

ADDENDUM NO. 02

PROJECT: South Orangetown Central School District
PHASE 2: 2022 BOND

CPL PROJECT NO. 14457.20

DATE: November 6, 2024

Include this Addendum as part of the Contract Documents. It supplements portions of the original specifications and drawings, the extent of which shall remain, except as revised herein:

CLARIFICATIONS

- 1.1 All RFI's received prior to **11/01/24** have been responded to and are attached to this Addendum.
- 1.2 On all drawing sheets in the H300 series change the fin tube cover note gauge from 20 to 18. "FIN TUBE PIPING TO BE ROUTED ABOVE THE CEILING. PROVIDE **18** GAUGE GALVANIZED STEEL ENCLOSURE PAINTED TO MATCH THE WALL AROUND THE PIPING UP TO CEILING."

CHANGES TO THE SPECIFICATIONS

- 2.1 Specification 230923 section 2.10.E.4 replace "Air Monitor Corp" with "Ebtron".
- 2.2 Specification 237416:
 - 2.02.A.1 - Change "unit controls" to "Supervisory Refrigeration controls."
 - 2.02.E.4 - Change "backdraft dampers" to "motorized dampers."
 - 2.02.f.1.a - Change refrigerant to R454.
 - 2.02.G.1 - Change refrigerant to R454.
 - 2.02.H.1.b - Change refrigerant to R454.
 - 2.20.L - Change to Aluminum Wheel.

CHANGES TO THE DRAWINGS

- 3.1 Drawing A203: Replace with attached revised A203.
- 3.2 Drawing A700: Replace with attached revised A700.
- 3.3 Drawing A701: Replace with attached revised A700.
- 3.4 Drawing A801: Replace with attached revised A801.
- 3.5 Drawing I000: Replace with attached revised I000.



- 3.6 Drawing I201: Replace with attached revised I201
- 3.7 Drawing I202: Replace with attached revised I202
- 3.8 Drawing I203: Replace with attached revised I203
- 3.9 Drawing H100: Replace with attached revised H100
- 3.10 Drawing H301: Replace with attached revised H301
- 3.11 Drawing H302: Replace with attached revised H302
- 3.12 Drawing H303: Replace with attached revised H303
- 3.13 Drawing H304: Replace with attached revised H304
- 3.14 Drawing H305: Replace with attached revised H305
- 3.15 Drawing H701: Replace with attached revised H701
- 3.16 Drawing P201: Replace with attached revised P201

END OF ADDENDUM NO. 02



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REQUEST FOR INFORMATION

RFI #: 01

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Anticipated Construction Schedule

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: Could you please inform us of the Anticipated Construction Schedule?

PLEASE REFER TO BID ADDENDUM #1, ISSUED 11/01/24

L.FASCIGLIONE 11/06/24

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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REQUEST FOR INFORMATION

RFI #: 02

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Verification of Notes on Teaching Wall for Sheets I203 and I202

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: On sheet I203, rooms #421, #419, etc.—please confirm that there are no notes #2, #3, #4, or #5 on the teaching wall. The same applies to sheet I202 for rooms #317, #309, etc.

TEACHING WALL BOARD SCOPE IS AS SHOWN ON THE BID DOCUMENTS
AND ADDENDA.
L.FASCIGLIONE 11/06/24

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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REQUEST FOR INFORMATION

RFI #: 03

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Accessibility of Openings in Detail 1/A800 – Interior vs. Exterior Access

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: Regarding detail 1/A800, are the openings accessible from ground/grade level outside, or is it feasible to complete all work from the interior?

**WORK SHOULD BE COMPLETED FROM THE INTERIOR, AS
EXISTING GRILLES ARE TO REMAIN, PER DETAIL 1/A800.
L.FASCIGLIONE 11/06/24**

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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REQUEST FOR INFORMATION

RFI #: 04

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Dimensions and Length Confirmation for Openings in Detail 1/A800

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: For detail 1/A800, could you confirm the height of the opening and whether it extends the full length of the openings labeled '3' on floor plans A202, A203, and A204?

OPENINGS VARY - PLEASE ACCOUNT FOR 5 SF PER OPENING

L.FASCIGLIONE 11/06/24

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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REQUEST FOR INFORMATION

RFI #: 05

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Requirements for Modified Ceilings in Room #312 – New Grid and Tile?

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: For ceilings labeled as "modified," such as Room #312 on sheet A602, will these
require a new grid and tile?

— PLEASE REFER TO CEILING SYMBOL LEGEND FOR THE FOLLOWING LANGUAGE:
— "MODIFIED ACT CEILING SYSTEM BY GC. PROVIDE NEW GRID & REINSTALL
— SALVAGED CEILING TILES"
— L.FASCIGLIONE 11/06/24

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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REQUEST FOR INFORMATION

RFI #: 06

Date: 10/29/2024

SOCSD PHASE 2: 2022 BOND: 14457.20

Contractor Name: UniMak, LLC

To: Lisa Fasciglione Firm: CPL

From: Ivo Dostinoski

WE REQUEST YOUR ATTENTION (OR CONFIRMATION) REGARDING THE FOLLOWING:

Subject: Ceiling Tile Specification - Alternative to Armstrong #1820

Location: Tappan Zee High School, 15 Dutch Hill Road, Orangeburg, NY 10962

Information is Requested By: UniMak, LLC

MESSAGE: Sheet I000 specifies an Armstrong #1820 rated ceiling tile, but the grid system is not rated. Could we use an Armstrong #1717 or an equivalent non-rated tile with the same size and thickness?

RESPONSE (ALS, 11/6):

PER BUILDING CODE, A MINIMUM CLASS B RATING IS REQUIRED FOR FINISHES WITHIN AN E (EDUCATIONAL) OCCUPANCY.

GIVEN THIS, THE CEILING SYSTEM OUTLINED ON THE BID DOCS IS TO REMAIN AS THE BASIS OF DESIGN.

ADDITIONALLY, PER OUR PRODUCT REP, THE ENTIRE SYSTEM WHICH INCLUDES THE GRID SYSTEMS IS CATEGORIZED AS CLASS A.

THE SCHOOL DISTRICT HAS ALSO MADE THIS CEILING SYSTEM THEIR STANDARD THROUGHOUT ALL DISTRICT BUILDINGS AND WOULD LIKE TO CONTINUE WITH THE STANDARD THROUGHOUT NEW PROJECT WORK AS WELL.

Contractors Name: UniMak, LLC

By: Ivo Dostinoski

Date: 10/29/2024

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FLOOR PLAN GENERAL NOTES

- ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION AT NO COST TO THE OWNER.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL AND CEILING LOCATIONS.
- COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.
- REFER TO I DRAWINGS FOR INTERIOR FINISHES

FLOOR PLAN LEGEND

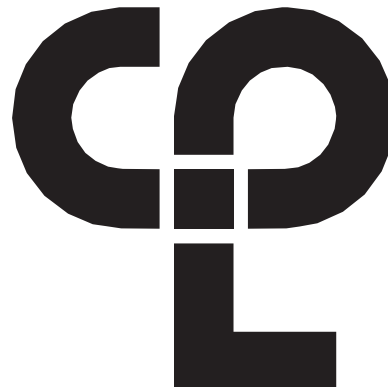
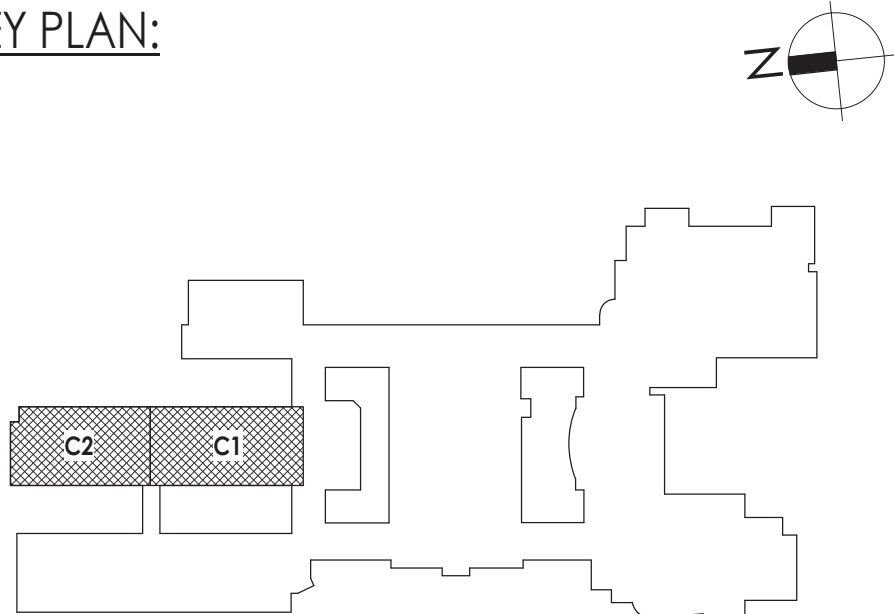
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT USED IN THIS PROJECT.

	DOOR	DOOR TARGET, SEE SCHEDULE		WINDOW TARGET, SEE SCHEDULE
	COLUMN LINE IDENTIFICATION		ROOM NAME	ROOM TAG
	SECTION MARK		ROOM NAME	ROOM TAG
	INTERIOR ELEVATION MARK		ROOM NAME	ROOM TAG
	EXTERIOR ELEVATION MARK		ROOM NAME	ROOM TAG
	DENOTES FINISH FLOOR GRADE ELEVATION			

FLOOR PLAN KEY NOTES

- PATCH PLASTER WALL AS REQ'D AT DEMOLISHED WALLS & CASEWORK
- INFILL WALL OPENING WITH 8" CMU AND PLASTER BOTH SIDES TO MATCH EXISTING. PATCH WALL BASE TO MATCH EXISTING.
- INFILL EXTERIOR MASONRY WALL AT DEMOLISHED UV LOCATIONS. REFER TO DETAIL 1/A800
- REPLACE WINDOW PANEL W/ GLAZING AT EXISTING AC REMOVAL. REFER TO A900
- NEW CASEWORK. REFER TO INTERIOR ELEVATIONS AND A800 SERIES FOR DETAILS.
- PATCH PLASTER WALL AT REMOVALS
- PATCH PLASTER WALL AT DEMOLISHED LIGHT FIXTURE
- PATCH PLASTER WALL AS REQ'D AT DEMOLISHED TRACK
- SMARTBOARD TO BE FURNISHED & INSTALLED BY OWNER. REFER TO T DRAWINGS FOR DATA CONNECTION LOCATIONS.
- LAMINATE GYPSUM WALL BOARD AS SPECIFIED. GYP TO EXTEND 6" MIN. ABOVE FINISHED CEILING.

KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
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CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



Capital Improvements Bond

Essential Infrastructure for Student Health, Safety and Success

PROJECT INFORMATION

Project Number

R22.14457.20

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address

15 DUTCH HILL ROAD, ORANGEBURG, NY 10962

SED # 50-03-01-04-0-004-033

Registration Expiration Dates

Lauren Toppa 08/30/24

Anthony Marchetti 05/31/27

Clayton Hart 02/28/25

Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

Issue

2

11/06/2024

BID ADDENDUM #2

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATUTE

IF A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNDER ACTING UNDER THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS SUCH IN ANY WAY, IF ANY, BEING THE SIGN OF ANY ARCHITECT, ENGINEER OR LAND SURVEYOR, THE SIGNING PART SHALL BE THE SIGN OF THE ARCHITECT, ENGINEER OR LAND SURVEYOR, AND A SPECIFIC DESCRIPTION OF THE VIOLATION.

SHEET INFORMATION

Issued

10/25/2024

Project Status

BID DOCUMENTS

Drawn By

CJD

Drawing Title

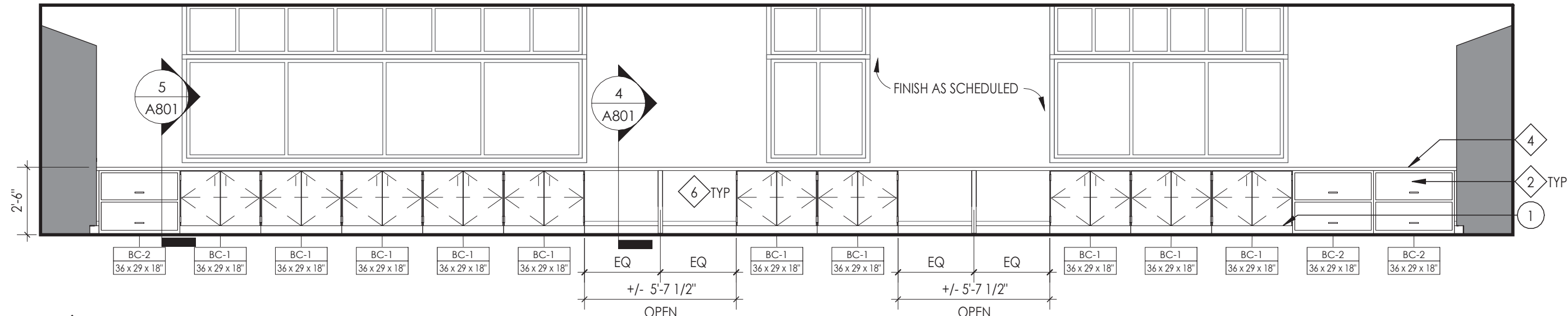
AREA C NEW WORK PLAN

Drawing Number

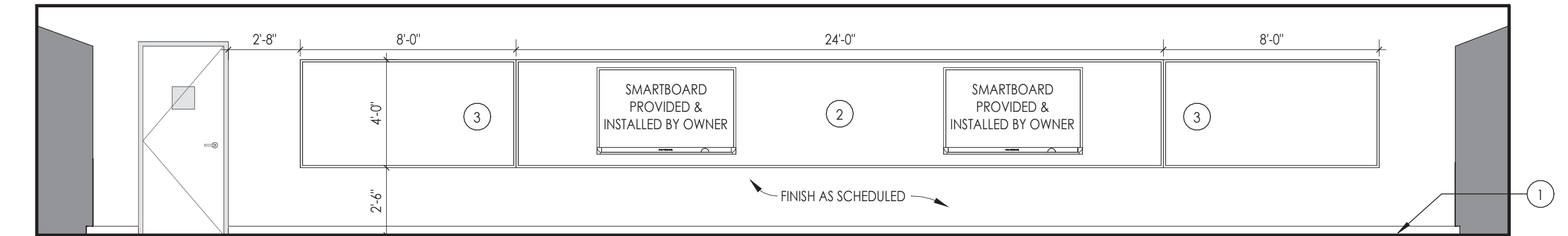
TZHS

A203

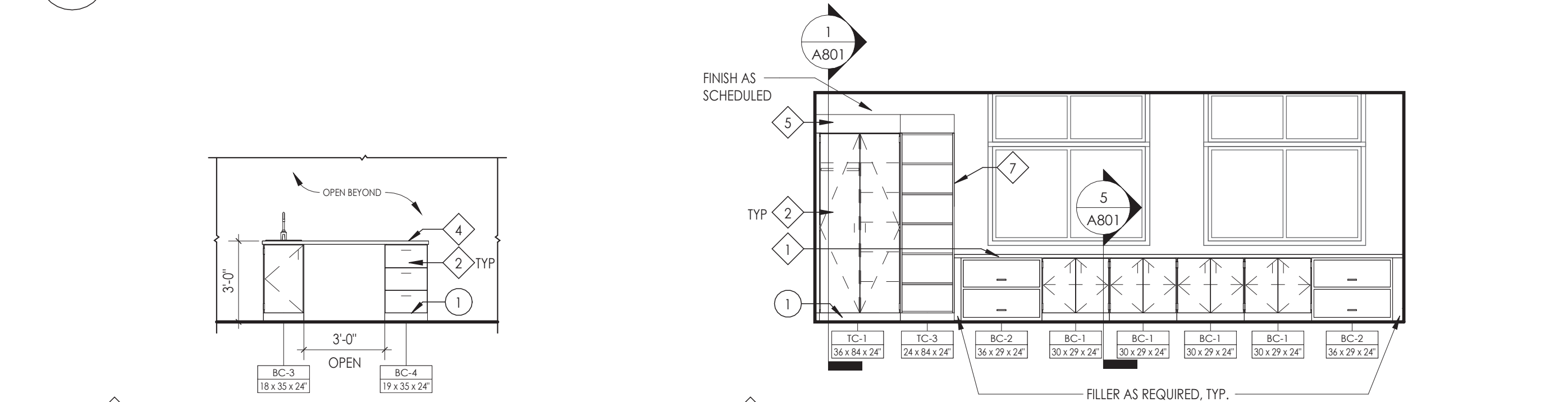
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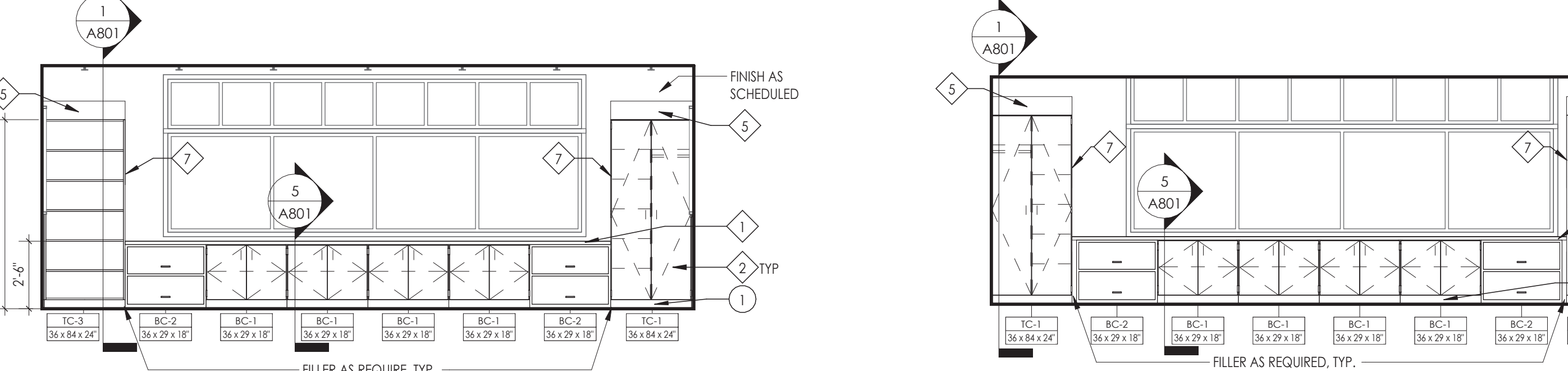
14 SCIENCE CLASSROOM 316 - ELEVATION D
A700 1/4" = 1'-0"



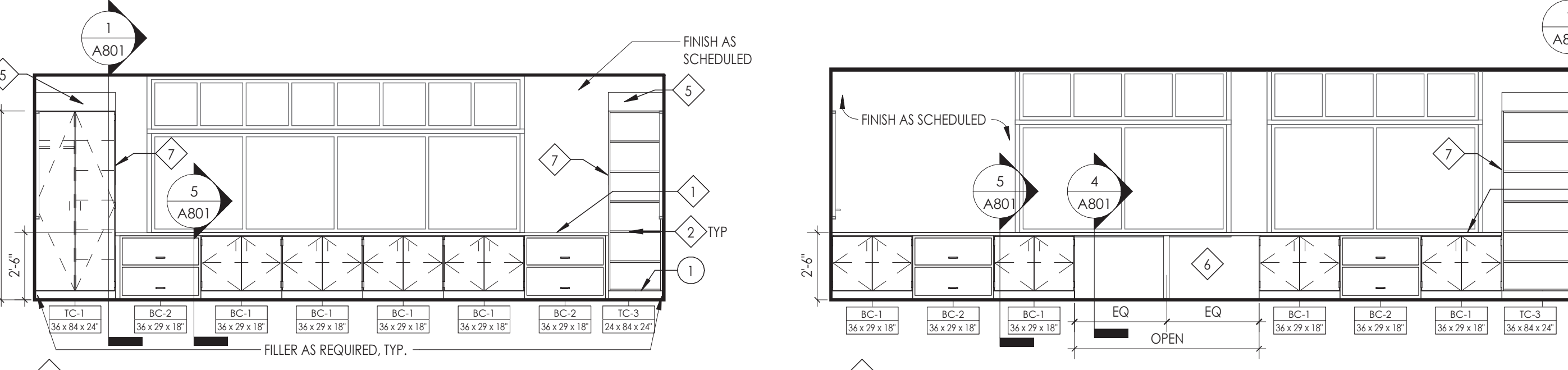
12 SCIENCE CLASSROOM 316 - ELEVATION B
A700 1/4" = 1'-0"



13 SCIENCE CLASSROOM 316 - ELEVATION A
A700 1/4" = 1'-0"



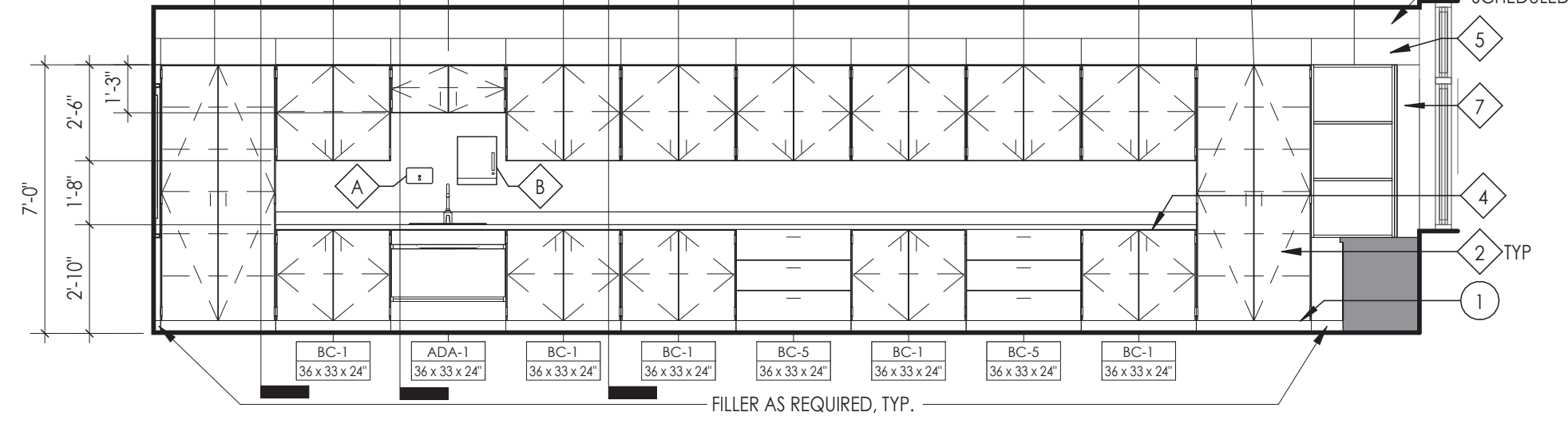
11 SCIENCE CLASSROOM 316 - ELEVATION C
A700 1/4" = 1'-0"



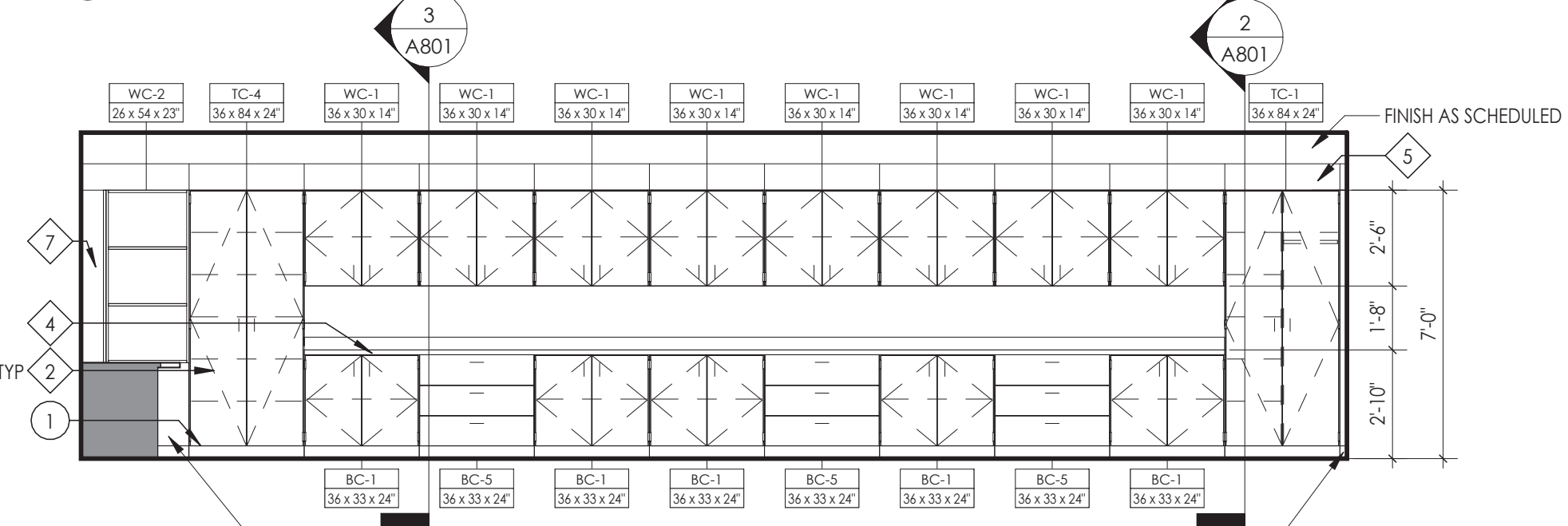
10 SCIENCE CLASSROOM 316 - ELEVATION E
A700 1/4" = 1'-0"



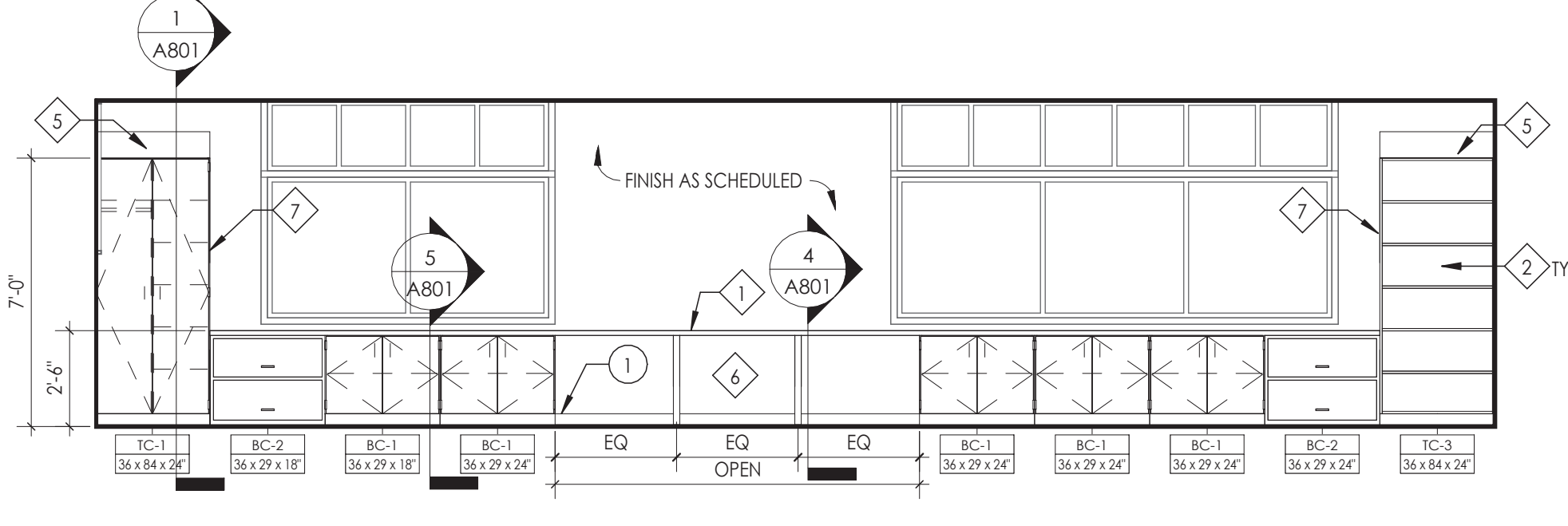
9 SCIENCE CLASSROOM 316 - ELEVATION F
A700 1/4" = 1'-0"



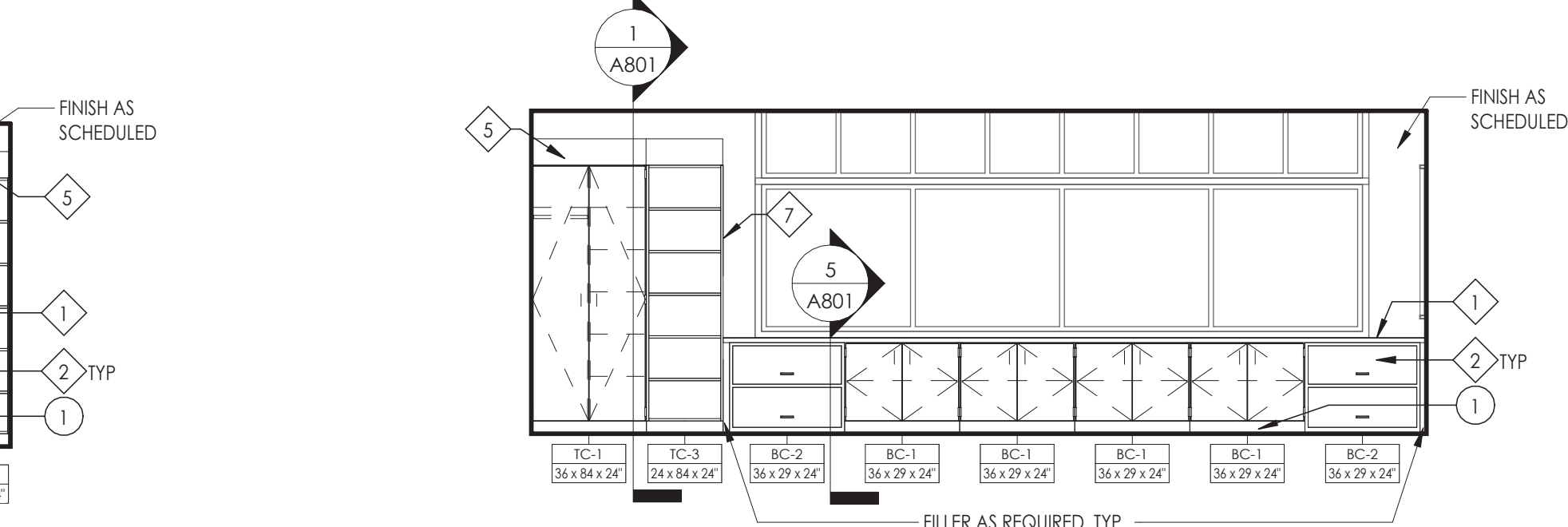
10 DEMONSTRATION TABLE ELEVATION
A700 1/4" = 1'-0"



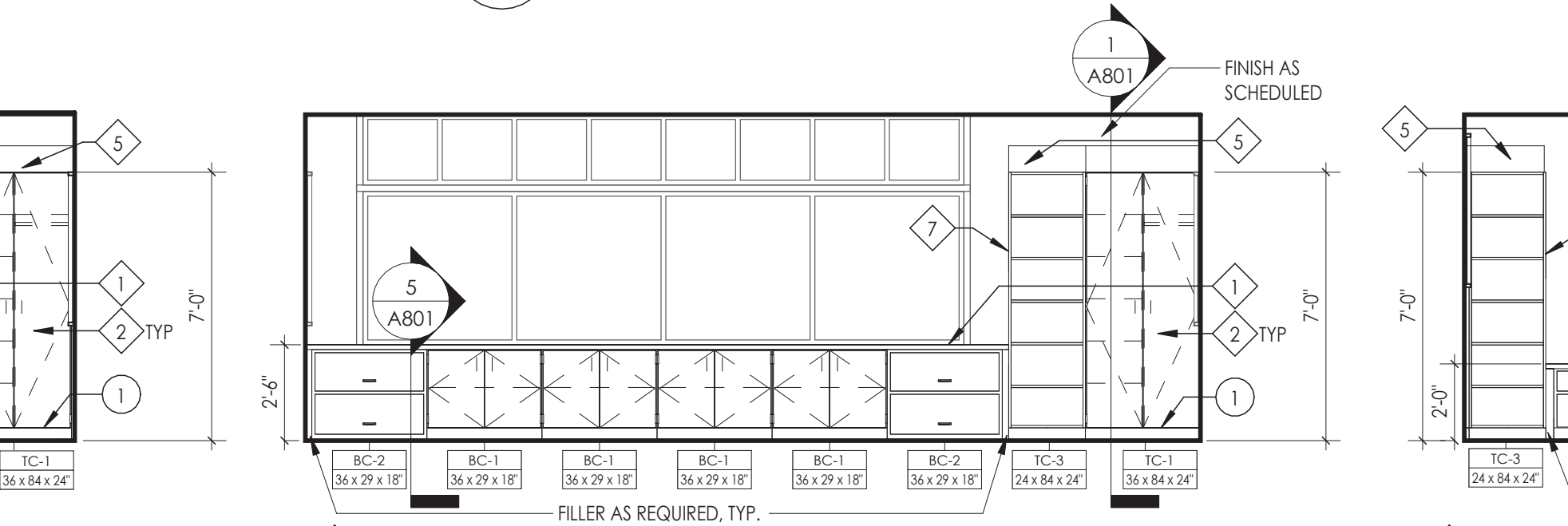
9 CASEWORK ELEVATION AT ROOM 315
A700 1/4" = 1'-0"



8 CASEWORK ELEVATION AT ROOM 319 AND 418
A700 1/4" = 1'-0"



7 CASEWORK ELEVATION AT ROOM 412
A700 1/4" = 1'-0"



6 TYPICAL CLASSROOM INTERIOR ELEVATION - TYPE F
A700 1/4" = 1'-0"



5 TYPICAL CLASSROOM INTERIOR ELEVATION - TYPE D
A700 1/4" = 1'-0"

4 TYPICAL CLASSROOM INTERIOR ELEVATION - TYPE C
A700 1/4" = 1'-0"

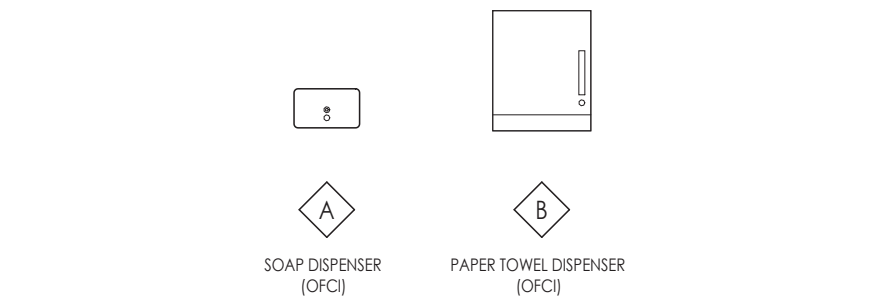
3 TYPICAL CLASSROOM INTERIOR ELEVATION - TYPE B
A700 1/4" = 1'-0"

2 TYPICAL CLASSROOM INTERIOR ELEVATION - TYPE A
A700 1/4" = 1'-0"

GENERAL INTERIOR ELEVATIONS NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES.
4. REFER TO FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
5. REFER TO **A200 SERIES** DRAWINGS FOR ADDITIONAL SPECIALTIES.
6. REFER TO **A600 SERIES** DRAWINGS FOR CEILING HEIGHTS.
7. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
8. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
9. PROVIDE SUPPORT BRACKETS AT WORK SURFACES. 48" MAX BETWEEN BRACKETS UNLESS NOTED OTHERWISE.
10. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT.
11. ALL MILLWORK TO BE LOCKABLE UNLESS NOTED OTHERWISE.
12. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
13. REFER TO FINISH SCHEDULE AND **A700 SERIES** DRAWINGS FOR MILLWORK FINISHES.
14. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR THE COORDINATION OF M.E.P. INFRASTRUCTURE TO OPERATE ITEMS UNDER THIS SCOPE.
15. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS AND LOCATIONS OF MEP CONNECTION LOCATIONS.
16. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.

INTERIOR ELEVATION ACCESSORIES



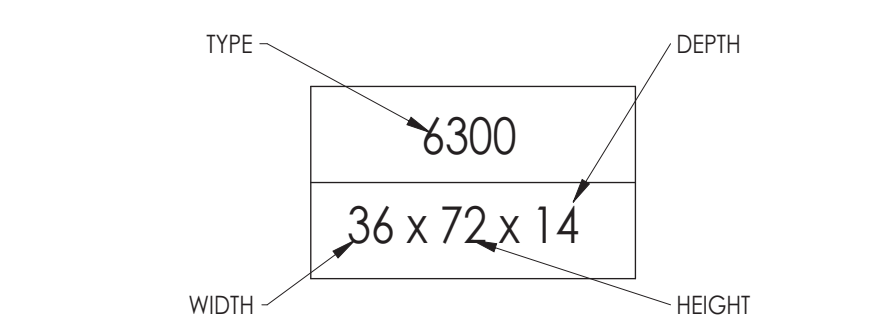
INTERIOR ELEVATION KEYNOTES

- "*INTERIOR ELEVATION KEYNOTES PERTAIN TO GC*"
1. PROVIDE WALL BASE AS SCHEDULED, RE: I-SERIES AND DETAILS FOR ADDITIONAL INFORMATION.
 2. PROVIDE VINYL WRITABLE/MAGNETIC SURFACE, WS-1, RE: I-SERIES FOR ADDITIONAL DETAILS.
 3. PROVIDE TACKABLE SURFACE, TS-1, RE: I-SERIES FOR ADDITIONAL DETAILS.

CASEWORK KEYNOTES

- "*CASEWORK KEYNOTES PERTAIN TO CASEWORK CONTRACTOR*"
1. PROVIDE HPL COUNTERTOP (HPL-2).
 2. PROVIDE HPL CASEWORK, FILLERS & END PANELS AS REQUIRED (HPL-1).
 3. PROVIDE SSM WALL CAP, SSM-1.
 4. PROVIDE SSM COUNTERTOP, SSM-1.
 5. PROVIDE 30° SLOPED TOP, TYPICAL.
 6. PROVIDE HPL FO-BACK PANEL AND SUPPORTS (HPL-1). MAX SUPPORT SPACING TO BE DETERMINED BY CASEWORK CONTRACTOR.
 7. HPL CASEWORK FILLER AT SIDE OF SCHEDULED CASEWORK TO FILL GAP DUE TO MECHANICAL EQUIPMENT NEEDS.

CASEWORK LEGEND



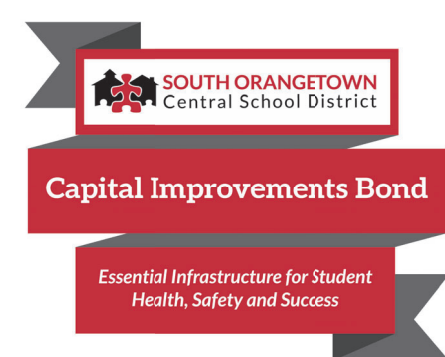
NOTE: ALL CASEWORK NUMBERS DENOTE COMPLETE CABINET SYSTEMS AND HARDWARE. ALL CABINETS TO RECEIVE LOCKS AND TO BE KEYPAD AS DETERMINED BY OWNER & ARCHITECT. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTE: CASEWORK BY OWNER (PROVIDE AND INSTALL), SHOWN FOR REFERENCE ONLY. ALL TRADES TO COORDINATE WITH CASEWORK INSTALLER AS REQUIRED.



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NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

Building Address
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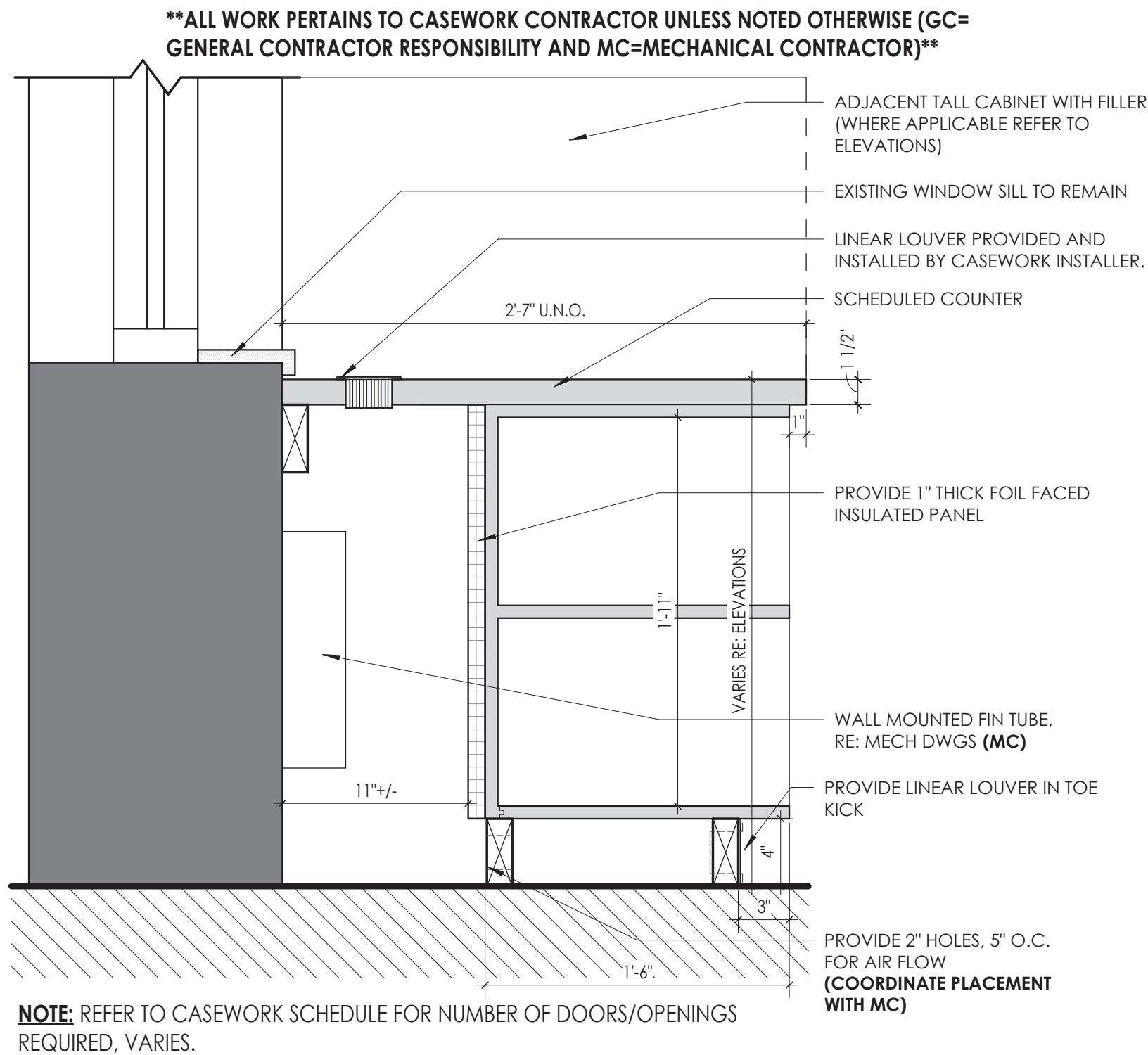
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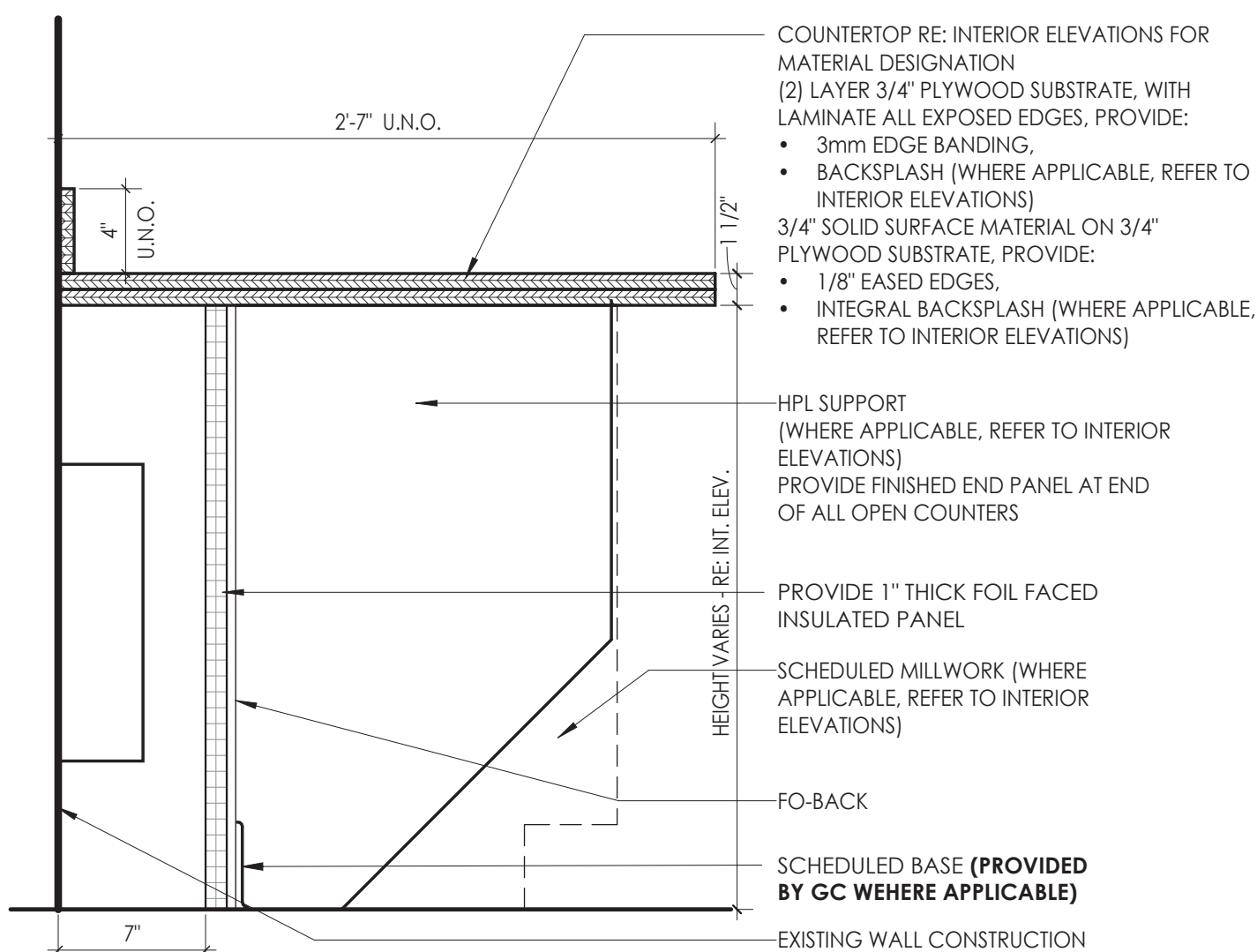
Building Address
15 DUTCH HILL ROAD, ORANGEBURG, NY 10962

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15 DUTCH HILL ROAD, ORANGEBURG, NY 10962

CASEWORK SCHEDULE					
TYPE MARK	DESCRIPTION	DIMENSIONS	PRODUCT #	NOTES	
ADA SINK APRON (ADA)					
ADA-1	ADA COMPLIANT SINK APRON	36" W X 34"H X 24"D	TMI #B2545		
BASE CABINET (BC)					
BC-1	2 DOORS, 1 ADJUSTABLE SHELF	VARIES; REF. A700 SERIES	TMI # B2052		
BC-2	2 EQUAL LATERAL FILE DRAWERS	VARIES; REF. A700 SERIES	TMI # D2804		
BC-3	1 DOOR SINK CABINET	18"W x 36"H x 24"D	TMI # B2500		DEMONSTRATION TABLE
BC-4	1 FILE DRAWER/2 EQUAL DRAWERS	19"W x 36"H x 24"D	TMI# 3862		DEMONSTRATION TABLE
BC-5	3 EQUAL DRAWERS	VARIES; REF. A700 SERIES	TMI # D3001		
BC-6	1 DOOR, 1 ADJUSTABLE SHELF	VARIES; REF. A700 SERIES	TMI # B2050, TMI # B2051		REFER TO ELEVATIONS FOR LEFT OR RIGHT HINGE PLACEMENT
CUSTOM (C)					
C-1	2 DOORS, 1 ADJUSTABLE SHELF	VARIES; REF. A700 SERIES	TMI #B2052		REFERENCE TMI PRODUCT FOR DESIGN INTENT: CABINET TO BE CUSTOM 24" HIGH.
C-2	2 EQUAL DRAWERS	VARIES; REF. A700 SERIES	TMI #D2001		REFERENCE TMI PRODUCT FOR DESIGN INTENT: CABINET TO BE CUSTOM 24" HIGH.
METAL CABINET (MC)					
MC-1	OPEN SHELVING, 1 ADJUSTABLE SHELF	36"W x 29"H x 16"D	TRANE # SHL-B-B-1-03		
TALL CABINET (TC)					
TC-1	2 DOOR WARDROBE	VARIES; REF. A700 SERIES	TMI # T2586, TMI #2590		REFER TO ELEVATIONS FOR LEFT OR RIGHT WARDROBE PLACEMENT
TC-2	1 DOOR WARDROBE	VARIES; REF. A700 SERIES	TMI # T2570, # T2571		REFER TO ELEVATIONS FOR LEFT OR RIGHT HINGE PLACEMENT
TC-3	ADJUSTABLE OPEN SHELVING	VARIES; REF. A700 SERIES	TMI # T1100		
TC-4	2 DOORS, 1 FIXED SHELF, 4 ADJUSTABLE SHELF	VARIES; REF. A700 SERIES	TMI # T2102		
WALL CABINET (WC)					
WC-1	2 DOORS, 1 ADJUSTABLE SHELF	VARIES; REF. A700 SERIES	TMI # W2052		
WC-2	OPEN SHELVING, 2 ADJUSTABLE SHELVES	VARIES; REF. A700 SERIES	TMI # H1050		

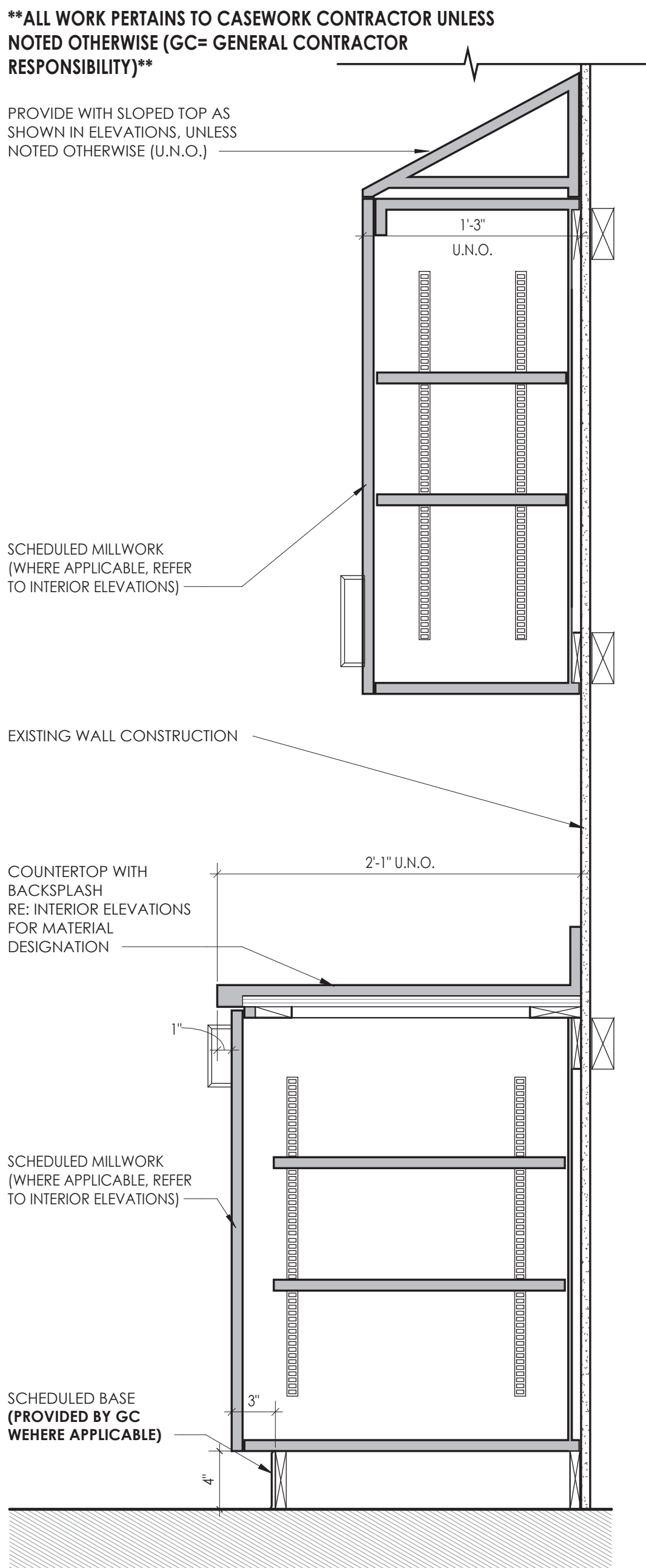


5 BASE CABINET W/ FIN TUBE VENTILATION
1 1/2" = 1'-0"



****ALL WORK PERTAINS TO CASEWORK CONTRACTOR UNLESS NOTED OTHERWISE (GC= GENERAL CONTRACTOR RESPONSIBILITY)****

4 TYPICAL LAMINATE WORKSURFACE SECTION
1 1/2" = 1'-0"



3 TYPICAL BASE AND UPPER CABINETS @SCIENCE
1 1/2" = 1'-0"

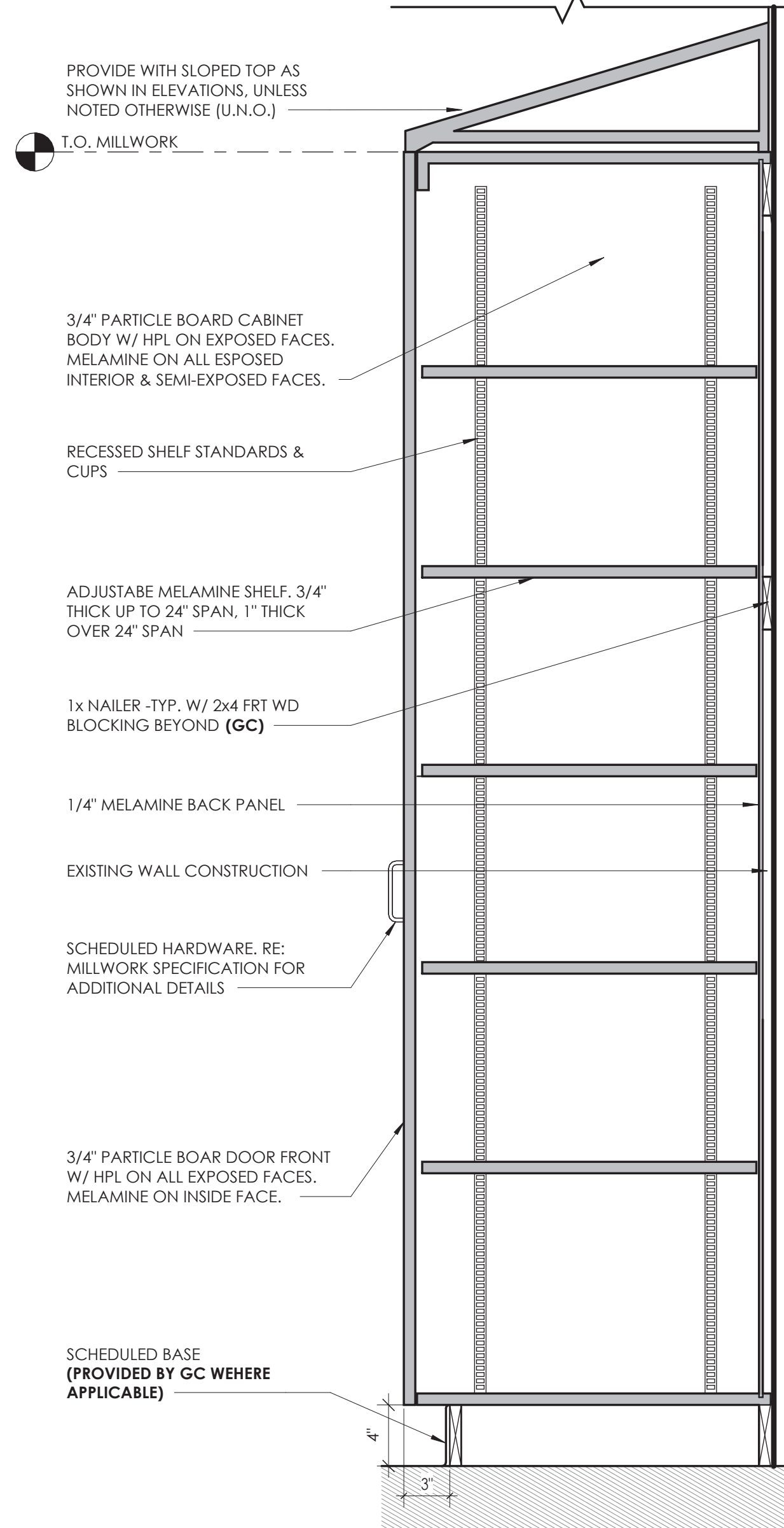
CASEWORK GENERAL NOTES:

*NOTE:

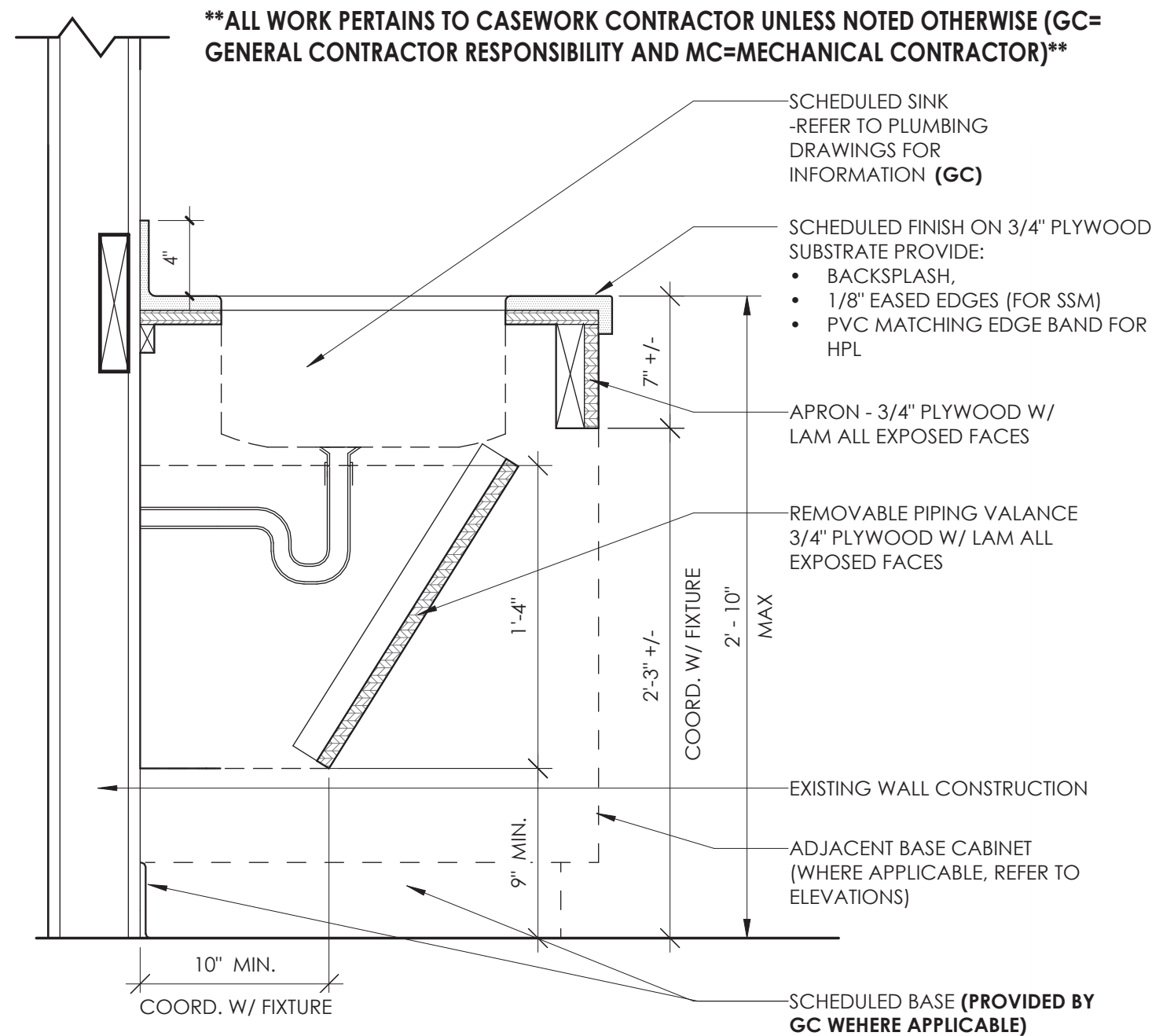
1. ALL CASEWORK WITH DOORS/ DRAWERS TO RECEIVE LOCKS PER OWNER REQUEST. OWNER IS RESPONSIBLE FOR KEYING.

NOTE: CASEWORK BY OWNER (PROVIDE AND INSTALL), SHOWN FOR REFERENCE ONLY. ALL TRADES TO COORDINATE WITH CASEWORK CONTRACTOR AS REQUIRED.

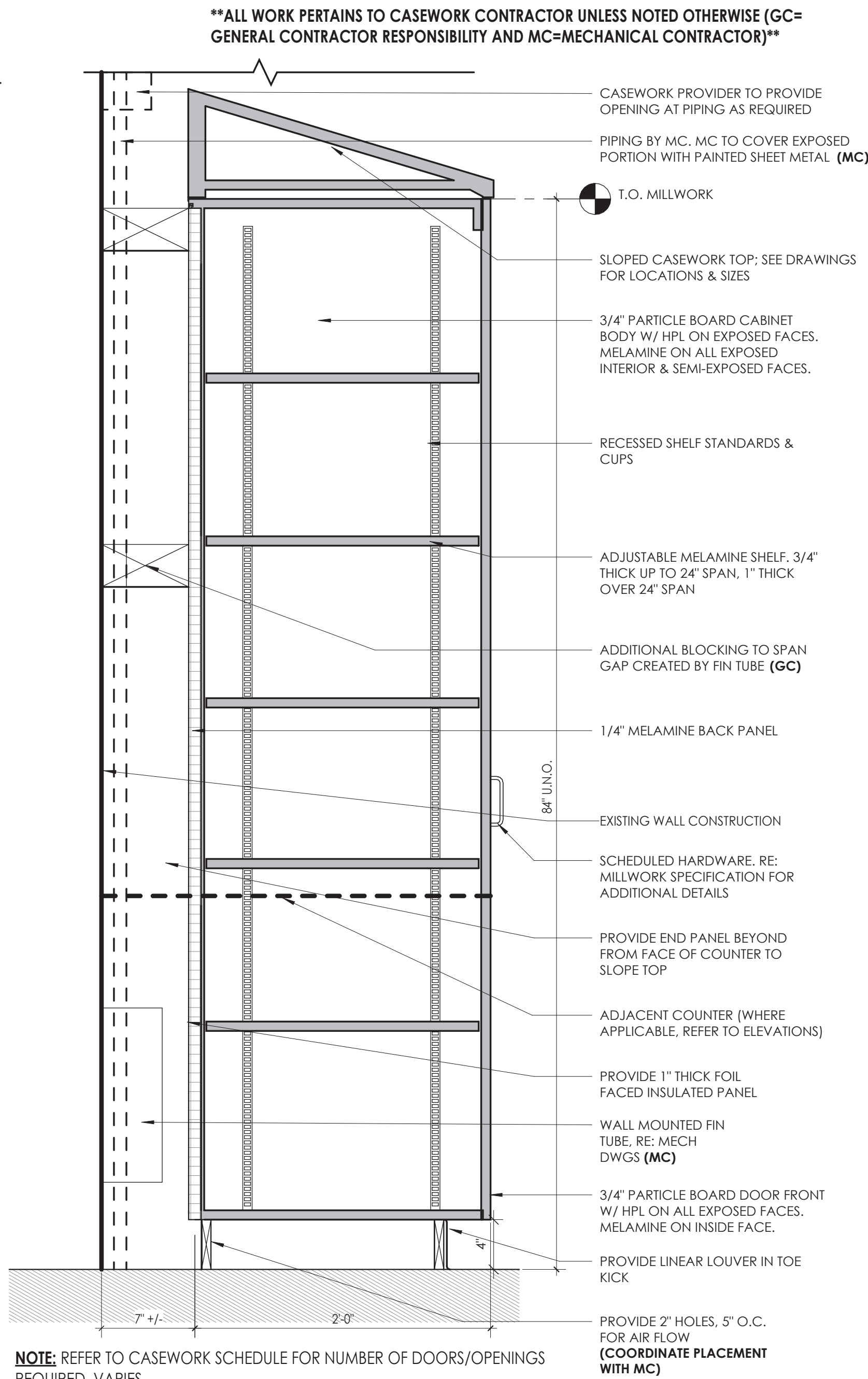
****ALL WORK PERTAINS TO CASEWORK CONTRACTOR UNLESS NOTED OTHERWISE (GC= GENERAL CONTRACTOR RESPONSIBILITY)****



2 TYPICAL TALL CABINET @ SCIENCE
1 1/2" = 1'-0"



6 ADA SINK
1 1/2" = 1'-0"

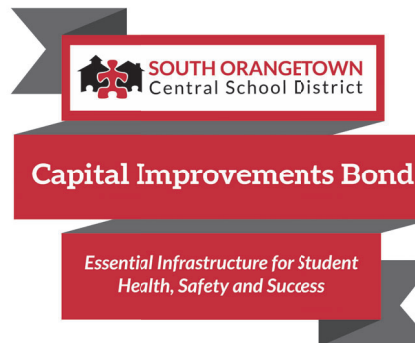


1 TALL CABINET W/ FIN TUBE VENTILATION
1 1/2" = 1'-0"



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26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number

R22.14457.20

Client Name

**SOUTH ORANGETOWN
SCHOOL DISTRICT**

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
15 DUTCH HILL ROAD, ORANGEBURG, NY
10962

SED # 50-03-01-04-0-004-033

Registration Expiration Dates

Lauren Tingo 09/30/24

Anthony Marchetti 05/31/27

Doree West 02/28/25

Jennifer Wengender 04/30/27

PROJECT ISSUE & REVISION SCHEDULE

#

Date

Description

2 11/06/2024 BID ADDENDUM #2

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATUTES

FOR A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPENSATION
REGULATIONS FOR ANY PERSON, DESIGNATED UNDER THE PROVISIONS OF A CHARTER
ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALIAS ANOTHER IN ANY WAY, IF ANYBODY
RENDERING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR, AS REQUIRED, THE ALIASING
PARTY SHALL BE Liable TO THE NEW YORK STATE AND THE AGENCY AFFECTED BY FOLLOWING BY
THEIR SIGNATURE AND THE DATE OF SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE
ALIASING.

SHEET INFORMATION

Issued

10/25/2024

Project Status

BID DOCUMENTS

Drawn By

CPL

Drawing Title

MISC. DETAILS

Scale

As indicated

Checked By

CPL

Misc. Details

Drawing Number

TZHS

A801

11/15/2024 5:03:11 PM c:\project\location>\REVIT PROJECT FILES ON BIM 360

INTERIOR FINISH SCHEDULE						
FINISH CODE	MANUFACTURER	PATTERN/STYLE	COLOR	SIZE	SPECIFICATIONS	NOTES
ACOUSTICAL CEILING TILE (ACT)						
ACT-1	ARMSTRONG OR EQUAL	SCHOOL ZONE FINE FISSURED 1820	WHITE	24" X 24" X 3/4"	CLASS A FIRE PERFORMANCE; NRC .70; CAC 35; 85% LIGHT REFLECTANCE; BIOBLOCK, MILDEW & MOLD RESISTANT; WITH 15/16" PRELUDE XL SUSPENSION SYSTEM; WHITE	TYPICAL 2'X2' ACT
HIGH PRESSURE PLASTIC LAMINATE (HPL)						
HPL-1	WILSONART OR EQUAL	AEON SCRATCH RESISTANT	PHANTOM CHARCOAL 8214K-28	N/A	GLOSS LINE FINISH; CLASS B; VERTICAL SURFACE LAMINATE 335; GRAIN TO RUN VERTICALLY. FLAME SPREAD <= 45; STAIN RESISTANT; IMPACT RESISTANT; SURFACE WEAR RESISTANT; RADIANT HEAT RESISTANT. PROVIDE WITH 3mm EDGE BANDING; MATCHING LAMINATE PATTERN.	VERTICAL; CASEWORK
HPL-2	WILSONART OR EQUAL	HORIZONTAL GRADE 350	WHITE NEBULA 4621-60	N/A	MATTE FINISH; CLASS B; POSTFORMING HORIZONTAL SURFACE LAMINATE 350. FLAME SPREAD <= 60; STAIN RESISTANT; IMPACT RESISTANT; SURFACE WEAR RESISTANT; RADIANT HEAT RESISTANT. PROVIDE WITH 3mm EDGE BANDING; MATCHING LAMINATE PATTERN.	HORIZONTAL; COUNTERTOPS
PAINT (PT)						
PT-1	SHERWIN WILLIAMS OR EQUAL	REFER TO SPECIFICATIONS	ALPACA SW-7022	N/A	REFER TO SPECIFICATIONS	FIELD, U.N.O.
PT-2	SHERWIN WILLIAMS OR EQUAL	REFER TO SPECIFICATIONS	CAVIAR SW-6990	N/A	REFER TO SPECIFICATIONS	ACCENT COLOR; PAINT BOTH SIDES OF HM DOOR
PT-3	SHERWIN WILLIAMS OR EQUAL	REFER TO SPECIFICATIONS	CEILING BRIGHT WHITE SW-7007	N/A	REFER TO SPECIFICATIONS	GYP CEILING; U.N.O.
PT-4	SHERWIN WILLIAMS OR EQUAL	REFER TO SPECIFICATIONS	STOP SW-6869	N/A	REFER TO SPECIFICATIONS	ACCENT COLOR
RESILIENT BASE (RB)						
RB-1	TARKETT OR EQUAL	TRADITIONAL WALL BASE 1/8"	BEDROCK TA6	4" HIGH	CLASS B <450 SMOKE DENSITY; CLASS 1 RADIANT PANEL; PROVIDE IN 120' ROLLS	TYPICAL WALL BASE; U.N.O.
SOLID SURFACE MATERIAL (SSM-1)						
SSM-1	CORAIN	SOLID SURFACE MATERIAL	EVEREST	N/A	CLASS A; FLAME SPREAD INDEX <25, SMOKE DEVELOPMENT INDEX <25	SCIENCE LAB COUNTERTOPS
TACKABLE SURFACE (TAS)						
TAS-1	KOROSEAL OR EQUAL	WALL TALKERS TAC-WALL	QUARRY 92	48" HIGH; LENGTH AS INDICATED ON DRAWINGS	CLASS B; BURLAP BACKING; SELF-HEALING LINOLEUM RESILIENT HOMOGENEOUS TACKABLE MATERIAL; COLOR EXTENDS FULL THICKNESS OF MATERIAL; PROVIDE IN 95 FOOT ROLLS; PROVIDE CLEAR, ANODIZED TRIM AT ALL EDGES.	TACKABLE SURFACE
TRANSITION (TS)						
TS-1	SCHLUTER SYSTEMS OR EQUAL	VINPRO-U	ANODIZED ALUMINUM	AS REQUIRED TO MEET MATERIAL THICKNESS	SEE TRANSITION TYPE DETAILS; SLOPE MUST COMPLY WITH ADA REQUIREMENTS. REFER TO SPECIFICATIONS	ETR TERRAZZO TO VCT/RT
VINYL COMPOSITION TILE (VCT)						
VCT-1	ARMSTRONG FLOORING OR EQUAL	STANDARD EXCELON IMPERIAL TEXTURE	SILK 59234	12" X 12" X 1/8"	CLASS 2 THROUGH PATTERN; TYPE II; CLASS 1 RADIANT PANEL; 2000 PSI; FAST START FACTORY FINISH; 5-YEAR LIMITED COMMERCIAL WARRANTY. QUARTER TURN INSTALLATION.	BASE BID - FIELD; U.N.O.
VCT-2	ARMSTRONG FLOORING OR EQUAL	STANDARD EXCELON IMPERIAL TEXTURE	FIELD GRAY 51927	12" X 12" X 1/8"	CLASS 2 THROUGH PATTERN; TYPE II; CLASS 1 RADIANT PANEL; 2000 PSI; FAST START FACTORY FINISH; 5-YEAR LIMITED COMMERCIAL WARRANTY. QUARTER TURN INSTALLATION.	BASE BID - ACCENT COLOR
VCT-3	ARMSTRONG FLOORING OR EQUAL	STANDARD EXCELON IMPERIAL TEXTURE	RUBY RED 57534	12" X 12" X 1/8"	CLASS 2 THROUGH PATTERN; TYPE II; CLASS 1 RADIANT PANEL; 2000 PSI; FAST START FACTORY FINISH; 5-YEAR LIMITED COMMERCIAL WARRANTY. QUARTER TURN INSTALLATION.	BASE BID - ACCENT COLOR
WRITEABLE SURFACE (WS)						
WS-1	KOROSEAL OR EQUAL	WALL TALKERS MAG-RITE 59	NATURAL WHITE M259-00	45". LENGTH AS REQUIRED PER DRAWINGS. REFER TO ELEVATIONS & FINISH SCHEDULE FOR DETAIL	CLASS A; TYPE II; WOVEN BACKING; MODERATE GLOSS FINISH; STRAIGHT MATCH PATTERN	TYPICAL WRITEABLE SURFACE OVER ETR CHALKBOARDS

GENERAL FINISH MATERIAL NOTE:
CONTRACTOR TO ENSURE THAT ALL MATERIALS ARE ORDERED MIN. 12 WEEKS PRIOR TO INSTALLATION DATE TO ACCOUNT FOR MATERIAL BACKORDERS. ADDITIONAL TIME MAY BE REQUIRED FOR SPECIALTY ITEMS; GC TO WORK WITH PRODUCT REP OR MANUFACTURER TO DETERMINE ADDITIONAL LEAD TIME. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL MATERIALS ARE IN STOCK AND AVAILABLE TO SHIP WITHIN THE CONSTRUCTION WINDOW.
CONTRACT IS TO INFORM CPL AS SOON AS POSSIBLE WITH ANY LEAD TIME OR AVAILABILITY ISSUES.


FINISH ABBREVIATIONS

NOTE: THIS LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT			
ACT	ACOUSTICAL CEILING TILE	SCON	SEALED CONCRETE
AWP	ACOUSTICAL WALL PANEL	SSM	SOLID SURFACE MATERIAL
CPT	CARPET	TAS	TACKABLE SURFACE
ETR	EXISTING TO REMAIN	TR	TRIM
EXP	EXPOSED	TS	TRANSITION STRIP
HPL	HIGH PRESSURE PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
INT	INTEGRAL	WC	WALL COVERING
PT	PAINT	WD	WOOD
PTM	PATCH TO MATCH	WOM	WALK OFF MAT
RB	RESILIENT BASE	WS	WRITEABLE SURFACE
RT	RUBBER TILE	WT	WINDOW TREATMENT



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CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



**SOUTH ORANGETOWN
Central School District**

Capital Improvements Bond

*Essential Infrastructure for Student
Health, Safety and Success*

PROJECT INFORMATION

Project Number
R22.14457.20
Client Name
**SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT**
Project Name
PHASE 2: 2022 BOND

Building Address
15 DUTCH HILL ROAD, ORANGEBURG, NY
10962

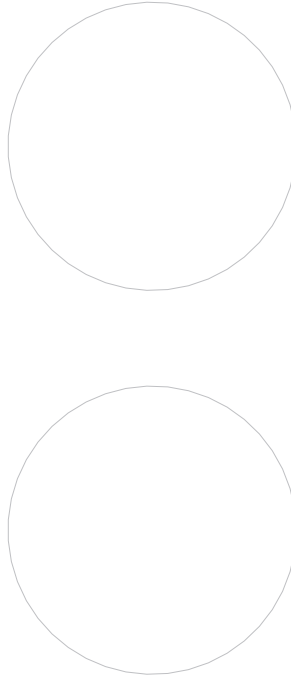
SED # 90-03-01-04-0-004-033

Registration	Expiration	Date
Lauren Tondo	09/30/26	
Anthony Marchetti	05/31/27	
Dawn Hoyt	02/28/25	
Jennifer Wengender	04/30/27	

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	11/06/2024	BID ADDENDUM #2

PROFESSIONAL STAMPS



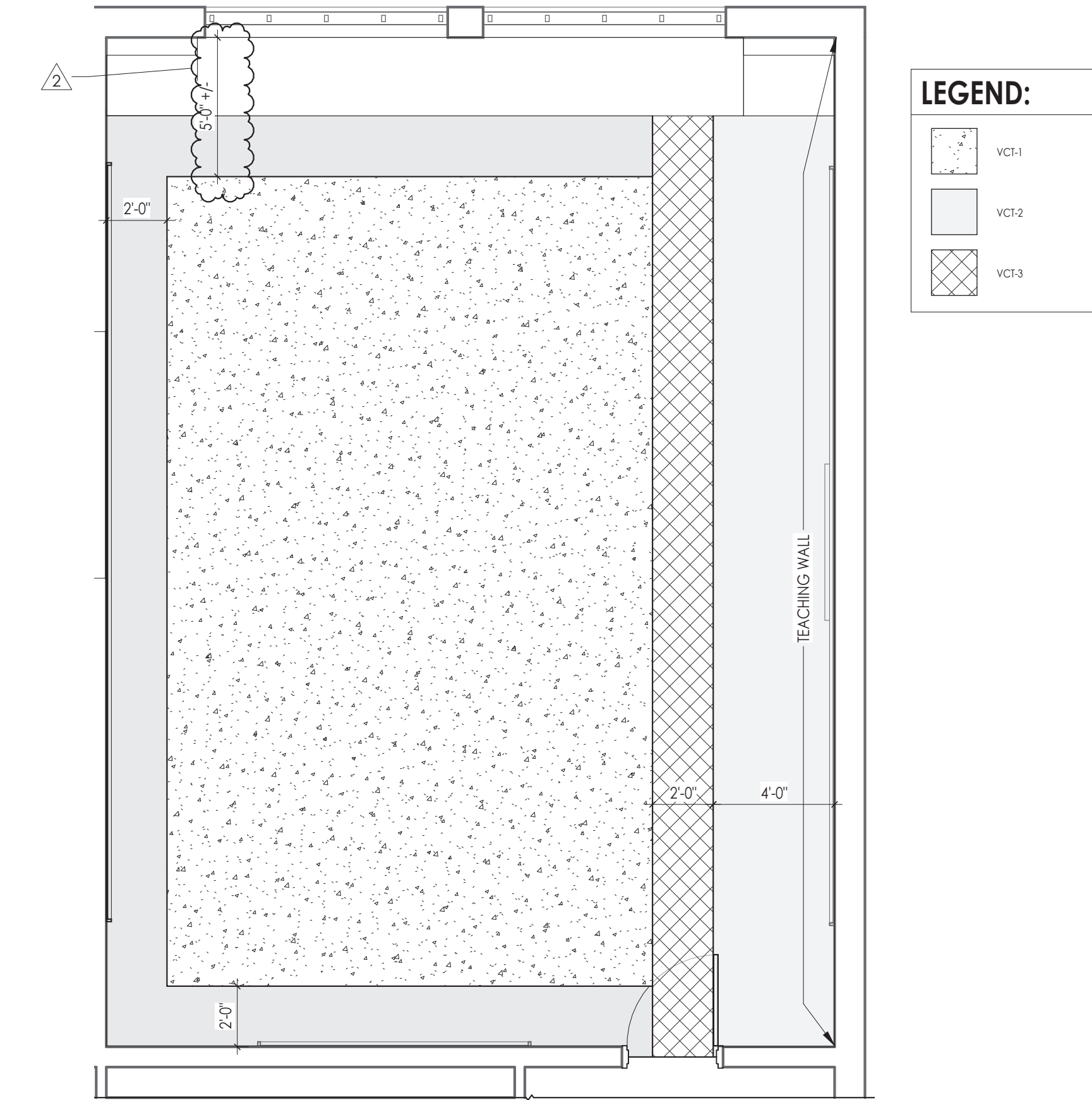
NEW YORK STATE EDUCATION STATUTES
FOR A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS
REGS AND FOR ANY PERSON WHOSE ACTION UNDER THE PROVISIONS OF A CHARTERED
ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER ANYTHING IN ANY WAY, IF ANYBODY
BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS REQUIRED, THE ALTERING
PARTY SHALL AFFIX TO THE NEW YORK SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY
THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
ALTERATION.

SHEET INFORMATION

Issued
10/25/2024
Project Status
BID DOCUMENTS
Drawn By
AD
Checked By
AS
Drawing Title
INTERIORS GENERAL

Drawing Number

GEN
1000

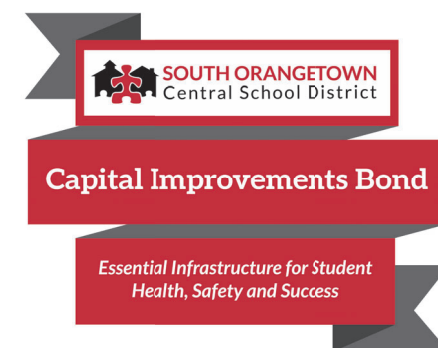


****FLOOR PATTERN ORIENTATION TO COORDINATE WITH TEACHING WALL, REFER TO I200
SERIES FOR TEACHING WALL LOCATIONS****

1
1000
TYPICAL CLASSROOM FLOOR PATTERN PLAN
1/4" = 1'-0"



NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name

**SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT**

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
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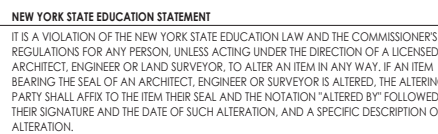
SED # 50-03-01-06-0-006-03

Registration Expiration Dates	
Lauren Tasio	09/30/21
Anthony Marchetti	05/31/21
Dave Hart	02/28/21
Jennifer Wengender	06/30/21

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	11/06/2024	BID ADDENDUM #2

PROFESSIONAL STAMPS



SHEET INFORMATION

Issued	Scale
10/25/2024	As indicated

Project Status

BID DOCUMENTS

Drawn By

AD

AREA 5

AREA B FINISH FLOOR PLAN

Drawing Number

TZHS
I201

FINISH PLAN GENERAL NOTES

1. ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES IN PROJECT SCOPE SHALL BE PAINTED (**PT-1**) ON BOTH SIDES, UNLESS NOTED OTHERWISE.
2. ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
3. REFER TO A600 SERIES DRAWINGS FOR CEILING TYPES AND SOFFIT FINISHES.
4. UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT, SEE **A600 SERIES** FOR PAINT ACCENT SPECIFICATIONS.
5. PAINT GWB CEILINGS (**PT-3**), UNLESS NOTED OTHERWISE.
6. REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
7. HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE.
8. WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
9. ALL DOOR FINISHES SHALL BE PAINTED AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE. INSTALL TRANSITION STRIPS PER DETAILS ON **1000**.
10. PROVIDE CONCRETE FLOOR PREPARATION IN ACCORDANCE WITH FLOORING MANUFACTURER SPECIFICATION.

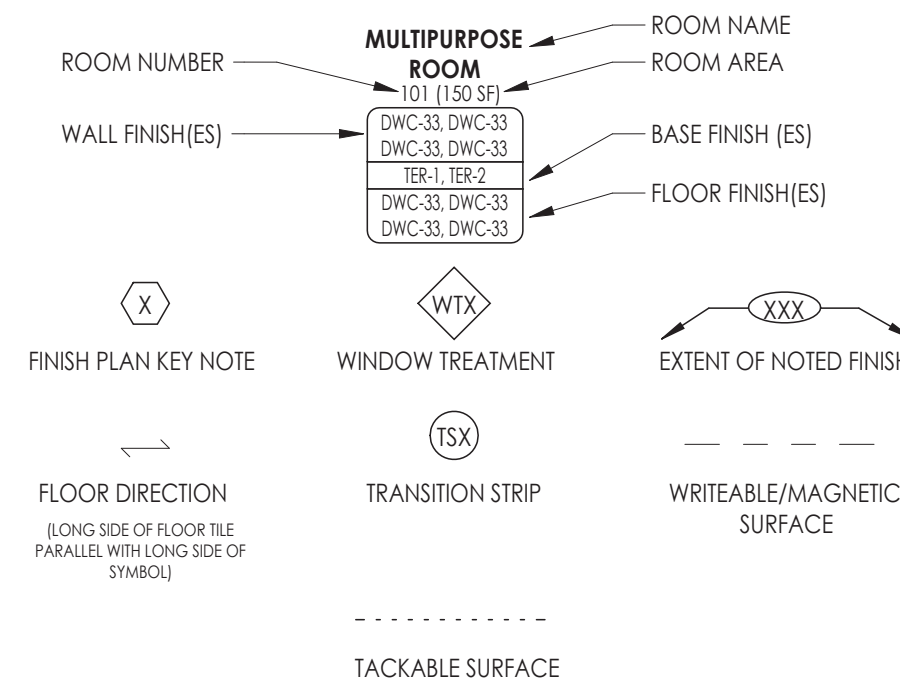
FINISH ABBREVIATIONS

NOTE: THIS LEGEND MAY CONTAIN ABBREVIATIONS THAT ARE NOT IN THIS PROJECT

ACT	ACOUSTICAL CEILING TILE	SCON	SEALED CONCRETE
AWP	ACOUSTICAL WALL PANEL	SSM	SOLID SURFACE MATERIAL
CPT	CARPET	TAS	TACKABLE SURFACE
ETR	EXISTING TO REMAIN	TR	TRIM
EXP	EXPOSED	TS	TRANSITION STRIP
HPL	HIGH PRESSURE PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
INTL	INTEGRAL	WC	WALL COVERING
PT	PAINT	WD	WOOD
PM	PATCH TO MATCH	WOM	WALK OFF MAT
RB	RESILIENT BASE	WS	WRITABLE SURFACE
RT	RUBBER TILE	WT	WINDOW TREATMENT

FINISH PLAN SYMBOLS LEGEND

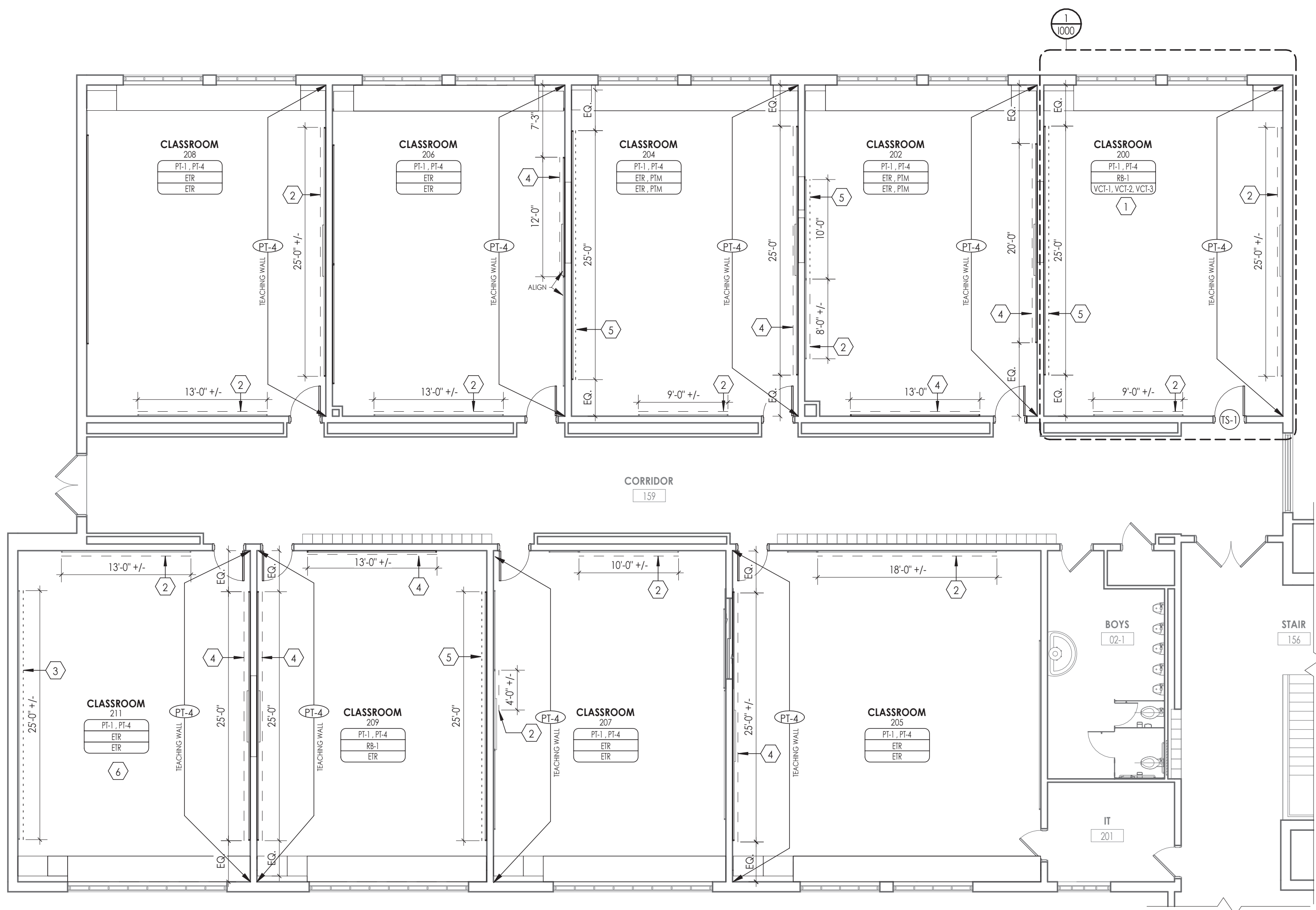
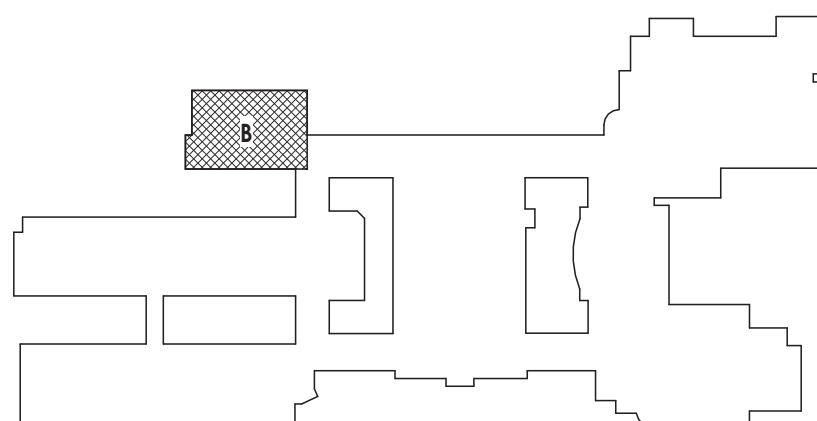
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT IN THIS PROJECT



FINISH PLAN KEY NOTES

- 1 PROVIDE 3-COLOR VCT FLOOR PATTERN WITH RESILIENT BASE. REFER TO 300 SERIES FOR DETAILS.
- 2 PROVIDE WRITABLE/MAGNETIC SURFACE (WS-1) ON ETR CHALKBOARD. VERIFY DIMENSIONS IN FIELD.
- 3 PROVIDE TACKABLE SURFACE (TAS-1) ON ETR CHALKBOARD. VERIFY DIMENSIONS IN FIELD.
- 4 PROVIDE NEW WRITABLE/MAGNETIC SURFACE (WS-1) AT EXTENTS SHOWN, MOUNT 2'-6" A.F.F.
- 5 PROVIDE NEW TACKABLE SURFACE (TAS-1) EXTENT SHOWN, 2'-6" A.F.F.
- 6 ETR WOOD PANELING ALONG TOP OF WALL TO RECEIVE PT-1. FULL EXTENT OF ROOM OTHER THAN TEACHING WALL TO RECEIVE PT-4 AT ETR WOOD PANELING

KEY PLAN:

1
201

AREA B - FINISH FLOOR PLAN

$$1/8'' = 1'-0''$$

TZHS
1202



FINISH PLAN GENERAL NOTES

- ALL NEW AND EXISTING HOLLOW METAL DOORS, DOOR FRAMES IN PROJECT SCOPE SHALL BE PAINTED (PT-2) ON BOTH SIDES, UNLESS NOTED OTHERWISE.
- ALL LOUVERS, VENTS, GRILLES AND OTHER MISCELLANEOUS MECHANICAL AND ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH THE SURFACE ON WHICH THEY APPEAR, UNLESS NOTED OTHERWISE.
- REFER TO A600 SERIES DRAWINGS FOR CEILING TYPES AND SOFFIT FINISHES.
- UNDERSIDE OF SOFFITS TO MATCH FACE OF SOFFIT. SEE **A600 SERIES** FOR PAINT ACCENT SPECIFICATIONS.
- PAINT GWB CEILING (PT-3), UNLESS NOTED OTHERWISE.
- REFER TO A700 SERIES INTERIOR ELEVATIONS FOR MILLWORK FINISHES.
- HIGH PRESSURE PLASTIC LAMINATE ON VERTICAL SURFACES TO RUN VERTICALLY, UNLESS NOTED OTHERWISE.
- WHERE KICKSPACES OCCUR AT MILLWORK, FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
- ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE. INSTALL TRANSITION STRIPS PER DETAILS ON **1000**.
- PROVIDE CONCRETE FLOOR PREPARATION IN ACCORDANCE WITH FLOORING MANUFACTURER SPECIFICATION.

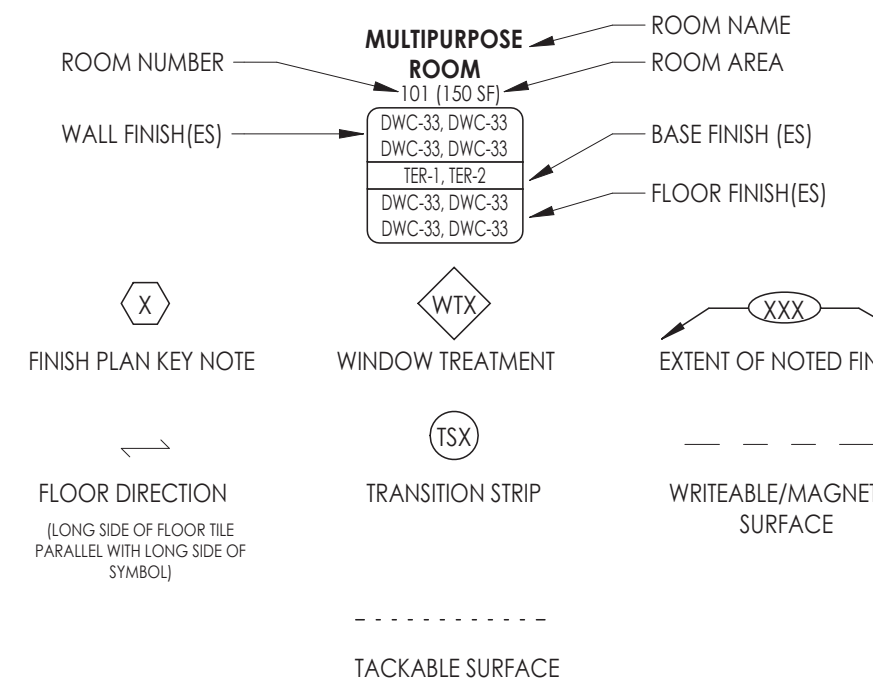
FINISH ABBREVIATIONS

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HPL	HIGH PRESSURE PLASTIC LAMINATE	VCT	VINYL COMPOSITION TILE
INT	INTEGRAL	WC	WALL COVERING
PT	PAINT	WD	WOOD
PTM	PATCH TO MATCH	WOM	WALK OFF MAT
RB	RESILIENT BASE	WS	WRITEABLE SURFACE
RT	RUBBER TILE	WT	WINDOW TREATMENT

FINISH PLAN SYMBOLS LEGEND

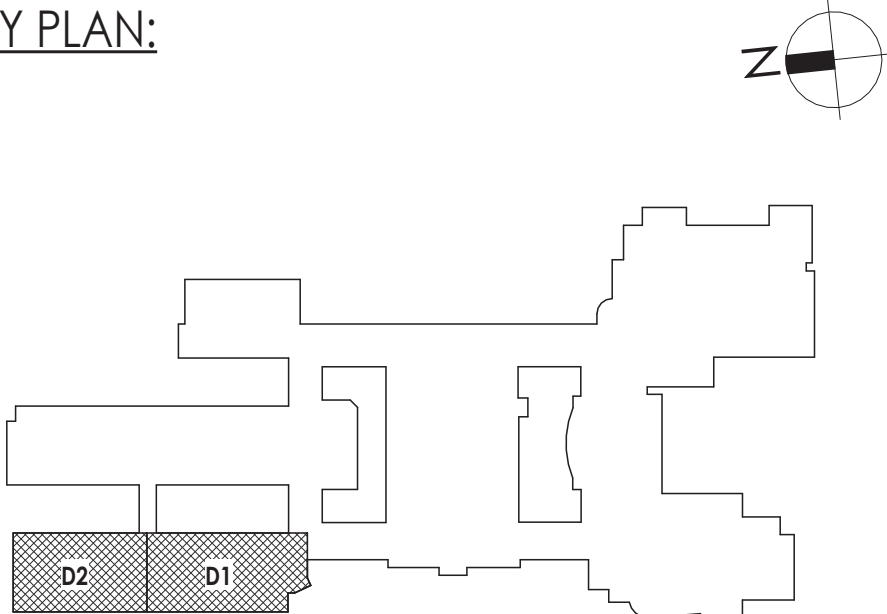
NOTE: THIS LEGEND MAY CONTAIN SYMBOLS THAT ARE NOT IN THIS PROJECT



FINISH PLAN KEY NOTES

- PROVIDE 3-COLOR VCT FLOOR PATTERN WITH RESILIENT BASE. REFER TO 1300 SERIES FOR DETAILS.
- PROVIDE WRITEABLE/MAGNETIC SURFACE (WS-1) ON ETR CHALKBOARD. VERIFY DIMENSIONS IN FIELD.
- PROVIDE TACKABLE SURFACE (TAS-1) ON ETR CHALKBOARD. VERIFY DIMENSIONS IN FIELD.
- PROVIDE NEW WRITEABLE/MAGNETIC SURFACE (WS-1) AT EXTENTS SHOWN, MOUNT 2'-6" A.F.F.
- PROVIDE NEW TACKABLE SURFACE (TAS-1) EXTENT SHOWN, 2'-6" A.F.F.
- ETR WOOD PANELING ALONG TOP OF WALL TO RECEIVE PT-1, FULL EXTENT OF ROOM OTHER THAN TEACHING WALL TO RECEIVE PT-4 AT ETR WOOD PANELING

KEY PLAN:



PROJECT INFORMATION

Project Number
R22.14457.20

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
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10962

SED # 90-03-01-04-0-004-033

Registration Expiration Date

Lauren Tanso 09/30/24

Anthony Marchetti 05/31/27

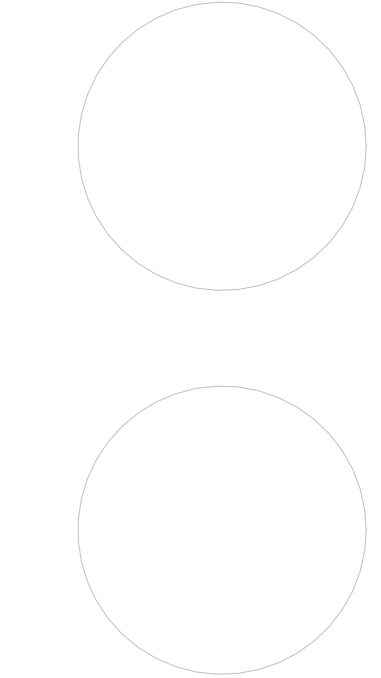
Dawn Neff 02/28/25

Jennifer Wengender 04/30/27

PROJECT ISSUE & REVISION SUMMARY

Date Description
2 11/06/2024 BID ADDENDUM #2

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATUTES

PER A DECISION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS OF EDUCATION, NO ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL BE PERMITTED TO EXERCISE HIS OR HER PROFESSION IN ANY MANNER IN THE STATE OF NEW YORK UNLESS HE OR SHE IS A MEMBER OF THE NEW YORK STATE BOARD OF ARCHITECTS, ENGINEERS AND LAND SURVEYORS.

SHEET INFORMATION

Issued 10/25/2024 Scale As indicated

Project Status

BID DOCUMENTS

Drawn By

AD

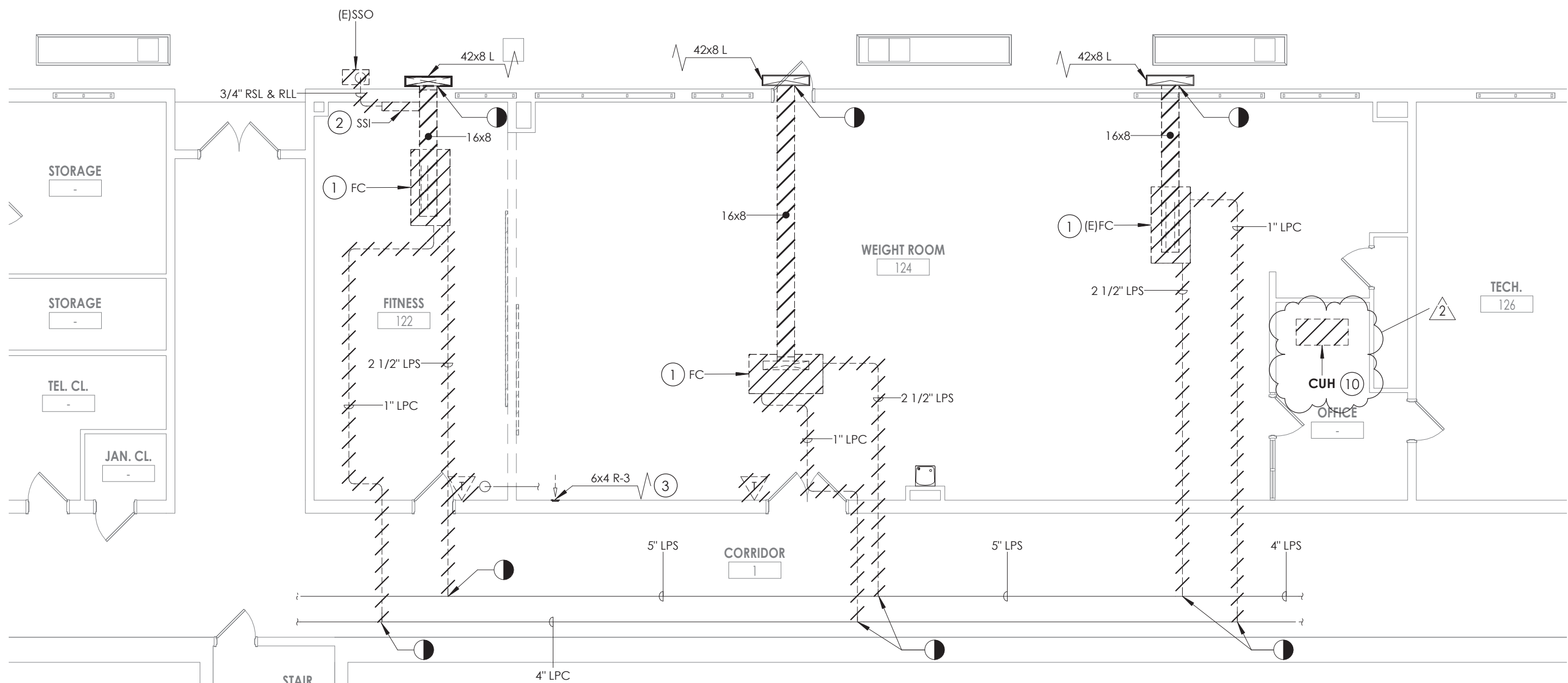
Drawing Title

AREA D FINISH FLOOR PLAN

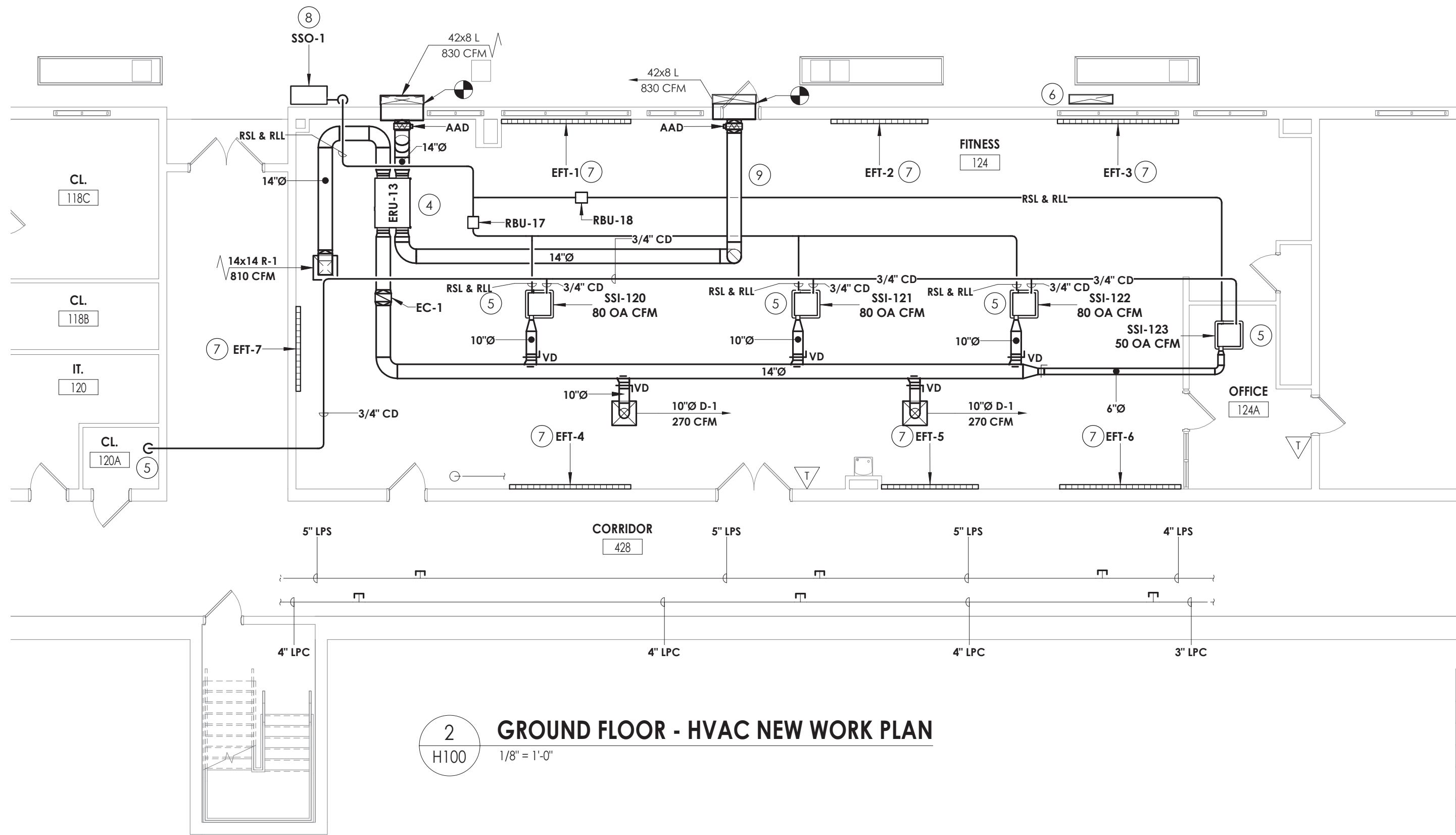
Drawing Number

TZHS
1203

11/16/2024 9:30:10 AM c:\project\location> REVIT PROJECT FILES ON BIM 360



1
H100
GROUND FLOOR - HVAC DEMOLITION PLAN
1/8" = 1'-0"



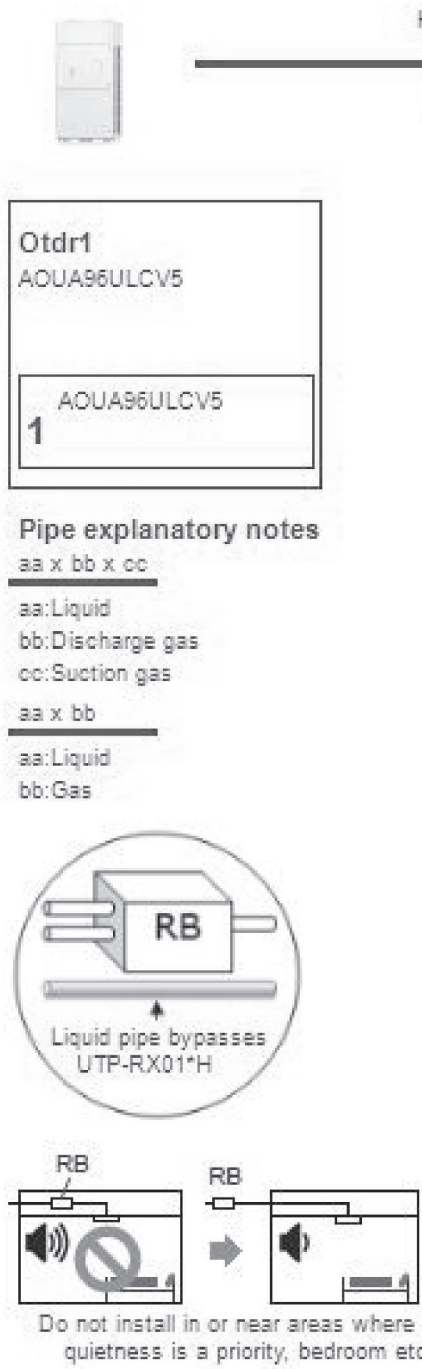
2
H100
GROUND FLOOR - HVAC NEW WORK PLAN
1/8" = 1'-0"

ELECTRIC REHEAT COIL SCHEDULE														
TAG	LOCATION	AIR DATA				ELECTRICAL			MFG SIZE H (IN.)	MFG SIZE L (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	NOTES:	
		CFM	TEMP °F ENT	TEMP °F LVG	MAX APD (IN WC)	KW	VOLTS	Ø						AMPS
EC-1	FITNESS ROOM	830	40	72	0.08	28.68	208	3	138	12	12	4	INDEECO QUIZ	1,2,3
NOTES:														
1. PROVIDE PROPORTIONAL SCR CONTROLS AND DUCT TEMPERATURE SENSOR.														
2. CONNECT TO BMS.														
3. FACTORY MOUNTED AND WIRED DISCONNECT.														

REGISTERS, GRILLES, AND DIFFUSERS (FITNESS AREA)						
TAG	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	NOTES:
D-1	SUPPLY	STEEL	LAY-IN	WHITE	PRICE SPD	1
R-1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE PDR	1
NOTES:						
1. INSULATED BACK PAN.						

4.Piping Diagrams

4.1.Piping Otdr1 (VRF system)



3
H100
SSO-1 PIPING DIAGRAM
NTS

ELECTRIC FINNED TUBE SCHEDULE											
TAG	LENGTH (FT)	ELECTRICAL					ENCLOSURE			TYPICAL UNIT MFG & MODEL NO.	NOTES:
		WATT	BTUH	VOLT	PH	HZ	H (IN.)	D (IN.)	STYLE		
EFT-1	10	2500	8532	208	1	60	6	3	SLOPE	VULCAN SB-10250	1,2
EFT-2	8	2000	6826	208	1	60	6	3	SLOPE	VULCAN SB-8250	1,2
EFT-3	10	2500	8532	208	1	60	6	3	SLOPE	VULCAN SB-10250	1,2
EFT-4	10	2500	8532	208	1	60	6	3	SLOPE	VULCAN SB-10250	1,2
EFT-5	8	2000	6826	208	1	60	6	3	SLOPE	VULCAN SB-8250	1,2
EFT-6	10	2500	8532	208	1	60	6	3	SLOPE	VULCAN SB-10250	1,2
EFT-7	7	1400	4774	208	1	60	6	3	SLOPE	VULCAN SB-7200	1,2
NOTES:											
1. COLOR BY ARCHITECT.											
2. COORDINATE HEIGHT WITH ELECTRICAL DEVICES.											

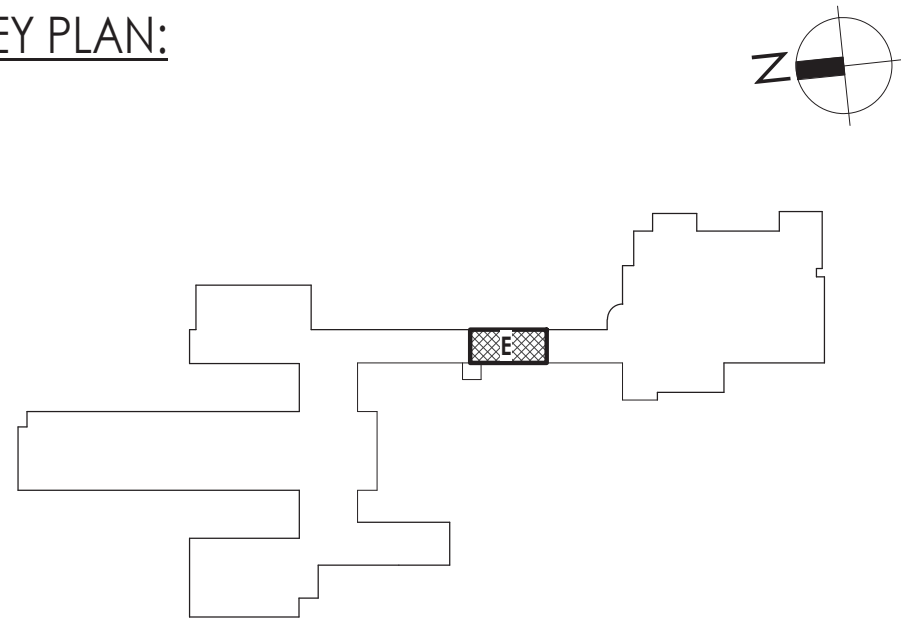
VRF INDOOR UNITS													
MARK	ROOM SERVED	TYPE	AIRFLOW (H/M/L) (CFM)	OUTDOOR AIRFLOW (CFM)	NOM.HEATING CAPACITY (MBH)	NOM.COOLING CAPACITY (MBH)	DIMENSIONS (W" X H" X D")	WEIGHT (LBS)	POWER (Ø/V/Hz)	MOCP	FLA	TYPICAL UNIT MFG & MODEL NO.	NOTES
SSI-120	124	CEILING CASSETTE	607/465/330	80	27	24	23 X 23 X 10	44	208/1/60	0.78	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5
SSI-121	124	CEILING CASSETTE	607/465/330	80	27	24	23 X 23 X 10	44	208/1/60	0.78	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5
SSI-122	124	CEILING CASSETTE	607/465/330	80	27	24	23 X 23 X 10	44	208/1/60	0.78	0.62	FUJITSU AUUA24TLAV2	1,2,3,4,5
SSI-123	124A	CEILING CASSETTE	312/265/230	50	4.4	4	23 X 23 X 10	40	208/1/60	0.29	0.23	FUJITSU AUUA4TLAV2	1,2,3,4,5
NOTES:	1. UNIT MOUNTED AND WIRED DISCONNECT. 2. BAC NET INTERGRATION TO BMS. 3. COLOR WHITE. 4. CONDENSATE PUMP. 5. OUTDOOR UNIT POWERS INDOOR UNITS.												

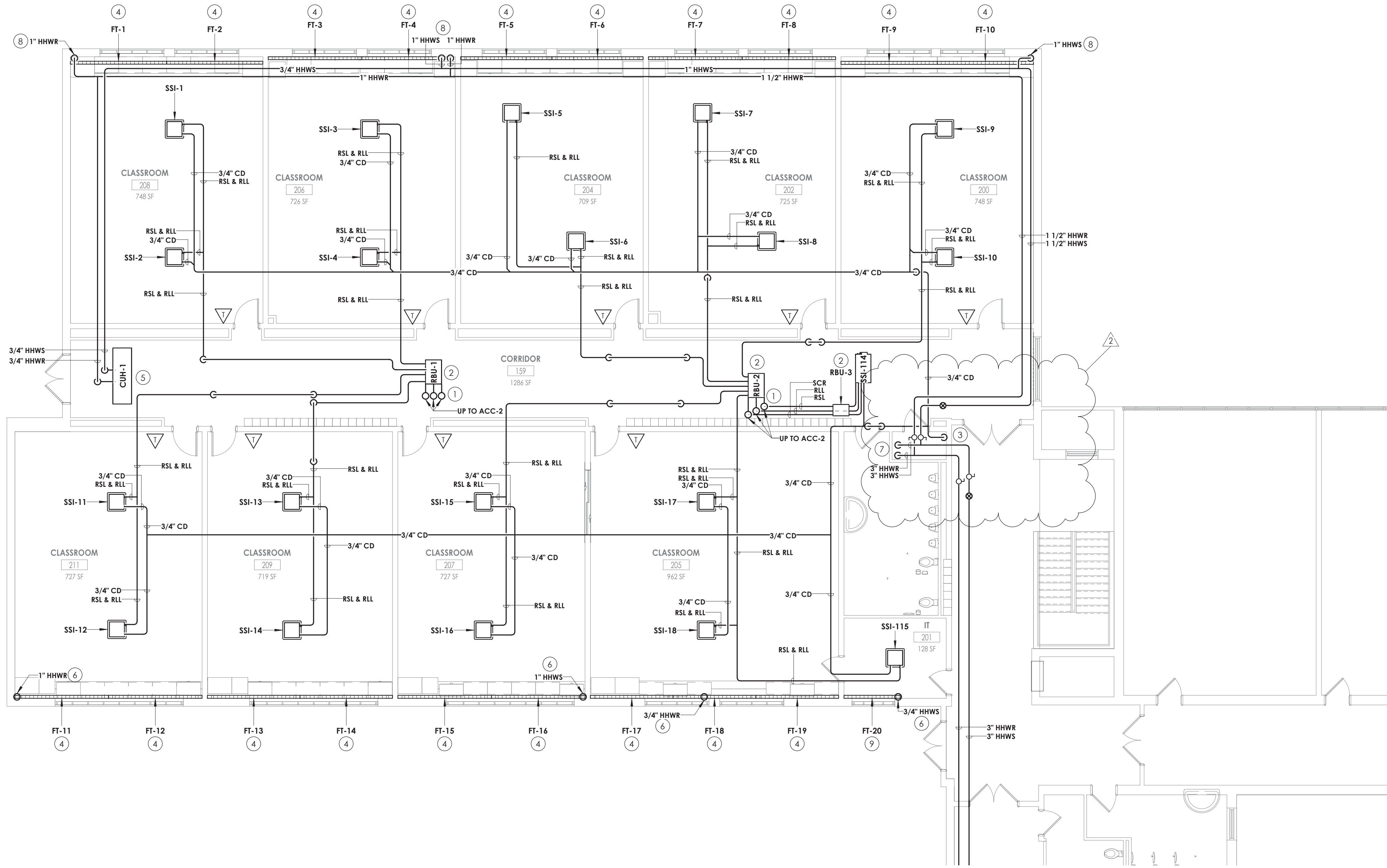
VRF BRANCH SELECTOR UNITS										
MARK	NUMBER OF BRANCHES AVAILABLE	NUMBER OF BRANCHES USED	MAX TOTAL CAPACITY (MBH)	MAX BRANCH CAPACITY (MBH)	CONNECTED TOTAL HEATING CAPACITY (MBH)	CONNECTED TOTAL COOLING CAPACITY (MBH)	DIMENSIONS (H X W X D)	POWER (V/Ø/HZ)	POWER (WATTS)	TYPICAL UNIT MFG & MODEL NO.
RBU-17	1	1	96	96	85.4	76	11 X 33 X 15	208/1/60	41	FUJITSU UTP-RU01FH
RBU-18	1	1	96	96	85.4	76	11 X 33 X 15	208/1/60	41	FUJITSU UTP-RU01FH

SPLIT SYSTEM OUTDOOR CONDENSING UNIT SCHEDULE															
TAG	LOCATION	SERVES	NOMINAL TONS	MBH COOLING	MBH HEATING	ELECTRICAL DATA				DIMENSIONS (H X W X D)	WT (LB)	IEER	TYPICAL UNIT MFG & MODEL NO.	NOTES:	
						FAN DATA		COMPRESSOR RLA	SYSTEM MCA						POWER (V/Ø/Hz)
						MOTOR WATTS	MOTOR FLA								
SSO-1	EXTERIOR	124, 124A	8	96	108	375 X 2	1.4 + 0.9	27.5	39	208/3/60	69-9/16 X 42-1/4 X 23-5/8	511	23.1	FUJITSU AC096RLAVL	1,2
NOTES: 1. FACTORY MOUNTED DISCONNECT 2. LOW AMBIENT TEMPERATURE KIT															

ENERGY RECOVERY UNITS (INDOORS)																				
TAG	LOCATION	AREA SERVED	SA (CFM)	EA (CFM)	RA (CFM)	SUPPLY FAN				EXHAUST FAN				OPERATING WEIGHT (LBS)	FILTERS	ELECTRICAL REQUIREMENTS			TYPICAL UNIT MFG & MODEL NO.	NOTES:
						FAN TYPE	E.S.P. (IN. WC)	WATTS	HP	FAN TYPE	E.S.P. (IN. WC)	WATTS	HP			V/Ø/HZ	FLA	MCA		
ERU-13	124	124, 125	830	830	830	DIRECT	0.5	1270	0.75	DIRECT	0.5	1270	0.75	275	MERV 13	208/1/60	4.5	10.1	RENEWAIRE HE1XNH	1,2,3,4
<div>NOTES:</div> <div><div>1. FACTORY MOUNTED AND WIRED DISCONNECT.</div><div>2. FRESH AIR AND EXHAUST DAMPERS.</div><div>3. TERMINAL STRIP FOR BMS CONTROL OF FAN AND DAMPERS.</div><div>4. DIRTY FILTER SENSORS.</div></div>																				

KEY PLAN:



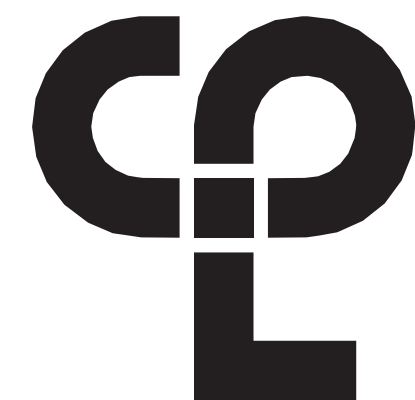
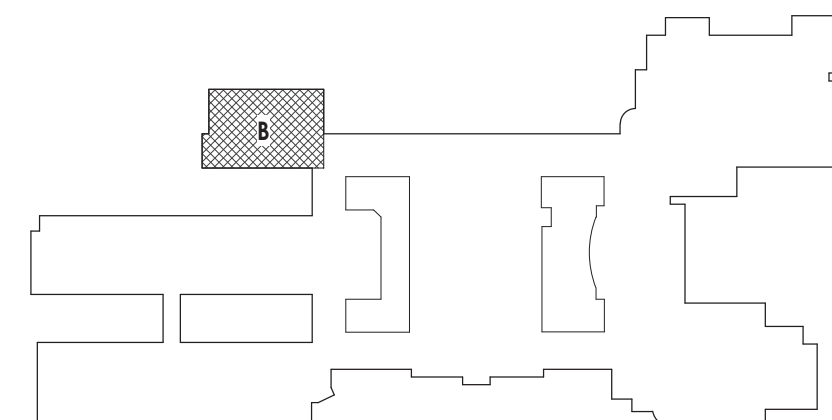


1
H301
FIRST FLOOR - HVAC PIPING PLAN - AREA B
1/8" = 1'-0"

KEY NOTES

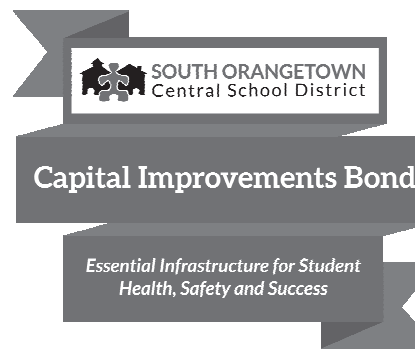
- 1 RSL/RL UP TO CONDENSING UNIT ON ROOF. REFER TO H600 FOR PIPE SIZES.
- 2 PROVIDE BRANCH BOX. MOUNT UNIT AS HIGH AS POSSIBLE. COORDINATE PIPE ROUTING WITH DUCTWORK AND EXISTING STRUCTURE.
- 3 ROUTE CONDENSATE TO EXISTING SINK. PROVIDE WITH AN INDIRECT CONNECTION.
- 4 PROVIDE FIN TUBE WITH DRAFTSTOP WHERE INDICATED.
- 5 INSTALL CABINET UNIT HEATER IN ACT CEILING GRID AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND LIGHTING. ROUTE PIPING ABOVE CEILING.
- 6 FIN TUBE PIPING TO BE ROUTED TO THE LOWER LEVEL.
- 7 MOUNT PIPING TO WALL AND ROUTE DOWN TO LOWER LEVEL. FIELD VERIFY EXACT DROP LOCATION.
- 8 FIN TUBE PIPING TO BE ROUTED ABOVE THE CEILING. PROVIDE 20 GAUGE GALVANIZED STEEL ENCLOSURE PAINTED TO MATCH THE WALL AROUND THE PIPING UP TO CEILING.
- 9 PROVIDE FIN TUBE WITH ENCLOSURE.

KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

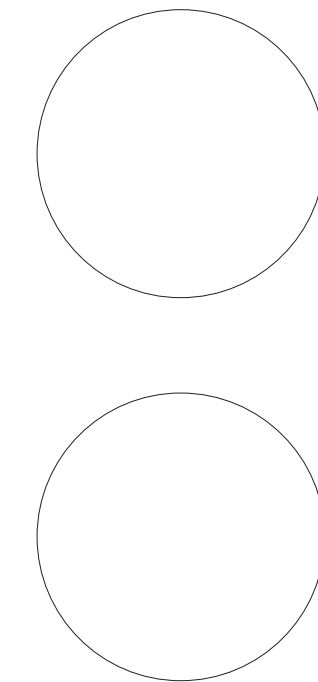
SED # 50-03-01-04-0-004-033

Registration	Expiration	Notes
Lauren Toppa	05/31/24	
Anthony Marchetti	05/31/27	
Clayton Hoff	02/28/25	
Jennifer Wengender	06/30/27	

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	11/06/24	BID ADDENDUM #2

PROFESSIONAL STAMPS



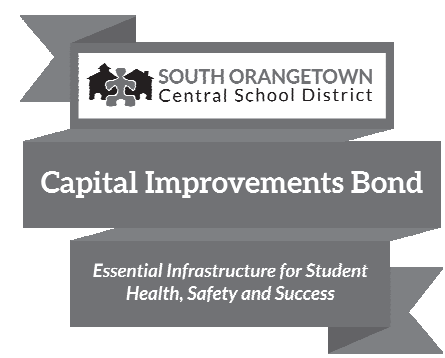
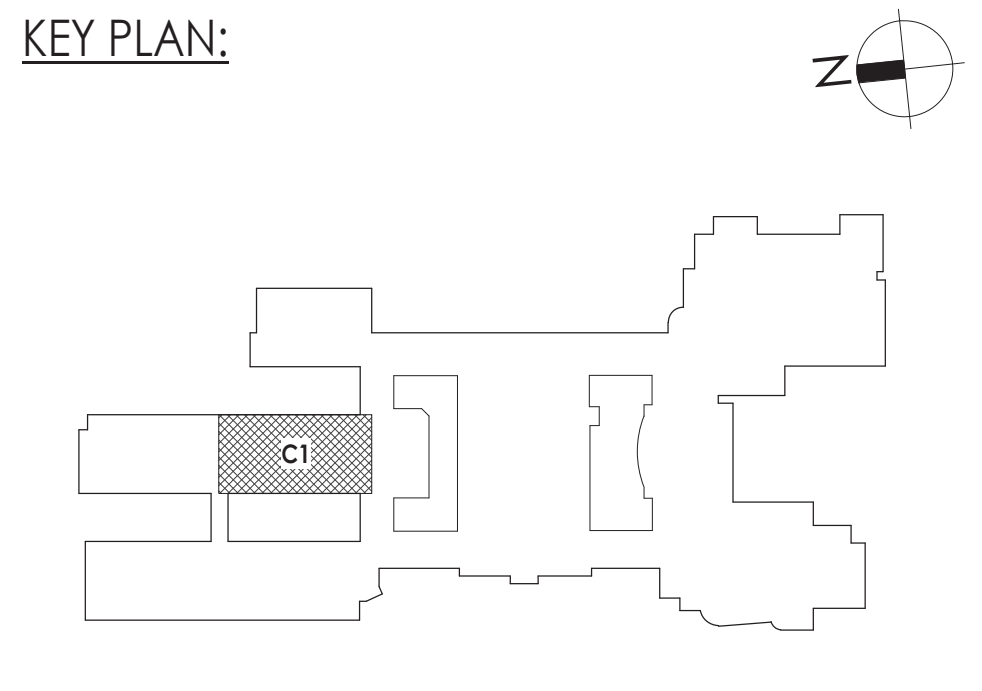
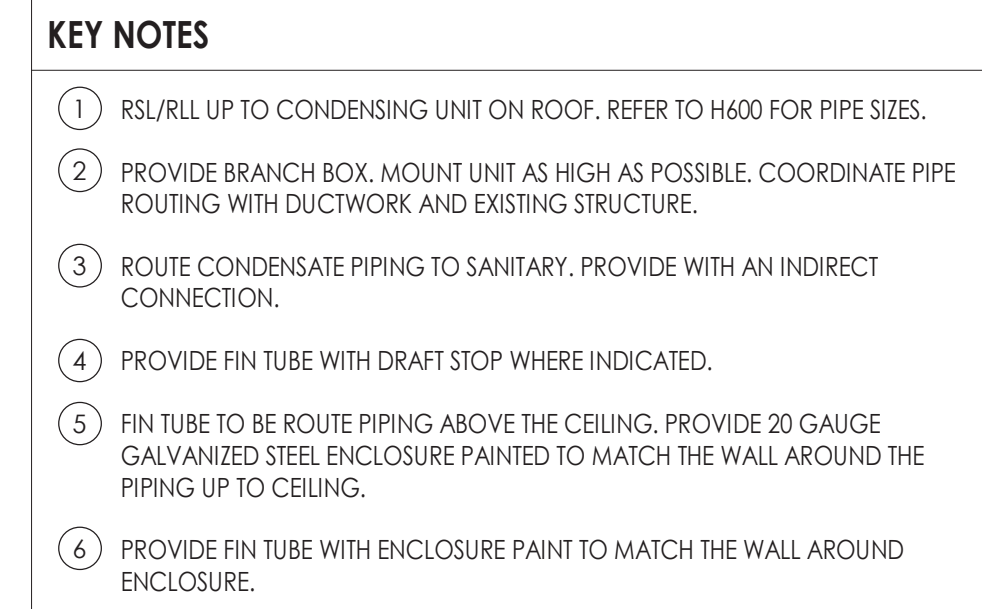
NEW YORK STATE EDUCATION STATUTE
IF IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS AN ARCHITECT, ENGINEER OR LAND SURVEYOR, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, THE ATTESTING PARTY SHALL WITHIN 15 DAYS FROM THE DATE OF SUCH ABANDON, AND A SPECIFIC DESCRIPTION OF THE ABANDON.

SHEET INFORMATION

Issued
10/25/2024
Scale
1/8" = 1'-0"
Project Status
BID DOCUMENTS
Drawn By
KCM
Checked By
JJM
Drawing Title
FIRST FLOOR PIPING PLAN - AREA B

Drawing Number

TZHS
H301



PROJECT INFORMATION

Project Number
14457.20

Client Name
**SOUTH ORANGETOWN CENTRAL
SCHOOL DISTRICT**

Project Name
PHASE 2: 2022 BOND

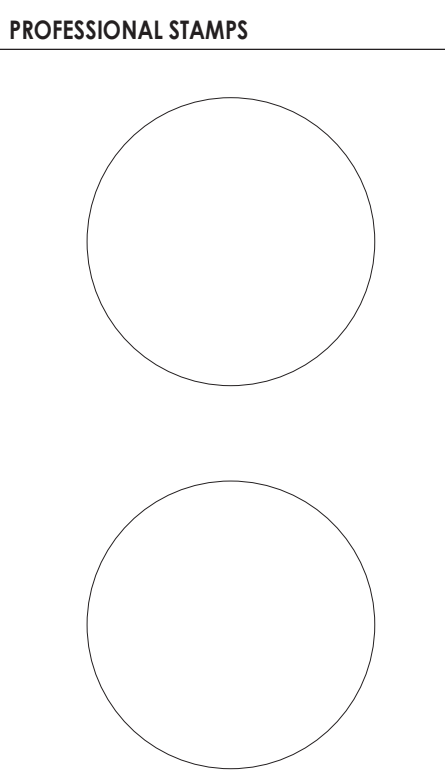
TAPPAN ZEE HIGH SCHOOL

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

SED # 50-03-01-04-0-004-033

<u>Registration/Expiration Dates</u>	
Lauren Torsio	09/30/26
Anthony Marchetti	05/31/27
Donal	02/28/25
Jennifer Wiengender	04/30/27

PROJECT ISSUE & REVISION SCHEDULE		
#	Date	Description
2	11/06/24	BID ADDENDUM #2



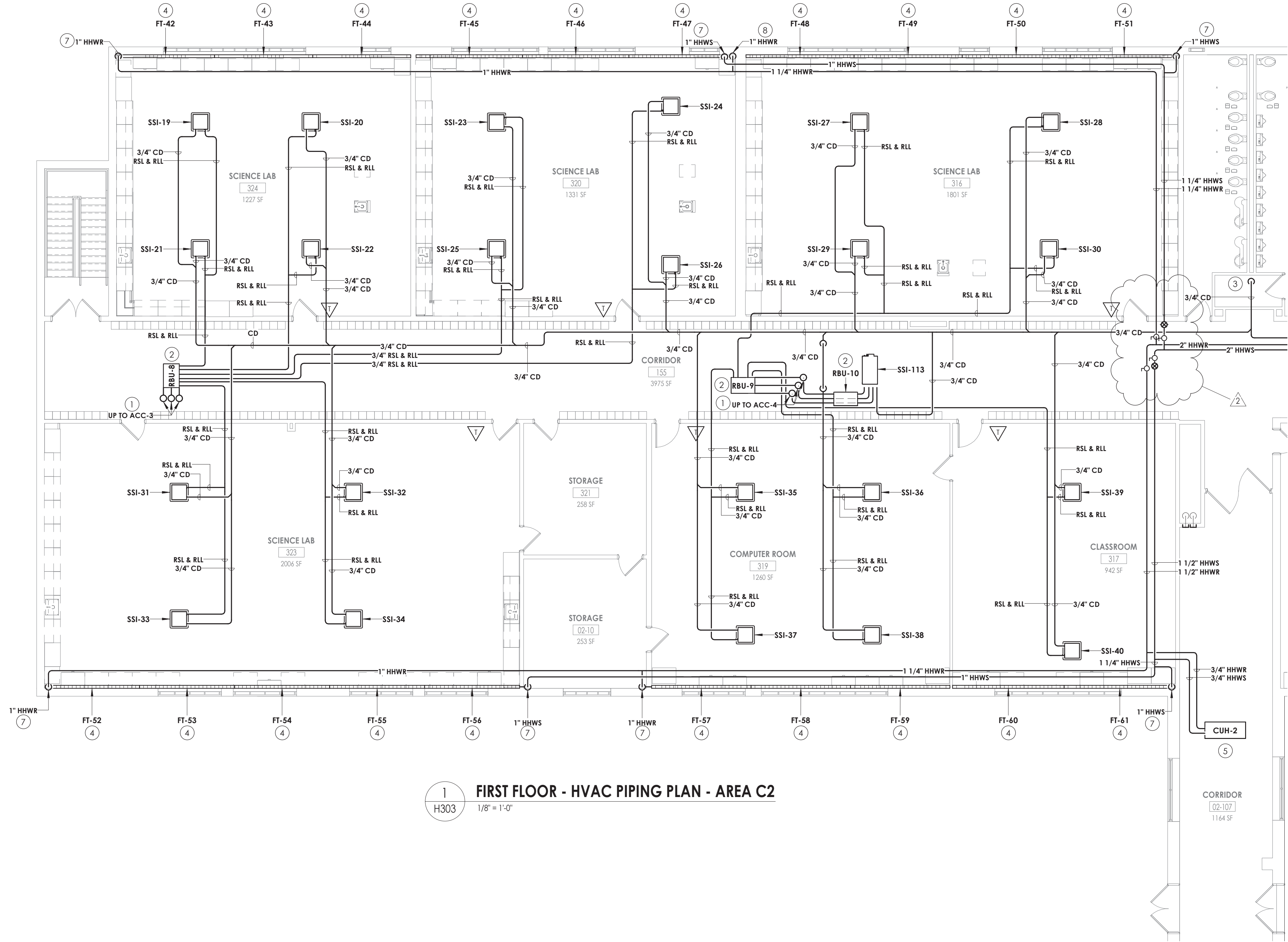
NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION	
Issued	Scale
10/25/2024	1/8" = 1'-0"
Project Status	
BID DOCUMENTS	
Drawn By	Checked By
KCM	JJM
Drawing Title	
FIRST FLOOR PIPING PLAN - AREA	
C1	

Drawing Number

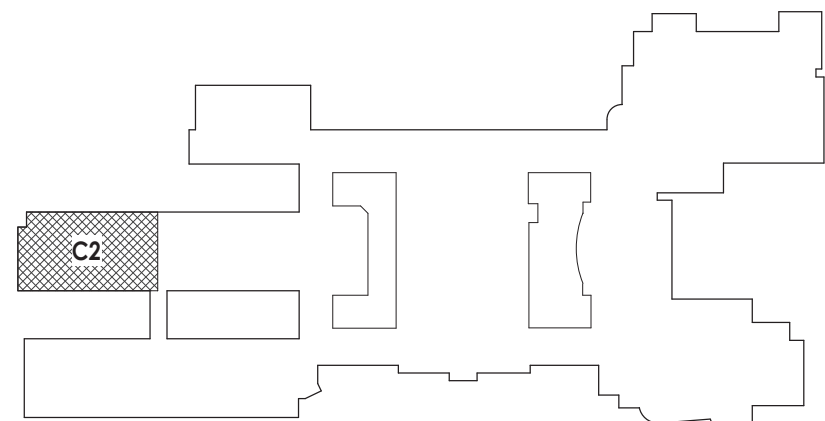
TZHS
H302



KEY NOTES

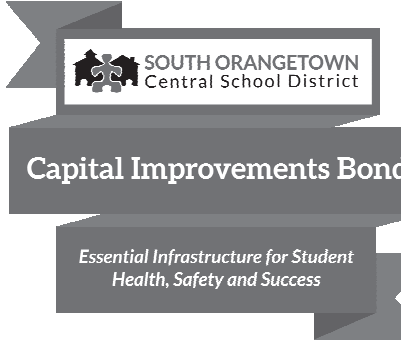
- 1 RSL/RL UP TO CONDENSING UNIT ON ROOF. REFER TO H600 FOR PIPE SIZES.
- 2 PROVIDE BRANCH BOX. MOUNT UNIT AS HIGH AS POSSIBLE. COORDINATE PIPE ROUTING WITH DUCTWORK AND EXISTING STRUCTURE.
- 3 ROUTE CONDENSATE PIPING TO SANITARY. PROVIDE WITH AN INDIRECT CONNECTION.
- 4 PROVIDE FIN TUBE WITH DRAFTSTOP WHERE INDICATED.
- 5 INSTALL CABINET UNIT HEATER IN ACT CEILING GRID AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND LIGHTING. ROUTE PIPING ABOVE CEILING. COORDINATE ENCLOSURE LENGTH WITH CASEWORK. ENCLOSURE PAINTED TO MATCH THE CASEWORK.
- 6 PROVIDE ENCLOSURE FOR FIN TUBE BETWEEN THE POINTS INDICATED. COORDINATE ENCLOSURE LENGTH WITH CASEWORK. ENCLOSURE PAINTED TO MATCH THE CASEWORK.
- 7 FIN TUBE PIPING TO BE ROUTED ABOVE THE CEILING. PROVIDE 20 GAUGE GALVANIZED STEEL ENCLOSURE PAINTED TO MATCH THE WALL AROUND THE PIPING UP TO CEILING.

KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20
Client Name
SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT
Project Name
PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

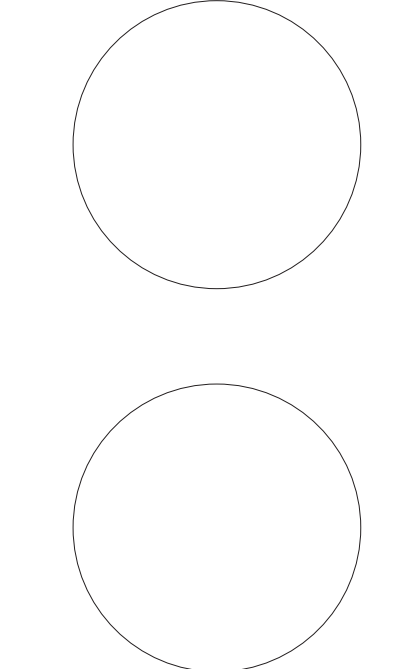
SED # 50-03-01-04-0-004-033

Registration	Expiration	Notes
Lauren Toppa	05/31/24	
Anthony Marchetti	05/31/27	
Clayton Hoff	02/28/25	
Jennifer Wengender	06/30/27	

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	11/06/24	BID ADDENDUM #2

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATEMENT
I, AS A VENDOR OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNDER ACTING UNDER THE SUPERVISION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ACT AS AN ARCHITECT, ENGINEER OR LAND SURVEYOR, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, AND THE ATTENDING PART SIGNATURE WITHIN THE FIRM NAME, AND THE SIGNATURE NUMBER BY FOLLOWING MY FIRM SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued
10/25/2024
Project Status
BID DOCUMENTS
Drawn By
KCM
Drawing Title
FIRST FLOOR PIPING PLAN - AREA C2

Drawing Number

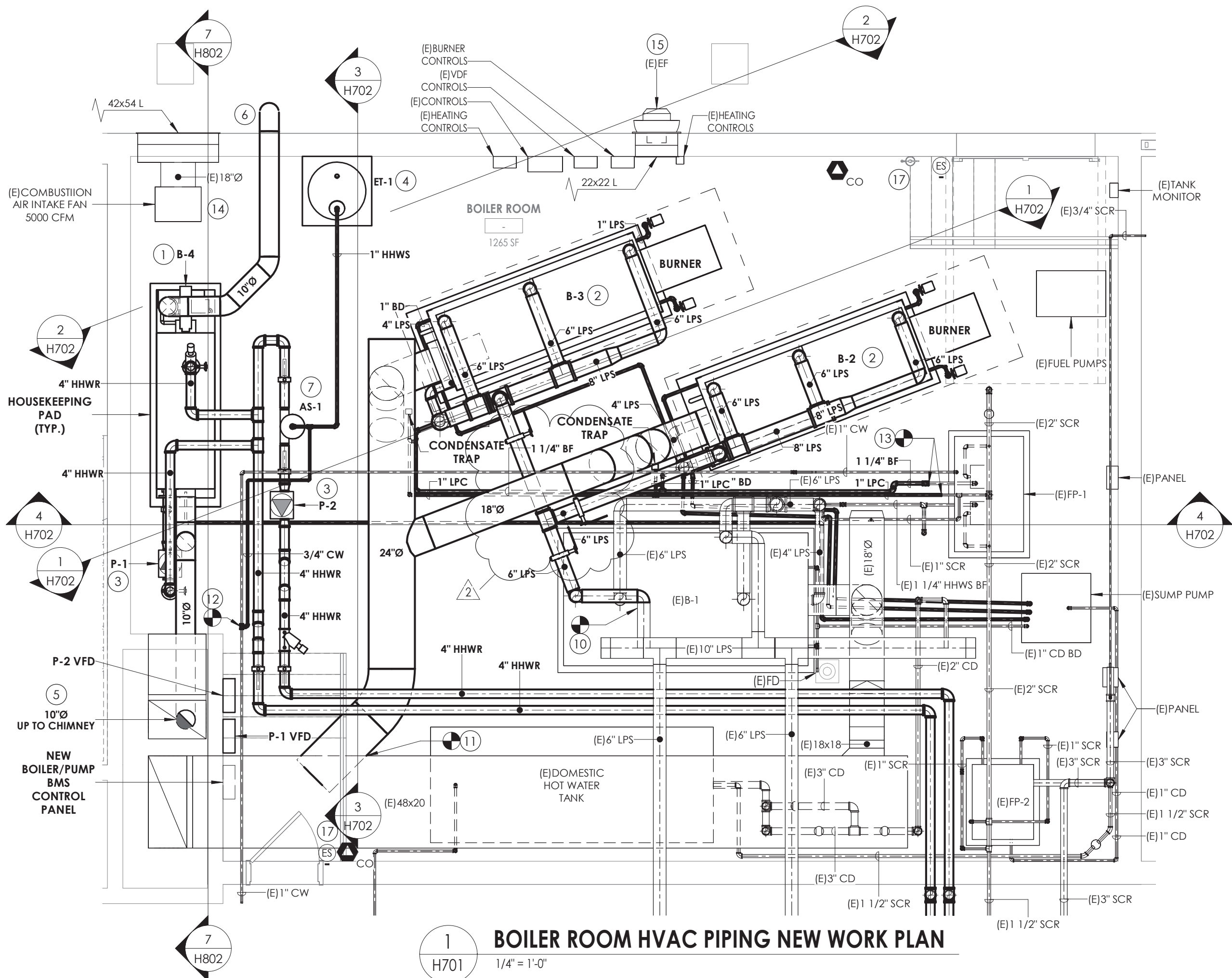
TZHS
H303

TZHS
H304

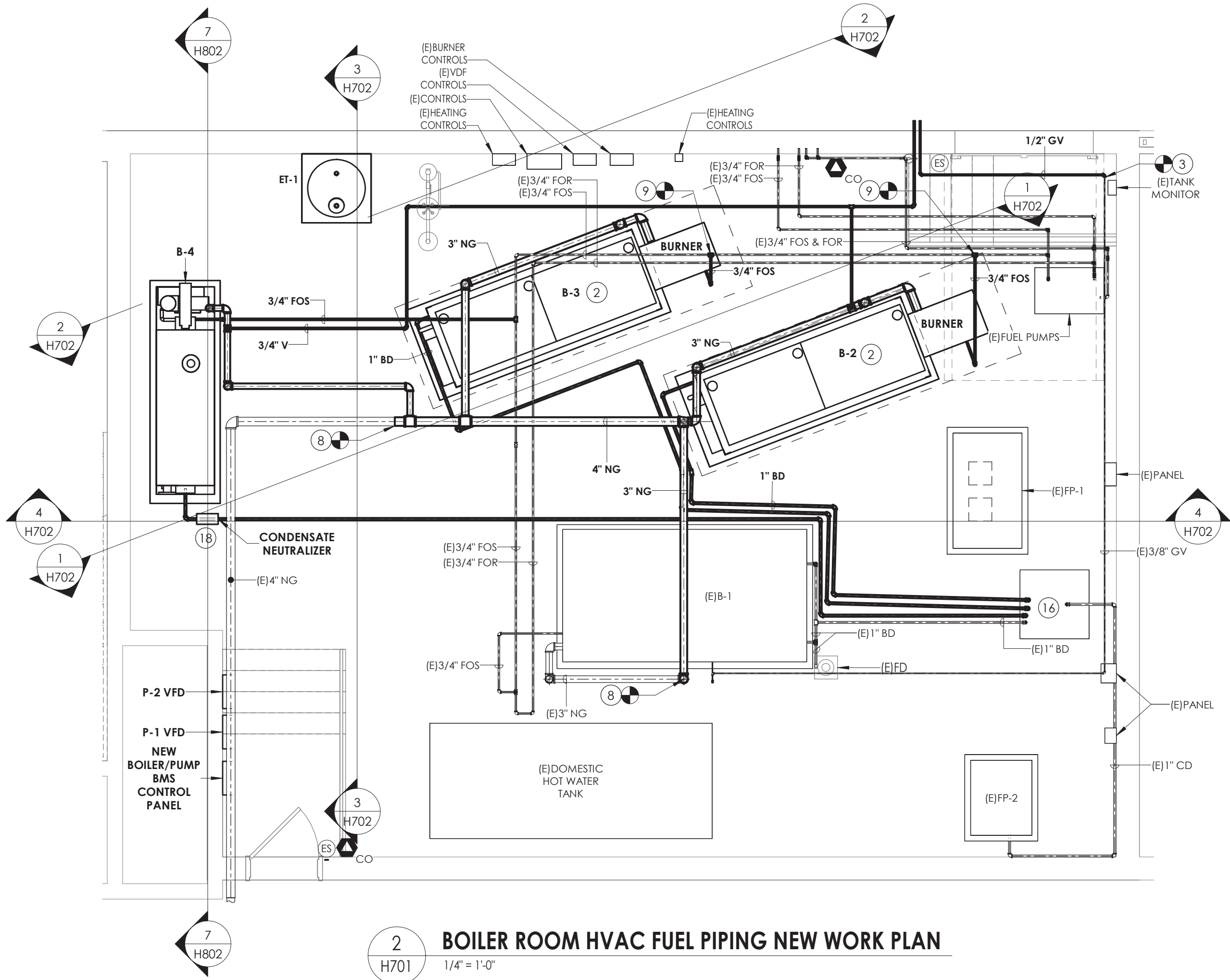


- ① RSJ/RLL UP TO CONDENSING UNIT ON ROOF. REFER TO H601 FOR PIPE SIZES
- ② PROVIDE BRANCH BO. MOUNT UNIT AS HIGH AS POSSIBLE. COORDINATE PIPE ROUTING WITH DUCTWORK AND EXISTING STRUCTURE.
- ③ ROUTE CONDENSATE PIPING TO EXTERIOR FOR DISCHARGE. PROVIDE WITH AN INDIRECT CONNECTION.
- ④ PROVIDE FIN TUBE WITH DRAFTSTOP WHERE INDICATED.
- ⑤ INSTALL CABINET UNIT HEATER IN ACT CEILING GRID AND COORDINATE WITH ARCHITECTURAL, STRUCTURAL, AND LIGHTING. ROUTE PIPING ABOVE CEILING.
- ⑥ FIN TUBE PIPING TO BE ROUTED ABOVE THE CEILING. PROVIDE 20 GAUGE GALVANIZED STEEL ENCLOSURE PAINTED TO MATCH THE WALL AROUND THE PIPING UP TO CEILING.





1 BOILER ROOM HVAC PIPING NEW WORK PLAN
1/4" = 1'-0"



2 BOILER ROOM HVAC FUEL PIPING NEW WORK PLAN
1/4" = 1'-0"

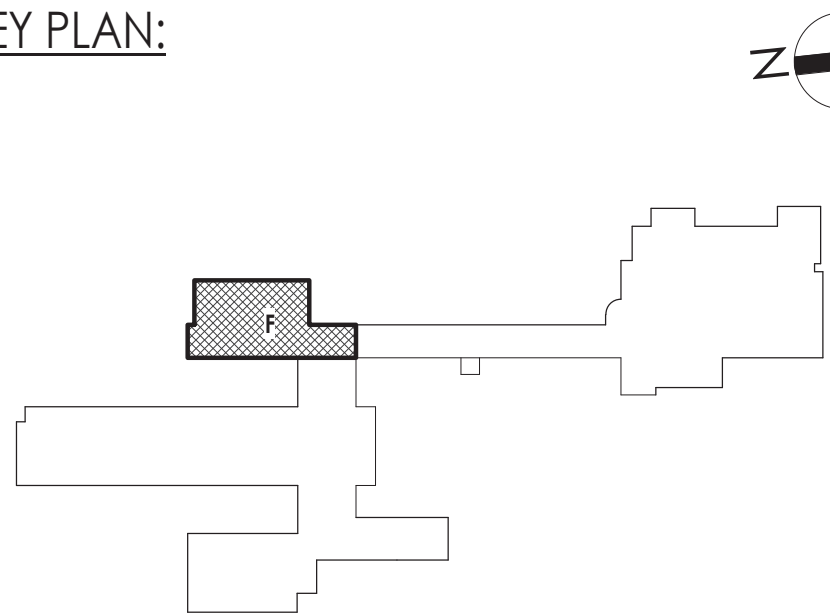
GENERAL NOTES:

1. PAINT PIPING ROUTED ON FLOOR YELLOW IN TRAP HAZARD PATHS.

KEY NOTES

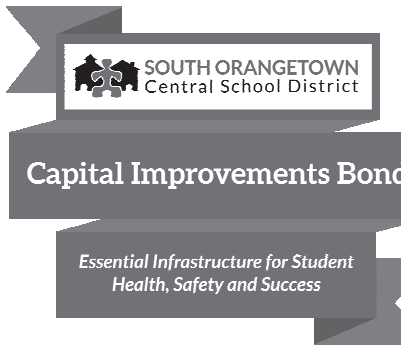
- 1 PROVIDE CONDENSING BOILER AND INSTALL ON NEW HOUSEKEEPING PAD. CONNECT TO EXISTING EMERGENCY STOP BUTTON AT EACH DOOR ENTRY.
- 2 INSTALL OWNER PROVIDED STEAM BOILER AND TRIM BURNER ON NEW HOUSEKEEPING PAD. CONNECT TO STEAM PIPING AND FLUE AT POINTS INDICATED. ROUTE BLOW DOWN PIPING TO FLOOR DRAIN AND PROVIDE WITH INDIRECT CONNECTION. CONNECT TO EXISTING EMERGENCY STOP BUTTON AT EACH DOOR ENTRY.
- 3 PROVIDE INLINE PUMP.
- 4 PROVIDE EXPANSION TANK AND CONNECT TO HOT WATER SYSTEM.
- 5 ROUTE NEW FLUE THROUGH EXISTING CHIMNEY.
- 6 AIR INTAKE TO BE TERMINATED WITH DOWNWARDS 90° ELBOW AND WITH 1/2" x 1/2" BIRD SCREEN.
- 7 PROVIDE AIR SEPARATOR AND CONNECT TO HOT WATER RETURN PIPING.
- 8 CONNECT TO EXISTING NATURAL GAS PIPING AND ROUTE TO GAS TRAINS.
- 9 CONNECT TO EXISTING OIL SUPPLY/RETURN PIPING AND ROUTE TO BURNER.
- 10 CONNECT NEW STEAM PIPING TO EXISTING STEAM BRANCH IN LOCATION SHOWN.
- 11 CONNECT NEW FLUE TO EXISTING FLUE. MATCH/RE-INSULATE AS REQUIRED.
- 12 CONNECT TO COLD WATER MAKE UP, PROVIDED BY PLUMBER IN THIS AREA. COORDINATE EXACT LOCATION.
- 13 CONNECT NEW BOILER FEED PIPING TO EXISTING BOILER FEED PIPING AT POINT INDICATED.
- 14 EXISTING COMBUSTION AIR INTAKE FAN TO BE INTERCONNECTED TO STEAM BOILER BURNERS.
- 15 EXISTING COMBUSTION AIR RELIEF FAN TO BE INTERCONNECTED TO STEAM BOILER BURNERS.
- 16 DRAIN TO SUMP PUMP. PROVIDE AIR GAP.
- 17 PROVIDE CO SENSOR NEAR EACH EXIT. REFERENCED ON H502. CONNECT CO SENSORS AND EXISTING EMERGENCY SHUT-OFF CONTROLS TO ALL BOILERS.
- 18 PROVIDE NEUTRALIZATION TANK FOR CONDENSING BOILER.

KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLteam.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20

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SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name
PHASE 2: 2022 BOND

Building Address
160 VAN WYCK RD., BLAUVELT, NY 10913

SED # 50-03-01-04-0-004-033

Registration Expiration Dates

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Anthony Marchetti 05/31/27

Dave Hoff 02/28/25

Jennifer Wengender 04/30/27

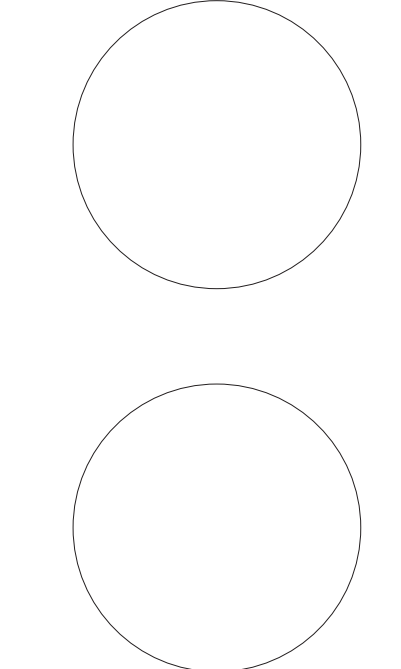
PROJECT ISSUE & REVISION SCHEDULE

1 10/25/24

2 11/06/24

BID ADDENDUM #2

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION DEPARTMENT

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SHEET INFORMATION

Issued
10/25/2024

Project Status
BID DOCUMENTS

Drawn By
KCM

Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

Checked By
JJM

Scale
1/4" = 1'-0"

Drawn By
KCM

Checked By
JJM

Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

Scale
1/4" = 1'-0"

Drawn By
KCM

Checked By
JJM

Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

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1/4" = 1'-0"

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KCM

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Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

Scale
1/4" = 1'-0"

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KCM

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Drawing Title
BOILER ROOM ENLARGED NEW WORK PLANS

Scale
1/4" = 1'-0"

Drawn By
KCM

Checked By
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Drawing Title
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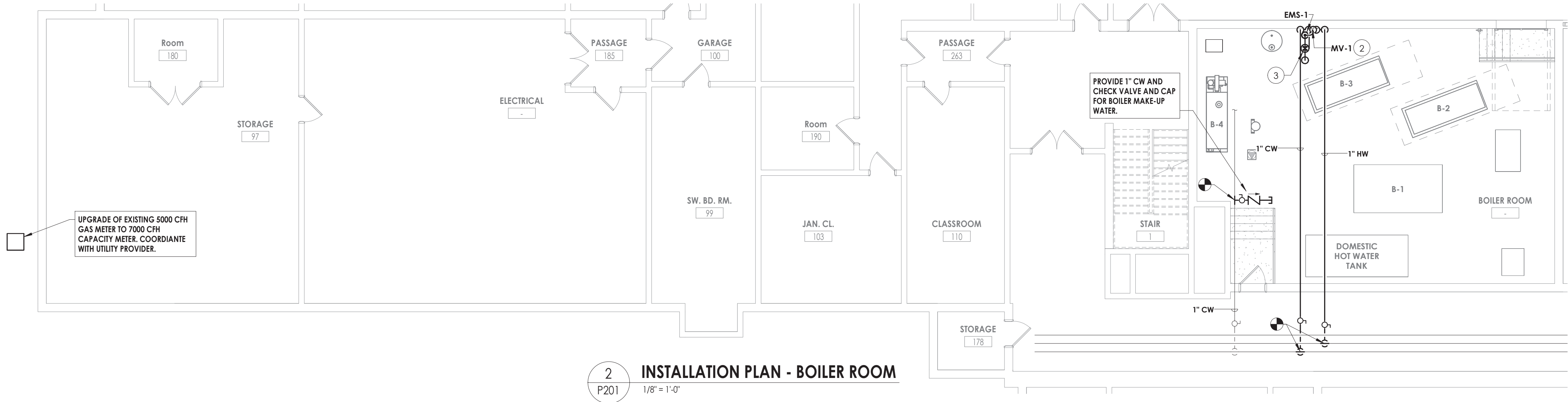
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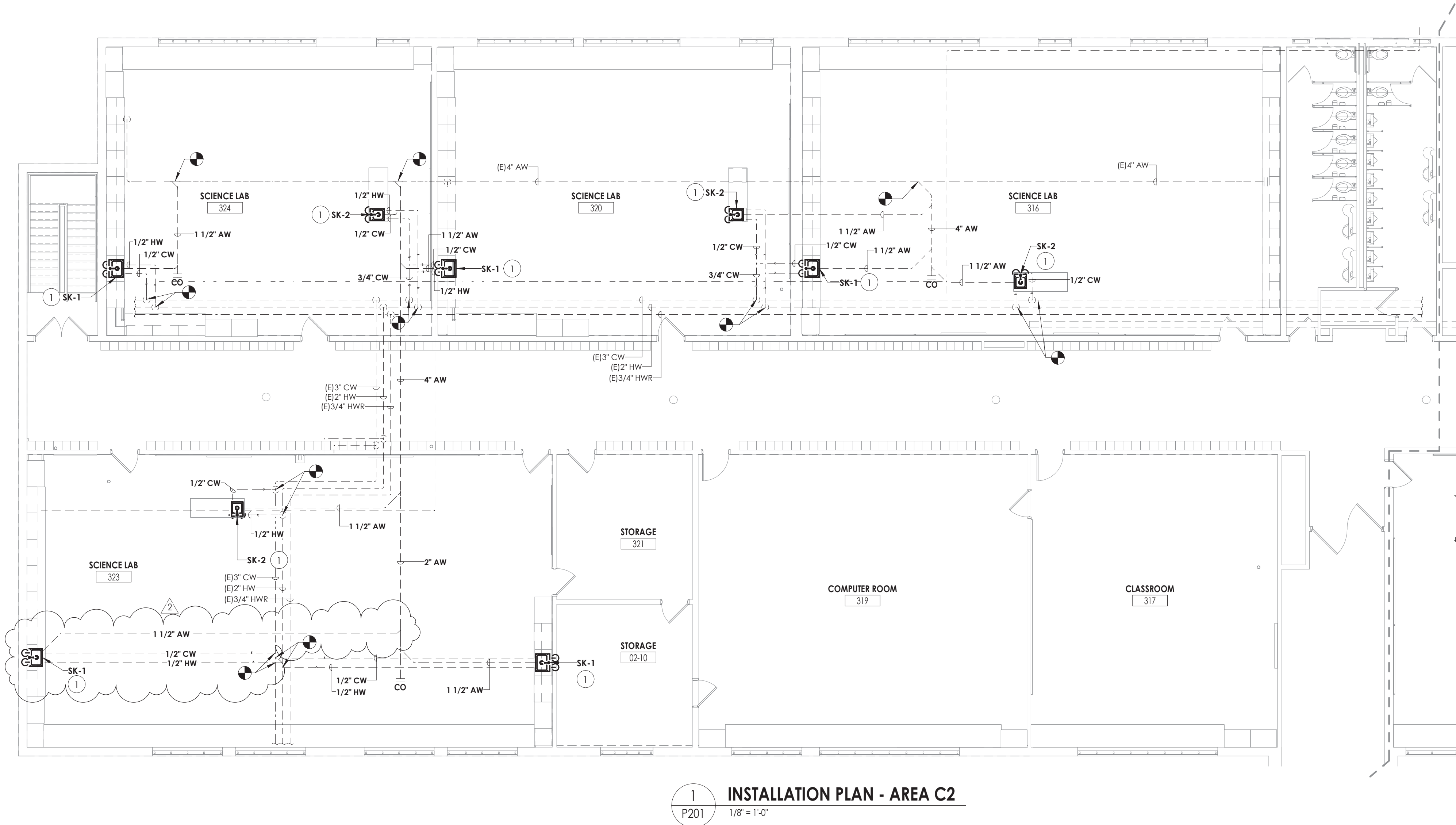
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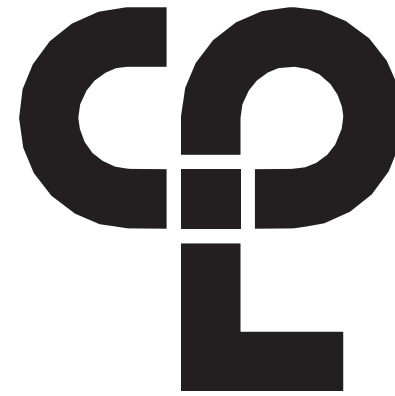
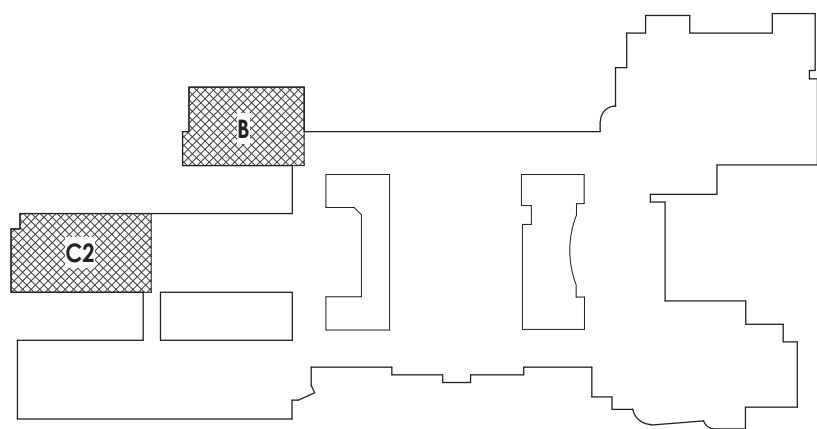
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- KEY NOTES:**
- 1 PROVIDE SINK, SUPPORTS, DOMESTIC WATER SUPPLY LINES, SUPPLY SHUT OFF VAVLES, P-TRAP WITH ACID NEUTRALIZATION KIT, SANITARY PIPING, & AIR ADMITTANCE VALVE FOR VENTING.
 - 2 PROVIDE 1" DOMESTIC COLD WATER AND 1" DOMESTIC HOT WATER TO MIXING VAVLE MV-1. PROVIDE 1-1/4" TEMPERED WATER SUPPLY TO EMERGENCY EYEWASH STATION, EMS-1.
 - 3 PROVIDE EMERGENCY SHOWER/EYEWASH STATION EMS-1, GUARDIAN MODEL# G1996, CONNECT TO 1-1/4" TEMPERED WATER SUPPLY FROM MIXING VALVE MV-1.

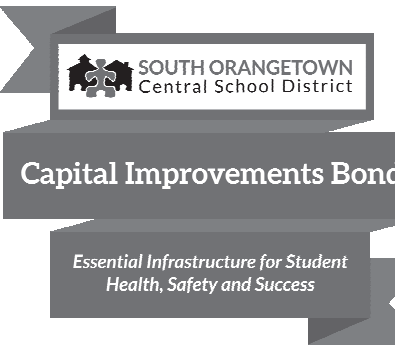


KEY PLAN:



CPL | Architecture Engineering Planning
26 IBM Road
Poughkeepsie, NY 12601
CPLearn.com

NY ENGINEERING FIRM CERTIFICATE #0021419



PROJECT INFORMATION

Project Number
14457.20

Client Name

SOUTH ORANGETOWN CENTRAL SCHOOL DISTRICT

Project Name

PHASE 2: 2022 BOND

TAPPAN ZEE HIGH SCHOOL

Building Address

160 VAN WYCK RD., BLAUVELT, NY 10913

SED # 50-03-01-04-0-004-033

Registration Expiration Dates

Lauren Toppa 05/31/24

Anthony Marchetti 05/31/27

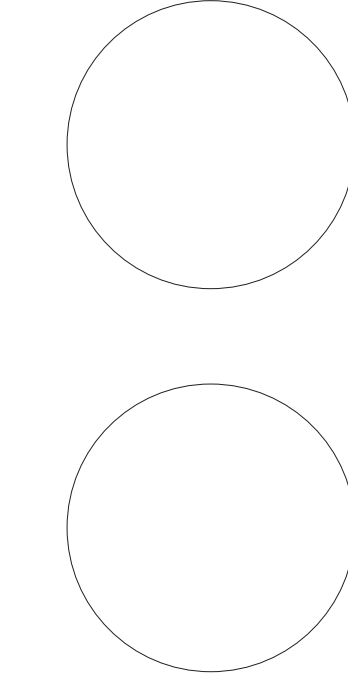
Clayton Hoff 02/28/25

Jennifer Wengender 06/30/27

PROJECT ISSUE & REVISION SCHEDULE

#	Date	Description
2	11/06/24	BID ADDENDUM #2

PROFESSIONAL STAMPS



NEW YORK STATE EDUCATION STATUTE

IF IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY DRAWING IN ANY WAY, BY ADDING, DELETING, OR OTHERWISE MODIFYING THE SAME, THE ARCHITECT, ENGINEER OR LAND SURVEYOR SHALL BE LIABLE TO THE STATE OF NEW YORK FOR A FINE OF NOT MORE THAN \$500 AND THE REVISION NUMBER BEING FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued

10/25/2024

Project Status

BID DOCUMENTS

Drawn By

MLS

Drawing Title

INSTALL PLAN - AREA C2 & F

Drawing Number

**TZHS
P201**