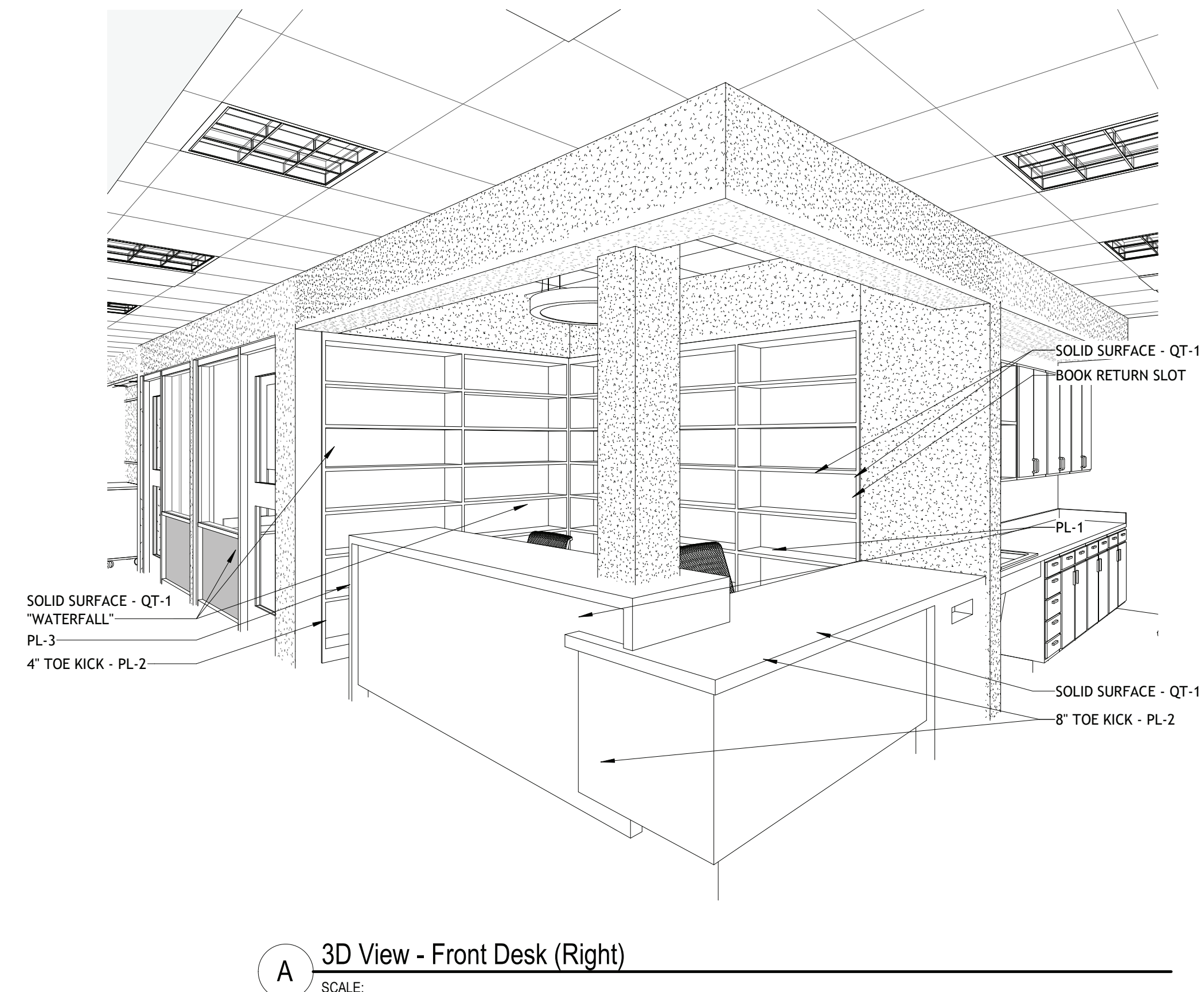
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**DATE:** 11/14/2022  
**BID PAU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A11.05** **HSMS**





G.C. SHALL PROVIDE AND INSTALL  
ALL CASEWORK IN THIS SHEET



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PROJECT  
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BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
ENLARGED EQUIPMENT PLANS & DETAILS

DRWG. BY: Author  
CHK. BY: Checker

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21-274C

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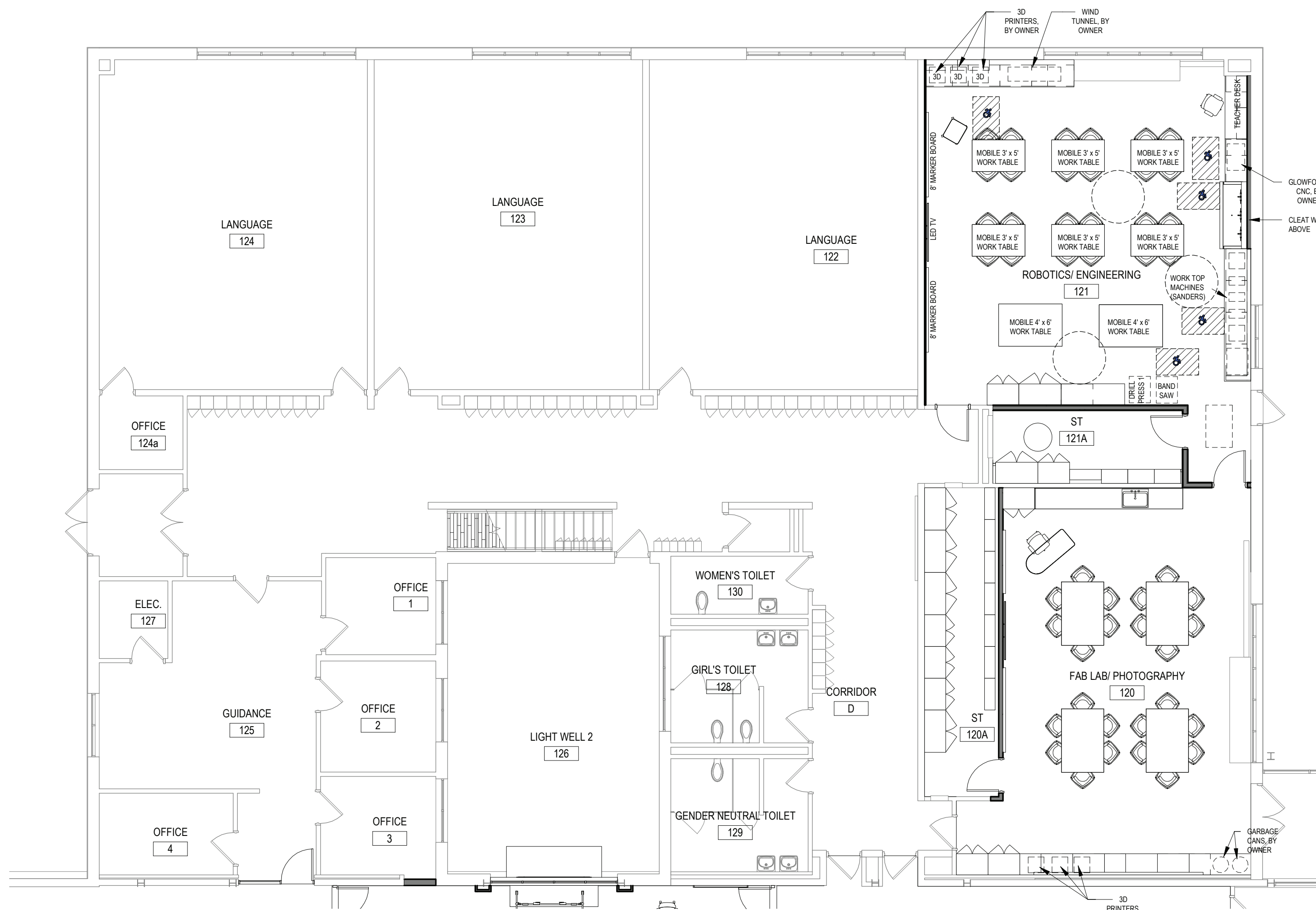


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DWG TITLE ENLARGED EQUIPMENT PLANS & DETAILS		
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FILE NO. 21-274C		
A11.07		HSMS





1 FIRST FLOOR FURNITURE PLAN - AREA A  
SCALE: 1/8" = 1'-0"



2 FIRST FLOOR FURNITURE PLAN - AREA C  
SCALE: 1/8" = 1'-0"

REV.	DATE	ITEM

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**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
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PROJECT

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CHK. BY: G.E.O.

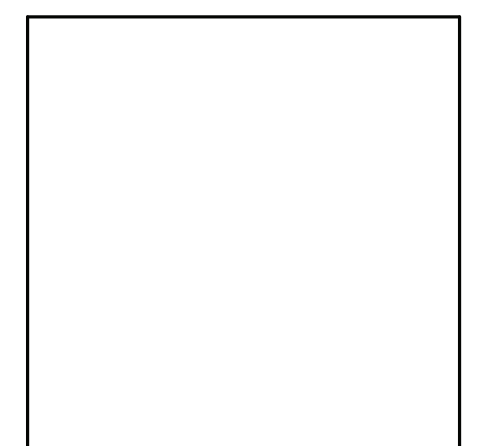
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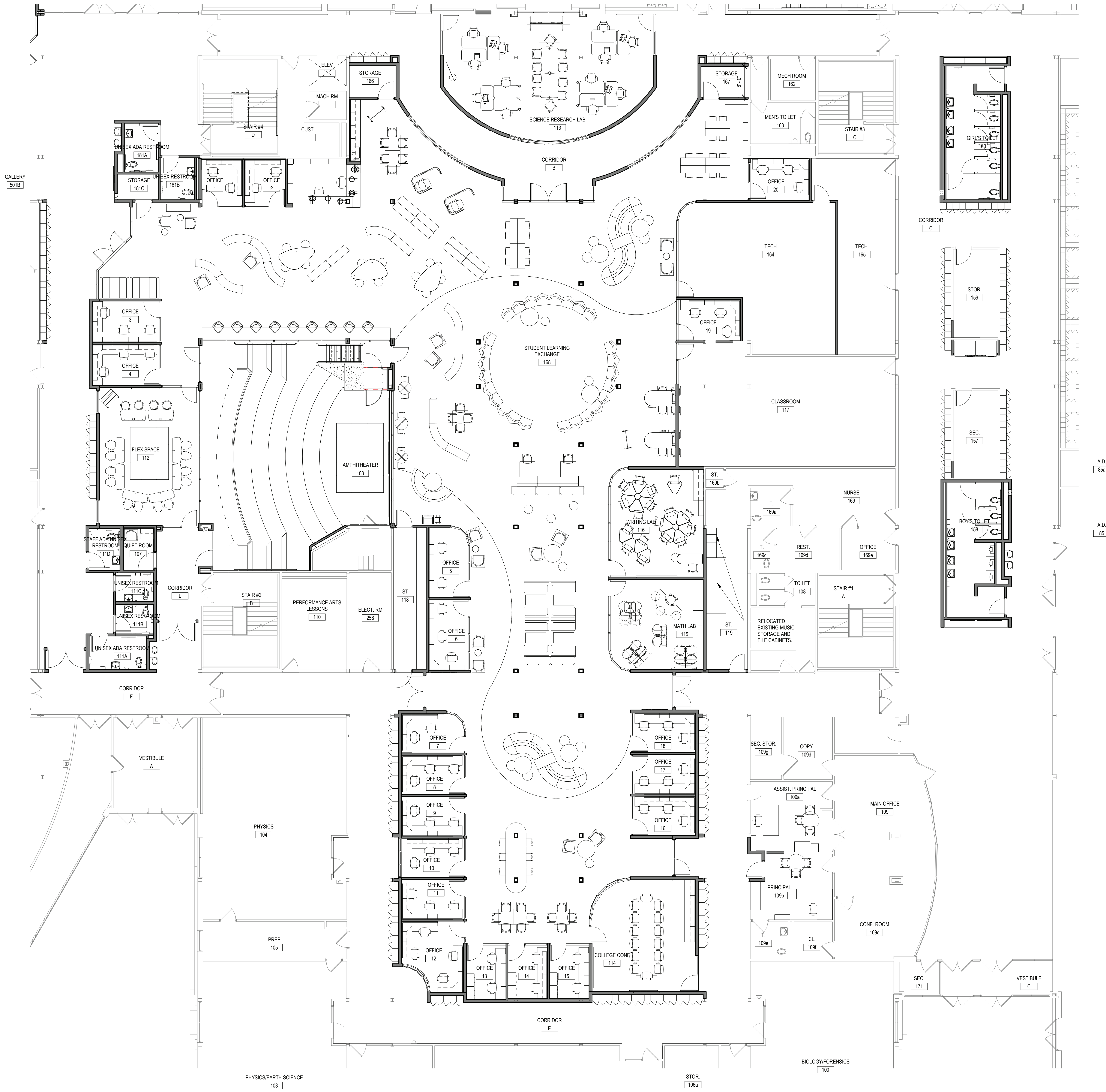
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**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG. TITLE** ENLARGED FURNITURE PLANS - AREA A & C  
**SCALE:** AS NOTED  
**DATE:** -  
**BID / PU DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A11.08** **HSMS**





1 FIRST FLOOR FURNITURE PLAN - AREA D  
SCALE: 1/8" = 1'-0"

REV.	DATE	ITEM

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**DWG TITLE**  
ENLARGED FURNITURE PLANS - AREA D

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**CHK. BY:** G.E.O.

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**DWG TITLE** ENLARGED FURNITURE PLANS - AREA D  
**SCALE:** AS NOTED  
**DATE:** 11/14/2022  
**BID P/L DATE:** 11/14/2022  
**FILE NO.** 21-274C

**A11.09** **HSMS**



## DESIGN LOADS AND CRITERIA

1. DESIGN PROVISIONS: 2020 NYS BUILDING CODE  
BUILDING RISK CATEGORY: III  
TERRAIN EXPOSURE CATEGORY: B  
BASIC SEISMIC MAIN WIND FORCE RESISTING SYSTEM FOR SKYLIGHT ONLY:  
NORTH-SOUTH, STEEL MOMENT FRAMES  
EAST-WEST, STEEL MOMENT FRAMES

## 2. ROOF DEAD LOAD, 20 PSF (TYPICAL)

PORTION OF ABOVE ROOF DEAD LOAD FOR MECHANICAL EQUIPMENT AND PIPING SUSPENDED FROM STRUCTURAL FRAMING, 5 PSF

CONCENTRATED LOADS SHALL BE LIMITED TO THOSE WHICH INDUCE MOMENTS AND SHEARS IN MEMBERS NOT GREATER THAN THOSE INDUCED BY THE NOTED UNIFORMLY DISTRIBUTED LOADS.

## 3. ROOF LIVE LOAD, 20 PSF (TYPICAL)

## 4. SNOW LOAD:

GROUND SNOW LOAD ( $P_g$ ), 30 PSF  
FLAT ROOF SNOW LOAD ( $P_f$ ), 35 PSF  
EXPOSURE FACTOR ( $C_e$ ), 1.0  
THERMAL FACTOR ( $C_t$ ), 1.1  
IMPORTANCE FACTOR ( $I_s$ ), 1.1  
RAIN LOAD (PONDING), NOT APPLICABLE  
RAIN-ON-SNOW SURCHARGE, NOT APPLICABLE

DRIFTED, UNBALANCE AND SLIDING SNOW LOADS AS INDICATED IN AMERICAN SOCIETY OF CIVIL ENGINEERS STANDARD ASCE 7-16.

## 5. WIND LOAD:

BASIC WIND SPEED, 123 MPH  
EXPOSURE CATEGORY: B  
TOPOGRAPHIC FACTOR, 1.0  
HEIGHT OF MAIN ROOF, 25 FEET

## 6. SEISMIC LOADS:

RISK CATEGORY, III  
SITE CLASS, D  
SHORT-PERIOD ACCELERATION ( $S_{DS}$ ), 0.210 g  
ONE-SECOND ACCELERATION ( $S_{D1}$ ), 0.072 g  
SEISMIC DESIGN CATEGORY, B  
SEISMIC IMPORTANCE FACTOR ( $I_e$ ), 1.25  
SEISMIC RESPONSE COEFFICIENT ( $C_s$ ), 0.000  
RESPONSE MODIFICATION COEFFICIENT ( $R$ ), 3

## STRUCTURAL MATERIALS

## STRUCTURAL STEEL AND MISCELLANEOUS STEEL

ROLLED STEEL W SHAPES: ASTM A 992  
ROLLED STEEL C, MC SHAPES: ASTM A 36  
ROLLED STEEL PLATES, BARS, AND ANGLES: ASTM A 36  
HOLLOW STRUCTURAL SECTIONS (HSS): ASTM A 500 GRADE B OR C  
STEEL PIPE: ASTM A 53, TYPE E OR S, GRADE B  
HIGH-STRENGTH BOLTS: ASTM A 325 OR ASTM A 490  
SHEAR CONNECTORS: ASTM A 108, GRADES 1010 THROUGH 1020 HEADED-STUD TYPE  
UNHEADED ANCHOR RODS: ASTM F 1554  
THREADED ANCHORS: ASTM A 36  
WELD ELECTRODES: AWS E70XX  
FOR CONNECTIONS, PROVIDE HIGHER GRADE OR AS REQUIRED FOR CAPACITY.

## FASTENERS

POWDER ACTUATED FASTENERS (PAF): HILTI 0.177 DIA DS/EDS  
ADHESIVE ANCHORS (SOLID CONC OR MASONRY): HILTI HIT HY 200

## CONCRETE

FOOTINGS, FOUNDATION WALLS, PIERS, GRADE BEAMS, MISC:  
28 DAY COMPRESSIVE STRENGTH,  $f'_c$  = 3,000 PSI  
SLUMP: 3 TO 5 INCHES  
AIR ENTRAINMENT, 5 %  $\pm$  1 %

## INTERIOR SLABS ON GRADE AND SLABS ON DECK:

28 DAY COMPRESSIVE STRENGTH,  $f'_c$  = 3,500 PSI  
SLUMP: 3 TO 5 INCHES  
AIR ENTRAINMENT, 3 % (MAX), DO NOT ADD AIR ENTRAINING ADMIXTURE. AIR ENTRAINMENT OCCURS AS A RESULT OF MIXING.

## SEE SPECIFICATIONS AND NOTES FOR ADDITIONAL INFORMATION.

## MASONRY:

CONCRETE BLOCK: ASTM C 90, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR - ASTM C 270, TYPE S  
UNIT MASONRY: ASTM C 90 CMU, 2,800 PSI NET COMPRESSIVE STRENGTH, MORTAR - ASTM C 270, TYPE S,  $f'_m$  = 2,000 PSI  
GROUT: ASTM C 476, 2,500 PSI COMPRESSIVE STRENGTH, 8 TO 10 INCH SLUMP

## REINFORCING, CONCRETE OR MASONRY: ASTM A 615, GRADE 60

## DIMENSION LUMBER:

STUDS, NO. 1NO, 2 OR BETTER, SPRUCE-PINE-FIR (SPF)  
STRUCTURAL FRAMING, NO. 1NO, 2 OR BETTER, SPRUCE-PINE-FIR (SPF)

## ENGINEERED LUMBER:

LAMINATED VENEER LUMBER (LVL), MICRO LAM AS MANUFACTURER BY LEVEL.  
PREMANUFACTURED JOISTS, TJI AS MANUFACTURED BY LEVEL.

## GENERAL NOTES:

1. DIMENSIONS TO, OF, AND IN EXISTING STRUCTURE SHALL BE VERIFIED IN FIELD BY CONTRACTOR.
2. DO NOT SCALE DRAWINGS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES IN DIMENSIONS BETWEEN THE EXISTING CONDITIONS, ARCHITECTURAL DRAWINGS, AND STRUCTURAL DRAWINGS.
3. DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
4. SECTIONS, AND DETAILS SHOWN ARE TYPICAL... SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS, UNLESS OTHERWISE INDICATED.
5. THE NOTES ON THIS DRAWING ARE TYPICAL UNLESS OTHERWISE INDICATED.
6. CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES BEFORE COMMENCING WORK. CONTRACTOR OR OWNER BE FULLY RESPONSIBLE FOR DAMAGES WHICH MIGHT BE OCCASIONED BY FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING OF PROPOSED DEVIATIONS OR SUBSTITUTIONS FROM DIMENSIONS, MATERIALS, OR COMPONENTS SHOWN ON THE DRAWINGS AND MAKE ONLY THOSE DEVIATIONS OR SUBSTITUTIONS ACCEPTED BY THE ENGINEER.
8. DO NOT SUSPEND MECHANICAL, ELECTRICAL, OR PLUMBING ITEMS FROM ROOF DECK. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR HANGERS AND SUPPLEMENTAL FRAMING REQUIRED TO ATTACH THESE ITEMS TO THE MAIN ROOF FRAMING.
9. BRACE BUILDING UNTIL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: FLOOR DECK, ROOF DECK, SHEAR WALLS, MOMENT FRAMES, BRACING MEMBERS, AND CONNECTIONS.
10. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SAFETY.
11. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION AND REMOVALS REQUIRED FOR EXISTING CONDITIONS.
12. COORDINATE THE NUMBER AND LOCATION OF ROOF DRAINS AND OPENINGS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
13. COORDINATE STAIRWAYS, DIMENSIONS, AND STAIR OPENINGS WITH ARCHITECTURAL DRAWINGS AND STAIR FABRICATOR SHOP DRAWINGS.

## CAST-IN-PLACE CONCRETE NOTES:

1. REINFORCE CONCRETE ELEMENTS INCLUDING FOOTINGS, WALLS, GRADE BEAMS, PIERS, AND SLABS. REINFORCEMENT SHOWN PERTAINS TO TYPICAL CONDITIONS.
2. COORDINATE CONCRETE MIX DESIGNS WITH CONCRETE MIX SCHEDULE AND DESIGN DATA NOTES.
3. LAP SPlice CONCRETE REINFORCEMENT AS SHOWN IN BAR LAP SPlice SCHEDULE, UNLESS NOTED OTHERWISE. PROVIDE CLASS B LAP UNLESS NOTED OTHERWISE.
4. PROVIDE CORNER BARS IN CONTINUOUS FOOTINGS, THE SAME SIZE AND NUMBER AS CONTINUOUS REINFORCEMENT. LAP SPlice WITH MAIN REINFORCEMENT AS SHOWN IN BAR LAP SPlice SCHEDULE BUT NOT LESS THAN 2'-0".
5. EXTEND WALL FOOTING REINFORCEMENT INTO COLUMN FOOTINGS WITH A MINIMUM EMBEDMENT EQUAL TO THE MINIMUM BAR DEVELOPMENT LENGTH.
6. CAST STEPPED FOOTINGS MONOLITHICALLY.
7. DOWEL CONCRETE WALLS AND PIERS INTO FOOTINGS WITH DOWELS THE SAME SIZE AND SPACING AS VERTICAL REINFORCEMENT. EXTEND DOWELS TO WITHIN 3 INCHES OF BOTTOM OF FOOTING. TERMINATED WITH ACH STANDARD 90 DEGREE HOOK. LAP SPlice WITH VERTICAL REINFORCEMENT UNLESS NOTED OTHERWISE.
8. CAST CONCRETE PIERS IN CONCRETE WALLS MONOLITHICALLY WITH WALLS.
9. VERIFY SIZE AND LOCATION OF MECHANICAL OPENINGS THROUGH CONCRETE MEMBERS PRIOR TO

PLACING CONCRETE, PROVIDE SLEEVE OR CHASE FOR PIPING, CONDUIT, OR DUCT PENETRATIONS. CORE DRILLING IS NOT PERMITTED.

10. DO NOT LOCATE PENETRATIONS FOR THROUGH FOOTINGS, STEP FOOTINGS DOWN AS REQUIRED TO LOCATE PENETRATION IN WALL.
11. DO NOT LOCATE PENETRATIONS THROUGH PIERS, COLUMNS, BEAMS OR GRADE BEAMS UNLESS SHOWN IN DRAWINGS OR ACCEPTED BY ENGINEER.
12. INSTALL EMBEDDED PIPES OR CONDUIT IN STRUCTURAL CONCRETE AS FOLLOWS:  
a. ALUMINUM CONDUITS AND PIPES ARE NOT PERMITTED.  
b. CONDUIT AND PIPE OUTSIDE DIAMETER SHALL NOT EXCEED 1/3 THE THICKNESS OF SLAB, BEAM OR WALL IN WHICH THEY ARE EMBEDDED.  
c. SPACE CONDUIT AND PIPE A MINIMUM OF 3 DIAMETERS (WIDTHS) ON CENTER OR 4 INCHES WHICHEVER IS GREATER.  
d. PROVIDE A MINIMUM OF 1 1/2 INCH COVER FOR CONCRETE EXPOSED TO EARTH OR WEATHER OR 3/4 INCH COVER OTHERWISE, UNLESS NOTED OTHERWISE.  
e. REFER TO ACI 318, SECTION 6.3 FOR ADDITIONAL REQUIREMENTS.
13. CHAMFER EXPOSED CONCRETE CORNERS AND EDGES 3/4 INCH UNLESS NOTED OTHERWISE.
14. CONCRETE COVER FOR REINFORCEMENT SHALL BE AS INDICATED IN CONCRETE COVER SCHEDULE.

## SLAB ON GRADE NOTES:

1. SUBGRADE BELOW SLAB ON GRADE SHALL BE REVIEWED AND ACCEPTED BY GEOTECHNICAL ENGINEER BEFORE CONCRETE SLAB PLACEMENT. DO NOT PLACE CONCRETE SLAB UNTIL SUBBASE AND/OR SUBGRADE HAS BEEN TESTED FOR COMPACTION AND RESULTS ARE SATISFACTORY.
2. PROVIDE PROTECTION FROM PRECIPITATION AND EXCESSIVE COLD TEMPERATURES FOR THE VAPOR RETARDER AND SLAB SUBBASE PRIOR TO SLAB-ON-GRADE PLACEMENT. SUBBASE MUST BE DRY AND NOT FROZEN AT THE TIME OF SLAB PLACEMENT.
3. DO NOT PLACE SLABS ON FROZEN GROUND. IF SUBGRADE OR SUBBASE ARE FROZEN AFTER PREPARATION, THEY SHALL BE THAWED THEN RECOMPACTED AND RETESTED FOR COMPACTION PRIOR TO SLAB PLACEMENT, AT THE EXPENSE OF THE CONTRACTOR.
4. PROVIDE PROTECTION FOR THE SLAB ON GRADE FROM DIRECT EXPOSURE TO THE SUN, WIND, PRECIPITATION AND EXCESSIVE COLD OR HOT TEMPERATURES DURING PLACEMENT AND LASTING UNTIL THE END OF THE CURING PERIOD. DO NOT ALLOW GROUND BENEATH SLABS TO FREEZE ONCE POURED OR TO ACCUMULATE MOISTURE BETWEEN THE SLAB AND VAPOR RETARDER.
5. PRIOR TO SLAB PLACEMENT, SUBMIT FOR INFORMATION ONLY A WRITTEN PROTECTION PROGRAM FOR THE VAPOR RETARDER, SLAB SUBBASE, AND SLAB ON GRADE.
6. SLAB JOINTS ARE REQUIRED WHERE SHOWN ON PLAN. WHERE JOINTS ARE NOT SHOWN, SEE "OPTION FOR SLAB PLACEMENT" IN DIVISION 3 SPECIFICATIONS.
7. PROVIDE A SQUARE EDGE FORM JOINT FOR CONSTRUCTION JOINTS AND SAW-CUT JOINT FOR CONTRACTION JOINTS IN SLABS ON GRADE. SUBMIT JOINT LAYOUT TO THE ENGINEER FOR REVIEW.
8. REINFORCE SLABS AS NOTED ON DRAWINGS. AT PERIMETER OF SLABS, LOCATE REINFORCING 3 INCHES FROM SLAB EDGES. CONTINUE 50 PERCENT OF SLAB REINFORCEMENT THROUGH CONSTRUCTION AND CONTRACTION JOINTS.
9. PROVIDE ONE #4 BAR, 3 FEET LONG, DIAGONAL AT CORNERS AND OPENINGS IN SLABS ON GRADE.
10. THICKEN SLABS ON GRADE TO 8 INCHES, AND REINFORCE AS SHOWN ON DETAIL XXVX UNDER NONBEARING MASONRY WALLS (6 INCHES THICK OR OVER) WHERE THE WALL HEIGHT EXCEEDS 12 FEET AND UNDER STAIR STRINGER BEARINGS. COORDINATE REQUIRED LOCATIONS WITH ARCHITECTURAL DRAWINGS.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND DETAILS OF DEPRESSED SLABS.
12. VERIFY SIZE AND LOCATION OF PLATFORMS, CURBS, OR PADS WITH MECHANICAL CONTRACTOR.
13. COORDINATE SLOPED SLABS, DRAINS, AND PENETRATIONS THROUGH SLAB WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
14. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

## STRUCTURAL STEEL NOTES:

1. DO NOT BEGIN STEEL ERECTION UNTIL SUPPORTING CONCRETE OBTAINS 75 PERCENT OF THE MATERIAL STRENGTHS NOTED IN DESIGN DATA NOTES.
2. LOCATE ROOFTOP MECHANICAL UNITS AS SHOWN. COORDINATE WITH MECHANICAL DRAWINGS. NOTIFY ENGINEER IF ACTUAL UNIT WEIGHTS EXCEED THE WEIGHTS SHOWN ON DRAWINGS.
3. WHERE BEAM SPACING IS NOT NOTED, SPACE BEAMS EQUALLY BETWEEN COLUMNS OR BETWEEN COLUMNS AND WALLS.
4. MINIMUM CAPACITY OF BEAM CONNECTIONS: FOR CONNECTIONS NOT DETAILED, PROVIDE CONNECTION CAPACITY FOR REACTIONS SHOWN ON DRAWINGS OR, IF NOT SHOWN, BASED ON EITHER ALLOWABLE STRESS DESIGN OR LOAD AND RESISTANCE FACTOR DESIGN AS FOLLOWS:  
A. AT LEAST 50 PERCENT OF THE ALLOWABLE UNIFORM LOAD FROM ALLOWABLE UNIFORM LOAD TABLES IN AISC ASD MANUAL, PART 2, FOR THE GIVEN STEEL MEMBER.  
B. AT LEAST 50 PERCENT OF THE MAXIMUM TOTAL FACTORED UNIFORM LOAD FROM MAXIMUM TOTAL FACTORED UNIFORM LOAD TABLES IN AISC LRFD MANUAL, PART 5, FOR THE GIVEN STEEL MEMBER.  
C. FOR BEAMS AND GIRDERS WITH SHEAR CONNECTORS, PROVIDE CONNECTION CAPACITY OF AT LEAST 70 PERCENT OF THE UNIFORM LOAD VALUES (ASD OR LRFD, AS APPROPRIATE), UNLESS INDICATED OTHERWISE ON DRAWINGS.  
D. CONCENTRATED LOADS NEAR SUPPORTS MUST BE ADDED.
5. PROVIDE HOT DIP GALVANIZED FASTENERS FOR GALVANIZED FRAMING CONNECTIONS AND STAINLESS STEEL FASTENERS FOR STAINLESS STEEL FRAMING CONNECTIONS.
6. FABRICATE AND ERECT STEEL IN ACCORDANCE WITH THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
7. SLOPE ROOF STEEL UNIFORMLY BETWEEN ELEVATIONS SPECIFIED ON PLANS.
8. REMOVE ALL PAINT AND OTHER DEBRIS FROM STEEL PRIOR TO FIELD WELDING TO STRUCTURE. FIELD WELDS AND ADJACENT AREAS SHALL BE FIELD PRIMED AFTER INSPECTED.
9. ALL SAFETY REGULATION AND PRECAUTIONS WITH REGARDS TO FIELD WELDING SHALL BE COMPLIED WITH TO PROTECT EXISTING CONSTRUCTION TO REMAIN, FINISHES, AND ON SITE WORKERS (SCREENS & BARRIERS).
10. WHERE FILLET WELD SIZES ARE NOT SPECIFICALLY NOTED, THE FABRICATOR SHALL DETAIL A MINIMUM SIZE FILLET WELD IN ACCORDANCE WITH AWS STANDARDS. THE ACTUAL SIZES SHALL BE SHOWN ON THE SHOP DRAWINGS.
11. BACKER BARS AT COMPLETE JOINT PENETRATION WELDS MUST BE REMOVED IF "R" IS GREATER THAN 3 OR IF STEEL IS "AESS".
12. CONNECTION DESIGN BY FABRICATOR WILL BE SUBJECT TO REVIEW BY ENGINEER. USE DOUBLE ANGLE SHEAR CONNECTIONS WITH 3/4" DIAMETER ASTM A325 BOLTS WITH AT LEAST THE FOLLOWING NUMBER OF BOLT ROWS:  
BEAM SIZE NUMBER OF BOLT ROWS  
W8, W10 2  
W12, W14, W16 3  
W18, W21, W24 4
13. DO NOT PLACE HOLES THROUGH STRUCTURAL STEEL MEMBERS EXCEPT UNLESS INDICATED IN STRUCTURAL DRAWINGS.
14. BOLTED CONNECTIONS SHALL UTILIZE TYPE 3 ASTM A 325 BOLTS, UNO. ALL CONNECTIONS SHALL BE INSTALLED SNUG TIGHT.
15. REMOVE BURRS, DIRT, AND OTHER FOREIGN MATERIALS FROM FAYING SURFACES AND SURFACES ADJACENT TO BOLT HEADS AND NUTS. BURRS LESS THAN OR EQUAL TO 1/16" IN HEIGHT ARE PERMITTED TO REMAIN ON FAYING SURFACES.
16. FABRICATE BOLTED CONNECTIONS WITH STANDARD SIZED HOLES, UNLESS NOTED OTHERWISE.
17. COMPLY WITH AISC SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTED CONNECTIONS.

## SHEET LIST

SHEET NUMBER	SHEET NAME
S0.01	DESIGN DATA AND GENERAL NOTES
S0.02	SPECIAL INSPECTION NOTES AND SCHEDULE
S1.00	FOUNDATION PLAN
S1.01	ROOF FRAMING PLAN
S3.0	CONCRETE SECTIONS AND DETAILS
S5.0	STEEL SECTIONS AND DETAILS

## CONCRETE COVER SCHEDULE

LOCATION	COVER
CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND	3"
CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	2"
#6 BARS AND LARGER #5 BARS AND SMALLER	1 1/2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND SLABS, WALLS, JOIST BEAMS, GIRDERS, COLUMNS, AND PIERS	3/4" 1 1/2"

## CLASS B TENSION LAP SPlice SCHEDULE

f'c = 3,000 PSI					f'c = 4,000 PSI				
BAR SIZE	TOP BAR		OTHER BAR		BAR SIZE	TOP BAR		OTHER BAR	
	CASE 1	CASE 2	CASE 1	CASE 2		CASE 1	CASE 2	CASE 1	CASE 2
#3	28	42	21	32	#3	24	36	18	28
#4	37	56	28	43	#4	32	48	25	37
#5	46	69	36	53	#5	40	60	31	46
#6	56	83	43	64	#6	48	72	37	55
#7	81	131	62	93	#7	70	105	54	81
#8	93	139	71	107	#8	80	120	62	92
#9	104	157	80	120	#9	90	136	70	104

1. TABULATED VALUES ARE IN INCHES.
2. TOP BARS ARE HORIZONTAL BARS PLACED WITH MORE THAN 12 INCHES OF FRESH CONCRETE PLACED BELOW THE DEVELOPMENT LENGTH OR SPlice.
3. CASE 1 APPLIES TO CLEAR SPACING GREATER THAN OR EQUAL TO 2 BAR DIAMETERS AND COVER GREATER THAN OR EQUAL TO 1 DIAMETER.
4. CASE 2 APPLIES TO CLEAR SPACING LESS THAN 2 BAR DIAMETERS AND COVER LESS THAN 1 DIAMETER.
5. FOR VALUES OF COVER AND SPACING BETWEEN TABULATED VALUES USE THE LONGER LAP LENGTH. DO NOT INTERPOLATE.
6. CALCULATE CENTER TO CENTER SPACING OF BARS AT LAP SPlice LOCATIONS.
7. FOR EPOXY COATED BARS INCREASE THE TABULATED VALUES AS FOLLOWS: TOP BARS MULTIPLY TABULATED VALUE BY 1.3. FOR OTHER BARS MULTIPLY TABULATED VALUE BY 1.5.
8. FOR LIGHTWEIGHT CONCRETE MULTIPLY TABULATED VALUE BY 1.3

## CONCRETE MIX

APPLICATION	EXPOSURE	F'c	MAXIMUM W/C RATIO	AIR CONTENT	NOMINAL MAX. AGGREGATE SIZE (NOTE 4)
FOOTINGS	F0	3,000 PSI	SEE NOTE 2	4.5% $\pm$ 1.5%	1 INCH
EXT SLAB ON GRADE	F1	4,500 PSI	0.45	4.5% $\pm$ 1.5%	1 INCH
SLAB ON GRADE	F0	3,000 PSI	SEE NOTE 2	SEE NOTE 3	1 INCH
FOUNDATION WALLS	F0	3,000 PSI	SEE NOTE 2	4.5% $\pm$ 1.5%	3/4 INCH
SITE WALLS	F1	4,000 PSI	0.45	4.5% $\pm$ 1.5%	3/4 INCH
SLAB ON DECK	F0	3,500 PSI	SEE NOTE 2	SEE NOTE 3	3/4 INCH
PIERS	F0	3,000 PSI	SEE NOTE 2	4.5% $\pm$ 1.5%	3/4 INCH

## NOTES:

1. EXPOSURE CATEGORIES AND CLASSES FOR SULFATES, PERMEABILITY AND CORROSION PROTECTION OF REINFORCEMENT IS CLASS ZERO UNLESS NOTED OTHERWISE.
2. WHERE NO MAXIMUM WATER TO CEMENT RATIO IS NOTED, PROPORTION WATER TO CEMENT RATIO FOR SPECIFIED CONCRETE MIX DESIGN STRENGTH.
3. DO NOT AIR ENTRAIN INTERIOR SLABS ON GRADE OR SLABS ON METAL DECK. AIR ENTRAINMENT IS NOT PERMITTED FOR CONCRETE TO RECEIVE HARD TROWEL FINISH AND ENTRAPPED AIR SHALL NOT EXCEED 2%. SLABS SHALL BE FINISHED TO AVOID SURFACE IMPERFECTIONS, INCLUDING BULSTERING AND DELAMINATION.
4. COARSE AGGREGATE SHALL BE ASTM C33 MEETING GRADATION REQUIREMENTS TYPE 57 FOR 1-INCH MAXIMUM AGGREGATE SIZE AND TYPE 67 FOR 3/4-INCH MAXIMUM AGGREGATE SIZE.
5. MAXIMUM CONCRETE UNIT WEIGHT NOT TO EXCEED 150 POUNDS PER CUBIC FEET.

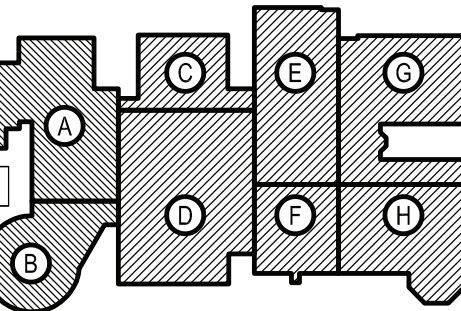
## ABBREVIATIONS

ADDL	ADDITIONAL	ENGR	EDGE OF DECK	OPP	OPPOSITE
ADJ	ADJACENT	FD	FLOOR DRAIN	OF	OUTSIDE FACE
APPROX	APPROXIMATE	FT	FOOT		
ARCH	ARCHITECTURAL	FDN	FOUNDATION	PL	PLATE
AESS	ARCHITECTURAL EXPOSED STRUCTUAL STEEL	FTG	FOOTING	PAF	POWDER ACTUATED FASTENER
B/ BO	BOTTOM OF	GALV	GALVANIZED	PE	PROFESSIONAL ENGINEER
BLDG	BUILDING	GA	GAUGE	PERP	PERPENDICULAR
BLKG	BLOCKING	HSS	HOLLOW STEEL SECTION	PLF	POUNDS PER LINEAL FOOT
BP	BASE PLATE	HORIZ	HORIZONTAL	PSF	POUNDS PER SQUARE FOOT
BNG	BEARING	HIGH	HIGH POINT	PSI	POUNDS PER SQUARE INCH
BTWN	BETWEEN	HP	HIGH POINT	PCF	POUNDS PER CUBIC FOOT
CANT	CANTILEVER	HVAC	HEATING, VENTILATION, AIR CONDITIONING	PC	PRECAST
CIP	CAST IN PLACE	IF	INSIDE FACE	PSL	PARALLEL STRAND LUMBER
CJ	CONTROL JOINT	INFO	INFORMATION	PT	PRESSURE TREATED
CL	CENTER LINE	INT	INTERIOR	R	RADIUS
CLR	CLEAR	INV	INVERT	RD	ROOF DRAIN
CMU	CONCRETE MASONRY UNIT(S)	K	KIPS	RDP	REGISTERED DESIGN PROFESSIONAL
COL	COLUMN	KF	KIPS PER SQUARE FOOT	REQD	REQUIRED
CONC	CONCRETE	L	ANGLE	REIN	REINFORCING
CONT	CONTINUOUS	LBS	POUNDS	REV	REVISION
CFMF	COLD-FORMED METAL FRAMING	LG	LONG	RO	ROUGH OPENING
COORD	COORDINATE	LLH	LONG LEG HORIZONTAL	SIM	SIMILAR
DET	DETAIL	LLV	LONG LEG VERTICAL	SPA	SPACE
DIA	DIAMETER	LO	LOW	STD	STANDARD
DIM	DIMENSION	LOC	LOCATION	SF	SQUARE FEET
DN	DOWN	LW	LIGHT WEIGHT	SS	STAINLESS STEEL
DO	DITTO	LVL	LAMINATED VENEER LUMBER	STL	STEEL
DWLS	DOWELS			SQ	SQUARE
DWG	DRAWINGS	MFR	MANUFACTURER	THK	THICK
EA	EACH	MAX	MAXIMUM	T/ TO	TOP OF
EF	EACH FACE	MIN	MIN	TYP	TYPICAL
ES	EACH SIDE	MECH	MECHANICAL	T&B	TOP AND BOTTOM
EL	ELEVATION	MISC	MISCELLANEOUS	UNO	THICK
ELEV	ELEVATOR	MO	MASONRY OPENING		
EOS	EDGE OF SLAB	NA	NOT APPLICABLE	VERT	VERTICAL
EOD	EDGE OF DECK	NIC	NOT IN CONTRACT	VIF	VERIFY IN FIELD
EQ	EQUAL	NOM	NOMINAL	W	WIDTH, WIDE
EQUIP	EQUIPMENT	NW	NORMAL WEIGHT	W/	WITH
EW	EACH WAY	NS	NEAR SIDE	WO	WOOD
EXIST	EXIST	NTS	NOT TO SCALE	WP	WORK POINT
EXT	EXTERIOR	OC	ON CENTER	WWF	WELDED WIRE FABRIC
EIFS	EXTERIOR INSULATION FINISH SYSTEM	OD	OUTSIDE DIAMETER	WCJ	WALL CONTROL JOINT
EXP	EXPANSION	OPNG	OPENING		

REV.	DATE	ITEM

## NOTICE

THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT PROVIDED BY THE ARCHITECT. LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTED INFORMATION AS THEY HAVE NOT BEEN RULED AND DETAILLED PER THE ORIGINAL DOCUMENTS OR PER THE OWNER'S INFORMATION.



## KEY PLAN

NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DESIGN DATA AND GENERAL NOTES

DRAWING BY: AED  
CHECK BY: ---

## NOTICE

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SED No: 66-14-02-02-004-023

DISTRICT: BRIARCLIFF MANOR UFSO

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG TITLE: DESIGN DATA AND GENERAL NOTES

SCALE: AS NOTED

DATE: 7/15/22

BID PICK-UP:

FILE No: 21-274C

S0.01



STATEMENT OF SPECIAL INSPECTIONS:

SPECIAL INSPECTION NOTES:

1. THE SCHEDULE OF SPECIAL INSPECTIONS, ASSOCIATED NOTES AND SPECIFICATION SECTION 01420 INDICATE THE REQUIRED STRUCTURAL TESTS AND INSPECTIONS FOR THE PROJECT AND SHALL BE CONSIDERED THE STATEMENT OF SPECIAL INSPECTIONS. THE FOLLOWING TYPES OF CONSTRUCTION REQUIRE INSPECTION:

- A. SOILS AND FOUNDATIONS  
B. CAST-IN-PLACE CONCRETE  
C. COLD FORMED FRAMING  
D. STRUCTURAL STEEL

2. THE OWNER WILL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT, WHO WILL PROVIDE AND/OR COORDINATE INSPECTION AND TESTING REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF CHAPTER 17 OF THE "2015 INTERNATIONAL BUILDING CODE".

3. THE QUALIFICATIONS OF ALL PERSONNEL PERFORMING SPECIAL INSPECTIONS AND TESTING SHALL MEET THE MINIMUM QUALIFICATIONS FOR SPECIAL INSPECTIONS IDENTIFIED IN THE "2015 INTERNATIONAL BUILDING CODE". ALL PERSONNEL PERFORMING SPECIAL INSPECTIONS AND TESTING ARE SUBJECT TO THE APPROVAL OF THE CODE ENFORCEMENT OFFICIAL. SUBMIT CREDENTIALS OF SPECIAL INSPECTORS AND TESTING TECHNICIANS SHALL FOR REVIEW WHEN REQUESTED.

4. THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 7 DAYS PRIOR TO THE START OF CONSTRUCTION TO REVIEW THE REQUIRED SPECIAL INSPECTION AND TESTING REQUIREMENTS, NOTIFICATIONS, AND REPORTING PROCEDURES FOR THE PROJECT. ATTENDEES SHALL INCLUDE THE REGISTERED DESIGN PROFESSIONAL FOR STRUCTURAL ENGINEERING AND FOR ARCHITECTURE, OWNER OR OWNER'S REPRESENTATIVE, SPECIAL INSPECTOR, TESTING AGENCY, AND AFFECTED SUB-CONTRACTORS. THE CONTRACTOR SHALL DISTRIBUTE CONSTRUCTION SCHEDULES TO EACH ATTENDEE.

5. SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED ON A CONTINUOUS OR PERIODIC BASIS DURING THE PERFORMANCE OF THE WORK, AS INDICATED IN THE SCHEDULE. CONTINUOUS AND PERIODIC INSPECTIONS SHALL BE DEFINED AS FOLLOWS:

-CONTINUOUS SPECIAL INSPECTION IS THE FULL TIME OBSERVATION OF WORK WHILE THE WORK IS BEING PERFORMED.

-PERIODIC SPECIAL INSPECTION IS THE PART-TIME OBSERVATION OF WORK WHILE THE WORK IS BEING PERFORMED OR AFTER IT HAS BEEN COMPLETED.

6. THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR OR TESTING AGENCY AT LEAST 48 HOURS IN ADVANCE OF A REQUIRED INSPECTION OR TEST.

7. THE SPECIAL INSPECTOR OR TESTING AGENCY SHALL SUBMIT INTERIM REPORTS TO THE REGISTERED DESIGN PROFESSIONAL, CODE ENFORCEMENT OFFICIAL, AND SPECIAL INSPECTOR (IF PREPARED BY A TESTING AGENCY) WITHIN 7 DAYS OF INSPECTION. REPORTS SHALL BE SIGNED BY THE PERSON PERFORMING THE INSPECTION OR TEST AND THE PERSON SUPERVISING.

8. AT THE COMPLETION OF SPECIAL INSPECTIONS, A FINAL REPORT OF SPECIAL INSPECTIONS SHALL BE PREPARED BY THE SPECIAL INSPECTOR AND EACH TESTING AGENCY PERFORMING INSPECTIONS. THE FINAL REPORT SHALL INDICATE THE INSPECTIONS PERFORMED, NON-CONFORMANCES HAVE BEEN REPORTED AND RESOLVED OR IDENTIFY ANY UNRESOLVED NON-CONFORMANCE ITEMS. THE FINAL REPORT SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL(S), CODE ENFORCEMENT OFFICIAL, AND SPECIAL INSPECTOR (IF PREPARED BY A TESTING AGENCY).

9. THE CONTRACTOR SHALL COOPERATE WITH SPECIAL INSPECTOR AND TESTING AGENCIES INCLUDING ADVANCE NOTIFICATION OF REQUIRED INSPECTION OR TEST, INCIDENTAL LABOR, AND SAFE ACCESS TO THE WORK AREAS INCLUDING SCAFFOLDING, AND ACCESS TO CONTRACT DOCUMENTS SO THAT INSPECTIONS AND TESTING MAY BE PERFORMED WITHOUT HINDRANCE.

10. THE SPECIAL INSPECTOR SHALL NOTIFY THE CONTRACTOR IMMEDIATELY OF DISCREPANCIES FOR CORRECTIVE ACTION. REPORTS SHALL NOTE WHEN AND HOW DEFICIENCIES WERE CORRECTED. ITEMS IMMEDIATELY CORRECTED AND SUBSEQUENTLY INSPECTED OR TESTED NEED NOT BE IDENTIFIED AS A NON-CONFORMANCE ITEM.

11. IF NON-CONFORMING WORK IS NOT CORRECTED WHILE SPECIAL INSPECTOR OR TESTING AGENT IS ON SITE, SPECIAL INSPECTOR OR TESTING AGENT SHALL NOTIFY REGISTERED DESIGN PROFESSIONAL AND CODE ENFORCEMENT OFFICIAL WITHIN 24 HOURS AND ISSUE A REPORT NOTING THE NON-CONFORMANCE.

12. SPECIAL INSPECTOR AND EACH TESTING AGENT SHALL USE A LOG TO RECORD AND TRACK NON-CONFORMING WORK DURING CONSTRUCTION. AN UPDATED LOG SHALL BE ATTACHED TO EACH REPORT. NON-CONFORMANCE LOG SHALL INCLUDE THE FOLLOWING INFORMATION:

- DESCRIPTION OF NON-CONFORMANCE  
-DATE OF NON-CONFORMANCE  
-DESCRIPTION OF RDP RESPONSE, IF RECEIVED  
-STATUS OF NON-CONFORMANCE: OPEN OR CLOSED.

13. IF NON-CONFORMING WORK IS NOT CORRECTED AT TIME OF SUBSTANTIAL COMPLETION OF STRUCTURE OR OTHER APPROPRIATE TIME, SPECIAL INSPECTOR SHALL NOTIFY CODE ENFORCEMENT OFFICIAL AND REGISTERED DESIGN PROFESSIONAL.

14. THE SPECIAL INSPECTION PROGRAM SHALL IN NO WAY RELIEVE THE CONTRACTOR OF THE OBLIGATION TO PERFORM THE WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.

15. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION SITE SAFETY.

16. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SCHEDULE OF SPECIAL INSPECTIONS:

SOILS AND FOUNDATIONS:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. VERIFY SITE PREPARATION IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL EVALUATION: A. IDENTIFY SOILS REQUIRING UNDERCUTTING AND REPLACING WHILE OBSERVING PROOF ROLLING AND WHEN SUBGRADE IS EXPOSED B. VERIFY FOOTING BEARING STRATA C. REVIEW AND ACCEPT FILL MATERIALS D. OBSERVE AND ACCEPT BACKFILLING AND COMPACTION PROCEDURES E. OBSERVE AND ACCEPT PREPARATION OF SLAB SUBGRADE AND SUBBASE F. VERIFY USE OF FILL MATERIAL AND LIFT THICKNESS IN FIELD		CONT  PERIODIC PERIODIC CONT  PERIODIC	ALL LOCATIONS
2. COMPACTION AND MOISTURE CONTENT TESTS: A. TEST OF SUBGRADE AT FOOTINGS B. TEST OF SUBGRADE AND SUBBASE BELOW SLABS C. FILL MATERIALS	ASTM D 1557 ASTM D 6938	PERIODIC	EACH SPREAD FOOTING AND EACH 20-FOOT LENGTH OF STRIP FOOTING EACH 2000 SF OF SLAB-ON-GRADE, BUT NOT LESS THAN 4 TESTS  EACH 2000 SF OF BUILDING AREA, BUT NOT LESS THAN 4 TESTS FOR EACH LIFT

CAST-IN-PLACE CONCRETE:

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. INSPECT REINFORCING STEEL AND PLACEMENT A. FOOTINGS, FOUNDATION WALLS, AND PIERS B. SLABS ON GRADE C. SLABS ON DECK D. SHEAR WALLS		PERIODIC PERIODIC PERIODIC PERIODIC	ALL LOCATIONS
2. INSPECT EMBEDDED BOLTS AND ANCHOR RODS PRIOR TO PLACEMENT OF CONCRETE: A. AT COLUMN BASE PLATES, BEAM POCKETS, AND ELSEWHERE WHERE RODS ARE SUBJECT TO SHEAR OR TENSION B. AT COLUMNS IN BRACED FRAMES		PERIODIC  PERIODIC	ALL LOCATIONS
3. VERIFY USE OF REQUIRED DESIGN MIX		CONT	EACH PLACEMENT
4. SAMPLE AND TEST FRESH CONCRETE: A. TAKE SIX STANDARD CYLINDERS  B. RECORD TIME CONCRETE IS BATCHED, TIME CONCRETE IS SAMPLED, AND TIME THE TRUCK IS EMPTY C. PERFORM SLUMP TEST  D. MEASURE AIR CONTENT E. RECORD CONCRETE AND AMBIENT AIR TEMPERATURE F. RECORD UNIT WEIGHT OF CONCRETE G. PERFORM COMPREHENSIVE STRENGTH TESTS	ASTM C 172 ASTM C 31 ASTM C 94     ASTM C 231  ASTM C 138 ASTM C 567 ASTM C 39	CONT	EACH 50 CU. YD. OF CONCRETE OR EACH 5000 SF OF SLAB AREA FOR EACH CLASS OF CONCRETE EACH TRUCK  ONE TEST EACH TRUCK; TWO TESTS IF CONCRETE IS PUMPED - ONE AT TRUCK AND ONE AT HOSE END EACH TRUCK  TEST 2 CYLINDERS AT 7 DAYS AND AT 28 DAYS - RETAIN REMAINING CYLINDERS & TEST AS DIRECTED
5. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	ACI 318 5.9, 5.10	CONT	EACH PLACEMENT
6. INSPECT FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	ACI 318 5.11, 5.13	PERIODIC	EACH PLACEMENT
7. INSPECT AND TEST CONCRETE SLABS ON GRADE AND METAL DECK A. FLOOR FLATNESS AND LEVELNESS B. MOISTURE VAPOR EMISSION AND ALKALINITY	ASTM E 1155 ASTM F 1869 ASTM F 710	PERIODIC CONT	ENTIRE SLAB AREA 4 TESTS FOR EACH 2000 SF OF FLOOR AREA AND MINIMUM OF 4 TESTS IN EACH AREA OF THE BUILDING WHERE ADHERED FLOOR FINISHES ARE BEING APPLIED
8. INSPECT WELDING OF REINFORCING STEEL: A. REFER TO STRUCTURAL STEEL TABLE	AWS D1.4	PERIODIC	

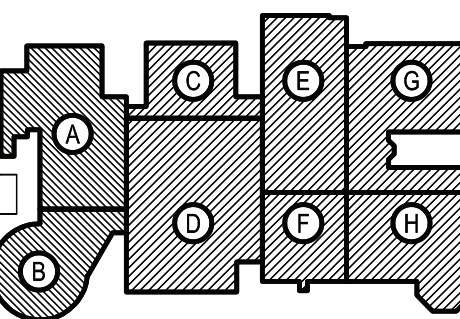
STRUCTURAL STEEL :

INSPECTION TASK	REFERENCED STANDARD	INSPECTION FREQUENCY	TESTING/INSPECTION QUANTITY AND EXTENT
1. VERIFY FABRICATOR(S) MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES	AISC 360-10 CHAPTER N	PERIODIC	
2. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS: A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE	APPLICABLE ASTM MATERIAL SPECIFICATIONS: AISC 360-10, A3.3	PERIODIC	ALL BOLTS
3. INSPECTION OF HIGH-STRENGTH BOLTING: A. BEARING-TYPE CONNECTIONS	AISC 360-10, N5.6	PERIODIC	ALL BOLTS
4. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND METAL DECK: A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFIED MILL TEST REPORTS REQUIRED	ASTM A 6 OR ASTM A 568 ASTM A 653	PERIODIC  PERIODIC	ALL STRUCTURAL STEEL AND METAL DECK
5. PERFORM PULL-OUT TESTS ON DRILLED-IN, ADHESIVE, EXPANSION, AND SLEEVE ANCHORS		PERIODIC	TEST 10% OF EACH ANCHOR TYPE (MINIMUM OF 2) BY APPLYING A LOAD EQUAL TO 125% OF ALLOWABLE PULL-OUT STRENGTH TEST 100% OF ANCHORS BY PULLING WITH A CLAW HAMMER USING THE WEIGHT OF ONE MAN
6. MATERIAL VERIFICATION OF WELD FILLER MATERIALS: A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED	AISC 360-10, A3.5	CONT  CONT	ALL FILLER MATERIAL
7. INSPECTION OF WELDING OF STRUCTURAL STEEL:  A. FILLET WELDS 1. SINGLE PASS (5/16 OR LESS) 2. MULTIPASS (GREATER THAN 5/16) B. METAL DECK WELDS C. SHEAR CONNECTOR WELDS. VERIFY FOR SHEAR CONNECTOR WELDS. BEND TEST BY CONTRACTOR	AISC 360-10, N5.4 & N5.5, AWS D1.1 ASTM E 709 AWS D1.1  AWS D1.3 HAMMER TEST AISC 360-10, N6	PERIODIC CONT PERIODIC PERIODIC	100% VISUAL INSPECTION AND 10% MAGNETIC PARTICLE TESTING  100% VISUAL INSPECTION
8. INSPECTION OF WELDING OF REINFORCING STEEL: A. VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706 B. REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL REINFORCED CONCRETE SHEAR WALLS AND SHEAR REINFORCEMENT C. OTHER REINFORCING STEEL	AWS D1.4 ACI 318 3.5.2	PERIODIC CONT	ALL REINFORCING STEEL WELD LOCATIONS
9. INSPECTION OF ERECTED STEEL FRAME: A. JOINT DETAILS FOR COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS B. BRACED FRAMES AND MOMENT FRAMES C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION	AISC 360-10, N5.7	PERIODIC	ENTIRE FRAME
10. INSPECTION OF ERECTED METAL DECK: A. SIZE AND SPACING OF MECHANICAL FASTENERS INCLUDING SCREWS AND POWDER-ACTUATED FASTENERS	AISC 360-10, N6	PERIODIC	ENTIRE DECK

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
SPECIAL INSPECTION NOTES AND  
SCHEDULE OF INSPECTIONS

DRAWING BY: AED  
CHECK BY: ...

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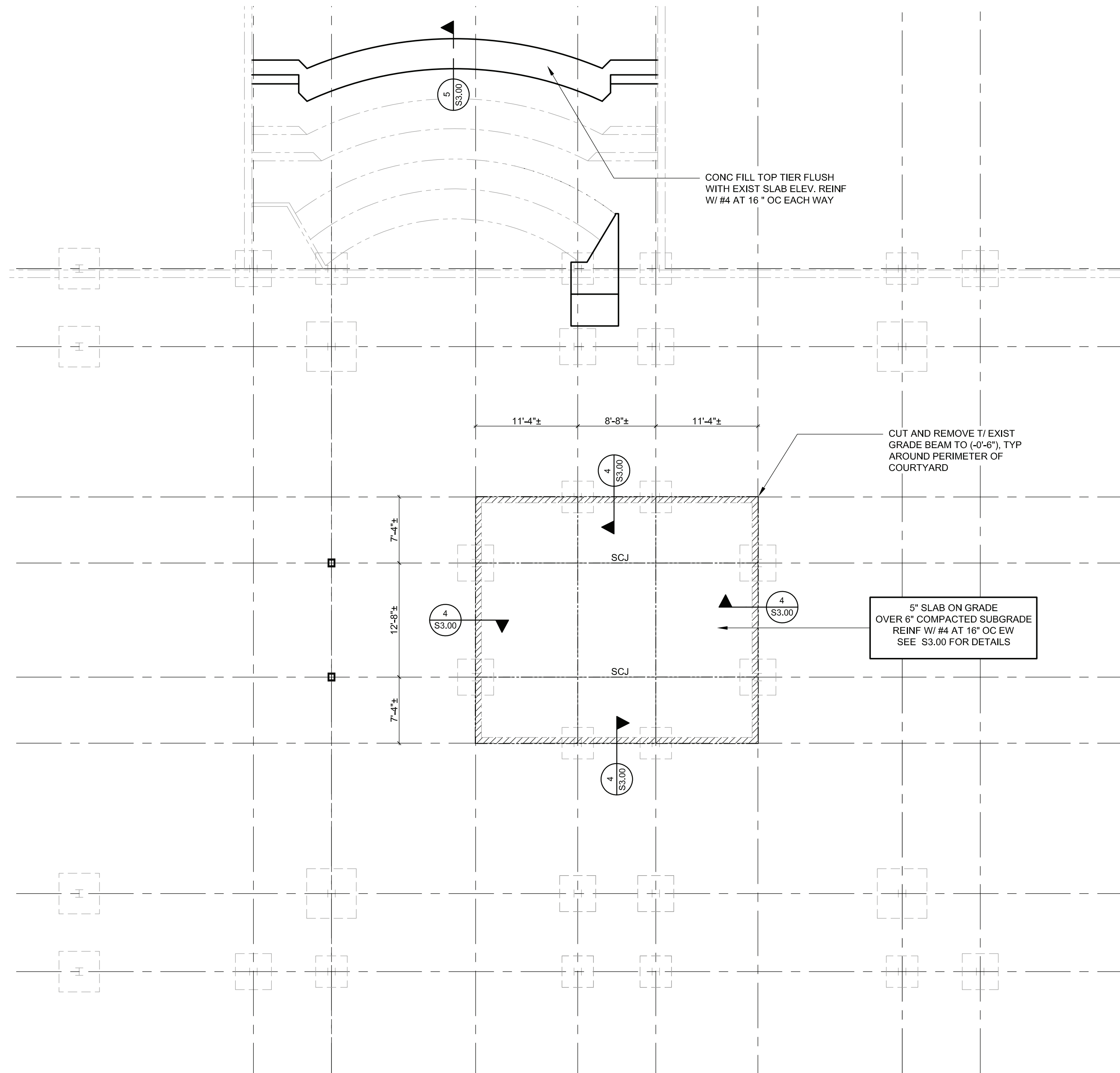
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SED No: 66-14-02-02-0-004-023  
DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: SPECIAL INSPECTION NOTES AND SCHEDULE  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

S0.02





PARTIAL FOUNDATION PLAN

1/8" = 1'-0"

NOTES:

1. T/SLAB ELEVATION ( ) EQUALS REFERENCE ELEVATION (0'-0").
2. ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0'-0").
3. SEE S3.00 AND S3.00 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
4. DRILL AND GROUT SLAB REINFORCING 4" INTO EDGE OF EXISTING SLAB AT COURTYARD SLAB INFILL AREA.
5. PROVIDE (1)#4X4-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON GRADE.
6. SEE S0.01 AND S0.02 FOR ADDITIONAL NOTES.
7. SEE S1.00 FOR FOUNDATION PLAN LEGEND.

FOUNDATION PLAN LEGEND

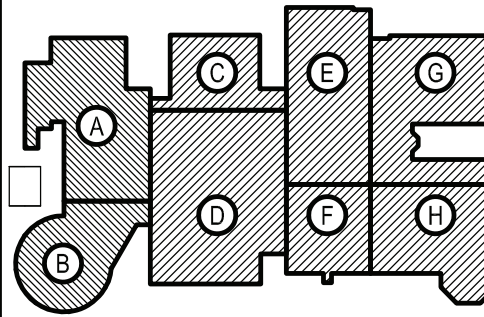
- F# INDICATES FOOTING TYPE OR DESIGNATION.
- P# INDICATES PIER TYPE OR DESIGNATION. SEE DRAWING 1/S302 FOR PIER DETAILS.
- HIGH  
LOW INDICATES STEPPED FOOTING LOCATION AND ASSOCIATED T/FOOTING ELEVATIONS.
- INDICATES TOP OF CONCRETE WALL TO BE REMOVED TO (-0'-6") BELOW TOP OF EXISTING SLAB. SEE DETAIL 4/S3.00 FOR ADDITIONAL INFORMATION.
- SCJ INDICATES SLAB CONTROL OR CONTRACTION JOINT LOCATION. VERIFY AND COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS. SEE TYPICAL DETAILS ON DRAWING S300 FOR MORE INFORMATION.

REV.	DATE	ITEM

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7 Maureen Ct, Clifton Park, NY  
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KEY PLAN

NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
PARTIAL FOUNDATION PLAN

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SED No: 66-14-02-02-0-004-023  
DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: PARTIAL FOUNDATION PLAN

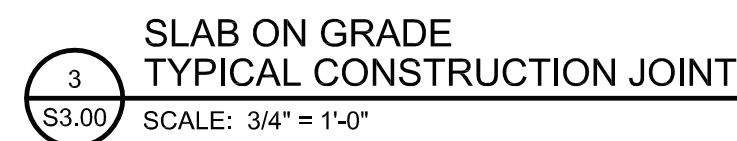
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DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

S1.00



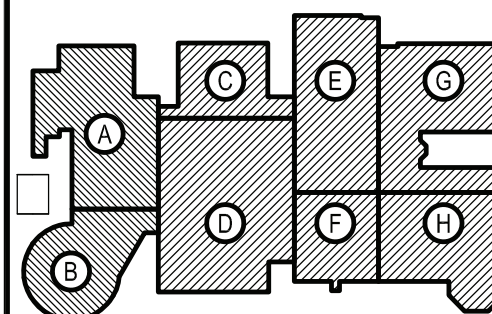
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## KEY PLAN

NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

## CONCRETE SECTIONS AND DETAILS

PROJECT

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DISTRICT BRIARCLIFF MANOR LIESD

<b>PROJECT</b>	PHASE 2 BOND IMPROVEMENT
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<b>DWG TITLE</b>	CONCRETE SECTIONS AND DETAILS
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SCALE: AS NOTED

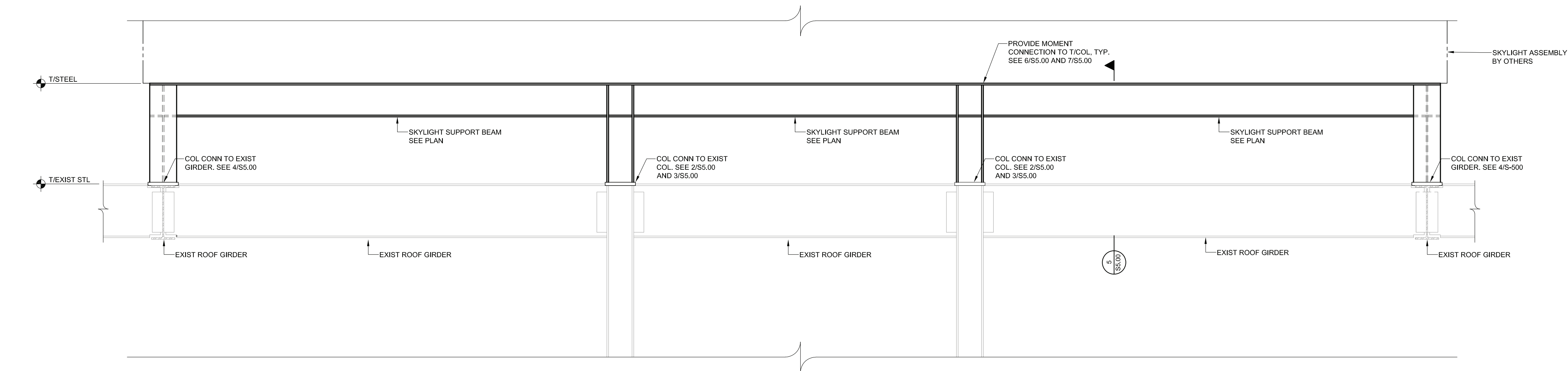
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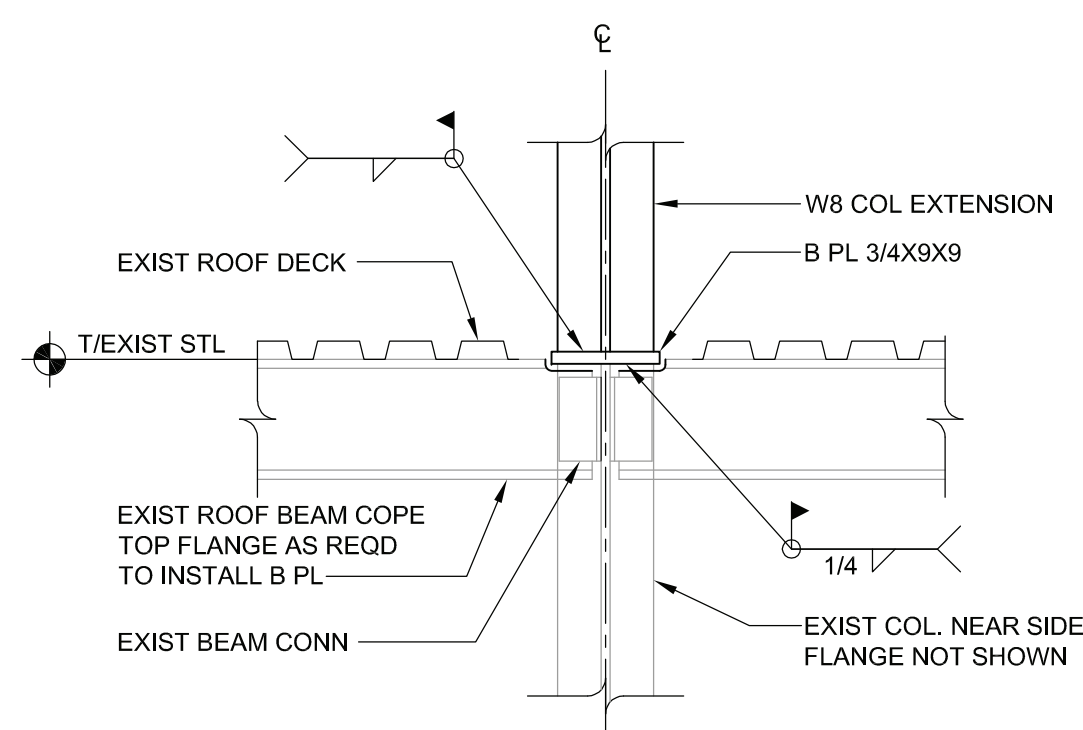
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S3.00

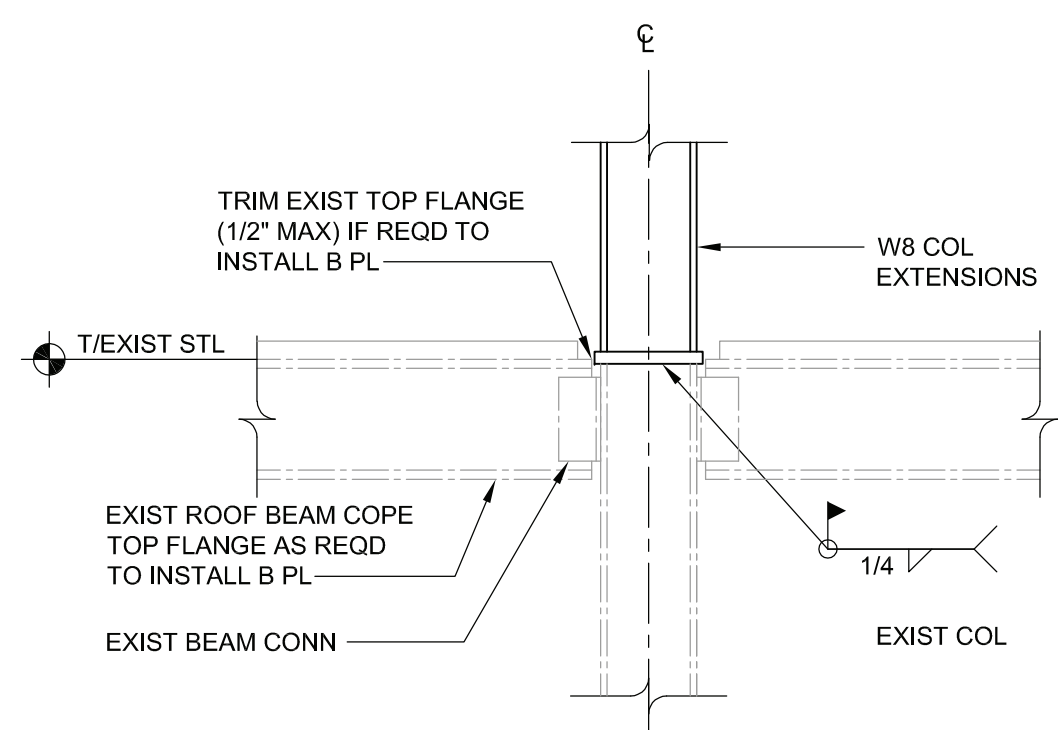




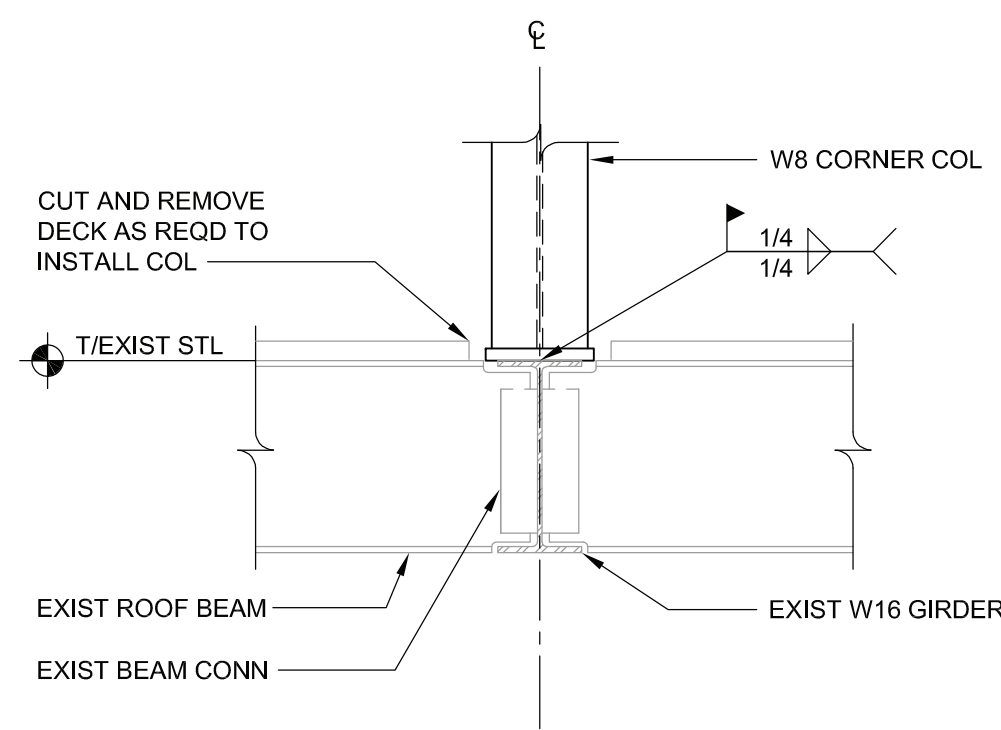
**1 SCHEMATIC FRAMING ELEVATION AT SKYLIGHT**  
SCALE: 3/4" = 1'-0"



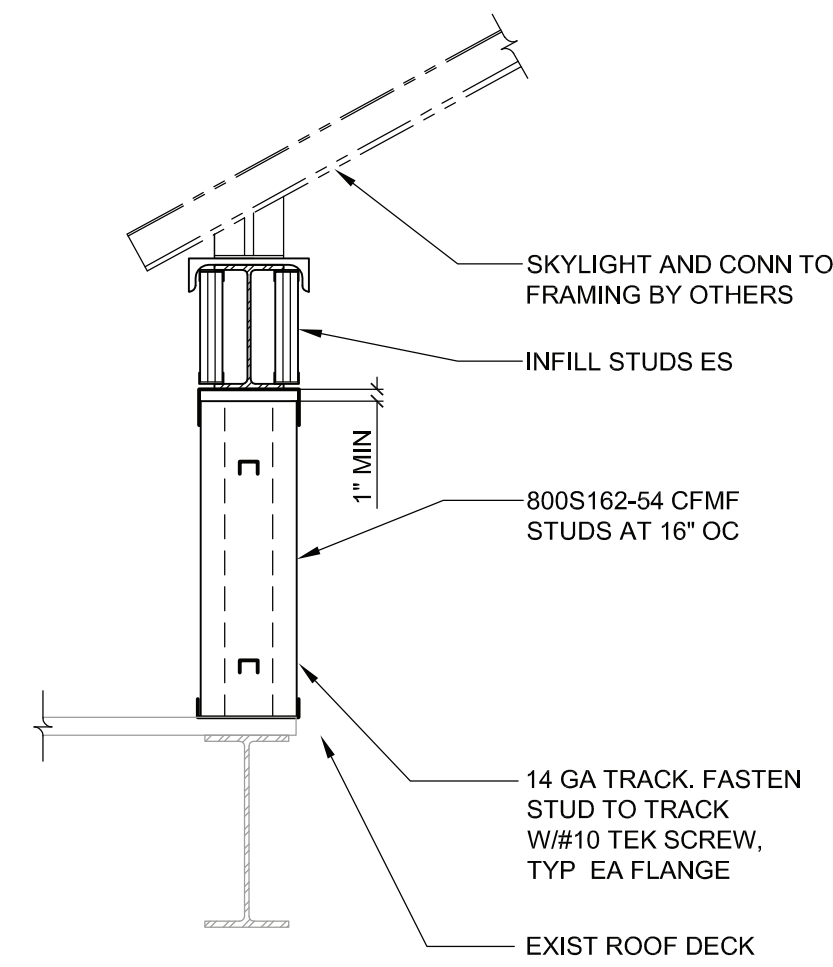
**2 CONNECTION DETAIL AT EXISTING COLUMN**  
SCALE: 3/4" = 1'-0"



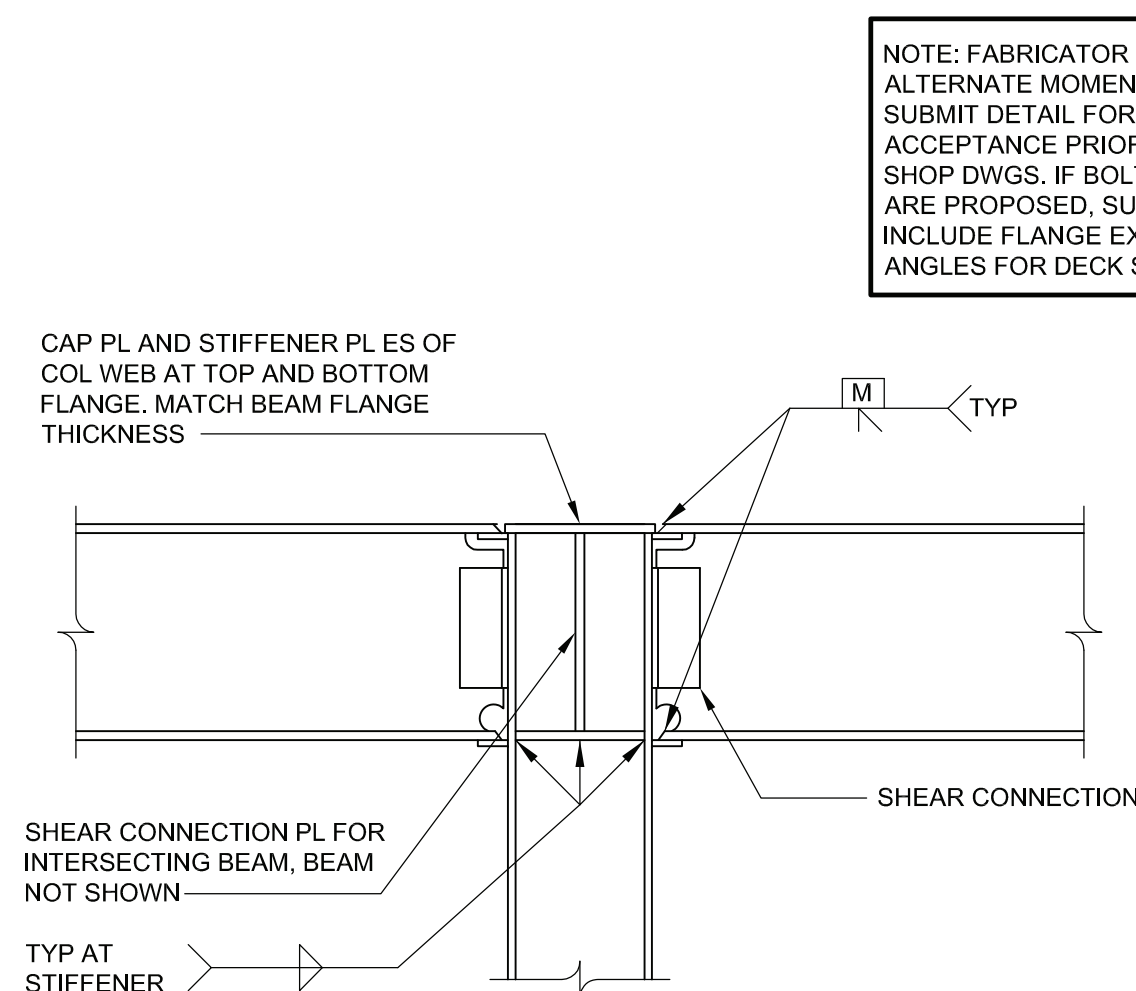
**3 CONNECTION DETAIL AT EXISTING COLUMN**  
SCALE: 3/4" = 1'-0"



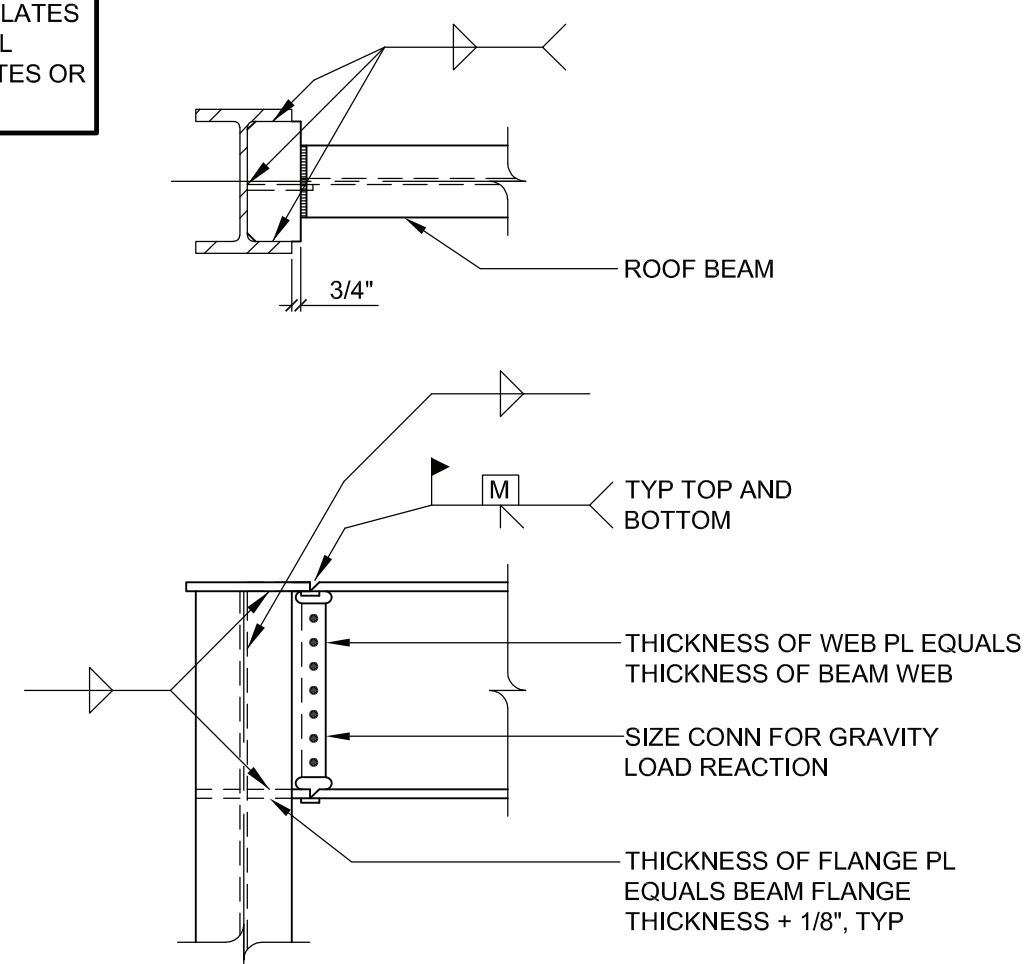
**4 SECTION AT CORNER COLUMNS**  
SCALE: 3/4" = 1'-0"



**5 SECTION AT SKYLIGHT BEAM**  
SCALE: 3/4" = 1'-0"



**6 MOMENT CONNECTION AT COLUMN**  
SCALE: 3/4" = 1'-0"

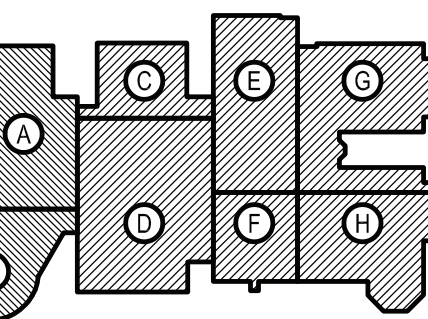


**7 MOMENT CONNECTION DETAIL AT COLUMN**  
SCALE: 3/4" = 1'-0"

REV.	DATE	ITEM

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**KEY PLAN**  
NOT TO SCALE

**PROJECT**  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
STEEL SECTIONS AND DETAILS

**DRAWING BY:** AED  
**CHECK BY:** ...

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**SED No:** 66-14-02-02-0-004-023  
**DISTRICT:** BRIARCLIFF MANOR UFSD  
**PROJECT:** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE:** STEEL SECTIONS AND DETAILS  
**SCALE:** AS NOTED  
**DATE:** 7/15/22  
**BID PICK-UP:**  
**FILE No:** 21-274C

**S5.00**







MECHANICAL CODE VENTILATION CALCULATIONS - (HVAC-7)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Gallery 501B	Corridor	0	0	0.06	0	2815	0	169	0.8	212	0
Office 4	Office space	5	5	0.06	0	105	1	12	0.8	15	0
Office 3	Office space	5	5	0.06	0	105	1	12	0.8	15	0
Corridor - F	Corridor	0	0	0.06	0	420	0	26	0.8	33	0
Corridor - L	Corridor	0	0	0.06	0	179	0	11	0.8	14	0
Student Learning Exchange 168-C	Media center	25	10	0.12	0	1692	43	634	0.8	793	0
Quiet Room 107	Office space	5	5	0.06	0	48	1	8	0.8	10	0
Office 1	Office space	5	5	0.06	0	70	1	10	0.8	13	0
Office 2	Office space	5	5	0.06	0	70	1	10	0.8	13	0

MECHANICAL CODE VENTILATION CALCULATIONS - (DOAS-8)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
College Conf 114	Conference room	50	5	0.06	0	430	22	136	0.8	170	0
Corridor E	Corridor	0	0	0.06	0	2583	0	155	0.8	194	0
Office 8	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 13	Office space	5	5	0.06	0	82	1	10	0.8	13	0
Office 15	Office space	5	5	0.06	0	82	1	10	0.8	13	0
Office 14	Office space	5	5	0.06	0	82	1	10	0.8	13	0
Office 12	Office space	5	5	0.06	0	144	1	14	0.8	18	0
Office 9	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 11	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 17	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 18	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 16	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Office 7	Office space	5	5	0.06	0	92	1	11	0.8	14	0
Office 10	Office space	5	5	0.06	0	94	1	11	0.8	14	0
Student Learning Exchange 168-B	Media center	25	10	0.12	0	1782	45	664	0.8	830	0
Office 5	Office space	5	5	0.06	0	105	1	12	0.8	15	0
Office 6	Office space	5	5	0.06	0	107	1	12	0.8	15	0

MECHANICAL CODE VENTILATION CALCULATIONS - (HVAC-9)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Amphitheater 108	Lecture classroom	65	7.5	0.06	0	1502	98	826	0.8	1033	0

MECHANICAL CODE VENTILATION CALCULATIONS - (HVAC-10)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Corridor C	Corridor	0	0	0.06	0	4467	0	269	0.8	337	0

MECHANICAL CODE VENTILATION CALCULATIONS - (HVAC-11)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Cafeteria 505	Cafeteria, fast food	100	7.5	0.18	0	4811	482	4481	0.8	5602	0

MECHANICAL CODE VENTILATION CALCULATIONS - (HVAC-12)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Office 20	Office space	5	5	0.06	0	95	1	11	0.8	14	0
St 118	Storage room	0	0	0.12	0	176	0	22	0.8	28	0
St. 119	Storage room	0	0	0.12	0	223	0	27	0.8	34	0
Student Learning Exchange 168-A	Media center	25	10	0.12	0	3940	99	1463	0.8	1829	0
Tech. 165	Storage room	0	0	0.12	0	468	0	57	0.8	72	0
Corridor P	Corridor	0	0	0.06	0	757	0	46	0.8	58	0
Corridor Q	Corridor	0	0	0.06	0	757	0	46	0.8	58	0
Pysch. 237	Office space	5	5	0.06	0	164	1	15	0.8	19	0
Faculty 220	Office space	5	5	0.06	0	330	2	30	0.8	38	0
Tech. 242	Office space	5	5	0.06	0	211	2	23	0.8	29	0
Faculty 241	Office space	5	5	0.06	0	114	1	12	0.8	15	0
Corridor B	Corridor	0	0	0.06	0	1389	0	84	0.8	105	0
Student Learning Exchange 165-Light Well	Media center	25	10	0.12	0	780	20	294	0.8	368	0
Chemistry 225	Science Laboratories	25	10	0.18	1	1225	31	531	0.8	664	1225
Chemistry 229	Science Laboratories	25	10	0.18	1	1549	39	669	0.8	837	1549
Chem. Stor. 236	Storage room	0	0	0.12	0	169	0	21	0.8	27	0
Support 228	Office space	5	5	0.06	0	185	1	17	0.8	22	0
Math/Tech 227	Office space	5	5	0.06	0	321	2	30	0.8	38	0
Social Studies 221	Classroom (age 9 plus)	35	10	0.12	0	910	32	430	0.8	538	0
Social Studies 226	Classroom (age 9 plus)	35	10	0.12	0	899	32	428	0.8	535	0
Support 222	Office space	5	5	0.06	0	322	2	30	0.8	38	0
Support 223	Office space	5	5	0.06	0	187	1	17	0.8	22	0
Storage 166	Storage room	0	0	0.12	0	45	0	6	0.8	8	0
Storage 167	Storage room	0	0	0.12	0	46	0	6	0.8	8	0

MECHANICAL CODE VENTILATION CALCULATIONS - (FIRST FLOOR - CEILING MOUNTED UNIT VENTILATORS)

Room Number	Unit ID	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Classroom 117	UV-1A	Classroom (age 9 plus)	35	10	0.12	0	938	33	443	0.8	554	0
Office 19	UV-1B	Office space	5	5	0.06	0	98	1	11	0.8	14	0
Tech 164	UV-1B	Classroom (age 9 plus)	35	10	0.12	0	763	27	362	0.8	453	0
Flex Space 112	UV-1C	Classroom (age 9 plus)	35	10	0.12	0	527	19	254	0.8	318	0
Writing Lab 116	UV-1D	Classroom (age 9 plus)	35	10	0.12	0	384	14	187	0.8	234	0
Math Lab 115	UV-1E	Classroom (age 9 plus)	35	10	0.12	0	317	12	159	0.8	199	0

MECHANICAL CODE VENTILATION CALCULATIONS - (FIRST FLOOR - FLOOR MOUNTED UNIT VENTILATORS)

Room Number	Unit ID	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Fab Lab/Photography 120	UV-1F	Classroom (age 9 plus)	35	10	0.12	0	982	35	468	0.9	520	0
Robotics/Engineering 121	UV-1G	Classroom (age 9 plus)	35	10	0.12	0	1107	39	523	0.9	582	0
St 120A	UV-1F	Storage room	0	0	0.12	0	204	0	25	0.9	28	0
St 121A	UV-1G	Storage room	0	0	0.12	0	126	0	16	0.9	18	0
Science Research Lab 113	UV-1H	Classroom (age 9 plus)	35	10	0.12	0	890	32	427	0.9	475	0

MECHANICAL CODE VENTILATION CALCULATIONS - (SECOND FLOOR - CEILING MOUNTED UNIT VENTILATORS)

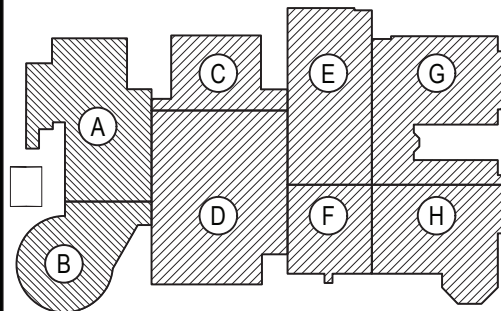
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Chemistry 229	UV-2A & UV-2B	Science Laboratories	25	10	0.18	1	1462	37	634	0.8	793	1462
Math/Tech 227	UV-2C	Office space	5	5	0.06	0	318	2	30	0.8	38	0
Social Studies 221	UV-2E	Classroom (age 9 plus)	35	10	0.12	0	858	31	413	0.8	517	0
Social Studies 226	UV-2D	Classroom (age 9 plus)	35	10	0.12	0	858	31	413	0.8	517	0
Support 222	UV-2F	Office space	5	5	0.06	0	329	2	30	0.8	38	0
Support 223	UV-2F	Office space	5	5	0.06	0	181	1	16	0.8	20	0
Support 228	UV-2C	Office space	5	5	0.06	0	126	1	13	0.8	17	0

MECHANICAL CODE VENTILATION CALCULATIONS - (FIRST FLOOR - CEILING MOUNTED FAN COIL UNITS)

Room Number	Occupancy Classification	Occupancy Density (People Per 1000SF)	People Outdoor Airflow Rate in Breathing Zone, Rp (CFM/Person)	Area Outdoor Airflow Rate in Breathing Zone, Ra (CFM/SF)	Exhaust Airflow Rate (CFM/SF)	Area (SF)	Number of People (Pz)	Ventilation in Breathing Zone, Vbz (CFM)	Zone Air Distribution Effectiveness, Ez	Corrected Zone Outdoor Airflow CFM, Voz	Exhaust Air CFM Required
Breakout 500	Conference/meeting	50	5	0.06	0	169	9	56	0.8	70	0
Breakout 501	Conference/meeting	50	5	0.06	0	170	9	56	0.8	70	0

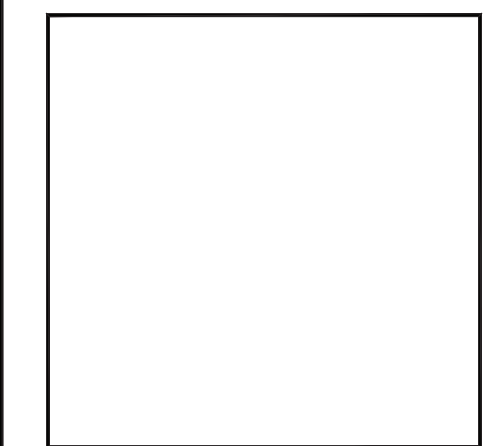
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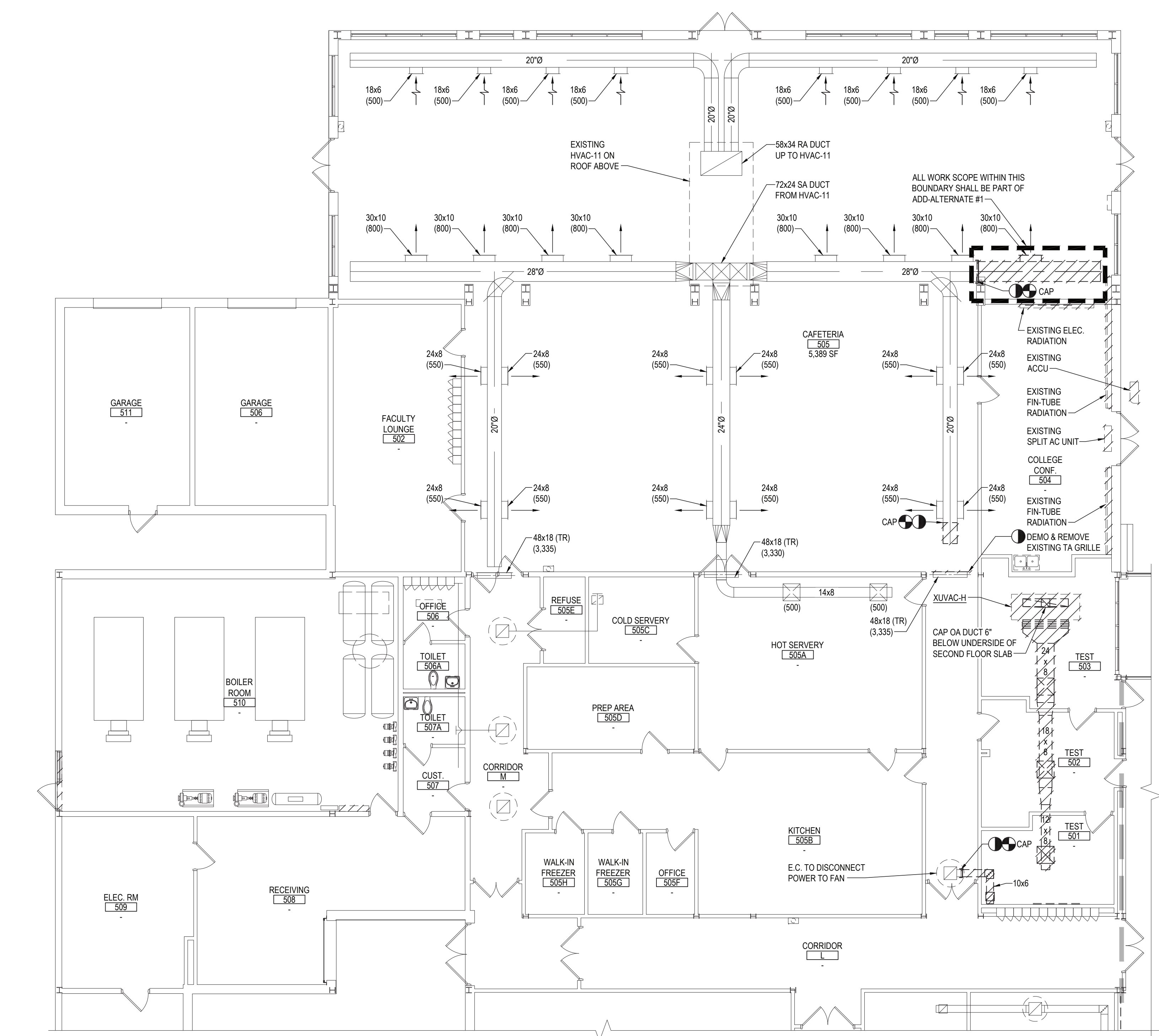
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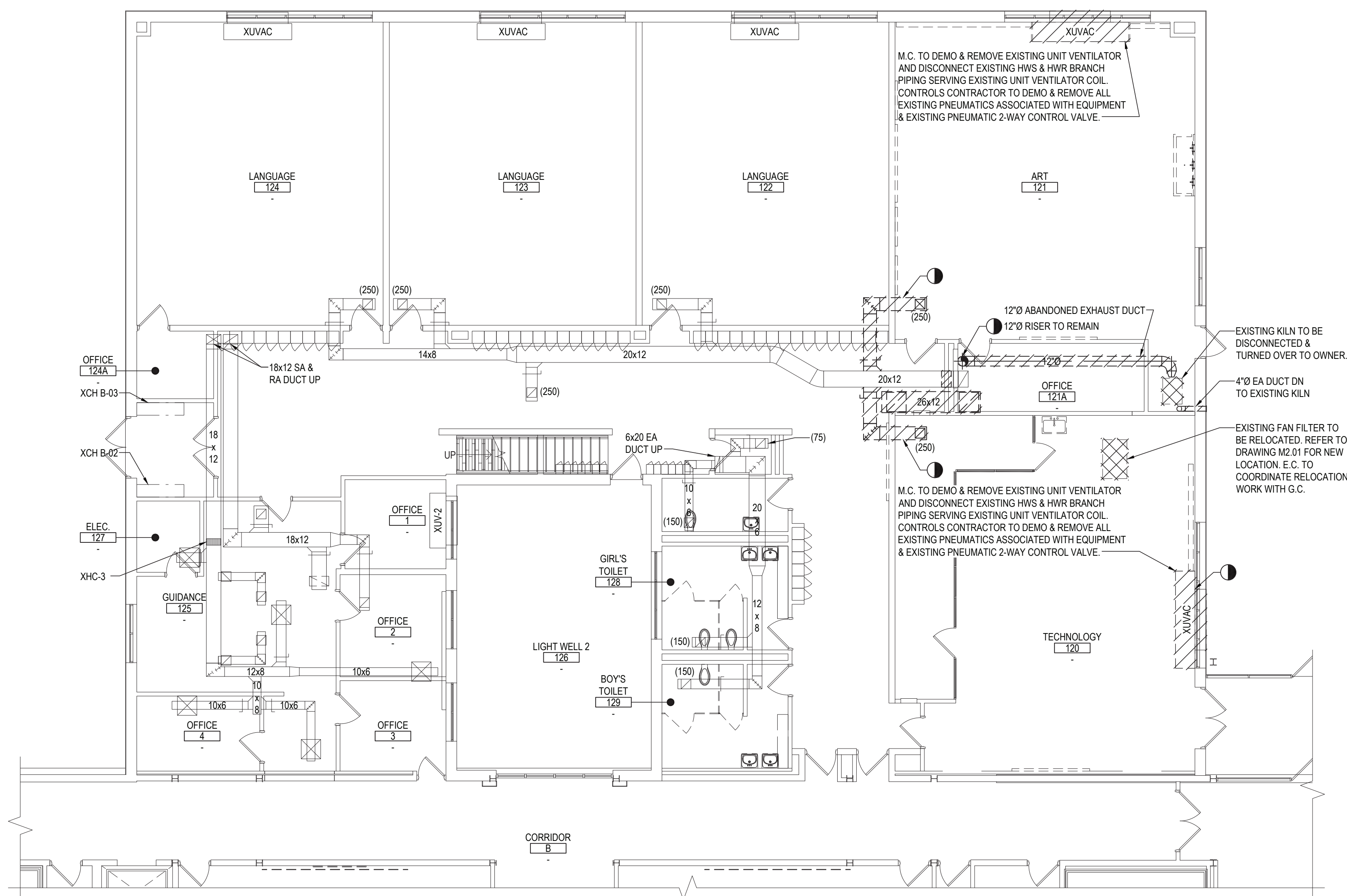
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DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: GENERAL NOTES, LEGENDS AND SYMBOLS (2 OF 2)  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

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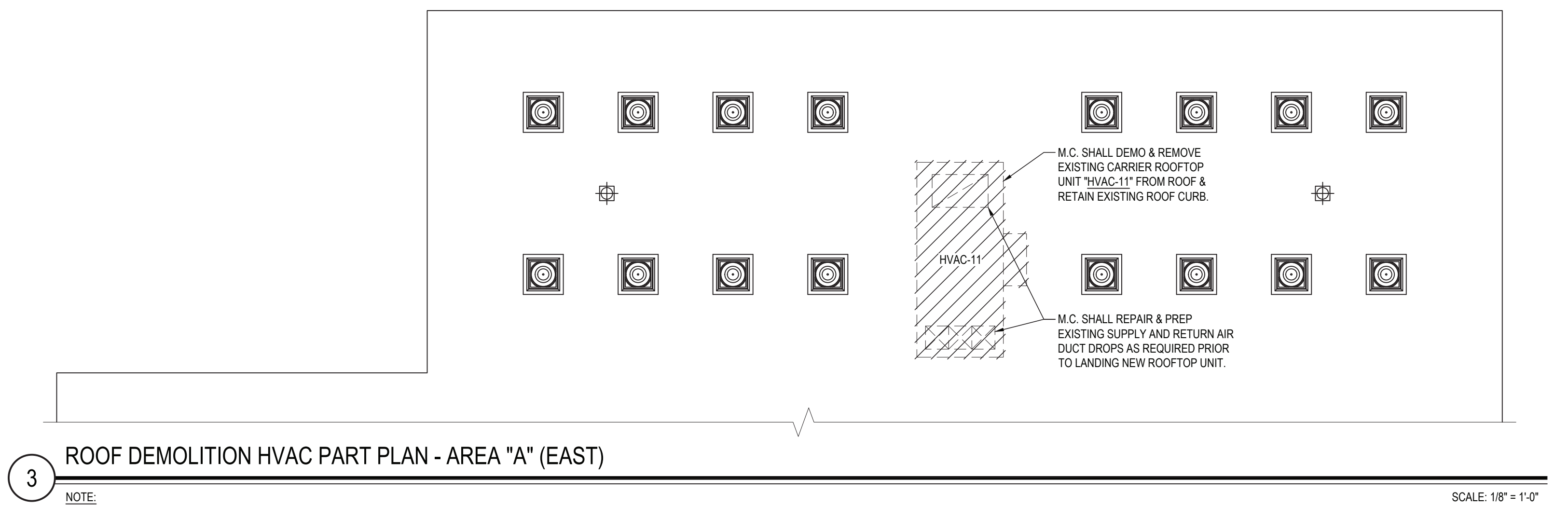




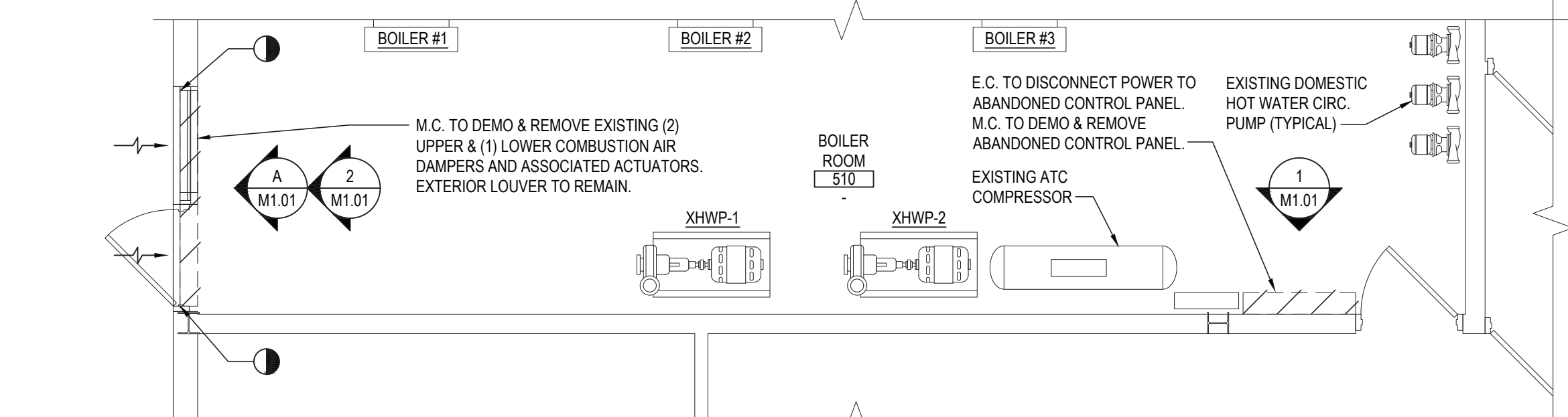
1 GROUND FLOOR DEMOLITION HVAC PART PLAN - AREA "A"  
NOTE: SCALE: 1/8" = 1'-0"



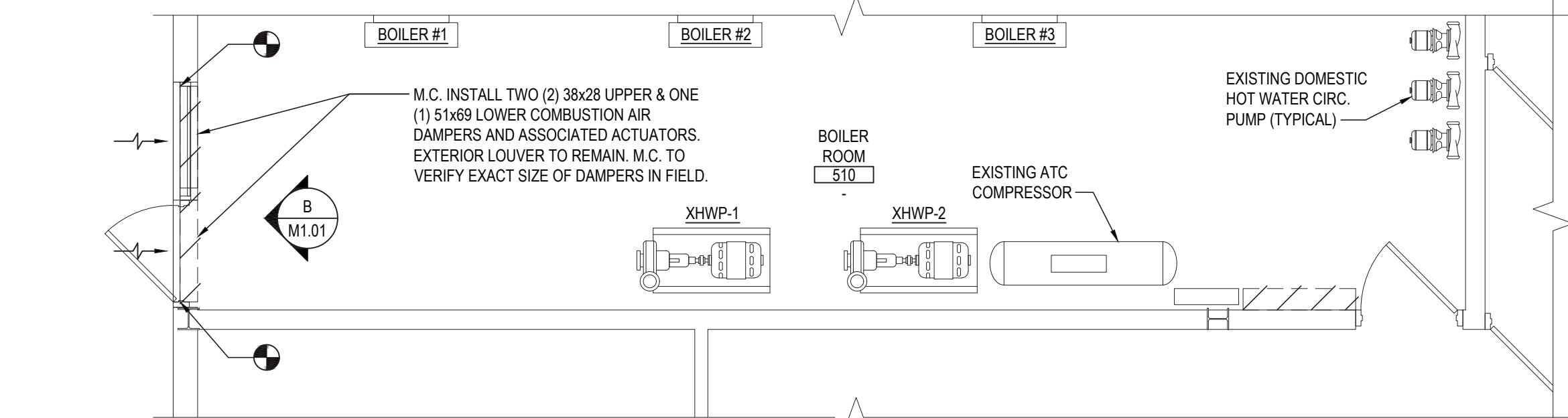
2 GROUND FLOOR DEMOLITION HVAC PART PLAN - AREA "C"  
NOTE: SCALE: 1/8" = 1'-0"



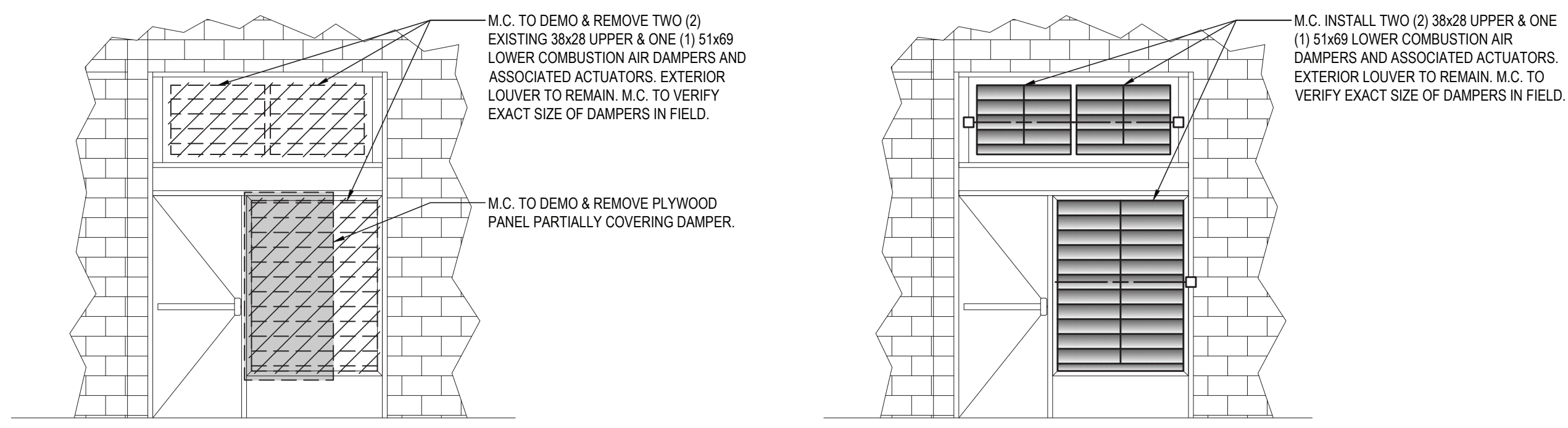
3 ROOF DEMOLITION HVAC PART PLAN - AREA "A" (EAST)  
NOTE: SCALE: 1/8" = 1'-0"



4 GROUND FLOOR DEMOLITION (ENLARGED BOILER ROOM) HVAC PART PLAN - AREA "A"  
NOTE: SCALE: 1/4" = 1'-0"



5 GROUND FLOOR PROPOSED (ENLARGED BOILER ROOM) HVAC PART PLAN - AREA "A"  
NOTE: SCALE: 1/4" = 1'-0"



A ELEVATION - DEMOLITION  
NOTE: SCALE: 1/4" = 1'-0"

B ELEVATION - PROPOSED  
NOTE: SCALE: 1/4" = 1'-0"



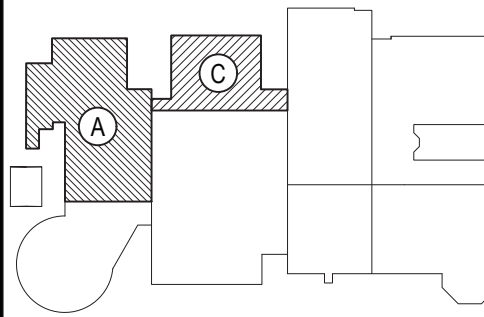
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DAMPER PHOTO DETAIL - 2

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PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWG TITLE  
DEMOLITION HVAC PART PLANS - AREA A & C

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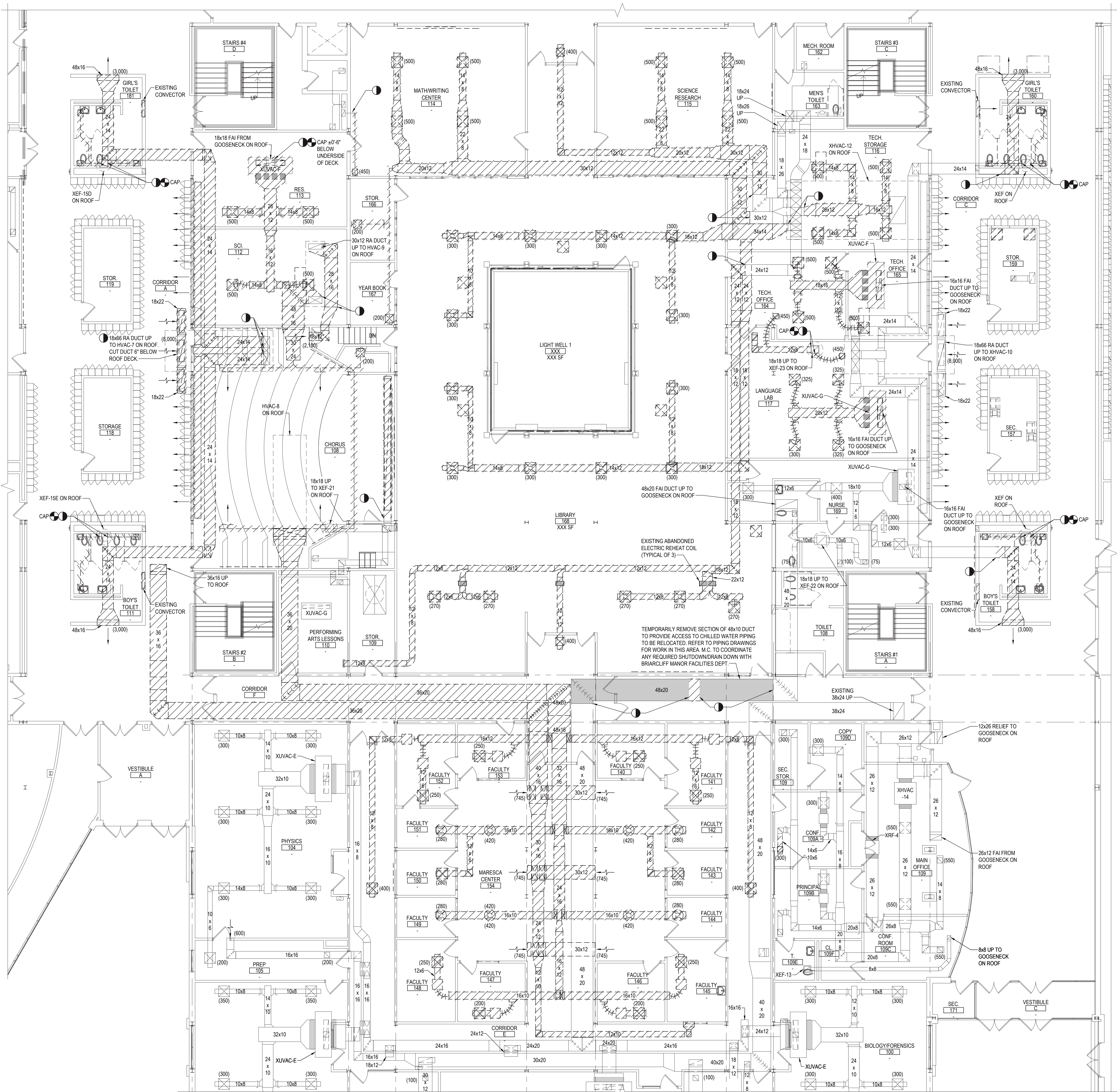
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DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: DEMOLITION HVAC PART PLANS AREA A & C  
SCALE: AS NOTED  
DATE: 7/15/22  
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1 GROUND FLOOR DEMOLITION HVAC PART PLAN - AREA "D"

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

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KEY PLAN

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PROJECT

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE

DEMOLITION HVAC PART PLANS - AREA D

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DWG TITLE: DEMOLITION HVAC PART PLANS AREA D

SCALE: AS NOTED

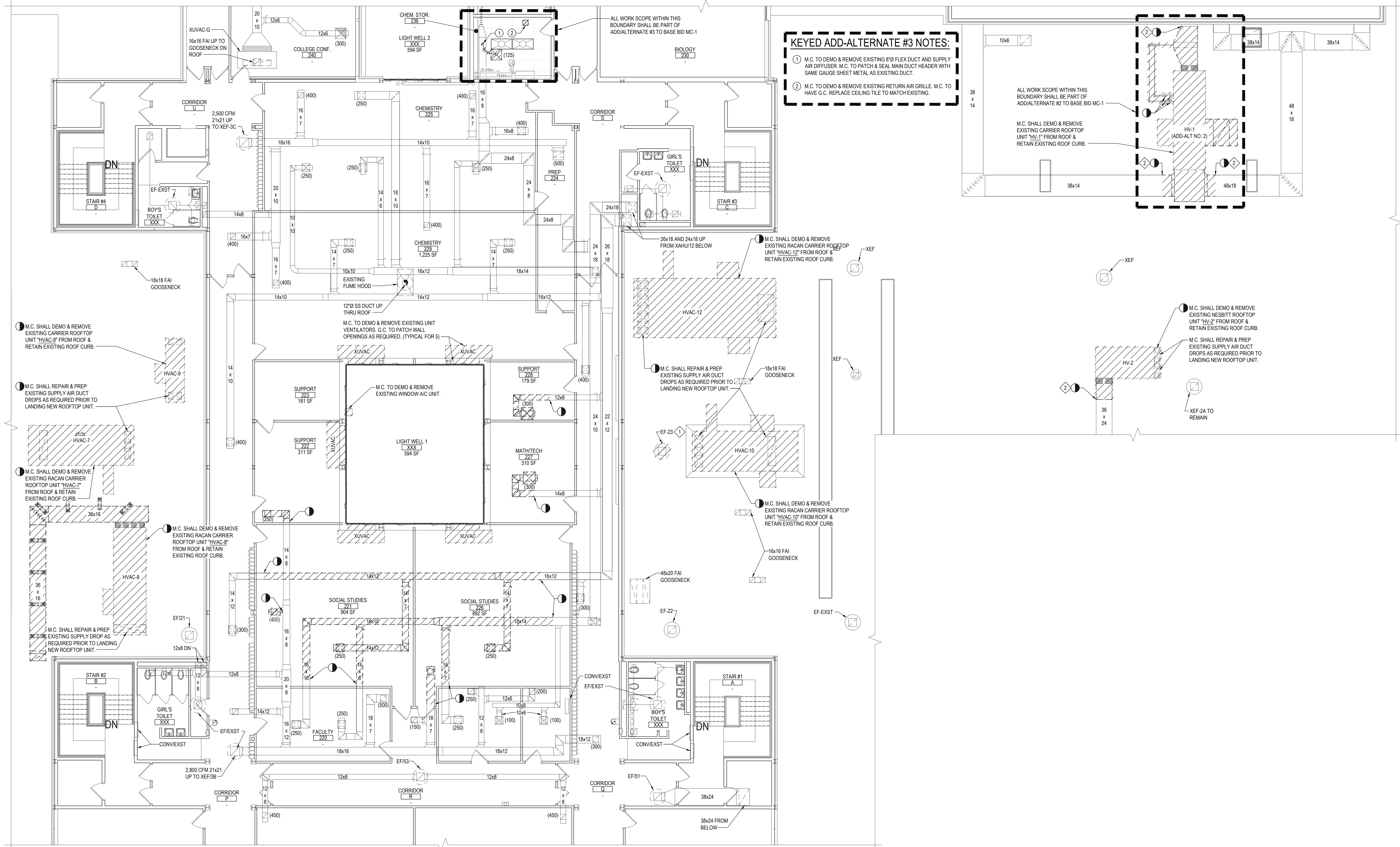
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**KEYED ADD-ALTERNATE #3 NOTES:**

① M.C. TO DEMO & REMOVE EXISTING 8"Ø FLEX DUCT AND SUPPLY AIR DIFFUSER. M.C. TO PATCH & SEAL MAIN DUCT HEADER WITH SAME GAUGE SHEET METAL AS EXISTING DUCT.

② M.C. TO DEMO & REMOVE EXISTING RETURN AIR GRILLE. M.C. TO HAVE G.C. REPLACE CEILING TILE TO MATCH EXISTING.

1 SECOND FLOOR AND ROOF DEMOLITION HVAC PART PLAN - AREA "D & E"

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

**MECHANICAL KEYED DEMOLITION NOTES:**

- ① DEMO & REMOVE EXISTING ROOFTOP EXHAUST FAN AND ASSOCIATED DAMPER SHOWN. E.C. SHALL DISCONNECT FAN PRIOR TO REMOVAL. RETAIN EXISTING ROOF CURB.
- ② M.C. SHALL REPAIR & PREP EXISTING DUCT FOR CONNECTION TO NEW DUCTWORK.

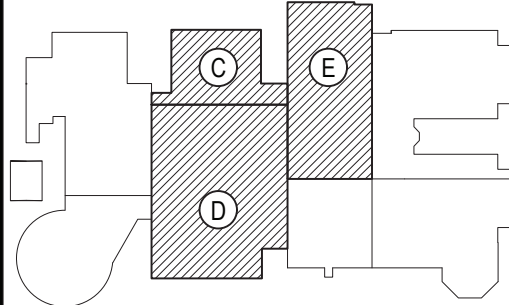
**PRE-CONSTRUCTION NOTE:**

M.C. TO VERIFY EXISTING VOLTS, PHASE & HERTZ OF EXISTING FANS AND COORDINATE SUBMITTALS WITH EXISTING FIELD VERIFICATIONS. M.C. TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO REMOVAL OF EXISTING CURBS.

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

SECOND FLOOR AND ROOF HVAC  
DEMOLITION PART PLAN - AREA C, D & E

**DRAWING BY:** R.D.P.  
**CHECK BY:** F.S.

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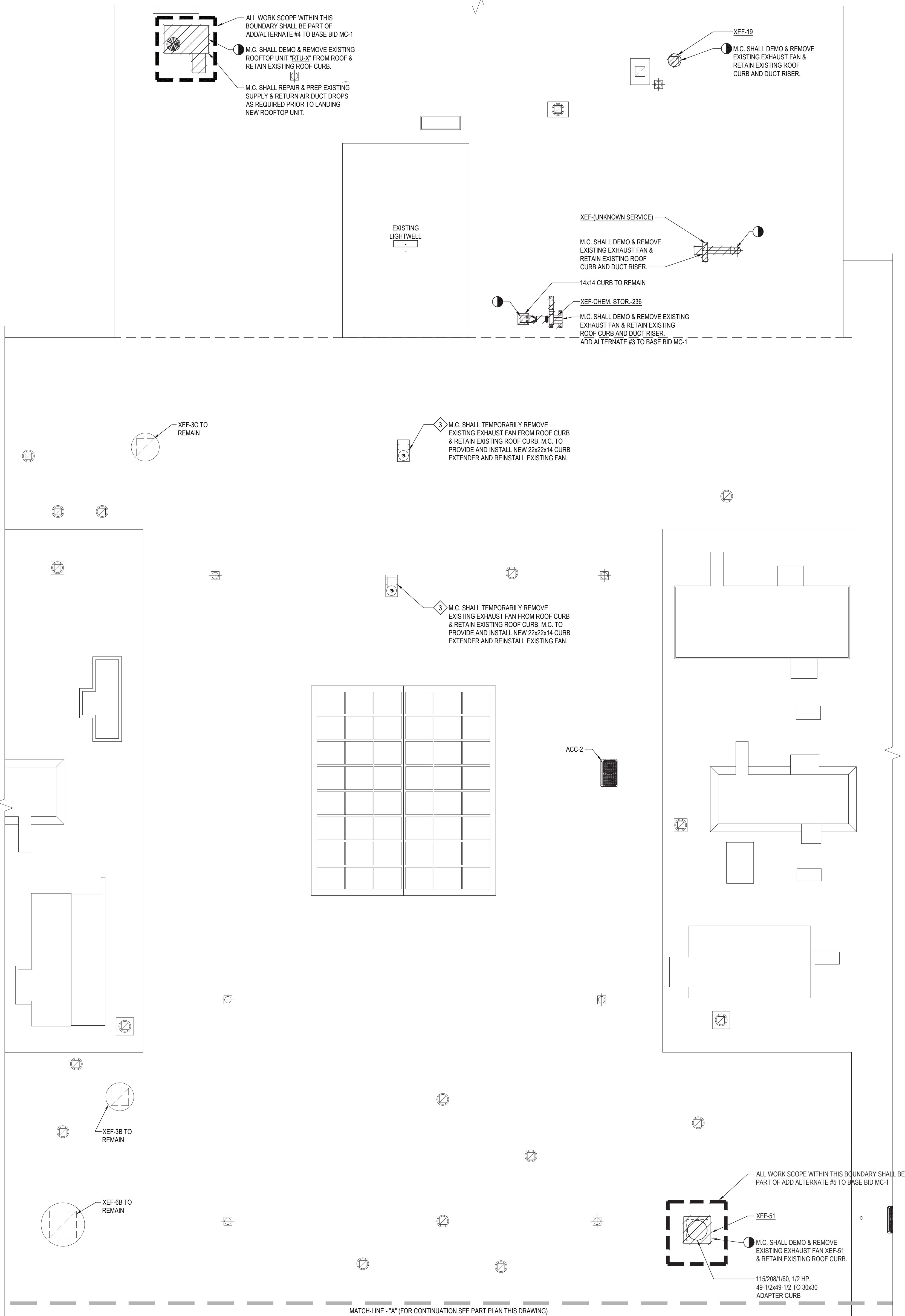
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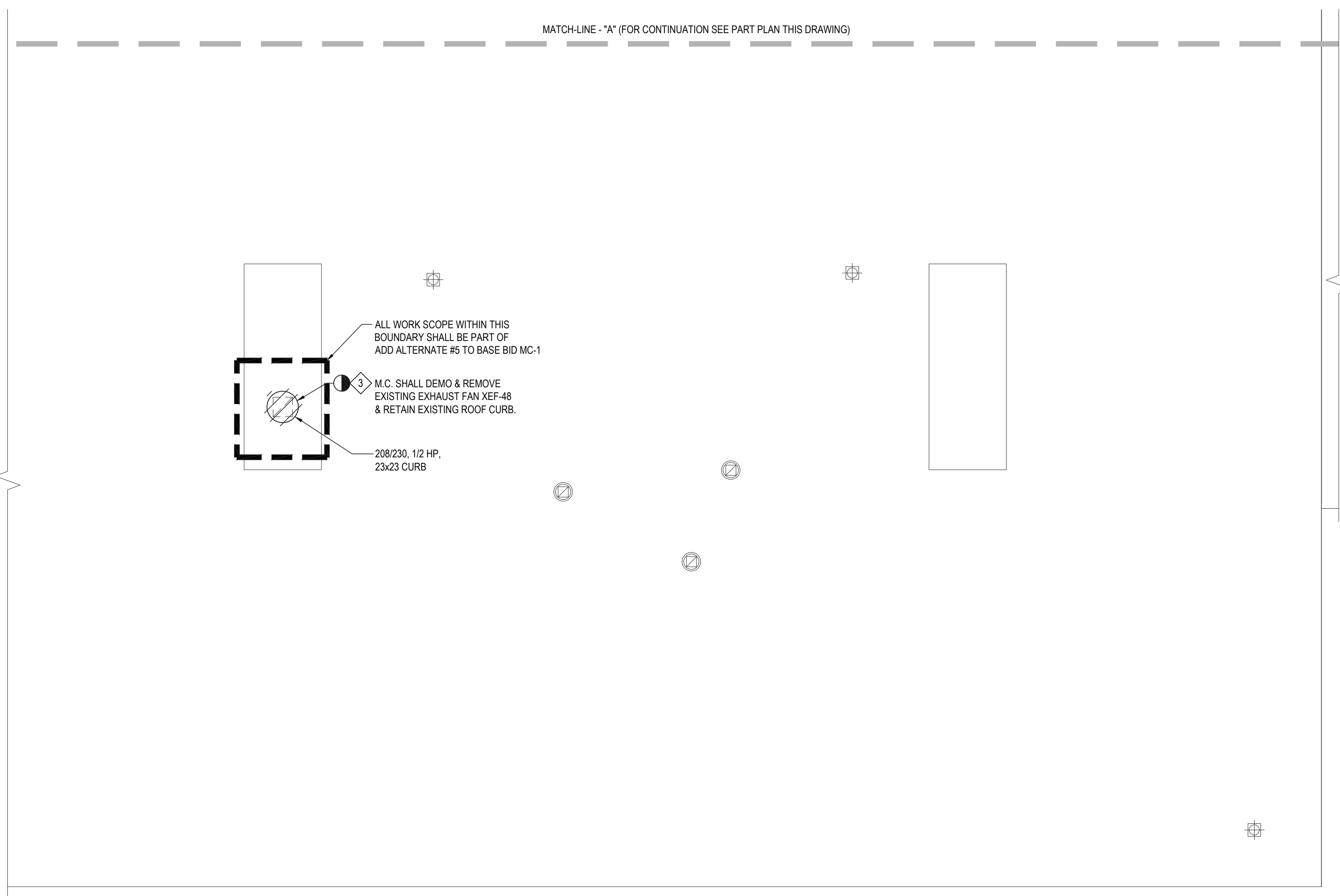
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**DISTRICT:** BRIARCLIFF MANOR UFSD  
**PROJECT:** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE:** 2ND FLOOR & ROOF HVAC HVAC DEMO PART PLAN - C, D & E  
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**DATE:** 7/15/22  
**BID PICK-UP:**  
**FILE No:** 21-274C

**M1.03** **HSMS**





1 SECOND FLOOR AND ROOF DEMOLITION HVAC PART PLAN - AREA "D & E"



2 SECOND FLOOR AND ROOF DEMOLITION HVAC PART PLAN - AREA "D"

**MECHANICAL KEYED DEMOLITION NOTES:**

- 1 DEMO & REMOVE EXISTING ROOFTOP EXHAUST FAN AND ASSOCIATED DAMPER SHOWN. E.C. SHALL DISCONNECT FAN PRIOR TO REMOVAL. RETAIN EXISTING ROOF CURB.
- 2 M.C. SHALL REPAIR & PREP EXISTING DUCT FOR CONNECTION TO NEW DUCTWORK.
- 3 E.C. TO SAFE OFF EXHAUST FAN CIRCUIT AND EXTEND POWER WIRING AND CONDUIT AS REQUIRED. M.C. TO EXTEND CONTROL WIRING AS REQUIRED. G.C. TO BE PRESENT WHILE M.C. & E.C. ARE PERFORMING THEIR SCOPE OF WORK.

**PRE-CONSTRUCTION NOTE:**

M.C. TO VERIFY EXISTING VOLTS, PHASE & HERTZ OF EXISTING FANS AND COORDINATE SUBMITTALS WITH EXISTING FIELD VERIFICATIONS. M.C. TO FIELD VERIFY EXISTING CURB DIMENSIONS PRIOR TO REMOVAL OF EXISTING CURBS.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

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PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
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**DWG TITLE**

SECOND FLOOR AND ROOF HVAC  
DEMOLITION PART PLAN - AREA C & D

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**SED No:** 66-14-02-0-004-023

**DISTRICT:** BRIARCLIFF MANOR UFSD

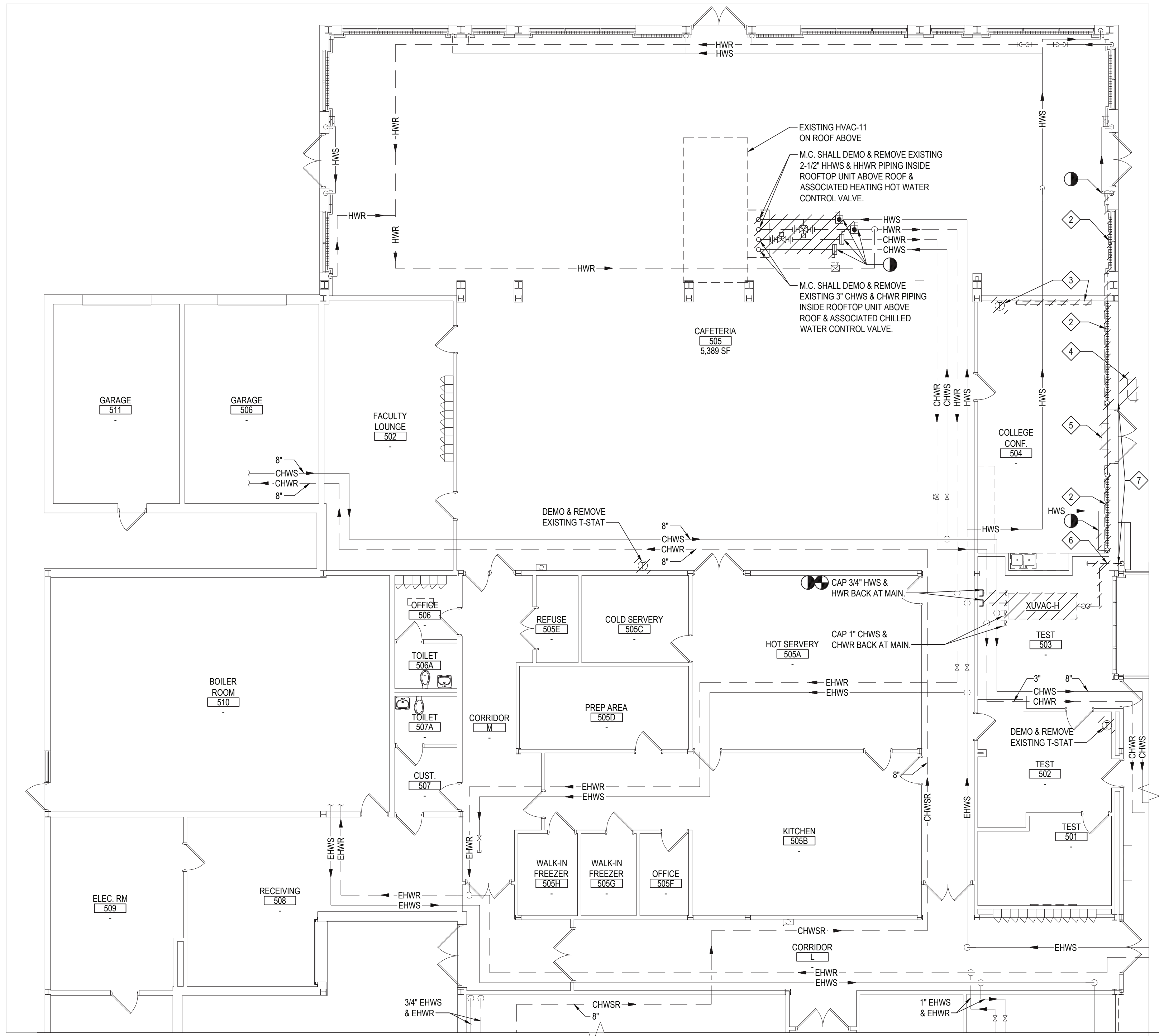
**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** 2ND FLOOR, ROOF HVAC/HVAC  
DEMO PART PLAN - C & D

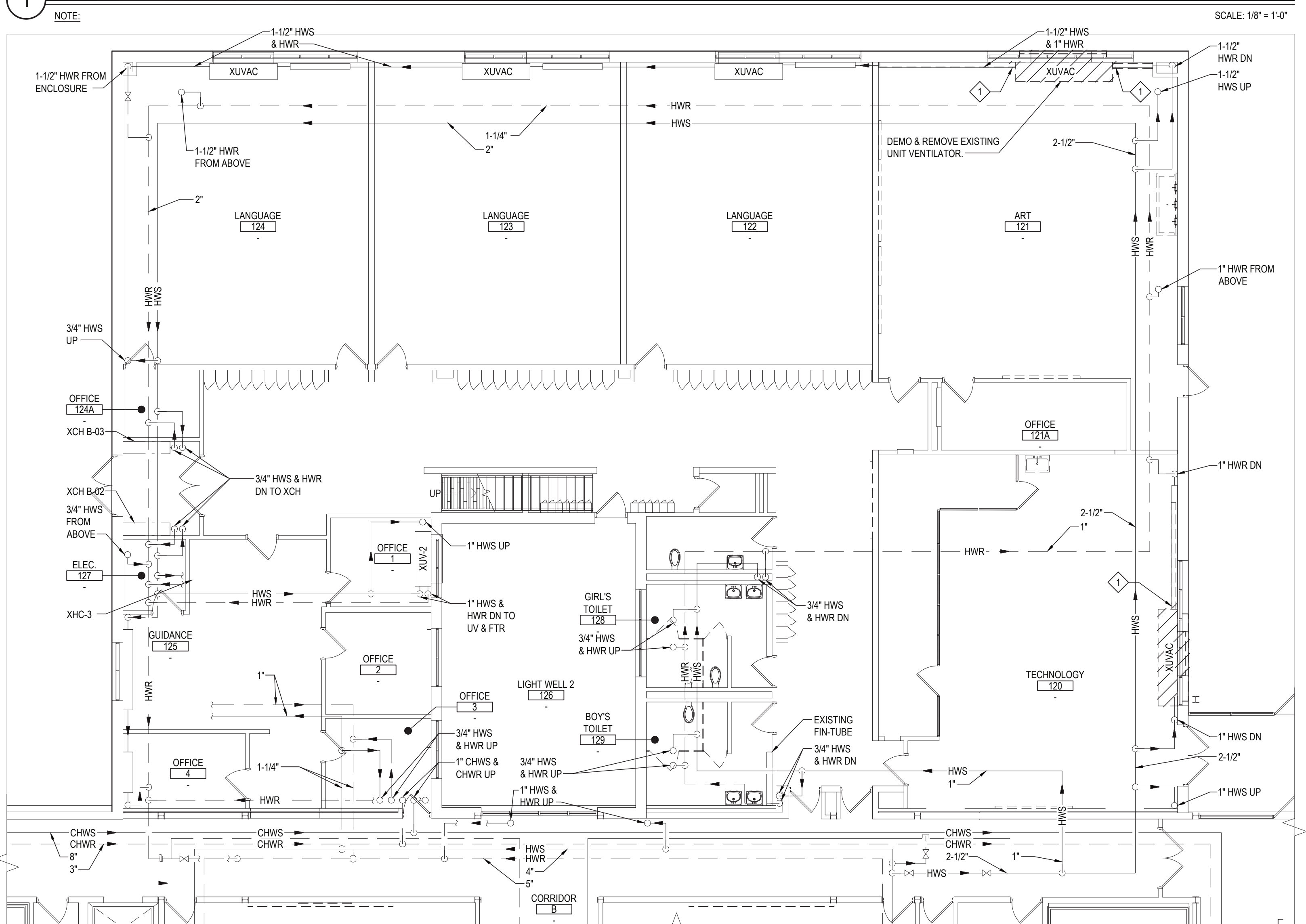
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**DATE:** 7/15/22  
**BID PICK-UP:**  
**FILE No:** 21-274C

**M1.04** **HSMS**

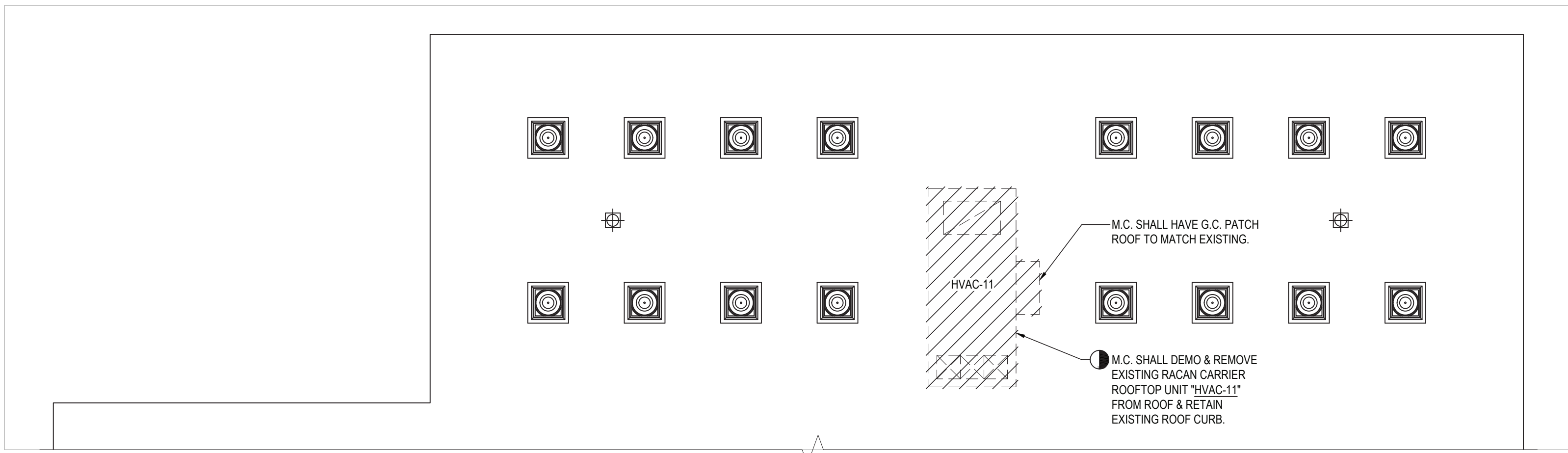




1 GROUND FLOOR DEMOLITION PIPING PART PLAN - AREA "A"



4 GROUND FLOOR DEMOLITION PIPING PART PLAN - AREA "C"



2 ROOF DEMOLITION PIPING PART PLAN - AREA "A"

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

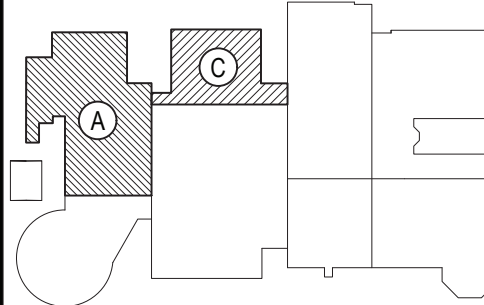
MECHANICAL KEYED DEMOLITION NOTES:

- 1 M.C. TO CUT BACK EXISTING FIN-TUBE AND HOUSING AS REQUIRED TO ALLOW CLEARANCE FOR NEW U.V. INSTALLATION.
- 2 DEMO & REMOVE EXISTING FIN-TUBE RADIATION. CUT HWS & HWR BRANCH PIPING BACK AT MAIN.
- 3 DEMO & REMOVE EXISTING ELECTRIC FIN-TUBE RADIATION & ASSOCIATED T-STAT. M.C. TO COORDINATE REMOVAL WITH E.C.
- 4 DEMO & REMOVE EXISTING ACCU & ASSOCIATED REFRIGERANT PIPING.
- 5 DEMO & REMOVE EXISTING EXISTING SPLIT AC UNIT, ASSOCIATED REFRIGERANT AND CONDENSATE PIPING.
- 6 DEMO & REMOVE EXISTING 1" DR IN ITS ENTIRETY.
- 7 M.C. TO PATCH WALL OPENINGS TO MATCH EXISTING. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

REV.	DATE	ITEM

NOTICE

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KEY PLAN

NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROJECT

DRAWING BY: R.D.P.  
CHECK BY: F.S.

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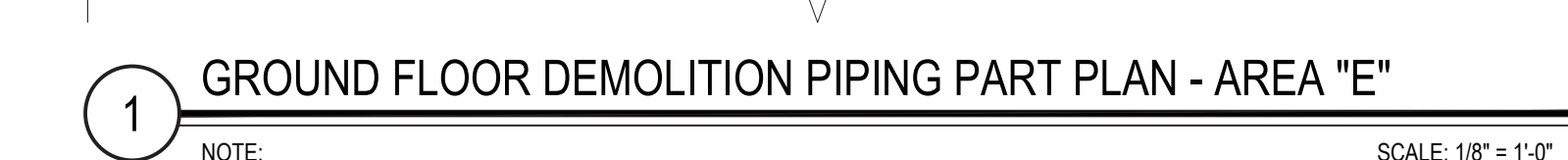
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SED No.	66-14-02-02-004-023
DISTRICT	BRIARCLIFF MANOR UFSD
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG TITLE	DEMOLITION PIPING PART PLAN AREA A & C
SCALE	AS NOTED
DATE	7/15/22
BID PICK-UP	
FILE No.	21-274C

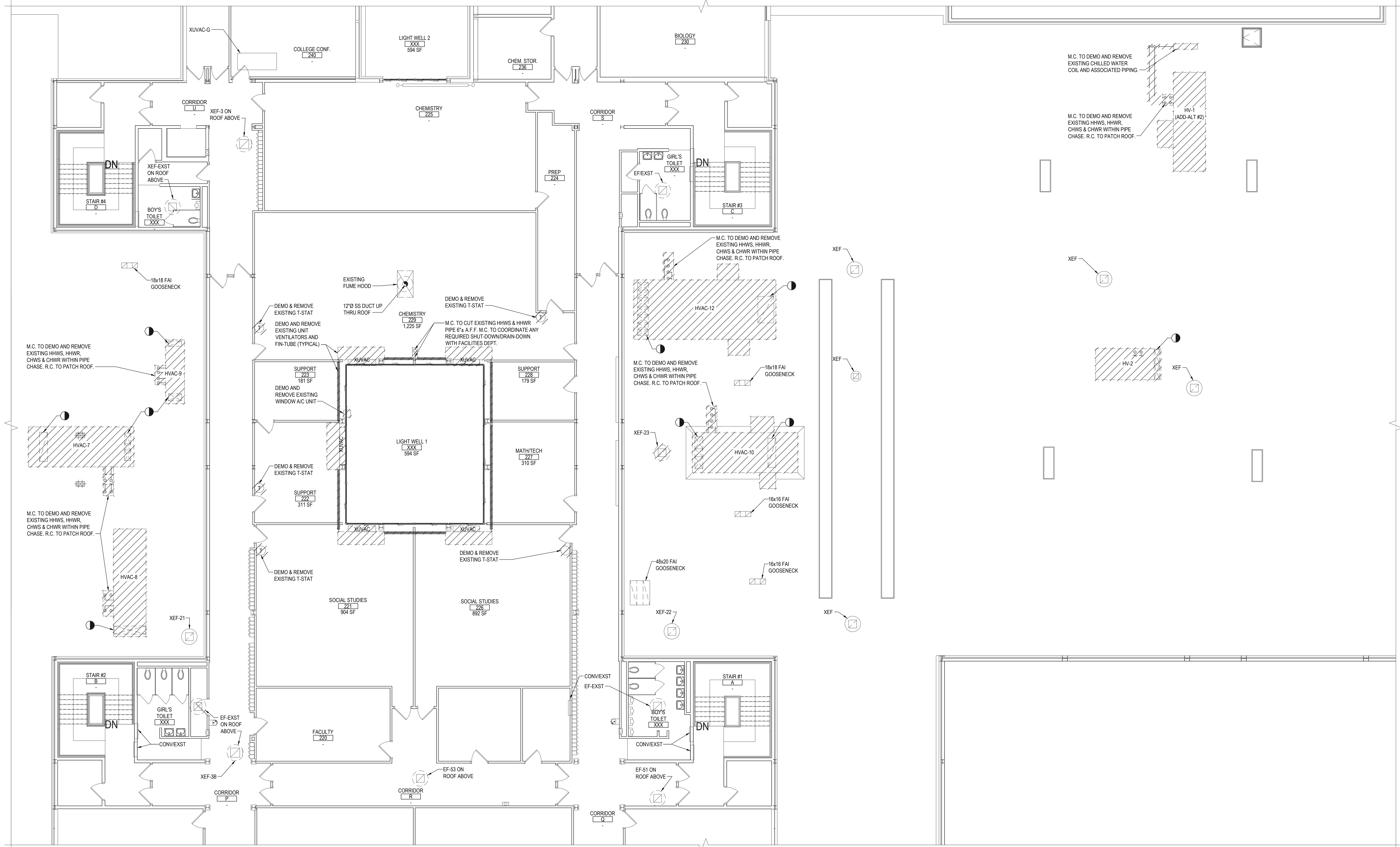
M1.05 HSMS





FILE NO.	21-2740
M1.06	HSM9



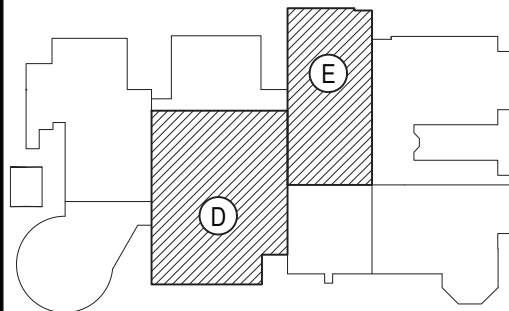


1 SECOND FLOOR AND ROOF DEMOLITION PIPING PART PLAN - AREA "D & E"

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

REV.	DATE	ITEM

NOTICE  
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KEY PLAN  
NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWG TITLE  
SECOND FLOOR AND ROOF DEMOLITION PIPING PART PLAN - AREA D & E

DRAWING BY: R.D.P.  
CHECK BY: F.S.

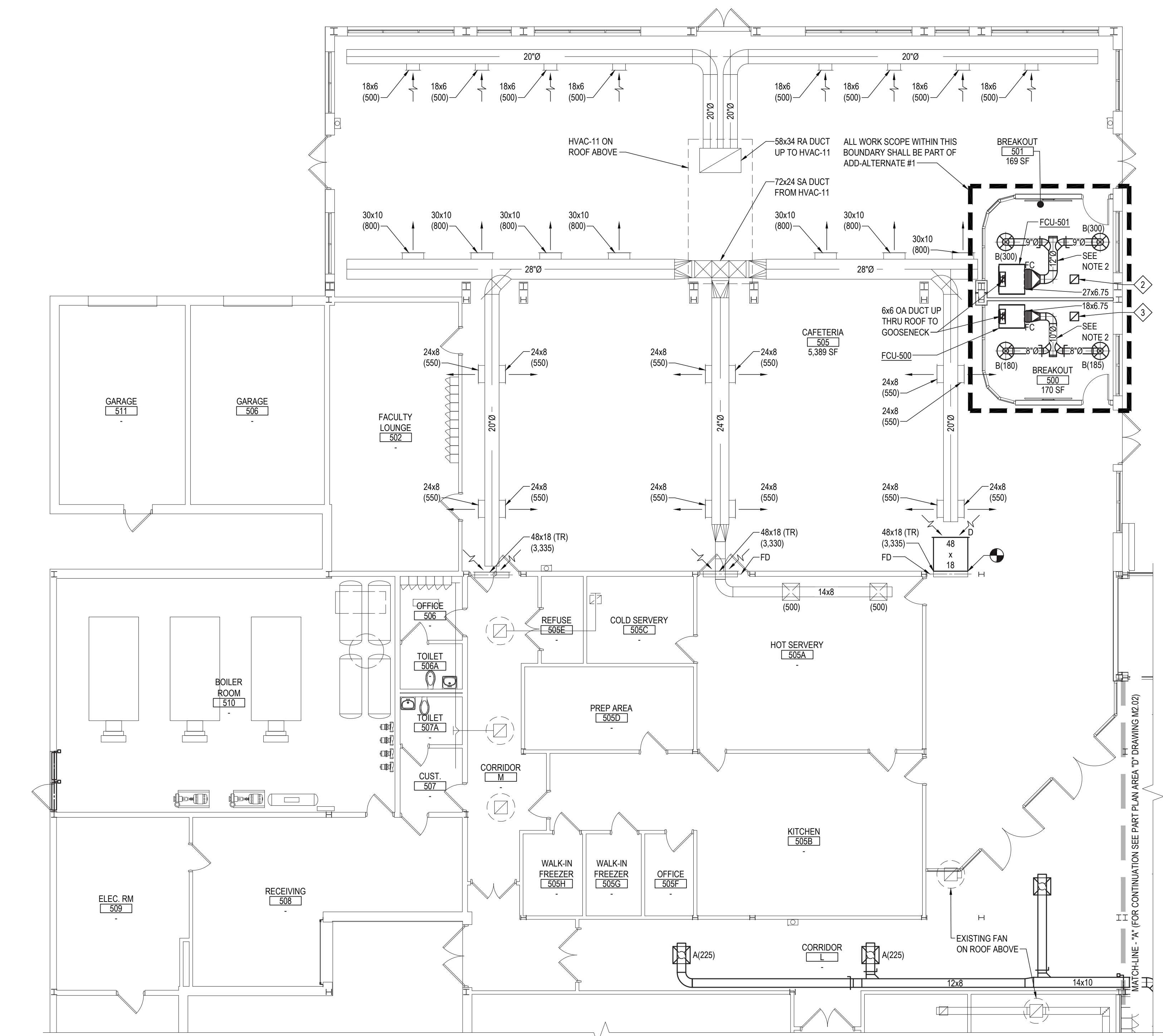
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SED No: 66-14-02-0-004-023  
DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: DEMOLITION ROOF PIPING PART PLAN - AREA D & E  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

M1.07 HSMS

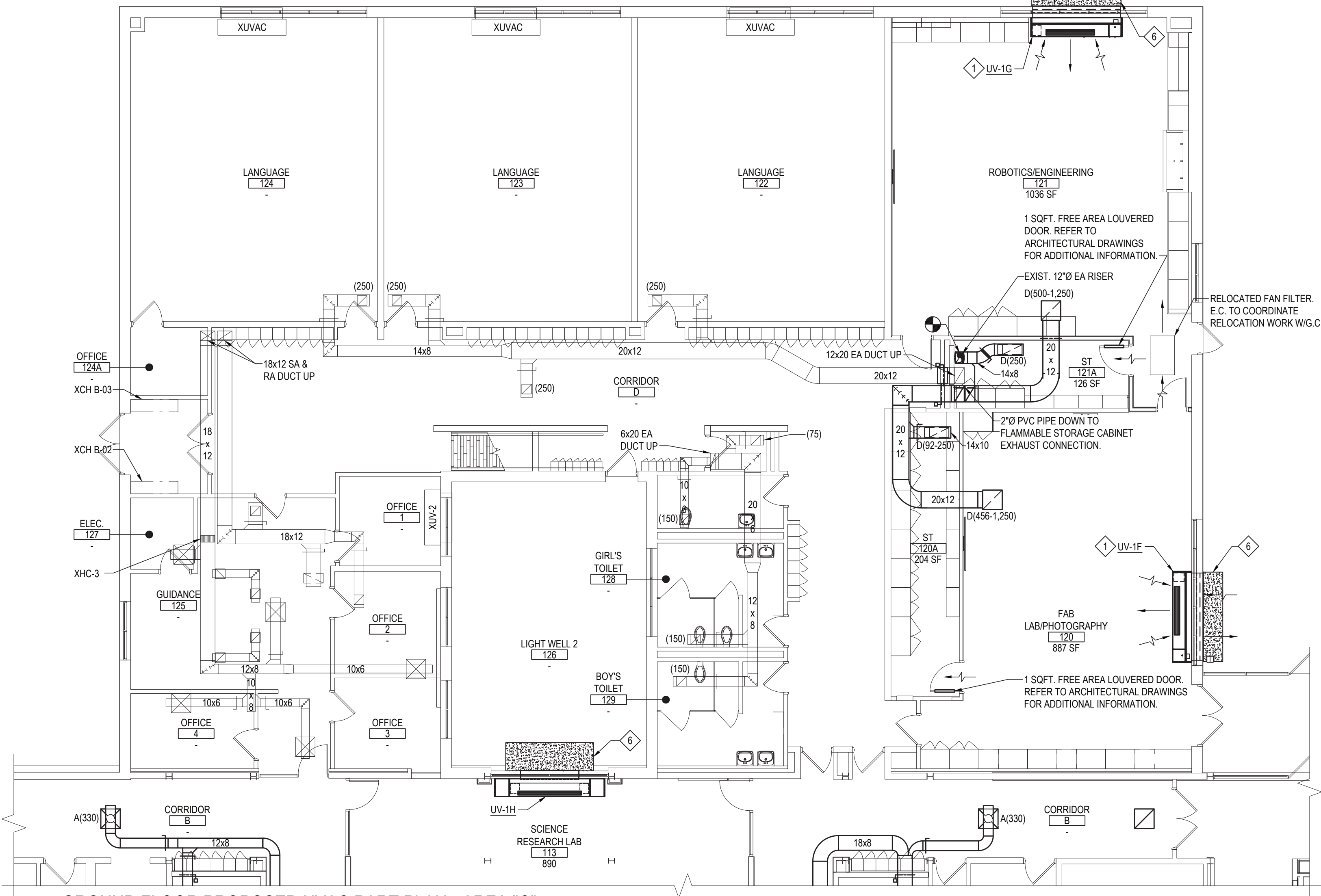




1 GROUND FLOOR PROPOSED HVAC PART PLAN - AREA "A"

NOTE:

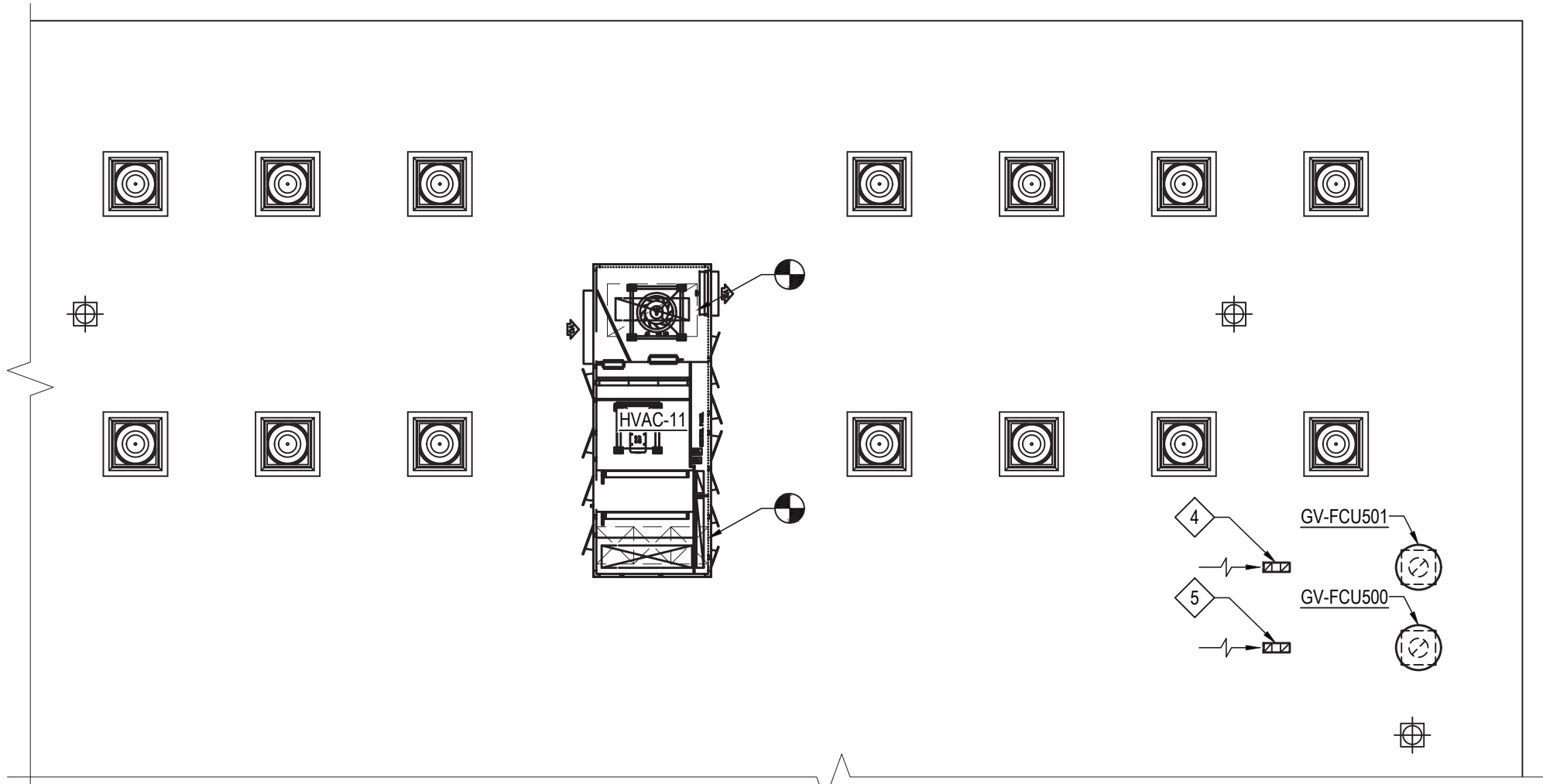
SCALE: 1/8" = 1'-0"



2 GROUND FLOOR PROPOSED HVAC PART PLAN - AREA "C"

NOTE:

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



3 ROOF PROPOSED HVAC PART PLAN - AREA "A"

NOTE:

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

**NEW WORK NOTE:**

ALL EXPOSED SPIRAL ROUND DUCTWORK SHALL BE INTERNALLY LINED. ALL HIDDEN DUCTWORK SHALL BE EXTERNALLY WRAPPED WITH INSULATION. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

- NEW WORK KEYED NOTES:**
- M.C. TO HAVE G.C. EXPAND EXISTING BRICK WALL OPENING (EQUALLY FROM CENTERLINE OF EXISTING OPENING) TO 108x28. M.C. TO FURNISH & INSTALL NEW OUTDOOR AIR INTAKE. NON-FLANGED LOUVER. REFER TO SCHEDULES & DETAILS ON DRAWING M6.05 FOR ADDITIONAL INFORMATION. M.C. TO INSTALL NEW UNIT VENTILATOR SHOWN & CENTER IT WITH EXISTING OUTSIDE AIR INTAKE/DISCHARGE OPENING ON EXTERIOR WALL SHOWN. NEW UNIT VENTILATOR SHALL BE A FACE-AND-BYPASS DAMPER TYPE. M.C. TO PROVIDE 10" LENGTH 18-GAUGE FIN TUBE COVERS ON EACH SIDE OF NEW UNIT VENTILATOR. M.C. TO VERIFY ALL DIMENSIONS PRIOR TO START OF ANY WORK. REFER TO SCHEDULES, DETAILS AND MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
  - 12x12 RELIEF AIR DUCT UP THRU ROOF TO GRAVITY VENTILATOR GV-FCU501. TERMINATE ±1'-0" BELOW UNDERSIDE OF DECK W/MS.
  - 12x12 RELIEF AIR DUCT UP THRU ROOF TO GRAVITY VENTILATOR GV-FCU500. TERMINATE ±1'-0" BELOW UNDERSIDE OF DECK W/MS.
  - 6x6 OA DUCT DN THRU ROOF TO FCU-501. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
  - 6x6 OA DUCT DN THRU ROOF TO FCU-500. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
  - CONCRETE PAD (REFER TO ARCH. DRAWINGS FOR ADDITIONAL INFORMATION)

- MECHANICAL NOTES:**
- UNLESS NOTED OTHERWISE, ALL BRANCH DUCTS SERVING AIR DEVICES SHALL BE 12x6
  - M.C. SHALL PAINT ALL EXPOSED AND PARTIALLY EXPOSED DUCTS ABOVE OPEN SLAT CEILINGS/ DUCT INSULATION. COORDINATE DUCT INSULATION TO BE PAINTED WITH ARCHITECT APPROVED REFLECTED CEILING PLANS. PAINT COLOR AND TYPE TO BE SPECIFIED BY ARCHITECT OF RECORD. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PROPOSED HVAC PLAN - AREA A & C

**DRAWING BY:** R.D.P.  
**CHECK BY:** F.S.

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**SED No:** 66-14-02-02-0-004-023

**DISTRICT:** BRIARCLIFF MANOR UFSD

**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** PROPOSED HVAC PLAN AREA A & C

**SCALE:** AS NOTED

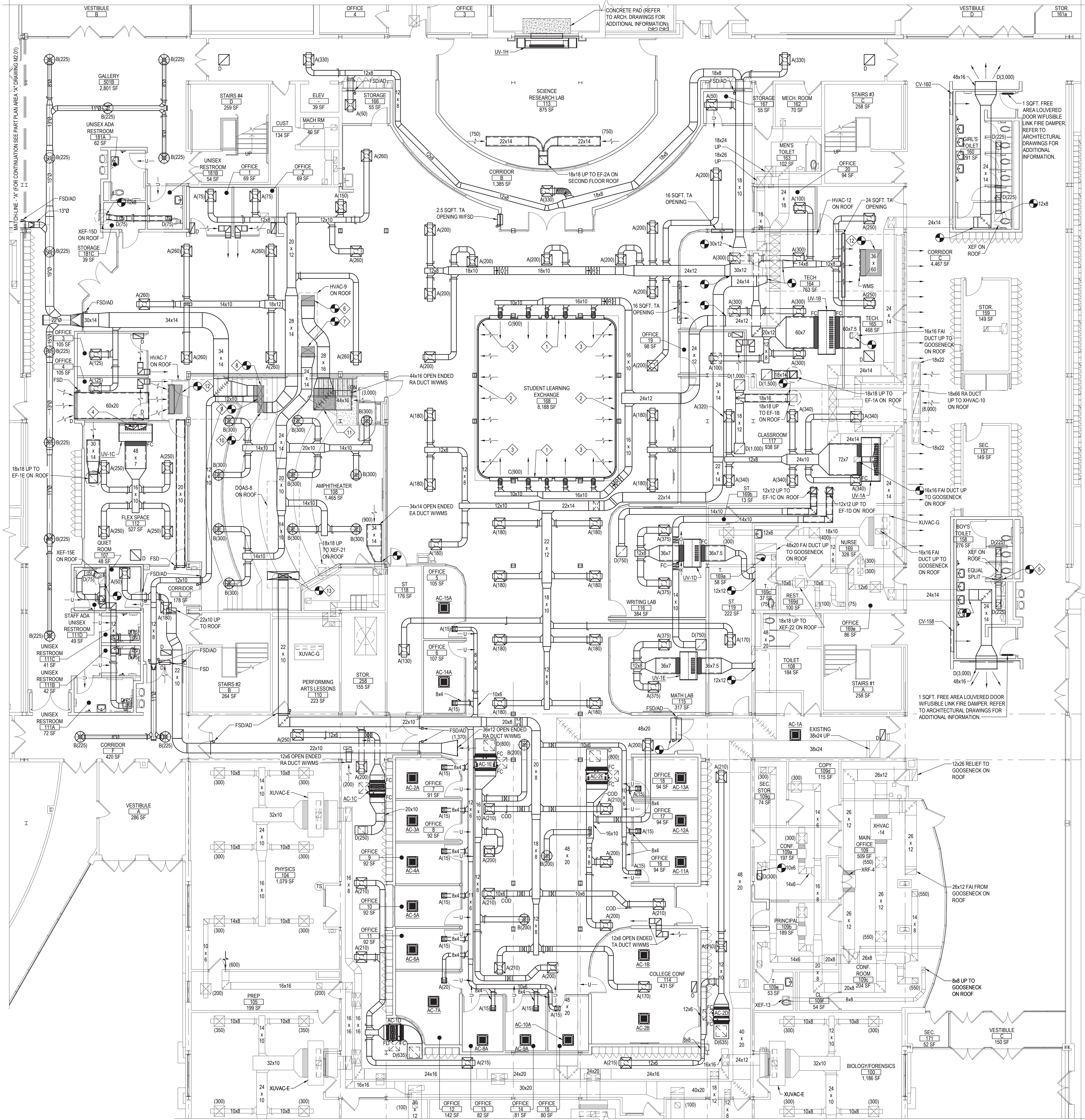
**DATE:** 7/15/22

**BID PICK-UP:**

**FILE No:** 21-274C

**M2.01** **HSMS**





KEYED MECHANICAL NOTES:

- 1 21'-10 3/4" LONG CONTINUOUS SUPPLY AIR, LINEAR SLOT DIFFUSER, W/18'-0" ACTIVE LENGTH @ 50 CFM/FT. SHADED AREA INDICATES BLACK, BLANK-OFF PLATE INSTALLED BEHIND INACTIVE PORTION OF LINEAR. REFER TO LINEAR PATTERN CONTROLLER NOTE BELOW.
- 2 25'-11" LONG CONTINUOUS RETURN AIR, LINEAR SLOT DIFFUSER
- 3 CONTINUOUS LINEAR DIFFUSERS - FACTORY CURVED MITER CORNERS TO BE FURNISHED BY ANEMOSTAT.
- 4 18x16 OA DUCT UP THRU ROOF TO GOOSENECK.
- 5 CONNECT TO EXISTING 18x18 BELOW UNDERSIDE OF DECK, TRANSITION TO 12x12 IN DROP.
- 6 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 30x12 RA DUCT UP TO HVAC-9 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 7 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 30x16 SA DUCT UP TO HVAC-9 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 8 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 14x24 (ZONE 1) SA DUCT UP TO HVAC-7 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 9 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 14x14 (ZONE 2) SA DUCT UP TO HVAC-7 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 10 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 14x24 (ZONE 3) SA DUCT UP TO HVAC-7 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 11 SHADED AREA REPRESENTS 44x16 RA DUCT SILENCER ELBOW. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 12 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 16x8 RA DUCT UP TO HVAC-7 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 13 SHADED AREA REPRESENTS DUCT SILENCER ELBOW TO BE CONNECTED TO EXISTING 22x10 SA DUCT UP TO DOCK-8 ON ROOF. REFER TO SCHEDULES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MECHANICAL NOTES:

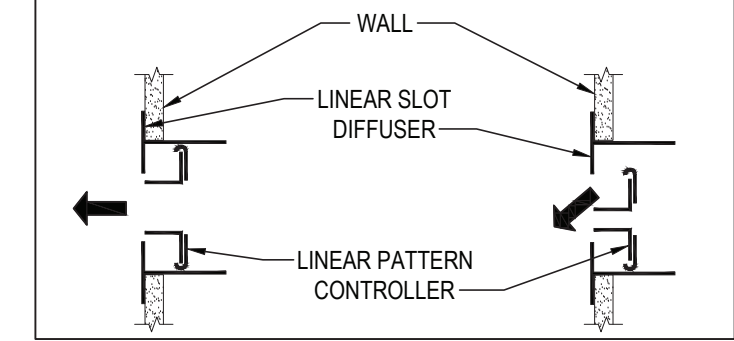
- 1. UNLESS NOTED OTHERWISE, ALL BRANCH DUCTS SERVING AIR DEVICES SHALL BE 12x6
- 2. M.C. SHALL PAINT ALL EXPOSED AND PARTIALLY EXPOSED (DUCTS ABOVE OPEN SLAT CEILINGS) DUCT INSULATION, COORDINATE DUCT INSULATION TO BE PAINTED WITH ARCHITECT APPROVED REFLECTED CEILING PLANS. PAINT COLOR AND TYPE TO BE SPECIFIED BY ARCHITECT OF RECORD. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

NEW WORK NOTE:

ALL EXPOSED SPIRAL ROUND DUCTWORK SHALL BE INTERNALLY LINED. ALL HIDDEN DUCTWORK SHALL EXTERNALLY WRAPPED WITH INSULATION. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LINEAR PATTERN CONTROLLER NOTES:

- 1. M.C. TO ADJUST (SUPPLY AIR) LINEAR SLOT DIFFUSER, PATTERN CONTROLLERS AS SHOWN, (ALTERNATING EACH 2'-0" SECTION) BETWEEN HORIZONTAL THROW AND 45° DOWNWARD THROW PATTERNS.



1 GROUND FLOOR PROPOSED HVAC PART PLAN - AREA "D"

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

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE

PROPOSED HVAC PLAN - AREA D

DRAWING BY: R.D.P.  
CHECK BY: F.S.

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SED No: 66-14-02-0-004-023

DISTRICT: BRIARCLIFF MANOR UFSD

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG TITLE: PROPOSED HVAC PLAN AREA D

SCALE: AS NOTED

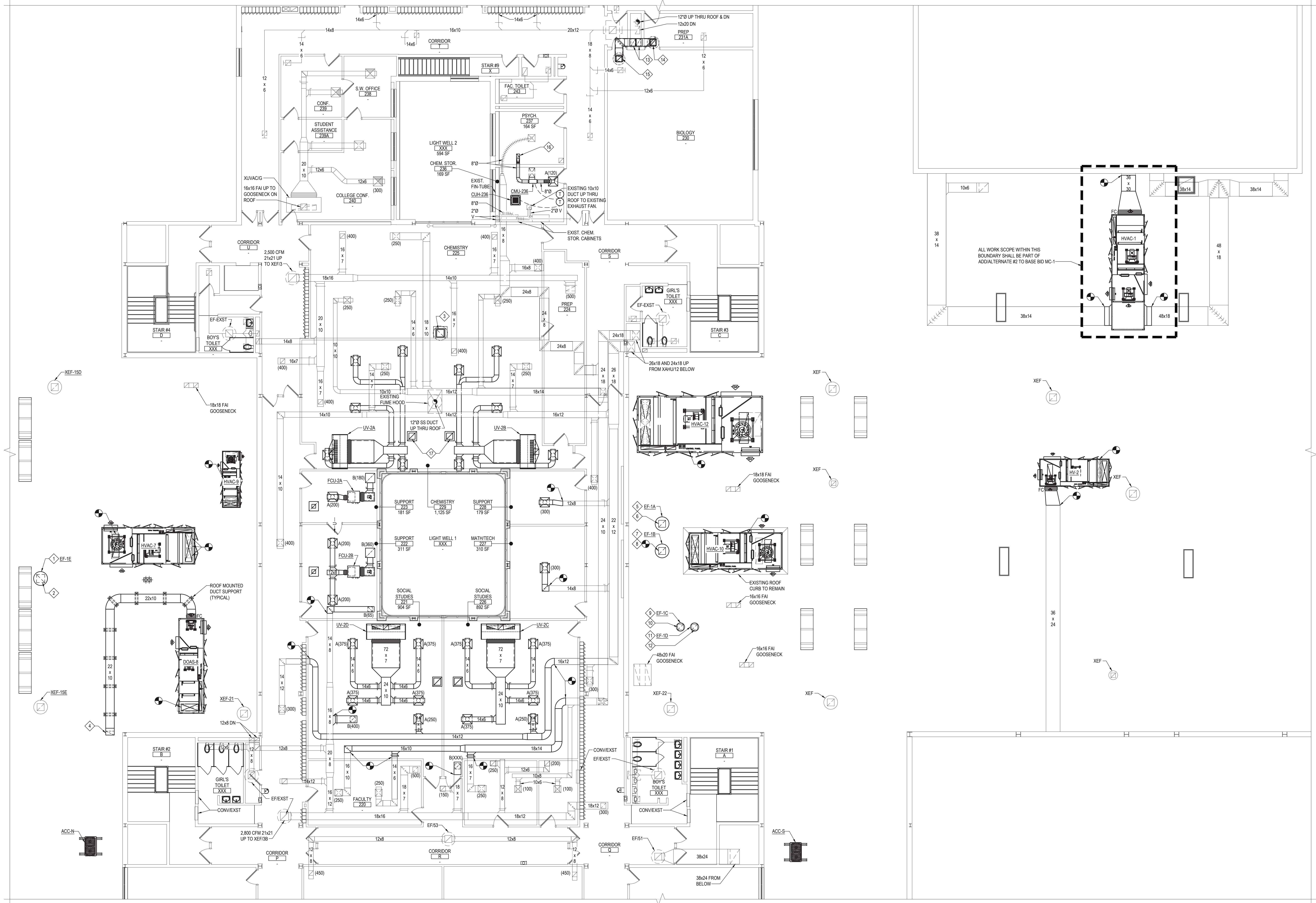
DATE: 7/15/22

BID PICK UP: 21-274C

FILE No: 21-274C

M2.02 HSMS





1 PROPOSED HVAC SECOND FLOOR AND ROOF PART PLAN - AREA "D & E"

- NOTE:
- KEYED MECHANICAL NOTES:
- M.C. TO FURNISH & INSTALL NEW EXHAUST FAN (EF-1B). M.C. TO FURNISH NEW ROOF CURB TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
  - 18x18 A.L. EA DUCT DN THRU ROOF, (FOR CONTINUATION, SEE DRAWING M2.02).
  - 18x18 A.L. EA DUCT UP THRU ROOF & DOWN THRU SLAB, (FOR CONTINUATION, SEE DRAWING M2.02).
  - 22x10 RA DUCT DN THRU EXISTING ROOF OPENING. M.C. TO PROVIDE R.C. WITH 18" HIGH INSULATED CURB. R.C. TO INSTALL. M.C. TO HAVE R.C. PATCH REMAINING UNUSED PORTION OF OPENING TO MATCH EXISTING ROOF AND FLASH NEW DUCTWORK.
  - M.C. TO FURNISH & INSTALL NEW EXHAUST FAN (EF-1A). M.C. TO FURNISH NEW ROOF CURB TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
  - 18x18 A.L. EA DUCT DN THRU ROOF, (FOR CONTINUATION, SEE DRAWING M2.02).
  - M.C. TO FURNISH & INSTALL NEW EXHAUST FAN (EF-1B) ON EXISTING ROOF CURB. M.C. TO FURNISH NEW ROOF CURB ADAPTER. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
  - M.C. EXTEND EXISTING 18x18 A.L. EA DUCT AS REQUIRED, (FOR CONTINUATION, SEE DRAWING M2.02).
  - M.C. TO FURNISH & INSTALL NEW EXHAUST FAN (EF-1C). M.C. TO FURNISH NEW ROOF CURB TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
  - 12x12 A.L. EA DUCT DN THRU ROOF, (FOR CONTINUATION, SEE DRAWING M2.02).
  - M.C. TO FURNISH & INSTALL NEW EXHAUST FAN (EF-1D). M.C. TO FURNISH NEW ROOF CURB TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
  - 12x12 A.L. EA DUCT DN THRU ROOF, (FOR CONTINUATION, SEE DRAWING M2.02).
  - 12x20 ACOUSTICALLY LINED EA DUCT DN THRU EXISTING SHAFT TO GROUND FLOOR. (FOR CONTINUATION, SEE DRAWING M2.01).
  - 16x16 ACOUSTICALLY LINED EA DUCT UP THRU ROOF TO EF-2B, (FOR CONTINUATION, SEE DRAWING M2.01).
  - 16x16 ACOUSTICALLY LINED EA DUCT UP THRU ROOF TO EF-2A, (FOR CONTINUATION, SEE DRAWING M2.01).
  - 18x18 DA DUCT UP THRU ROOF TO GOOSENECK, (FOR CONTINUATION, SEE DRAWING M3.03).
  - 16x16 DA DUCT UP THRU ROOF TO GRAVITY VENTILATOR, (FOR CONTINUATION, SEE DRAWING M3.03).

NEW WORK NOTE:

ALL EXPOSED SPIRAL ROUND DUCTWORK SHALL BE INTERNALLY LINED. ALL HIDDEN DUCTWORK SHALL BE EXTERNALLY WRAPPED WITH INSULATION. REFER TO MECHANICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE

PROPOSED HVAC SECOND FLOOR AND ROOF PART PLAN - AREA D & E

DRAWING BY:	R.D.P.
CHECK BY:	F.S.

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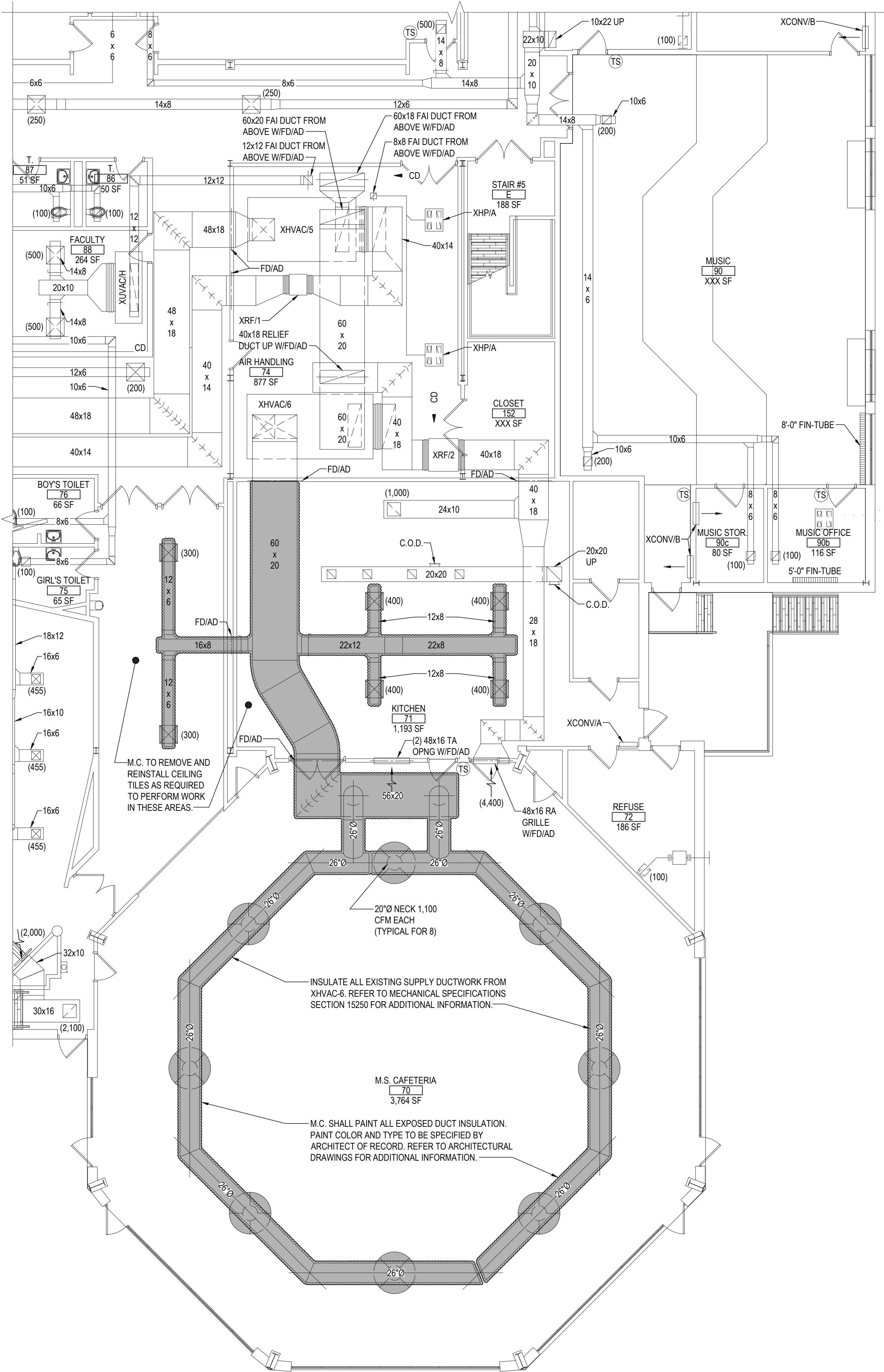
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SED No.	66-14-02-0-004-023
DISTRICT	BRIARCLIFF MANOR UFSD
PROJECT	PHASE 2 BOND IMPROVEMENTS
DWG TITLE	PROPOSED HVAC ROOF PLAN AREA D & E
SCALE	AS NOTED
DATE	7/15/22
BID PICK-UP	
FILE No.	21-274C

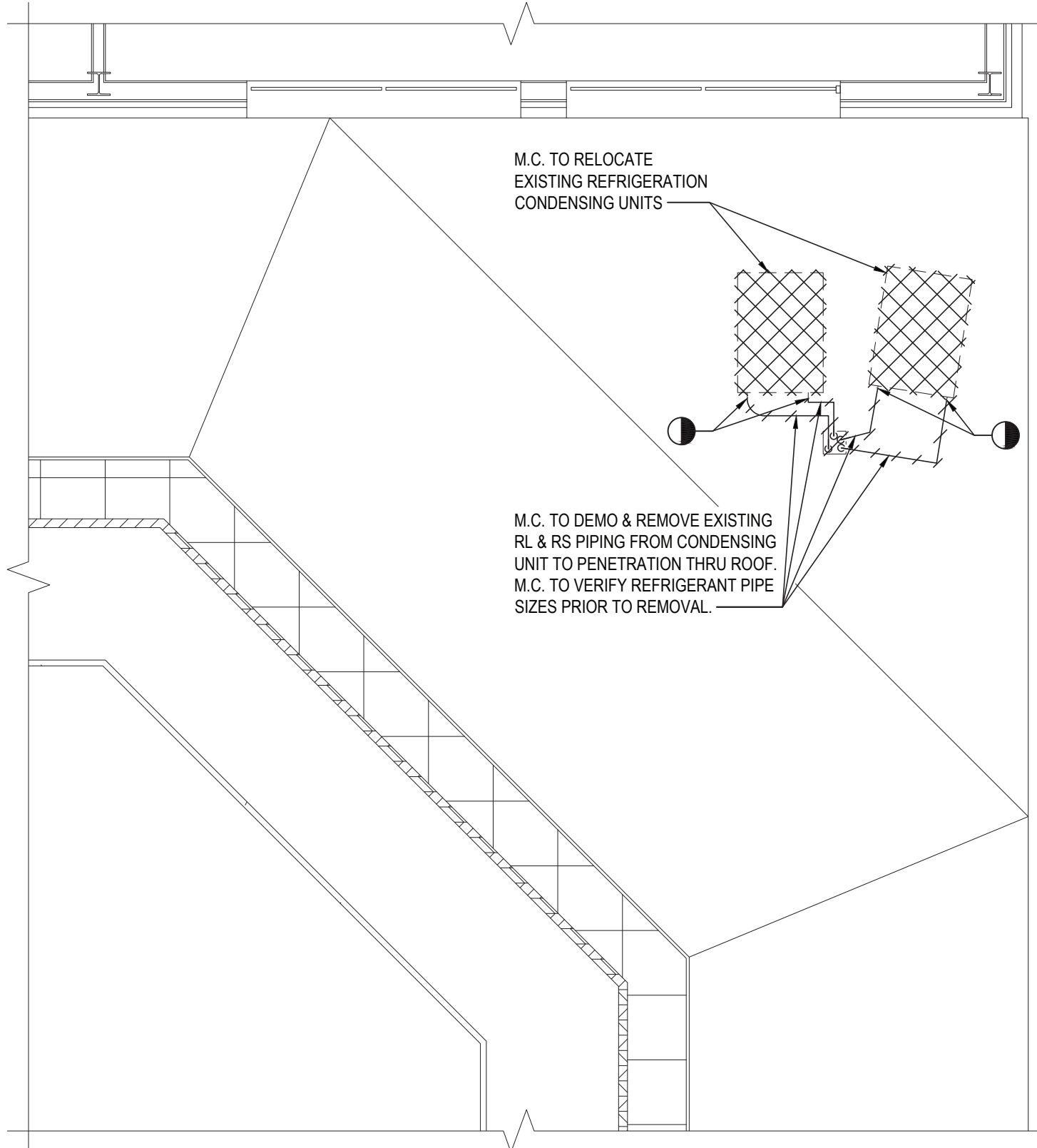
M2.03	HSMS
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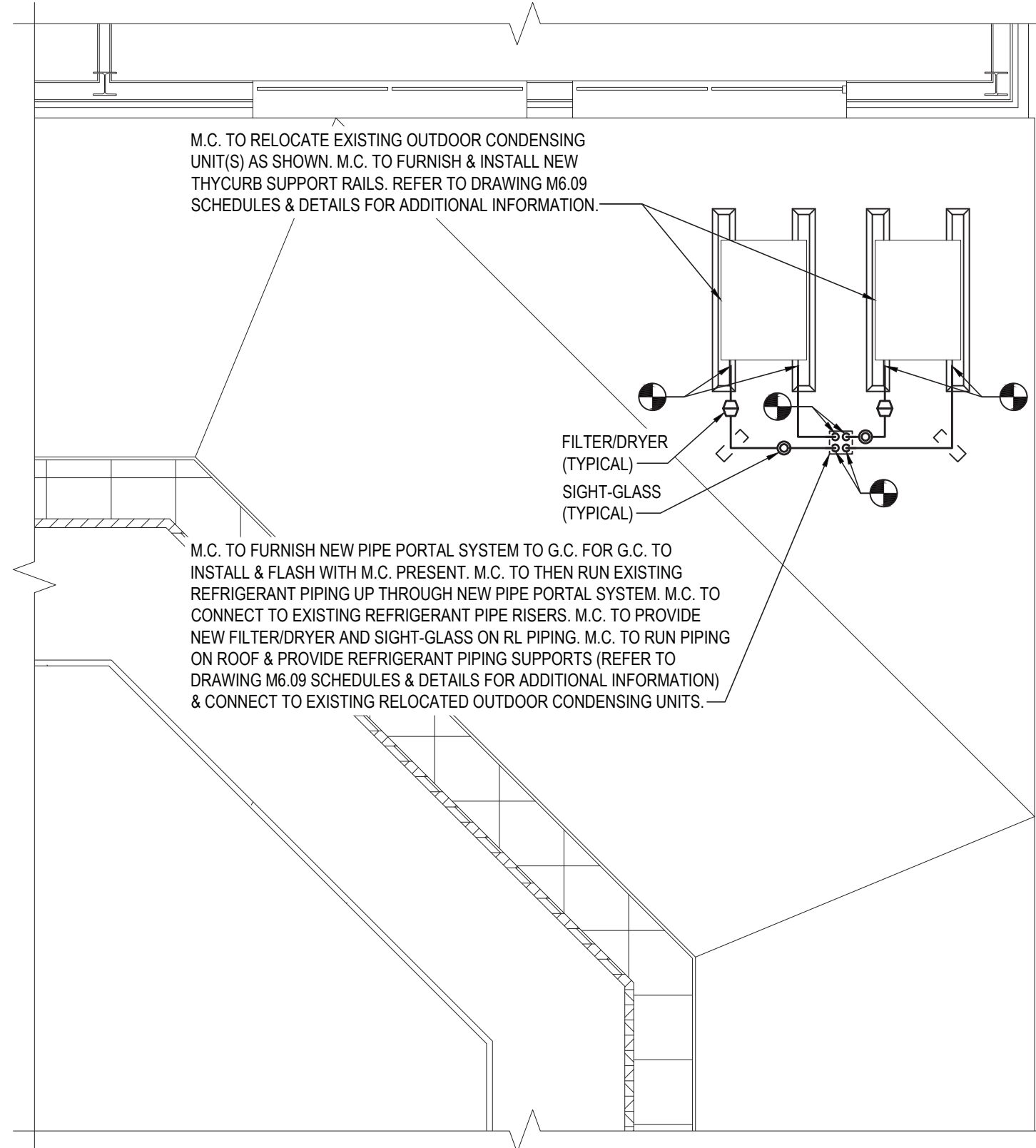
PROPOSED HVAC PART PLAN - AREA "H"

NOTE: ALL DUCTWORK SHOWN IS EXISTING. SCALE: 1/8" = 1'-0"



DEMOLITION HVAC PART PLAN - AREA "H" - ROOF

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



PROPOSED HVAC PART PLAN - AREA "H" - ROOF

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

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
DEMOLITION AND PROPOSED  
HVAC PLAN - AREA H

DRAWING BY: R.D.P.  
CHECK BY: F.S.

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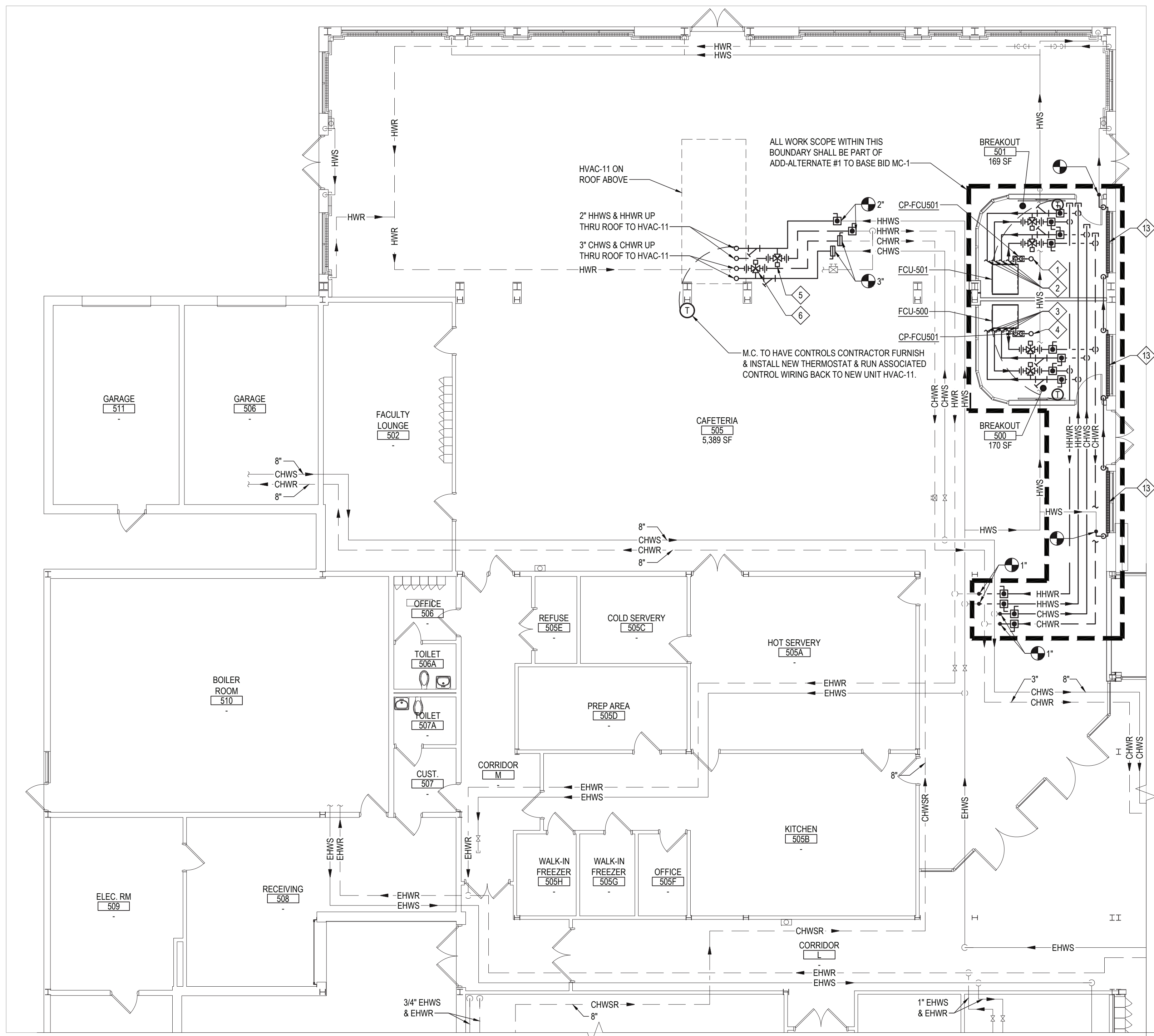
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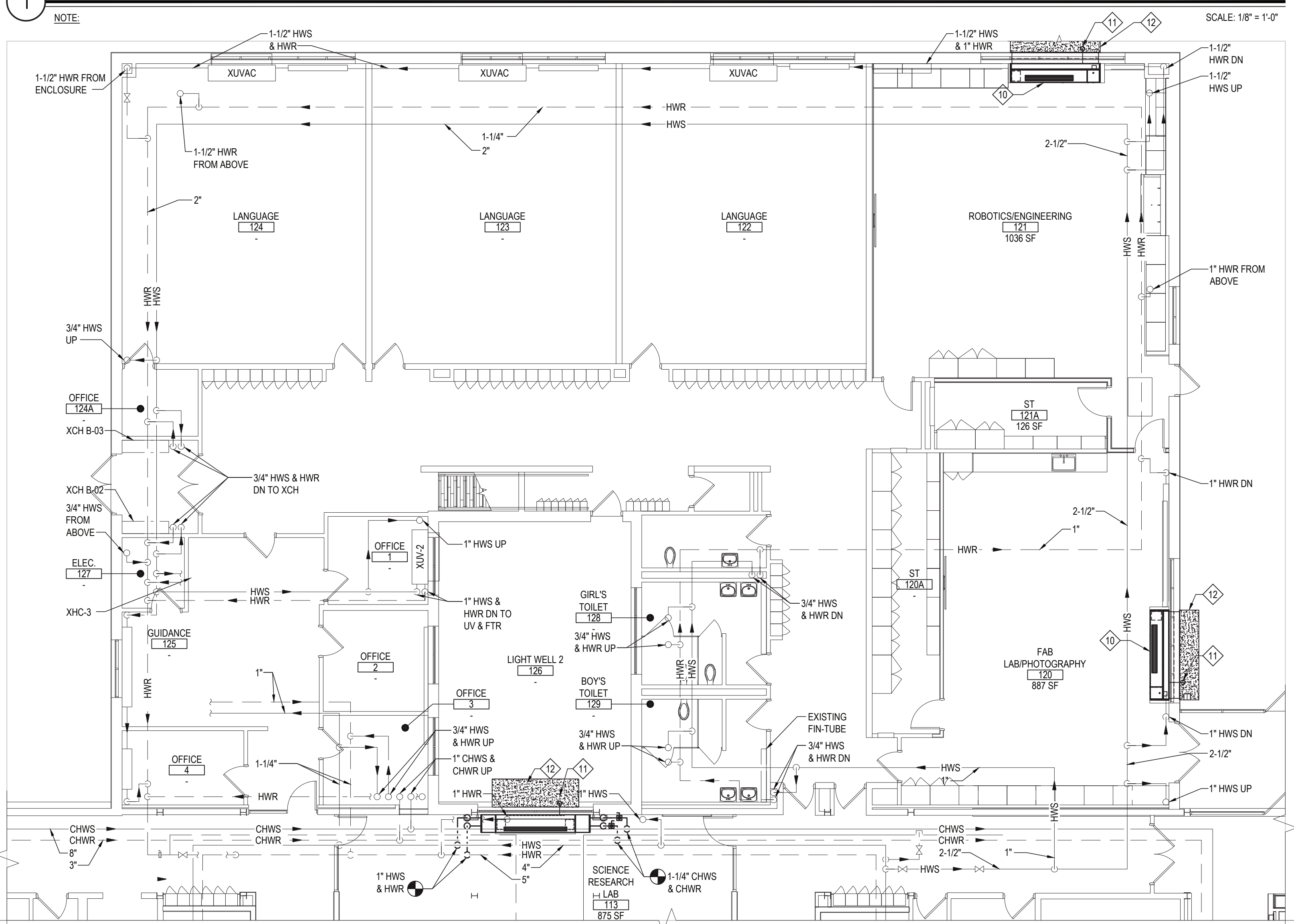
SED No: 66-14-02-02-0-004-023  
DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: DEMOLITION AND PROPOSED HVAC PLAN - AREA H  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

M2.04 HSMS

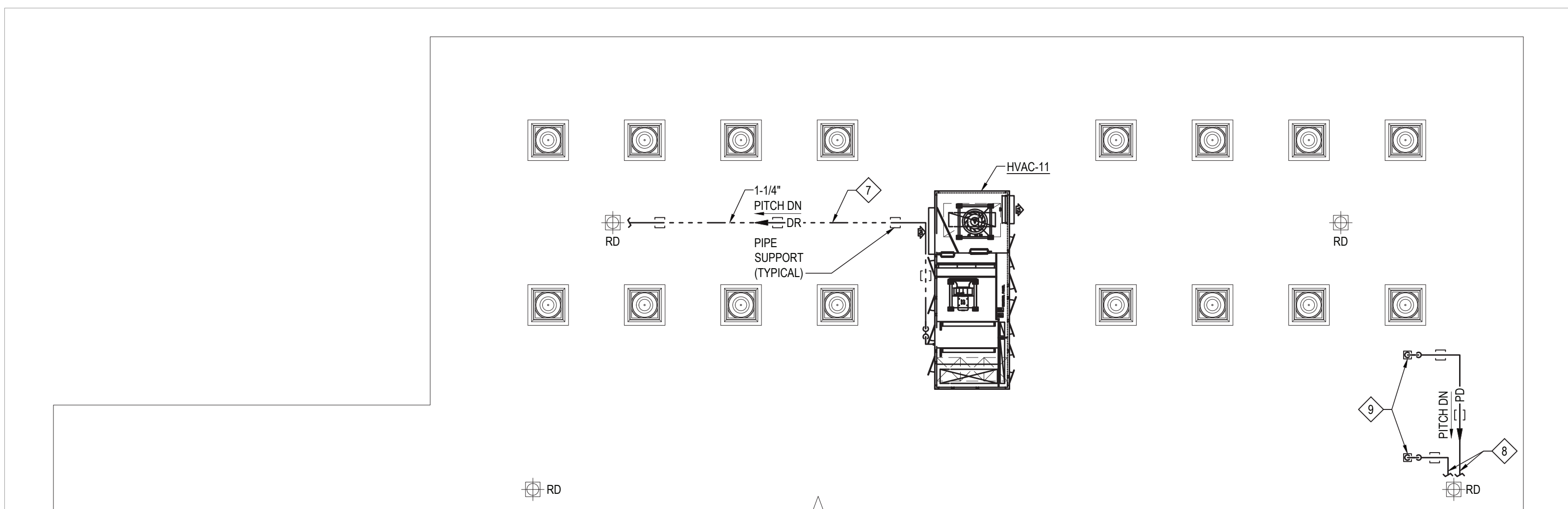




1 GROUND FLOOR PROPOSED PIPING PART PLAN - AREA "A"



4 GROUND FLOOR PROPOSED PIPING PART PLAN - AREA "C"



2 ROOF PROPOSED PIPING PART PLAN - AREA "A"

- NOTE:
- KEYED MECHANICAL NOTES:
- 3/4" PD UP THRU ROOF.
  - 3/4" CHWS, CHWR, HHWS & HHWR TO FCU-501.
  - 3/4" PD UP THRU ROOF.
  - 3/4" CHWS, CHWR, HHWS & HHWR TO FCU-501.
  - M.C. TO HAVE CONTROLS CONTRACTOR FURNISH & INSTALL NEW DDC HOT WATER CONTROL VALVE FOR HVAC-11. REFER TO SCHEDULES, DETAILS AND SPECIFICATIONS FOR FURTHER DETAILS.
  - M.C. TO HAVE CONTROLS CONTRACTOR FURNISH & INSTALL NEW DDC CHILLED WATER CONTROL VALVE FOR HVAC-11. REFER TO SCHEDULES, DETAILS AND SPECIFICATIONS FOR FURTHER DETAILS.
  - M.C. TO RUN 1-1/4" CONDENSATE DRAIN (DR) TO NEAREST ROOF DRAIN. NEW CONDENSATE PIPING SHALL BE COPPER TUBING TYPE K HARD. PITCH VIA 1/8" VERTICAL DISTANCE FOR EVERY ONE FOOT HORIZONTAL DISTANCE.
  - M.C. TO RUN 3/4" CONDENSATE PUMP DISCHARGE (PD) TO NEAREST ROOF DRAIN. NEW CONDENSATE PIPING SHALL BE COPPER TUBING TYPE K HARD. PITCH VIA 1/8" VERTICAL DISTANCE FOR EVERY ONE FOOT HORIZONTAL DISTANCE.
  - M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW CONDENSATE DISCHARGE PIPING UP THROUGH NEW PIPE PORTAL SYSTEM & RUN PIPING ON ROOF & PROVIDE PIPING SUPPORTS (REFER TO DRAWING M6.09 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION).
  - M.C. TO INSTALL NEW SELF-CONTAINED UNIT VENTILATOR SHOWN & CENTER IT WITH EXISTING OUTSIDE AIR INTAKE/DISCHARGE OPENING ON EXTERIOR WALL SHOWN. G.C. TO EXPAND EXISTING WALL OPENING AS REQUIRED TO ALLOW INSTALLATION OF NEW UNIT VENTILATOR. M.C. TO ALSO INSTALL NEW 1-1/4" HWS & 1-1/2" HWR PIPING PASSING BEHIND NEW UNIT VENTILATOR WIDTH INSIDE THE FULL ADAPTOR BACK OF NEW UNIT VENTILATOR. M.C. TO INSTALL NEW 1" HWS & HWR BRANCH PIPING GOING TO NEW UNIT VENTILATOR HOT WATER COIL. NEW UNIT VENTILATOR SHALL BE A FACE-AND-BYPASS DAMPER TYPE. M.C. TO ALSO PROVIDE 10" LENGTH 18-GAUGE FIN TUBE COVERS ON EACH SIDE OF NEW UNIT VENTILATOR. M.C. TO VERIFY ALL DIMENSIONS PRIOR TO START OF ANY WORK. ALL EXISTING CABINETRY TO REMAIN IN PLACE. EXISTING RELIEF AIR SYSTEM SHALL REMAIN & BE RE-USED. REFER TO SCHEDULES & DETAILS ON DRAWING M6.02 FOR ADDITIONAL INFORMATION.
  - M.C. TO RUN NEW 3/4" TYPE K HARD COPPER PIPING FOR CONDENSATE DRAIN LINE VIA GRAVITY OUT OF EXTERIOR WALL AS SHOWN WITH TAMPER RESISTANT SCREEN ON DISCHARGE OPENING. G.C. TO CUT OPENING FOR 3/4" CONDENSATE DRAIN PIPING WITH M.C. PRESENT.
  - CONCRETE PAD (REFER TO ARCH. DRAWINGS FOR ADDITIONAL INFORMATION)
  - 7'-0" ACTIVE LENGTH FINE-TUBE RADIATION, (800 BTULF). PEDESTAL TYPE ENCLOSURE. REFER TO SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

DRAWING BY: R.D.P.  
CHECK BY: F.S.

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SED No. 66-14-02-02-004-023

DISTRICT BRIARCLIFF MANOR UFSD

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PROPOSED PIPING PLAN AREA A & C

SCALE: AS NOTED

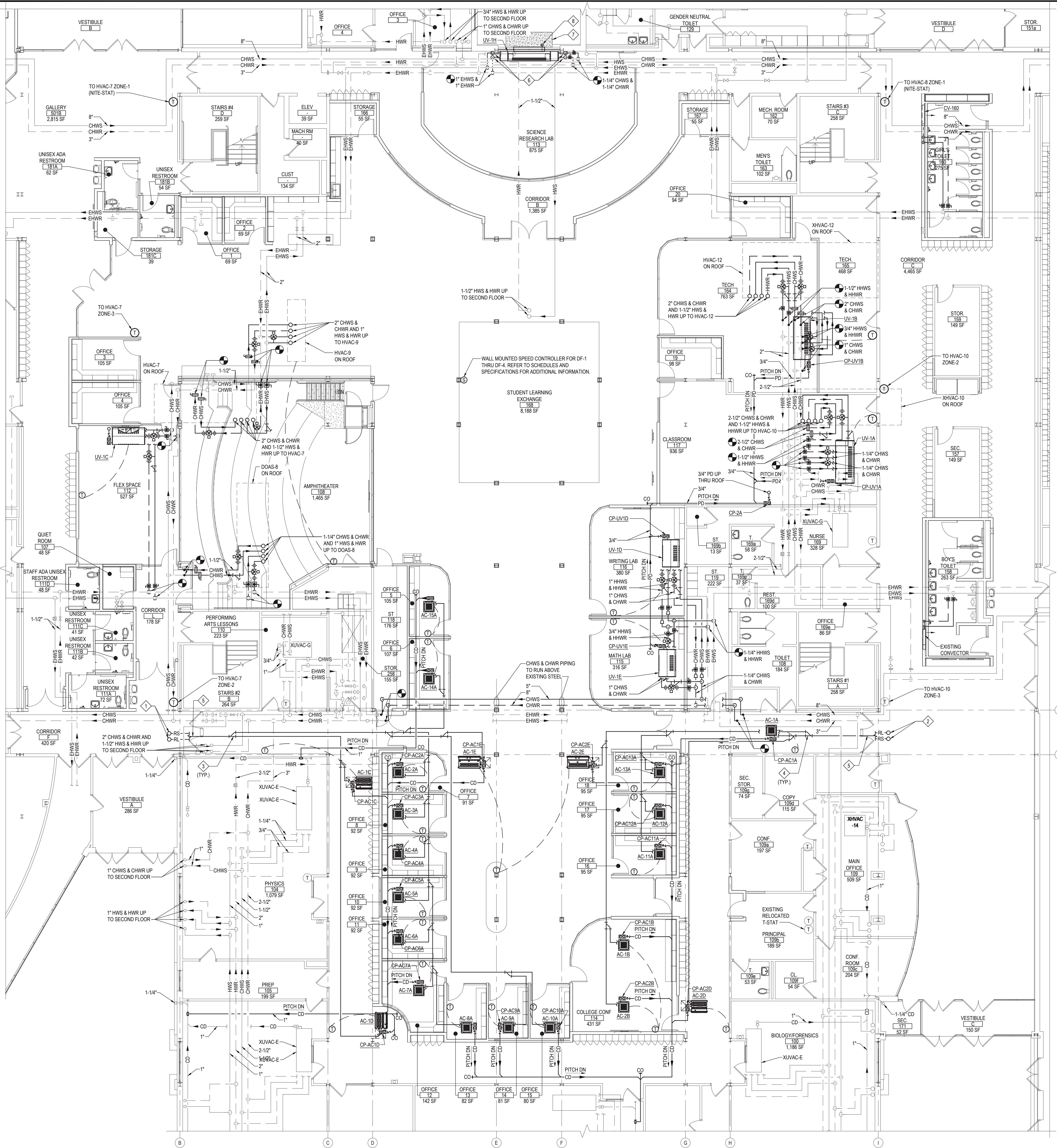
DATE: 7/15/22

BID PICK-UP:

FILE No: 21-274C

M3.01 HSMS





- KEYED MECHANICAL NOTES:**
- 1/2" RL & 1-1/8" RS UP THRU ROOF TO ACC-N.
  - 1/2" RL & 1-1/8" RS UP THRU ROOF TO ACC-S.
  - REFRIGERANT Y-BRANCH KIT. REFER TO DWG. M6.02 AAC-N SYSTEM TREE DIAGRAM FOR MODEL, SIZE AND ADDITIONAL INFORMATION.
  - REFRIGERANT Y-BRANCH KIT. REFER TO DWG. M6.02 AAC-S SYSTEM TREE DIAGRAM FOR MODEL, SIZE AND ADDITIONAL INFORMATION.
  - FOR CLARITY, FROM THIS POINT ON, SINGLE LINE REFRIGERANT PIPE REPRESENTS REFRIGERANT LIQUID & REFRIGERANT SUCTION LINE SETS. REFER TO SCHEDULES, NOTES & DETAILS ON DWG. M6.02 FOR PIPE SIZES.
  - M.C. TO RUN PIPING WITHIN ARCHITECT PROVIDED PIPE CHASE. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - CONCRETE PAD (REFER TO ARCH. DRAWINGS FOR ADDITIONAL INFORMATION).
  - M.C. TO RUN NEW 3/8" TYPE K HARD COPPER PIPING FOR CONDENSATE DRAIN LINE VIA GRAVITY OUT OF EXTERIOR WALL AS SHOWN WITH TAMPER RESISTANT SCREEN ON DISCHARGE OPENING. G.C. TO CUT OPENING FOR 3/8" CONDENSATE DRAIN PIPING WITH M.C. PRESENT.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PROPOSED PIPING PLAN - AREA D

**DRAWING BY:** R.D.P.  
**CHECK BY:** F.S.

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**DISTRICT:** BRIARCLIFF MANOR UFSD

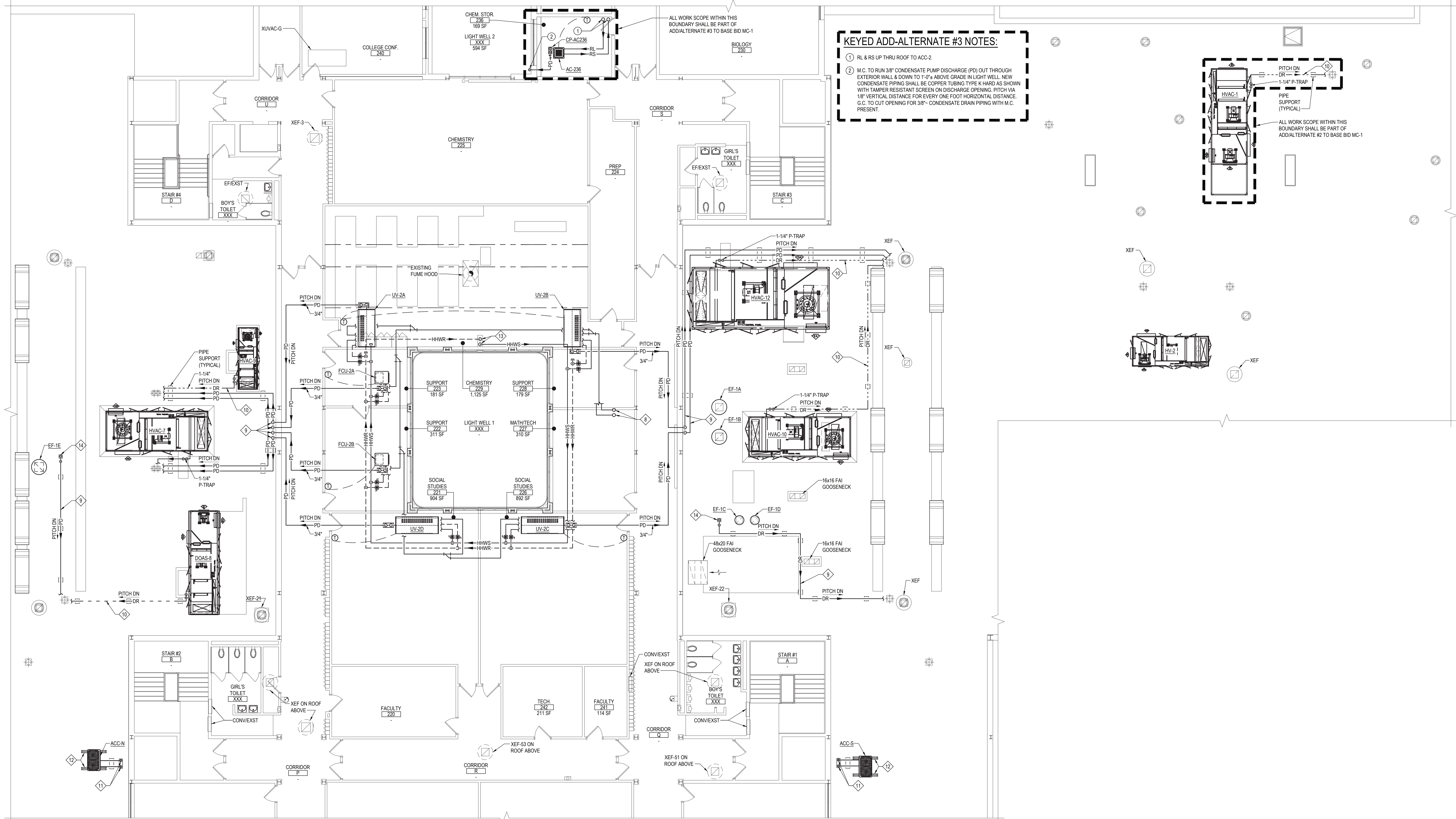
**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** PROPOSED PIPING PLAN AREA D

**SCALE:** AS NOTED  
**DATE:** 7/15/22  
**BID PICK-UP:**  
**FILE No:** 21-274C

**M3.02** **HSMS**

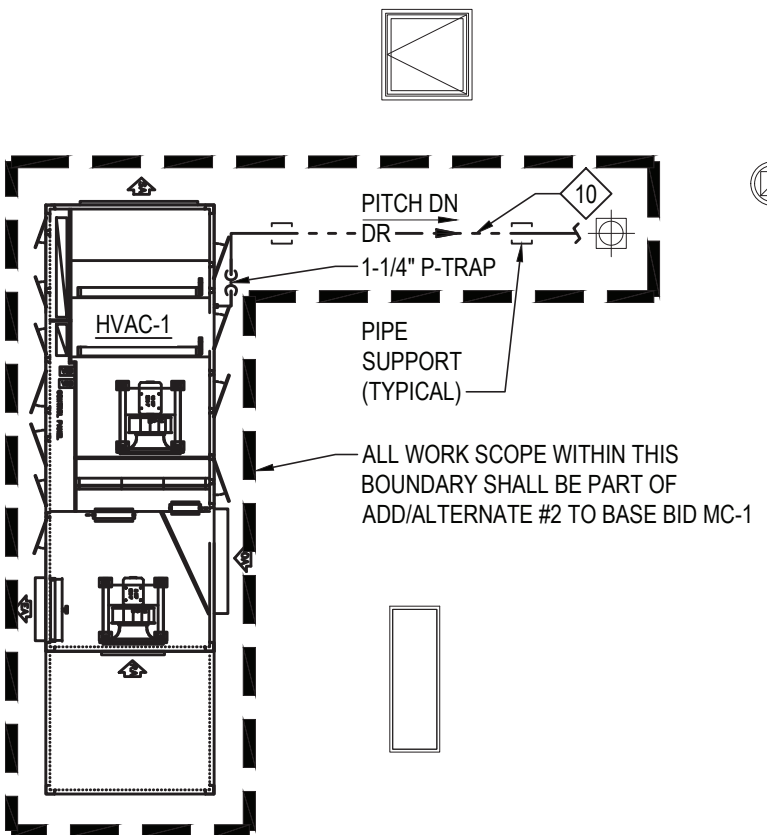




**KEYED ADD-ALTERNATE #3 NOTES:**

1 RL & RS UP THRU ROOF TO ACC-2.

2 M.C. TO RUN 3/8" CONDENSATE PUMP DISCHARGE (PD) OUT THROUGH EXTERIOR WALL & DOWN TO 1'-0" ABOVE GRADE IN LIGHT WELL. NEW CONDENSATE PIPING SHALL BE COPPER TUBING TYPE K HARD AS SHOWN WITH TAMPER RESISTANT SCREEN ON DISCHARGE OPENING. PITCH VIA 1/8" VERTICAL DISTANCE FOR EVERY ONE FOOT HORIZONTAL DISTANCE. G.C. TO CUT OPENING FOR 3/8" CONDENSATE DRAIN PIPING WITH M.C. PRESENT.



REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PROPOSED 1ST FLOOR ROOF & 2ND FLOOR  
PIPING & HVAC ROOF PART PLAN - AREA C, D & E

**DRAWING BY:** R.D.P.  
**CHECK BY:** F.S.

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**SED No:** 66-14-02-02-0-004-023

**DISTRICT:** BRIARCLIFF MANOR UFSD

**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** PROPOSED PIPING & HVAC ROOF PLAN - AREA C, D & E

**SCALE:** AS NOTED

**DATE:** 7/15/22

**BID PICK-UP:**

**FILE No:** 21-274C

**M3.03** **HSMS**

**1** PROPOSED FIRST FLOOR ROOF & SECOND FLOOR PIPING PART PLAN - AREA "D & E"

**NOTE:**

**KEYED MECHANICAL NOTES:**

1 NOT USED

2 NOT USED

3 NOT USED

4 NOT USED

5 NOT USED

6 NOT USED

7 NOT USED

8 M.C. TO RUN NEW RS & RL REFRIGERANT PIPING UP THROUGH NEW PIPE PORTAL SYSTEM, RUN PIPING ON ROOF & PROVIDE REFRIGERANT PIPING SUPPORTS (REFER TO DRAWING M6.02 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION) & CONNECT TO NEW OUTDOOR CONDENSING UNIT (ACC-2).

9 M.C. TO RUN 3/4" CONDENSATE PUMP DISCHARGE (PD) OUT THROUGH EXTERIOR WALL & RUN TO NEAREST ROOF DRAIN. NEW CONDENSATE PIPING SHALL BE COPPER TUBING TYPE K HARD. PITCH VIA 1/8" VERTICAL DISTANCE FOR EVERY ONE FOOT HORIZONTAL DISTANCE.

10 M.C. TO RUN 1-1/4" CONDENSATE DRAIN (DR) TO NEAREST ROOF DRAIN. NEW CONDENSATE PIPING SHALL BE COPPER TUBING TYPE K HARD. PITCH VIA 1/8" VERTICAL DISTANCE FOR EVERY ONE FOOT HORIZONTAL DISTANCE.

11 M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW REFRIGERANT PIPING UP THROUGH NEW PIPE PORTAL SYSTEM & RUN PIPING ON ROOF & PROVIDE REFRIGERANT PIPING SUPPORTS (REFER TO DRAWING M6.09 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION) & CONNECT TO NEW OUTDOOR CONDENSING UNIT.

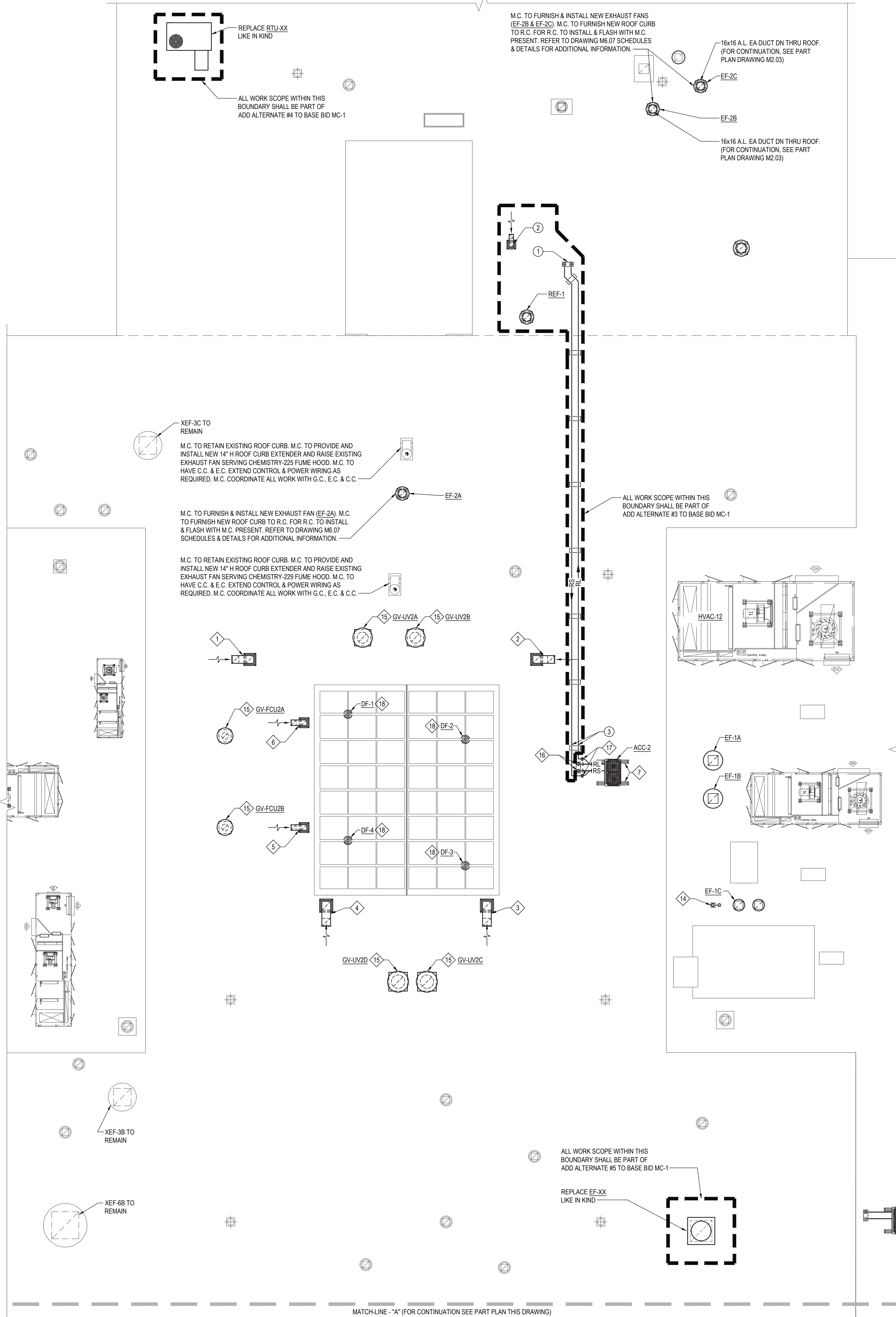
12 M.C. TO FURNISH & INSTALL NEW OUTDOOR CONDENSING UNIT. M.C. TO FURNISH & INSTALL NEW THYOURS SUPPORT RAILS. REFER TO DRAWING M6.09 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.

13 M.C. TO CONNECT 1-1/2" HHWS & HHWR ±6" A.F.F. AND RUN IN CHASE UP THE CEILING PLENUM SPACE. ALL HHWS & HHWR PIPING TO BE INSULATED AS PER MECHANICAL SPECIFICATIONS.

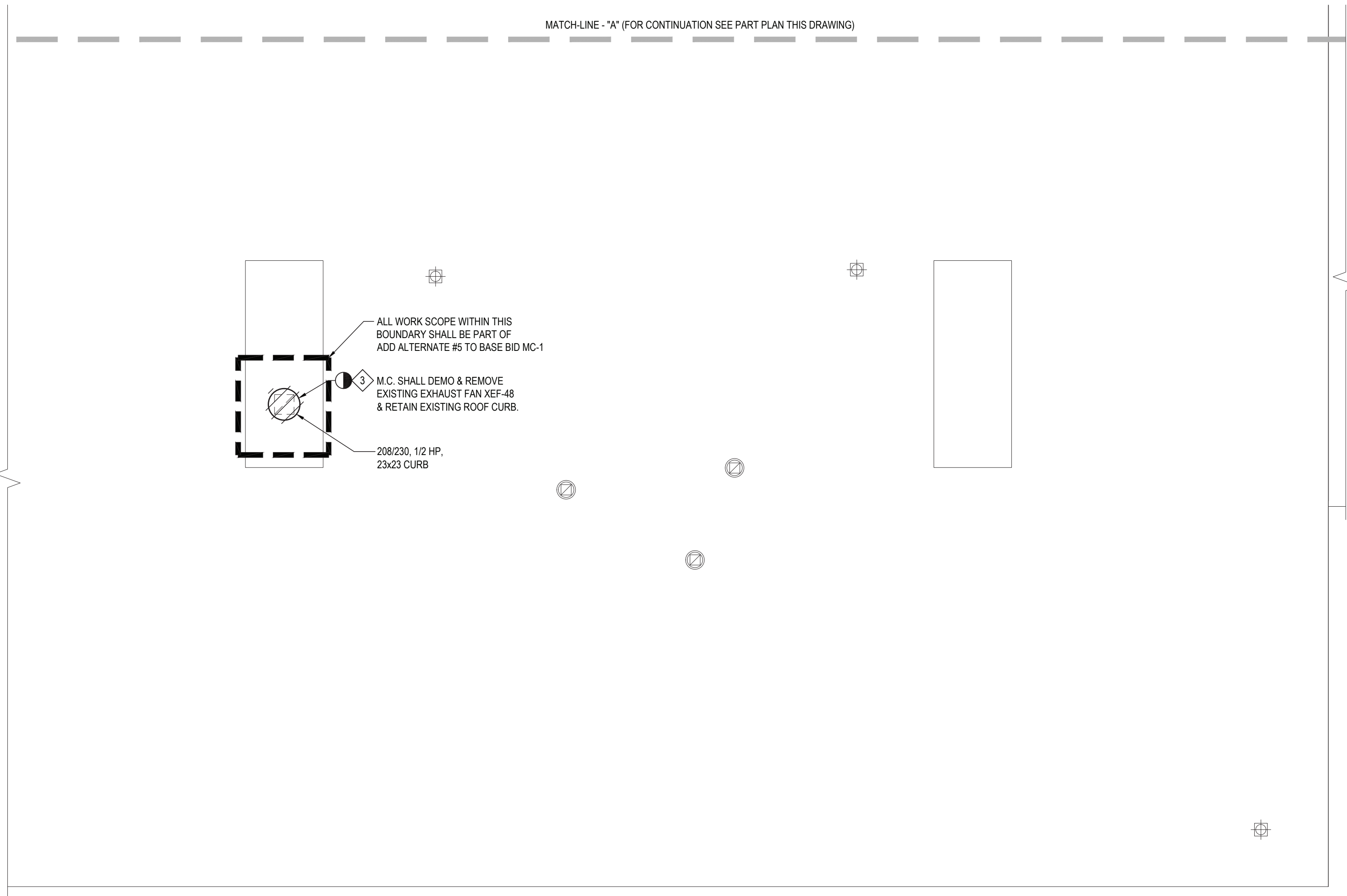
14 M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW CONDENSATE PUMP DISCHARGE (PD) PIPING UP THROUGH NEW PIPE PORTAL SYSTEM & RUN (PD) PIPING ON ROOF & PROVIDE PIPING SUPPORTS (REFER TO DRAWING M6.09 FOR ADDITIONAL INFORMATION).

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





1 PROPOSED SECOND FLOOR AND ROOF HVAC PART PLAN - AREA "D & E"



2 PROPOSED SECOND FLOOR AND ROOF HVAC PART PLAN - AREA "D"

KEYED MECHANICAL NOTES:

- 1 14x14 OA DUCT DN THRU ROOF TO UV-2A. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 2 14x14 OA DUCT DN THRU ROOF TO UV-2B. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 3 16x16 OA DUCT DN THRU ROOF TO UV-2C. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 4 16x16 OA DUCT DN THRU ROOF TO UV-2D. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 5 10x10 OA DUCT DN THRU ROOF TO FCU-2B. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 6 10x10 OA DUCT DN THRU ROOF TO FCU-2A. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 7 M.C. TO FURNISH & INSTALL NEW OUTDOOR CONDENSING UNIT (ACC-2) M.C. TO FURNISH & INSTALL NEW THYCURB SUPPORT RAILS. REFER TO DRAWING M6.09 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
- 8 NOT USED
- 9 NOT USED
- 10 NOT USED
- 11 NOT USED
- 12 NOT USED
- 13 NOT USED
- 14 M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW CONDENSATE PUMP DISCHARGE (PD) PIPING UP THROUGH NEW PIPE PORTAL SYSTEM & RUN (PD) PIPING ON ROOF & PROVIDE PIPING SUPPORTS (REFER TO DRAWING M6.09 FOR ADDITIONAL INFORMATION).
- 15 M.C. TO FURNISH & INSTALL NEW GRAVITY VENTILATOR. M.C. TO FURNISH NEW ROOF CURB TO R.C. FOR R.C. TO INSTALL & FLASH WITH M.C. PRESENT. REFER TO DRAWING M6.07 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION.
- 16 M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO G.C. FOR G.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW RS & RL REFRIGERANT PIPING DOWN THROUGH NEW PIPE PORTAL SYSTEM & RUN PIPING IN SECOND FLOOR CEILING PLENUM TO INDOOR UNITS. REFER TO FIRST FLOOR ROOF & SECOND FLOOR PROPOSED PIPING PART PLAN - AREA "D & E" FOR CONTINUATION. (REFER TO DRAWING M6.02 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION) & CONNECT TO NEW OUTDOOR CONDENSING UNIT (ACC-2).
- 17 M.C. TO PROVIDE WYE BRANCH HEADER WITH VALVED & CAPPED OUTLET TO AC-236.
- 18 DESTRATIFICATION FANS (DF-1 THRU DF-4) TO BE MOUNTED BELOW SKYLIGHT, FROM SKYLIGHT MULLIONS.

KEYED ADD-ALTERNATE #3 NOTES:

- 1 M.C. TO FURNISH NEW PIPE PORTAL SYSTEM TO G.C. FOR G.C. TO INSTALL & FLASH WITH M.C. PRESENT. M.C. TO THEN RUN NEW RS & RL REFRIGERANT PIPING UP THROUGH NEW PIPE PORTAL SYSTEM & RUN PIPING ON ROOF & PROVIDE REFRIGERANT PIPING SUPPORTS (REFER TO DRAWING M6.02 SCHEDULES & DETAILS FOR ADDITIONAL INFORMATION) & CONNECT TO NEW OUTDOOR CONDENSING UNIT (ACC-236).
- 2 8x8 OA DUCT DN THRU ROOF TO CMU-236. TERMINATE WITH GOOSENECK ABOVE ROOF W/MS. BOTTOM OF OPEN END OF GOOSENECK SHALL BE A MINIMUM OF 3'-0" ABOVE FINISHED ROOF SURFACE.
- 3 M.C. TO REMOVE CAP FROM BRANCH HEADER AND RUN RL & RS PIPING TO AC-236.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT

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PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE

PROPOSED SECOND FLOOR AND ROOF  
HVAC PART PLAN - AREA C & D

DRAWING BY: R.D.P.  
CHECK BY: F.S.

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SED No: 66-14-02-02-0-004-023

DISTRICT: BRIARCLIFF MANOR UFSD

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG TITLE: PROPOSED 2ND FLOOR ROOF HVAC PART PLAN - C & D

SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

M3.04 HSMS



















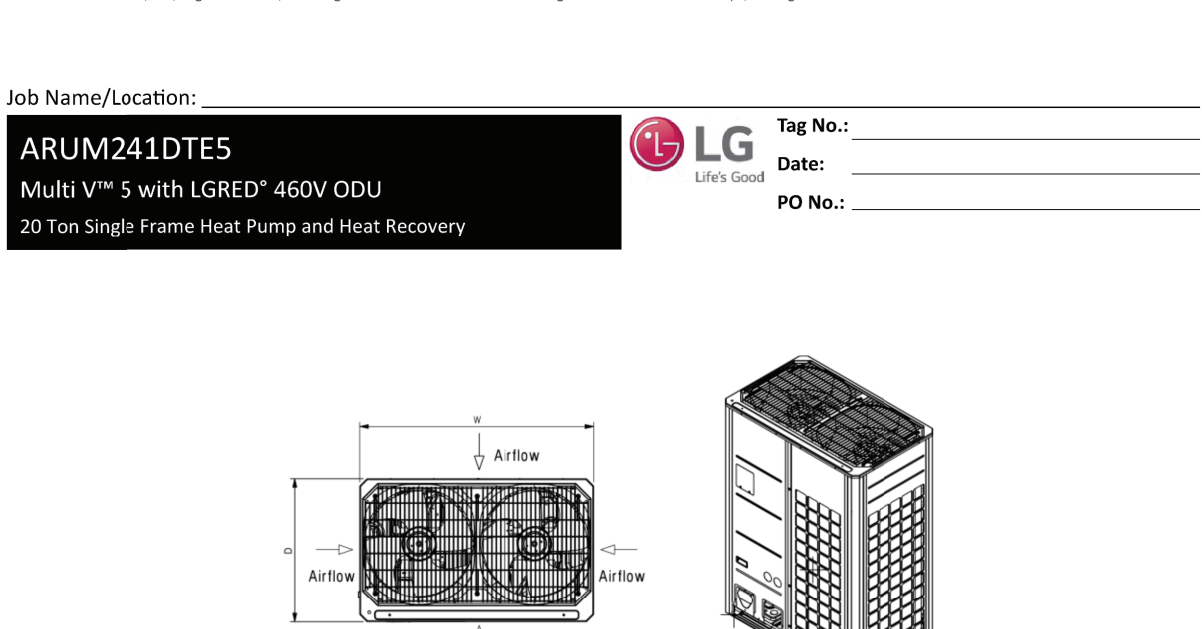
OUTDOOR CONDENSING UNIT SCHEDULE (ACC-2) (BASIS: LG)



VRF Outdoor Condensing Unit Data

<b>ACC-2</b> <b>ARUM241DTE5</b> Multi V™ 5 with iGRED® 460V ODU 20 Ton Single Frame Heat Pump and Heat Recovery		<b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Performance:</b> Cooling Mode: Nominal Capacity (Btu/h) Power Input (kW) Heating Mode: Nominal Capacity (Btu/h) Power Input (kW)		<b>Operating Range:</b> Cooling (°C DBT) Heating (°C DBT) Cooling (°C DBT) Heating (°C DBT)	
<b>Unit Data:</b> Refrigerant Type Refrigerant Control Max. Number of Indoor Units <sup>1</sup> Saturated Condensing Temp (°F) Saturated Evap Temp (°F)		<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis	
<b>Optional Accessories:</b> Air Cooler - ZHGAKA2A Heat Guard Kit - ZHGAKA2A Low Ambient Buffer Kit - ZABAKA2A (2), Control Kit - PWC2 (2 per system) Base Fan Heater - ZPT2A5A		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	

<b>Standard Features:</b> • Advanced Smart Load Control • Variable Heat Path Exchange • Subcooling and Vapor Injection Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Optional Accessories:</b> Air Cooler - ZHGAKA2A Heat Guard Kit - ZHGAKA2A Low Ambient Buffer Kit - ZABAKA2A (2), Control Kit - PWC2 (2 per system) Base Fan Heater - ZPT2A5A		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	



<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
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<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
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ADDITIONAL SCHEDULE NOTES:  
 1. PROVIDE FACTORY-AUTHORIZED MANUFACTURER'S REPRESENTATIVE PRESENT TO PERFORM START-UP, COMMISSIONING, TESTING, AND TRAINING OF NEW EQUIPMENT TO OWNERS PERSONNEL.  
 2. APPROVED MANUFACTURER SHALL VISIT JOB SITE TO CONFIRM EXACT DIMENSIONS AND REFRIGERANT PIPING RUN PRIOR TO FURNISHING SUBMITTAL TO M.C. TO PROVIDE TO ARCHITECT/ENGINEER FOR REVIEW.  
 3. PROVIDE INTERNAL LIFT CONDENSATE PUMP WITH UNIT.  
 4. TIE IN VRF SYSTEM VIA BACNET CARD TO EXISTING BUILDING MANAGEMENT SYSTEM. SEE SPECIFICATIONS FOR FURTHER DETAILS.  
 5. COORDINATE INSTALLATION WORK WITH G.C.  
 6. FOR OUTDOOR CONDENSING UNIT, PROVIDE SUPPORTS FROM MANUFACTURER.

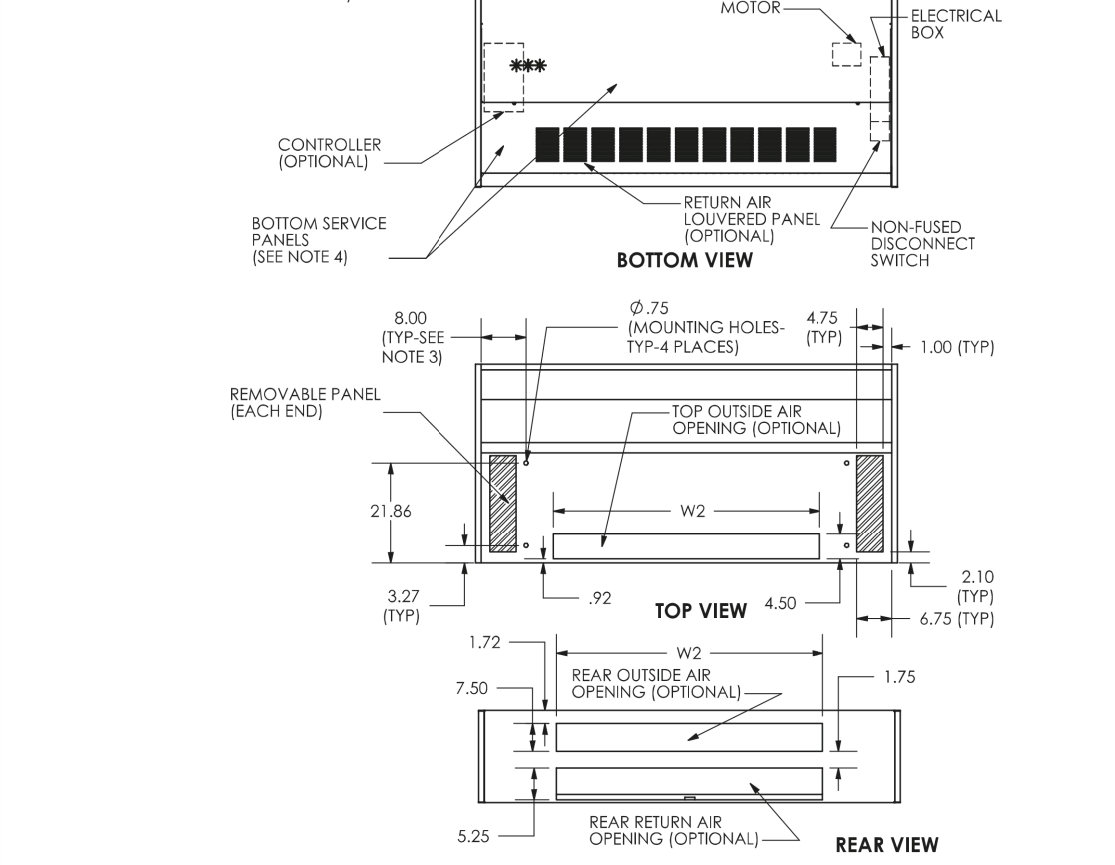
INDOOR VRF UNIT VENTILATOR SCHEDULES (UV-2A, 2B, 2C, & 2D) AND FAN COIL SCHEDULES (FCU 2A & FCU-2B) (BASIS: MAGIC AIRE / LG)



UV & FCU Data

<b>Brüelcliff Manor MS-DX/HW UV</b> Manufacturer: MagicAire Performance Details: Horizontal Ceiling Mounted Base Unit Size: MAUH-4 Tag: UV-2A & UV-2B Quantity: 1 Altitude: 0 Configuration: 4 Pipe Nominal Airflow (CFM): 1250 Q4 (CFM): 400 External Static Pressure (ESP) (W/G): 0.1		<b>Unit Data:</b> Refrigerant Type: R410A Refrigerant Control: EEV Max. Number of Indoor Units <sup>1</sup> : 39 Saturated Condensing Temp (°F): 39 Saturated Evap Temp (°F): 62	
<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	

<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Optional Accessories:</b> Air Cooler - ZHGAKA2A Heat Guard Kit - ZHGAKA2A Low Ambient Buffer Kit - ZABAKA2A (2), Control Kit - PWC2 (2 per system) Base Fan Heater - ZPT2A5A		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	

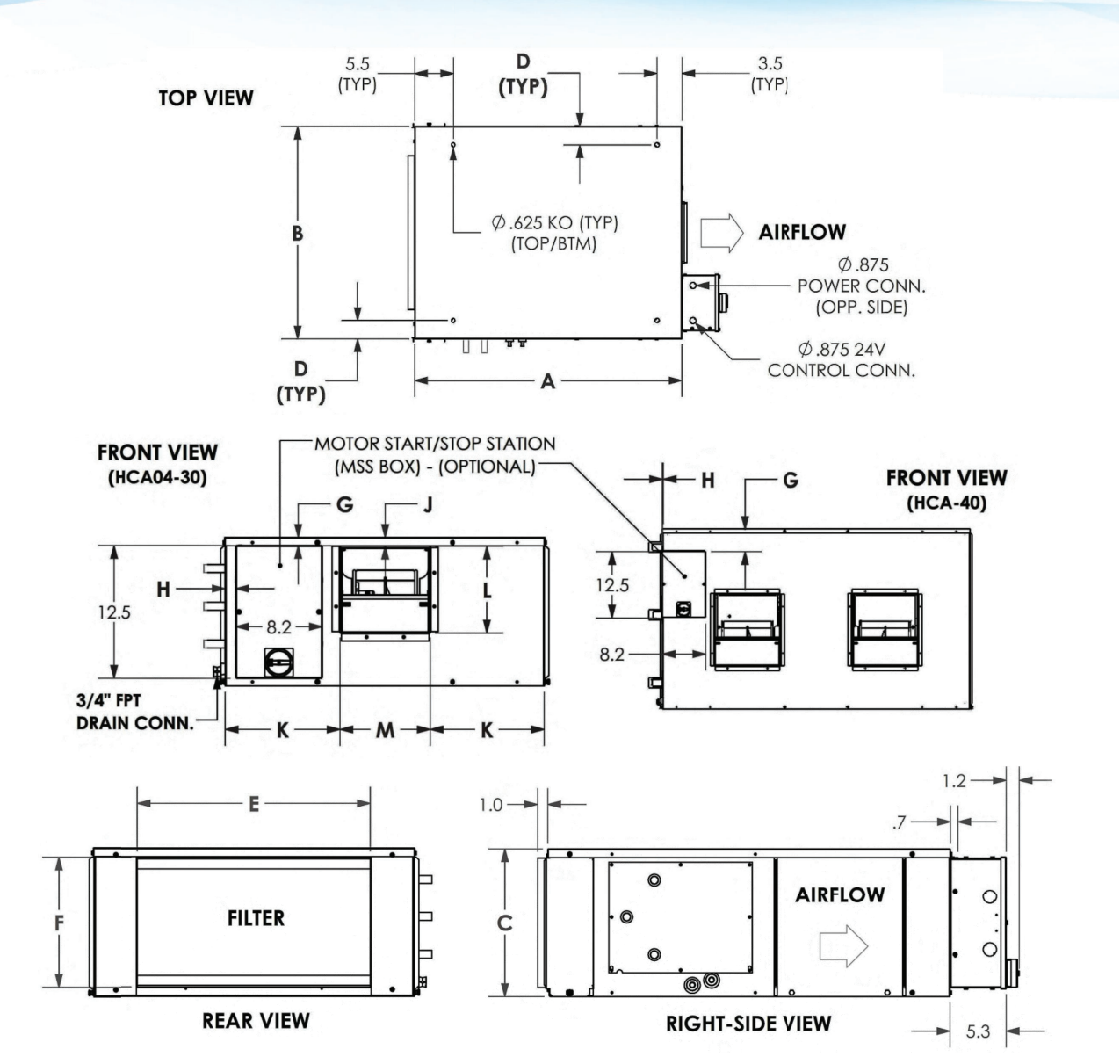


<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
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ADDITIONAL SCHEDULE NOTES:  
 1. PROVIDE FACTORY-AUTHORIZED MANUFACTURER'S REPRESENTATIVE PRESENT TO PERFORM START-UP, COMMISSIONING, TESTING, AND TRAINING OF NEW EQUIPMENT TO OWNERS PERSONNEL.  
 2. APPROVED MANUFACTURER SHALL VISIT JOB SITE TO CONFIRM EXACT DIMENSIONS AND REFRIGERANT PIPING RUN PRIOR TO FURNISHING SUBMITTAL TO M.C. TO PROVIDE TO ARCHITECT/ENGINEER FOR REVIEW.  
 3. PROVIDE INTERNAL LIFT CONDENSATE PUMP WITH UNIT.  
 4. TIE IN VRF SYSTEM VIA BACNET CARD TO EXISTING BUILDING MANAGEMENT SYSTEM. SEE SPECIFICATIONS FOR FURTHER DETAILS.  
 5. COORDINATE INSTALLATION WORK WITH G.C.  
 6. FOR OUTDOOR CONDENSING UNIT, PROVIDE SUPPORTS FROM MANUFACTURER.

HCA Series Basic Unit Dimensions



<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Optional Accessories:</b> Air Cooler - ZHGAKA2A Heat Guard Kit - ZHGAKA2A Low Ambient Buffer Kit - ZABAKA2A (2), Control Kit - PWC2 (2 per system) Base Fan Heater - ZPT2A5A		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	

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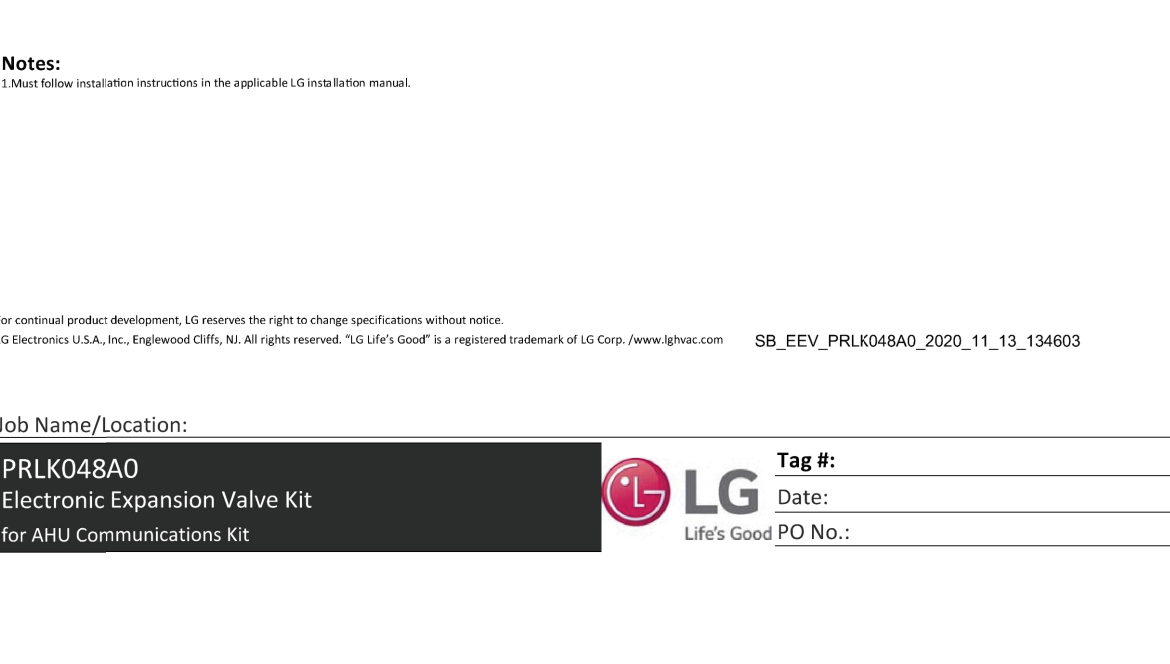
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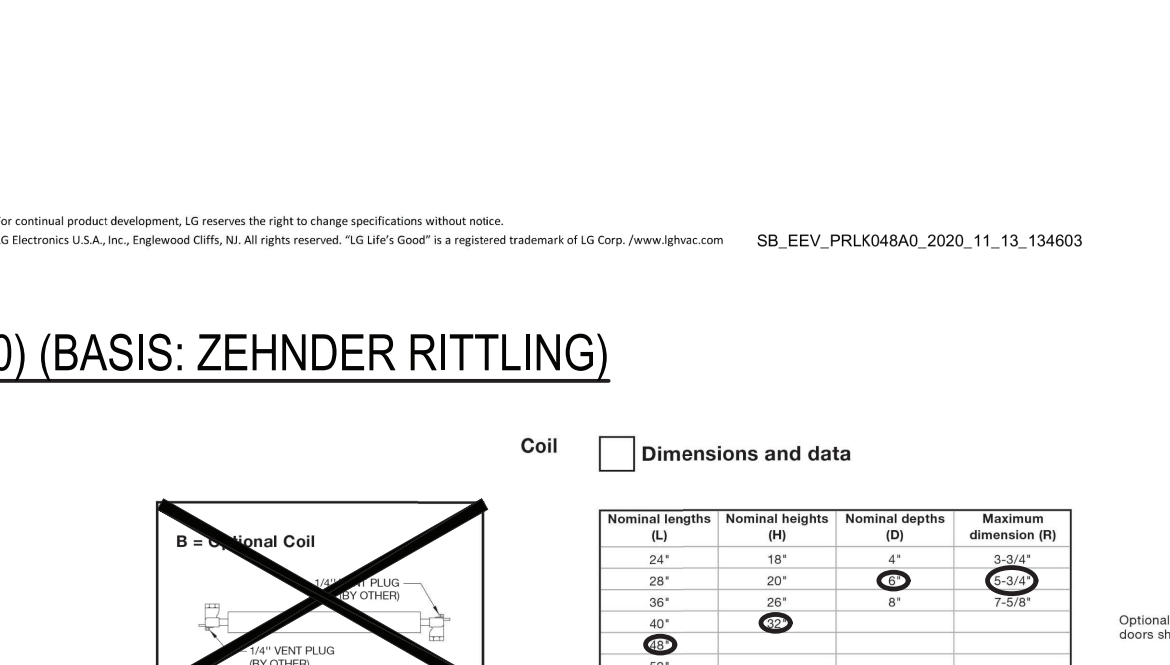
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UV-2A to 2D & FCU-2A & 2B (EEV Kit) Qty. (6)

<b>PRLK048A0</b> Electronic Expansion Valve Kit for AHU Communications Kit		<b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	



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<b>Optional Accessories:</b> Air Cooler - ZHGAKA2A Heat Guard Kit - ZHGAKA2A Low Ambient Buffer Kit - ZABAKA2A (2), Control Kit - PWC2 (2 per system) Base Fan Heater - ZPT2A5A		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	

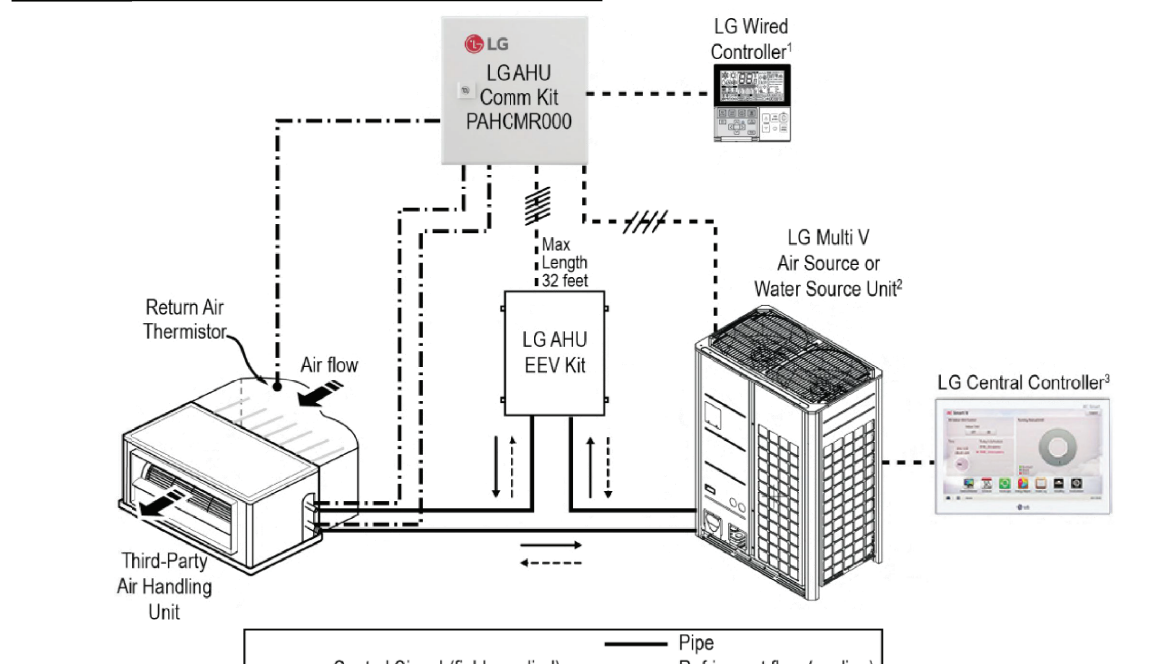


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UV-2A to 2D & FCU-2A & 2B (AHU Communication Kit) Qty. (6)

<b>PAHCM0000</b> AHU Communications Kit Return Air		<b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	



<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
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<b>Standard Features:</b> • Active Refrigerant Control • Intelligent Heating • iHPR (High Pressure Oil Return) • Smart Oil Control • Night Quiet Operation • Fault Detection and Diagnosis		<b>Job Name/Location:</b> _____ <b>Tag No.:</b> _____ <b>Date:</b> _____ <b>PO No.:</b> _____	
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REV.	DATE	ITEM

NOTICE  
 THESE DRAWINGS ARE BASED ON CONSTRUCTION DRAWINGS NOT FORWARDED BY THE ARCHITECT. LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. AND THEREFORE, MAY NOT REPRESENT THE CONDITIONS AS CONSTRUCTED AT THE TIME. ALL EXISTING CONDITIONS SHOWN ARE REPRESENTED AS SUGGESTIVE INFORMATION AS THEY HAVE NOT BEEN BUILT AND DETAILED PER THE ORIGINAL DOCUMENTS OR PER THE OWNERS INFORMATION.

KEY PLAN  
 NOT TO SCALE

PROJECT  
 BRIARCLIFF MANOR U.F.S.D.  
 PHASE 2 BOND IMPROVEMENTS  
 BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
 SCHEDULES, EQUIPMENT  
 NOTES AND DETAILS (6 OF 10)

DRAWING BY: R.D.P.  
 CHECK BY: F.S.

NOTICE  
 THIS DRAWING, PREPARED FOR THE SPECIFIC PROJECT INDICATED IS AN INSTRUMENT OF SERVICE AND THE PROPERTY OF BBS ARCHITECTS, LANDSCAPE ARCHITECTS AND ENGINEERS, P.C. INFORMATION OR ANY USE OF THIS DRAWING FOR ANY OTHER PROJECT IS PROHIBITED. ANY REPRODUCTION OR REPRODUCTION OF THIS DOCUMENT IS ALSO PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR ENGINEER.

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 T. 631.475.0349 T. 518.621.7650  
 F. 631.475.0361 F. 518.621.7655  
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SED No: 66-14-02-02-004-023  
 DISTRICT: BRIARCLIFF MANOR UFSD  
 PROJECT: PHASE 2 BOND IMPROVEMENTS  
 DWG TITLE: SCHEDULES, EQUIPMENT NOTES AND DETAILS (6 OF 10)  
 SCALE: AS NOTED  
 DATE: 7/15/22  
 BID PICK-UP:  
 FILE No: 21-74C

M6.05 HSMS















## NEW PEDESTAL MOUNTED FIN-TUBE SCHEDULE (BASIS OF DESIGN: ZEHNDER RITTLING)

Element and Enclosure			Project: Briarcliff Manor HSMS - BBS-RP	
Model			Tag:	
Copper-Aluminum			Standard Colors	
Qty			Rows of Elements	
General Information			Min. Installed Height	
Altitude			10 inches	
Tube Diameter			3/4" TUBE	
Fin Size			4-1/4" X 6-1/4" FIN	
Fin Spacing			48 FINS PER FOOT	
Length of Active Element			Feet	
Enclosure General Information			Feet	
Model			PB05	
Depth			5 1/2" D	
Height			6" H	
Diameter			6" H	
Return			-	
Minimum Installed Height			10 inches	
Floor to Top of Enclosure			18 inches	
Length of Inactive Enclosure			0 Feet	
Total Length of Enclosure			7 Feet	
Hot Water Heat			-	
Capacity			9.9 MBH	
Element Output			1207 Btu/h	
Entering Air Temperature			65.0 °F	
Fluid Flow			6.9 GPM	
Entering Fluid Temperature			200.0 °F	
Leaving Fluid Temperature			180.0 °F	
Fluid AT			20.0 °F	
Fluid Pressure Drop			0.3 ft. H <sub>2</sub> O	
Fluid Type			Water	
Glycol %			0	

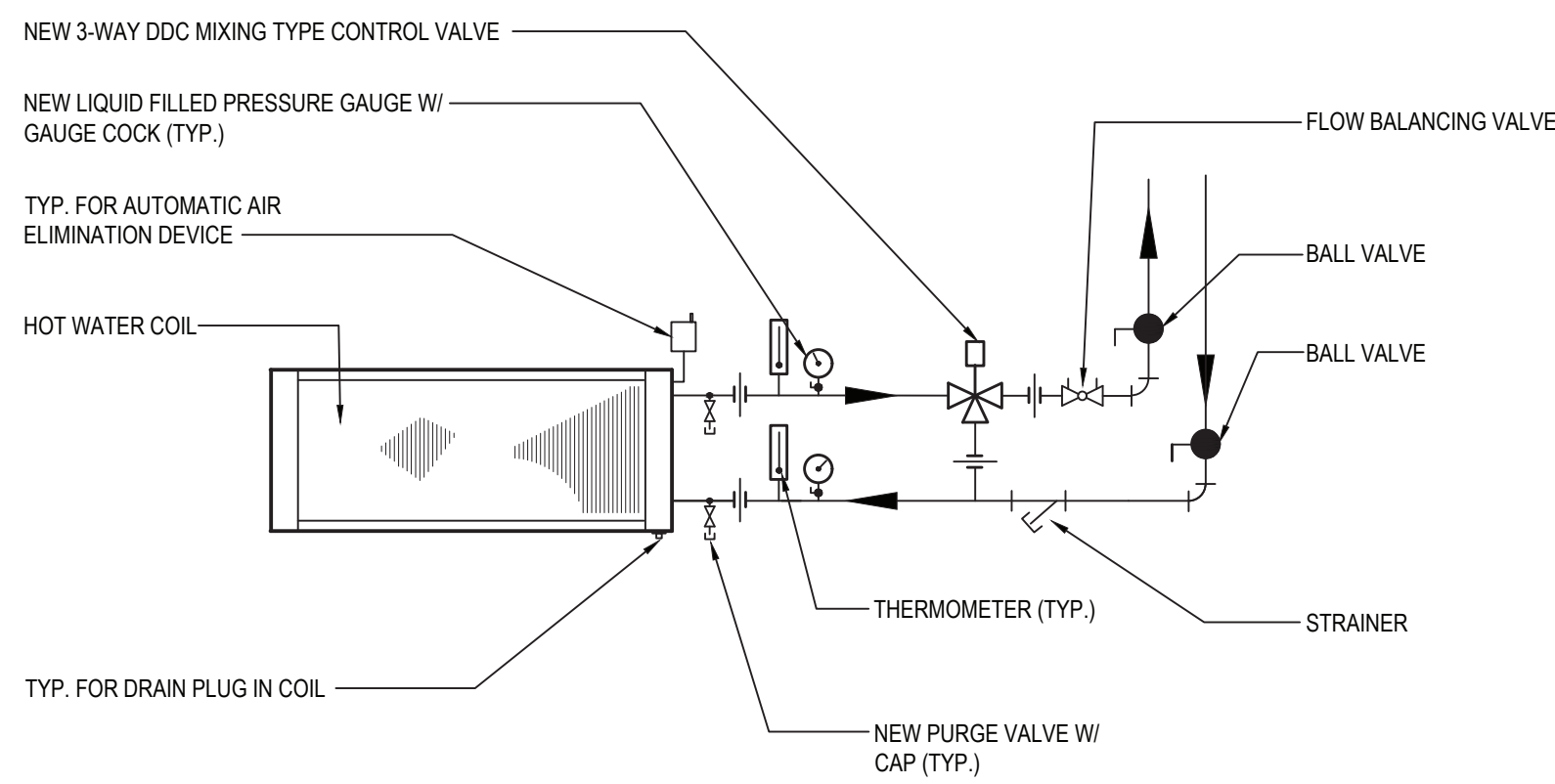
### Features, Pedestal

Zehnder Fitting's Pedestal Baffle Enclosure offers a minimalist appearance in a strong floor mounted enclosure.

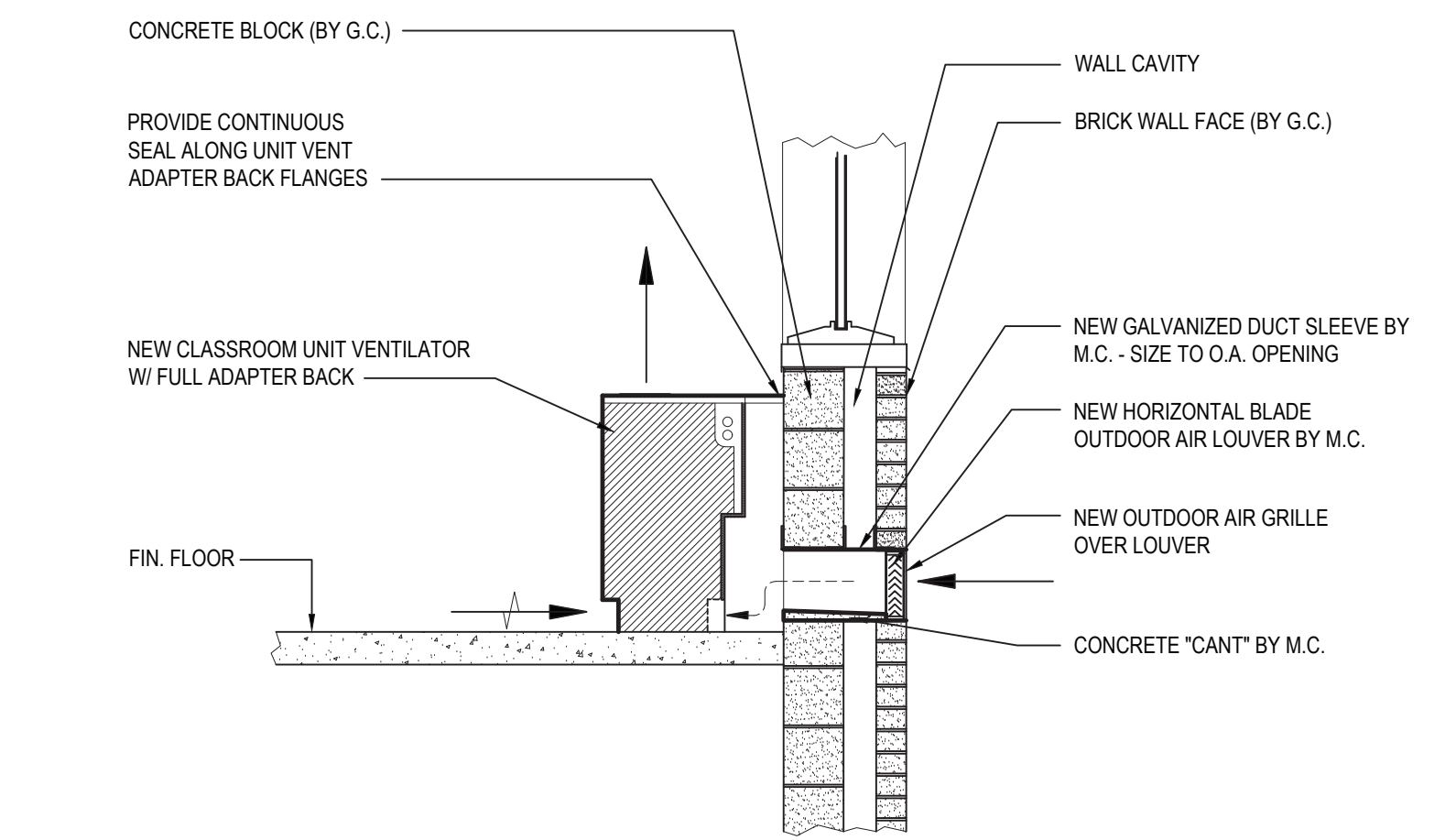
### Enclosure

- 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1, 1 1/4, 1 1/2, 1 3/4, 2, 2 1/4, 2 1/2, 2 3/4, 3, 3 1/4, 3 1/2, 3 3/4, 4, 4 1/4, 4 1/2, 4 3/4, 5, 5 1/4, 5 1/2, 5 3/4, 6, 6 1/4, 6 1/2, 6 3/4, 7, 7 1/4, 7 1/2, 7 3/4, 8, 8 1/4, 8 1/2, 8 3/4, 9, 9 1/4, 9 1/2, 9 3/4, 10, 10 1/4, 10 1/2, 10 3/4, 11, 11 1/4, 11 1/2, 11 3/4, 12, 12 1/4, 12 1/2, 12 3/4, 13, 13 1/4, 13 1/2, 13 3/4, 14, 14 1/4, 14 1/2, 14 3/4, 15, 15 1/4, 15 1/2, 15 3/4, 16, 16 1/4, 16 1/2, 16 3/4, 17, 17 1/4, 17 1/2, 17 3/4, 18, 18 1/4, 18 1/2, 18 3/4, 19, 19 1/4, 19 1/2, 19 3/4, 20, 20 1/4, 20 1/2, 20 3/4, 21, 21 1/4, 21 1/2, 21 3/4, 22, 22 1/4, 22 1/2, 22 3/4, 23, 23 1/4, 23 1/2, 23 3/4, 24, 24 1/4, 24 1/2, 24 3/4, 25, 25 1/4, 25 1/2, 25 3/4, 26, 26 1/4, 26 1/2, 26 3/4, 27, 27 1/4, 27 1/2, 27 3/4, 28, 28 1/4, 28 1/2, 28 3/4, 29, 29 1/4, 29 1/2, 29 3/4, 30, 30 1/4, 30 1/2, 30 3/4, 31, 31 1/4, 31 1/2, 31 3/4, 32, 32 1/4, 32 1/2, 32 3/4, 33, 33 1/4, 33 1/2, 33 3/4, 34, 34 1/4, 34 1/2, 34 3/4, 35, 35 1/4, 35 1/2, 35 3/4, 36, 36 1/4, 36 1/2, 36 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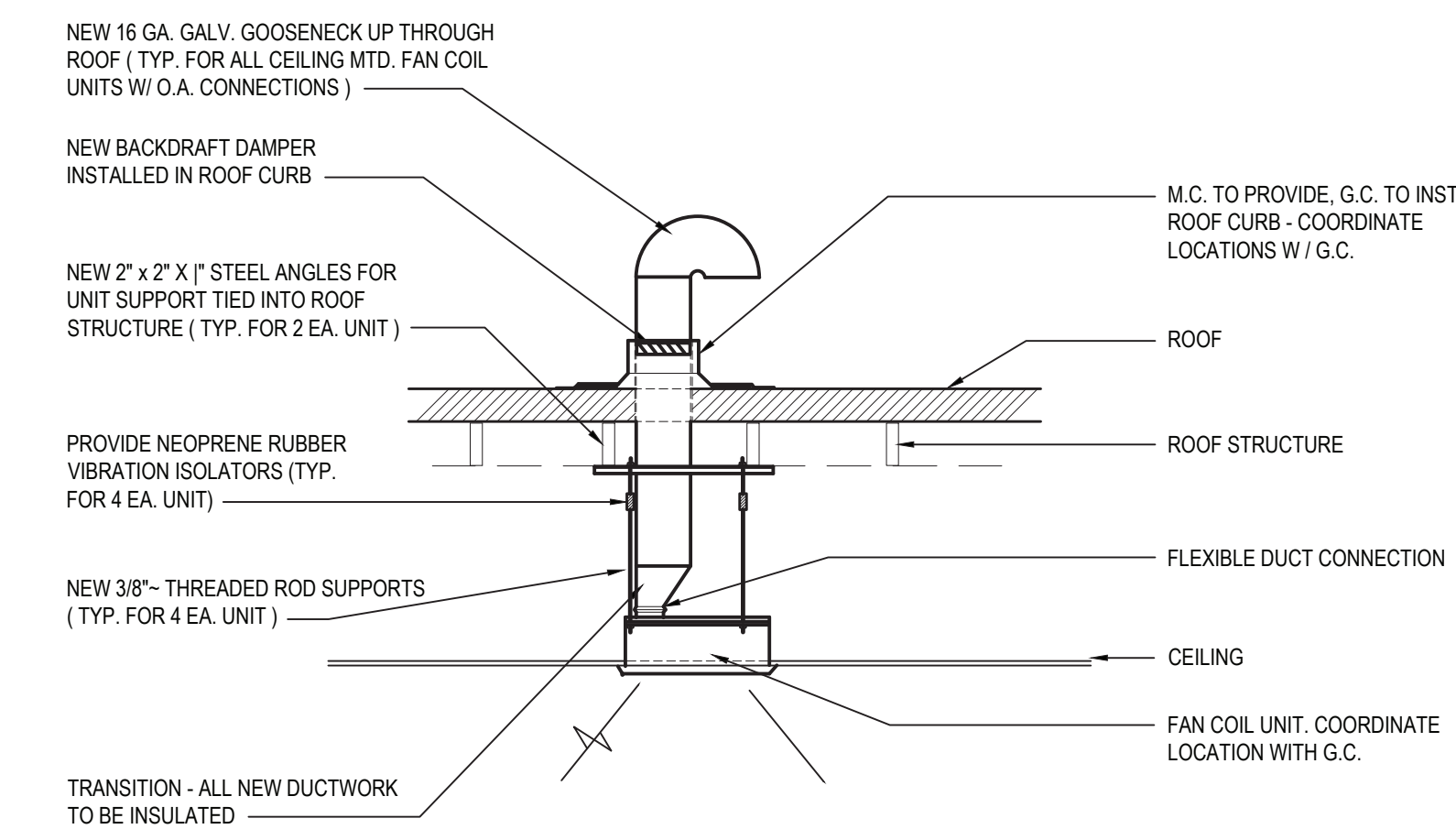




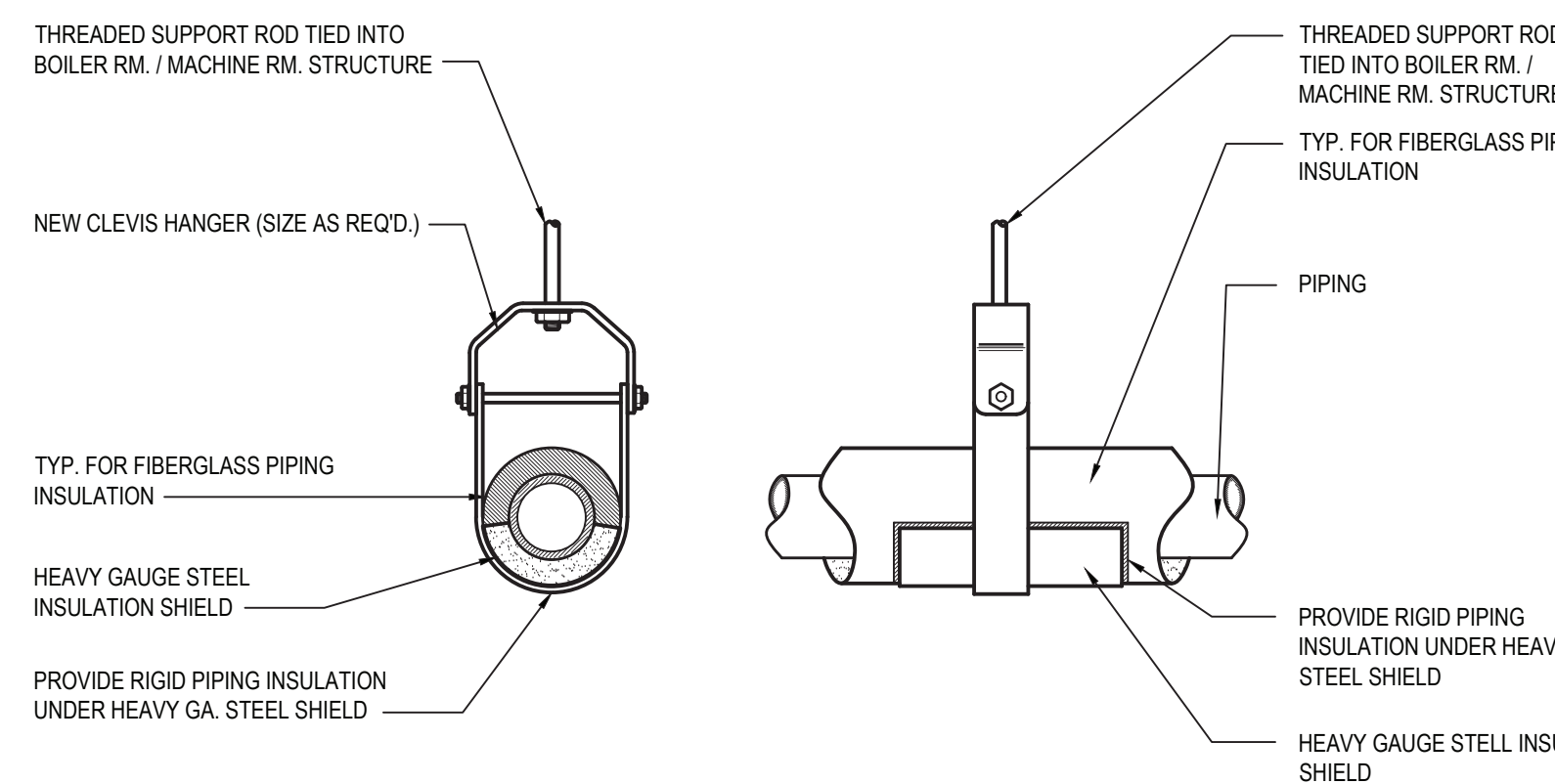
1 3 WAY HOT WATER COIL DETAIL  
SCALE: N.T.S.



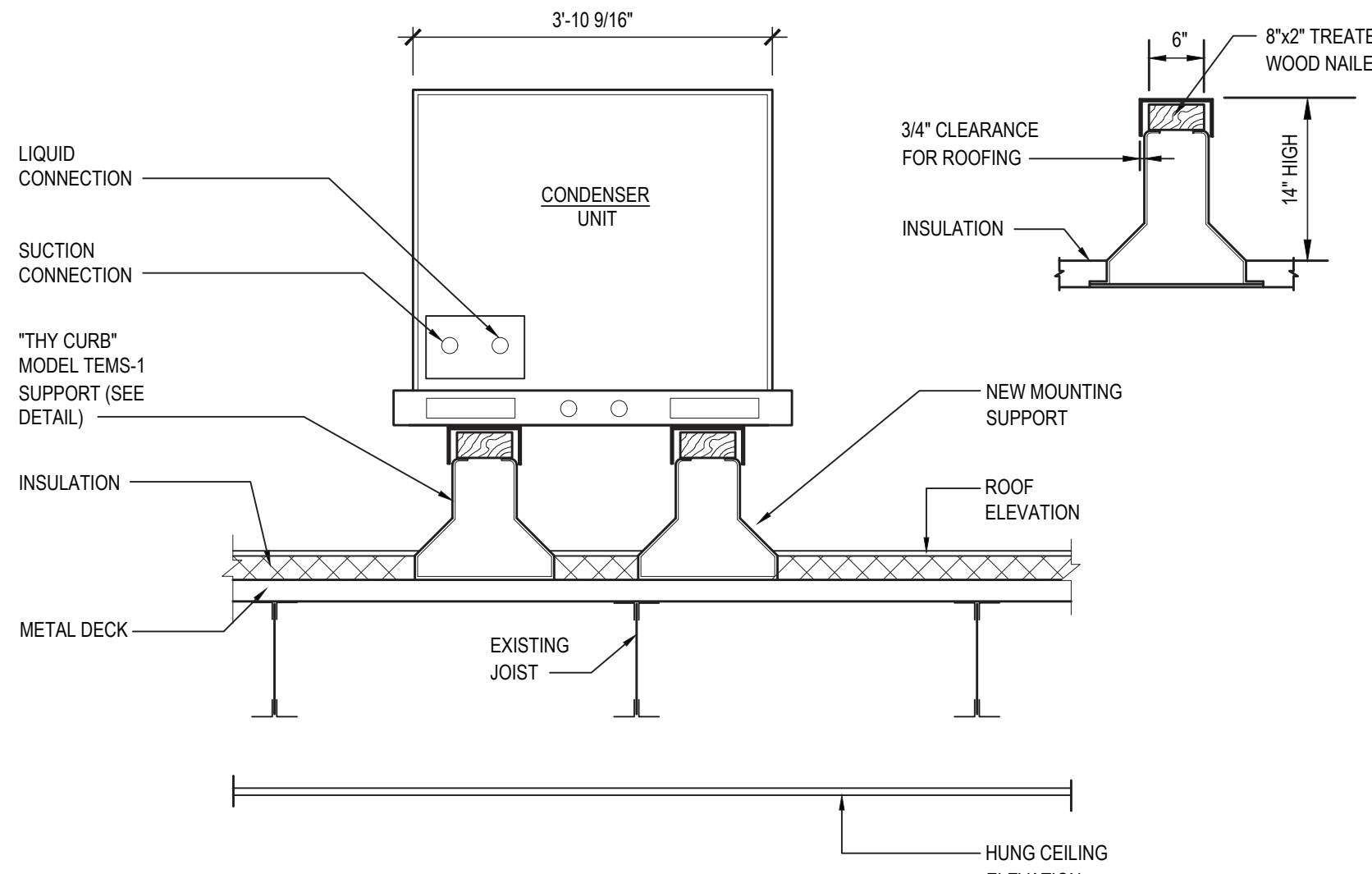
2 UNIT VENTILATOR / FAN COIL UNIT FRESH AIR INTAKE - MASONRY WALL INSTALLATION  
SCALE: N.T.S.



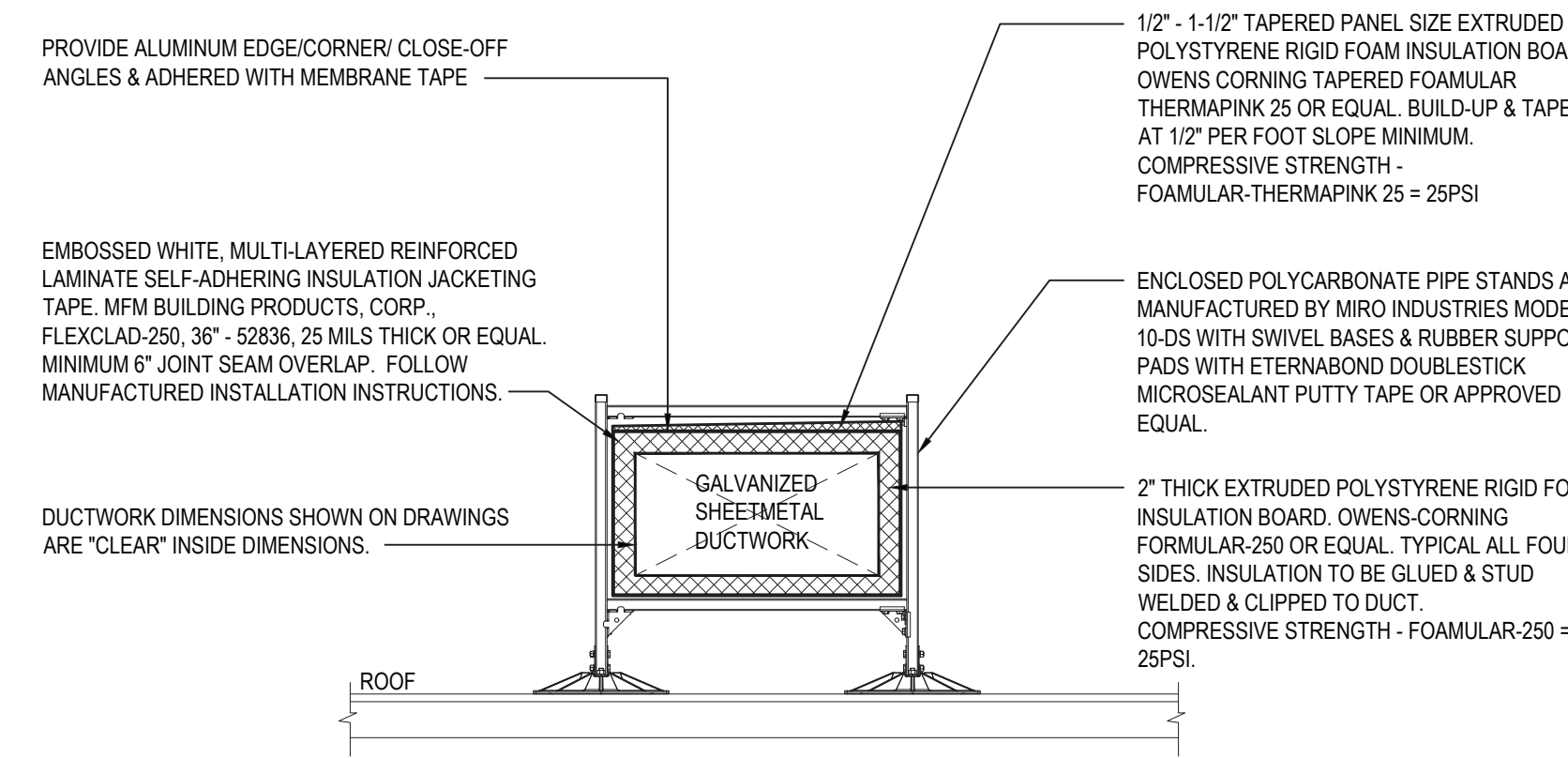
3 FAN COIL UNIT WITH FRESH AIR INTAKE  
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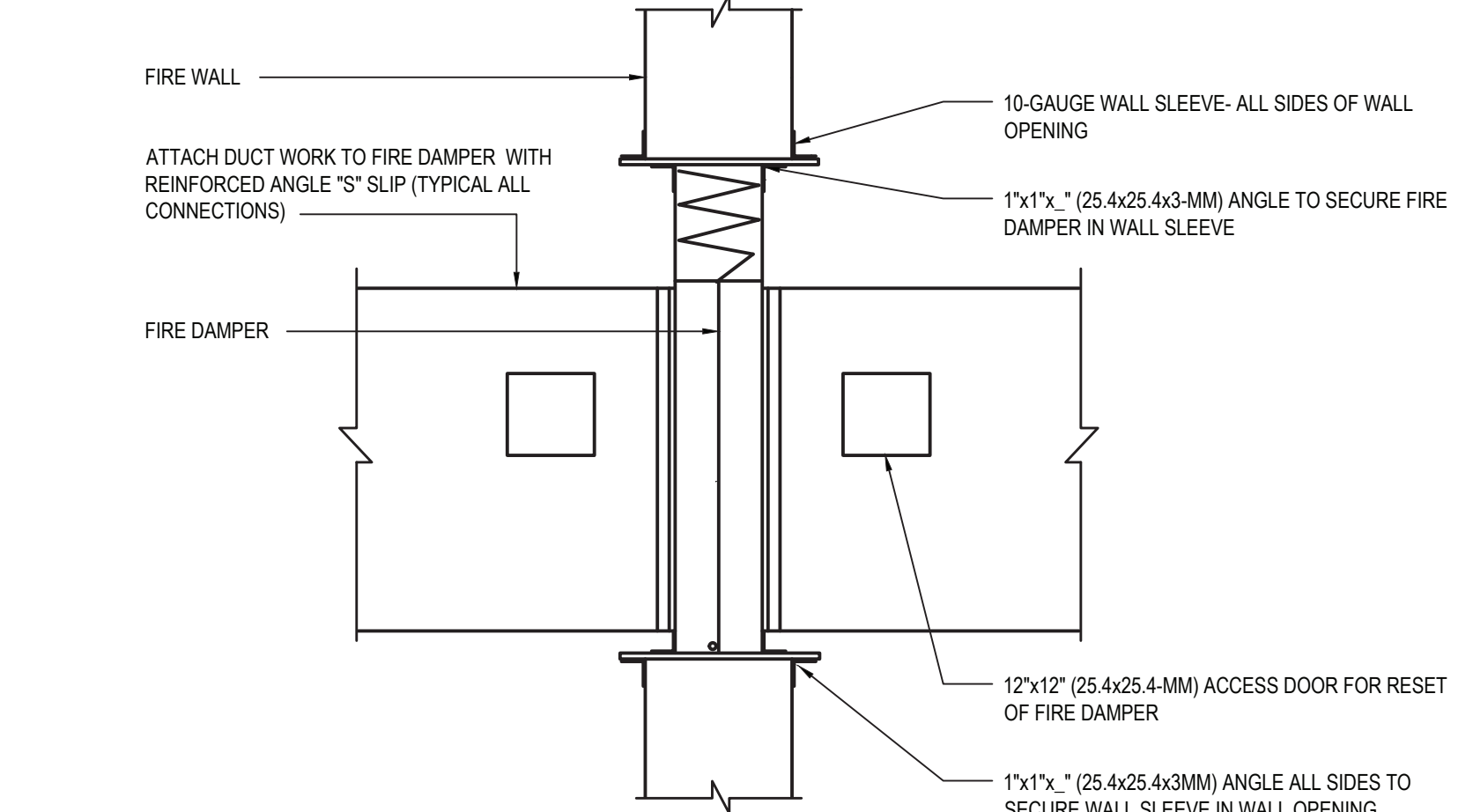
4 CLEVIS HANGER PIPING SUPPORT DETAIL  
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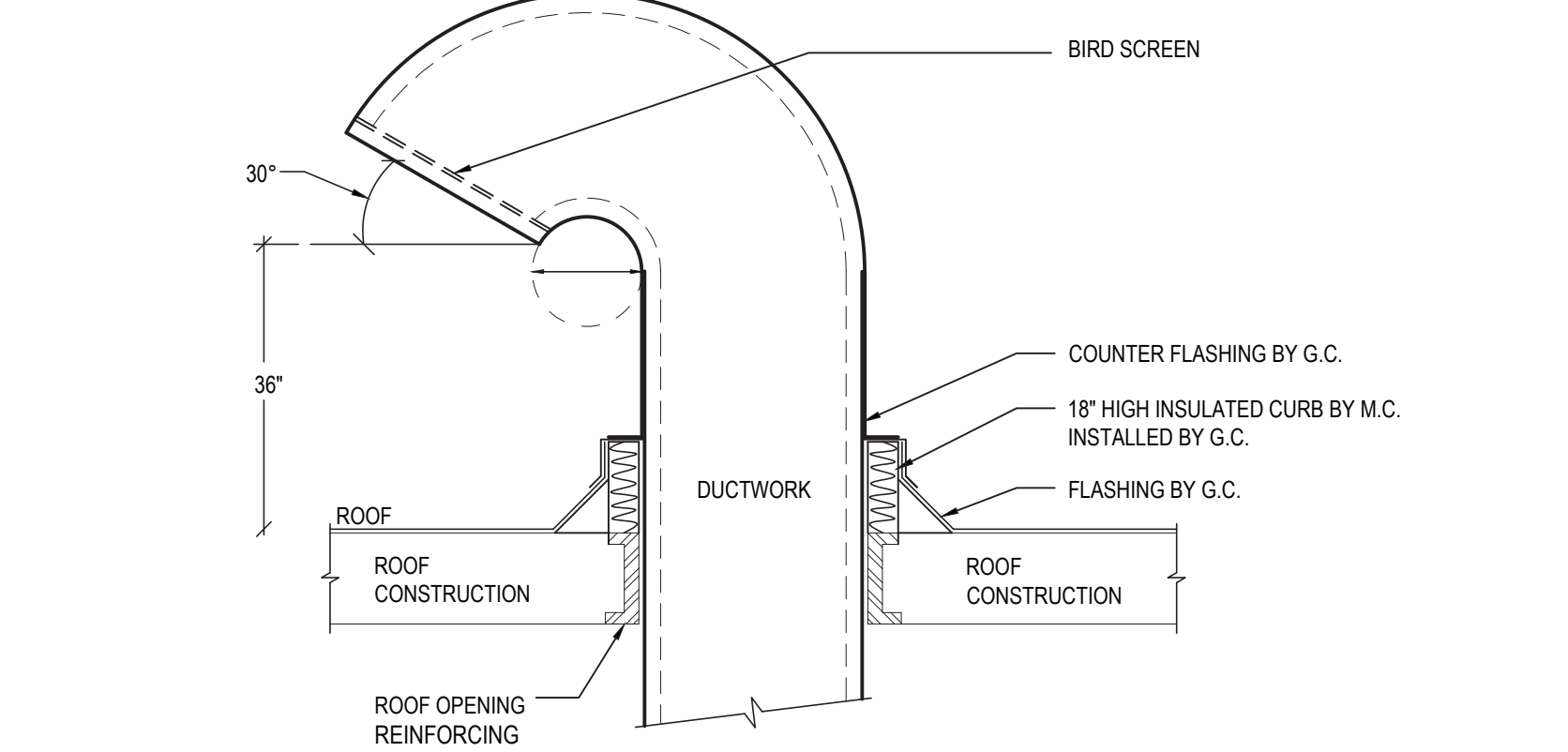
5 CONDENSER UNIT AND SUPPORT  
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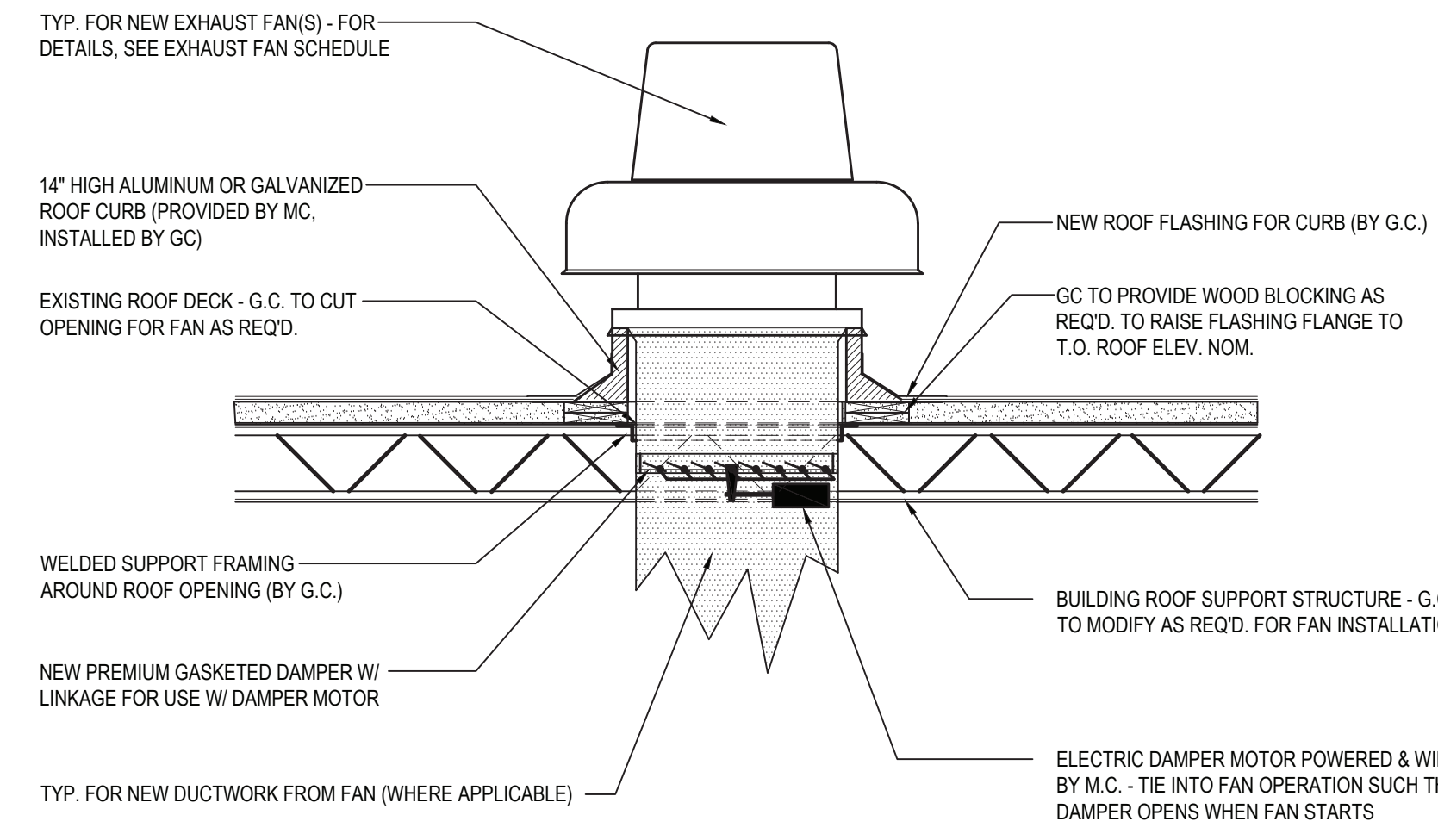
6 EXTERIOR DUCTWORK INSULATION WITH SUPPORTS  
SCALE: N.T.S.



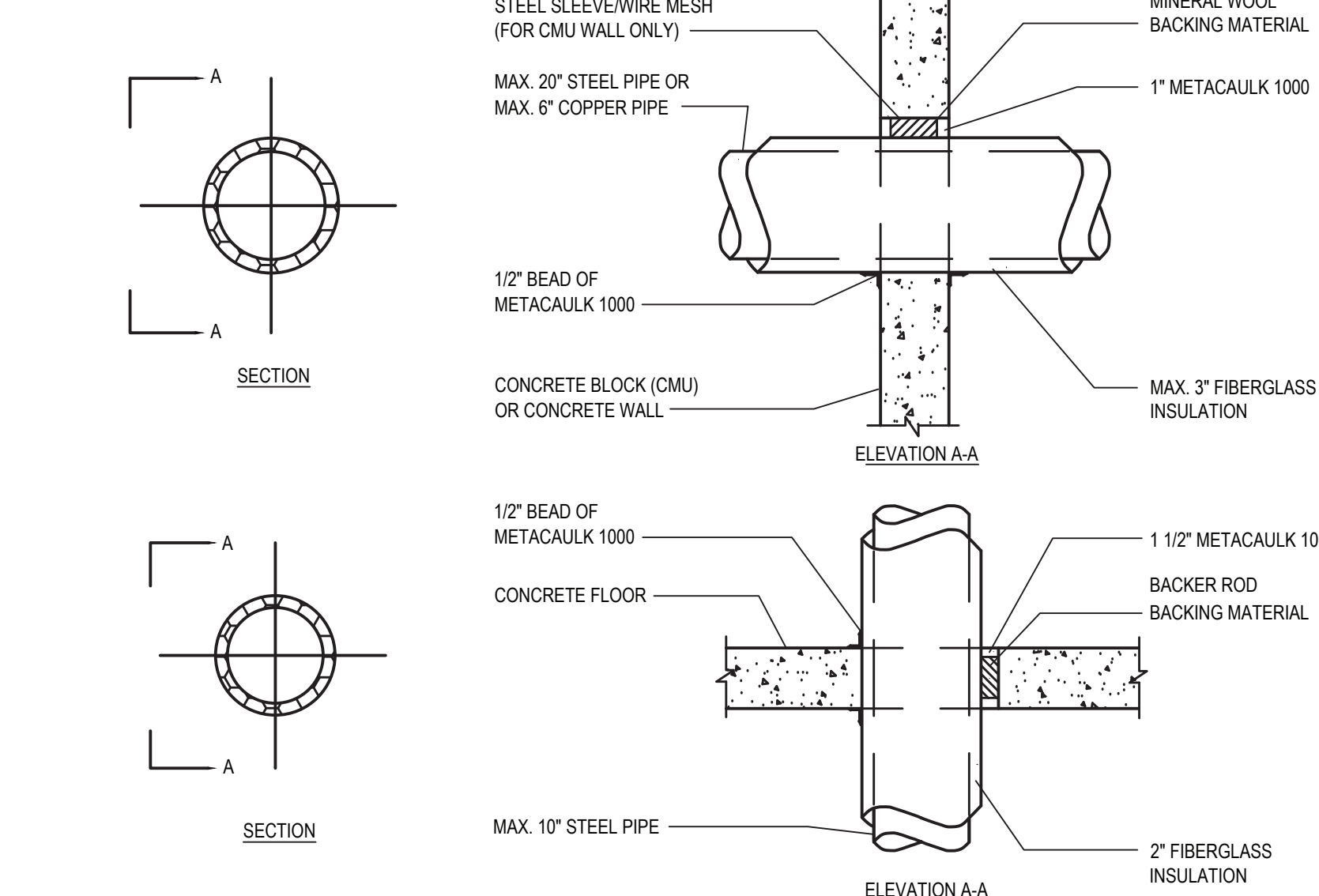
7 FIRE DAMPER IN WALL AREA FOR DUCT PENETRATION  
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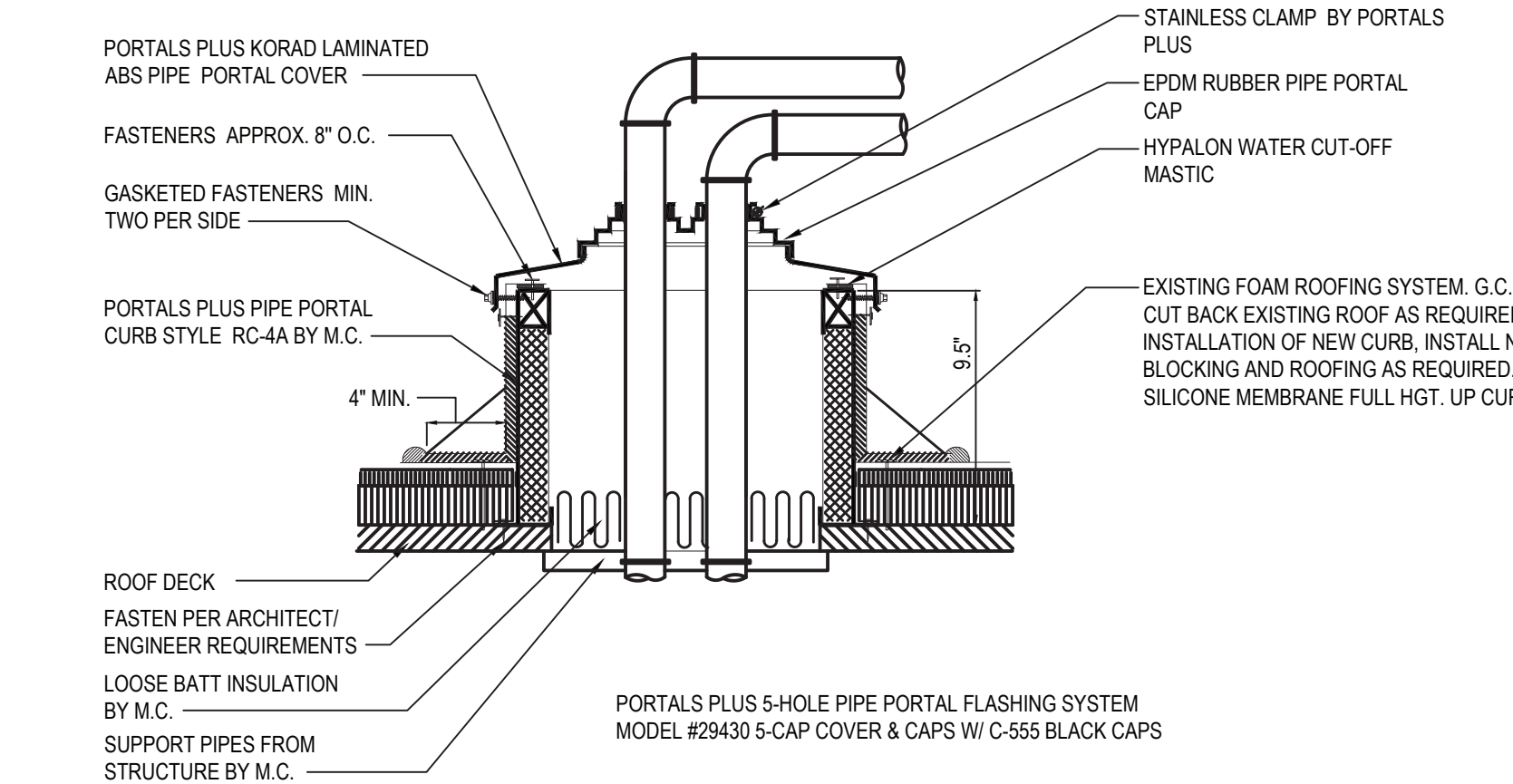
8 FRESH AIR INTAKE GOOSENECK DETAIL  
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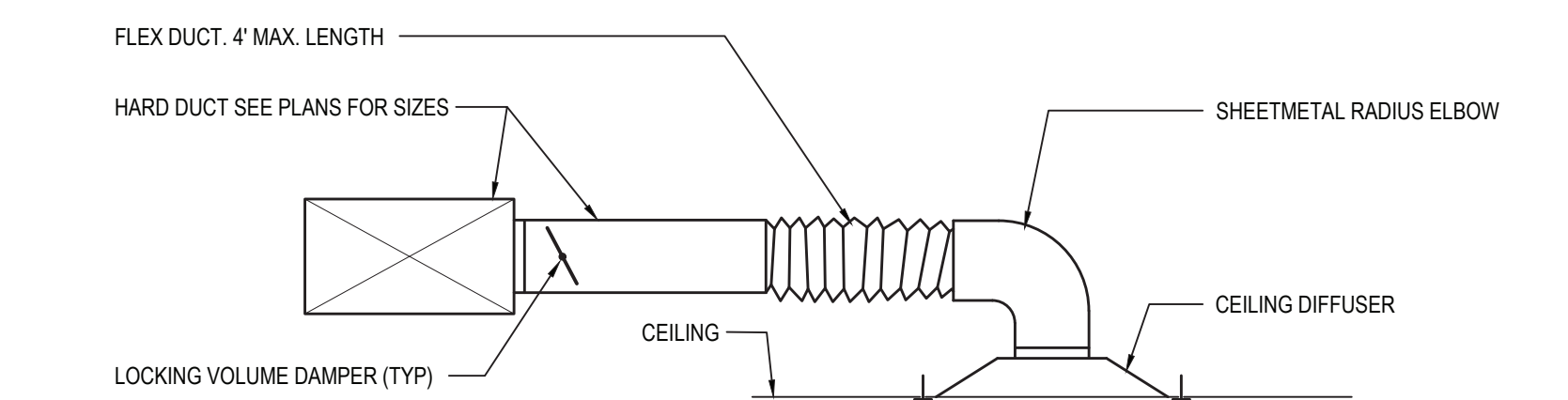
9 NEW ROOF MOUNTED EXHAUST FAN INSTALLATION  
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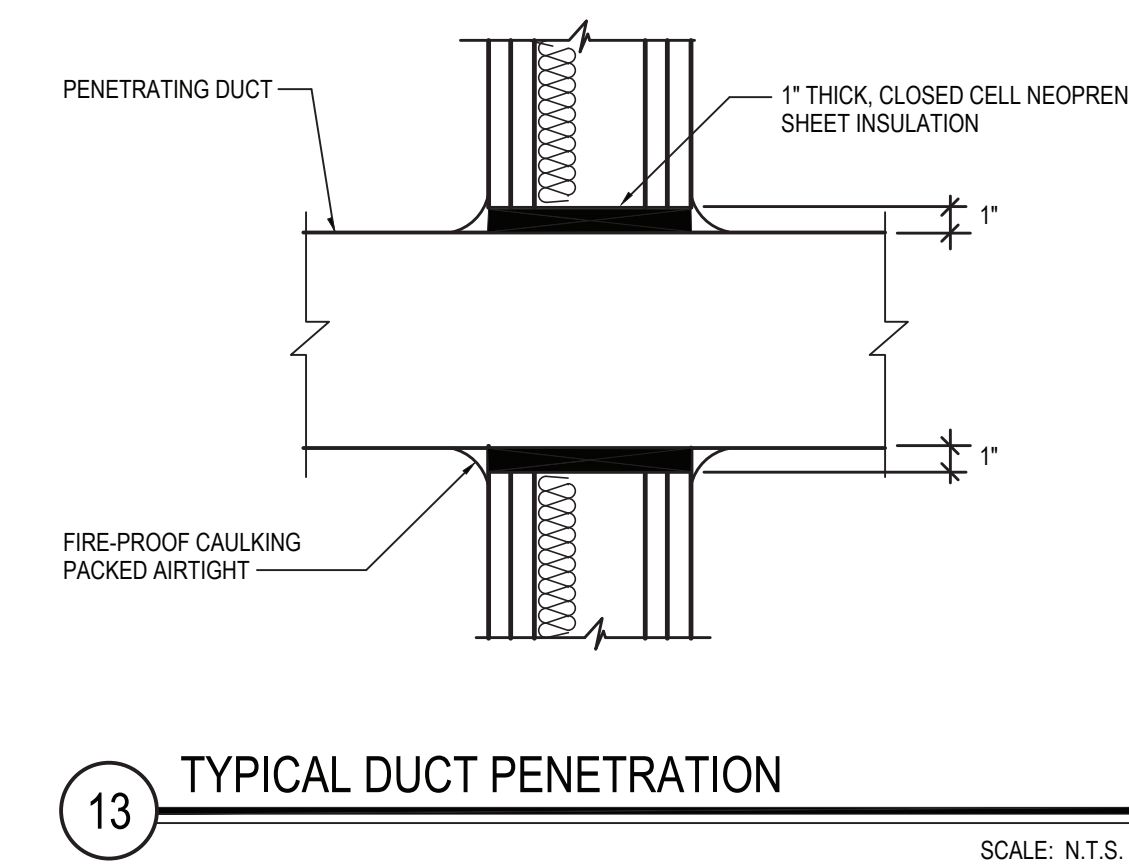
10 PIPING WALL/FLOOR PENETRATION  
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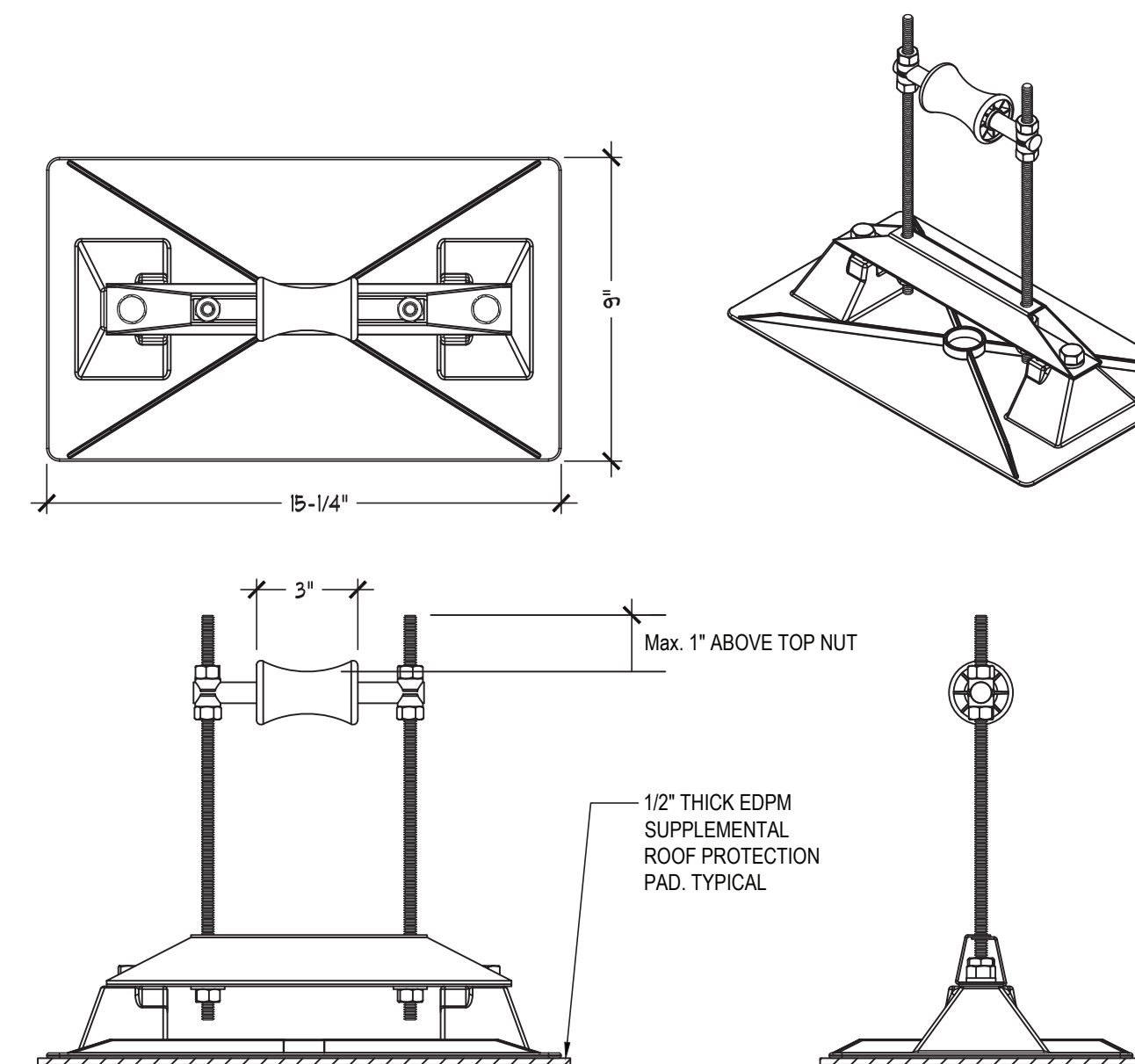
11 ROOF PIPING PENETRATION DETAIL  
SCALE: N.T.S.



12 TYPICAL CEILING DIFFUSER INSTALLATION  
SCALE: N.T.S.



13 TYPICAL DUCT PENETRATION  
SCALE: N.T.S.



14 ROOF MOUNTED PIPING SUPPORT DETAIL  
SCALE: N.T.S.

REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

SCHEDULES, EQUIPMENT  
NOTES AND DETAILS (10 OF 10)

**DRAWING BY:** R.D.P.  
**CHECK BY:** F.S.

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**DISTRICT:** BRIARCLIFF MANOR UFSD

**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** SCHEDULES, EQUIPMENT, NOTES AND DETAILS (10 OF 10)

**SCALE:** AS NOTED  
**DATE:** 7/15/22  
**BID PICK-UP:**  
**FILE No:** 21-274C

**M6.10** **HSMS**



PLUMBING FIXTURE SCHEDULE							
LABEL	FIXTURE	SPECIFICATION	TRAP	VENT	COLD	HOT	TEMPERED
P-1	WATER COOLER WITH BOTTLE FILL STATION	ELKAY MODEL LZS8S COOLER WALL MOUNT ADA FILTERED REFRIGERATED STAINLESS. CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50 F DRINKING WATER, BASED ON 80 F INLET WATER AND 90 F AMBIENT, PER ASHRAE 18 TESTING. FEATURES SHALL INCLUDE FILTERED, FURNISHED WITH FLEXI-GUARD 8 SAFETY BUBBLER, ELECTRONIC FRONT AND SIDE BUBBLER PUSHBAR ACTIVATION. PRODUCT SHALL BE WALL MOUNT (ON WALL), FOR INDOOR APPLICATIONS, SERVING 1 STATION(S). UNIT SHALL BE CERTIFIED TO UL 399 AND CAN/CSA C22.2 NO. 120. UNIT SHALL BE LEAD-FREE DESIGN WHICH IS CERTIFIED TO NSF/ANSI 61 & 372 (LEAD FREE) AND MEETS FEDERAL AND STATE LOW-LEAD REQUIREMENTS. INSTALL ADA COOLER PER GUIDELINES 32" FROM FLOOR TO ORIFICE HEIGHT. FURNISH WITH MLP100 IN WALL CARRIER.	2"	1-1/2"	1/2"	--	--
P-2	WALL MOUNTED LAVATORY - ADA	AMERICAN STANDARD LUCERNE WHITE VITREOUS CHINA WALL HUNG LAVATORY MODEL 6356.012 WITH FRONT OVERFLOW, FAUCET LEDGE, 10" SHAPED BOWL, SELF-DRAINAGE DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS AND BRACKET SUPPORT. INSTALL WITH AMERICAN STANDARD INNSBROOK ELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET MODEL 6053.205 BATTERY POWERED FAUCET (0.5 GPM) WITH AMERICAN STANDARD MODEL 605XTM/1070 THERMOSTATIC MIXING VALVE, GRID STRAINER AND TRUEBROOK MODEL 2018-AS-L LAV SHIELD ENCLOSURE AND ALL NECESSARY SUPPORTS AND CONNECTIONS. REFER TO ARCHITECTURAL DWGS. FOR FIXTURE MOUNTING HEIGHTS. P.C. TO FURNISH AND INSTALL McGraw Model # 8902C CAST BODY P-TRAP WITH CLEANOUT WITH 18 GAUGE SEAMLESS TUBULAR WALL BEND, CAST BRASS SLIP JET. REDUCING WASHERS SHALL BE USED WITH REDUCING CAST BRASS T/UT. WITH SMALL LOW DEEP BELL (STEEL, BRASS), OR (FORGED BRASS WITH SET SCREW) FLANGE. FED SPEC WIP 9-941, CAST BRASS P-TRAP, MINIMUM SEAL 2". ASME A112.18.2/CSA B-125.2 P.C. TO FURNISH AND INSTALL McGraw Model # L15707 ANGLE SUPPLY STOP COPPER SWEAT X O.D. CHROME PLATED BRASS, SUPPLY STOP VALVE WITH FULL TURN BRASS STEM. INLET SHALL (3/8-1/2) INCH (IPS) SWEAT COMPRESSION. OUTLET SHALL BE 3/8, 1/2 INCH IPS COMPRESSION. ASME A112.18.2 UPC LOW LEAD. P.C. TO FURNISH AND INSTALL LAVATORY CARRIER (CONCEALED ARMS). REFER TO THE ARCHITECTURAL DRAWINGS FOR WALL THICKNESS. WALL CARRIER FOOTPRINT SHALL FIT WITHIN THE WALL. REGULARLY FURNISHED: SINGLE LAVATORY FIXTURE SUPPORT WITH PAINTED CAST IRON HEADER COUPLINGS, ROUND TUBULAR STEEL UPRIGHTS, CAST IRON CONCEALED ARMS, ZINC PLATED SUPPORT HARDWARE AND WELDED BASE FEET. ASME TYPE 2 CARRIER LOAD RATING-250LB. P.C. TO FURNISH AND INSTALL AMERICAN STANDARD MODEL #723.018 OFF DRAIN WITH OVERFLOW, FOR WHEELCHAIR LAVATORY. POLISHED CHROME FINISH.	1-1/2"	1-1/2"	1/2"	1/2"	--
P-3	WALL MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD AFWALL MILLENNIUM 3361.660, 1.28 GPF EXPOSED TOP SPUD BOWL, W/ SELECTRONIC FLUSH VALVE, WALL MOUNTED ELONGATED FLUSHOMETER VALVE TOILET, VITREOUS CHINA, HIGH EFFICIENCY, PERMANENT EVERCLEAN SURFACE. INHERITS THE GROWTH OF STAIN AND ODOR CAUSING BACTERIA, MOLD, AND MILDEW ON THE SURFACE. CONDENSATION CHANNEL, POWERFUL DIRECT-FEED SPRAY JET ACTION, 1-1/2" INLET SPUD, FULLY GLAZED 2-1/8" TRAPWAY, MODEL 6065.161 ELECTRONIC FLUSH VALVE WITH ELECTRONIC PROXIMITY SYSTEM FOR "HANDS FREE" OPERATION, SELF-CLEANING PISTON OPERATION HELPS PREVENT CLOGGING AND REDUCES MAINTENANCE. MECHANICAL OVERRIDE FLUSH BUTTON, LOW BATTERY INDICATOR. AMERICAN STANDARD SEAT MODEL 5905.100 EXTRA HEAVY DUTY OPEN FRONT LESS COVER. PROVIDE AND INSTALL ALL NECESSARY CONNECTIONS TO COLD WATER, SANITARY WASTE LINES, CHROME ESCUTCHEONS AND SUPPORTS. ZURN ADJUSTABLE COMMERCIAL WALL TOILET CARRIER. COLOR TO BE WHITE. REFER TO THE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.	4"	2"	1-1/2"	--	--
P-4	DECK PLATE CLEAN OUT	ZURN ZH1400-B21-VP CLEANOUT, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, WITH GAS AND WATER TIGHT THREADED ABS TAPERED PLUG, POLISHED NICKEL BRONZE TOP AND VANDAL-PROOF SCREWS, (CLEANOUT SIZE TO MATCH PIPE SIZE)	--	--	--	--	--
P-5	WALL CLEANOUT	ZURN Z1441 WALL CLEANOUT, DURA-COATED CAST IRON BODY, GAS AND WATERTIGHT ABS TAPERED THREAD PLUG, AND ROUND, SMOOTH STAINLESS STEEL ACCESS COVER WITH SECURING SCREW.	--	--	--	--	--
P-6	FLOOR DRAIN	ZURN MODEL# ZN415E BODY W/ "TYPE E" STRAINER. FLOOR AND SHOWER DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, COMBINATION INVERTIBLE MEMBRANE CLAMP AND ADJUSTABLE COLLAR WITH SEEPAGE SLOTS AND "TYPE E" POLISHED, NICKEL BRONZE STRAINER WITH 4" DIAMETER FUNNEL. P.C. TO FURNISH AND INSTALL WITH J.R. SMITH #2692-04 QUAD CLOSE TRAP SEAL.	4"	2"	1/2"	--	--
P-7	WALL MOUNTED URINAL - ADA	AMERICAN STANDARD WASHBROOK FLO-WISE WHITE VITREOUS CHINA URINAL MODEL 6590.525 TOP SPUD, WALL MOUNTED. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED ELECTRONIC FLO-WISE FLUSHOMETER MODEL 6063.013.002 LOW CONSUMPTION (1.25 G P F) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. REFER TO ARCHITECTURAL DWGS. FOR FIXTURE MOUNTING HEIGHTS. P.C. TO FURNISH AND INSTALL WADE MODEL #400-AM11 URINAL CARRIER. UNIVERSAL HANGER PLATE CARRIER WITH PIPE UPRIGHTS, WELDED BASE FEET, UPPER PLATE WITH HANGER SUPPORT HARDWARE AND LOWER PLATE BEARING SUPPORTS STUDS.	2"	1-1/2"	1"	--	--
P-8	HAMMER ARRESTOR	OATEY QUIET PISTES HAMMER ARRESTORS SIZE A-F. ARRESTOR CHAMBERS SHALL BE SPECIFICALLY SIZED TO ACCOMMODATE AND DISSIPATE ENERGY GENERATED BY SUCH VALVES AND FAUCETS. ARRESTORS SHALL BE EFFECTIVE WHEN INSTALLED ANY ANGLE. ARRESTOR SHALL BE LEAD-FREE, MADE OF COPPER AND INCLUDE POLYPROPYLENE PISTON WITH TWO NBR O-RINGS. ARRESTORS SHALL BE ANSI/ASSE 1010-200 CERTIFIED AND APPROVED FOR INSTALLATION WITH NO ACCESS PANEL REQUIRED. ARRESTOR BODY COPPER (TYPE K), PISTON POLYPROPYLENE WITH TWO NBR O-RINGS. PISTON LUBRICATION: DOW CORNING MOLYKOTE 111. FITTINGS AVAILABLE: MALES SWEAT/PRESS FEMALE CPVC, MP, F 1807 PEX & F 1960 PEX (NO LEAD BRASS C44600). TEMPERATURE RANGE: 33°F - 180°F. MAX WORKING PRESSURE: 0-400 Psi. ANSI/ASSE 1010-200-4 UPC, PDI WH-201-2017.	--	--	1"	--	--
P-9	BOTTLE FILLING STATION	FURNISH AND INSTALL ELKAY MODEL LZBWSMCMC EZH200B REFRIGERATED SURFACE MOUNT BOTTLE FILLING STATION, FILTERED 8GPH STAINLESS STEEL, CHILLING CAPACITY OF 8.0 GPH (GALLONS PER HOUR) OF 50 F DRINKING WATER, BASED ON 80 F INLET WATER AND 90 F AMBIENT, PER ASHRAE 18 TESTING. FEATURES SHALL INCLUDE ANTIMICROBIAL, FILTERED, HANDS FREE, LAMINAR FLOW, REAL DRAIN, VISUAL FILTER MONITOR, ELECTRONIC BOTTLE FILLER SENSOR ACTIVATION. PRODUCT SHALL BE WALL MOUNT (ON WALL), FOR INDOOR APPLICATIONS, SERVING 1 STATION(S). UNIT SHALL BE CERTIFIED TO UL 399 AND CAN/CSA C22.2 NO. 120. UNIT SHALL BE LEAD-FREE DESIGN WHICH IS CERTIFIED TO NSF/ANSI 61 & 372 (LEAD FREE) AND MEETS FEDERAL AND STATE LOW-LEAD REQUIREMENTS. INSTALL ADA COOLER PER GUIDELINES 32" FROM FLOOR TO ORIFICE HEIGHT. FURNISH WITH MLP100 IN WALL CARRIER.	2"	1-1/2"	1/2"	--	--
P-9	FLOOR MOUNTED WATER CLOSET - ADA	AMERICAN STANDARD MADERA FLO-WISE 16-1/2" HEIGHT WHITE VITREOUS CHINA WITH EVERCLEAN TOILET NO. 3461.660 FLOOR MOUNTED WITH TOP SPUD. THE TOP OF WATER CLOSET SEAT SHALL BE 17-1/2" ABOVE FINISHED FLOOR. PROVIDE AND INSTALL AMERICAN STANDARD BATTERY POWERED AND SENSOR OPERATED ELECTRONIC FLO-WISE FLUSHOMETER MODEL 6065.121.002 LOW CONSUMPTION (1.25 G P F) AND ALL NECESSARY SUPPORTS AND CONNECTIONS. FURNISH WITH AMERICAN STANDARD ELONGATED HEAVY DUTY WHITE PLASTIC SEAT MODEL 5901, OPEN FRONT WITH EVERCLEAN SURFACE.	4"	2"	1-1/2"	--	--
P-10	LAY-IN SINK - ADA	ELKAY LUSTERTONE™ CLASSIC STAINLESS STEEL 19" X 18" X 8" SINGLE BOWL DROP-IN ADA SINK. SINK IS MANUFACTURED FROM 18 GAUGE 304 STAINLESS STEEL WITH A LUSTROUS SATIN FINISH. REAR CENTER DRAIN PLACEMENT, AND BOTTOM ONLY PADS. P.C. TO FURNISH AND INSTALL ELKAY MODEL # LK402S 3-1/2" DRAINING FITTING WITH 3-1/2" DRAIN OPENING WITH AN OVERALL FLANGE SIZE OF 4-1/2" - 1-1/2" O.D. X 4" CHROME PLATED BRASS TAILPIECE, STRAINER BASKET WITH METAL STEM AND RUBBER SEAL. TYPE 304 STAINLESS STEEL BODY, POLISHED FINISH. PRODUCT COMPLIANCE: ASME A11.18.2/CSA B125.2 F. ELKAY 4" CENTERSET MODEL LK406LQNB14 WITH EXPOSED DECK LAMINAR FLOW FAUCET WITH 4" GOOSENECK SPOUT 4" WRISTBLADE HANDLES CHROME, CHROME PLATED BRASS MATERIAL, WITH A QUARTER TURN CERAMIC DISC VALVE. FAUCET REQUIRES 2 FAUCET HOLES. MOUNTING TYPE: DECK MOUNT. SPECIAL FEATURES: LOW FLOW SOLID BRASS CONSTRUCTION SPOUT BOWING RESTRICTION PAH FINISH: CHROME. (R) HANDLE TYPE: 4" WRISTBLADE HANDLE. DECK CLEARANCE: 9-1/2" SPOUT REACH: 8" SPOUT HEIGHT: 14-1/8" HOLE DRILLINGS: 2 MATERIAL: CHROME PLATED BRASS. VALVE TYPE: QUARTER TURN CERAMIC DISC. VALVE CONNECTION: 1/2" NPSM MALE. FLOW RATE: 1.5 GPM. FAUCET HOLE SPREAD: 4. SPOUT TYPE: GOOSENECK.	2"	1-1/2"	1/2"	1/2"	--

LEGEND	
	COLD WATER SUPPLY LINE
	HOT WATER SUPPLY LINE
	HOT WATER RETURN LINE
	TEMPERED WATER LINE
	VENT LINE
	SANITARY WASTE LINE
	BALANCING VALVE
	BALL VALVE
	UNION
	CLEAN OUT DECK PLATE
	CLEANOUT IN WALL -
	CLEAN OUT
	PIPE RUNNING UP
	PIPE RUNNING DOWN
	FLOOR DRAIN
	ROOF DRAIN
	STRAINER
	SOLENOID CONTROLLED VALVE
	POINT OF DISCONNECTION/CONNECTION
	INTERIOR WALL HYDRANT
	SEE PLUMBING FIXTURE SCHEDULE
	CHECK VALVE
	UNLESS OTHERWISE NOTED
	ABOVE FINISHED GRADE

### GENERAL PLUMBING NOTES:

1. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW YORK STATE BUILDING CODE AND OF ALL AUTHORITIES HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND PAYING RELATED FEES.
2. PROVIDE ALL REQUIRED OFFSETS, FITTINGS, VALVES, TRAPS, DRAINS ETC. EVEN THOUGH NOT INDICATED DUE TO SMALL SCALE OF DRAWINGS.
3. CHECK DRAWINGS OF OTHER TRADES AND ARRANGE WORK TO AVOID ANY CONFLICTS.
4. RUN PIPING IN WALL CHASE, RECESSES, PIPE SHAFTS AND HUNG CEILING WHERE PROVIDED, COORDINATE LOCATION WITH OTHER TRADES.
5. PROVIDE ACCESSIBLE CONTROL TO VALVES WHERE NOTED OR REQUIRED FOR COMPLETE WORK FOR STEMS, PLUMBING FIXTURES ACCESSIBLE.
6. USE INCREASER FITTINGS FOR CHANGES IN PIPE SIZE. USE NO BUSHINGS EXCEPT WITH SPECIAL PERMISSION BY ENGINEER.
7. PLUMBING CONTRACTOR SHALL FURNISH ALL SUPERVISION, LABOR, MATERIALS, EQUIPMENT AND APPLIANCES REQUIRED FOR A COMPLETE PLUMBING AND DRAINAGE INSTALLATION AS SHOWN ON THE DRAWING, INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS:
  - 7.1. INSTALL ALL NEW PIPING CONNECTIONS TO PLUMBING FIXTURES AND FITTINGS ETC.
  - 7.2. PROVIDE AND INSTALL NEW HOT & COLD WATER CONNECTIONS TO ALL NEW PLUMBING FIXTURES AS SHOWN.
  - 7.3. ROUGH-IN AND FINAL CONNECTIONS TO ALL NEW PLUMBING FIXTURES.
  - 7.4. ALL NECESSARY HANGERS AND INCIDENTALS AS REQUIRED TO MAKE EACH SYSTEM COMPLETE.
  - 7.5. CONTRACTOR SHALL PROVIDE AND INSTALL 1" THICK FACED FIBERGLASS PIPE INSULATION ON ALL NEW HOT & COLD WATER PIPING.
  - 7.6. PERFORM ALL TEST AND ADJUSTMENT TO ALL SYSTEMS UNDER THIS CONTRACT AND DOCUMENT SAME TO PROVE PROPER OPERATION TO OWNER AND THE ENGINEER.
8. RUN VENT PIPING WITH LONG TURN ELBOWS AT CHANGES IN DIRECTION, GRADE TO DRAIN OUT OF CONDENSATION AND CONNECT AT BASE TO PREVENT ACCUMULATION OF RUST.
9. PROVIDE CLEAN OUTS (FULL SIZE UP TO 4" AND AT LEAST 4"- HALF-SIZE FOR LARGER PIPE) WHERE INDICATED.
10. INTERIOR DOMESTIC WATER PIPING SHALL BE TYPE "L" COPPER. UNDERGROUND DOMESTIC WATER PIPING SHALL BE TYPE "K" COPPER FOR UP TO 2" AND DUCTILE IRON OVER 2". WASTE PIPING SHALL BE SERVICE WEIGHT CAST IRON SOIL PIPE, HUB AND SPIGOT UNDERGROUND AND NO-HUB INSIDE BUILDING. VENT PIPING SHALL BE NO HUB CAST IRON.
11. PIPE INSULATION SHALL BE AS FOLLOWS:

FOR PIPING	1-1/2" and BELOW	1-1/2" and ABOVE
HOT & TEMPERED WATER	1"	1-1/2"
COLD WATER	1/2"	1"

12. ALL WORK SHALL BE PROPERLY TESTED AND CLEANED. PROVIDE ONE YEAR WARRANTY FROM DATE OF ENGINEER'S ACCEPTANCE ON ALL PARTS AND LABOR.
13. RUN ALL WATER AND WASTE LINES IN GENERAL LOCATIONS SHOWN BUT CONFORM TO ALL STRUCTURAL AND FINISH CONDITIONS OF BUILDING. COORDINATE WITH ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATIONS.
14. ALL WATER LINES IN EXTERIOR WALL SHOULD BE BETWEEN INSULATION AND INTERIOR OF WALL.
15. ALL CONCRETE FLOOR OR WALL CUTTING AND PATCHING BY PLUMBING CONTRACTOR.
16. WHERE DISSIMILAR METALS ARE CONNECTED, PROVIDE AN APPROVED MAKE OF NON-GALVANIC ISOLATOR, DIELECTRIC UNION OR FLANGES.
17. ALL VERTICAL ENCLOSURES AND CHASES FOR PIPING BY G.C. UNLESS OTHERWISE NOTED.
18. ALL PLUMBING PIPING PENETRATIONS THROUGH FIRE RATED WALL OR FLOOR ASSEMBLIES SHALL BE FIRE-STOPPED WITH "METACALK 1000" FIRE RESISTANT CAULKING (3/4" DEPTHS SIDES OF PENETRATION). SEE SPEC. SECTION 15050A, 2.15 & 3.12.

### UTILITY NOTES:

1. PIPING LOCATIONS ARE SCHEMATIC AND EACH TRADE SHALL RUN PIPING IN ORDER TO USE THE LEAST AMOUNT OF MATERIAL.
2. PLUMBING CONTRACTOR SHALL PROVIDE VENT PIPING FOR ALL PLUMBING FIXTURES AS PER CODE.
3. PLUMBING NOTE: PIPING SIZES SEE SCHEDULE THIS SHEET.
4. P.C. TO VERIFY SIZE OF SERVICE REQUIRED, SIZE AND EXACT LOCATION OF CONNECTIONS TO EACH PIECE OF FIXTURE AND/OR APPLIANCE.

#### EPA 67.4 NOTE:

1. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL NEW AND/OR REPLACEMENT PLUMBING FIXTURES. THE RESPECTIVE FIXTURES MUST ADHERE TO THE "LEAD-FREE" DIVISION 16A SPECIFICATIONS OUTLINING THE INSTALLATION MEANS AND METHODS AS WELL AS THE FIXTURE ITSELF BEING "LEAD FREE". THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR ALL FIXTURES AND BUILDING MATERIALS PRIOR TO THE FIXTURE INSTALLATION, AND CONFIRM ON THE JOBSITE THAT THE FIXTURE ADHERES TO "LEAD-FREE" REGULATIONS.
  - a. FOLLOWING THE POTABLE FIXTURE INSTALLATION, THE P.C. SHALL REMOVE ALL FILTERS AND STRAINERS AND FLUSH THE FIXTURE OF DEBRIS FROM THE SYSTEM.
2. FOLLOWING THE COMPLETION OF THE P.C. WORK SCOPE, THE OWNER SHALL HAVE THE WATER CONDITIONS TESTED FOR LEAD CONTAMINANTS BY A THIRD-PARTY TESTING FIRM TO REGULATION 67.4 OF THE DEPARTMENT OF HEALTH REGULATIONS AS PART OF SECTION 1417 OF THE FEDERAL SAFE WATER ACT TO DETERMINE THEM AS "LEAD-FREE" COMPLIANT, AND NYSED GUIDELINES OF LESS THAN 15PPB.
3. IF A FIXTURE DOES NOT COMPLY WITH SUB-PART REGULATION 67.4 OF THE DOH SECTION 1417 OF THE FEDERAL SAFE WATER ACT, THE P.C. SHALL PROVIDE A REPLACEMENT FIXTURE AT NO ADDITIONAL COST. TO THEN REPEAT THE INSTALLATION AND TESTING REQUIREMENTS. THE P.C. SHALL ABSORB THE FEE FOR THE FIRST LEAD TESTING PROCEDURE AS WELL AS THE FOLLOWING CONFIRMATION PROCEDURES AT NO ADDITIONAL COST TO THE OWNER.

#### CONTRACTOR ABBREVIATION LEGEND

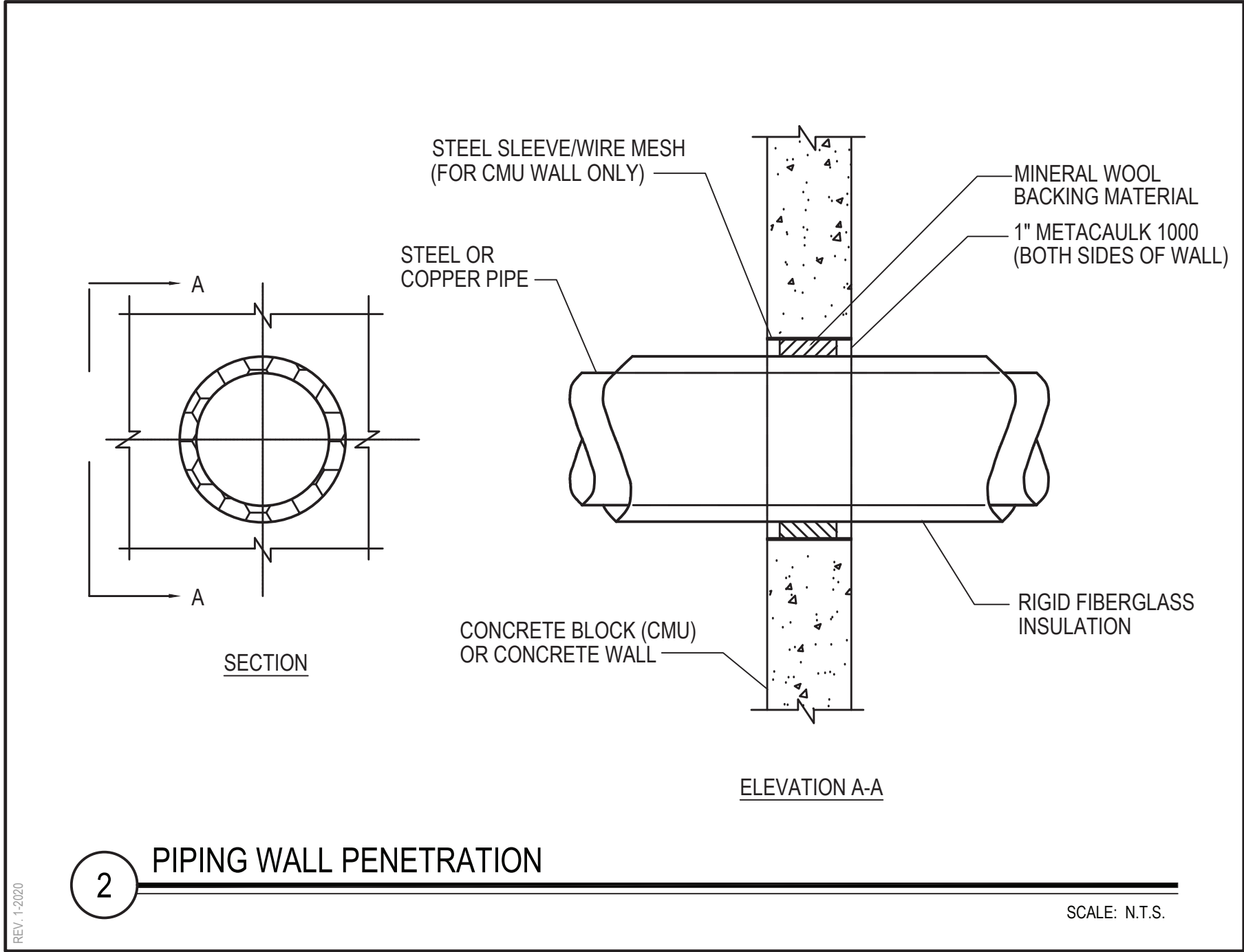
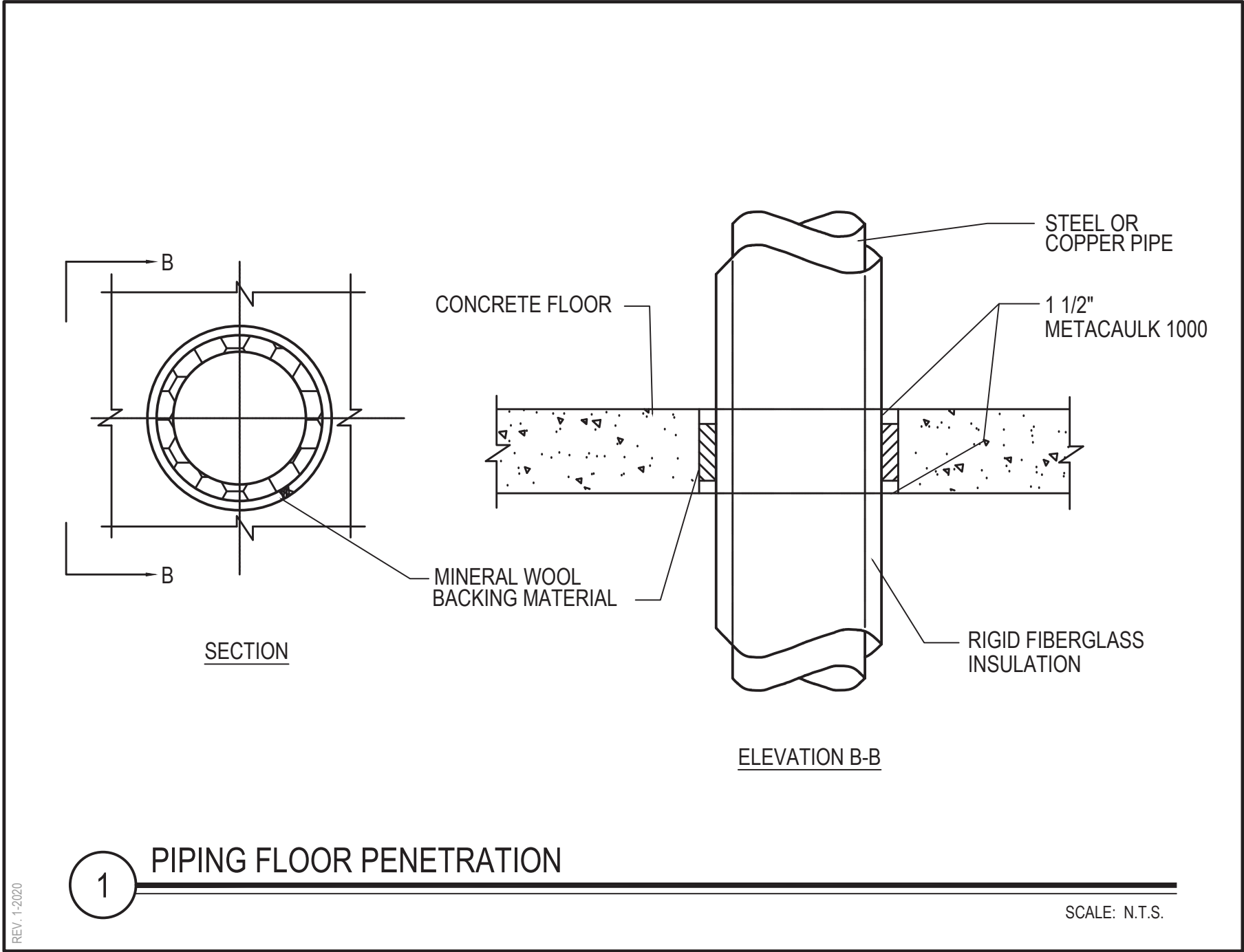
G.C.	GENERAL CONSTRUCTION CONTRACTOR
M.C.	MECHANICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
A.C.	ASBESTOS ABATEMENT CONTRACTOR

### EXISTING PLUMBING PIPING FIELD VERIFICATION NOTES:

1. PLUMBING CONTRACTOR (P.C.) SHALL BE RESPONSIBLE TO INCLUDE IN THEIR PROPOSAL, EXISTING FIELD VERIFICATION OF ALL EXISTING PLUMBING INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
  1. COLD WATER LINES
  2. HOT WATER SUPPLY LINES
  3. HOT WATER RECIRCULATION LINES
  4. SANITARY WASTE LINES
  5. VENT LINES

### PLUMBING DEMOLITION NOTES:

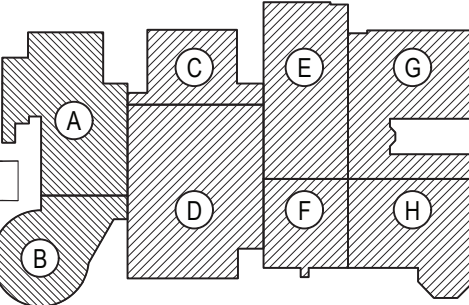
- FOR PLUMBING FIXTURES TO BE REMOVED AND NOT REPLACED IN ORIGINAL LOCATION - P.C. TO REMOVE EXISTING PLUMBING ROUGH-INS, PIPING ETC. BACK TO POINT OF CONCEALMENT WITHIN OR BEHIND WALLS, BELOW FLOORS OR ABOVE CEILING TO MAIN BRANCHES, STACKS OR RISER AS REQUIRED TO ELIMINATE DEAD END PIPING RUNS LONGER THAN 1'-0".
- FOR PLUMBING FIXTURES TO BE REMOVED AND REPLACED WITH NEW OF SIMILAR TYPE, THE P.C. SHALL DISCONNECT AND REMOVE EXISTING PLUMBING FIXTURE AND MAINTAIN OR MODIFY EXISTING PLUMBINGS ROUGH-INS, PIPING ETC. AS REQUIRED TO ACCOMMODATE INSTALLATION OF NEW PLUMBING FIXTURE.



REV.	DATE	ITEM

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**KEY PLAN**

NOT TO SCALE

**PROJECT**

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**

PLUMBING  
GENERAL NOTES, LEGENDS, AND SCHEDULES

**DRAWING BY:** Z.M.Z.

**CHECK BY:**

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**SED No:** 66-14-02-02-0-004-023

**DISTRICT:** BRIARCLIFF MANOR UFSD

**PROJECT:** PHASE 2 BOND IMPROVEMENTS

**DWG TITLE:** GENERAL NOTES, LEGENDS AND SCHEDULES

**SCALE:** AS NOTED

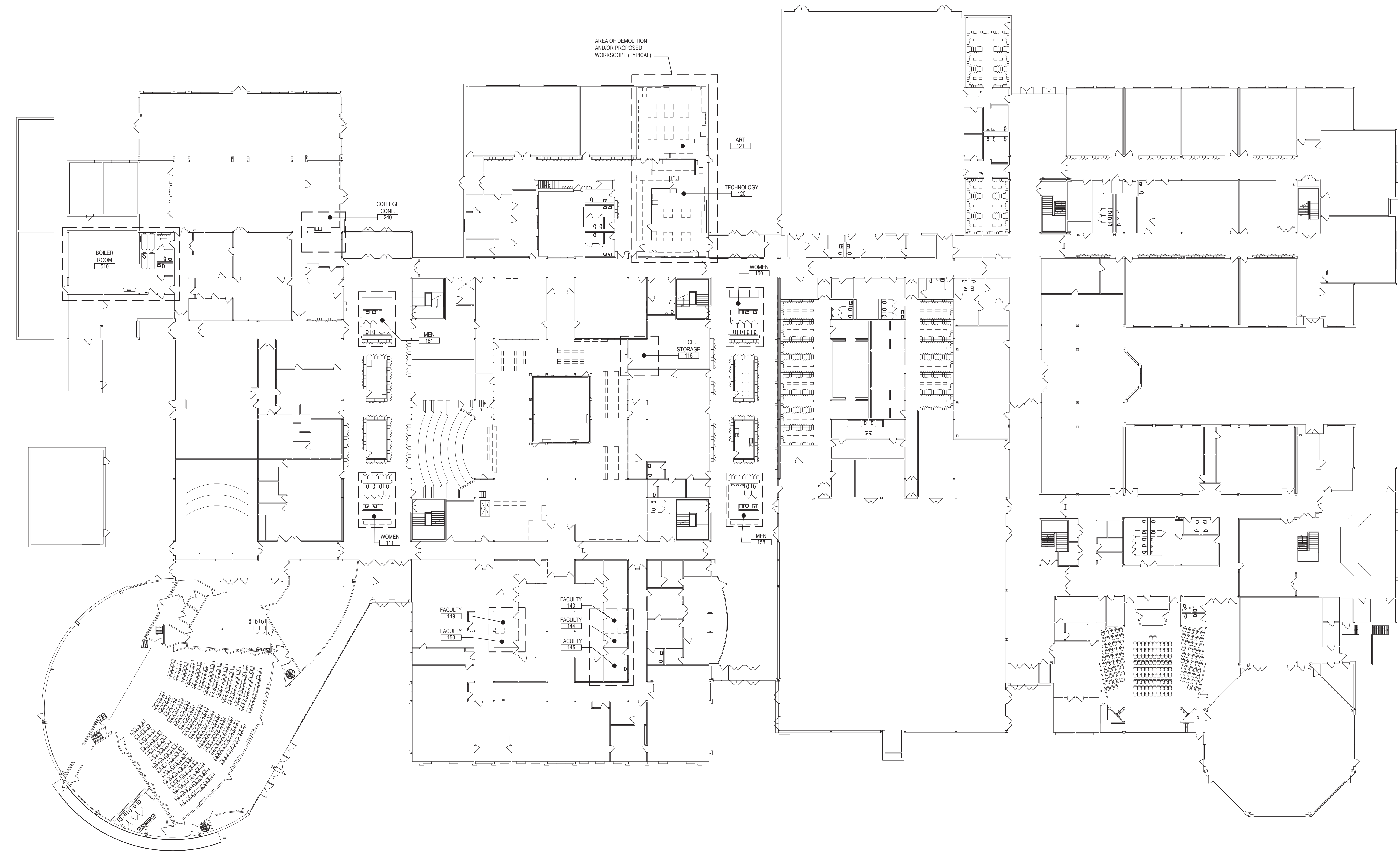
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**FILE No:** 21-274C

**P0.01** **HSMS**





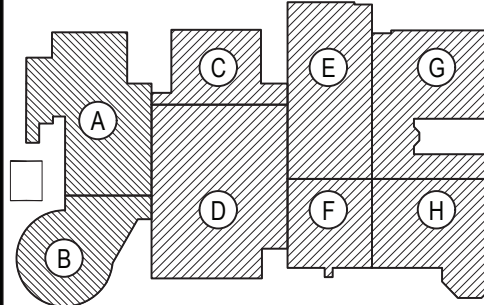
BUILDING DEMOLITION/PROPOSED WORK KEY PLAN

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL AND MIDDLE SCHOOL

SCALE: NOT TO SCALE

REV.	DATE	ITEM

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KEY PLAN  
NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
PLUMBING  
BUILDING KEY PLAN

DRAWING BY: ZMZ  
CHECK BY: MSH

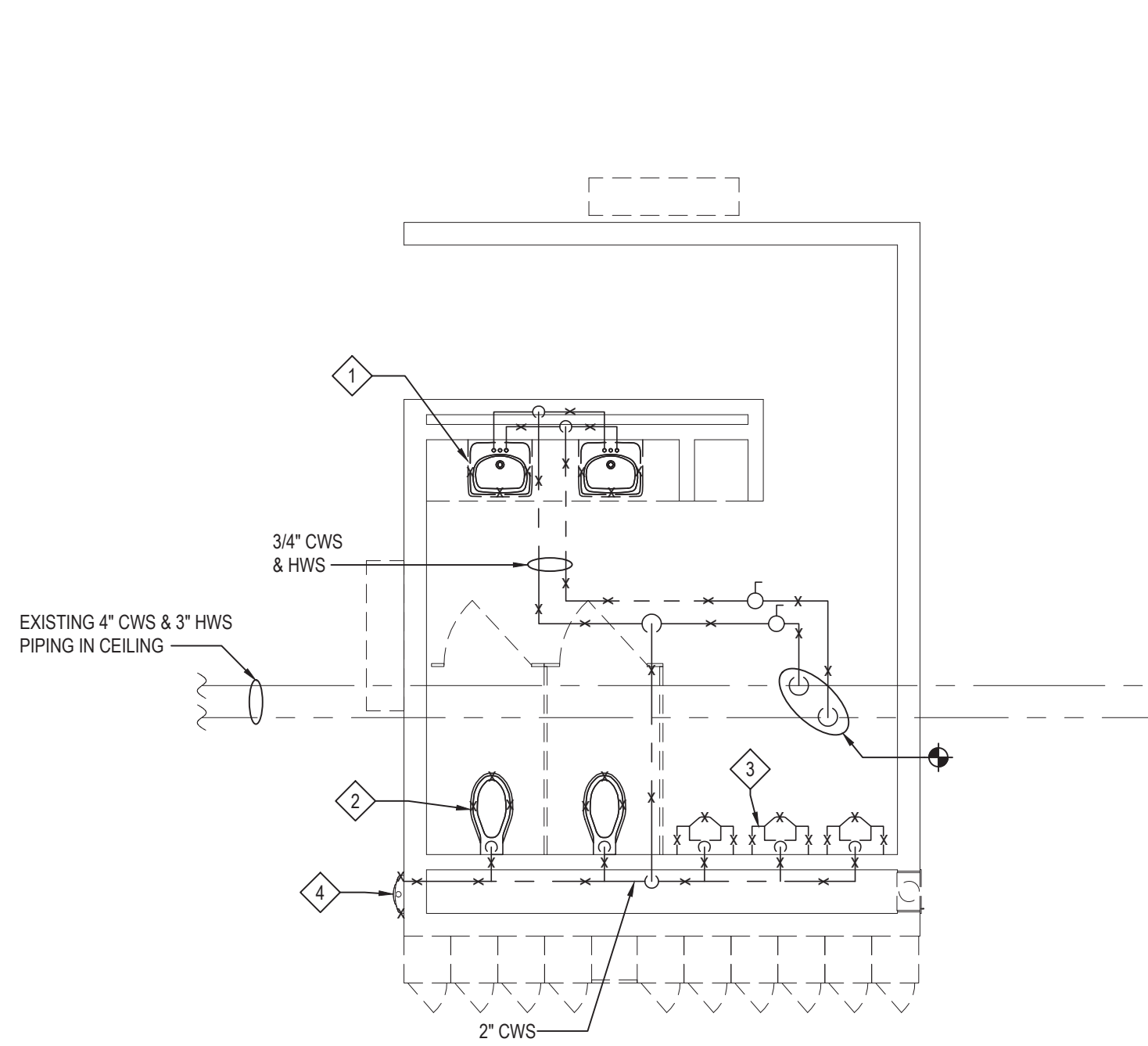
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PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: BUILDING KEY PLAN  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
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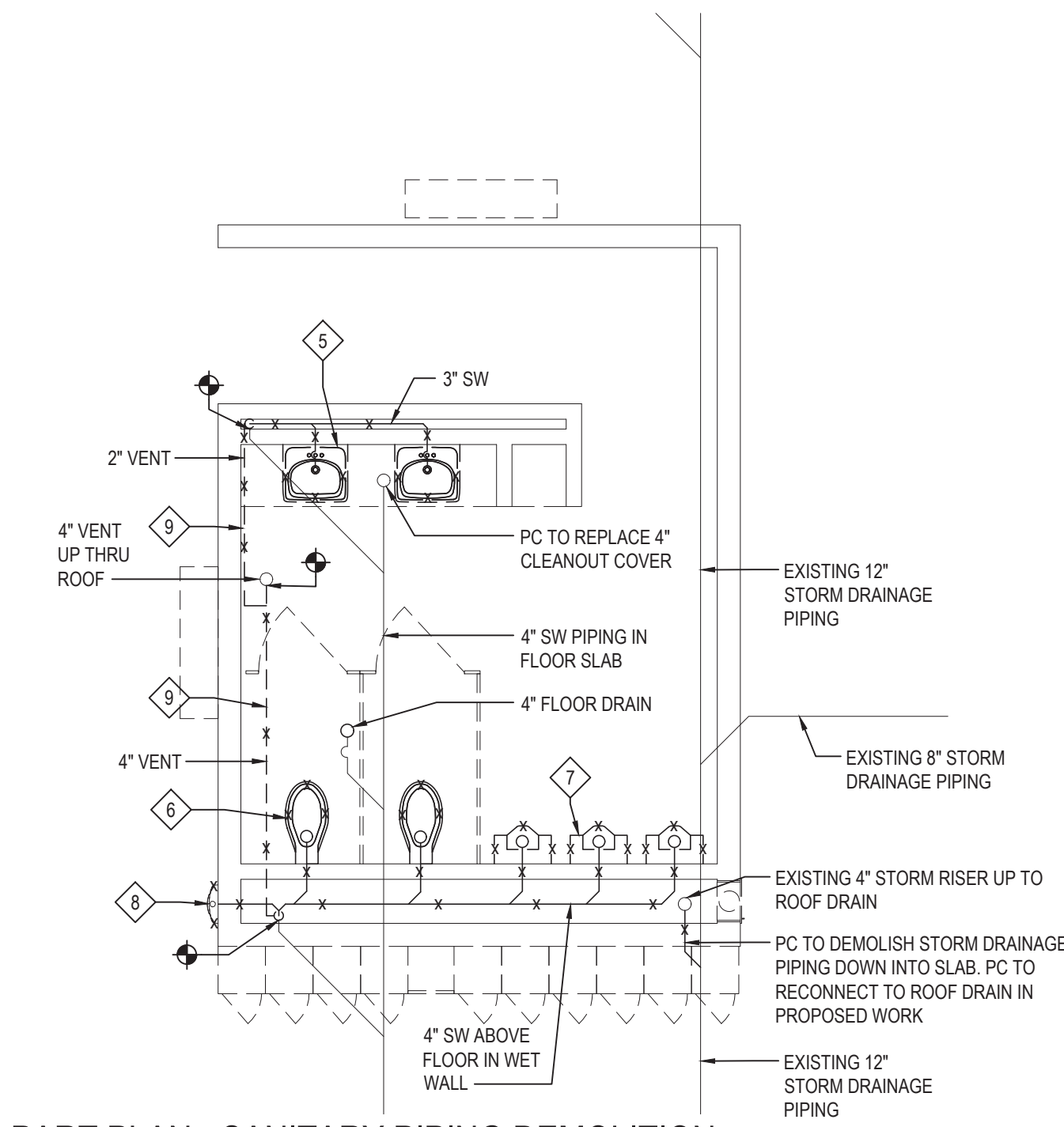




PART PLAN - DOMESTIC PIPING DEMOLITION

NOTE:

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



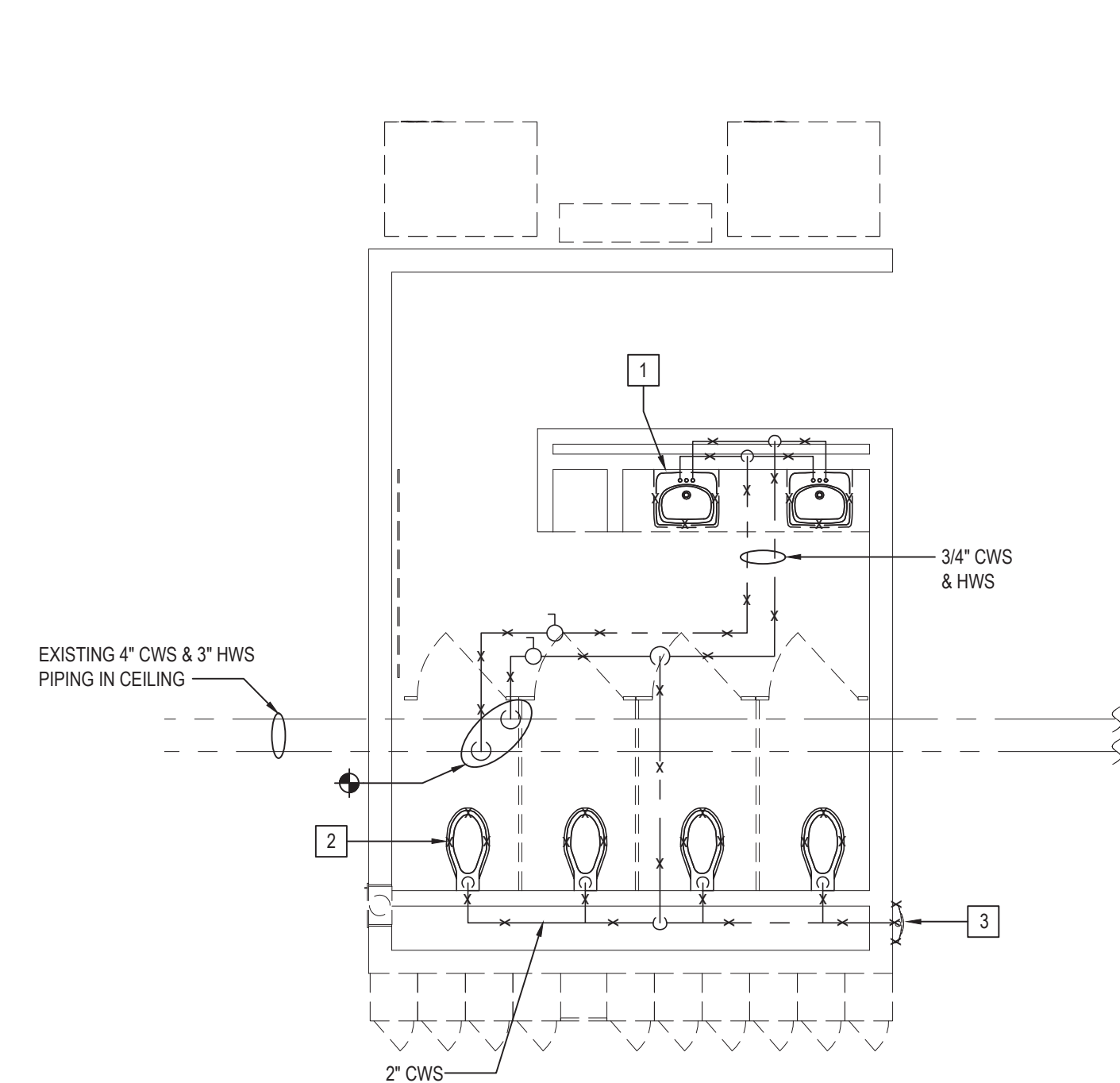
PART PLAN - SANITARY PIPING DEMOLITION

NOTE:

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

PLUMBING DEMOLITION KEY NOTES

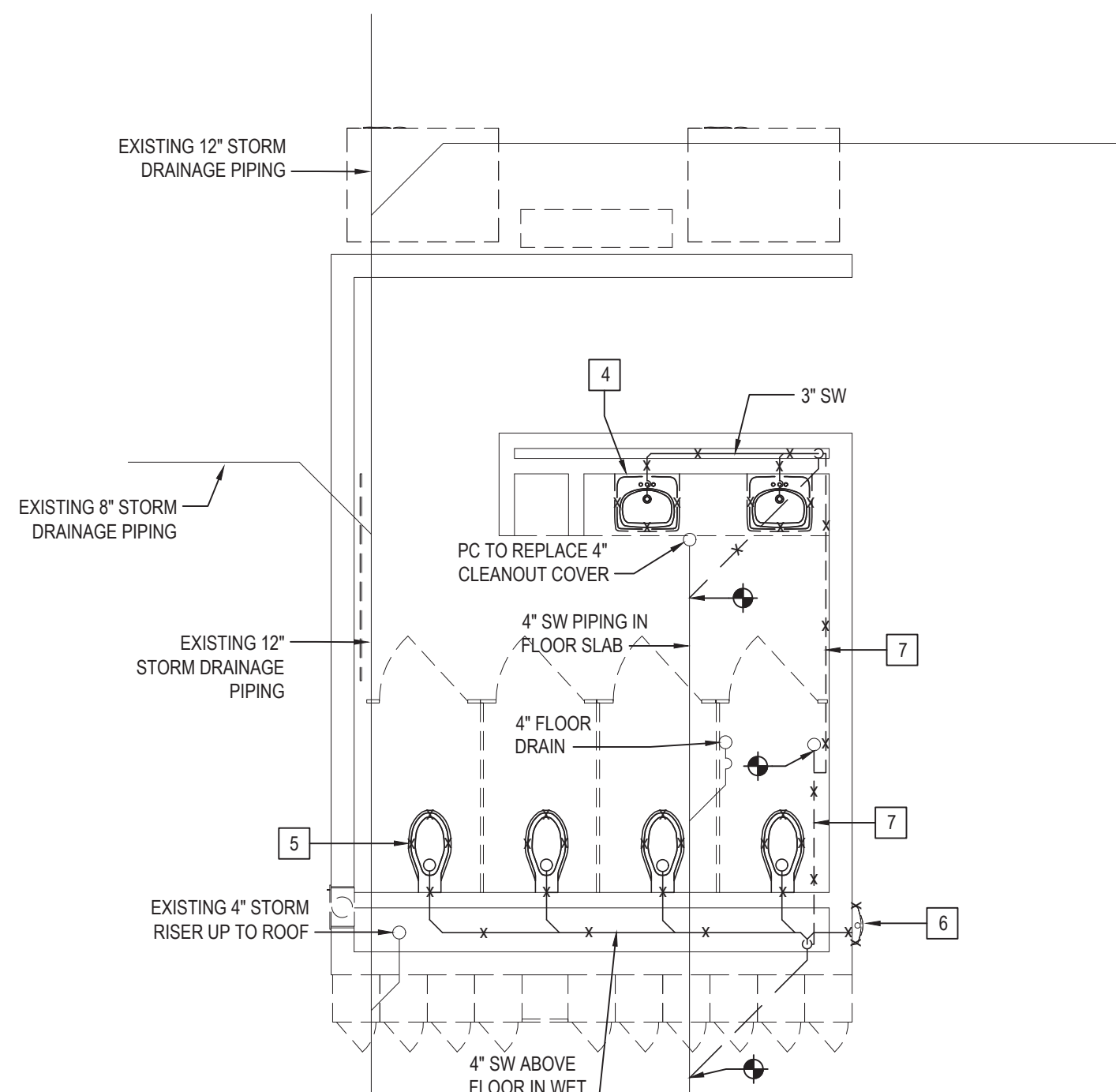
- 1 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED 3/4" CWS AND HWS PIPING FROM FIXTURE BACK TO MAIN AS SHOWN.
- 2 PC TO DEMOLISH AND REMOVE WALL MOUNTED WATER CLOSET (TYP. OF TWO IN ROOM) AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 3 PC TO DEMOLISH AND REMOVE WALL MOUNTED URINAL (TYP. OF THREE IN ROOM) AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 4 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 5 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED 3" SW PIPING BACK TO FLOOR.
- 6 PC TO DEMOLISH AND REMOVE WALL MOUNTED WATER CLOSET (TYP. OF TWO IN ROOM) AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 7 PC TO DEMOLISH AND REMOVE WALL MOUNTED URINAL (TYP. OF THREE IN ROOM) AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 8 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 9 PC TO DEMOLISH AND REMOVE EXISTING VENT PIPING HEADER IN CEILING AS SHOWN UP TO POINT OF RISER. EXISTING RISER TO ROOF TO REMAIN IN PLACE.



PART PLAN - DOMESTIC PIPING DEMOLITION

NOTE:

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



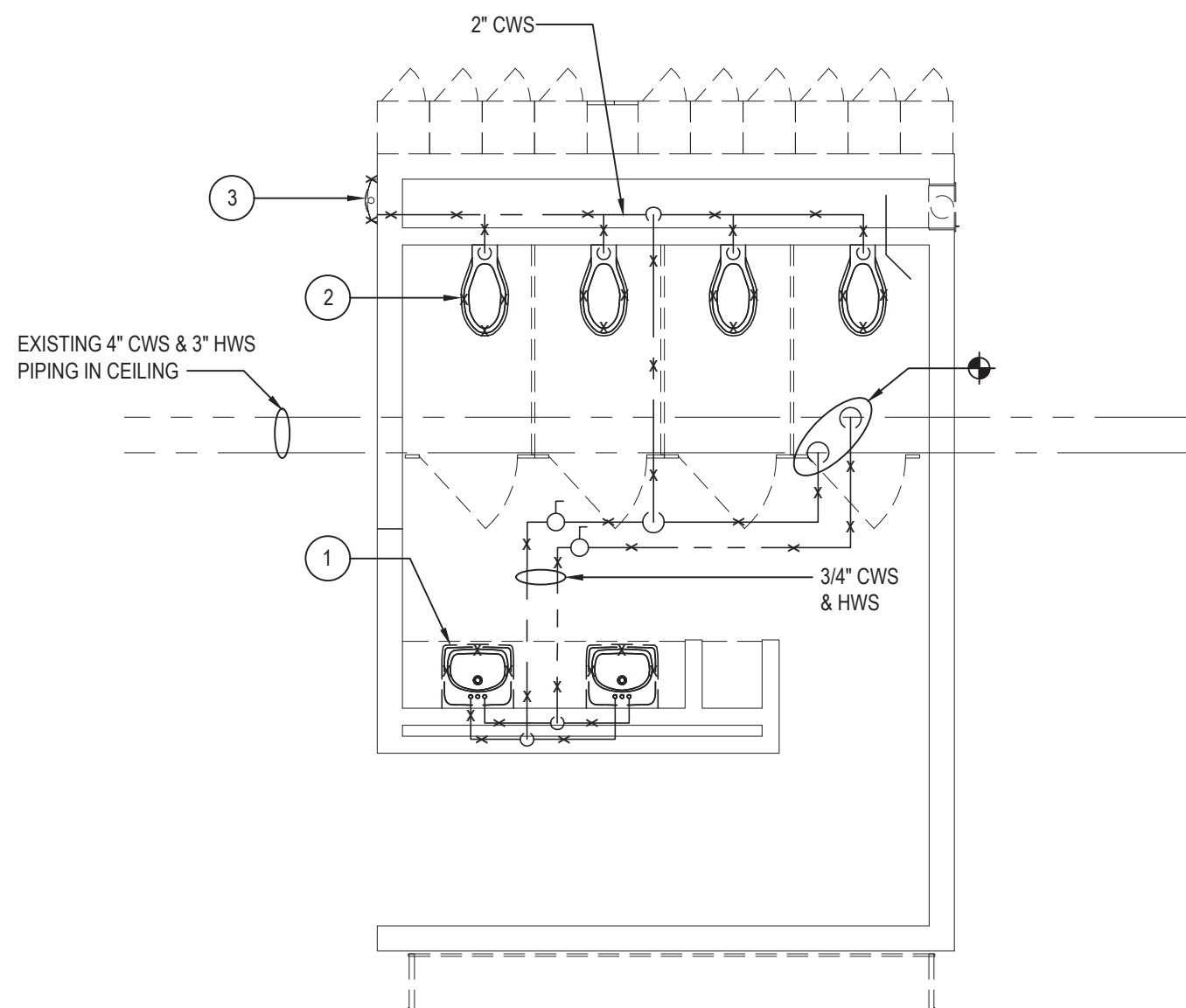
PART PLAN - SANITARY PIPING DEMOLITION

NOTE:

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

PLUMBING DEMOLITION KEY NOTES

- 1 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED CWS AND HWS PIPING FROM FIXTURE BACK TO MAIN AS SHOWN.
- 2 PC TO DEMOLISH AND REMOVE WALL MOUNTED WATER CLOSET (TYP. OF FOUR IN ROOM) AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 3 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 4 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED SW PIPING BACK TO FLOOR LEVEL.
- 5 PC TO DEMOLISH AND REMOVE WALL MOUNTED WATER CLOSET (TYP. OF FOUR IN ROOM) AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 6 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 7 PC TO DEMOLISH AND REMOVE EXISTING VENT PIPING HEADER IN CEILING AS SHOWN UP TO POINT OF RISER. EXISTING RISER TO ROOF TO REMAIN IN PLACE.



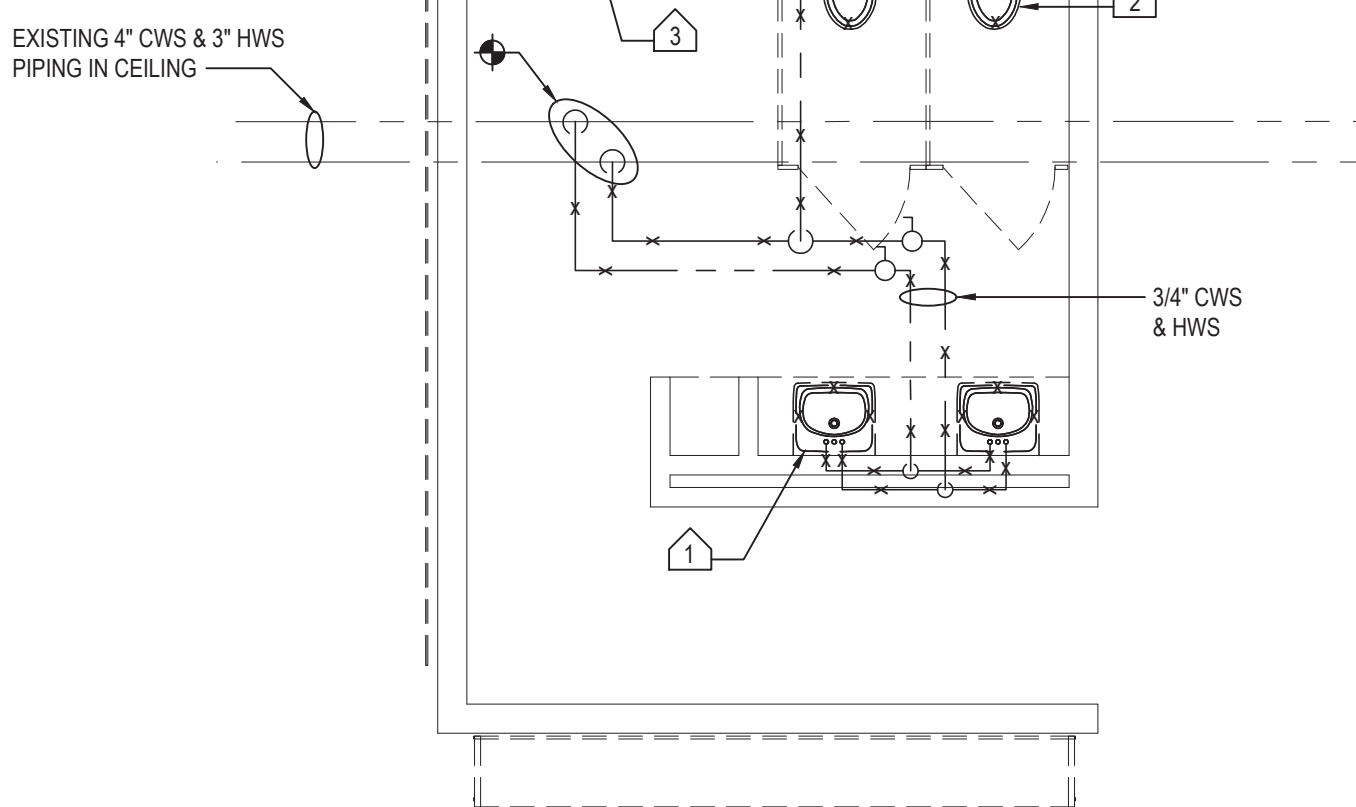
PART PLAN - DOMESTIC PIPING DEMOLITION

NOTE:

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

PLUMBING DEMOLITION KEY NOTES

- 1 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED CWS AND HWS PIPING FROM FIXTURE BACK TO MAIN AS SHOWN.
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- 5 PC TO DEMOLISH AND REMOVE WALL MOUNTED WATER CLOSET (TYP. OF FOUR IN ROOM) AND DISCONNECT ASSOCIATED SW PIPING BACK TO FLOOR AS SHOWN.
- 6 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED SW PIPING BACK TO FLOOR AS SHOWN.
- 7 PC TO DEMOLISH AND REMOVE EXISTING VENT PIPING HEADER IN CEILING AS SHOWN UP TO POINT OF RISER. EXISTING RISER TO ROOF TO REMAIN IN PLACE.



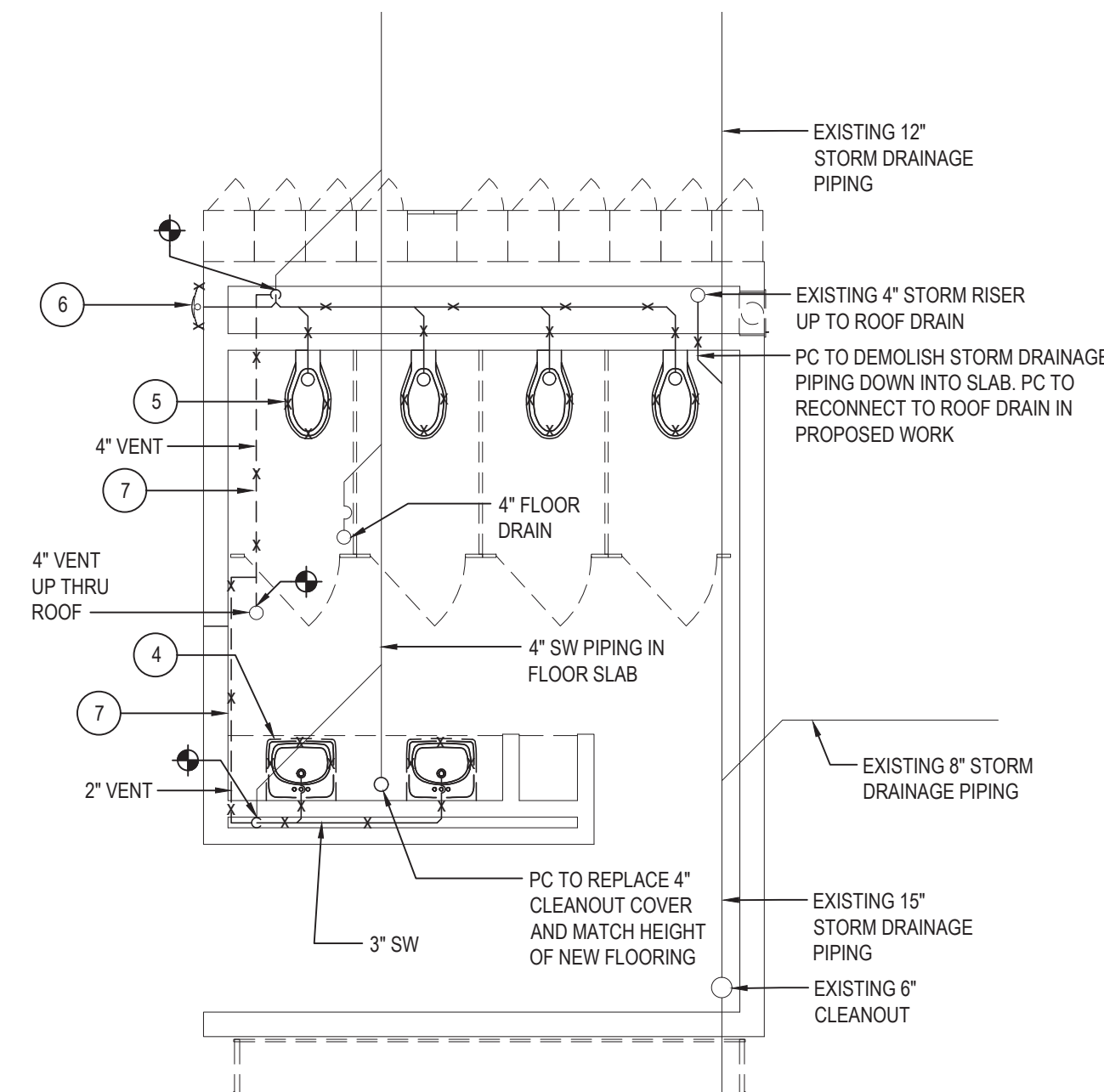
PART PLAN - DOMESTIC PIPING DEMOLITION

NOTE:

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

PLUMBING DEMOLITION KEY NOTES

- 1 PC TO DEMOLISH AND REMOVE EXISTING LAVATORY (TYPICAL OF TWO IN TOILET ROOM) AND DISCONNECT ASSOCIATED CWS AND HWS PIPING FROM FIXTURE BACK TO MAIN AS SHOWN.
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- 3 PC TO DEMOLISH AND REMOVE WALL MOUNTED URINAL (TYP. OF THREE IN ROOM) AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
- 4 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED CWS PIPING BACK TO MAIN AS SHOWN.
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- 8 PC TO DEMOLISH AND REMOVE RECESSED WATER FOUNTAIN AND DISCONNECT ASSOCIATED SW PIPING BACK TO MAIN AS SHOWN.
- 9 PC TO DEMOLISH AND REMOVE EXISTING VENT PIPING HEADER IN CEILING AS SHOWN UP TO POINT OF RISER. EXISTING RISER TO ROOF TO REMAIN IN PLACE.



PART PLAN - SANITARY PIPING DEMOLITION

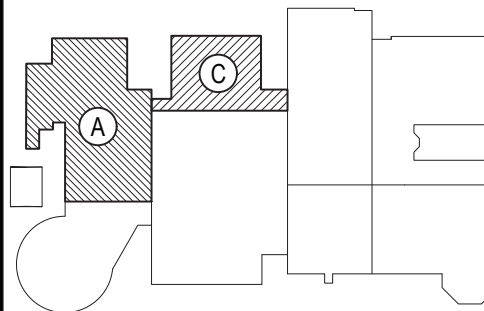
NOTE:

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

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
PLUMBING  
FIRST FLOOR DEMOLITION

DRAWING BY: Z.M.Z.  
CHECK BY: F.S.

NOTICE

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SED No: 66-14-02-02-0-004-023

DISTRICT: BRIARCLIFF MANOR UFSD

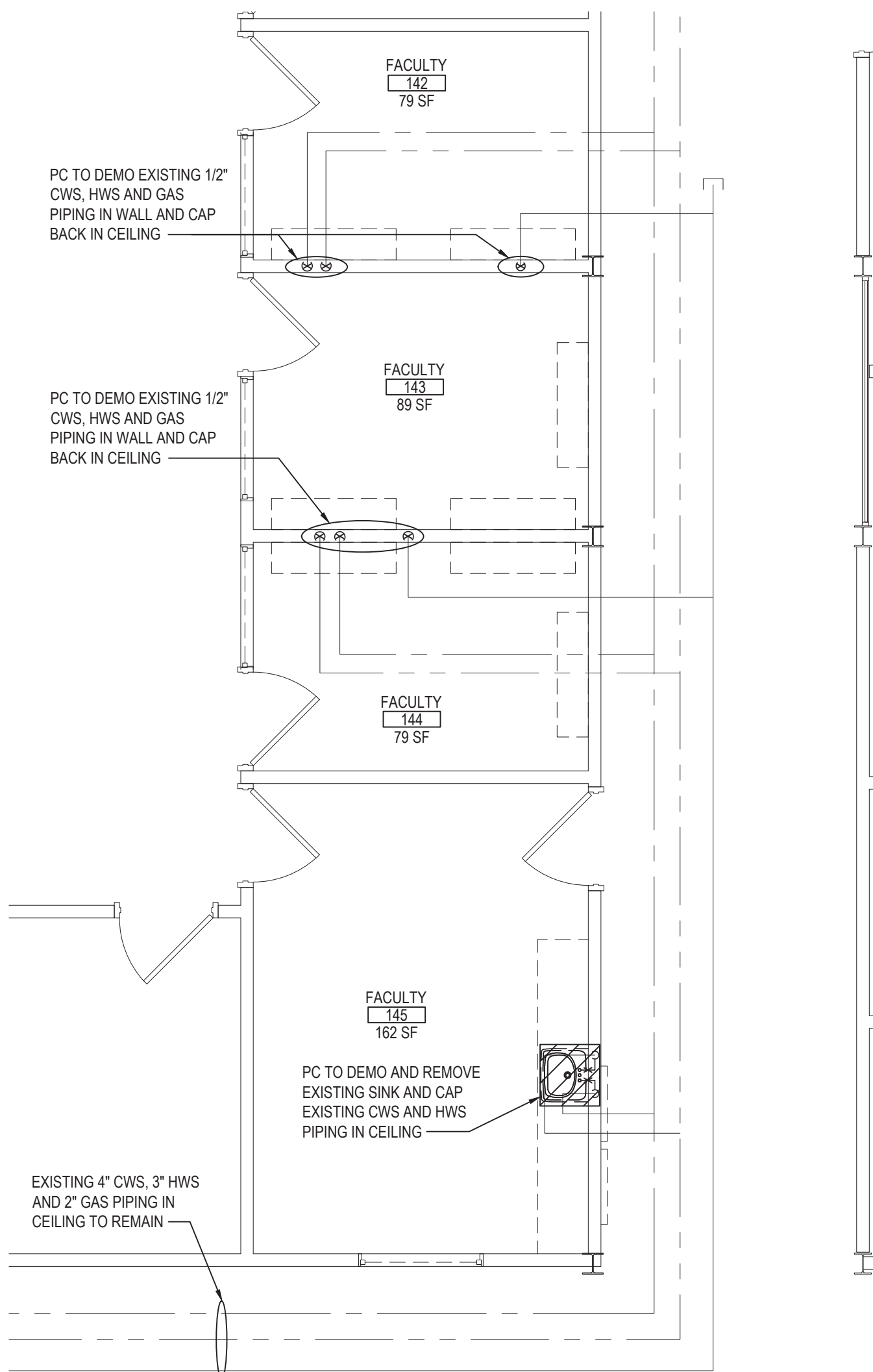
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DWG TITLE: PLUMBING  
FIRST FLOOR DEMOLITION

SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

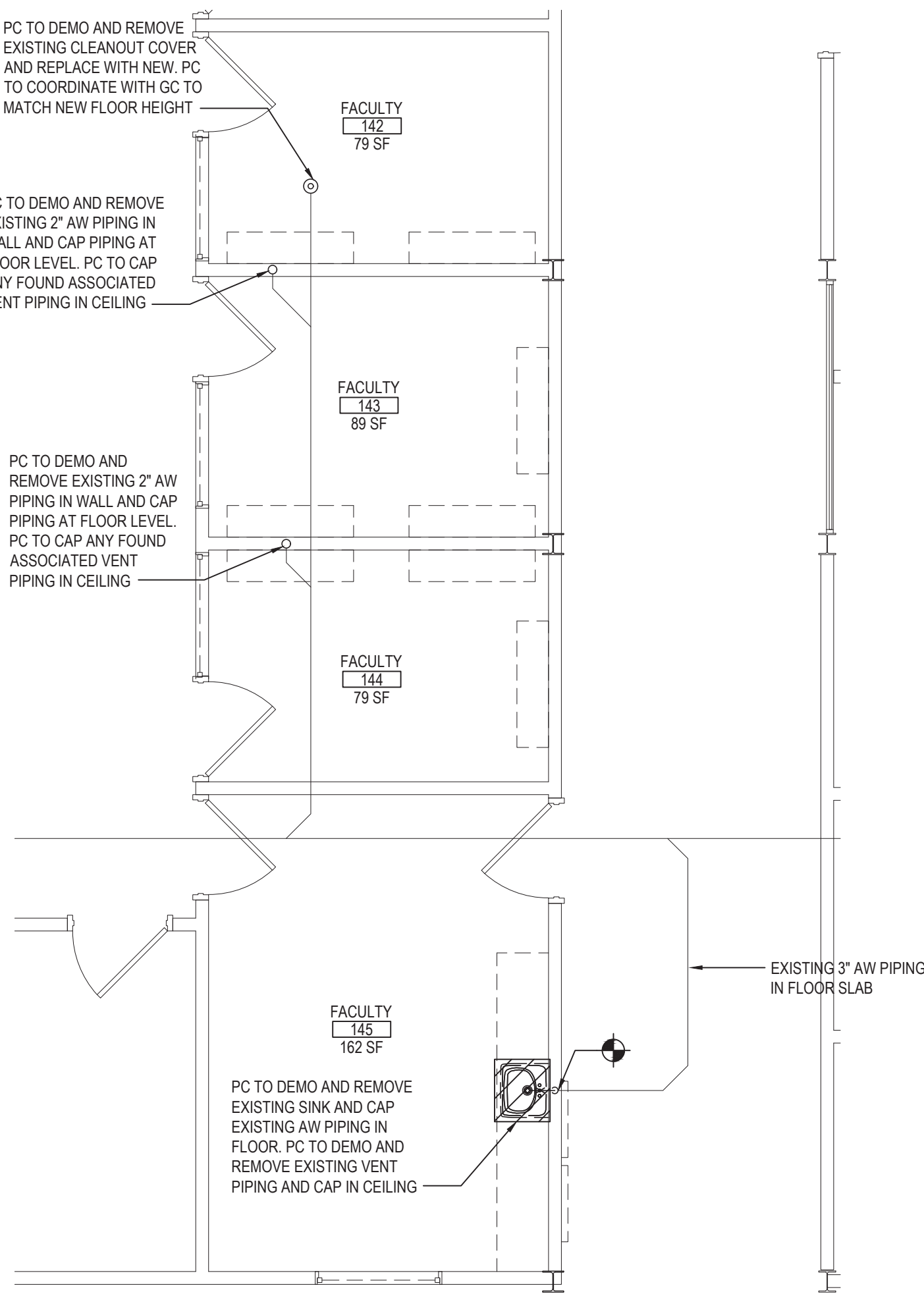
P1.01 HSMS





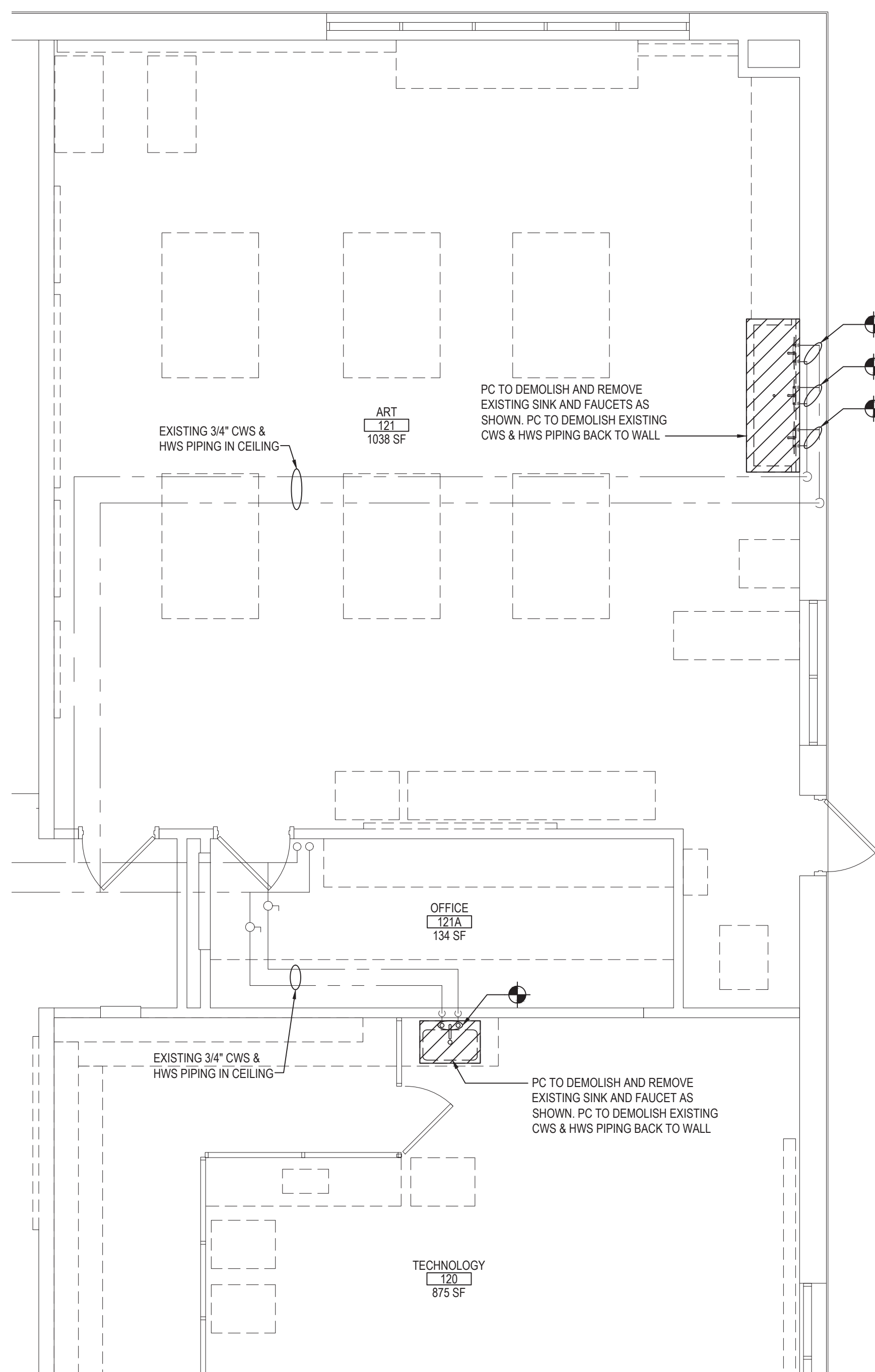
PART PLAN - DOMESTIC & GAS PIPING DEMOLITION

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



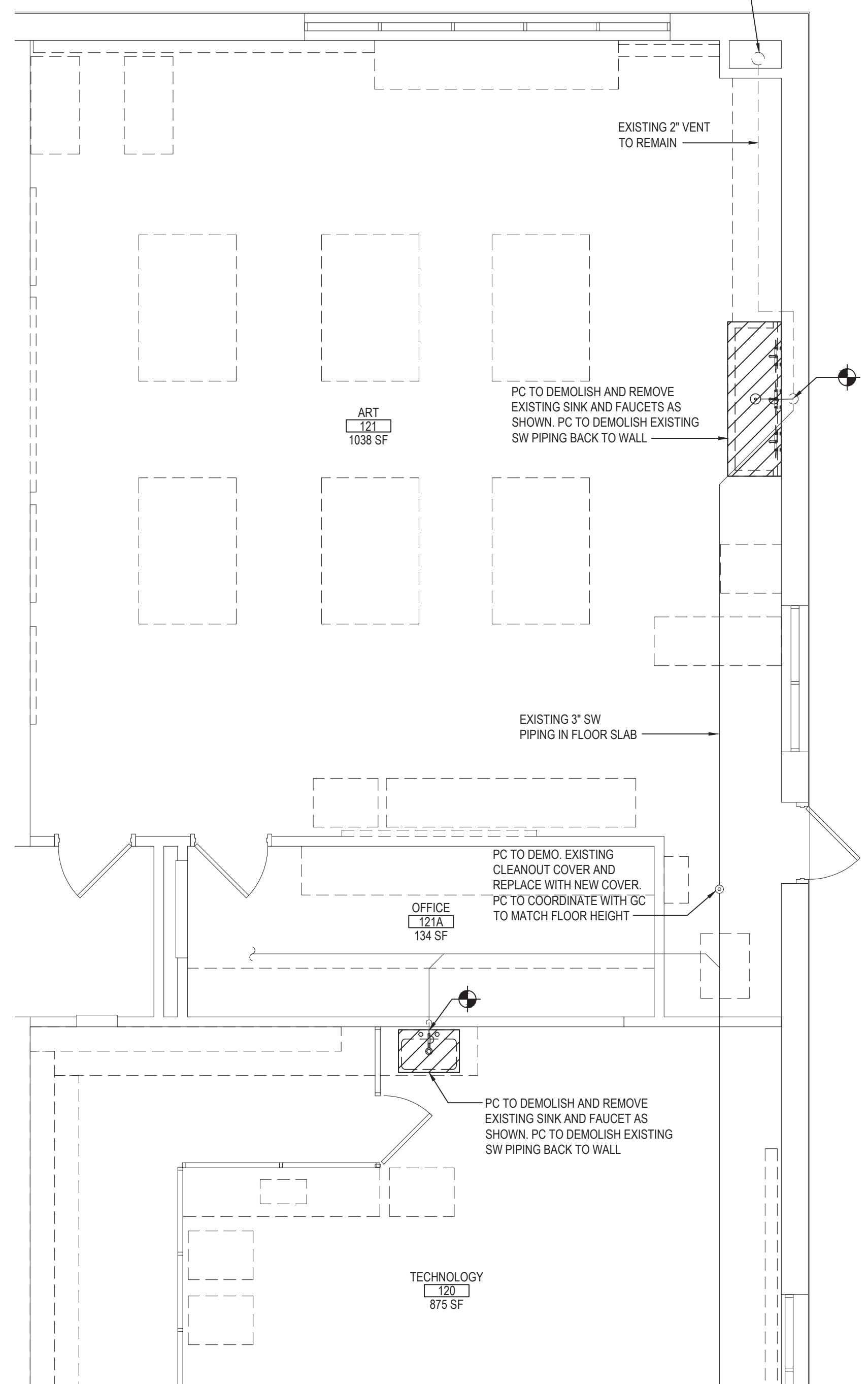
PART PLAN - SANITARY PIPING DEMOLITION

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



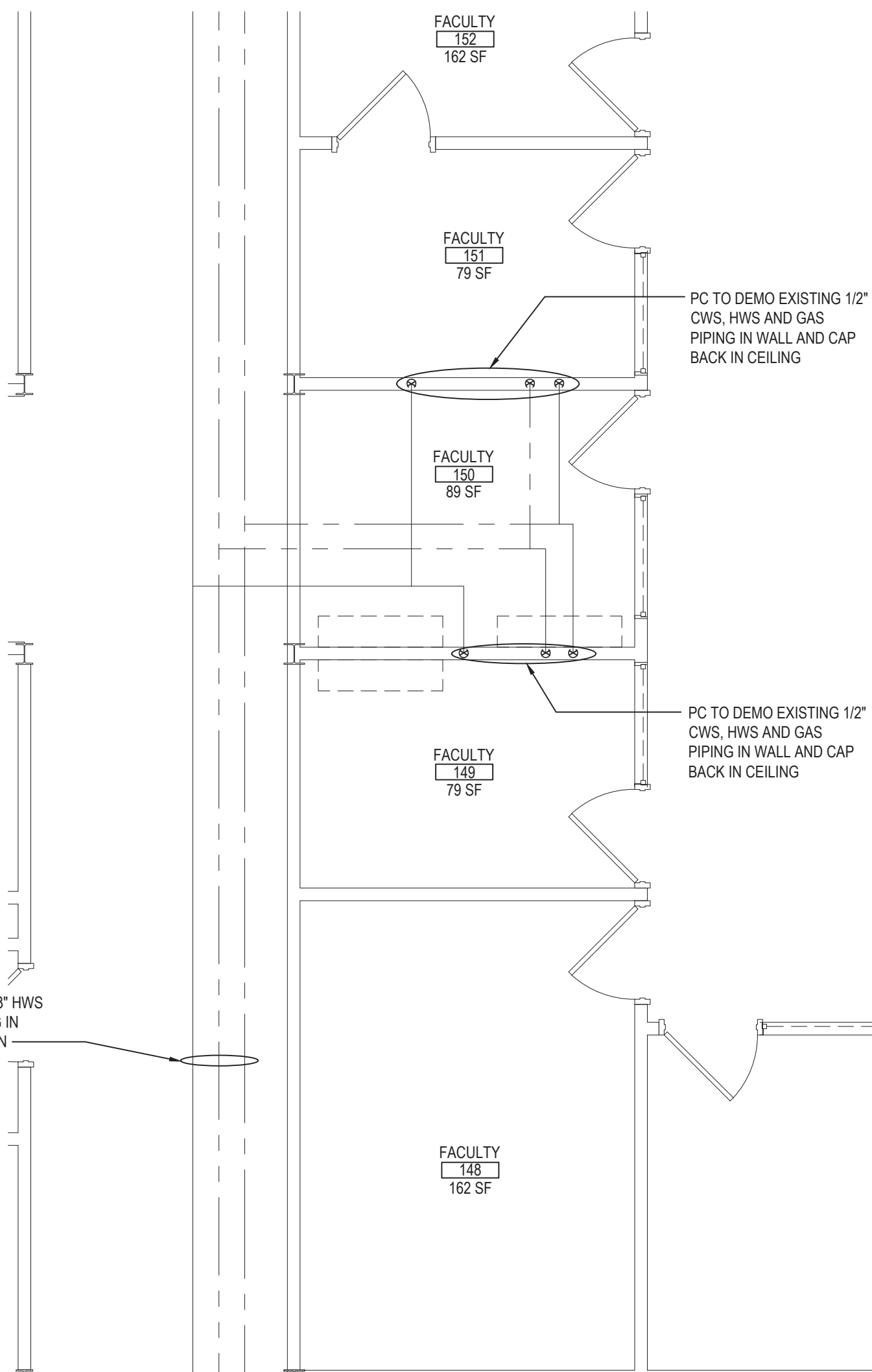
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SCALE: 1/4" = 1'-0"



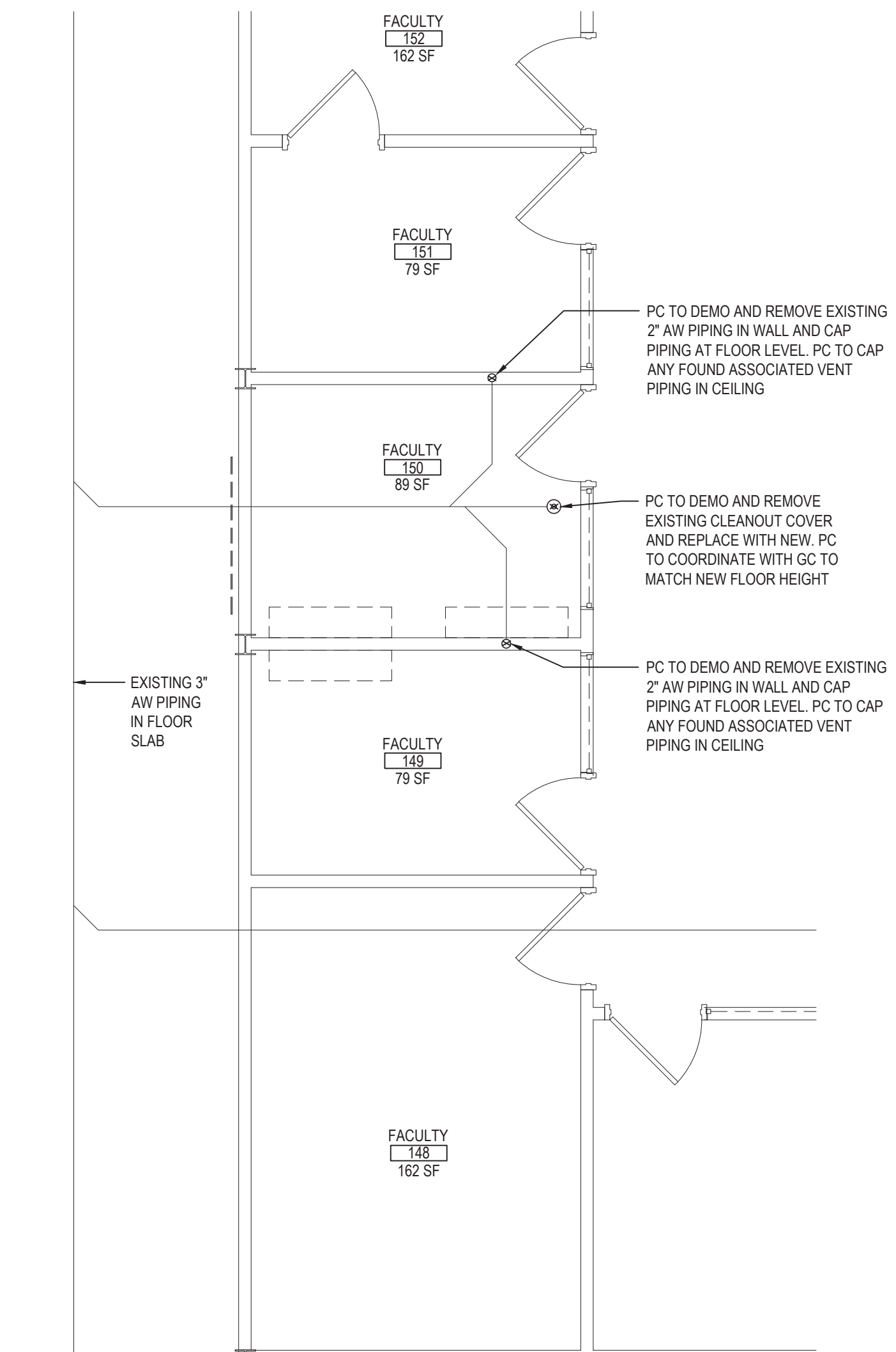
PART PLAN - SANITARY AND VENT PIPING DEMOLITION

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



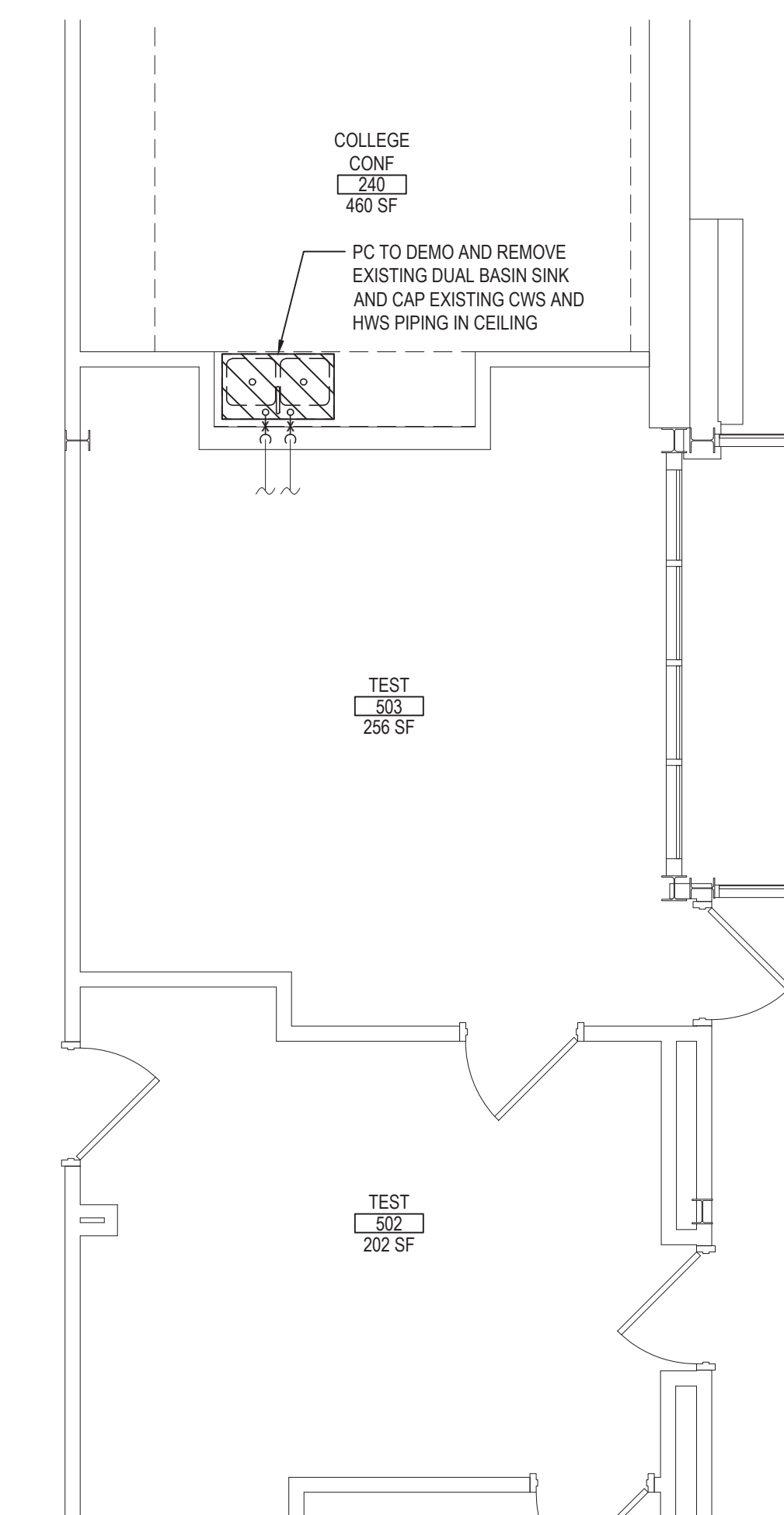
PART PLAN - DOMESTIC & GAS PIPING DEMOLITION

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



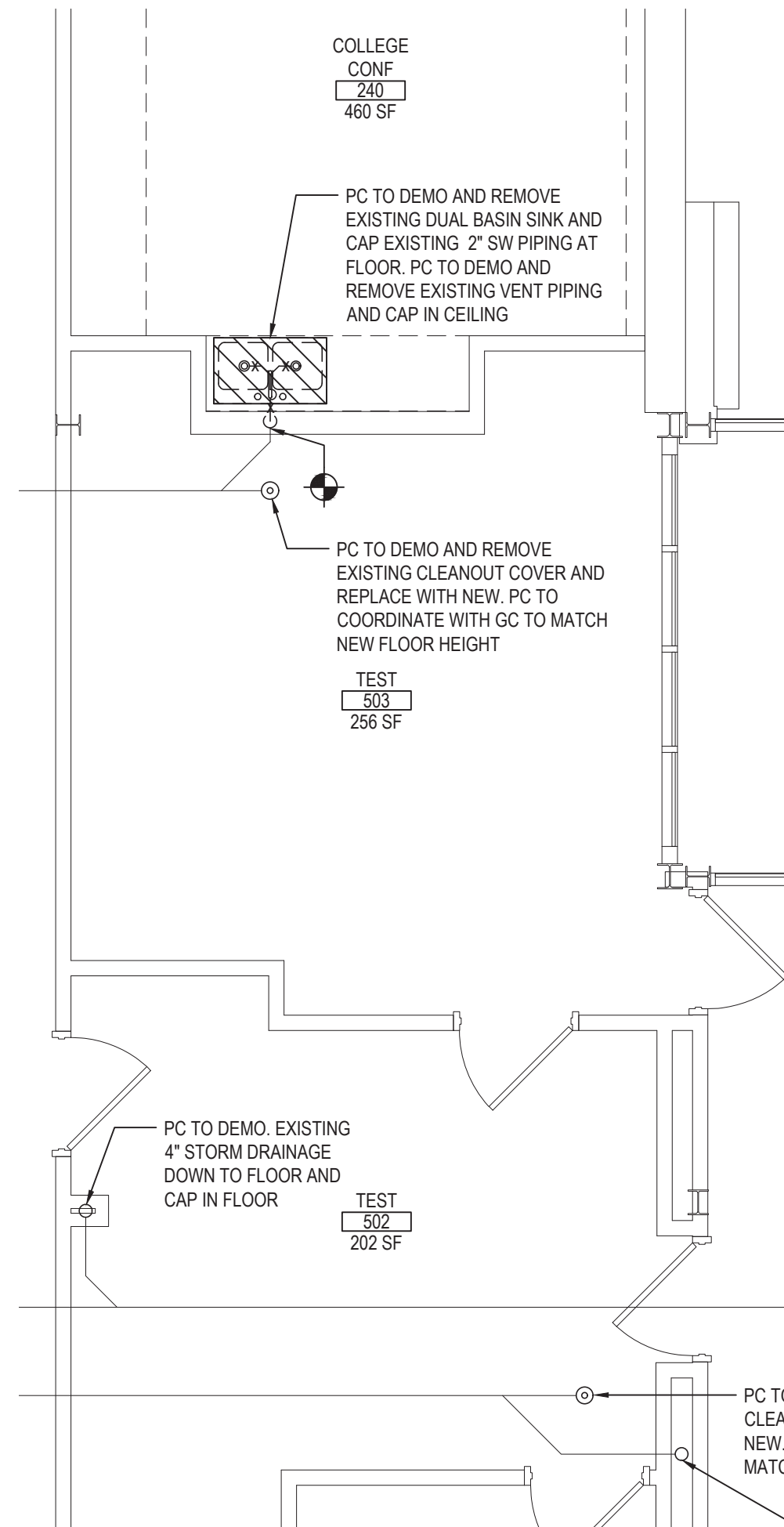
PART PLAN - SANITARY AND VENT PIPING DEMOLITION

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



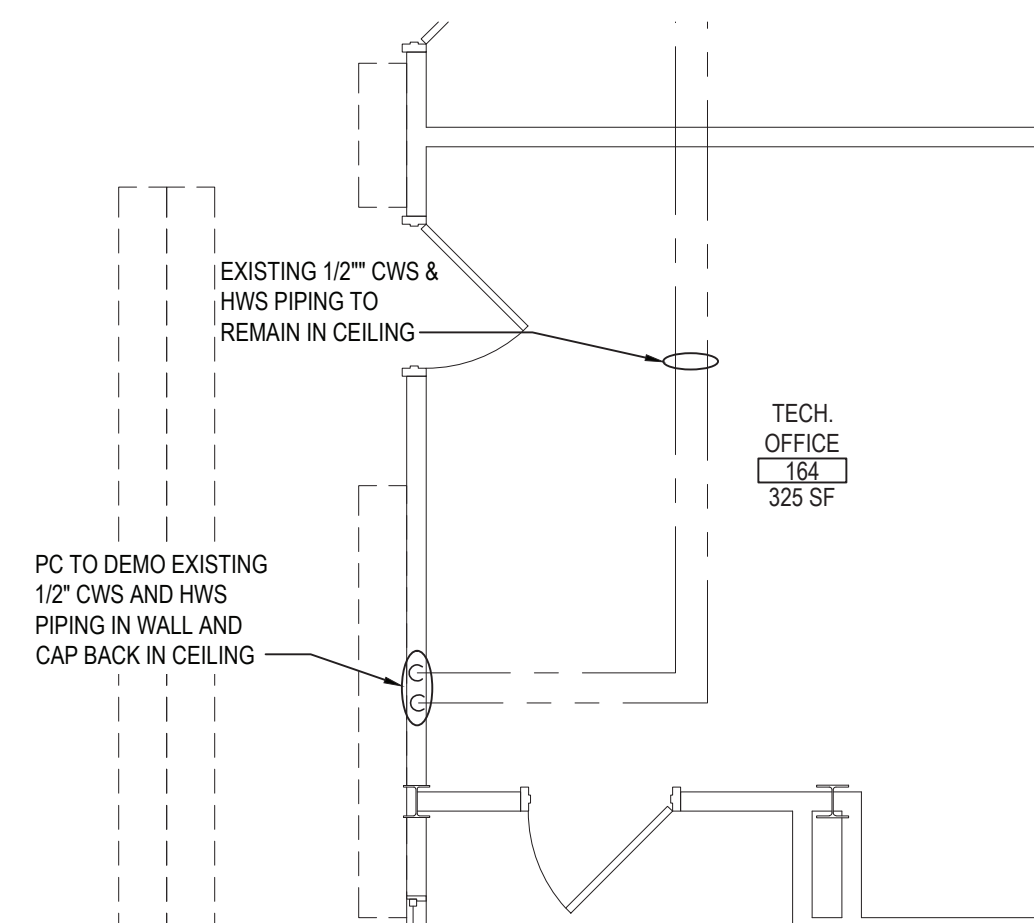
PART PLAN - DOMESTIC PIPING DEMOLITION

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



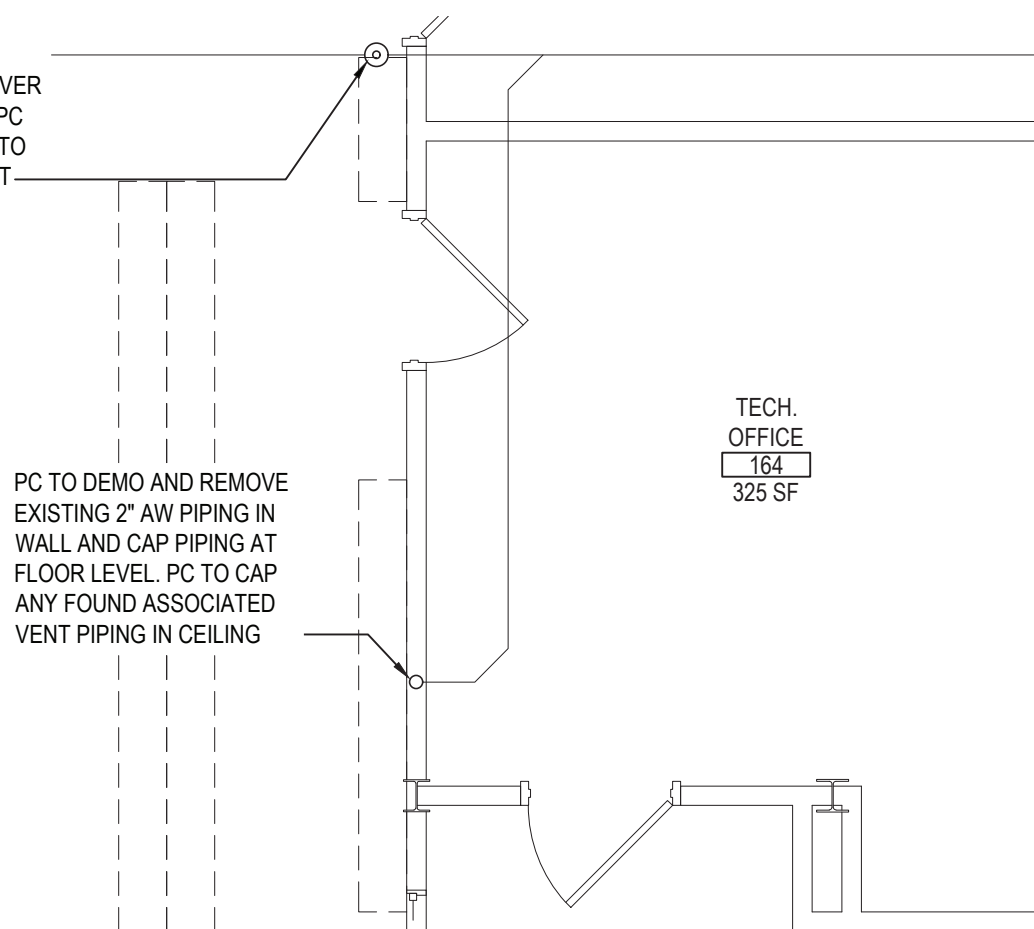
PART PLAN - SAN. & VENT PIPING DEMOLITION

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



PART PLAN - DOMESTIC PIPING DEMOLITION

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

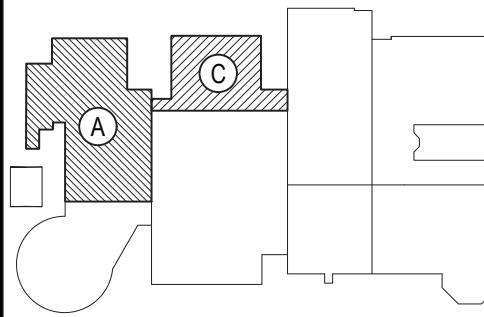


PART PLAN - SAN. AND VENT PIPING DEMOLITION

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

REV.	DATE	ITEM

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PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWG TITLE  
PLUMBING  
FIRST FLOOR DEMOLITION CONTINUED

DRAWING BY: Z.M.Z.  
CHECK BY: F.S.

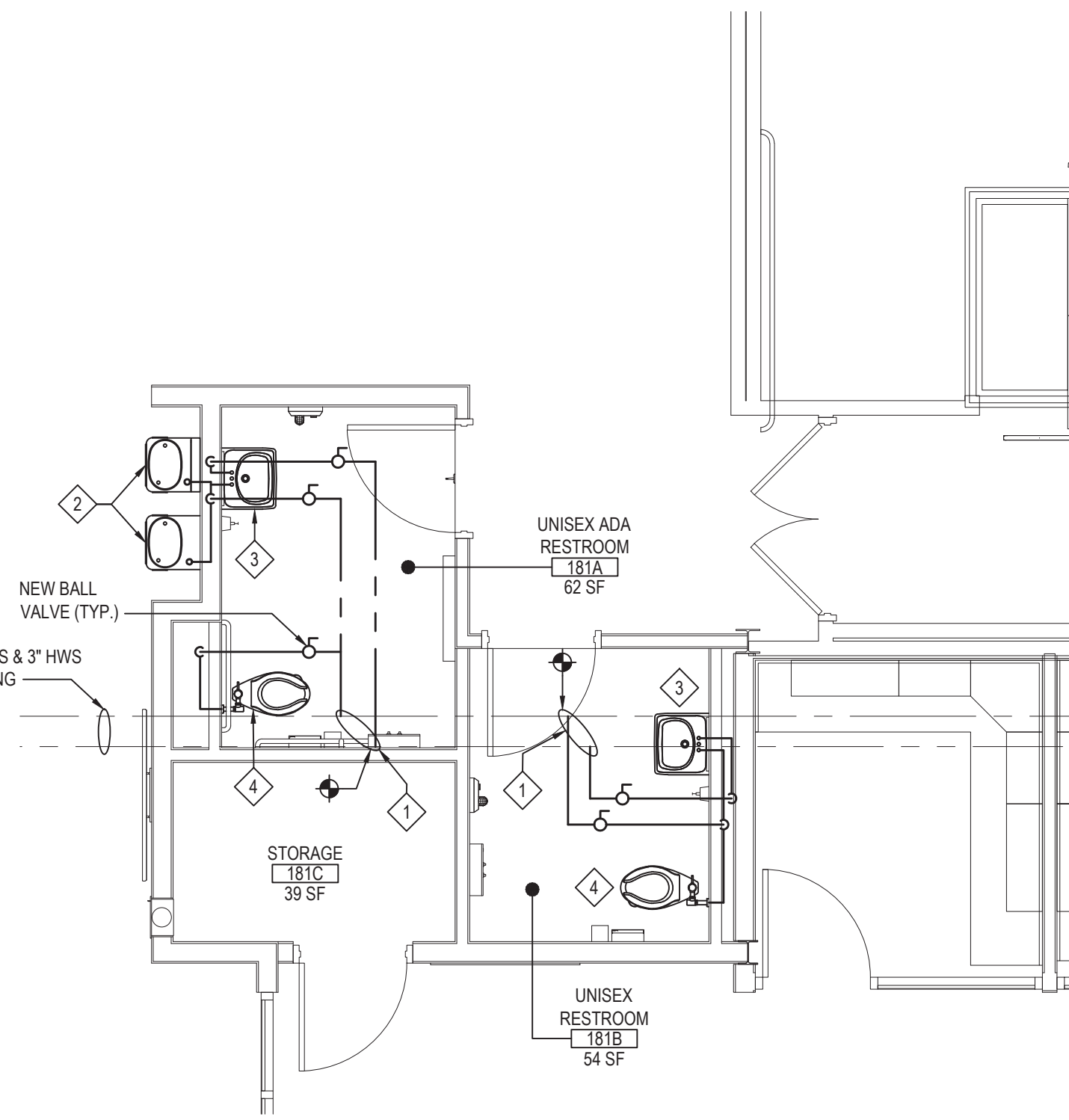
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DISTRICT: BRIARCLIFF MANOR UFSD  
PROJECT: PHASE 2 BOND IMPROVEMENTS  
DWG TITLE: PLUMBING  
FIRST FLOOR DEMO. CONT.  
SCALE: AS NOTED  
DATE: 7/15/22  
BID PICK-UP:  
FILE No: 21-274C

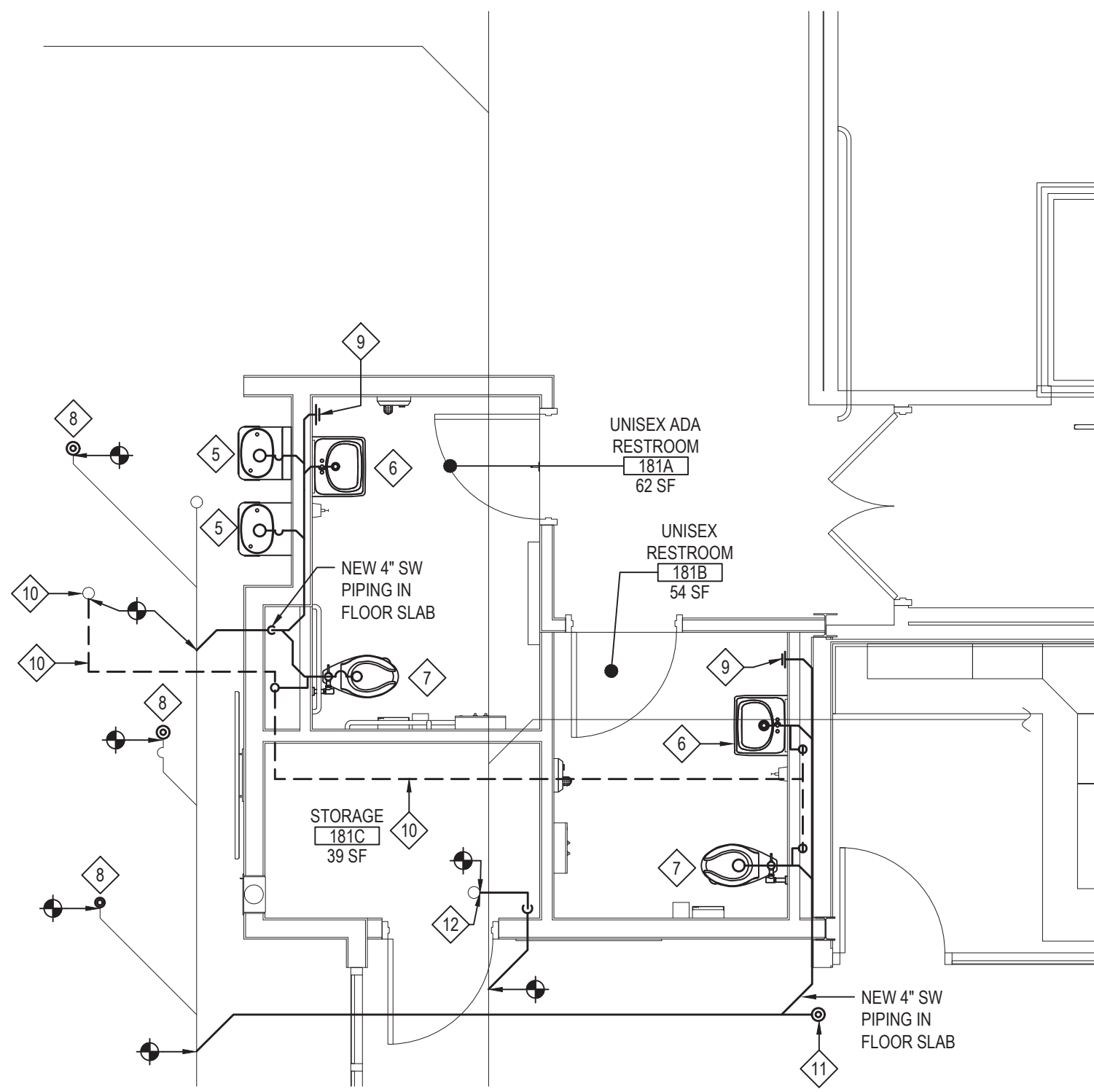
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DOMESTIC PIPING PROPOSED WORK

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

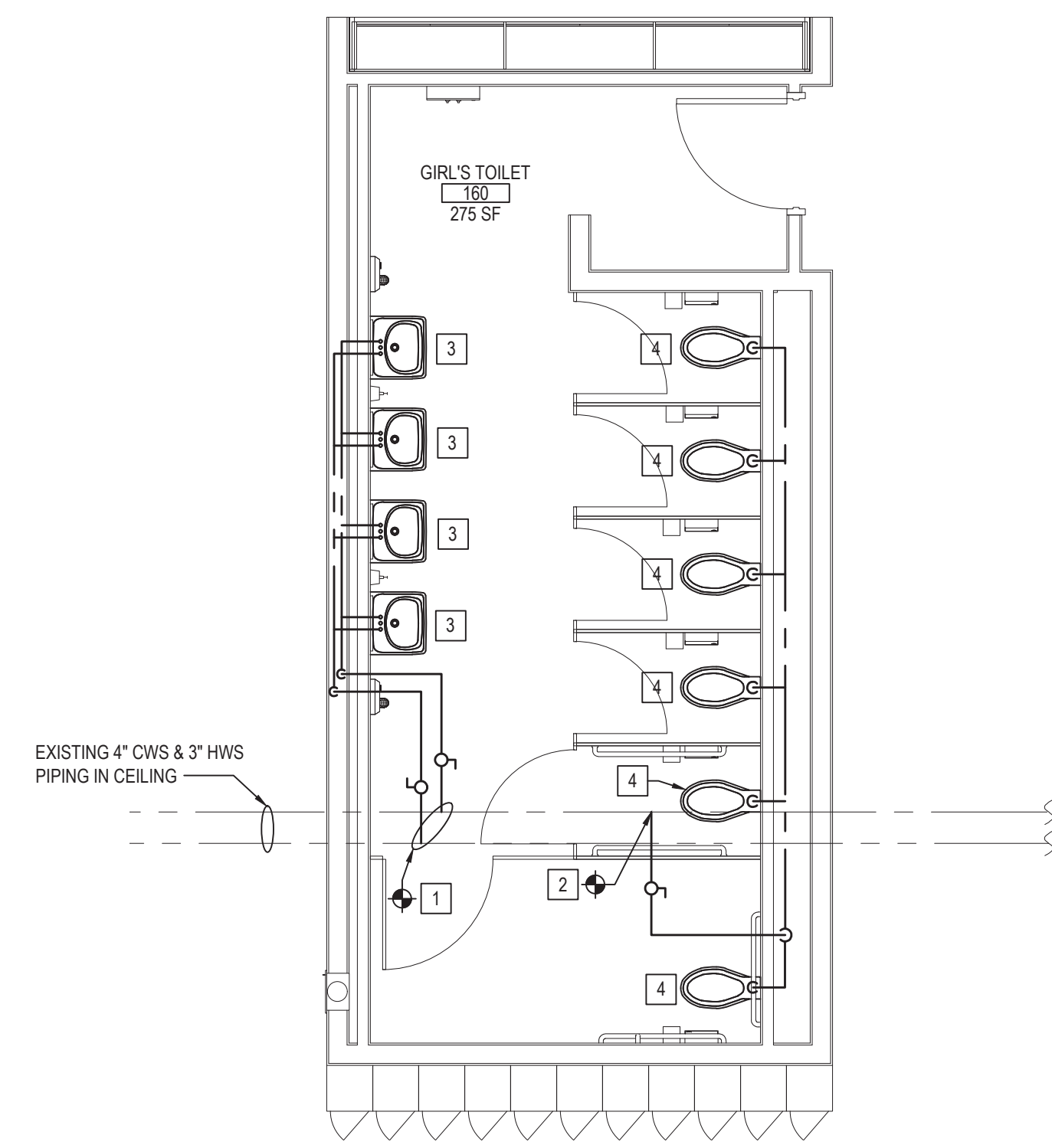


SANITARY AND VENT PIPING PROPOSED WORK

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

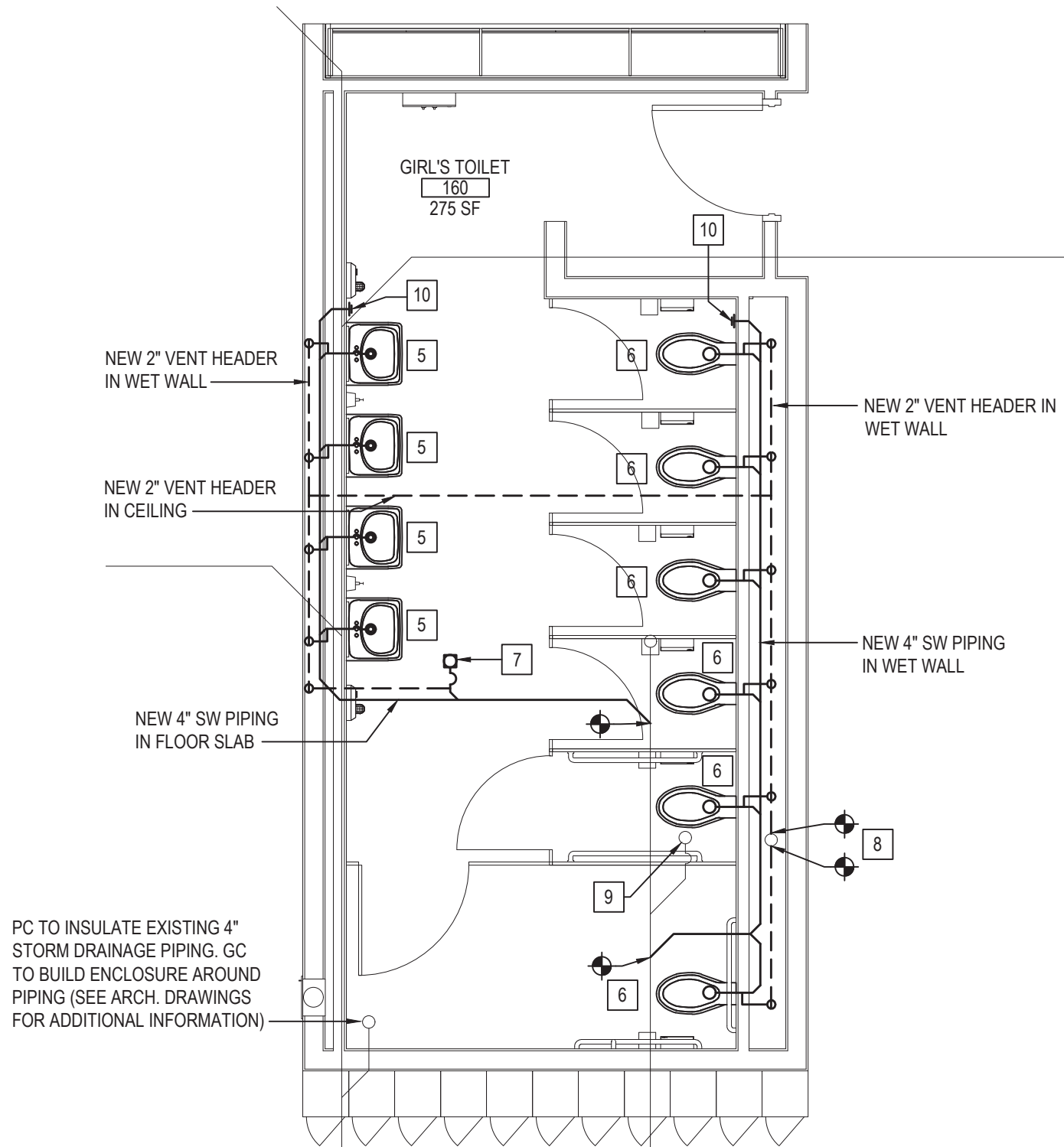
PLUMBING PROPOSED WORK KEY NOTES

- 1 PC TO TAP OFF OF EXISTING 4" CWS AND 3" HWS AND INSTALL NEW 1-1/2" CWS AND 1" HWS PIPING AND RUN INTO WET WALL AND DOWN AS SHOWN.
- 2 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO SUPPLY FOUNTAIN AND BOTTLE FILLING STATION WITH 3/4" CWS PIPING.
- 3 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 3/4" CWS AND HWS PIPING FROM WET WALL AND CONNECT TO FIXTURE.
- 4 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 1-1/2" CWS PIPING TO FIXTURE AND ASSOCIATED FLUSHOMETER.
- 5 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO RUN NEW 4" SW PIPING IN WET WALL AND CONNECT FIXTURES TO PIPING WITH A 2-1/2" SW PIPING. PC TO ALSO RUN NEW 2" VENT PIPING AND CONNECT TO NEW 2" VENT HEADER IN WET WALL AS SHOWN.
- 6 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 2-1/2" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 7 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 4" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 8 PC TO FURNISH AND INSTALL NEW DECK PLATE CLEAN OUT (P-4) IN PLACE OF EXISTING OPENING IN 4" SW PIPING IN SLAB.
- 9 PC TO FURNISH AND INSTALL NEW WALL PLATE CLEAN OUT (P-5) IN TOILET ROOM AS SHOWN.
- 10 PC TO RUN NEW 2" VENT PIPING IN CEILING AND CONNECT TO EXISTING 3" VENT RISER TO ROOF.
- 11 PC TO FURNISH AND INSTALL NEW DECK PLATE CLEAN OUT (P-4) IN NEW 4" SW PIPING IN SLAB.
- 12 PC TO CONNECT NEW 4" STORM DRAINAGE PIPING TO EXISTING ROOF DRAIN AND RUN INTO ROOM CORNER AND DOWN INTO SLAB AND CONNECT TO EXISTING 12" STORM DRAINAGE PIPING.



DOMESTIC PIPING PROPOSED WORK

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

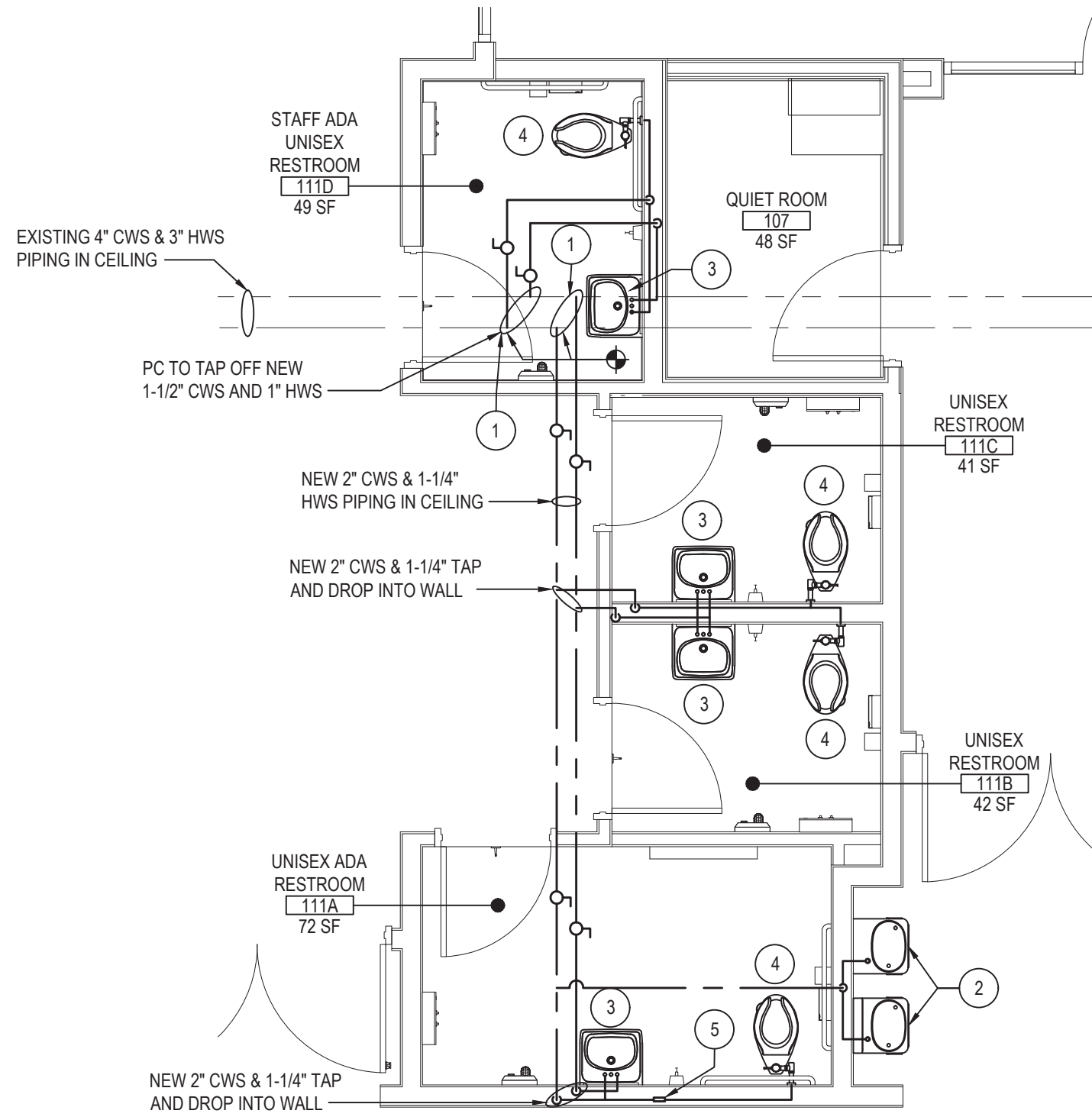


SANITARY AND VENT PIPING PROPOSED WORK

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

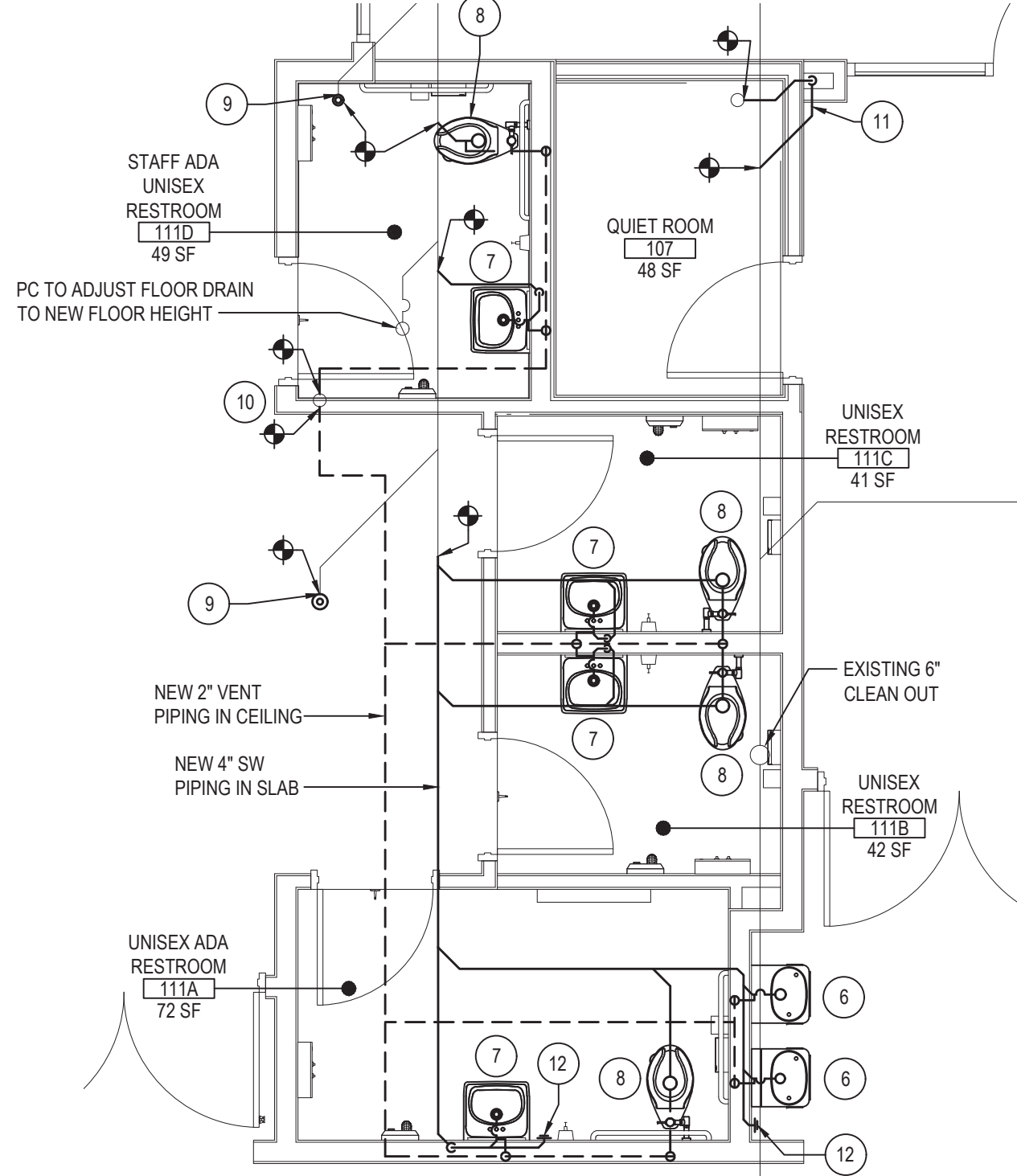
PLUMBING PROPOSED WORK KEY NOTES

- 1 PC TO TAP OFF OF EXISTING 4" CWS AND 3" HWS AND INSTALL NEW 1-1/2" CWS AND 1-1/4" HWS PIPING AND RUN INTO WET WALL AND DOWN AS SHOWN.
- 2 PC TO TAP OFF OF EXISTING 4" CWS AND INSTALL NEW 2-1/2" CWS PIPING AND RUN INTO WET WALL AND DOWN AS SHOWN.
- 3 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 3/4" CWS AND HWS PIPING FROM WET WALL AND CONNECT TO FIXTURE.
- 4 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 1-1/2" CWS PIPING TO FIXTURE AND ASSOCIATED FLUSHOMETER.
- 5 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 2-1/2" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 6 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 4" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 7 PC TO FURNISH AND INSTALL NEW 4" FLOOR DRAIN (P-6) IN FLOOR AND RUN NEW 4" SW PIPING IN SLAB AND CONNECT TO EXISTING 4" SW. PC TO RUN NEW 2" VENT FROM FLOOR DRAIN AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 8 PC TO RUN NEW 2" VENT PIPING AND CONNECT TO EXISTING 3" VENT RISER TO ROOF.
- 9 EXISTING FLOOR DRAIN TO REMAIN IN PLACE. PC TO ADJUST BASED ON NEW FLOOR HEIGHT.
- 10 PC TO FURNISH AND INSTALL NEW WALL PLATE CLEAN OUT (P-5) IN TOILET ROOM AS SHOWN.



DOMESTIC PIPING PROPOSED WORK

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

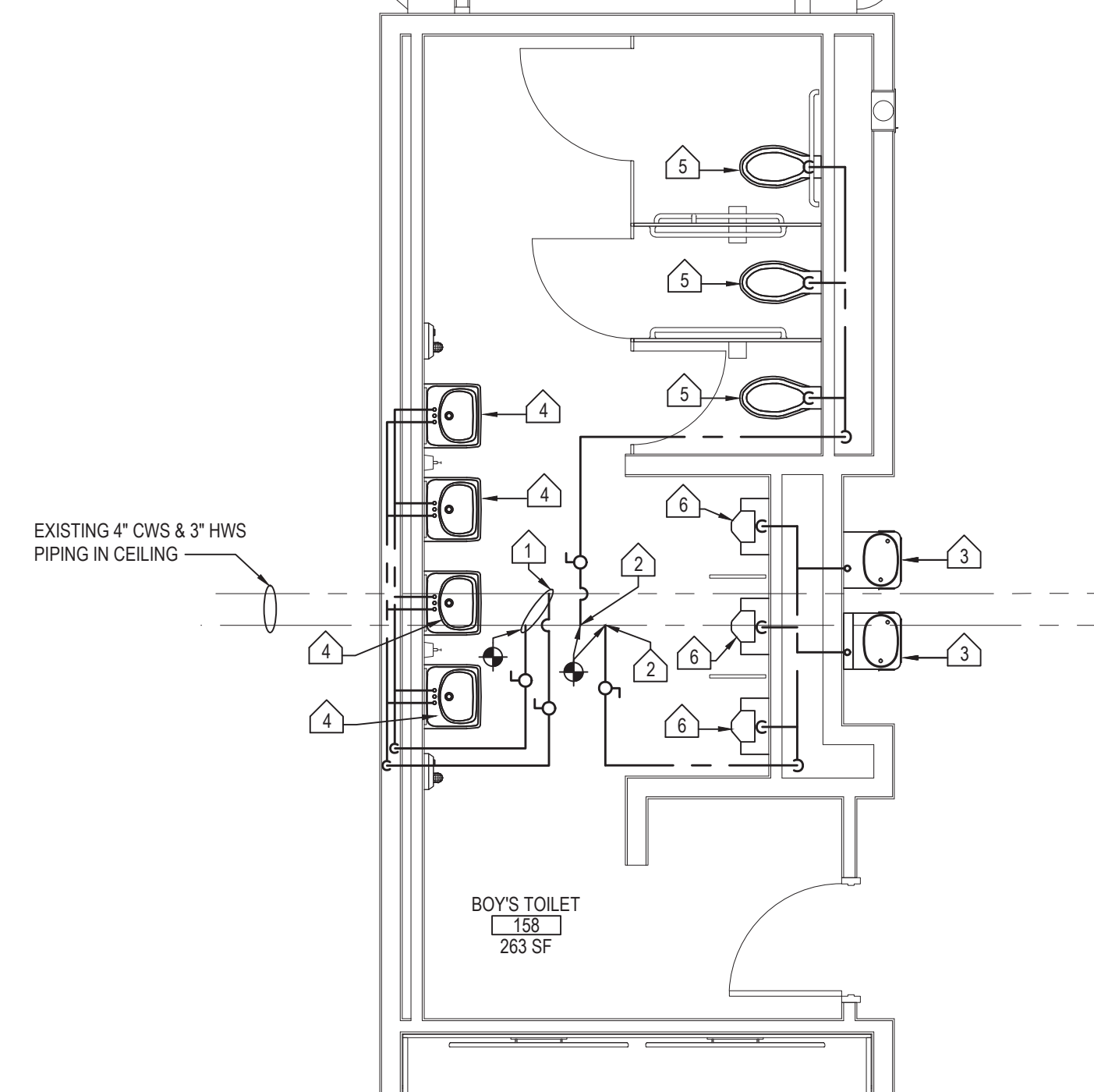


SANITARY AND VENT PIPING PROPOSED WORK

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

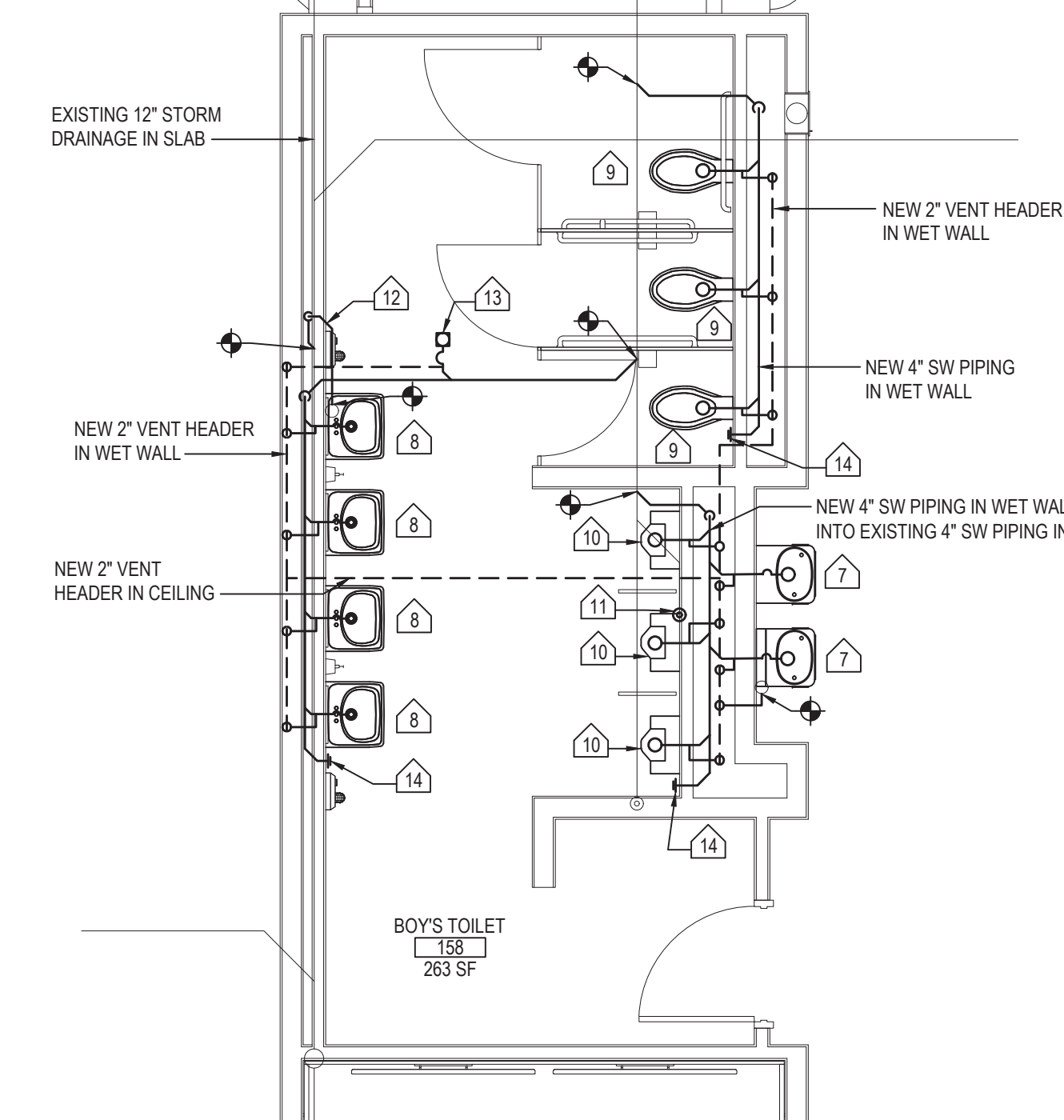
PLUMBING PROPOSED WORK KEY NOTES

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- 2 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO SUPPLY FOUNTAIN AND BOTTLE FILLING STATION WITH 3/4" CWS PIPING.
- 3 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 3/4" CWS AND HWS PIPING FROM WET WALL AND CONNECT TO FIXTURE.
- 4 PC TO FURNISH AND INSTALL NEW FLOOR MOUNTED WATER CLOSET (P-8) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 1-1/2" CWS PIPING TO FIXTURE AND ASSOCIATED FLUSHOMETER.
- 5 PC TO FURNISH AND INSTALL NEW WATER HAMMER ARRESTOR (P-8) ON NEW 2" CWS PIPING BETWEEN LAVATORY AND WATER CLOSET.
- 6 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO RUN NEW 4" SW PIPING IN WET WALL AND CONNECT FIXTURES TO PIPING WITH A 2-1/2" SW PIPING. PC TO ALSO RUN NEW 2" VENT PIPING AND CONNECT TO NEW 2" VENT HEADER IN WET WALL AS SHOWN.
- 7 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 2-1/2" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 8 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-8) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 4" SW PIPING IN FLOOR. PC TO RUN NEW 2" VENT FROM FIXTURE IN SLAB AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 9 PC TO FURNISH AND INSTALL NEW DECK PLATE CLEAN OUT (P-4) IN PLACE OF EXISTING OPENING IN 4" SW PIPING IN SLAB.
- 10 PC TO RUN NEW 2" VENT PIPING AND CONNECT TO EXISTING 3" VENT RISER TO ROOF.
- 11 PC TO CONNECT NEW 4" STORM DRAINAGE PIPING TO EXISTING ROOF DRAIN AND RUN INTO NEW CHASE AND DOWN INTO SLAB AND CONNECT TO EXISTING 12" STORM DRAINAGE PIPING (PC TO COORDINATE WITH GC FOR TRENCHING OF FLOOR SLAB).
- 12 PC TO FURNISH AND INSTALL NEW WALL PLATE CLEAN OUT (P-5) IN TOILET ROOM AS SHOWN.



DOMESTIC PIPING PROPOSED WORK

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



SANITARY AND VENT PIPING PROPOSED WORK

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

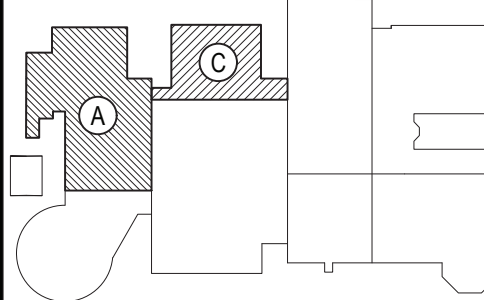
PLUMBING PROPOSED WORK KEY NOTES

- 1 PC TO TAP OFF OF EXISTING 4" CWS AND 3" HWS AND INSTALL NEW 1-1/2" CWS AND 1-1/4" HWS PIPING AND RUN INTO WET WALL AND DOWN AS SHOWN.
- 2 PC TO TAP OFF OF EXISTING 4" CWS AND INSTALL NEW 2" CWS PIPING AND RUN INTO WET WALL AND DOWN AS SHOWN.
- 3 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO SUPPLY FOUNTAIN AND BOTTLE FILLING STATION WITH 3/4" CWS PIPING.
- 4 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 3/4" CWS AND HWS PIPING FROM WET WALL AND CONNECT TO FIXTURE.
- 5 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 1-1/2" CWS PIPING TO FIXTURE AND ASSOCIATED FLUSHOMETER.
- 6 PC TO FURNISH AND INSTALL NEW WALL MOUNTED URINAL (P-7) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 1-1/4" CWS PIPING TO FIXTURE AND ASSOCIATED FLUSHOMETER.
- 7 PC TO FURNISH AND INSTALL NEW ADA DRINKING FOUNTAIN (P-1) AND NEW BOTTLE FILLING STATION (P-9) ON WALL AS SHOWN. PC TO RUN NEW 4" SW PIPING IN WET WALL AND CONNECT FIXTURES TO PIPING WITH A 2" SW PIPING. PC TO ALSO RUN NEW 2" VENT PIPING AND CONNECT TO NEW 2" VENT HEADER IN WET WALL AS SHOWN.
- 8 PC TO FURNISH AND INSTALL NEW WALL MOUNTED LAVATORY (P-2) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 2-1/2" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 9 PC TO FURNISH AND INSTALL NEW WALL MOUNTED WATER CLOSET (P-3) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 4" SW PIPING AND CONNECT TO NEW 4" SW PIPING IN WET WALL. PC TO RUN NEW 2" VENT FROM FIXTURE AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 10 PC TO FURNISH AND INSTALL NEW WALL MOUNTED URINAL (P-7) AS SHOWN. SEE ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS. PC TO RUN NEW 4" SW PIPING IN WET WALL AND CONNECT FIXTURE TO PIPING WITH A 2" SW PIPING. PC TO ALSO RUN NEW 2" VENT PIPING AND CONNECT TO NEW 2" VENT HEADER IN WET WALL AS SHOWN.
- 11 PC TO COVER EXISTING FLOOR DRAIN WITH DECK PLATE CLEANOUT (P-4).
- 12 PC TO CONNECT NEW 4" STORM DRAINAGE PIPING TO EXISTING ROOF DRAIN AND RUN INTO WET WALL AND DOWN INTO SLAB AND CONNECT TO EXISTING 12" STORM DRAINAGE PIPING.
- 13 PC TO FURNISH AND INSTALL NEW 4" FLOOR DRAIN (P-6) IN FLOOR AND RUN NEW 4" SW PIPING IN SLAB AND CONNECT TO EXISTING 4" SW. PC TO RUN NEW 2" VENT FROM FLOOR DRAIN AND CONNECT TO NEW 2" VENT HEADER IN WET WALL.
- 14 PC TO FURNISH AND INSTALL NEW WALL PLATE CLEAN OUT (P-5) IN TOILET ROOM AS SHOWN.

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
PLUMBING  
FIRST FLOOR PROPOSED WORK

DRAWING BY: Z.M.Z.  
CHECK BY: F.S.

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SED No: 66-14-02-02-0-004-023

DISTRICT: BRIARCLIFF MANOR UFSD

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG TITLE: PLUMBING  
FIRST FLOOR PROPOSED WORK

SCALE: AS NOTED

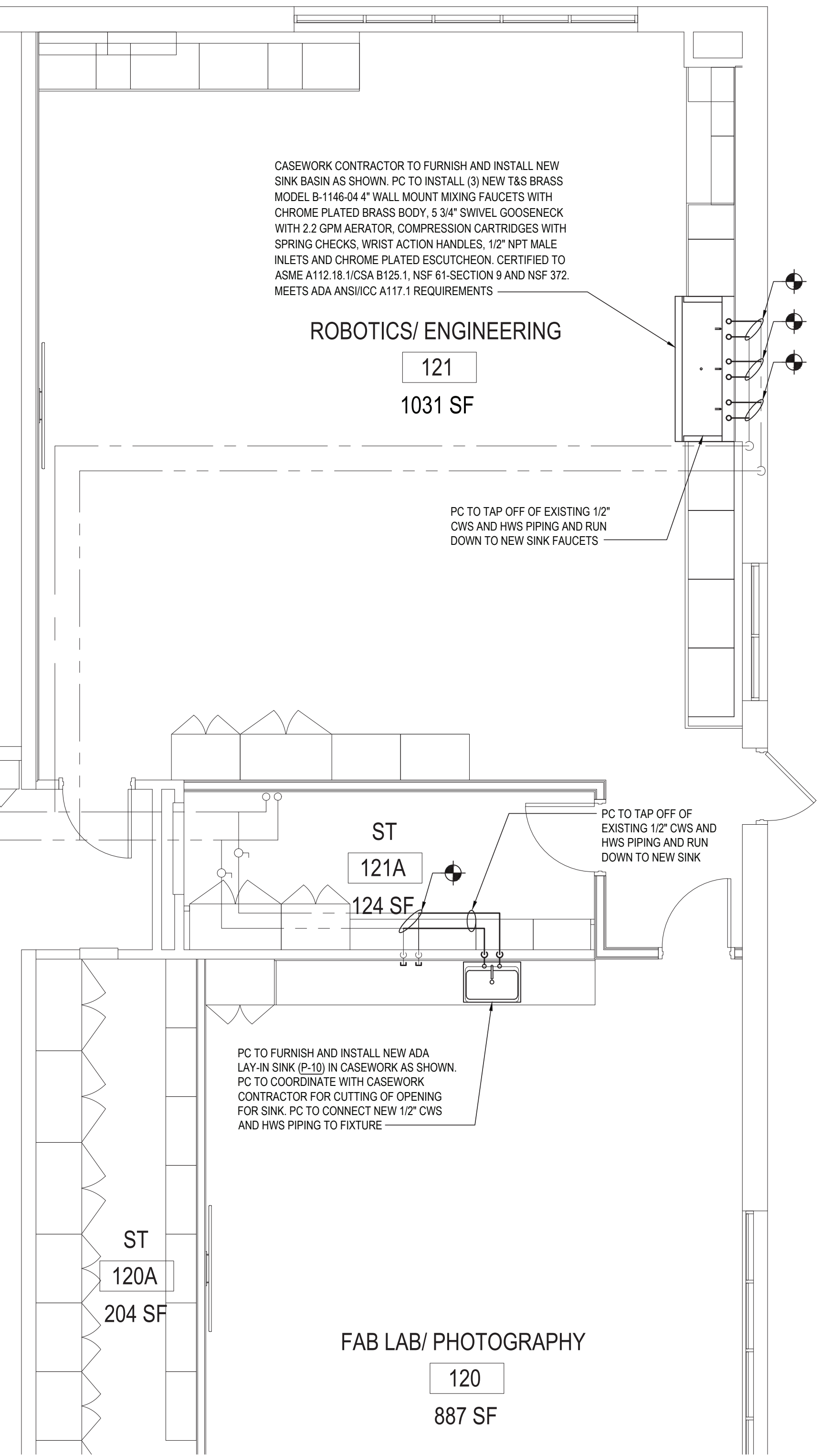
DATE: 7/15/22

BID PICK-UP:

FILE No: 21-274C

P2.01 HSMS

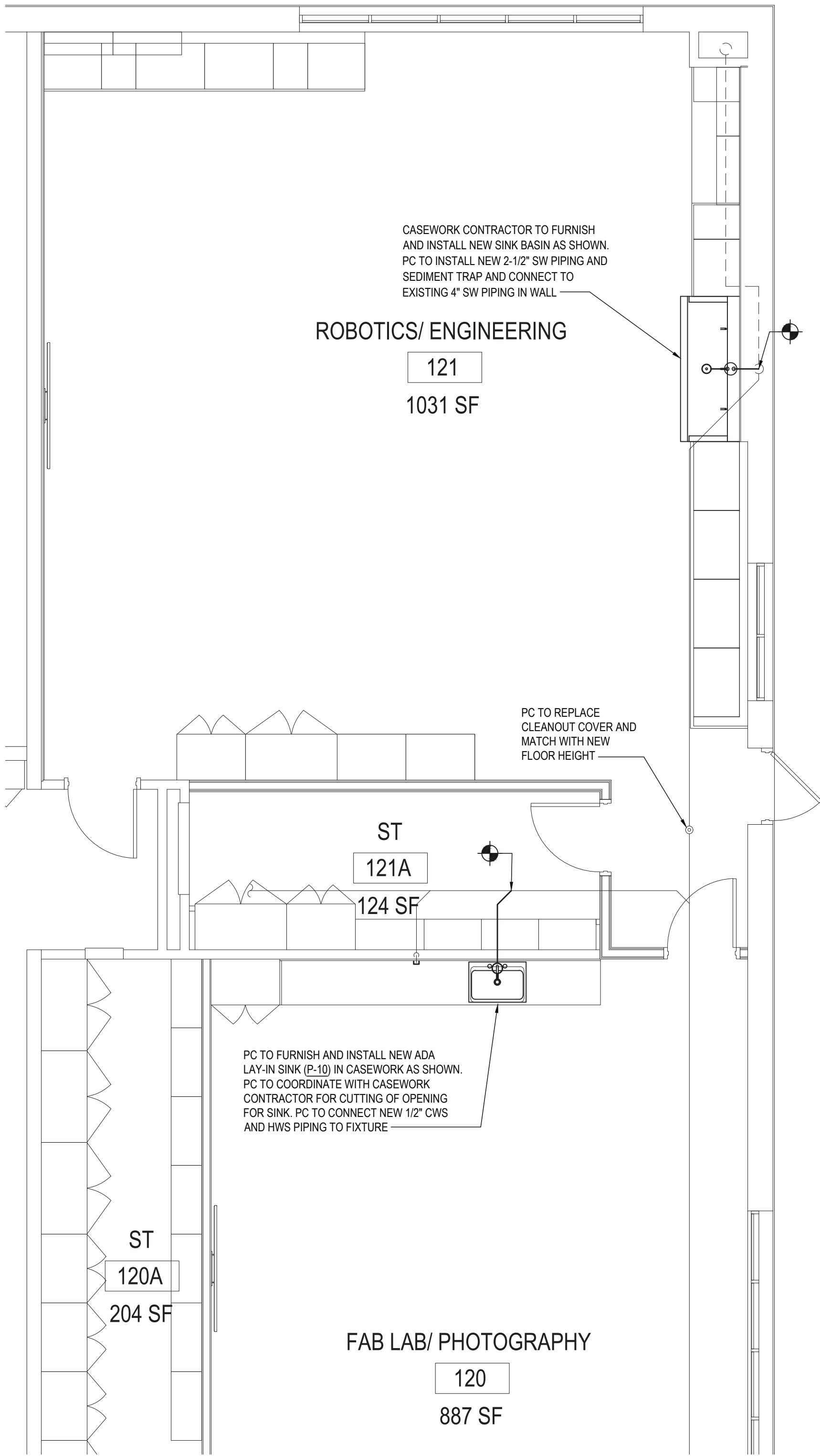




PART PLAN - DOMESTIC PIPING PROPOSED WORK

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

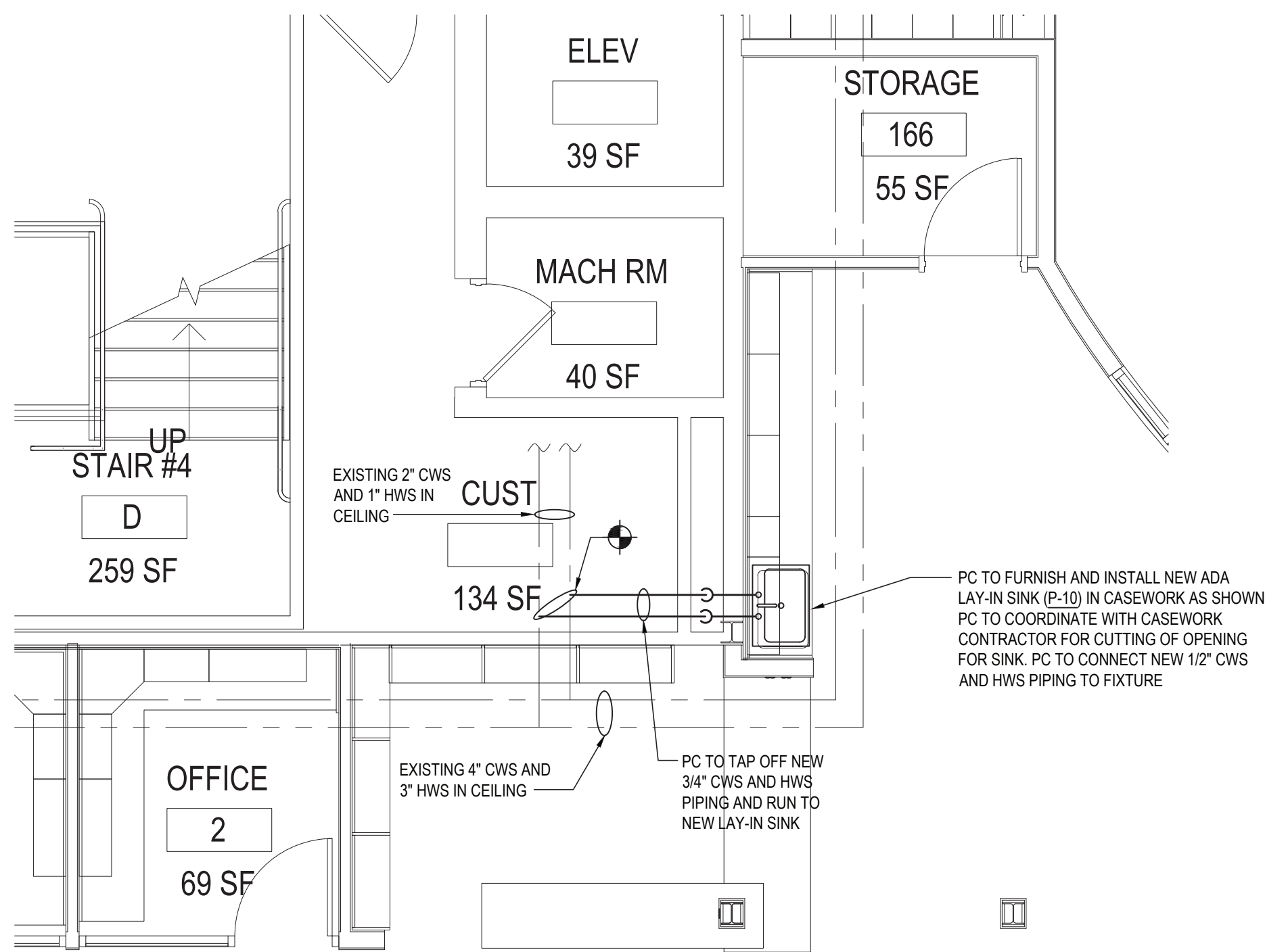
SCALE: 1/4" = 1'-0"



PART PLAN - SANITARY AND VENT PIPING PROPOSED WORK

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

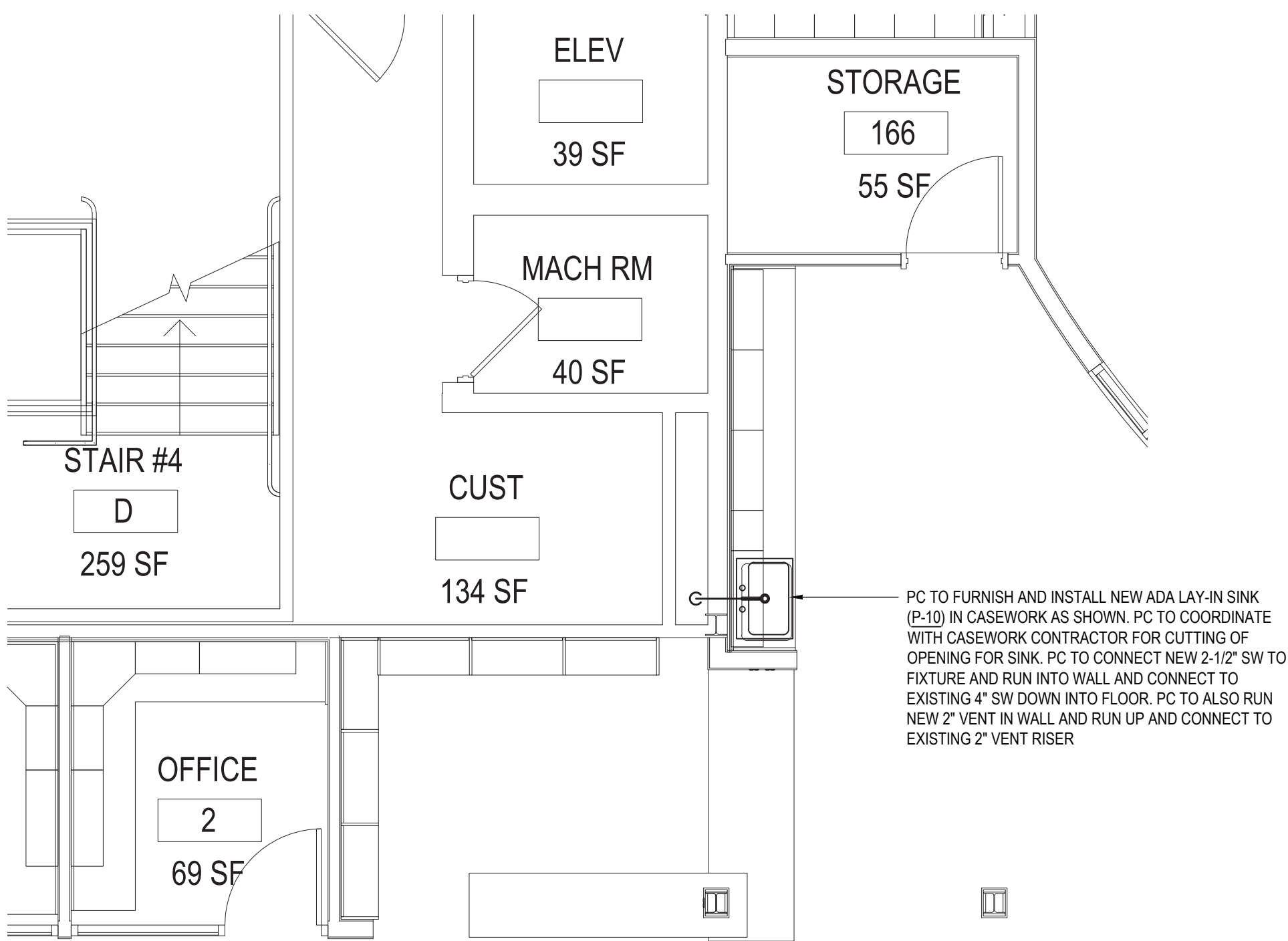
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PART PLAN - DOMESTIC PIPING PROPOSED WORK

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

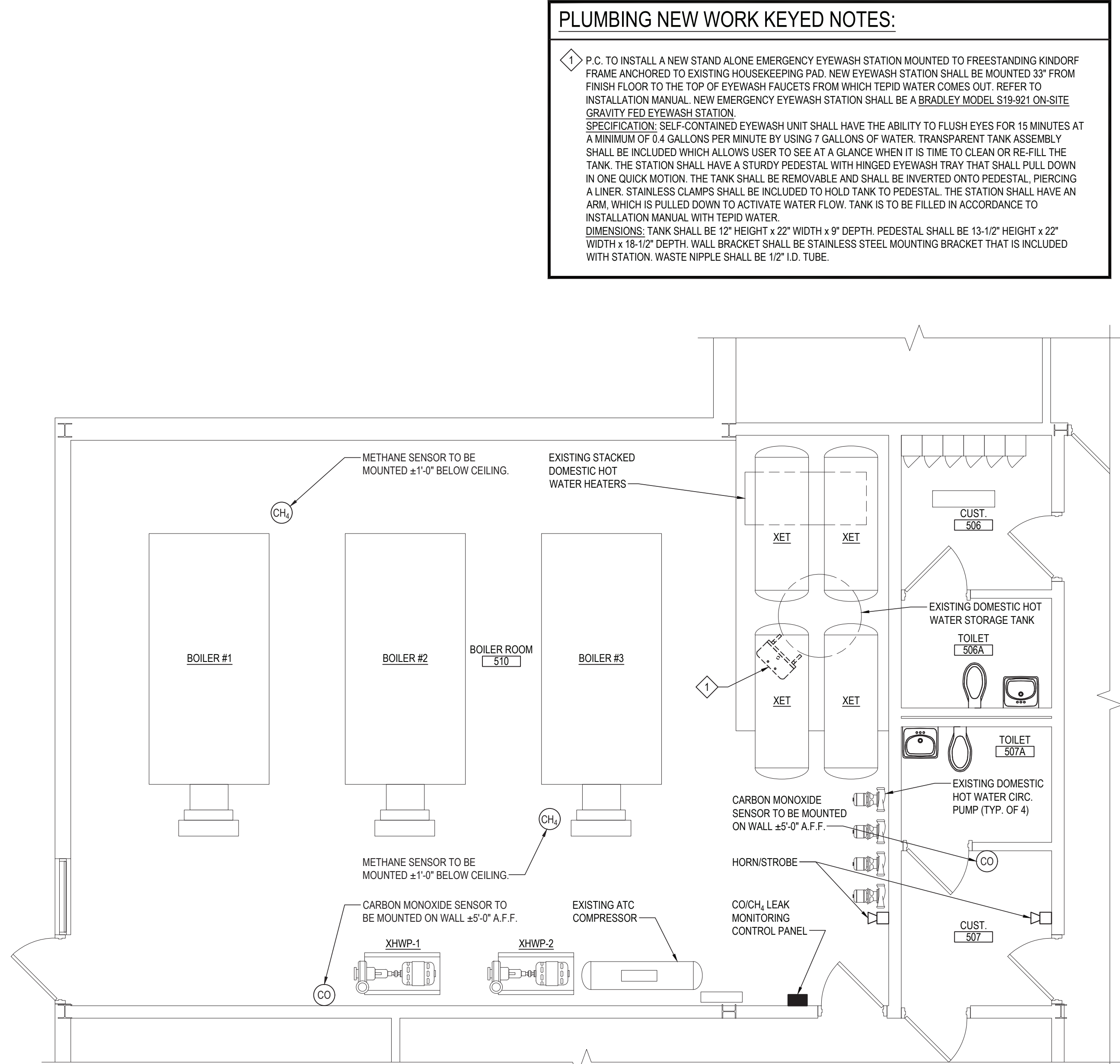
SCALE: 1/4" = 1'-0"



PART PLAN - SANITARY & VENT PIPING PROPOSED WORK

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

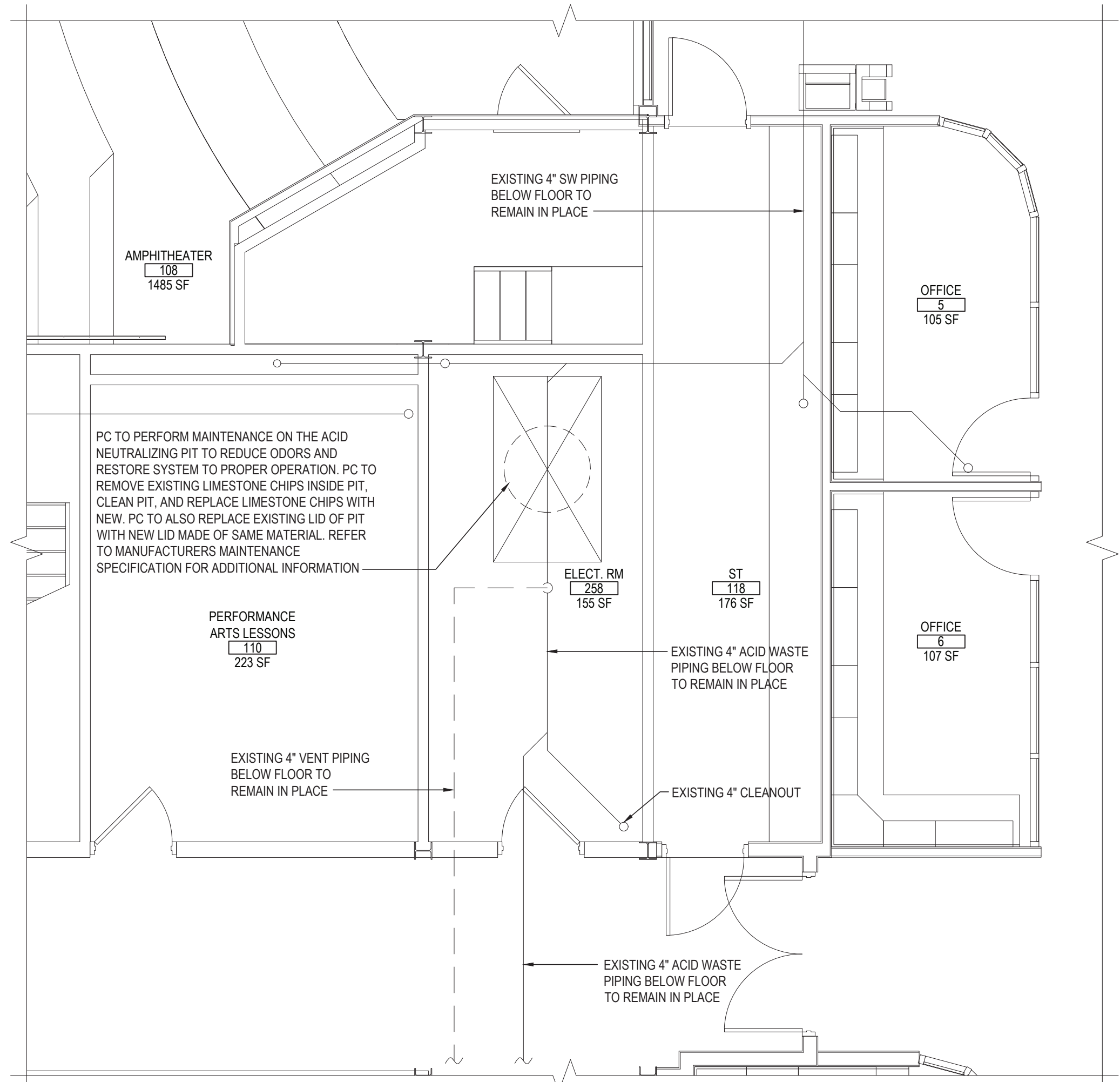
SCALE: 1/4" = 1'-0"



PART PLAN - DOMESTIC PIPING PROPOSED WORK

NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

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



ACID NEUTRALIZING PIT - PROPOSED WORK

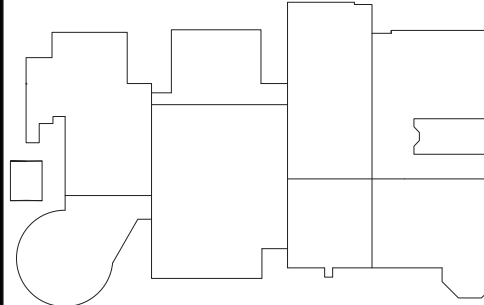
NOTE: AT BRIARCLIFF MANOR HIGH SCHOOL

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

REV.	DATE	ITEM

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KEY PLAN

NOT TO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE/HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PLUMBING  
FIRST FLOOR PROPOSED WORK CONTINUED

PROJECT  
DWG TITLE

DRAWING BY: Z.M.Z.  
CHECK BY: F.S.

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SED No: 66-14-02-0-004-023

DISTRICT: BRIARCLIFF MANOR UFSD

PROJECT: PHASE 2 BOND IMPROVEMENTS

DWG TITLE: PLUMBING FIRST FLOOR PROPOSED WORK CONT.

SCALE: AS NOTED

DATE: 7/15/22

BID PICK-UP: 21-274C

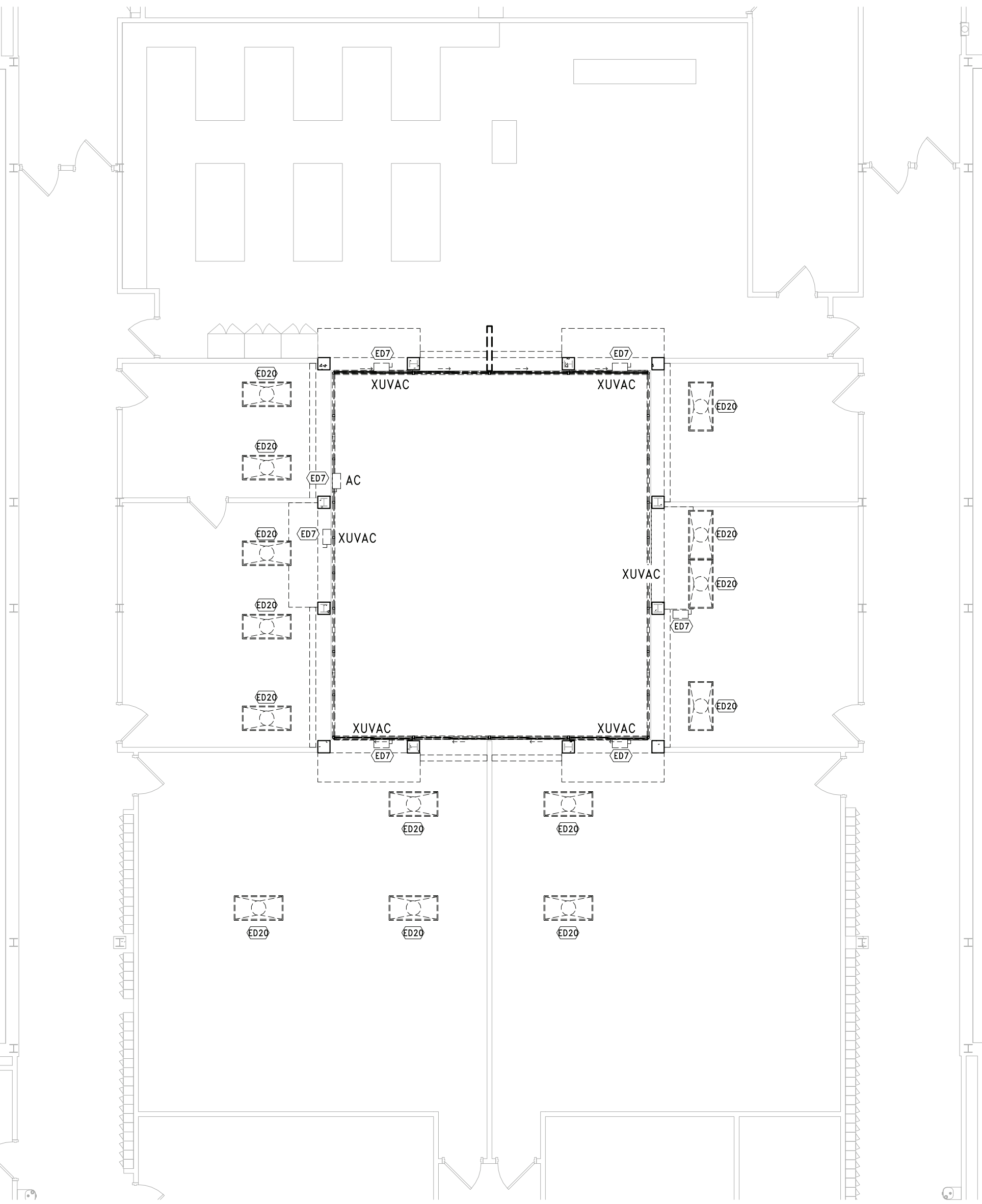
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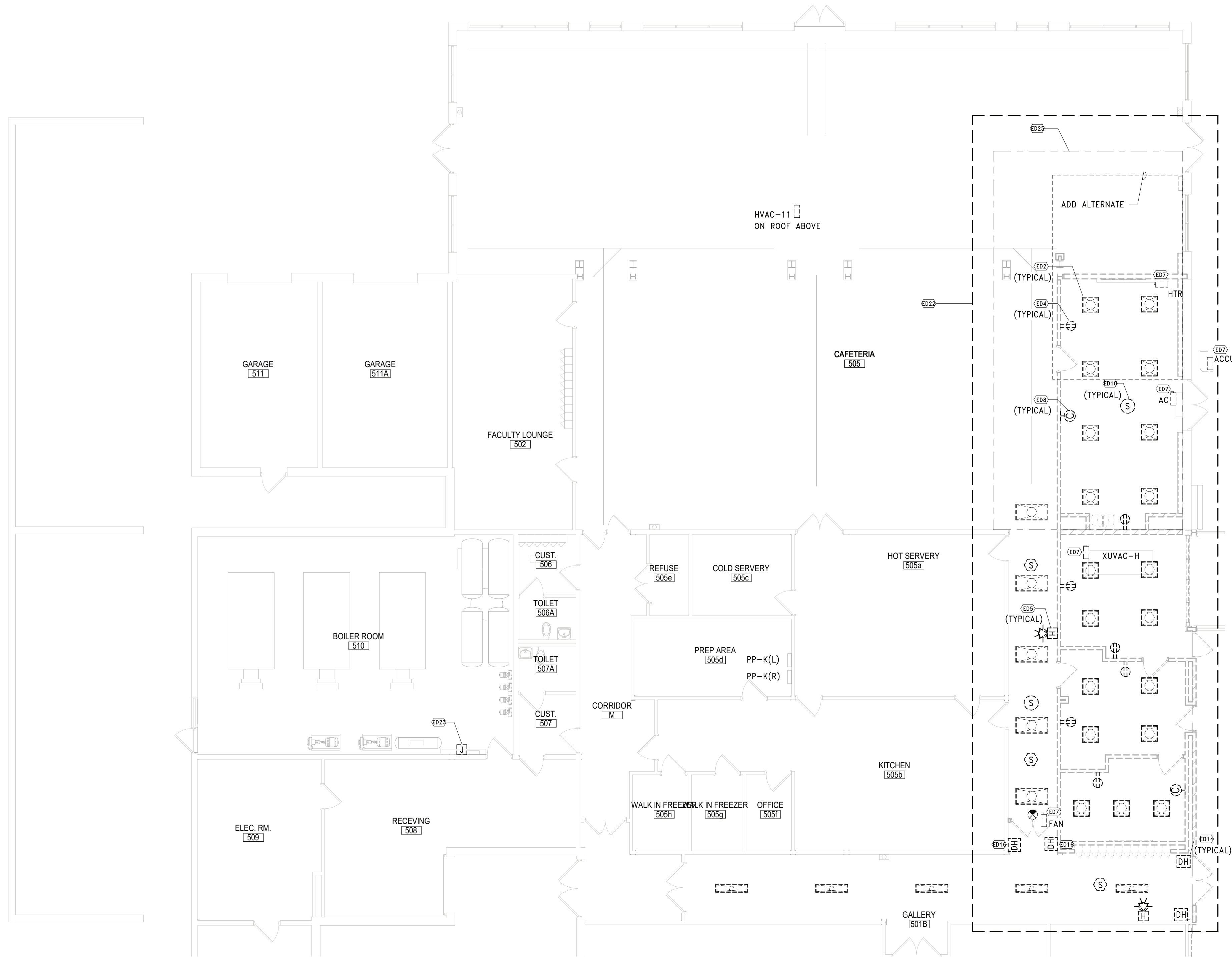




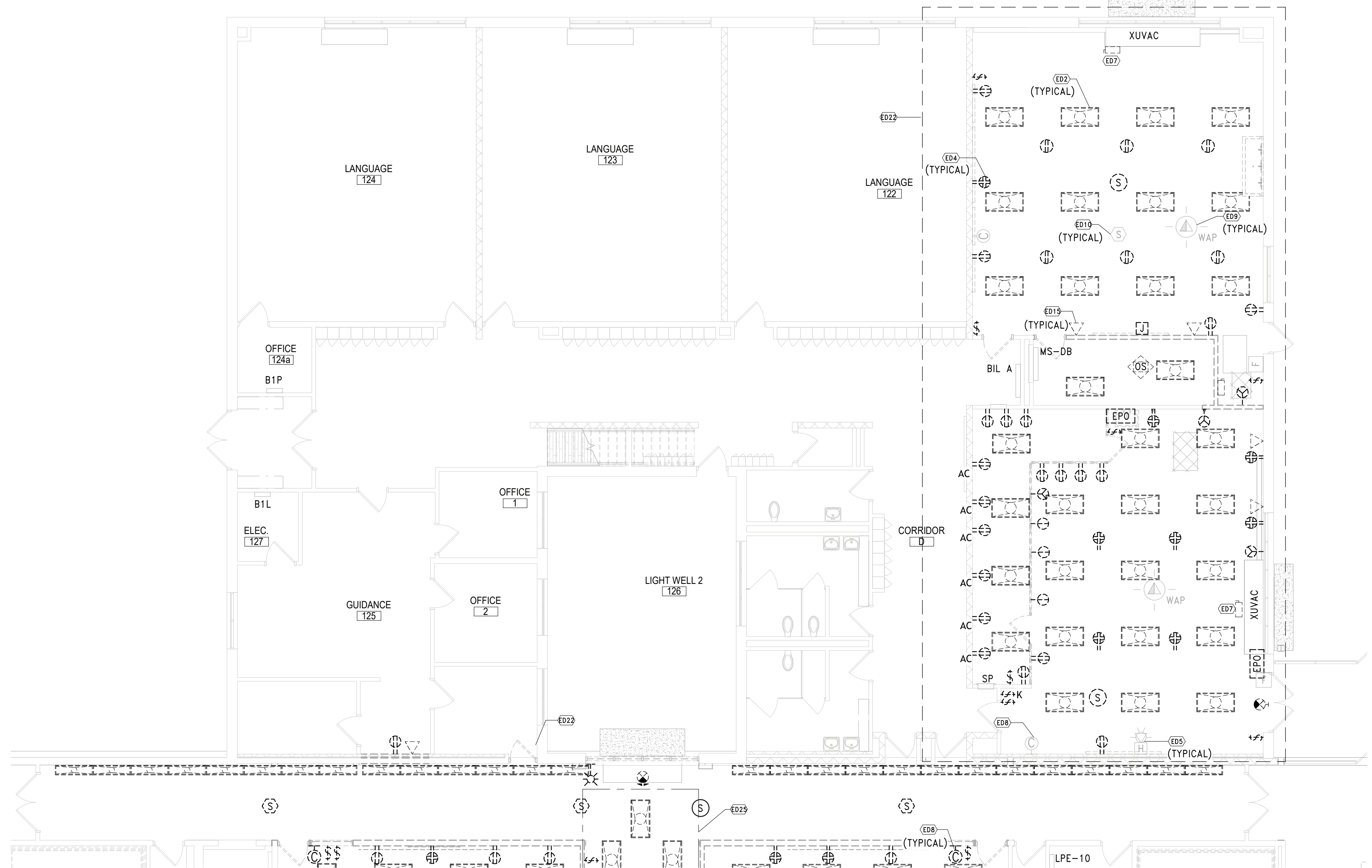




3 DEMO PLAN - SECOND FLOOR AREA D  
SCALE: 1/8" = 1'-0"



1 DEMO PLAN - AREA A  
SCALE: 1/8" = 1'-0"



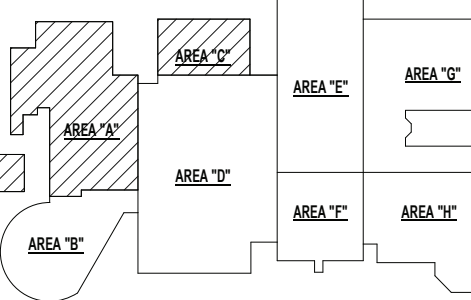
2 DEMO PLAN - AREA C  
SCALE: 1/8" = 1'-0"

#### SHEET NOTES

- CONTRACTOR SHALL FIELD VERIFY TYPE, QUANTITY AND LOCATION OF ALL EXISTING DEVICES TO BE REMOVED PRIOR TO SUBMITTING BID. EXISTING CONDITIONS SHOWN ARE BASED ON EXISTING PLANS AND FIELD OBSERVATIONS. E.O. IS RESPONSIBLE FOR THE REMOVAL OF ALL ELECTRICAL DEVICES ON WALLS SCHEDULED TO BE REMOVED. PULL BACK AND REMOVE ALL ASSOCIATED CIRCUITS.
- ELECTRICAL CONTRACTOR SHALL SECTION OFF FIRE ALARM FROM REST OF BUILDING DURING CONSTRUCTION.
- REFER TO GENERAL DEMOLITION NOTES ON SHEET ED.01 FOR ADDITIONAL DEMOLITION NOTES.
- ALL DEVICES SHOWN AS DASHED LINES ARE TO BE DEMOLISHED. REMOVE ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING BACK TO NEAREST ACTIVE SOURCE.
- ALL DEVICES SHOWN AS GREY/HALFTONED LINES ARE TO REMAIN UNDISTURBED. COORDINATE ALL DEMOLITION WORK AROUND THESE DEVICES. IF NECESSARY TO REMOVE OR RE-CIRCUIT DEVICES, TO ALLOW FOR ARCHITECTURAL OR MECHANICAL WORK, DEVICES SHALL BE REINSTALLED AND RECONNECTED.
- FIELD COORDINATE ALL REMOVALS WITH GC PRIOR TO INITIATION OF WORK. VERIFY THE ABSENCE OF ASBESTOS IN CEILINGS WHERE LIGHTING/ELECTRICAL DEVICES SHALL BE REMOVED.
- ALL DEVICES WITH "ER" DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED. UNINSTALL AND MAINTAIN DEVICES TO ALLOW FOR CEILING WORK. REFER TO NEW WOK PLAN FOR RE-INSTALLATION.

#### NOTICE

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#### KEY NOTES

- DISCONNECT AND REMOVE LIGHTING FIXTURES AND ALL ASSOCIATED CONTROLS AS INDICATED. MAINTAIN ASSOCIATED BRANCH CIRCUIT FOR RE-USE WITH NEW LIGHTING FIXTURES IN THIS SPACE. REFER TO NEW WORK PLAN.
- DISCONNECT AND REMOVE ELECTRICAL DEVICES. WIREMOLD AND SURFACE RACEWAY TO ALLOW FOR ARCHITECTURAL WORK. PULL BACK AND REMOVE ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO NEAREST ACTIVE SOURCE. CIRCUIT CONTINUITY SHALL BE MAINTAINED FOR EXISTING TO REMAIN DEVICES IN SAME CIRCUIT.
- DISCONNECT AND REMOVE FIRE ALARM DEVICE AND ALL ASSOCIATED CABLING BACK TO FACP.
- DE-ENERGIZE AND DISCONNECT MECHANICAL EQUIPMENT TO BE REMOVED (BY OTHERS). REMOVE DISCONNECTING MEANS AND ALL ASSOCIATED FIRE ALARM DUCT SMOKE AND FA SHUTDOWN CONNECTIONS. PULL BACK ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO SOURCE PANEL AND REMOVE.
- REMOVE AND MAINTAIN WIRELESS CLOCKS. CLOCKS TO BE RE-USED IN PROPOSED LOCATION. REFER TO NEW WORK PLAN. FINAL CLOCKS LOCATION TO BE FIELD COORDINATED WITH OWNER.
- DISCONNECT, REMOVE AND MAINTAIN WIRELESS ACCESS POINT. MAINTAIN ASSOCIATED DATA CABLING FOR RECONNECTION. DEVICE SHALL BE REINSTALLED AFTER RENOVATION WORK HAS BEEN COMPLETED.
- DISCONNECT AND REMOVE CEILING DEVICES (PA SPEAKER, SMOKE DETECTOR, RECEPTACLE). PULL BACK ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO NEAREST ACTIVE SOURCE.
- DISCONNECT AND REMOVE DOOR HOLDERS. PULL BACK ALL ASSOCIATED WIRING TO NEAREST ACTIVE SOURCE AND REMOVE.
- REMOVE DATA BOX AND ALL ASSOCIATED CABLES. PULL CABLES BACK TO SOURCE PANEL LOCATION.
- DISCONNECT, REMOVE AND MAINTAIN DEVICE INSTALLED IN PREVIOUS PHASE. TURN HARDWARE OVER TO OWNER AT COMPLETION OF DEMOLITION WORK.
- DISCONNECT AND TEMPORARILY REMOVE LIGHTING FIXTURES TO ALLOW FOR ARCHITECTURAL AND MECHANICAL RENOVATION WORK. MAINTAIN ALL ASSOCIATED POWER AND CONTROL CABLES FOR RE-INSTALLATION. REFER TO NEW WORK PLAN.
- PULL BACK AND REMOVE ALL INACTIVE/ABANDONED CABLING IN RENOVATION AREA. FIELD COORDINATE WITH DISTRICT IT TEAM PRIOR TO CUTTING AND REMOVING OF CABLING.
- DISCONNECT POWER TO ABANDONED CONTROL PANEL TO BE REMOVED BY OTHERS.
- PROVIDE SUPPORTS AND CABLE MANAGEMENT SYSTEM FOR ALL CABLES AND CONDUIT WITHIN INDICATED AREA WHERE CEILING TYPE IS CHANGING FROM DROP TO EXPOSED. COORDINATE WITH ENGINEER AND ARCHITECT FOR THE CLEANUP OF ABOVE CEILING SPACES.

#### KEY PLAN

NO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
DWG TITLE  
PARTIAL DEMOLITION FIRST AND SECOND FL PLAN - AREA A & C

DRWG. BY: EEA  
CHK. BY: AG

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SHEET NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PARTIAL DEMOLITION FIRST AND SECOND FL PLAN - AREA A & C

SCALE: AS NOTED

DATE: 07/07/22

BID PAU DATE:

FILE NO. 21-274C

E1.01

HSMS





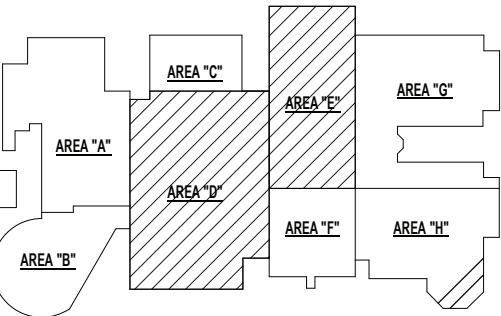


SHEET NOTES	
A.	CONTRACTOR SHALL FIELD VERIFY TYPE, QUANTITY AND LOCATION OF ALL EXISTING DEVICES TO BE REMOVED PRIOR TO SUBMITTING BID.
B.	REFER TO GENERAL DEMOLITION NOTES ON SHEET E0.01 FOR ADDITIONAL DEMOLITION NOTES.

KEY NOTES	
ED6	DE-ENERGIZE AND DISCONNECT MECHANICAL EQUIPMENT TO BE RELOCATED (BY OTHERS). MAINTAIN ASSOCIATED POWER BRANCH CIRCUIT AND DISCONNECTING MEANS FOR EXTENSION AND RECONNECTION TO UNIT IN PROPOSED NEW LOCATION.
ED7	DE-ENERGIZE AND DISCONNECT MECHANICAL EQUIPMENT TO BE REMOVED (BY OTHERS). REMOVE DISCONNECTING MEANS AND ALL ASSOCIATED FIRE ALARM DUCT SMOKES AND FA SHUTDOWN CONNECTIONS. PULL BACK ALL ASSOCIATED BRANCH CIRCUIT CONDUIT AND WIRING TO SOURCE PANEL AND REMOVE.

REV.	DATE	ITEM

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**KEY PLAN**  
NO SCALE

**BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510**

**DEMOLITION PLAN - ROOF**

**PROJECT**

**DWG TITLE**

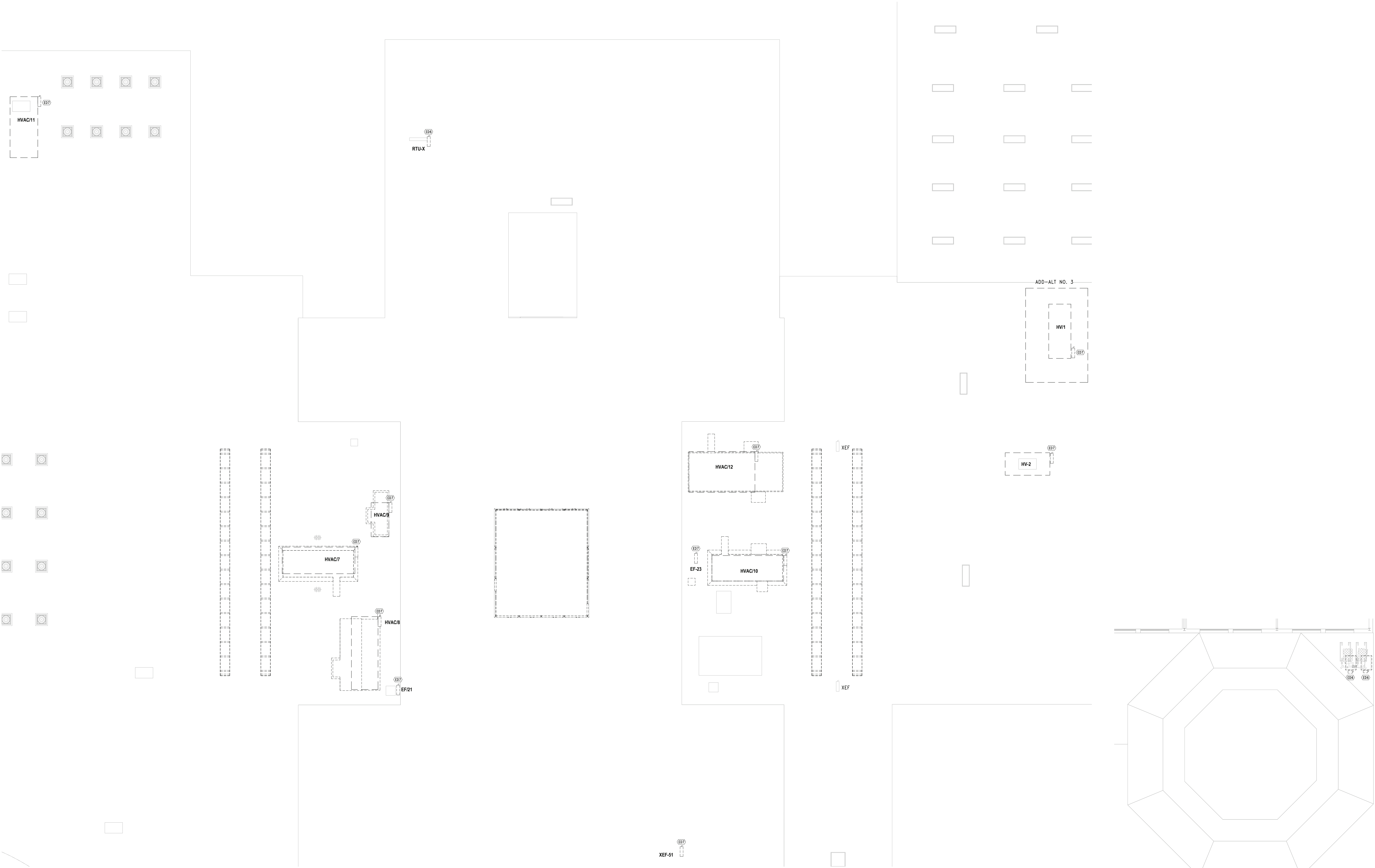
**DRWG. BY:** EEA  
**CHK. BY:** AG

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**SER. NO.** 66-14-02-02-0-004-023  
**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG. TITLE** DEMOLITION PLAN - ROOF  
**SCALE:** AS NOTED  
**DATE:** 07/07/22  
**BID / P.U. DATE:**  
**FILE NO.** 21-274C

**E1.03 HSMS**



**2 ROOF PLAN - REMOVALS**  
SCALE: 3/32" = 1'-0"

**1 DEMO WORK PLAN - SECOND FLOOR AREA H**  
SCALE: 3/32" = 1'-0"



LIGHTING SEQUENCE OF OPERATION

SEQUENCE A

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. NO FIXTURES LABELED AS 'EM'.

4. 3 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

SEQUENCE B

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS 'EM'. FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. 3 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

SEQUENCE C

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS 'EM'. FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. 9 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF TYPE 'a' ALL FIXTURES  
BUTTON 2: DIM UP OF TYPE 'a' SWITCH LEG  
BUTTON 3: DIM DOWN OF TYPE 'a' SWITCH LEG  
BUTTON 4: DIM UP OF TYPE 'b' SWITCH LEG  
BUTTON 5: DIM DOWN OF TYPE 'b' SWITCH LEG  
BUTTON 6: DIM UP OF TYPE 'c' SWITCH LEG  
BUTTON 7: DIM DOWN OF TYPE 'c' SWITCH LEG  
BUTTON 8: DIM UP OF TYPE 'd' SWITCH LEG  
BUTTON 9: DIM DOWN OF TYPE 'd' SWITCH LEG

SEQUENCE D

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS 'EM'. FIXTURES SHALL REMAIN ON AT ALL TIMES.

3. 7 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF TYPE 'a' ALL FIXTURES  
BUTTON 2: DIM UP OF TYPE 'a' SWITCH LEG  
BUTTON 3: DIM DOWN OF TYPE 'a' SWITCH LEG  
BUTTON 4: DIM UP OF TYPE 'b' SWITCH LEG  
BUTTON 5: DIM DOWN OF TYPE 'b' SWITCH LEG  
BUTTON 6: DIM UP OF TYPE 'c' SWITCH LEG  
BUTTON 7: DIM DOWN OF TYPE 'c' SWITCH LEG

SEQUENCE E

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS 'EM'. FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. SINGLE SWITCH FOR ON/OFF CONTROL OF ALL FIXTURES

5. BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

NOTES:

\*\* = DIMMING UP AND DOWN BUTTONS MAY BE SUBSTITUTED WITH DIMMING SLIDE TYPE SWITCH.

2

FIRST FLOOR REFLECTED CEILING PLAN - AREA A BASE BID

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



LIGHTING SHEET NOTES

A. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

B. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

C. REFER TO LIGHTING FIXTURE SCHEDULE ON DWG E601.

D. ALL PROPOSED EMERGENCY EXIT LIGHTING SHALL BE CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING DEVICES. UTILIZE (2)#12, #12G. IN 3/4" EMT CONDUIT. EMERGENCY LIGHTING SHALL REMAIN ON AS NIGHT LIGHTS.

KEY NOTES

E1 LIGHT FIXTURE SHALL BE SWITCHED, PROVIDE FIXTURE WITH UL 924 COMPLIANT EMERGENCY DRIVER AND RELAY TO ALLOW FOR AUTOMATIC ACTIVATION OF LIGHTING IN THE EVENT OF POWER LOSS.

E4 UTILIZE EXISTING CIRCUIT PREVIOUSLY CONNECTED TO REMOVED LIGHTING FIXTURES, AND CONNECT PROPOSED FIXTURES. EXTEND CIRCUIT AS NECESSARY MATCHING EXISTING SIZE(S) AND TYPE(S).

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KEY PLAN

NO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE

PARTIAL FIRST FL LIGHTING PLAN - AREA A & C

DRWG. BY:

EEA

CHK. BY:

AG

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SER. NO.

66-14-02-02-0-004-023

DISTRICT

BRIARCLIFF MANOR U.F.S.D.

PROJECT

PHASE 2 BOND IMPROVEMENTS

DWG TITLE

PARTIAL FIRST FL LIGHTING PLAN - AREA A & C

SCALE:

AS NOTED

DATE:

07/07/22

BID PAU DATE:

FILE NO.

21-274C

E3.01

HSMS

1

FIRST FLOOR REFLECTED CEILING PLAN - AREA C

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





SEQUENCE A

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. NO FIXTURES LABELED AS "EM"

4. 3 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

SEQUENCE B

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS "EM". FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. 3 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

SEQUENCE C

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS "EM". FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. 9 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF TYPE "a" FIXTURES  
BUTTON 2: DIM UP OF TYPE "a" SWITCH LEG  
BUTTON 3: DIM DOWN OF TYPE "a" SWITCH LEG  
BUTTON 4: DIM UP OF TYPE "b" SWITCH LEG  
BUTTON 5: DIM DOWN OF TYPE "b" SWITCH LEG  
BUTTON 6: DIM UP OF TYPE "c" SWITCH LEG  
BUTTON 7: DIM DOWN OF TYPE "c" SWITCH LEG  
BUTTON 8: DIM UP OF TYPE "d" SWITCH LEG  
BUTTON 9: DIM DOWN OF TYPE "d" SWITCH LEG

SEQUENCE D

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS "EM". FIXTURES SHALL REMAIN ON AT ALL TIMES.

3. 7 BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF TYPE "a" FIXTURES  
BUTTON 2: DIM UP OF TYPE "a" SWITCH LEG  
BUTTON 3: DIM DOWN OF TYPE "a" SWITCH LEG  
BUTTON 4: DIM UP OF TYPE "b" SWITCH LEG  
BUTTON 5: DIM DOWN OF TYPE "b" SWITCH LEG  
BUTTON 6: DIM UP OF TYPE "c" SWITCH LEG  
BUTTON 7: DIM DOWN OF TYPE "c" SWITCH LEG

SEQUENCE E

1. OCCUPANCY OR VACANCY SENSOR(S) FOR AUTO-OFF OF ALL FIXTURES AFTER 20 MIN. TIME DELAY

2. NO DAYLIGHT SENSOR(S) IN SPACE

3. WHERE APPLICABLE, U.O.N. UNSWITCHED CONTROL FOR ALL FIXTURES LABELED AS "EM". FIXTURES SHALL REMAIN ON AT ALL TIMES.

4. SINGLE SWITCH FOR ON/OFF CONTROL OF ALL FIXTURES

5. BUTTON WALL STATION:  
BUTTON 1: ON/OFF CONTROL OF GENERAL ILLUMINATION FIXTURES  
BUTTON 2: DIM UP OF GENERAL ILLUMINATION FIXTURES\*\*  
BUTTON 3: DIM DOWN OF GENERAL ILLUMINATION FIXTURES\*\*

NOTES:

\*\* = DIMMING UP AND DOWN BUTTONS MAY BE SUBSTITUTED WITH DIMMING SLIDE TYPE SWITCH.

1 FIRST FLOOR REFLECTED CEILING PLAN - AREA D  
SCALE: 1/8" = 1'-0"

LIGHTING SHEET NOTES

A. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

B. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

C. REFER TO LIGHTING FIXTURE SCHEDULE ON DWG E601.

D. ALL PROPOSED EMERGENCY EXIT LIGHTING SHALL BE CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING DEVICES. UTILIZE (2)#12, #12G, IN 3/4" EMT CONDUIT. EMERGENCY LIGHTING SHALL REMAIN ON AS NIGHT LIGHTS.

KEY NOTES

E1 LIGHT FIXTURE SHALL BE SWITCHED. PROVIDE FIXTURE WITH UL 924 COMPLAINT EMERGENCY DRIVER AND RELAY TO ALLOW FOR AUTOMATIC ACTIVATION OF LIGHTING IN THE EVENT OF POWER LOSS.

E4 UTILIZE EXISTING CIRCUIT PREVIOUSLY CONNECTED TO REMOVED LIGHTING FIXTURES, AND CONNECT PROPOSED FIXTURES. EXTEND CIRCUIT AS NECESSARY MATCHING EXISTING SIZE(S) AND TYPE(S).

E5 RE-INSTALL PREVIOUSLY REMOVED LIGHTING SWITCH IN LOCATION AS INDICATED. FIELD COORDINATE WITH GC FOR EXACT LOCATION.

E6 RE-INSTALL PREVIOUSLY REMOVED LIGHTING FIXTURE IN LOCATION AS INDICATED. FIELD COORDINATE WITH GC FOR EXACT LOCATION.

NOTICE

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KEY PLAN

NO SCALE

PROJECT

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG. BY:

EEA

CHK. BY:

AG

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SED NO.

66-14-02-02-0-004-023

DISTRICT

BRIARCLIFF MANOR U.F.S.D.

PROJECT

PHASE 2 BOND IMPROVEMENTS

DWG TITLE

PARTIAL FIRST FL LIGHTING PLAN - AREA D

SCALE:

AS NOTED

DATE:

07/07/22

BID PAU DATE:

FILE NO.

21-274C

E3.02

HSMS

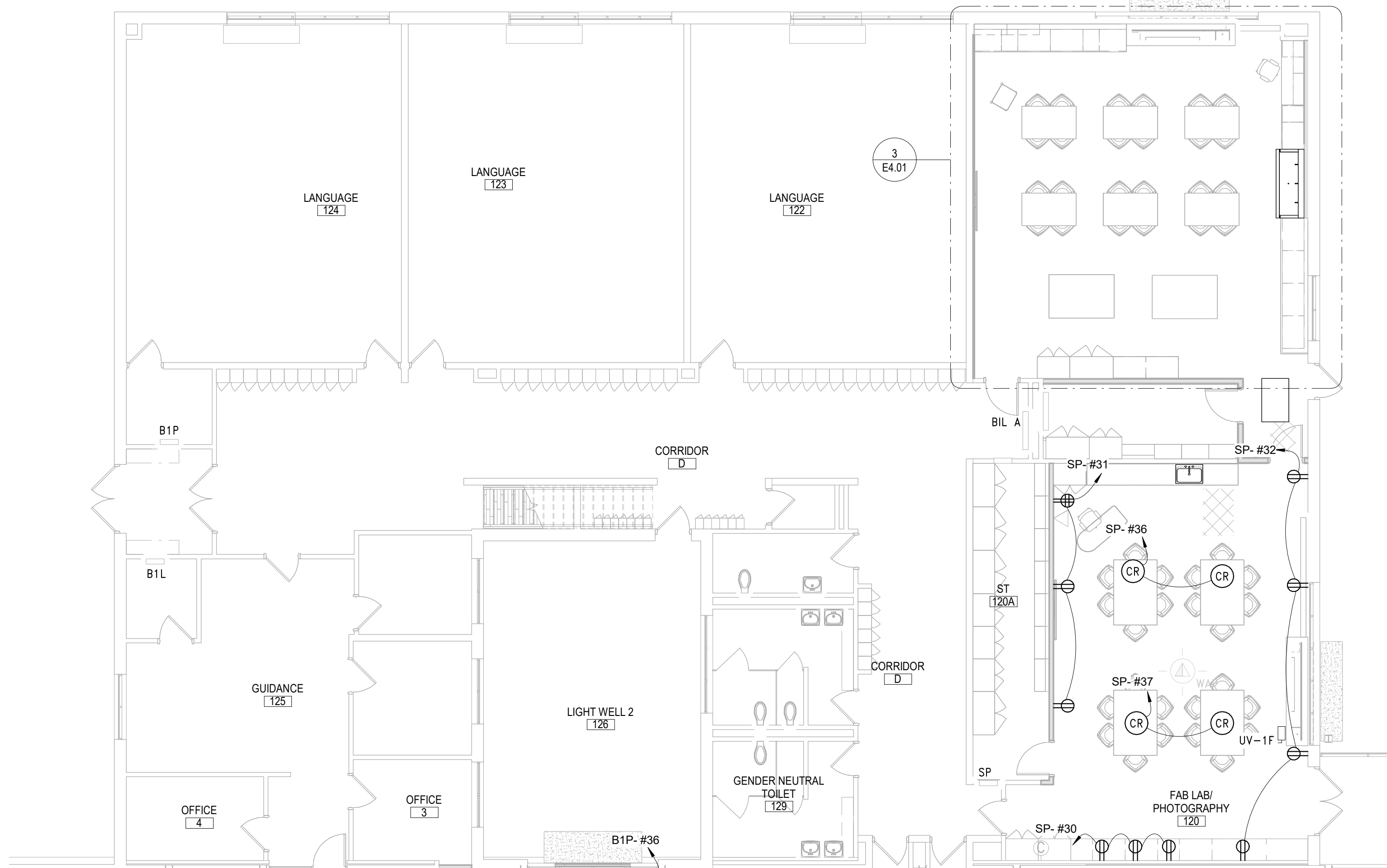


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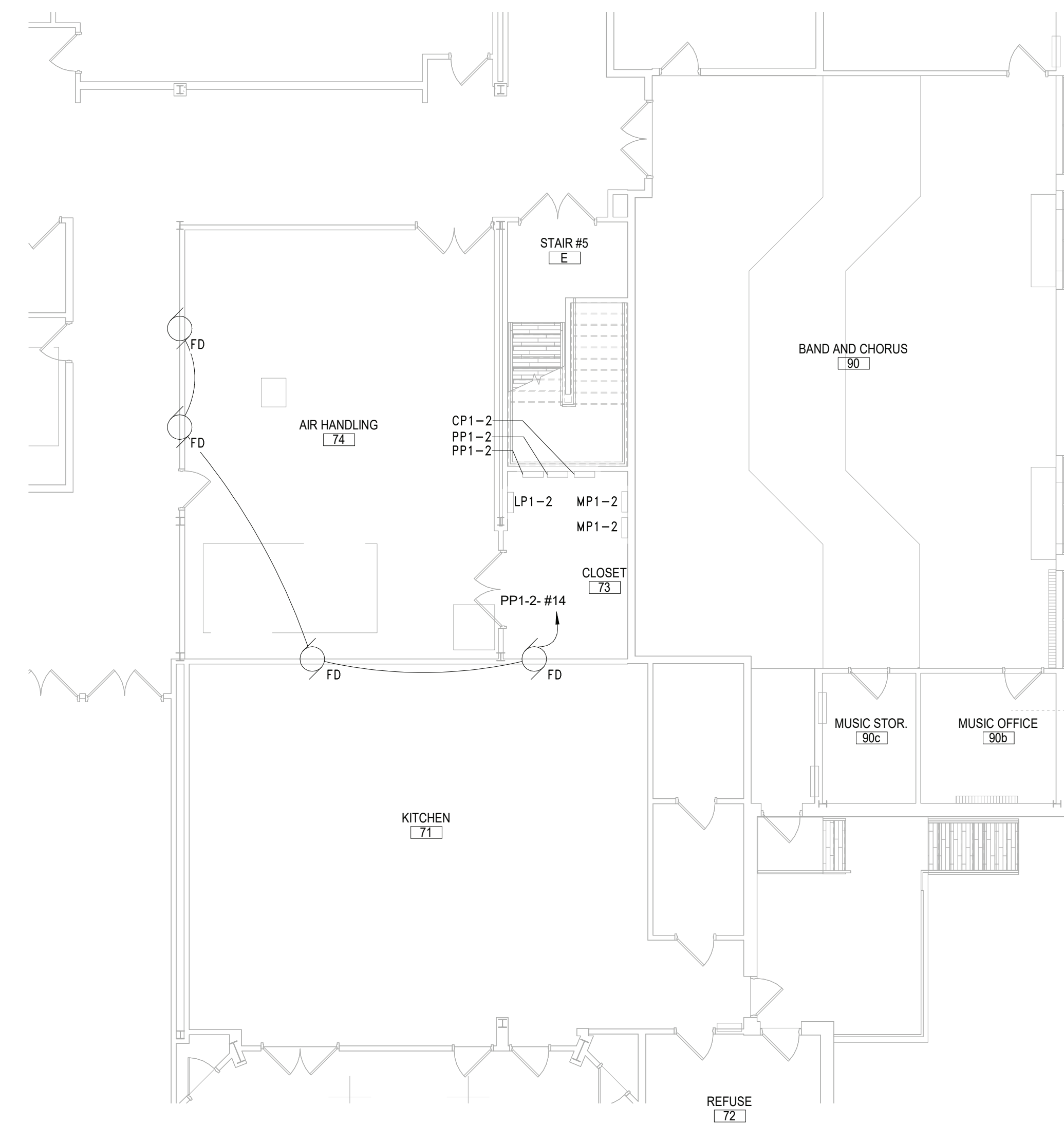




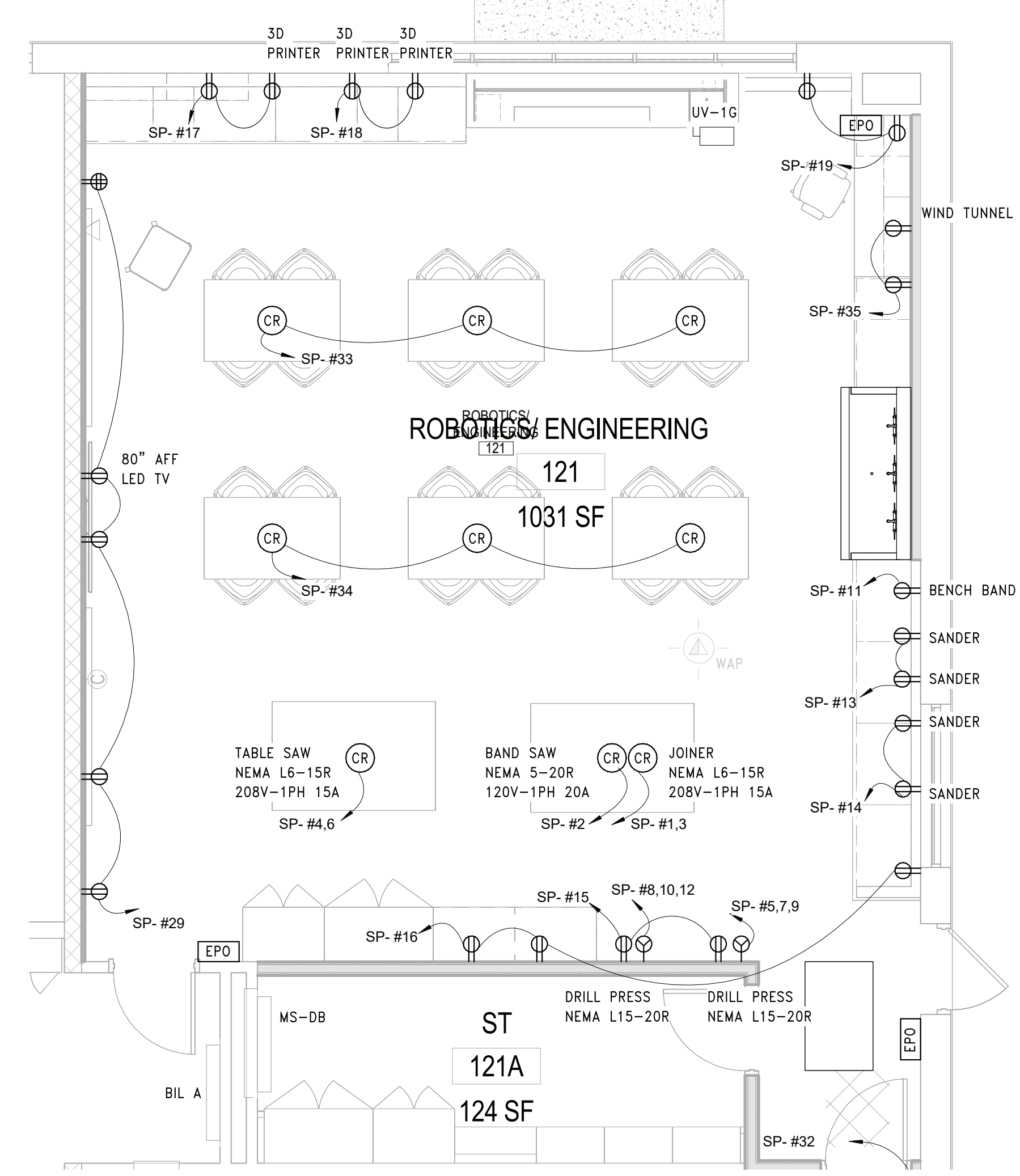

2 FIRST FLOOR PROPOSED PLAN - AREA A BASE BID  
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR PROPOSED PLAN - AREA C BASE BID  
SCALE: 1/8" = 1'-0"



4 FIRST FLOOR PROPOSED PLAN - AREA H  
SCALE: 1/8" = 1'-0"



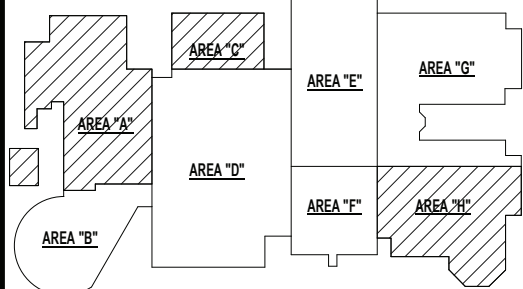
3 FIRST FLOOR PROPOSED PLAN - AREA C ENLARGED PLAN  
SCALE: 1/4" = 1'-0"

POWER SHEET NOTES	
A.	FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
B.	ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
C.	REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.
D.	ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

KEY NOTES	
E9	UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECTRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.

REV.	DATE	ITEM

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KEY PLAN  
NO SCALE

**PROJECT**  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
PARTIAL FIRST FL POWER PLAN - AREA A & C

DRWG. BY: EEA  
CHK. BY: AG

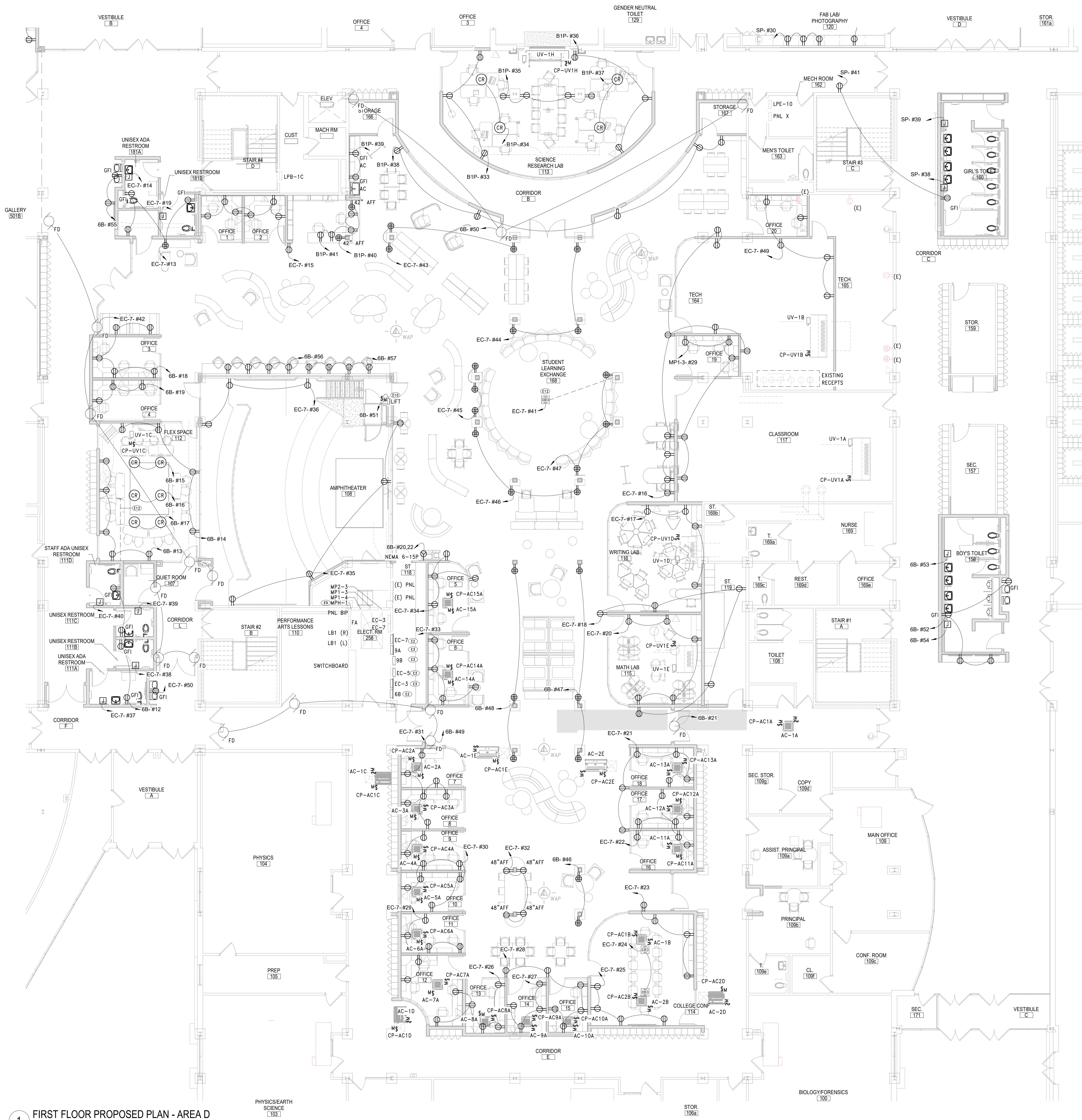
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**SER. NO.** 66-14-02-02-0-004-023  
**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE** PARTIAL FIRST FL POWER PLAN - AREA A & C  
**SCALE:** AS NOTED  
**DATE:** 07/07/22  
**BID PAU DATE:**  
**FILE NO.** 21-274C

**E4.01** **HSMS**





1 FIRST FLOOR PROPOSED PLAN - AREA D  
SCALE: 1/8" = 1'-0"

POWER SHEET NOTES

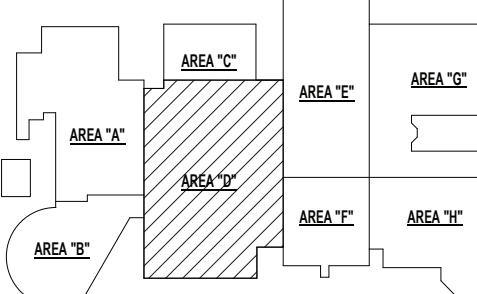
- A. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.
- B. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.
- C. REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.
- D. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

KEY NOTES

- E2 PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. REFER TO PANELBOARD DIRECTORY FOR PANEL'S CHARACTERISTICS.
- E3 ADD ALTERNATE: PROVIDE REPLACEMENT PANEL IN SAME LOCATION AS REMOVED PANEL. CONNECT EXISTING MAIN POWER FEEDERS AND BRANCH CIRCUITS TO PROPOSED PANEL. FIELD VERIFY EXACT CIRCUIT BREAKER AMP RATING OF EACH BREAKER IN PANEL PRIOR TO PURCHASE. BREAKERS POLE SIZES WERE VERIFIED WITH FIELD OBSERVATION HOWEVER BREAKERS AMP RATING WAS NOT LEGIBLE IN ALL.
- E9 UTILIZE SPARE BREAKER SPACES PREVIOUSLY FEEDING REMOVED UNIT FOR PROPOSED UNITS TO BE PROVIDED IN THIS PHASE. REFER TO PANEL BOARD DIRECTORY AND ELECTRICAL EQUIPMENT SCHEDULE FOR BREAKER AND CIRCUIT INFORMATION.
- E10 PROVIDE 20A, 120V-1PH CIRCUIT THROUGH FUSED DISCONNECT WITH AN AUXILIARY CONTACT ON THE MAIN POWER SUPPLY OF THE LIFT. FIELD COORDINATE EXACT DISCONNECT MOUNTING LOCATION PRIOR TO INSTALLATION.
- E12 COORDINATE WITH GC FOR ROUTING OF POWER BELOW SLAB FOR FLOOR RECEPTACLE.

NOTICE

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KEY PLAN

NO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

PROJECT

DWG/TITLE

DRWG. BY: EEA  
CHK. BY: AG

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DISTRICT BRIARCLIFF MANOR U.F.S.D.

PROJECT PHASE 2 BOND IMPROVEMENTS

DWG TITLE PARTIAL FIRST FL POWER PLAN - AREA D

SCALE: AS NOTED

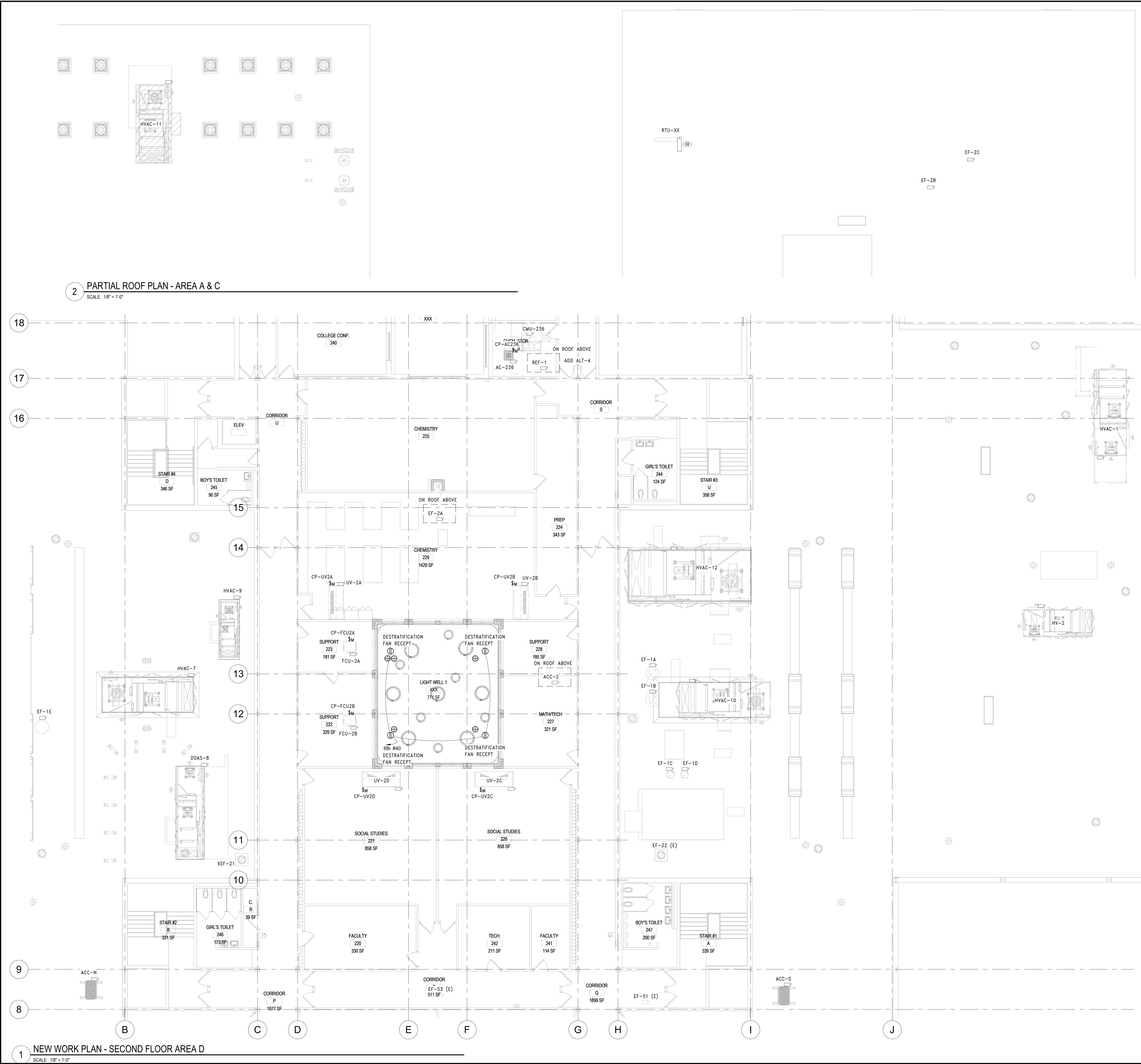
DATE: 07/07/22

BID PAU DATE:

FILE NO. 21-274C

E4.02 HSMS



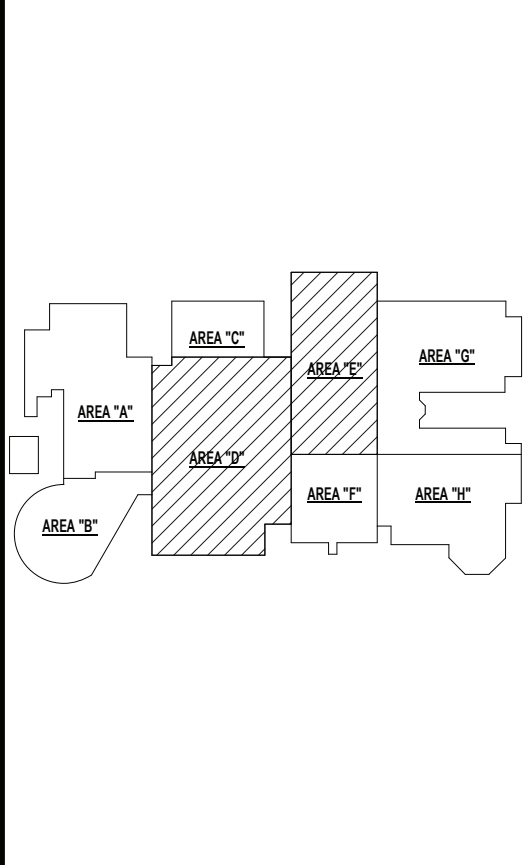


POWER SHEET NOTES		
A.	FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.	
B.	ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.	
C.	REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.01 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.	
D.	ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.	
KEY NOTES		
E8	RECONNECT EXISTING DISCONNECT FOR RELOCATED OUTDOOR CONDENSING UNITS. EXTEND CABLES AS NECESSARY MATCHING EXISTING SIZE AND TYPE. COORDINATE WITH MC FOR EXACT UNIT LOCATION.	

REV.	DATE	ITEM

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ORIGINAL DOCUMENTS



KEY PLAN  
NO SCALE

**BRIARCLIFF MANOR U.F.S.D.**  
**PHASE 2 BOND IMPROVEMENTS**  
**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**PROJECT**

**DWG TITLE**

DRWG. BY: EEA

CHK. BY: AG

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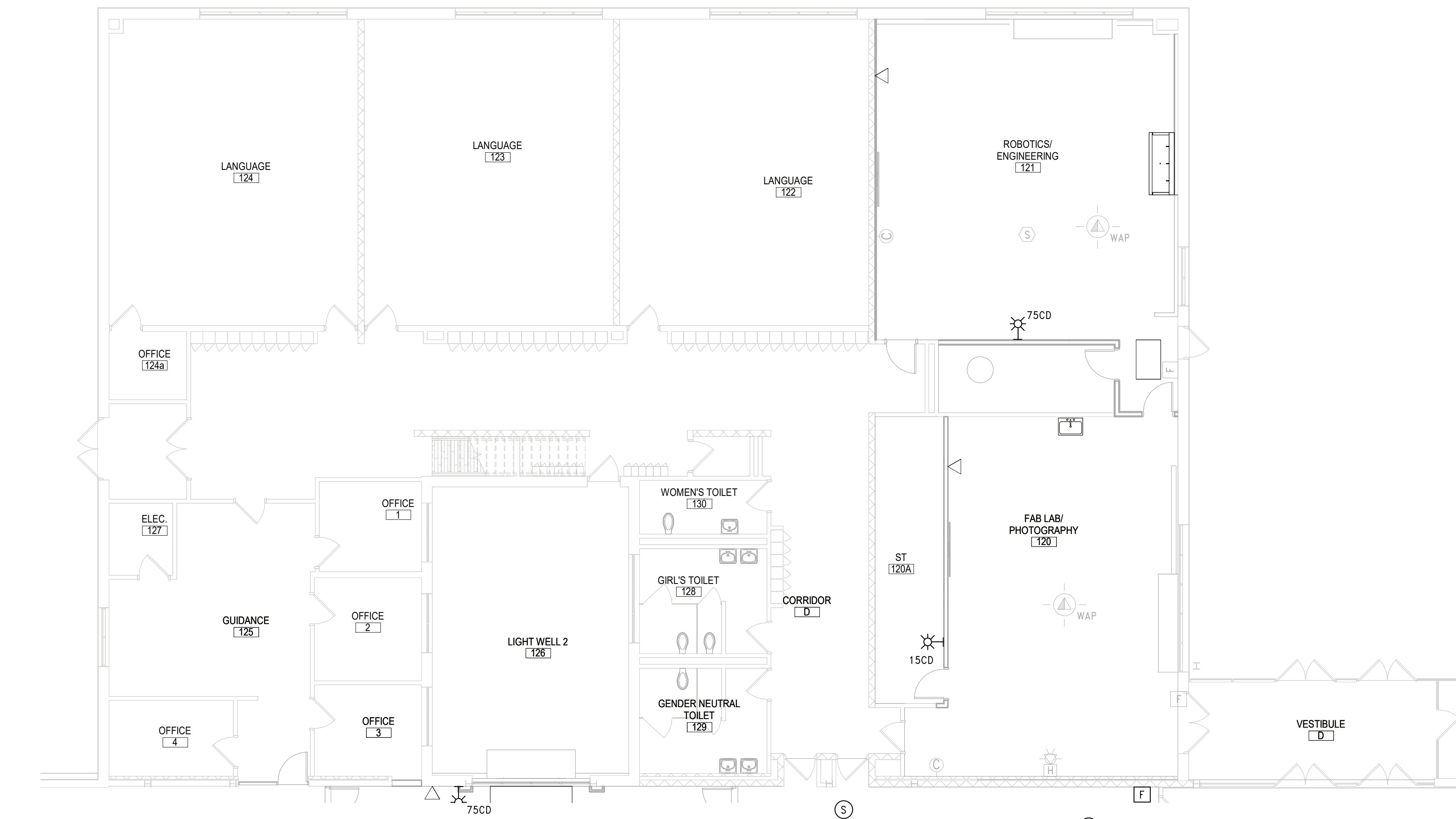
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SED No.	66-14-02-02-0-004-023
DISTRICT	BRIARCLIFF MANOR U.F.S.D.
PROJECT	PHASE 2 CAPITAL BOND IMPROVEMENTS
DWG TITLE	PARTIAL SECOND FLOOR & ROOF PLAN - AREA D & E
SCALE:	As indicated
DATE:	07/07/22
BID PAU DATE:	
FILE NO.	21-274C





2 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA A  
SCALE: 1/8" = 1'-0"

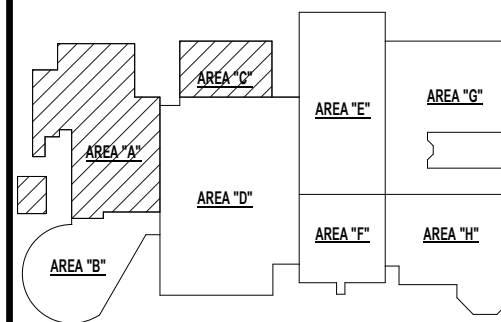


3 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA C  
SCALE: 1/8" = 1'-0"

SYSTEMS SHEET NOTES		
A.	CONNECT ALL PROPOSED FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. PANEL IS AN EDWARDS IO ADDRESSABLE PANEL LOCATED OUTSIDE OF BOILER ROOM 510.	
B.	REFER TO DRAWING E10.03 FOR TECHNOLOGY DETAILS.	
C.	PROVIDE FIRE ALARM RELAY AND CONNECTION FROM FIRE DAMPERS TO FIRE ALARM CONTROL PANEL.	
D.	ALL DEVICES WITH 'ER' DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED AFTER CEILING INSTALLATION HAS BEEN COMPLETED. RE-INSTALL DEVICES IN PROPOSED LOCATION AND RECONNECT TO ASSOCIATED WIRING.	
E.	ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.	
F.	ALL IT AND SECURITY CABLES SHALL BE COLOR CODED AS FOLLOWS: A. DATA - BLUE B. WIRELESS ACCESS POINTS - GREEN C. CAMERAS - PURPLE D. DOORS - YELLOW E. SECURITY - RED	
KEY NOTES		
E7	PROVIDE FIRE ALARM CONNECTION TO FIRE SMOKE DAMPERS.	
E11	PROVIDE EDWARDS FIRE ALARM AUDIO NOTIFICATION SYSTEM PANEL AND CONNECT TO EXISTING FACP. NOTIFICATION PANEL SHALL PROVIDE EXISTING SYSTEM WITH SPEAKER/SPEAKER-STROBE CONNECTIONS FOR DEVICES IN RENOVATED AREA D.	

REV.	DATE	ITEM

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KEY PLAN  
NO SCALE

**PROJECT**  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

**DWG TITLE**  
PARTIAL FIRST FL SYSTEMS PLAN - AREA A & C

DRWG. BY: EEA  
CHK. BY: AG

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**DISTRICT** BRIARCLIFF MANOR U.F.S.D.  
**PROJECT** PHASE 2 BOND IMPROVEMENTS  
**DWG TITLE** PARTIAL FIRST FL SYSTEMS PLAN - AREA A & C  
**SCALE:** AS NOTED  
**DATE:** 07/07/22  
**BID PAU DATE:**  
**FILE NO.** 21-274C

**E5.01** **HSMS**



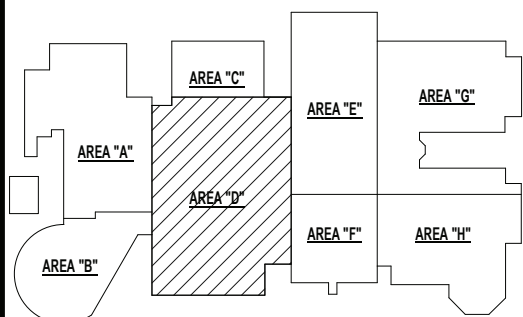


1 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA D  
SCALE: 1/8" = 1'-0"

SYSTEMS SHEET NOTES	
A.	CONNECT ALL PROPOSED FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. PANEL IS AN EDWARDS IO ADDRESSABLE PANEL LOCATED OUTSIDE OF BOILER ROOM 510.
B.	REFER TO DRAWING E10.03 FOR TECHNOLOGY DETAILS.
C.	PROVIDE FIRE ALARM RELAY AND CONNECTION FROM FIRE DAMPERS TO FIRE ALARM CONTROL PANEL.
D.	ALL DEVICES WITH 'ER' DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED AFTER CEILING INSTALLATION HAS BEEN COMPLETED. RE-INSTALL DEVICES IN PROPOSED LOCATION AND RECONNECT TO ASSOCIATED WIRING.
E.	ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.
F.	ALL IT AND SECURITY CABLES SHALL BE COLOR CODED AS FOLLOWS: A. DATA - BLUE B. WIRELESS ACCESS POINTS - GREEN C. CAMERAS - PURPLE D. DOORS - YELLOW E. SECURITY - RED
KEY NOTES	
E7	PROVIDE FIRE ALARM CONNECTION TO FIRE SMOKE DAMPERS.

REV.	DATE	ITEM

**NOTICE**  
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KEY PLAN  
NO SCALE

**BRIARCLIFF MANOR U.F.S.D.**  
**PHASE 2 BOND IMPROVEMENTS**  
**BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL**  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510  
**PARTIAL FIRST FL SYSTEMS PLAN - AREA D**

PROJECT  
DWG TITLE  
DRWG. BY: EEA  
CHK. BY: AG

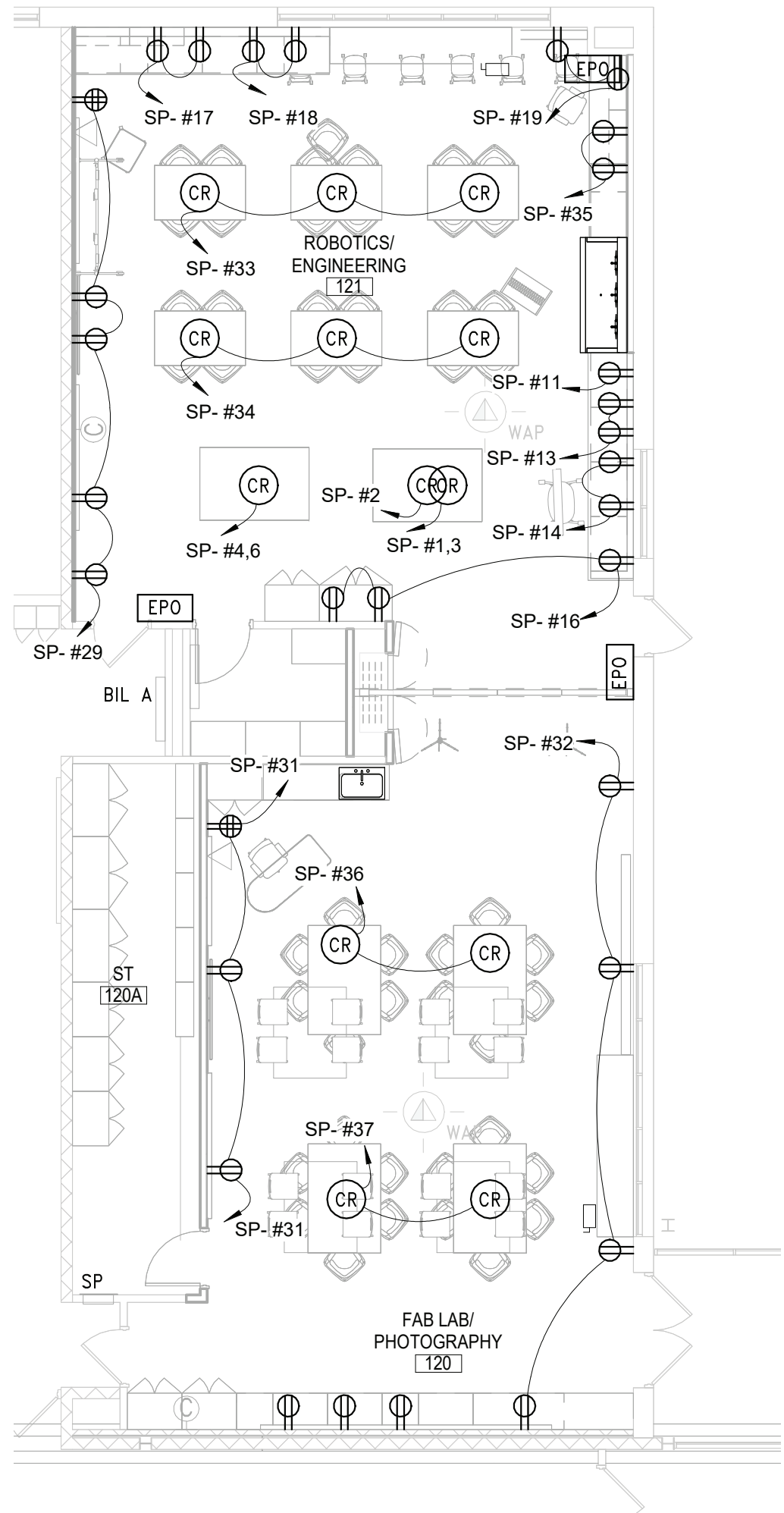
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**LANDSCAPE ARCHITECTS**  
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T. 518.621.7650 T. 631.475.0361  
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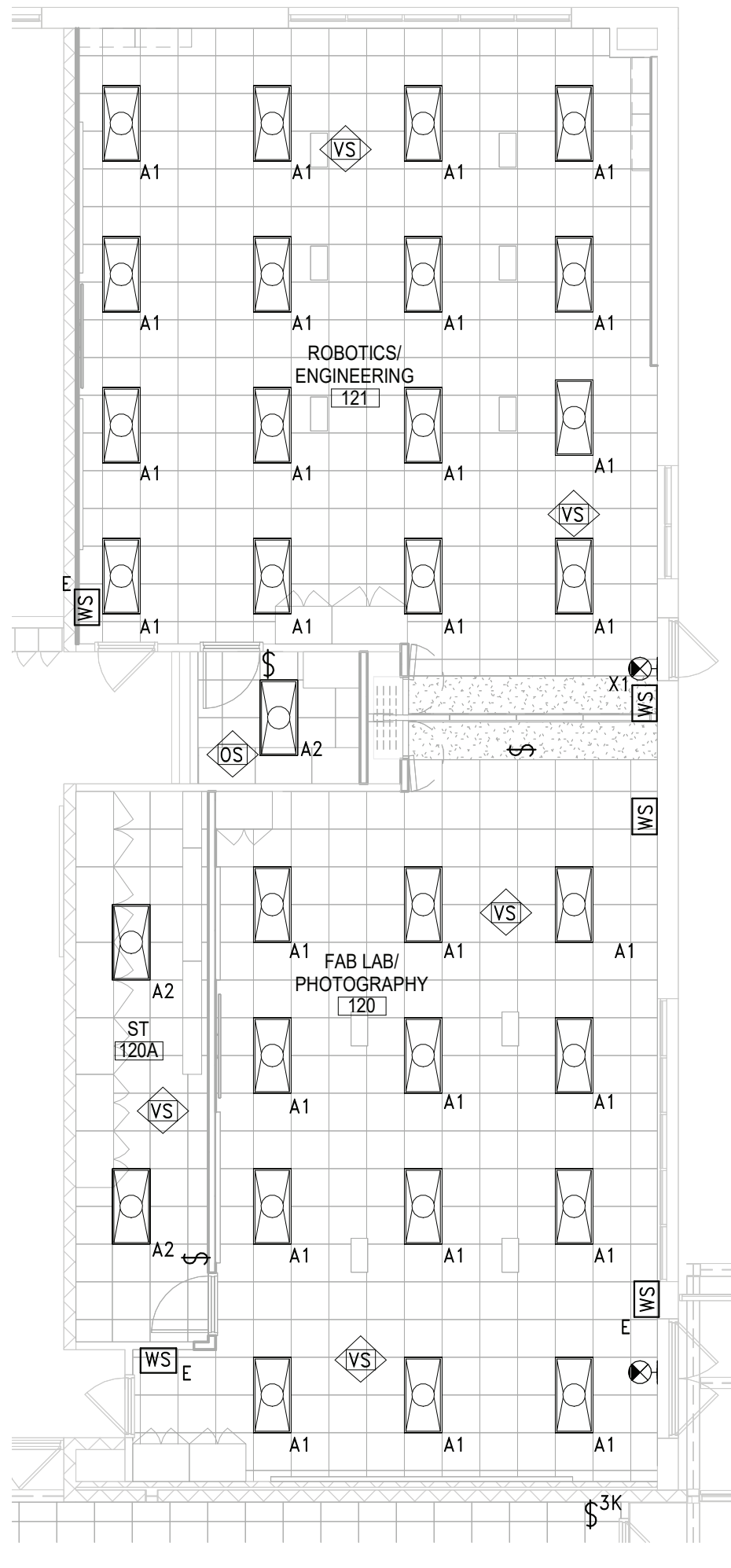
SHEET NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 BOND IMPROVEMENTS  
DWG TITLE PARTIAL FIRST FL SYSTEMS PLAN - AREA D  
SCALE: AS NOTED  
DATE: 07/07/22  
BID P&I DATE:  
FILE NO. 21-274C

**E5.02** **HSMS**

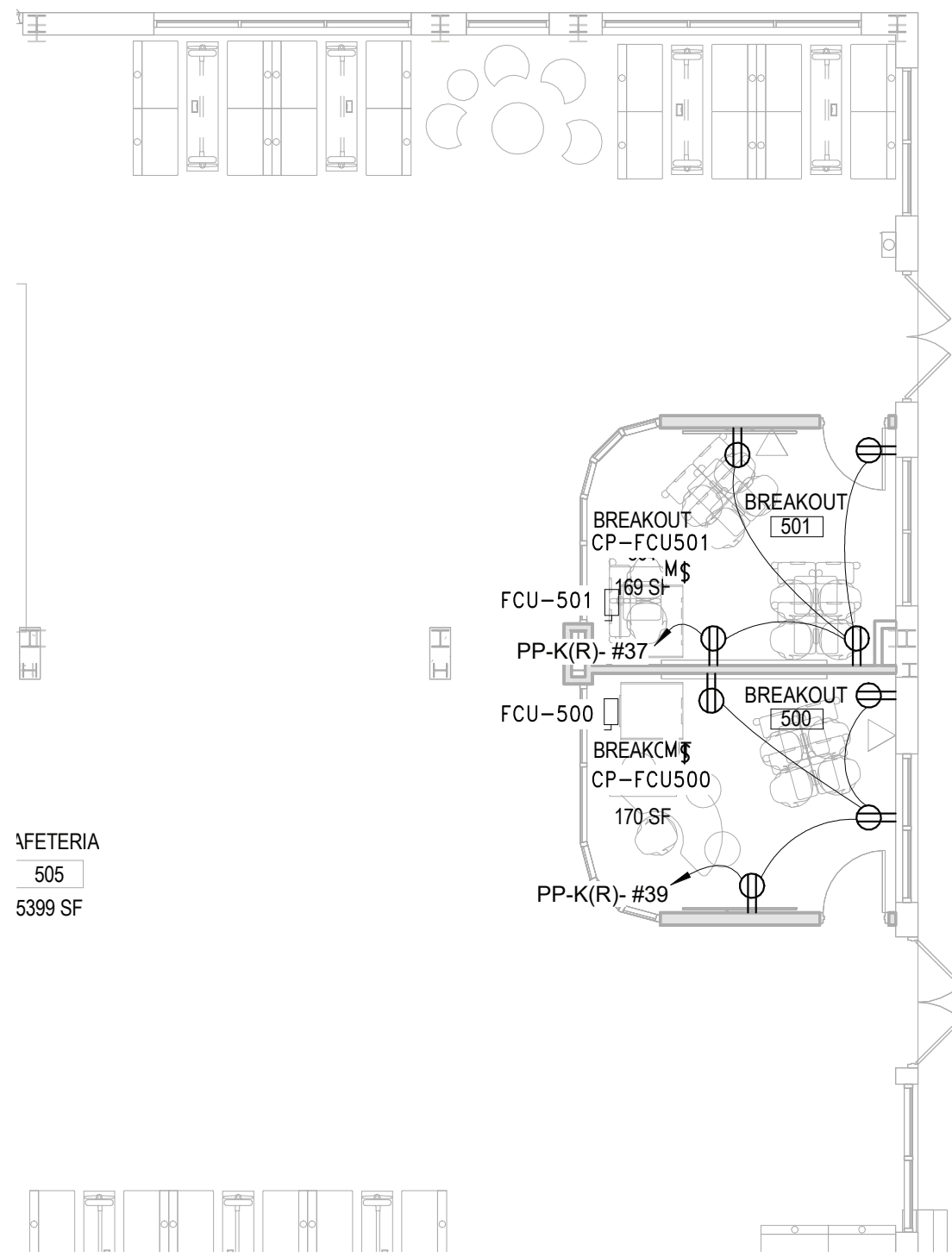




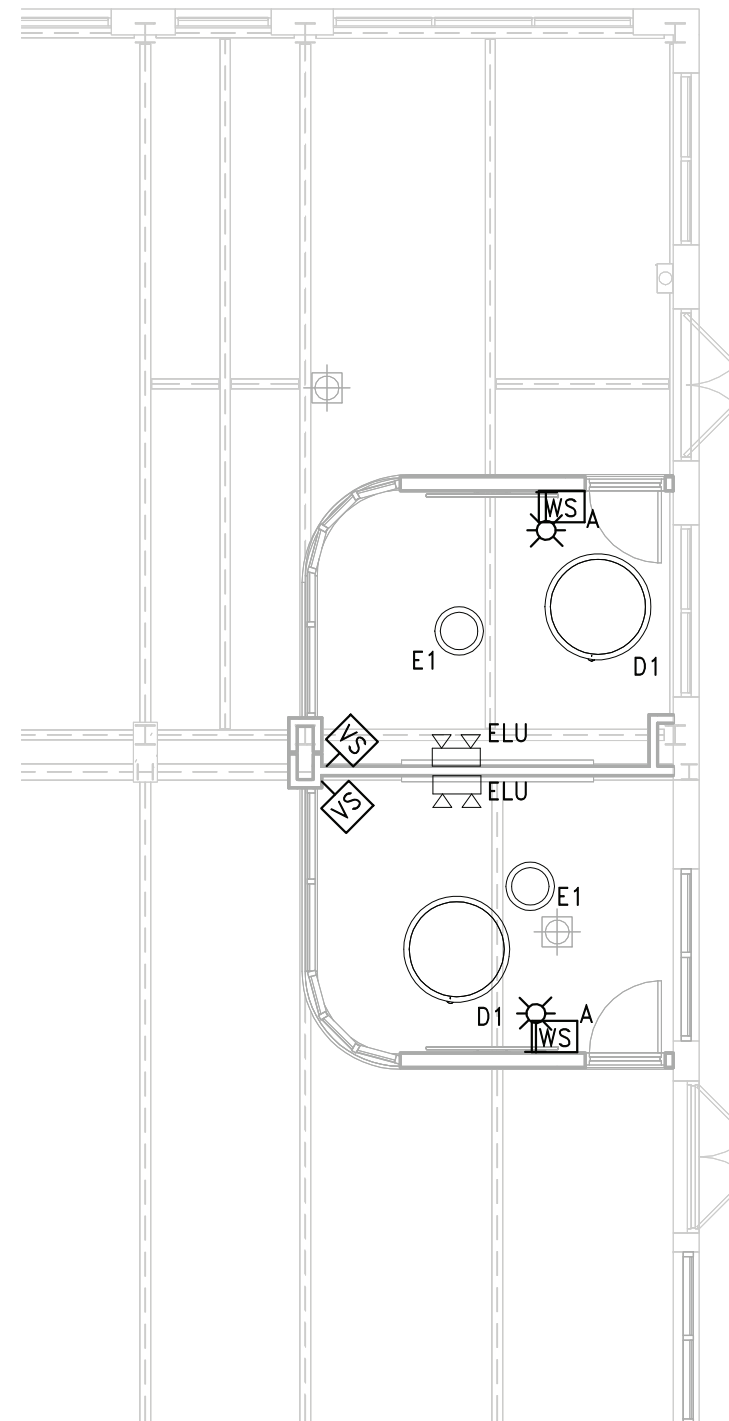
4 FIRST FLOOR PROPOSED PLAN - AREA C ADD ALT  
SCALE: 1/8" = 1'-0"



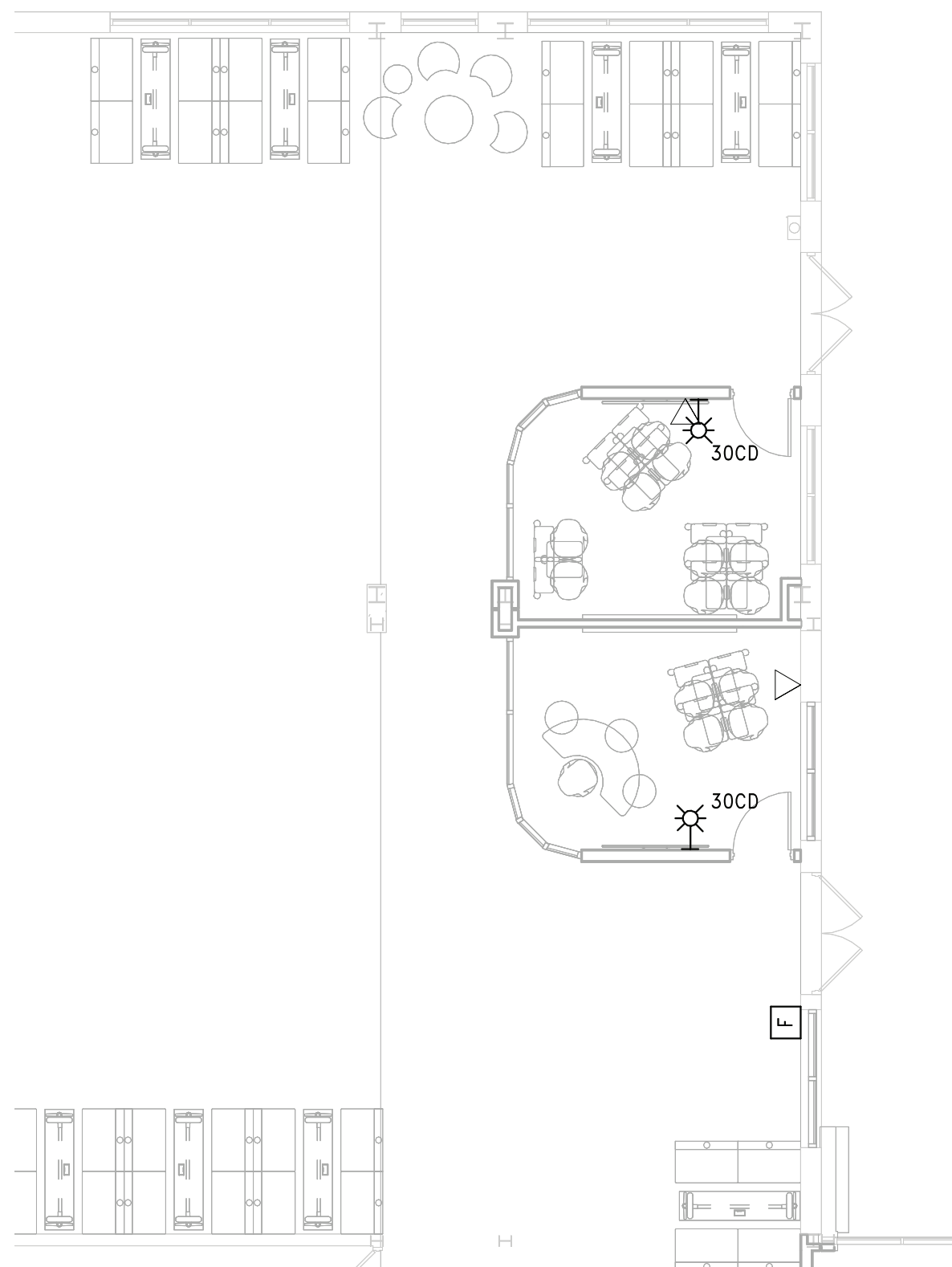
5 FIRST FLOOR REFLECTED CEILING PLAN - AREA C ADD ALT  
SCALE: 1/8" = 1'-0"



3 FIRST FLOOR PROPOSED PLAN - AREA A ADD ALT  
SCALE: 1/8" = 1'-0"



2 FIRST FLOOR REFLECTED CEILING PLAN AREA A ADD ALT  
SCALE: 1/8" = 1'-0"



1 PARTIAL FIRST FLOOR PROPOSED SYSTEMS PLANS - AREA A ADD ALT  
SCALE: 1/8" = 1'-0"

- POWER SHEET NOTES

A. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

B. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

C. REFER TO EQUIPMENT SCHEDULE ON DRAWING E10.D1 FOR MECHANICAL EQUIPMENT ELECTRICAL REQUIREMENTS.

D. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.
- LIGHTING SHEET NOTES

A. FIELD COORDINATE ROUTING OF ALL FEEDERS AND BRANCH CIRCUITS.

B. ALL PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE PROPERLY FIRE-STOPPED.

C. REFER TO LIGHTING FIXTURE SCHEDULE ON DWG E601.

D. ALL PROPOSED EMERGENCY EXIT LIGHTING SHALL BE CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ALL SWITCHING DEVICES. UTILIZE (2) #12, #12C, IN 3/4" EMT CONDUIT. EMERGENCY LIGHTING SHALL REMAIN ON AS NIGHT LIGHTS.
- SYSTEMS SHEET NOTES

A. CONNECT ALL PROPOSED FIRE ALARM DEVICES TO EXISTING FIRE ALARM CONTROL PANEL. PANEL IS AN EDWARDS IO ADDRESSABLE PANEL LOCATED OUTSIDE OF BOILER ROOM 510.

B. REFER TO DRAWING E10.03 FOR TECHNOLOGY DETAILS.

C. PROVIDE FIRE ALARM RELAY AND CONNECTION FROM FIRE DAMPERS TO FIRE ALARM CONTROL PANEL.

D. ALL DEVICES WITH 'ER' DESIGNATION SHALL BE EXISTING TO BE RELOCATED OR RE-INSTALLED AFTER CEILING INSTALLATION HAS BEEN COMPLETED. RE-INSTALL DEVICES IN PROPOSED LOCATION AND RECONNECT TO ASSOCIATED WIRING.

E. ALL DEVICES SHALL BE RECESSED IN WALL. CONTACT ENGINEER AND ARCHITECT TO COORDINATE ANY AREAS WHERE EXISTING WALLS ARE SHOWN WITH NEW DEVICES.

F. ALL IT AND SECURITY CABLES SHALL BE COLOR CODED AS FOLLOWS:  
A. DATA - BLUE  
B. WIRELESS ACCESS POINTS - GREEN  
C. CAMERAS - PURPLE  
D. DOORS - YELLOW  
E. SECURITY - RED

REV.	DATE	ITEM
NOTICE		
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ORIGINAL DOCUMENTS		
KEY PLAN		
NO SCALE		
PROJECT	BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510	
	ELECTRICAL ADD-ALTERNATE PLANS	
DWG TITLE	BRIARCLIFF MANOR U.F.S.D. PHASE 2 BOND IMPROVEMENTS BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL 444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510	
	ELECTRICAL ADD-ALTERNATE PLANS	
DRWG. BY: EEA		
CHK. BY: AG		
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187 WOLF ROAD, STE. 305 ALBANY NEW YORK 12205 T: 518.621.7650 F: 518.621.7655		
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SED No. 66-14-02-02-0-004-023		
DISTRICT BRIARCLIFF MANOR U.F.S.D.		
PROJECT PHASE 2 CAPITAL BOND IMPROVEMENTS		
DWG TITLE ELECTRICAL ADD-ALTERNATE PLANS		
SCALE: As indicated		
DATE: 07/07/22		
BID PAU DATE: 06/16/22		
FILE NO. 21-274C		
E5.03		HSMS



### Branch Panel: MP1-3

Location: ELECT. RM 258  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 22000  
Mains Type: MCB  
Mains Rating: 200 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING CKT.	20 A	2	0 VA	0 VA	0 VA	0 VA	3	20 A	EXISTING CKT.
3	--	--	--					--	--	4
5	EXISTING CKT.	20 A	1			0 VA	0 VA	--	--	6
7	EXISTING CKT.	20 A	3	0 VA	0 VA			3	20 A	EXISTING CKT.
9	--	--	--					--	--	10
11	--	--	--					--	--	12
13	EXISTING CKT.	20 A	3	0 VA	0 VA			3	20 A	EXISTING CKT.
15	--	--	--			0 VA	0 VA	--	--	16
17	--	--	--			0 VA	0 VA	--	--	18
19	EXISTING CKT.	20 A	3	0 VA	0 VA			1	20 A	EXISTING CKT.
21	--	--	--			0 VA	0 VA	1	20 A	EXISTING CKT.
23	--	--	--			0 VA	0 VA	1	20 A	EXISTING CKT.
25	EXISTING CKT.	20 A	1	0 VA				2	20 A	EXISTING CKT.
27	--	--	--			0 VA		--	--	28
29	OFFICE 19 & 20	20 A	1		0 VA	900 VA	0 VA	--	--	30
31	--	--	--					2	20 A	EXISTING CKT.
33	EXISTING CKT.	20 A	1		0 VA	0 VA	0 VA	--	--	34
35	--	--	--					--	--	36
37	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
39	EXISTING CKT.	20 A	2		0 VA	0 VA		2	20 A	EXISTING CKT.
41	--	--	--			0 VA	0 VA	--	--	42
Total Load:				0 VA	0 VA	900 VA				
Total Amps:				0 A	0 A	8 A				

Notes:  
(EXISTING PANEL); ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING.

### Branch Panel: B1L

Location: ELEC. 127  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating:  
Mains Type: MCB  
Mains Rating: 250 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EF-2B	20 A	1	1176 VA	0 VA			1	20 A	EXISTING CKT.
3	EXISTING CKT.	15 A	2		0 VA	0 VA		1	20 A	EXISTING CKT.
5	--	--	--			0 VA	0 VA	--	--	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
9	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
11	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
13	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
15	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
17	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
19	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
21	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
23	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
25	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
27	EXISTING CKT.	20 A	1		0 VA	686.4 VA		2	20 A	UV-F, UV-1G
29	EXISTING CKT.	20 A	1			0 VA	686.4 VA	--	--	30
31	EXISTING CKT.	20 A	1	0 VA	1176 VA			1	20 A	EF-2C
33	--	--	--					--	--	34
35	--	--	--					--	--	36
37	--	--	--					--	--	38
39	--	--	--					--	--	40
41	--	--	--					--	--	42
Total Load:				2352 VA	686 VA	686 VA				
Total Amps:				20 A	6 A	6 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Equipment	3725 VA	100.00%	3725 VA	
				Total Conn. Load: 3725 VA
				Total Est. Demand: 3725 VA
				Total Conn. Current: 10 A
				Total Est. Demand Current: 10 A

Notes:

### Branch Panel: PP1-2

Location: CLOSET 73  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	RECEPT RM M1064 (EXISTING)	20 A	1	0 VA	0 VA			1	20 A	RECEPT RM M1079 (EXISTING)
3	RECEPT RM M1063 (EXISTING)	20 A	1		0 VA	0 VA		1	20 A	RECEPT RM M1079 (EXISTING)
5	RECEPT RM M1-106 (EXISTING)	20 A	1			0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)
7	ELEC WATER FOUNTAIN (EXISTING)	20 A	1	0 VA	0 VA			1	20 A	RECEPT RM M1060 (EXISTING)
9	RECEPT RM 106, 067 (EXISTING)	20 A	1		0 VA	0 VA		1	20 A	RECEPT RM M1060 (EXISTING)
11	MAG LOCK DOOR (EXISTING)	20 A	1			0 VA	0 VA	1	20 A	RECEPT RM M1060 (EXISTING)
13	--	--	--			0 VA		1	20 A	MOTORIZED FIRE DAMPER
15	--	--	--					--	--	16
17	--	--	--					--	--	18
19	--	--	--					--	--	20
21	--	--	--					--	--	22
23	--	--	--					--	--	24
25	--	--	--					--	--	26
27	--	--	--					--	--	28
29	--	--	--					--	--	30
31	--	--	--					--	--	32
33	--	--	--					--	--	34
35	--	--	--					--	--	36
37	--	--	--					--	--	38
39	--	--	--					--	--	40
41	--	--	--					--	--	42
Total Load:				0 VA	0 VA	0 VA				
Total Amps:				0 A	0 A	0 A				

Notes:

### Branch Panel: PNL X

Location: MECH ROOM 162  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating:  
Mains Type: MLO  
Mains Rating: 225 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	--	--	--	1055.6 VA	0 VA	1055.6 VA		3	15 A	CMU-236
3	EXISTING CKT.	20 A	1					--	--	4
5	EXISTING CKT.	20 A	1			0 VA	1055.6 VA	--	--	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
9	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
11	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
13	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
15	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
17	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
19	EXISTING CKT.	20 A	1	0 VA	0 VA			1	20 A	EXISTING CKT.
21	EXISTING CKT.	20 A	1		0 VA	0 VA		1	20 A	EXISTING CKT.
23	EXISTING CKT.	20 A	1			0 VA	0 VA	1	20 A	EXISTING CKT.
Total Load:				1056 VA	1056 VA	1056 VA				
Total Amps:				9 A	9 A	9 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Equipment	3167 VA	100.00%	3167 VA	
				Total Conn. Load: 3167 VA
				Total Est. Demand: 3167 VA
				Total Conn. Current: 9 A
				Total Est. Demand Current: 9 A

Notes:

### Branch Panel: 6B

Location: ST 118  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 10000  
Mains Type: 100A MLO  
Mains Rating: 100 A

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	Spare	20 A	3	0 VA	0 VA			3	20 A	Spare
3	--	--	--		0 VA	0 VA		--	--	4
5	--	--	--			0 VA	0 VA	--	--	6
7	Spare	20 A	3	0 VA	0 VA			2	20 A	Spare
9	--	--	--		0 VA	0 VA		--	--	10
11	--	--	--			0 VA	720 VA	--	--	12
13	RECEPT - RM 112	20 A	1	900 VA	900 VA			1	20 A	REST RM 111D, 111C, 111B & 111A
15	CORD REEL RM 112	20 A	1		0 VA	0 VA		1	20 A	CORD REEL RM 112
17	CORD REEL RM 112	20 A	1			0 VA	900 VA	1	20 A	RECEPT - OFFICE 3
19	RECEPT - OFFICE 4	20 A	1	540 VA	90 VA			2	20 A	PRINTER RECEPT
21	MOTORIZED FIRE DAMPER	20 A	1		0 VA	90 VA		--	--	22
23	AC-1A; 2D, 1D, 1C	20 A	2			104 VA	182 VA	2	20 A	AC-2A; 3A; 4A; 5A; 6A; 7A; 8A
25	--	--	--	104 VA	182 VA			--	--	26
27	AC-9A; 10A; 1B; 2B; 11A; 12A; 13A	20 A	2		182 VA	52 VA		2	20 A	AC-1E; 2E
29	--	--	--		182 VA	52 VA		--	--	30
31	AC-14A; 15A & UV-1E & 1D	20 A	2	478.4 VA	180 VA			1	20 A	UV-1A;1B
33	--	--	--		478.4 VA	270.4 VA		2	15 A	UV-1C
35	UV-1A;1B; 1H	20 A	2			1393.6 VA	270.4 VA	--	--	36
37	--	--	--	1393.6 VA	1392 VA			1	20 A	EF-1C
39	EF-1E	20 A	1		696 VA	720 VA		1	20 A	DESTRATIFICATION FANS
41	CP-AC236; CP-UV2; UV-2B; UV2C;...	20 A	1			1260 VA	1620 VA	1	20 A	CP-AC15A;AC14A;AC1C;AC3A;AC4A;A...
43	CP-AC236; ACRA;AGBA;AC10A;AC1B;AC...	20 A	1	1440 VA	900 VA			1	20 A	CP-AC236; AC1E;AC1E;AC13A;AC1A
45	CP-UV-1E; UV-1D; UV-1A; UV-1B	20 A	1		720 VA	720 VA		1	20 A	COLUMN RECEPT - OPEN AREA
47	COLUMN RECEPT - OPEN AREA	20 A	1			1080 VA	1080 VA	1	20 A	COLUMN RECEPT - OPEN AREA
49	MOTORIZED FIRE DAMPER	20 A	1	0 VA	0 VA			1	20 A	MOTORIZED FIRE DAMPER
51	LIFT DISCONNECT	20 A	1		0 VA	720 VA		1	20 A	RECEPT TOILET 158
53	HAND DRYER RM 158	20 A	1			0 VA	0 VA	1	20 A	HAND DRYER RM 158
55	WATER COOLER & TV RECEPT	20 A	1	360 VA	720 VA			1	20 A	RECEPT - OUTSIDE 108
57	RECEPT - OUTSIDE 108	20 A	1		720 VA			--	--	58
59	--	--	--					--	--	60
Total Load:				9580 VA	5369 VA	8844 VA				
Total Amps:				84 A	45 A	78 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Equipment	6373 VA	80.00%	5098 VA	
Motor	7160 VA	100.63%	7205 VA	
Receptacle	10260 VA	98.73%	10130 VA	
Power	0 VA	0.00%	0 VA	
				Total Conn. Load: 23793 VA
				Total Est. Demand: 22433 VA
				Total Conn. Current: 66 A
				Total Est. Demand Current: 62 A

Notes: NEW PANEL

### Branch Panel: PP-K(R)

Location: PREP AREA 505d  
Supply From:  
Mounting: RECESSED

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating:  
Mains Type: MLO  
Mains Rating: 250 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT	
1	EXISTING CKT.	20 A	1	0 VA	0 VA						20 A	EXISTING CKT.	2	
3	EXISTING CKT.	20 A	1			0 VA	0 VA				1	20 A	EXISTING CKT.	4
5	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	6	
7	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	8	
9	EXISTING CKT.	20 A	1			0 VA	0 VA				1	20 A	EXISTING CKT.	10
11	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	12	
13	EXISTING CKT.	20 A	2	0 VA	0 VA					1	20 A	EXISTING CKT.	14	
15	--	--	--			0 VA				1	20 A	EXISTING CKT.	16	
17	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	18	
19	EXISTING CKT.	20 A	1	0 VA	0 VA						20 A	EXISTING CKT.	20	
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22	
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24	
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26	
27	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	28	
29	EXISTING CKT.	20 A	2					0 VA	0 VA	2	20 A	EXISTING CKT.	30	
31	--	--	--	0 VA	0 VA					--	--	--	32	
33	EXISTING CKT.	20 A	2			0 VA	900 VA			1	20 A	RECEPT - CAFETERIA ENTRANCE	34	
35	--	--	--					0 VA		1	20 A	EXISTING CKT.	36	
37	RECEPT - BREAKOUT 501 (ADD-ALT)	20 A	1	900 VA	114.4 VA					2	20 A	FCU-500 & 501	38	
39	RECEPT - BREAKOUT 500 (ADD-ALT)	20 A	1			900 VA	114.4 VA				--	--	40	
Total Load:				1014 VA		900 VA		1914 VA		0 VA				
Total Amps:				10 A		17 A		0 A						



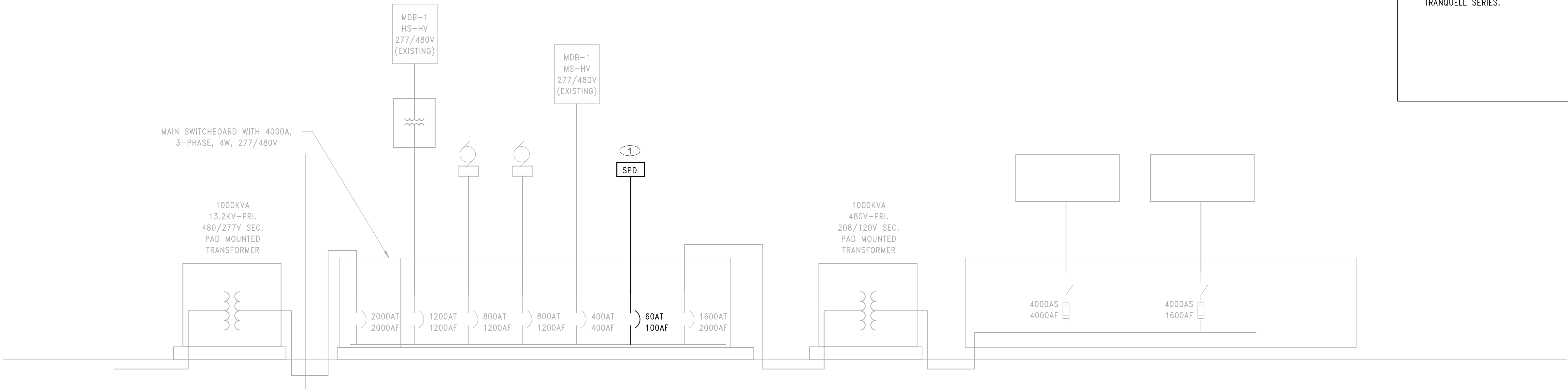
Branch Panel: 9A													
Location: ST 118				Volts: 120/208 Wye				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type: 225A MLO					
Mounting: RECESSED				Wires: 4				Mains Rating: 250 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	EXISTING CKT	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	--	--	--					0 VA	0 VA	--	--	--	12
13	EXISTING CKT	20 A	3	0 VA	0 VA					3	20 A	EXISTING CKT	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	--	--	--					0 VA	0 VA	--	--	--	18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
Total Load:				0 VA		0 VA		0 VA					
Total Amps:				0 A		0 A		0 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
								Total Conn. Load: 0 VA					
								Total Est. Demand: 0 VA					
								Total Conn. Current: 0 A					
								Total Est. Demand Current: 0 A					
Notes:													

Branch Panel: EC-3													
Location: ST 118				Volts: 120/208 Wye				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type: 225A MLO					
Mounting: RECESSED				Wires: 4				Mains Rating: 250 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	15 A	3	0 VA	0 VA					3	20 A	Spare	2
3	--	--	--			0 VA	0 VA			--	--	--	4
5	--	--	--					0 VA	0 VA	--	--	--	6
7	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	8
9	--	--	--			0 VA	0 VA			--	--	--	10
11	--	--	--					0 VA	0 VA	--	--	--	12
13	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	--	--	--					0 VA	0 VA	--	--	--	18
19	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	20
21	--	--	--			0 VA	0 VA			--	--	--	22
23	--	--	--					0 VA	0 VA	--	--	--	24
25	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	26
27	--	--	--			0 VA	0 VA			--	--	--	28
29	--	--	--					0 VA	0 VA	--	--	--	30
31	Spare	20 A	3	0 VA	0 VA					3	20 A	Spare	32
33	--	--	--			0 VA	0 VA			--	--	--	34
35	--	--	--					0 VA	0 VA	--	--	--	36
37	Spare	20 A	3	0 VA						--	--	--	38
39	--	--	--			0 VA							40
41	--	--	--					0 VA					42
Total Load:				0 VA		0 VA		0 VA					
Total Amps:				0 A		0 A		0 A					
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals					
								Total Conn. Load: 0 VA					
								Total Est. Demand: 0 VA					
								Total Conn. Current: 0 A					
								Total Est. Demand Current: 0 A					
Notes:													

Branch Panel: PP-K(R)													
Location: PREP AREA 505d				Volts: 120/208 Wye				A.I.C. Rating:					
Supply From:				Phases: 3				Mains Type: MLO					
Mounting: RECESSED				Wires: 4				Mains Rating: 250 A					
CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	2
3	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	4
5	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	6
7	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	8
9	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	10
11	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	12
13	EXISTING CKT.	20 A	2	0 VA	0 VA					1	20 A	EXISTING CKT.	14
15	--	--	--			0 VA	0 VA			1	20 A	EXISTING CKT.	16
17	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	18
19	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	20
21	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	22
23	EXISTING CKT.	20 A	1					0 VA	0 VA	1	20 A	EXISTING CKT.	24
25	EXISTING CKT.	20 A	1	0 VA	0 VA					1	20 A	EXISTING CKT.	26
27	EXISTING CKT.	20 A	1			0 VA	0 VA			1	20 A	EXISTING CKT.	28
29	EXISTING CKT.	20 A	2					0 VA	0 VA	2	20 A	EXISTING CKT.	30
31	--	--	--	0 VA	0 VA					--	--	--	32
33	EXISTING CKT.	20 A	2			0 VA	900 VA			1	20 A	RECEPT - CAFETERIA ENTRANCE	34
35	--	--	--					0 VA	0 VA	1	20 A	EXISTING CKT.	36
37	RECEPT - BREAKOUT 501 (ADD-ALT)	20 A	1	900 VA	114.4 VA					2	20 A	FCU-500 & 501	38
39	RECEPT - BREAKOUT 500 (ADD-ALT)	20 A	1			900 VA	114.4 VA			--	--	--	40
Total Load:				1014 VA		1914 VA		0 VA					
Total Amps:				10 A		17 A		0 A					
Notes:													
(EXISTING PANEL): ALL NEW BREAKERS SHALL MATCH PANEL'S TYPE AND AIC RATING. FIELD VERIFY EXISTING PANELS RATING.													

Branch Panel: 9B														
Location: ST 118				Volts: 120/208 Wye				A.I.C. Rating:						
Supply From:				Phases: 3				Mains Type: 400 MLO						
Mounting: RECESSED				Wires: 4				Mains Rating: 400 A						
CKT	Circuit Description		Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare		20 A	3	0 VA	0 VA					3	20 A	Spare	2
3	--		--	--			0 VA	0 VA			--	--	--	4
5	--		--	--					0 VA	0 VA	--	--	--	6
7	Spare		20 A	3	0 VA	0 VA					3	20 A	Spare	8
9	--		--	--			0 VA	0 VA			--	--	--	10
11	--		--	--					0 VA	0 VA	--	--	--	12
13	Spare		20 A	3	0 VA	0 VA					3	20 A	Spare	14
15	--		--	--			0 VA	0 VA			--	--	--	16
17	--		--	--					0 VA	0 VA	--	--	--	18
19	Spare		20 A	3	0 VA	0 VA					3	20 A	Spare	20
21	--		--	--			0 VA	0 VA			--	--	--	22
23	--		--	--					0 VA	0 VA	--	--	--	24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42
Total Load:					0 VA		0 VA		0 VA					
Total Amps:					0 A		0 A		0 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals					
									Total Conn. Load: 0 VA					
									Total Est. Demand: 0 VA					
									Total Conn. Current: 0 A					
									Total Est. Demand Current: 0 A					
Notes:														





1 POWER RISER DIAGRAM - HIGH SCHOOL SPD  
SCALE: NTS

SYMBOLS	SHEET NOTES
1 PROVIDE SURGE PROTECTIVE DEVICE (SPD) FOR EXISTING GE SPECTRA MAIN SERVICE SWITCHBOARD. BASIS OF DESIGN SPD SHALL BE 200KA GE TRANQUELL SERIES.	A. ONE-LINE RISER AS SHOWN IS BASED ON EXISTING PLANS AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY POWER DISTRIBUTION AS SHOWN. B. ALL NEW BREAKERS SHALL MATCH EXISTING PANEL TYPE AND AIC RATING. C. GRAY, HALF-TONED LINES INDICATE EXISTING EQUIPMENT.

REV.	DATE	ITEM

NOTICE  
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ORIGINAL DOCUMENTS

KEY PLAN  
NO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

POWER RISER DIAGRAM

PROJECT

DWG TITLE

DRWG. BY: EEA  
CHK. BY: AG

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SHEET NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 CAPITAL BOND IMPROVEMENTS  
DWG TITLE POWER RISER DIAGRAM

SCALE: NTS  
DATE: 07/07/22  
BID PAU DATE: 07/04/22  
FILE NO. 21-274C

E9.01 HSMS



REV.	DATE	ITEM

NOTICE

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TAG	DESCRIPTION	MANUFACTURER	CATALOG NUMBER	WATTAGE / CCT / LAMP / CRI	VOLTAGE	REMARKS
A1	2'X4' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 6500 LUMEN PACKAGE.	COOPER METALUX	24PD-65-PB1-L835	50W/3500K/LED/80+	UNV	
A1-EM	SAME AS A1 WITH EMERGENCY BATTERY PACK OPTION	COOPER METALUX	24PD-65-PB1-EL7W-L835	50W/3500K/LED/80+	UNV	
A2	2'X4' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 3500 LUMEN PACKAGE.	COOPER METALUX	24PD-35-PB1-L835	26W/3500K/LED/80+	UNV	
A2-EM	SAME AS A2 WITH EMERGENCY BATTERY PACK OPTION	COOPER METALUX	24PD-35-PB1-EL7W-L835	26W/3500K/LED/80+	UNV	
A3	2'X4' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 6500 LUMEN PACKAGE.	COOPER METALUX	24PD-65-PB1-L835	65W/3500K/LED/80+	UNV	
B1	2'X2' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 3000 LUMEN PACKAGE.	COOPER METALUX	22PD-30-PB1-L835	25W/3500K/LED/80+	UNV	
B1-EM	SAME AS B1 WITH EMERGENCY BATTERY PACK OPTION	COOPER METALUX	22PD-30-PB1-EL7W-L835	25W/3500K/LED/80+	UNV	
B2	2'X2' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 6500 LUMEN PACKAGE.	COOPER METALUX	22PD-65-PB1-L835	58W/3500K/LED/80+	UNV	
B2-EM	SAME AS B2 WITH EMERGENCY BATTERY PACK OPTION	COOPER METALUX	22PD-65-PB1-EL7W-L835	58W/3500K/LED/80+	UNV	
B3	2'X2' RECESSED LED WITH BEVEL OPTION. DLC LISTED WITH 5500 LUMEN PACKAGE.	COOPER METALUX	22PD-55-PB1-L835	46W/3500K/LED/80+	UNV	
B3-EM	SAME AS B3 WITH EMERGENCY BATTERY PACK OPTION	COOPER METALUX	22PD-55-PB1-EL7W-L835	46W/3500K/LED/80+	UNV	
C1	6-INCH LED SELF-FLANGED, LENSED DOWNLIGHT WITH 2000 LUMEN PACKAGE.	COOPER HALO	PR6FS24D010	20W/3500K/LED/80+	UNV	
C1-EM	SAME AS C1 WITH EMERGENCY BATTERY PACK OPTION	COOPER HALO	PR6FS24D010-REM7	20W/3500K/LED/80+	UNV	
D1	ROUND 55" SUSPENDED DIRECT/INDIRECT LED FIXTURE WITH MOSSWALL WASABI	INTRIA LIGHTING - ACOUSTO	12830-2-U-C-3-0-1-2-2	140W/3500K/LED/80+	UNV	
E1	ROUND 24" SUSPENDED DIRECT/INDIRECT LED FIXTURE WITH SATIN OPAL	INTRIA LIGHTING - WAVE ROUND	12610-3-U-C-1-0-1	29W/3500K/LED/80+	UNV	
ELU	EMERGENCY LIGHTING UNIT - UL924 COMPLIANT WITH DUAL VOLTAGE INPUT, BROWNOUT CIRCUIT, SEALED NICKEL CADMIUM BATTERYBACK-UP	COOPER ATLITE	ATLELD-A-100-SD	LED	UNV	
F1	DIRECT/INDIRECT 4' LINEAR LED FIXTURE STRUCTURE MOUNTED WITH 6500 LUMEN PACKAGE.	COOPER NEO-RAY	S921DIP-W535-ST45-4-UDD-W	68W/3500K/LED/80+	UNV	
F1-EM	SAME AS F1 WITH EMERGENCY BATTERY PACK OPTION	COOPER NEO-RAY	S921DIP-W535-ST45-4-UDD-W-EL7W	68W/3500K/LED/80+	UNV	
F2	DIRECT/INDIRECT 8' LINEAR LED FIXTURE STRUCTURE MOUNTED WITH 6500 LUMEN PACKAGE.	COOPER NEO-RAY	S921DIP-W535-ST85-4-UDD-W	136W/3500K/LED/80+	UNV	
F2-EM	SAME AS F2 WITH EMERGENCY BATTERY PACK OPTION	COOPER NEO-RAY	S921DIP-W535-ST85-4-UDD-W-EL7W	136W/3500K/LED/80+	UNV	
G1	DIRECT LED LINEAR RECESSED FIXTURE. DLC LISTED	COOPER NEO-RAY	S124DR-S-795D-35-U-DD	6.8W/FT/3500K/LED/80+	UNV	REFER TO FLOOR PLA FOR FIXTURE LENGTHS
X1	WALL MOUNTED EXIT FIXTURE WITH DUAL VOLTAGE INPUT, SELF-DIAGNOSTIC, LONG LIFE LED, BROWNOUT CIRCUIT, OVERLOAD/SHORT CIRCUIT PROTECTION	COOPER SURE-LITES	EUX7-R-WH-SD	LED	UNV	
X2	SAME AS X1 - CEILING MOUNTED	COOPER SURE-LITES	EUX7-R-WH-SD	LED	UNV	

Electrical Equipment Schedule														
TAG	DESCRIPTION	VOLTAGE	PHAS E	AMPS - (FLA/MCA)	POWER PANEL	CIRCUIT NUMBER	BREAKER RATING	WIRE	PROVIDE DISCONNECT	DISCONNECT	VFD	PROVIDE DUCT SMOKE	FSD	Notes
AC-1A	INDOOR UNIT	208 V	1	25 MCA	68	23.25	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-1B	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-1C	INDOOR UNIT	208 V	1	1.6 MCA	68	23.25	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-1D	INDOOR UNIT	208 V	1	1.6 MCA	68	23.25	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-1E	INDOOR UNIT	208 V	1	2.3 MCA	68	28.30	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-2A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-2B	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-2D	INDOOR UNIT	208 V	1	1.6 MCA	68	23.25	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-2E	INDOOR UNIT	208 V	1	2.3 MCA	68	28.30	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-3A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-4A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-5A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-6A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-7A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-8A	INDOOR UNIT	208 V	1	25 MCA	68	24.26	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-9A	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-10A	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-11A	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-12A	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-13A	INDOOR UNIT	208 V	1	25 MCA	68	27.29	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-14A	INDOOR UNIT	208 V	1	25 MCA	68	31.33	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
AC-15A	INDOOR UNIT	208 V	1	25 MCA	68	31.33	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
ACC-206	INDOOR UNIT	208 V	1	2 MCA	LPE-10	4.6	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
ACC-2	OUTDOOR AIR UNIT	480 V	3	37.2 FLA	MPH-1	1.3.5	50A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
ACC-N	OUTDOOR AIR UNIT	480 V	3	18.4 MCA	MPH-1	25.27.29	25A-3P	(3)#10, #10G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
ACC-S	OUTDOOR AIR UNIT	480 V	3	18.4 MCA	MPH-1	20.22.24	25A-3P	(3)#10, #10G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CMU-236	MAKEUP AIR UNIT	208 V	3	10.99 MCA	PNL-X	2.4.6	15A-3P	(3)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC1A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	44	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC1B	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC1C	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC1D	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC1E	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	44	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC2A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	44	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC2B	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC2D	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC2E	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	44	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC3A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC4A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC5A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC7A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC8A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC9A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC10A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC11A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC12A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	43	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC13A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	44	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC14A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-AC15A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	42	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-ACC26	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-FOU2A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-FOU2B	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-FOU500	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	PP-K(R)	39	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-FOU501	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	PP-K(R)	37	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	45	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1B	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	45	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1C	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	14	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1D	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	45	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1E	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	45	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV1H	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	B1P	36	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV2A	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV2B	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV2C	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
CP-UJV2D	CONDENSATE DRAIN PUMP	120 V	1	1.5 FLA	68	41	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
DOAS-8	ROOF TOP UNIT	480 V	3	10 MCA	MPH-1	2.4.6	15A-3P	(3)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-1A	EXHAUST FAN	120 V	1	9.8 FLA	LPE-10	9	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-1B	EXHAUST FAN	120 V	1	13.8 FLA	LPE-10	20	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-1C	EXHAUST FAN	120 V	1	5.8 FLA	68	38	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
EF-1D	EXHAUST FAN	120 V	1	5.8 FLA	68	38	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
EF-1E	EXHAUST FAN	120 V	1	5.8 FLA	68	39	15A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-2A	EXHAUST FAN	120 V	1	9.8 FLA	LPE-10	5	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-2B	EXHAUST FAN	120 V	1	13.8 FLA	LPE-10	1	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
EF-2C	EXHAUST FAN	120 V	1	9.8 FLA	B1L	32	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
FOU-2A	FAN COIL UNIT	208 V	1	3.8 MCA	LPE-10	4.6	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
FOU-2B	FAN COIL UNIT	208 V	1	3.8 MCA	LPE-10	4.6	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
FOU-500	FAN COIL UNIT	208 V	1	6 FLA	PP-K(R)	38.40	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
FOU-501	FAN COIL UNIT	208 V	1	6 FLA	PP-K(R)	38.40	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
HV-2	INDOOR UNIT	480 V	3	28 MCA	MPH-1	14.16.18	40A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-1	ROOF TOP UNIT	480 V	3	28 MCA	MPH-1	19.21.23	40A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-7	ROOF TOP UNIT	480 V	3	28 MCA	MOB1-HS-HV	2	40A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-9	ROOF TOP UNIT	480 V	3	13 MCA	MPH-1	7.8.11.6	15A-3P	(3)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-10	ROOF TOP UNIT	480 V	3	22 MCA	MPH-1	13.15.17	50A-3P	(3)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-11	ROOF TOP UNIT	480 V	3	38 MCA	MOB1-HS-HV	1	50A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
HVAC-12	ROOF TOP UNIT	480 V	3	38 MCA	MPH-1	8.10.12	50A-3P	(3)#6, #10G, IN 1" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1,2
REF-1	EXHAUST FAN	120 V	1	5.8 FLA	68	<unavailable>	20A-1P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1A	UNIT VENTILATOR	208 V	1	3.3 FLA	B1L	36	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1B	UNIT VENTILATOR	208 V	1	3.3 FLA	68	36.37	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1C	UNIT VENTILATOR	208 V	1	2.6 FLA	68	34.36	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1D	UNIT VENTILATOR	208 V	1	2.3 FLA	68	31.33	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1E	UNIT VENTILATOR	208 V	1	2.3 FLA	68	31.33	15A-2P	(2)#12, #12G, IN 3/4" C.	No	MC FURNISHED/EC INSTALLED	No	No	No	1
UV-1F	UNIT VENTILATOR	208 V	1	2.3 FLA	68									



REV.	DATE	ITEM

**NOTICE**

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ORIGINAL DOCUMENTS

KEY PLAN  
NO SCALE

PROJECT  
BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

DWG TITLE  
ELECTRICAL DETAILS

DRWG. BY: EEA  
CHK. BY: AG

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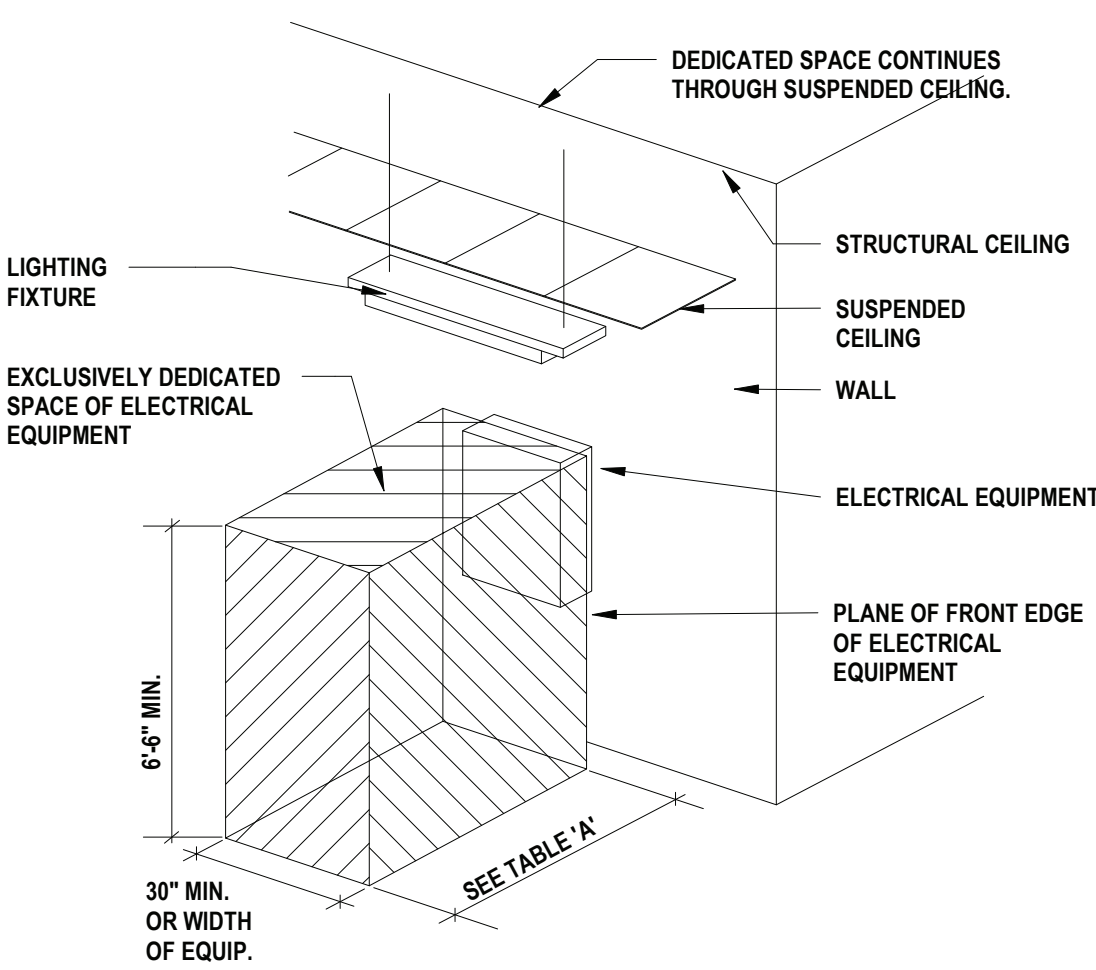
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SED. NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR  
U.F.S.D.  
PROJECT PHASE 2 CAPITAL BOND  
IMPROVEMENTS  
DWG. TITLE ELECTRICAL DETAILS  
SCALE: As indicated  
DATE: 07/07/22  
BID PAU DATE: 06/29/22  
FILE NO. 21-274C

E10.02 HSMS



**NOTES:**

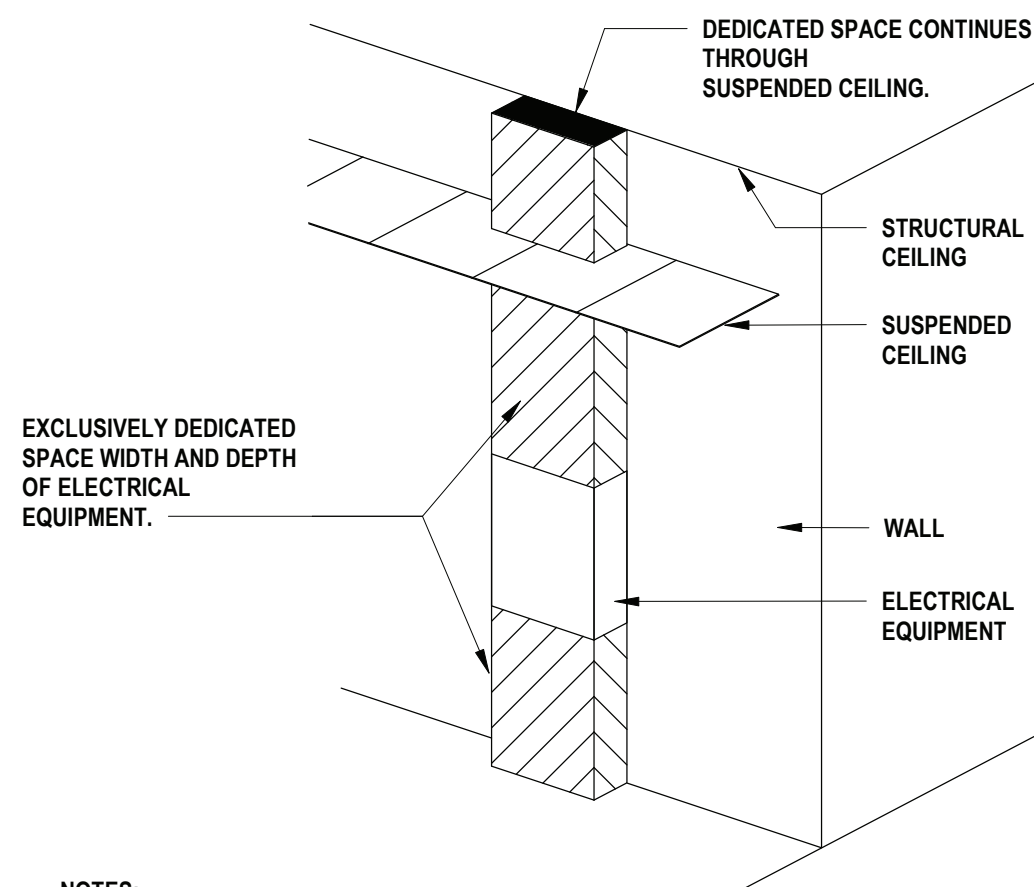
THIS FIGURE ILLUSTRATES THE WORKING SPACE IN FRONT OF THE ELECTRICAL EQUIPMENT AS REQUIRED BY THE NATIONAL ELECTRICAL CODE.  
SEE N.E.C. FOR VOLTAGES GREATER THAN THOSE LISTED.  
SEE N.E.C. FOR EXCEPTIONS TO TABLE 'A'.

NEC 110.26 (A) (1) - WORKING CLEARANCES				
VOLTAGE TO GROUND NOMINAL	CONDITION:	MINIMUM CLEAR DISTANCE (FEET)		
		1	2	3
0 - 150		3	3	3
151 - 600		3	3.5	4

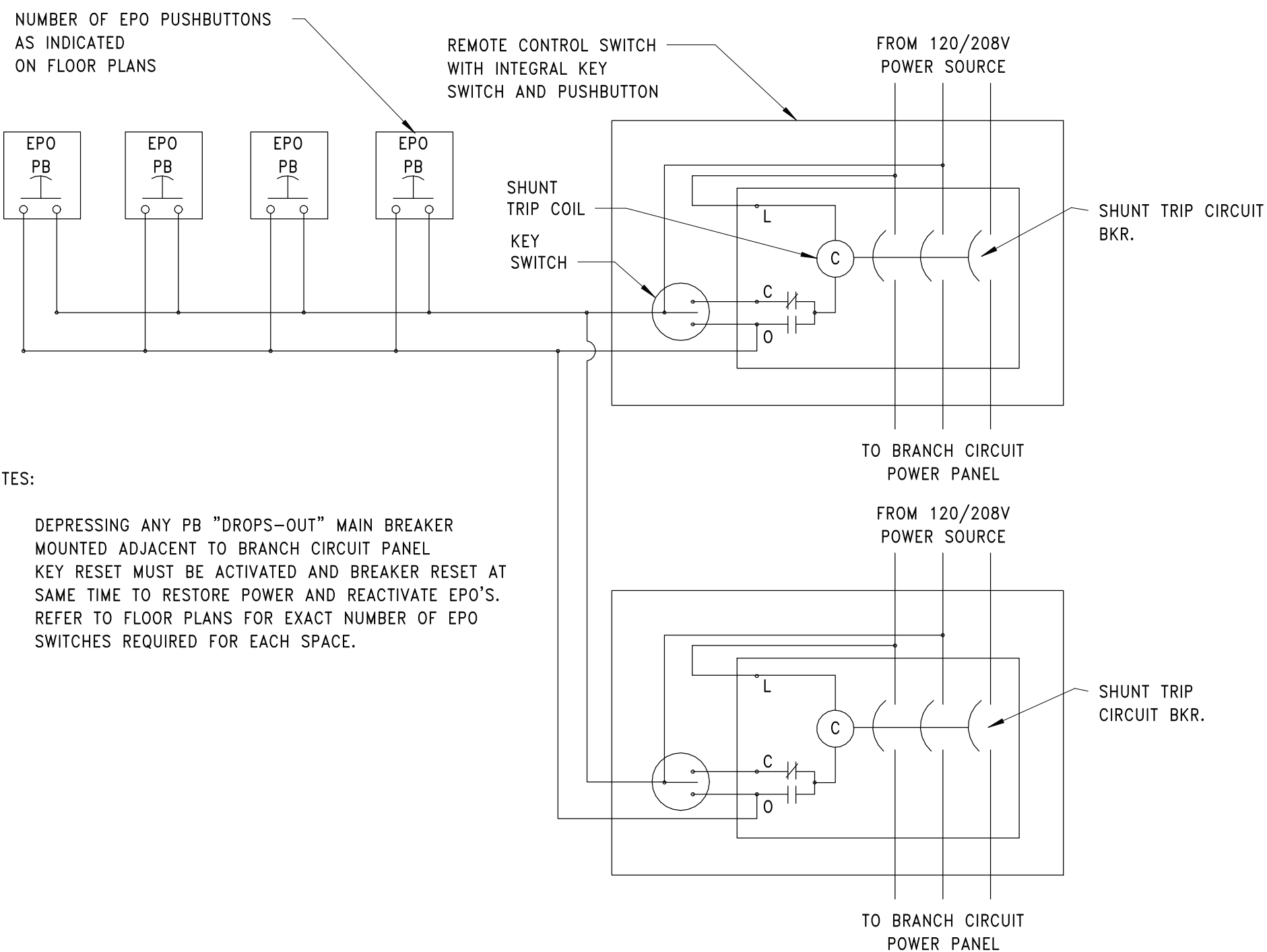
NEC 110.34 (A) - WORKING CLEARANCES				
VOLTAGE TO GROUND NOMINAL	MINIMUM CLEAR DISTANCE (FEET)			
	CONDITION:	1	2	3
601 - 2500		3	4	5
2501 - 9000		4	5	6
9001 - 25,000		5	6	9
25,001 - 75 kV		6	8	10
ABOVE 75kV		8	10	12

WHERE THE CONDITIONS ARE AS FOLLOWS:

- EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDED PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR OTHER INSULATING MATERIALS. INSULATED WIRE OR INSULATED BUSBARS OPERATING AT NOT OVER 300 VOLTS SHALL NOT BE CONSIDERED LIVE PARTS.
- EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDED PARTS ON THE OTHER SIDE.
- EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.



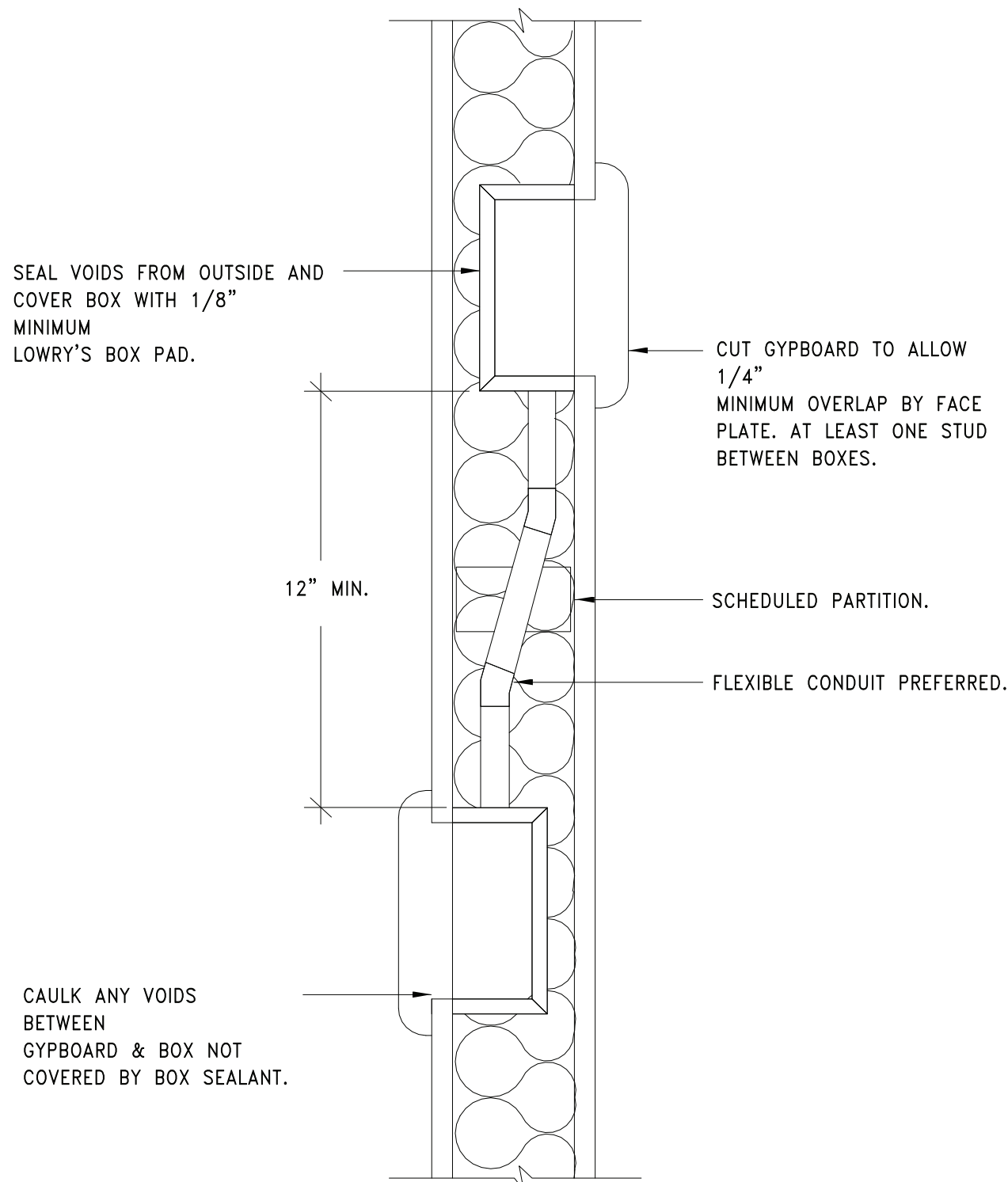
- NOTES:**
- THIS FIGURE ILLUSTRATES THE ADDITIONAL EXCLUSIVELY DEDICATED SPACE REQUIRED OVER AND UNDER THE ELECTRICAL EQUIPMENT FOR CABLES, RACEWAYS, ETC., TO AND FROM THE ELECTRICAL EQUIPMENT. THE DEDICATED SPACE EXTENDS ABOVE THE EQUIPMENT 6 FEET OR TO STRUCTURAL CEILING WHICHEVER IS LOWER.
  - THIS APPLIES TO SURFACE OR RECESSED ELECTRICAL EQUIPMENT.
  - FOR EXCEPTIONS SEE N.E.C.



**NOTES:**

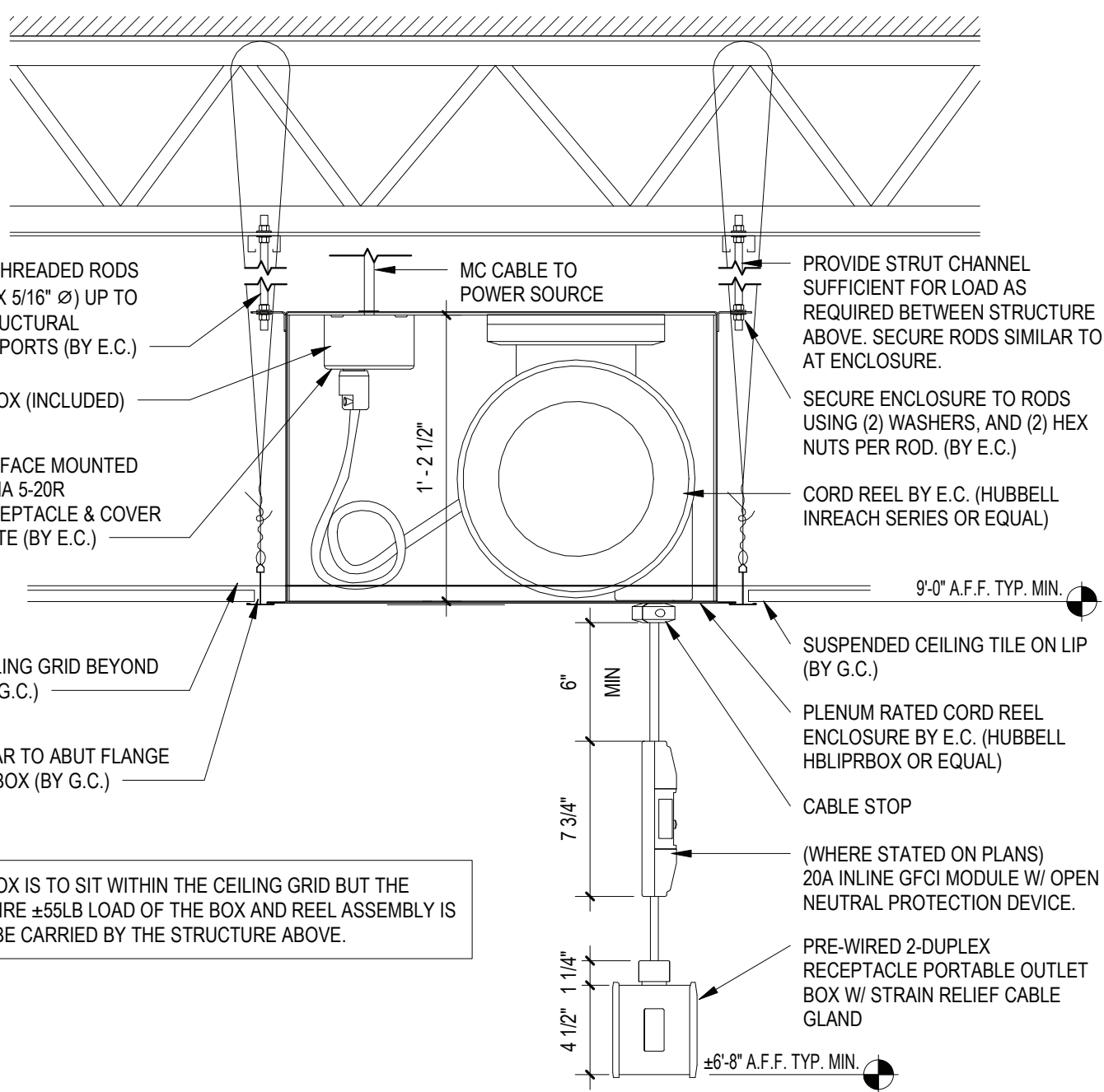
- DEPRESSING ANY PB "DROPS-OUT" MAIN BREAKER MOUNTED ADJACENT TO BRANCH CIRCUIT PANEL.
- KEY RESET MUST BE ACTIVATED AND BREAKER RESET AT SAME TIME TO RESTORE POWER AND REACTIVATE EPO'S.
- REFER TO FLOOR PLANS FOR EXACT NUMBER OF EPO SWITCHES REQUIRED FOR EACH SPACE.

6 EPO/SHUNT-TRIP CIRCUIT BREAKER SCHEMATIC  
SCALE: NTS



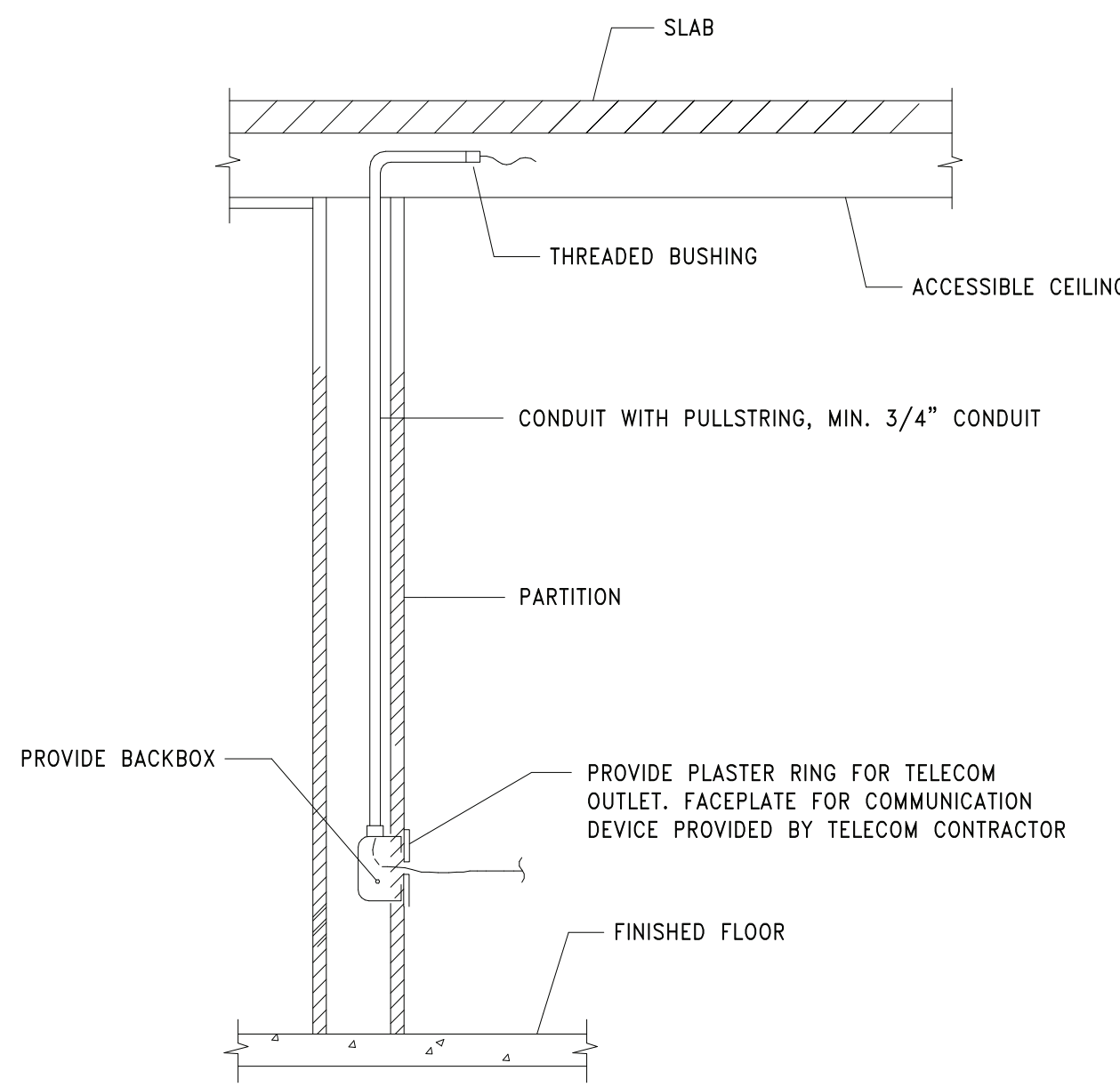
3 ELECTRICAL & TECHNICAL SYSTEMS BACKBOX INSTALLATION DETAIL  
SCALE: NTS

5 TYPICAL HORIZONTAL WORKING CLEARANCE  
SCALE: N.T.S.



2 CORD REEL DETAIL  
SCALE: NTS

4 TYPICAL VERTICAL WORKING CLEARANCE  
SCALE: N.T.S.



1 CONDUIT STUB UP FOR TELECOM OUTLETS AT ACCESSIBLE CEILINGS  
SCALE: NTS

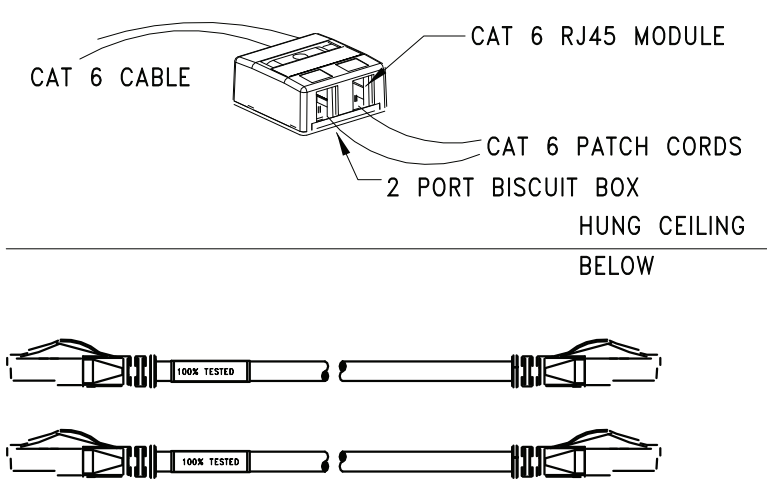


WIRELESS ACCESS POINT			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-SM2-02 (OR MATCH EXISTING)	2 PORT BISCUIT BOX	SIEMON
2	MC6-10-05 (OR MATCH EXISTING)	10' PATCH CORD (YELLOW)	SIEMON
2	MX6-F06 (OR MATCH EXISTING)	RJ45 DATA CONNECTOR - YELLOW	SIEMON
***	UN874029504/10 (OR MATCH EXISTING)	YELLOW CAT 6 CABLE	COMMSCOPE

## 1 DUAL CABLE WIRELESS DROPS

SCALE: N.T.S.

NOTES:  
1. SECURE BISCUIT BOX TO BUILDING STRUCTURE  
2. REFER TO DRAWINGS FOR QUANTITIES

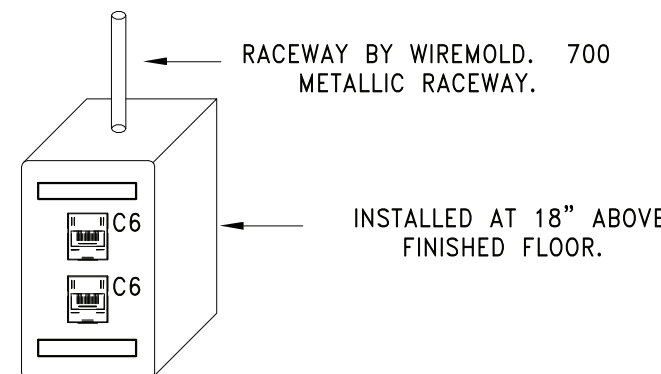


WALL MOUNT DATA BOX			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-FP-S-02-02	2 PORT FACE PLATE	SIEMON
AS NEEDED	V700	V700 METALLIC RACEWAY	WIREMOLD
1	V5747	SHALLOW DEVICE BOX	WIREMOLD
1	V5785	COMBINATION CONNECTOR ENTRANCE FITTING	WIREMOLD
2	MX6-F06	RJ45 DATA CONNECTOR - BLUE	SIEMON
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE

## 2 WALL MOUNT DATA BOX

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. PROVIDE ALL NECESSARY MOUNTING/CONNECTION FITTINGS FOR METALLIC RACEWAY AS NEEDED.

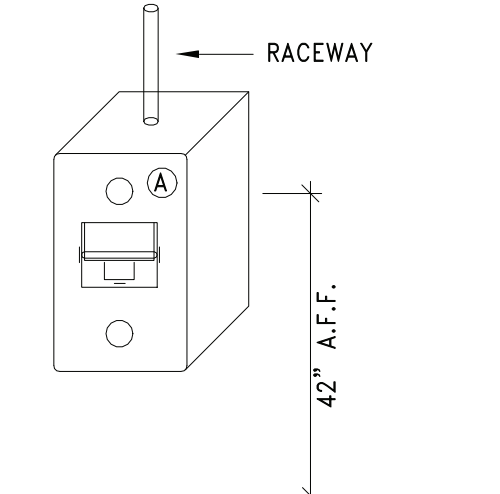


WALL MOUNT TELEPHONE			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-WP-K6-SS	STAINLESS STEEL PHONE PLATE W/CAT6 RJ45	SIEMON
AS NEEDED	V700	V700 METALLIC RACEWAY	WIREMOLD
1	V5747	SHALLOW DEVICE BOX	WIREMOLD
1	V5785	COMBINATION CONNECTOR ENTRANCE FITTING	WIREMOLD
***	UN874049704/10	WHITE CAT 6 CABLE	COMMSCOPE

## 3 TELEPHONE RACEWAY

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY

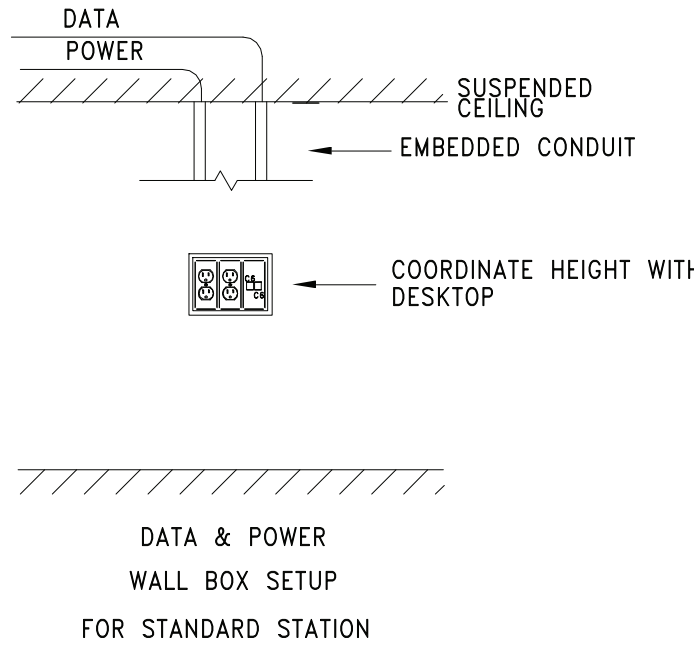


RECESSED WALL BOX			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-FP-S-02-02	2 PORT FACE PLATE	SIEMON
2	MX6-F06	RJ45 DATA CONNECTOR - BLUE	SIEMON
1	DR-D-02	DOUBLE GANG OUTLET FACEPLATE	SIEMON
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE
2	SEE DWG E0.01	TR DUPLEX RECEPTACLE (DECORATOR OPENING)	-
1	WSA00-4	WALL BOX MOUNTING BRACKET	LEGRAND
1	WSA42-4	4 GANG WALL BOX	LEGRAND

## 4 RECESSED WALL BOX

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. COORDINATE HEIGHT WITH HSA DESKTOP HEIGHT  
3. INSTALL CONDUIT AS NEEDED

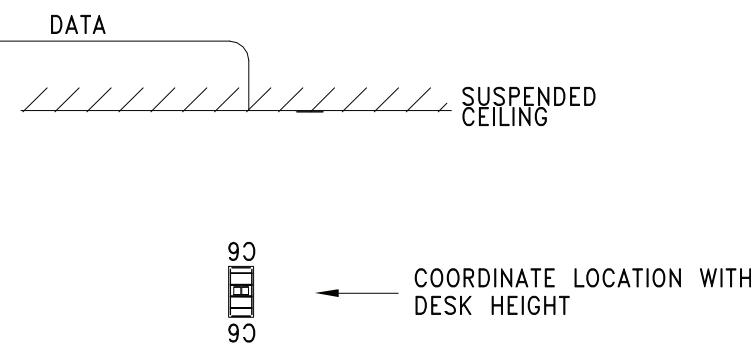


DRYWALL DATA PLATE			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-FP-S-02-02	2 PORT FACE PLATE	SIEMON
2	MX6-F06	RJ45 DATA CONNECTOR - BLUE	SIEMON
1	***	STANDARD DRYWALL BOX ELIMINATOR	***
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE

## 5 DRYWALL DATA PLATE

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. COORDINATE HEIGHT WITH CASEWORK MANUFACTURER  
3. INSTALL CONDUIT AS NEEDED

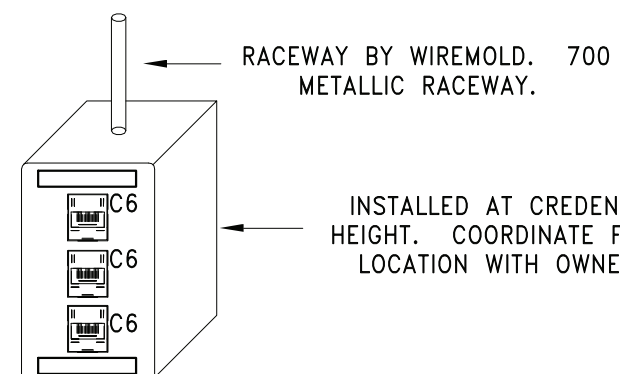


WALL MOUNT CONFERENCE ROOM DATA BOX			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-FP-S-03-02	3 PORT FACE PLATE	SIEMON
AS NEEDED	V700	V700 METALLIC RACEWAY	WIREMOLD
1	V5747	SHALLOW DEVICE BOX	WIREMOLD
1	V5785	COMBINATION CONNECTOR ENTRANCE FITTING	WIREMOLD
3	MX6-F06	RJ45 DATA CONNECTOR - BLUE	SIEMON
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE

## 6 WALL MOUNT CONF RM. DATA BOX

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. PROVIDE ALL NECESSARY MOUNTING/CONNECTION FITTINGS FOR METALLIC RACEWAY AS NEEDED.

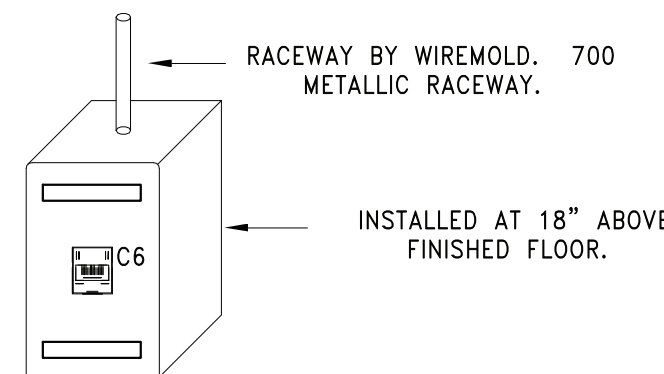


WALL MOUNT SINGLE DATA BOX			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-FP-S-01-02	1 PORT FACE PLATE	SIEMON
AS NEEDED	V700	V700 METALLIC RACEWAY	WIREMOLD
1	V5747	SHALLOW DEVICE BOX	WIREMOLD
1	V5785	COMBINATION CONNECTOR ENTRANCE FITTING	WIREMOLD
1	MX6-F06	RJ45 DATA CONNECTOR - BLUE	SIEMON
***	UN874043004/10	BLUE CAT 6 CABLE	COMMSCOPE

## 7 WALL MOUNT SINGLE DATA BOX

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. PROVIDE ALL NECESSARY MOUNTING/CONNECTION FITTINGS FOR METALLIC RACEWAY AS NEEDED.

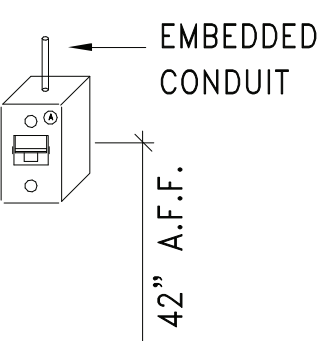


TELEPHONE WALL BOX			
QNTY.	PART NUMBER	DESCRIPTION	MANUFACTURER
1	MX-WP-K6-SS	STAINLESS STEEL PHONE PLATE W/CAT6 RJ45	SIEMON
1	-	STANDARD DRYWALL BOX	-
***	UN874049704/10	WHITE CAT 6 CABLE	COMMSCOPE

## 10 TELEPHONE WALL BOX

SCALE: N.T.S.

NOTES:  
1. REFER TO DRAWINGS FOR QUANTITY  
2. INSTALL CONDUIT AS NEEDED



### DRAWING NOTES - CAT 6/CAT 6A:

- ALL 4-PAIR UTP HORIZONTAL STATION PLENUM RATED CABLES FOR VOICE/DATA SERVICES SHALL BE HOMERUN TO THE NEAREST COMMUNICATIONS ROOM.
- ROUTE COMMUNICATION CABLES THROUGH THE GYPSUM WALLS, CONCRETE BLOCK AND RACEWAY UP TO THE CEILING CAVITY. COMMUNICATIONS CABLES MAIN PATHWAY WILL BE THE HALLWAYS TO THE NEAREST COMMUNICATIONS ROOM.
- REFER TO THE REFLECTED CEILING PLANS AND MECHANICAL PLANS TO COORDINATE PATHWAYS IN THE CEILINGS WITH LIGHT FIXTURES AND MECHANICAL DUCT WORK.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF THE ROUTING OF CABLES ABOVE THE HUNG CEILING WITH THE ELECTRICAL, MECHANICAL AND GENERAL CONTRACTORS PRIOR TO INSTALLATION.
- CONTRACTOR TO VERIFY CEILING HEIGHTS FOR ALL AREAS PRIOR TO INSTALLING ANY CABLE. CONTRACTOR TO COORDINATE THE INSTALLATION OF ANY COMPONENTS IN THE CEILING WITH ALL OTHER TRADES, EQUIPMENT AND FIELD CONDITIONS. ANY CABLE TRANSITIONS ROUTED OVER HVAC DUCTS MUST NOT LAY ON TOP OF THE DUCTS AND MUST BE SUPPORTED OVER THE DUCTS.
- DO NOT LAY CABLES OVER LIGHTING FIXTURES OR ELECTRICAL MACHINERY IN THE HUNG CEILING. CABLES SHALL BE PLACED AT A MINIMUM OF 12 INCHES AWAY FROM MAGNETIC INDUCING EQUIPMENT.
- FURNISH AND INSTALL ADDITIONAL SLEEVES (WITH GROMMETTED ENDS) AS REQUIRED FOR THE ENTRANCES INTO THE COMMUNICATIONS ROOMS AND ANY OTHER APPLICABLE AREAS. ALL SLEEVES SHALL BE FIRESTOPPED WHEN THE INSTALLATION IS COMPLETED.
- PROVIDE ALL PENETRATIONS AND RATED PARTITION FIRESTOPPING EVERY TIME A PARTITION IS TRAVERSED ABOVE THE HUNG CEILING. EXISTING FIREPROOFING MATERIAL WHICH IS DISTURBED OR DAMAGED BY THE WORK UNDER THIS CONTRACT SHALL BE REPLACED AND RESTORED TO THE SATISFACTION OF THE OWNER.
- FURNISH AND INSTALL TRAPEZE, BRIDAL RINGS, CADDY HANGERS, J-HOOKS AND OTHER INDUSTRY ACCEPTED METHODS REQUIRED TO SUPPORT ALL INSTALLED CABLES. DO NOT SUPPORT CABLES ON CEILING BLACK IRON, DROP CEILING GRID OR ON ANY OTHER DEVICES THAT ARE NOT INTENDED FOR THE SUPPORTING OF CABLES. EXCEPT FOR GROUPS OF 10 OR FEWER CABLES, CABLE SUPPORTS SHALL BE ANCHORED TO THE UNDERSIDE OF THE SLAB AND CLAMPED TO BUILDING STEEL.
- CABLES MUST BE SUPPORTED AT A MINIMUM EVERY SIX (6) FEET AND BUNDLES MUST BE HOOK & LOOPED TOGETHER AT A MINIMUM OF EVERY THREE (3) FEET.
- ALL CABLES SHALL BE INSPECTED AS THEY ARE PULLED OFF THE REEL FOR ANY OBVIOUS DEFECTS. REPORT ANY DEFECTS IMMEDIATELY TO THE ENGINEER AND HALT FURTHER USE OF THE CABLE FROM THAT REEL, PENDING A DETERMINATION OF THE QUALITY OF THE REEL BY THE MANUFACTURER.
- ALL CABLES SHALL BE PULLED BY HAND AND CONTINUOUSLY MONITORED BY A TENSION METER SO AS NOT TO EXCEED THE PRESCRIBED MAXIMUM PULLING TENSION RECOMMENDED BY THE MANUFACTURER.
- CONTRACTOR SHALL NOT EXCEED THE CABLE PULLING FORCE AND MINIMUM CABLE BENDING RADIUS. CABLE TERMINATIONS AT DISTRIBUTION RACKS/CABINETS FOR VOICE AND DATA SHALL BE DRESSED NEATLY AND DONE IN A WORKMANLIKE MANNER. HOOK & LOOP CABLES AND CUT TO LENGTH AT TERMINATION POINTS.
- WHEN INSTALLING ENHANCED CATEGORY-6 UTP CABLE, MAKE SURE THE CABLE IS NEVER BENT BEYOND A 90 DEGREE ANGLE. A CABLE BEND RADIUS OF 4 TIMES THE DIAMETER OF THE CABLE IS RECOMMENDED. (ON A 4-PAIR CABLE, THIS IS APPROXIMATELY ONE INCH.)
- ALL CABLES SHALL BE PULLED BY THE ELECTRICAL CONTRACTOR IN CONTINUOUS SPLICE-FREE RUNS, WITH NO FACTORY OR FIELD SPLICES, UNLESS OTHERWISE SHOWN ON DRAWINGS AND/OR SPECIFICATIONS.
- PULLING AND LAYING CABLE ON SHARP EDGES IS NOT PERMITTED.
- THE CABLE PATHS SHOWN ON DRAWINGS REPRESENT DESIGN INTENT AND APPROXIMATE ROUTING OF CABLES IN HUNG CEILING TO DROP OFF POINTS. ADJUST ACCORDINGLY TO EXISTING FIELD CONDITIONS.
- QUANTITY OF CABLE IS NOT REPRESENTED. CONTRACTOR SHALL TABULATE QUANTITY BASED UPON COMMUNICATION OUTLET SYMBOLS SHOWN (TYPICAL). CONTRACTOR TO VERIFY IN FIELD AND MAKE ADJUSTMENTS AS REQUIRED.
- PROVIDE A MINIMUM OF SIX (6) FEET OF SLACK AT THE STATION END FOR WORKSTATION LOCATIONS. NEATLY COIL AND CONCEAL SLACK ABOVE THE HUNG CEILING AND PROTECT FROM DAMAGE BY WORKMEN PRIOR TO EXTENDING CABLE AND INSTALLING TO VOICE/DATA WORKSTATION OUTLET.
- ALL VOICE/DATA UTP STATION CABLES SHALL BE HOMERUN BACK TO THE MAIN -OR- IOT COMMUNICATIONS ROOM AS ILLUSTRATED ON THE TECHNOLOGY FLOOR PLANS. REFER TO DETAIL PLANS AND ELEVATIONS FOR THE DEMARCATION LOCATIONS OF ALL CABLES.
- ALL ABANDONED/NON USED CABLES TO BE REMOVED FROM PLENUM SPACES AS PER CODE.
- ALL NEW EQUIPMENT TO BE GROUNDED AND BONDED AS PER CODE.

### WIRELESS CONSTRUCTION NOTES:

- PROVIDE AND INSTALL TWO WIRELESS RUNS FROM NEW WIRELESS DROPS TO EXISTING LOCAL WIRE CLOSET. WIRELESS SHALL BE CATEGORY 6 CABLE TO TERMINATE AT BOTH ENDS USING CAT6 RJ45 CONNECTORS AND PATCH PANELS.
- E.C. TO TERMINATE ONE CABLE AT THE WIRELESS LOCATION AND THE SECOND CABLE TO REMAIN UN-TERMINATED.
- ALL CABLES SHALL BE CONCEALED AND SURFACE RACEWAY SHALL BE USED AT ALL EXPOSED AREAS.

### VOICE CONSTRUCTION NOTES:

- PROVIDE AND INSTALL A VOICE RUN FROM NEW PHONE DROPS TO EXISTING LOCAL WIRE CLOSET. VOICE SHALL BE CATEGORY 6 CABLE TO TERMINATE AT BOTH ENDS USING CAT6 RJ45 CONNECTORS AND PATCH PANELS.
- VOICE BACK BONE CABLE TO BE INSTALLED TO A 24 PORT PATCH PANEL. E.C. TO TERMINATE EACH PAIR TO THE BLUE PAIR OF THE PATCH PANEL. LAST PAIR TO REMAIN UN-TERMINATED.
- ALL CABLES SHALL BE CONCEALED AND SURFACE RACEWAY SHALL BE USED AT ALL EXPOSED AREAS.

### DATA CONSTRUCTION NOTES:

- PROVIDE AND INSTALL A DATA RUN FROM NEW DATA DROPS TO EXISTING LOCAL WIRE CLOSET. DATA SHALL BE CATEGORY 6 CABLE TO TERMINATE AT BOTH ENDS USING CAT6 RJ45 CONNECTORS AND PATCH PANELS.
- COORDINATE WITH DISTRICT NETWORK TECHNICIANS FOR THE PORT LOCATION AND IP ADDRESS NEEDED FOR SYSTEM.
- ALL CABLES SHALL BE CONCEALED AND SURFACE RACEWAY SHALL BE USED AT ALL EXPOSED AREAS.

### DRAWING NOTES

- MAINTAIN APPROPRIATE SEPARATION OF LINE VOLTAGE AND LOW VOLTAGE CABLE.
- QUANTITY OF DROPS AS PER FLOOR PLANS.
- 2 DUPLEX RECEPTACLES PER DROP UNLESS SPECIFIED OTHERWISE.
- MAINTAIN 3" ON CENTER PER DROP SETUP.
- CABLES BACKFED OR RACEWAY FED AS REQUIRED.

## 1 TECHNOLOGY DETAILS

SCALE: NTS

REV.	DATE	ITEM

### NOTICE

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### ORIGINAL DOCUMENTS

### KEY PLAN

NO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTMAN RD. BRIARCLIFF MANOR, NY 10510

TECHNOLOGY DETAILS

PROJECT

DWG/STILE

DRWG. BY: EEA  
CHK. BY: AG

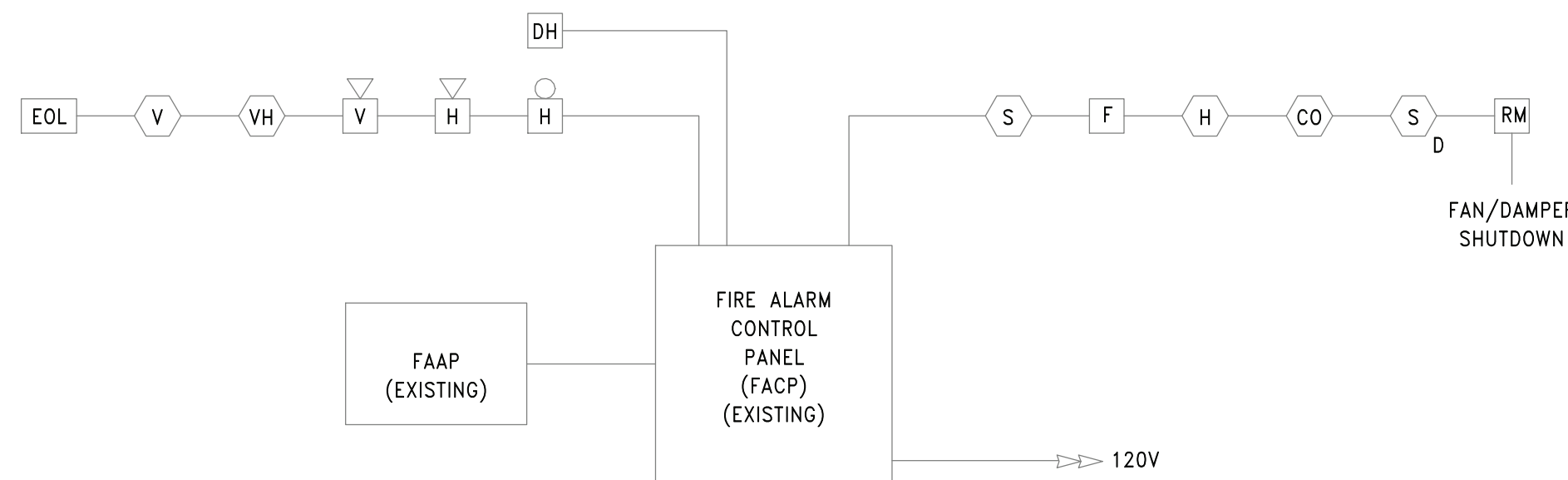
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SER. NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 CAPITAL BOND IMPROVEMENTS  
DWG. TITLE TECHNOLOGY DETAILS  
SCALE: NTS  
DATE: 07/07/22  
BID PAU DATE: 06/29/22  
FILE NO. 21-274C

E10.03 HSMS

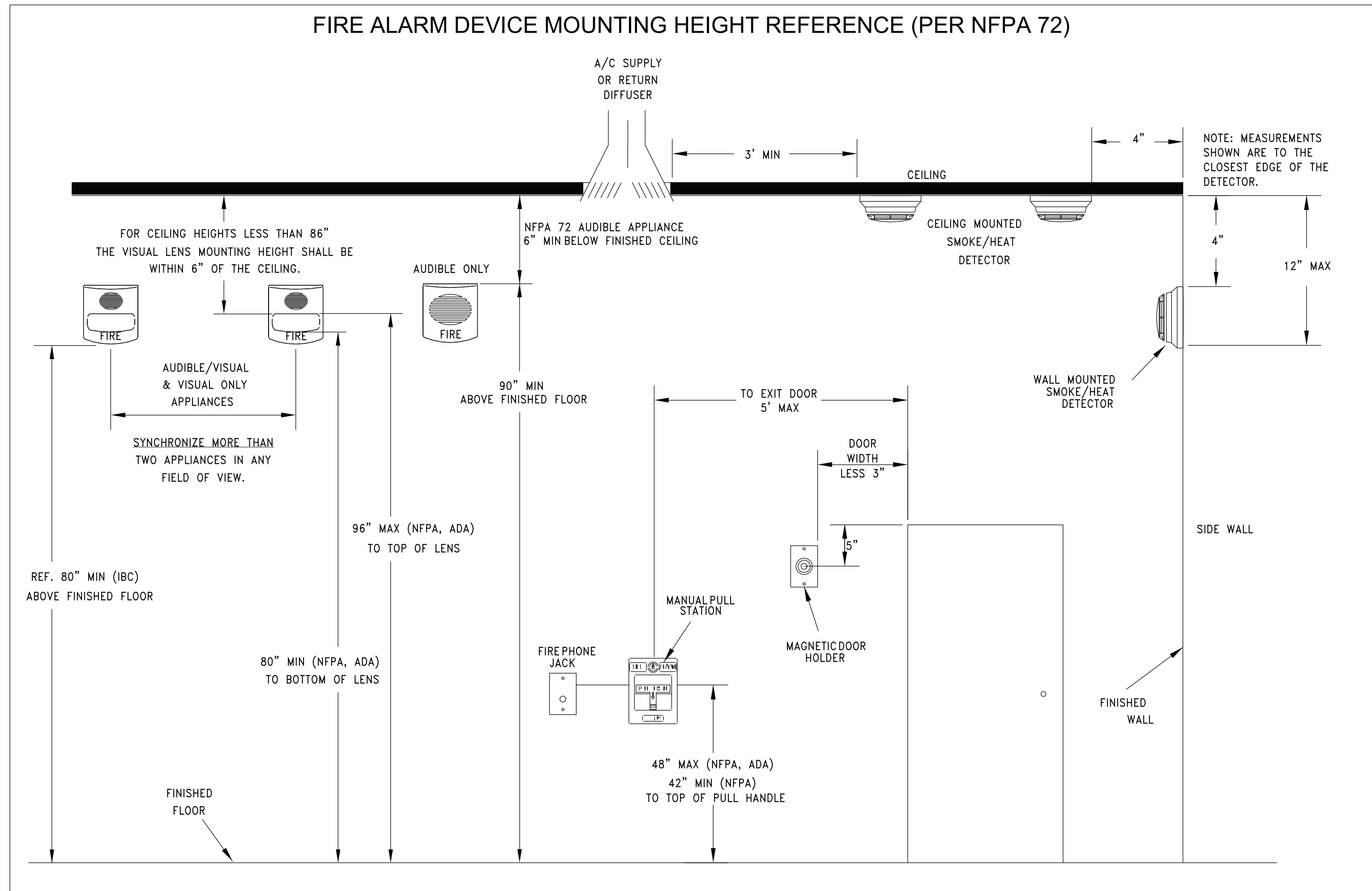




- NOTES:
- SEE SPECIFICATIONS FOR EQUIPMENT, DEVICE AND WIRING STANDARDS.
  - PROVIDE BOOSTERS, POWER EXTENDERS AND END OF LINE RESISTORS AS NEEDED.
  - REMOTE POWER SUPPLIES SHOULD BE ACCESSIBLE AND LOCATED IN ELECTRICAL ROOMS OR CLOSETS.
  - CABLE AND WIRING MUST BE RUN IN ACCORDANCE WITH CONTRACT DOCUMENTS, SYSTEM MANUFACTURER'S INSTRUCTIONS, NEC, NFPA AND LOCAL CODES.
  - DO NOT RUN AC POWER IN SAME RACEWAY, CONDUIT OR CABLE TRAY AS FIRE ALARM WIRINGS.
  - LABEL ALL TERMINATIONS IN CABINETS OR BOXES WITHIN 12" OF ENTRY.

2 FIRE ALARM RISER

SCALE: NTS



1 FIRE ALARM HEIGHT

SCALE: NTS

REV.	DATE	ITEM

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ORIGINAL DOCUMENTS

KEY PLAN

NO SCALE

BRIARCLIFF MANOR U.F.S.D.  
PHASE 2 BOND IMPROVEMENTS  
BRIARCLIFF MANOR MIDDLE / HIGH SCHOOL  
444 PLEASANTVILLE RD. BRIARCLIFF MANOR, NY 10510

ELECTRICAL DETAILS

PROJECT

DWG TITLE

DRWG. BY: EEA  
CHK. BY: AG

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SER. NO. 66-14-02-02-0-004-023  
DISTRICT BRIARCLIFF MANOR U.F.S.D.  
PROJECT PHASE 2 CAPITAL BOND IMPROVEMENTS  
DWG. TITLE ELECTRICAL DETAILS

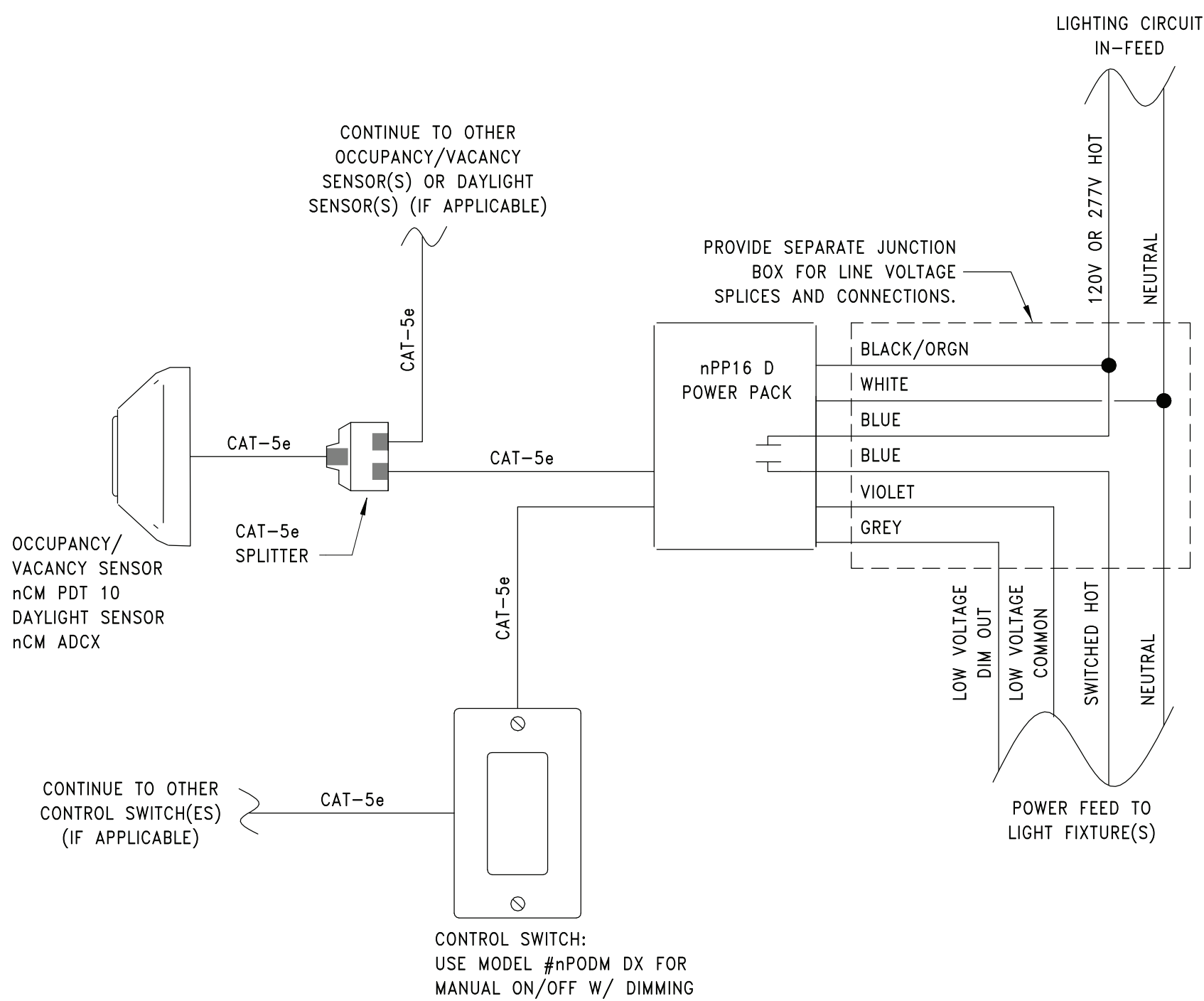
SCALE: NTS  
DATE: 07/07/22  
BID PAU DATE: 06/29/22  
FILE NO. 21-274C

E10.04 HSMS



## LIGHTING CONTROLS DETAIL

SCALE: 12" = 1'-0"

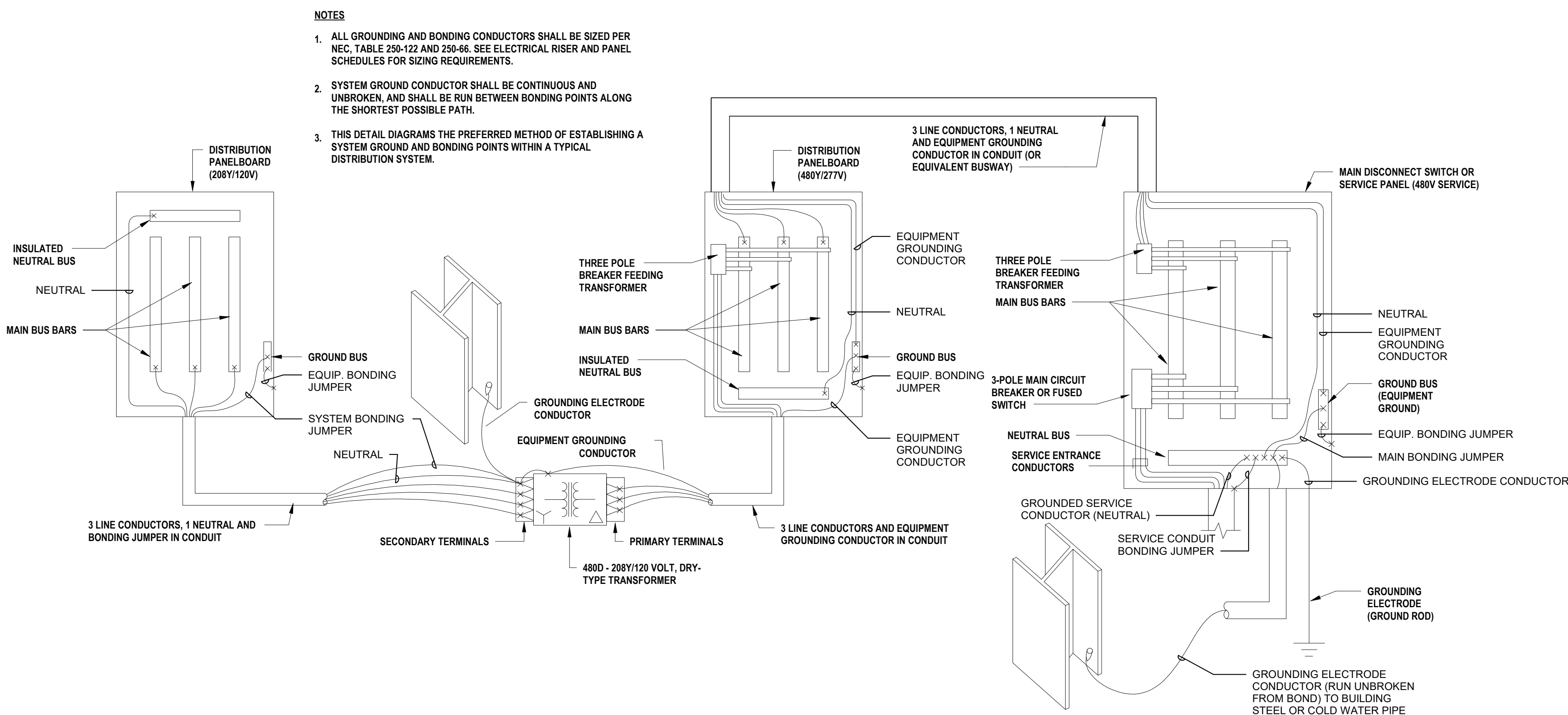


## NOTES:

- ALL LIGHTING CONTROL DEVICES SHOWN SHALL MANUFACTURED BY ACUTY WHICH IS THE BASIS OF DESIGN.
- ONE POWER PACK REQUIRED PER CONTROL ZONE. TYPICAL CONTROL ZONES ARE OCCUPANCY/VACANCY OR DAYLIGHT SENSING.

## TYPICAL SYSTEM GROUND &amp; BONDING DETAIL

SCALE: N.T.S.

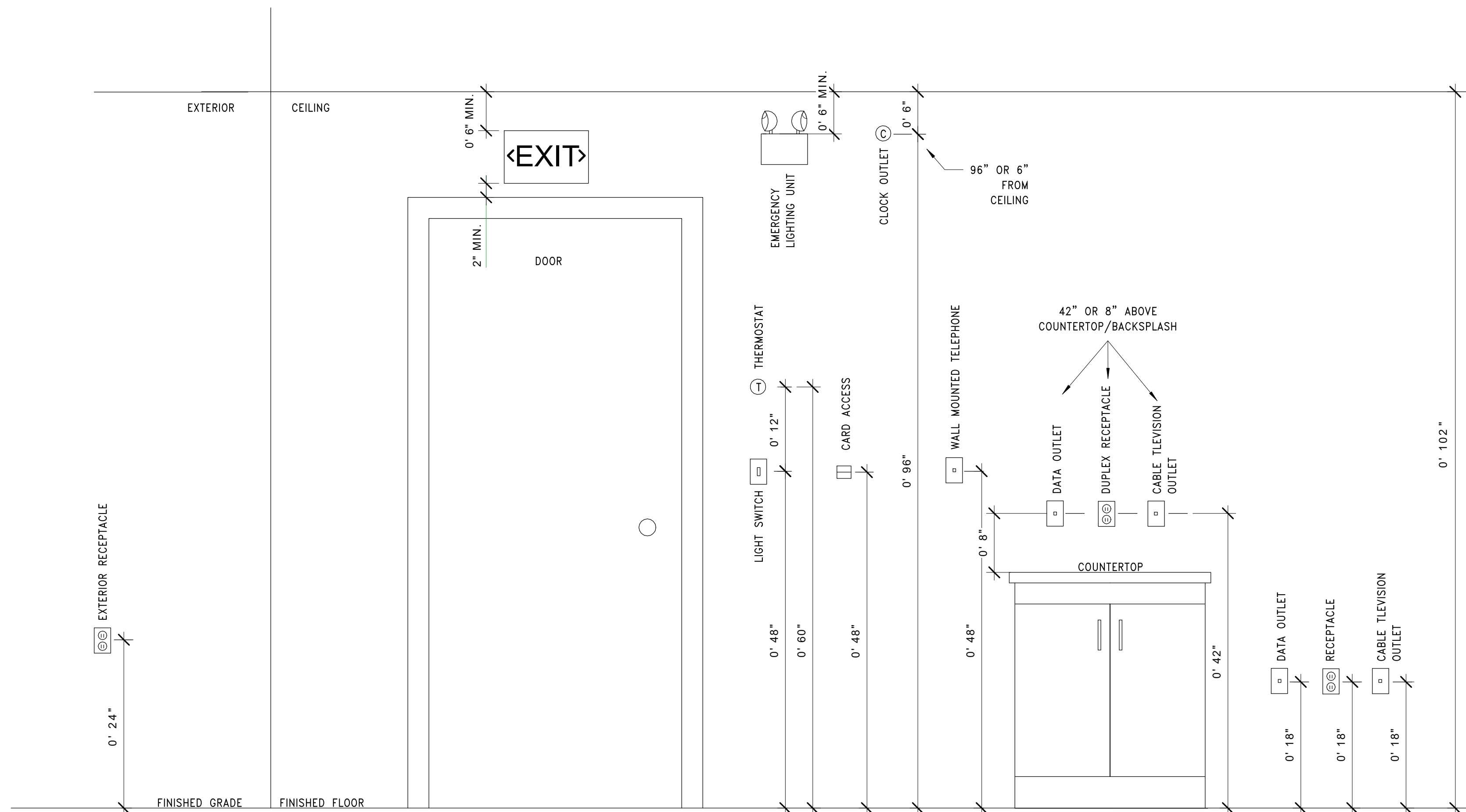


## NOTES

- ALL GROUNDING AND BONDING CONDUCTORS SHALL BE SIZED PER NEC, TABLE 250-122 AND 250-66. SEE ELECTRICAL RISER AND PANEL SCHEDULES FOR SIZING REQUIREMENTS.
- SYSTEM GROUND CONDUCTOR SHALL BE CONTINUOUS AND UNBROKEN, AND SHALL BE RUN BETWEEN BONDING POINTS ALONG THE SHORTEST POSSIBLE PATH.
- THIS DETAIL DIAGRAMS THE PREFERRED METHOD OF ESTABLISHING A SYSTEM GROUND AND BONDING POINTS WITHIN A TYPICAL DISTRIBUTION SYSTEM.

## TYPICAL MOUNTING HEIGHT DETAIL

SCALE: N.T.S.



## MOUNTING ELEVATIONS NOTES:

- MOUNTING HEIGHTS NOTED ARE STANDARD, IF SPECIFIC MOUNTING HEIGHTS ARE NOT NOTED ON THE PLANS OR IN THE SPECIFICATIONS.

REV.	DATE	ITEM

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SED NO. 66-14-02-02-0-004-023

DISTRICT BRIARCLIFF MANOR  
U.F.S.D.

PROJECT PHASE 2 CAPITAL BOND  
IMPROVEMENTS

DWG TITLE ELECTRICAL DETAILS

SCALE: 12" = 1'-0"

DATE: 07/07/22

BID PAU DATE: 06/29/22

FILE NO. 21-274C

E10.05

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