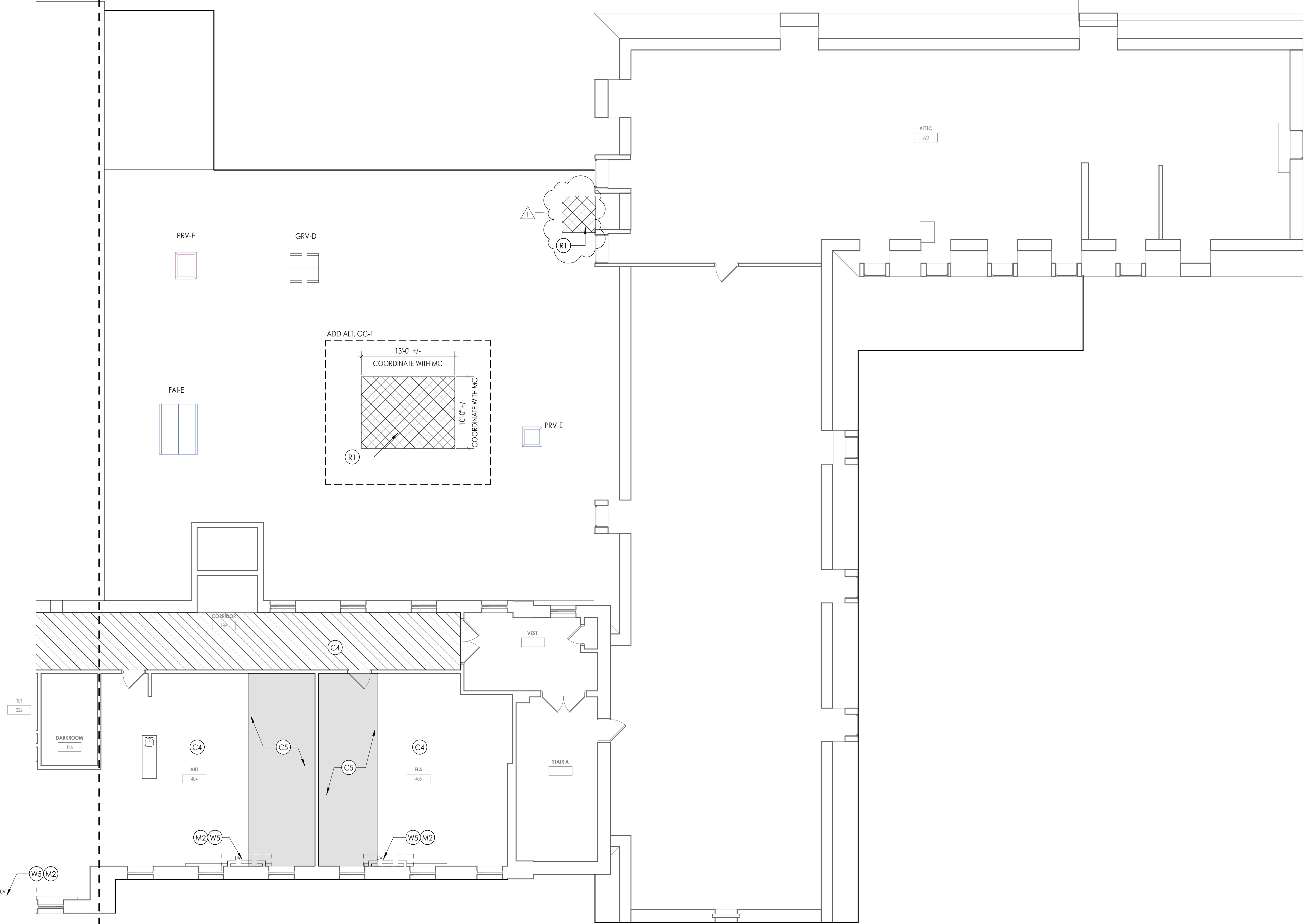


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1  
A103D  
THIRD FLOOR AREA D - DEMOLITION  
1/8" = 1'-0"

ASBESTOS ABATEMENT GENERAL NOTES

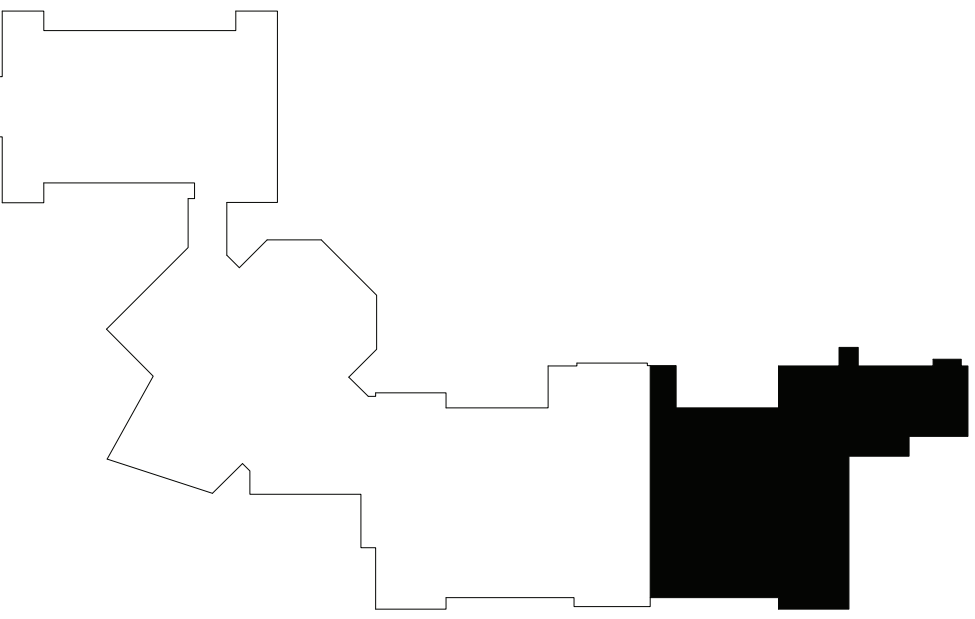
- ALL DRAWINGS ARE A GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF MATERIALS TO BE ABATED. IF THERE ARE ANY DISCREPANCIES WITH WHAT EXISTS TO WHAT IS INDICATED ON THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL REPORT SAID DISCREPANCIES TO THE ARCHITECT PRIOR TO SUBMITTING A BID. THE INTENT OF THIS PROJECT IS TO COMPLETELY REMOVE ASBESTOS CONTAINING MATERIALS INDICATED AND TO PROVIDE A CLEAN ACM FREE WORK AREA POST ABATEMENT.
- ALL ABATEMENT PROCEDURES TO BE IN ACCORDANCE WITH STANDARDS SET FORTH BY NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE S6 AND ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL PATCH TO MATCH ANY DISTURBED AREAS AND FINISHES AS A RESULT OF THEIR ABATEMENT WORK. ANY DAMAGE SHALL BE REPAIRED TO THE OWNER'S AND ARCHITECT'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ASBESTOS DUMPSTER WITH THE OWNER.
- THE CONTRACTOR MAY APPLY FOR PROJECT SPECIFIC VARIANCES. USE OF SUCH VARIANCES ARE SUBJECT TO APPROVAL BY THE OWNER AND ARCHITECT.
- ALL CHALKBOARDS, TACK BOARDS, DRY ERASE BOARDS, ETC. TO BE REMOVED BY ASBESTOS ABATEMENT.

DEMOLITION GENERAL NOTES

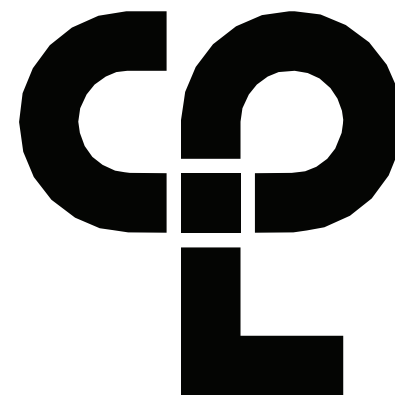
- IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL DETAILS INVOLVED IN THE DEMOLITION CONTRACT. SPECIFIC INSTRUCTION ON EACH ITEM WILL NOT BE GIVEN.
- GC IS RESPONSIBLE FOR KEEPING BUILDING WEATHTIGHT DURING DEMOLITION WORK.
- GC IS TO PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
- GC WILL SALVAGE ANY ITEMS PER OWNERS LIST (BID).
- PC = PLUMBING CONTRACTOR, EC = ELECTRICAL CONTRACTOR, MC = MECHANICAL CONTRACTOR
- PATCH WALLS, FLOORS AND CEILINGS AT ALL WALL REMOVALS, TO MATCH SCHEDULED FINISHES
- WORK AREAS SHALL BE MAINTAINED AND LEFT BROOM CLEANED AT END OF EACH DAY.
- EXISTING BUILDING AND STRUCTURE TO REMAIN EXCEPT AS NOTED.

DEMOLITION KEY NOTES

- (C1) REMOVE EXISTING ACOUSTIC CEILING TILES, GRID, AND SUSPENSION SYSTEM IN ITS ENTIRETY FULL EXTENT OF ROOM. PATCH WALLS AFFECTED BY DEMOLITION.
- (C2) REMOVE EXISTING METAL STUD, GYPSUM WALL BOARD SOFFIT AND ALL ASSOCIATED COMPONENTS IN ITS ENTIRETY.
- (C3) REMOVE EXISTING GYPSUM BOARD CEILING AND ALL ASSOCIATED FRAMING IN ITS ENTIRETY.
- (C4) REMOVE AND SALVAGE 24X24 OR 24X48 ACOUSTIC CEILING TILE. STORE PANELS SAFELY FOR REINSTALLATION IN NEW WORK. REFER TO RCPS. EXISTING GRID AND SUSPENSION SYSTEM TO REMAIN.
- (C5) REMOVE PORTION OF EXISTING CEILING TILES, GRID, AND SUSPENSIONS SYSTEM AT SHADED AREAS INDICATED ON DRAWINGS. SALVAGE EXISTING CEILING TILES FOR REINSTALLATION. PATCH WALLS AFFECTED BY DEMOLITION.
- (D1) REMOVE EXISTING HOLLOW METAL DOOR, FRAME, AND ALL ASSOCIATED HARDWARE IN ITS ENTIRETY.
- (F1) REMOVE EXISTING VCT FLOORING, RUBBER BASE, AND ALL ASSOCIATED TRIM IN ITS ENTIRETY FULL EXTENT OF ROOM. PREPARE SUBSTRATE FOR INSTALLATION OF NEW FINISHES.
- (F2) REMOVE EXISTING CONCRETE RAMP, RAILING, AND ALL ASSOCIATED MOUNTING HARDWARE IN ITS ENTIRETY.
- (F3) REMOVE EXISTING CONCRETE STAIR, RAILING, AND ALL ASSOCIATED MOUNTING HARDWARE IN ITS ENTIRETY.
- (F4) REMOVE EXISTING 4" THICK CONCRETE SLAB, FINISHES, AND ALL ASSOCIATED TRIM IN ITS ENTIRETY. EXCAVATE DOWN TO REQUIRED ELEVATION FOR NEW WORK.
- (F5) REMOVE EXISTING SAFETY PADDING. PREPARE SUBTRATE FOR NEW FINISHES.
- (F6) REMOVED DAMAGED STAIR TREAD.
- (F7) SAW CUT AND REMOVE PORTION OF EXISTING SLAB ON GRADE AND EXCAVATE AS REQUIRED FOR NEW WORK. COORDINATE WORK WITH ALL TRADES.
- (F8) REMOVE EXISTING QUARRY TIL AND MUDESET TO EXTENT SHOWN IN SHADED AREA.
- (F9) REMOVE EXISTING RUBBER BASE. PREPARE SURFACE FOR INSTALLATION OF NEW FINISHES.
- (F10) REMOVE RUBBER STAIR TREAD/RISER AND ALL ASSOCIATED TRIM. PREPARE SUBSTRATE FOR NEW FINISHES.
- (F11) SAW CUT AND REMOVE EXISTING FLOOR SLAB. PROVIDE OPENING SUPPORT PER STRUCTURAL DWGS.
- (M1) REMOVE EXISTING GYPSUM COLUMN WRAP AND ALL ASSOCIATED COMPONENTS. PREPARE FOR NEW FINISHES
- (M2) MC TO REMOVE EXISTING UNIT VENTILATORS. GC TO PATCH INTAKE OPENING AND FINISHES @ WALL/FLOOR PER DETAIL ON A801.
- (M3) REMOVE EXISTING RAILING.
- (M4) REMOVE EXISTING BALLASTED ROOF SYSTEM DOWN TO DECKING. REMOVE EXISTING FLASHING AS NECESSARY FOR INSTALLATION OF NEW ROOF SYSTEM.
- (M5) PC TO REMOVE EXISTING DRINKING FOUNTAIN. PATCH WALL AFFECTED BY DEMOLITION.
- (M6) REMOVE PAPER TOWEL DISPENSER AND TURN OVER TO OWNER.
- (M7) REMOVE AND SALVAGE FOR RE-INSTALLATION EXISTING STEEL WORK SURFACE.
- (M8) REMOVE AND REINSTALL STAINLESS STEEL TRAY SURFACE AS NECESSARY FOR DEMOLITION.
- (M9) REMOVE FLOOR MOUNTED SLEEVES. PATCH HOLE IN CONCRETE FLOOR.
- (M10) MC TO REMOVE EXISTING UNIT VENTILATORS. GC TO MODIFY CASEWORK AS NEEDED TO FACILITATE INSTALLATION OF NEW UNIT.
- (R1) REMOVE EXISTING EPDM ROOF MEMBRANE, COVER BOARD, ROOF INSULATION, AND SUBSTRATE BOARD REQUIRED TO INSTALL NEW ROOF CURB. COORDINATE ROOF DECK REMOVAL WITH STRUCTURAL DRAWINGS. COORDINATE INSTALLATION OF ROOF CURBS WITH MECHANICAL CONTRACTOR.
- (S1) REMOVE EXISTING COLUMN. REFER TO STRUCTURAL DWGS.
- (W1) REMOVE PORTION OF EXISTING CMU WALL PER DETAIL ON A401. SUPPORT REMAINING EXISTING WALL AS REQUIRED. PREPARE AREA FOR NEW WORK.
- (W2) REMOVE PORTION OF EXISTING WALL AS REQUIRED. PREPARE AREA FOR NEW WORK
- (W3) REMOVE EXISTING ALUMINUM STOREFRONT SYSTEM AND ALL RELATED MOUNTING HARDWARE.
- (W4) REMOVE EXISTING 6" CMU WALL IN ITS ENTIRETY. PATCH AND PREP. FOR NEW WORK.
- (W5) REMOVE EXISTING CHASE WALL IN ITS ENTIRETY. PATCH ALL ADJACENT SURFACES AFFECTED BY DEMOLITION.
- (W6) REMOVE PORTION OF EXISTING 8" CMU WALL. PREPARE ADJACENT SURFACES FOR NEW WORK.



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PROJECT INFORMATION

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13940.18  
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NEWBURGH ENLARGED CITY  
SCHOOL DISTRICT

Project Name  
PHASE 3: HERITAGE MIDDLE  
SCHOOL 2019 CAPITAL  
IMPROVEMENT PROJECT

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405 Union Avenue, New Windsor, NY 12553

SED Number  
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PROJECT ISSUE SCHEDULE

No.	Date	Description
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SHEET INFORMATION

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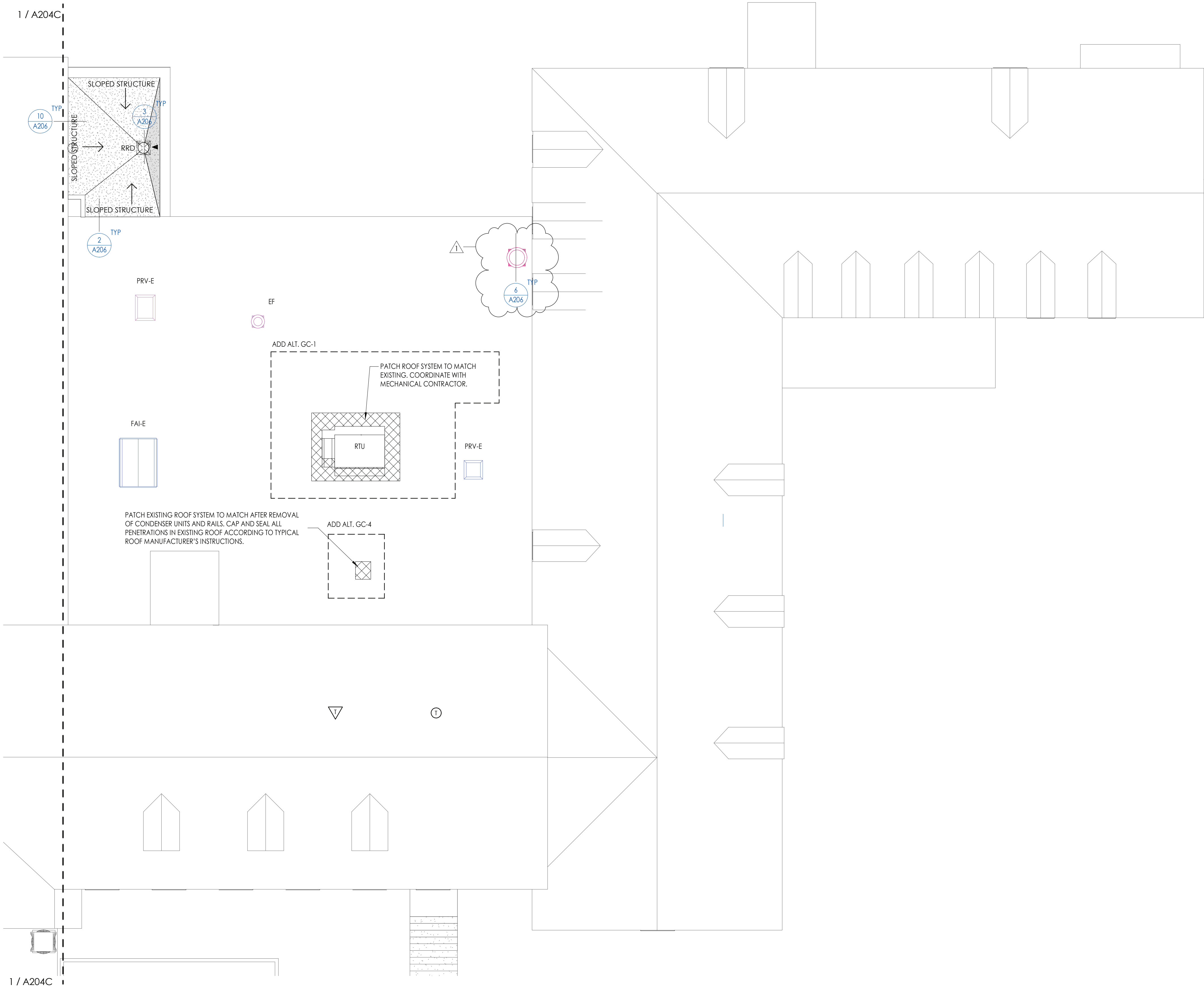
Project Status  
CONSTRUCTION DOCUMENTS

Drawn By  
CPL  
Checked By  
CPL

Drawing Title  
THIRD FLOOR AREA D -  
DEMOLITION PLAN

Drawing Number

HMS  
A103D



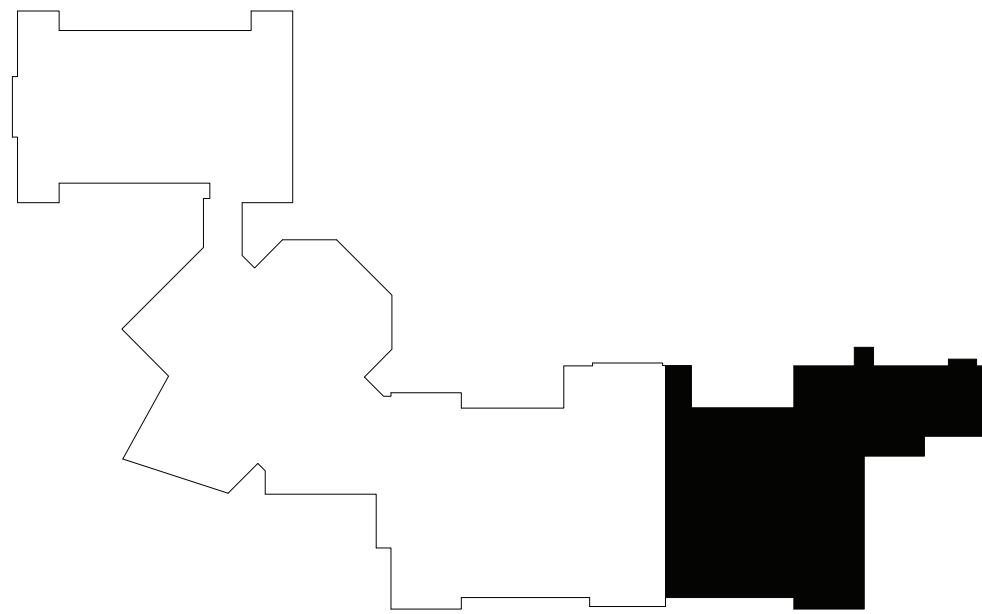
1 / A204D  
1 / 8" = 1'-0"

ROOF PLAN GENERAL NOTES

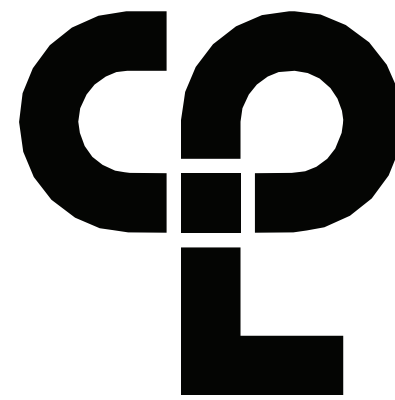
1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK.
2. REFER TO ALL DRAWINGS IN THE SET FOR LOCATIONS OF ALL ROOF PENETRATIONS. PROVIDE FRAMING AS REQUIRED.
3. CONTRACTOR SHALL PAINT ALL ROOF FASTENERS EXPOSED TO VIEW AT UNDERSIDE OF DECK TO MATCH.
4. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE BROOM CLEAN AT THE END OF EACH DAY.
5. ALL WOOD BLOCKING USED SHALL BE PRESSURE TREATED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL ROOF DRAINS AND CUTTING THE HOLES IN THE DECK FOR ANY DRAINS AND PROVIDING STRUCTURAL SUPPORTS.
7. THE ROOF ELEVATIONS SHOWN ON THE PLAN ARE SHOWN TO ESTABLISH RELATIVE HEIGHTS OF THE INDIVIDUAL ROOFS.
8. NO WEEP HOLES SHALL BE COVERED OR PLUGGED AS A RESULT OF THE ROOFING WORK, UNLESS OTHERWISE DIRECTED.
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS AND PROVIDE PROTECTION AT ANY/ALL OPENINGS IN THE ROOF LEFT AT THE END OF EACH DAY.
10. PROVIDE CRICKETS FOR WATER DIVERSION AT ALL CURBS, RAILS, ETC., WHICH RUN PERPENDICULAR TO THE SLOPE OF THE INSULATION/SLOPED STRUCTURE.
11. ALL ROOF TOP UNITS SHALL BE MOUNTED ON 1/2" MIN. INSULATED METAL CURBS. PROVIDE TAPERED INSULATION CRICKETS AS REQUIRED TO SHED WATER. WOOD BLOCKING SHALL BE PROVIDED SO CURBS ARE 8" ABOVE FINISHED ROOF SURFACE.
12. THE MINIMUM INSULATION THICKNESS SHALL BE 5.5". SLOPE OF TAPERED INSULATION TO BE A MINIMUM OF 1/4" PER FOOT FOR NEW CONSTRUCTION AND 1/8" PER FOOT OVER EXISTING STRUCTURE.

ROOF PLAN LEGEND

- |  |              |   |
|--|--------------|---|
|  | RD           | ROOF DRAIN W/ SECONDARY   |
|  | H.P. XX"     | SLOPED INSULATION HIGH POINT (MIN. 5 1/2")                                |
|  |              | SLOPED INSULATION ROOF CRICKET. PROVIDE 1/2" / 1'-0" POSITIVE DRAINAGE    |
|  |              | MECH. CURB (W/ CRICKET), PROVIDE FLASHING PER ROOF MANUFACTURER'S DETAILS |
|  | 1/4" / 1'-0" | ROOF SLOPE  |
|  |              | 2'-0" x 2'-0" ROOF MEMBRANE WALKWAY SYSTEM                                |
|  |              | NEW EPDM ROOF SYSTEM AS SPECIFIED   |



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9/9/2021	As indicated

Project Status

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Drawn By	Checked By
CPL	CPL

Drawing Title

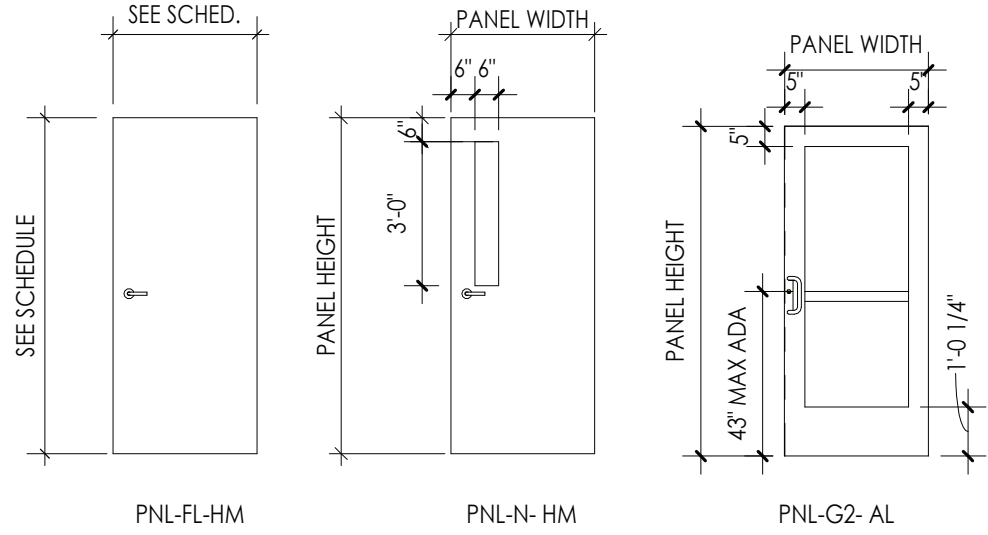
ROOF PLAN AREA D

Drawing Number

HMS  
A204D

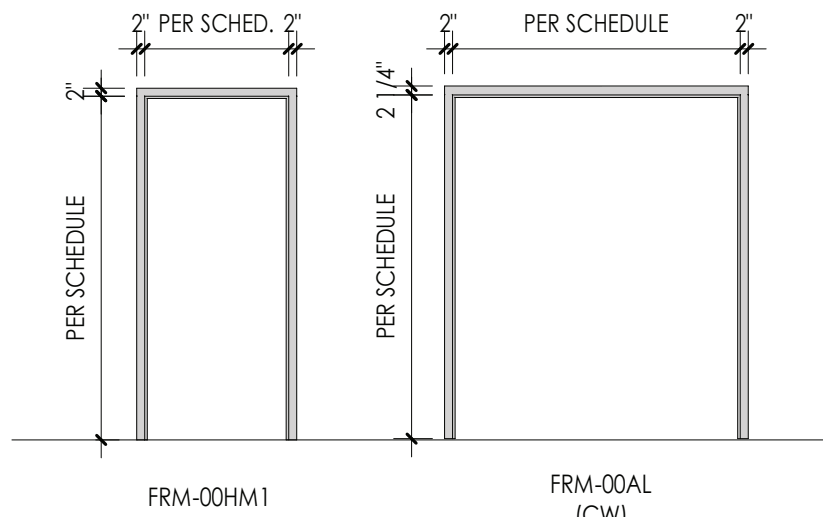


DOOR SCHEDULE.																				
DOOR		DOOR PANELS DOOR TYPE	FRAME PANELS OPENING WIDTH	FRAME PANELS OPENING HEIGHT	DOOR PANELS			DOOR FRAME			DEPTH	DOOR FRAME			HEAD	JAMB	SILL	HW SET	DOOR GLAZING TYPE	COMMENTS
NUMBER	FIRE RATING (MIN)				THICKNESS	UNDERCUT	FINISH 1	TYPE	JAMB WIDTH	HEAD HEIGHT		FINISH 1								
50-1	90	PNL-FL-HM	3'-0"	7'-0"	0'-1 3/4"	0'-0 3/4"	PTD		FRM-00HM1	0'-2"	0'-2"	0'-5 7/8"	PTD		6	3	1		SEE SPEC.	
44B-1	-	PNL-FL-HM	3'-0"	7'-2"	0'-1 3/4"	0'-0 3/4"	PTD		FRM-00HM1	0'-2"	0'-2"	0'-7 5/8"	PTD		5	2	1		SEE SPEC.	
44B-2	-	PNL-N-HM	3'-0"	7'-2"	0'-1 3/4"	0'-0 3/4"	PTD		FRM-00HM1	0'-2"	0'-2"	0'-7 5/8"	PTD		5	2	1		SEE SPEC.	G2
44BA-1	-	PNL-G2-AL	6'-0"	7'-0"	0'-2"	0'-0 3/4"	Clear Anodize		FRM-00AL(CW)	0'-2"	0'-2"	0'-4 1/2"	Clear Anodize		9	8 & 4	7		SEE SPEC.	G1
44BA-2	-	PNL-G2-AL	6'-0"	7'-0"	0'-2"	0'-0 3/4"	Clear Anodize		FRM-00AL(CW)	0'-2"	0'-2"	0'-4 1/2"	Clear Anodize		9	8 & 4	7		SEE SPEC.	G1



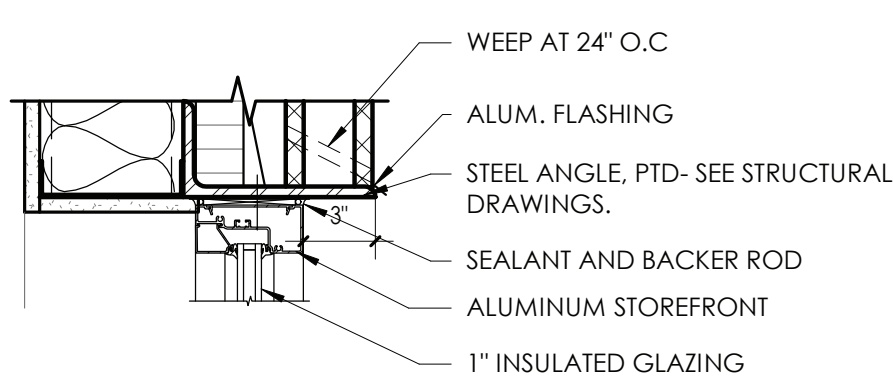
### DOOR TYPES

1/4" = 1'-0"



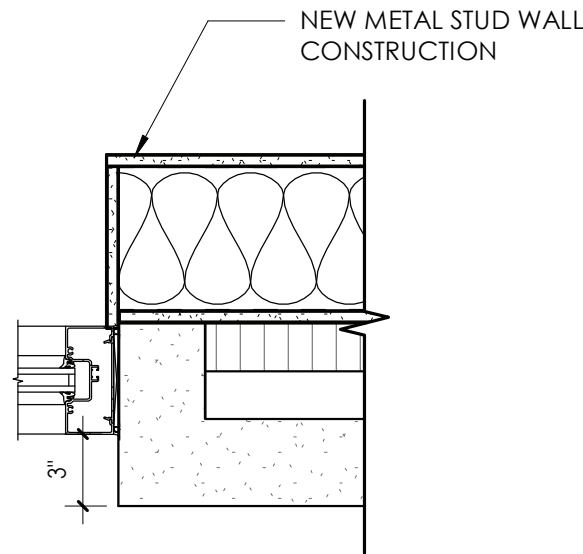
### DOOR FRAME TYPES

1/4" = 1'-0"



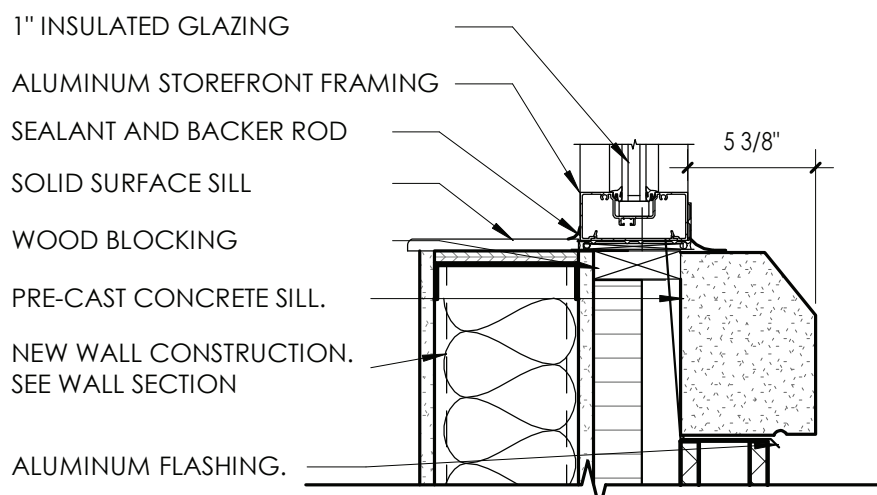
### 12. STOREFRONT WINDOW HEAD DETAIL

A900 1 1/2" = 1'-0"



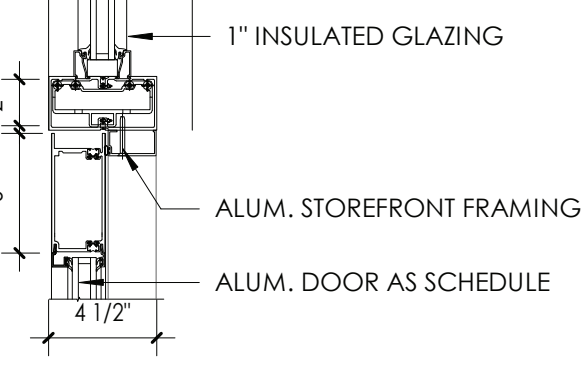
### 11 STOREFRONT WINDOW JAMB DETAIL

A900 1 1/2" = 1'-0"



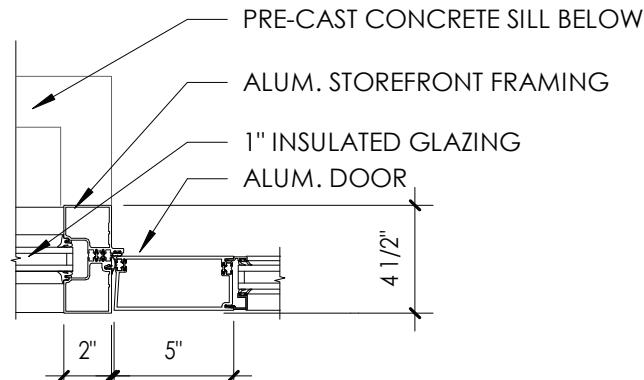
### 10 STOREFRONT WINDOW SILL DETAIL

A900 1 1/2" = 1'-0"



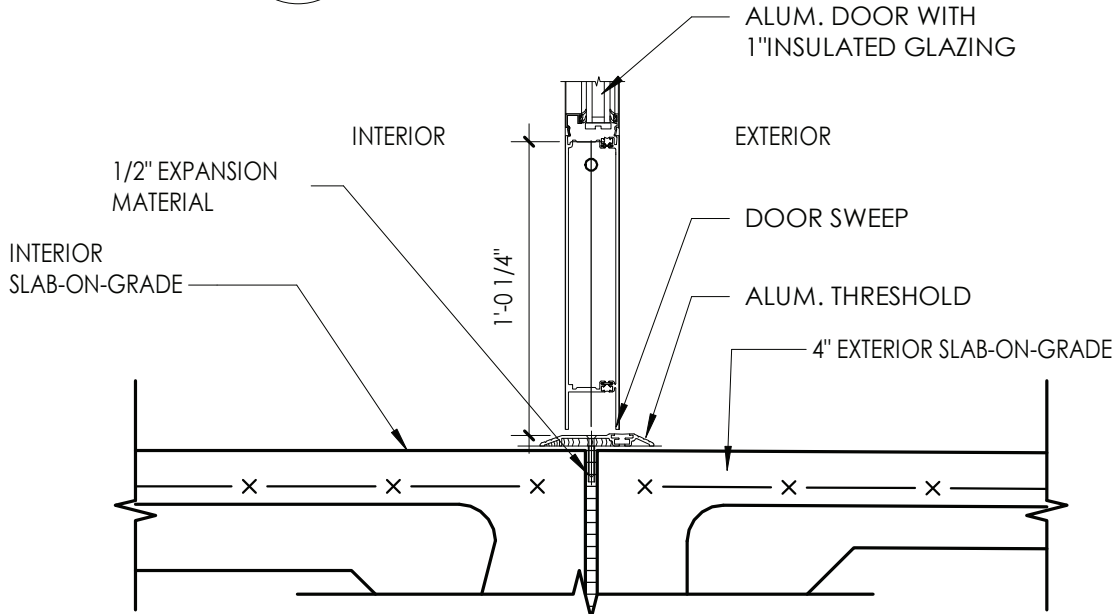
### 9 ALUM. DOOR HEAD

A900 1 1/2" = 1'-0"



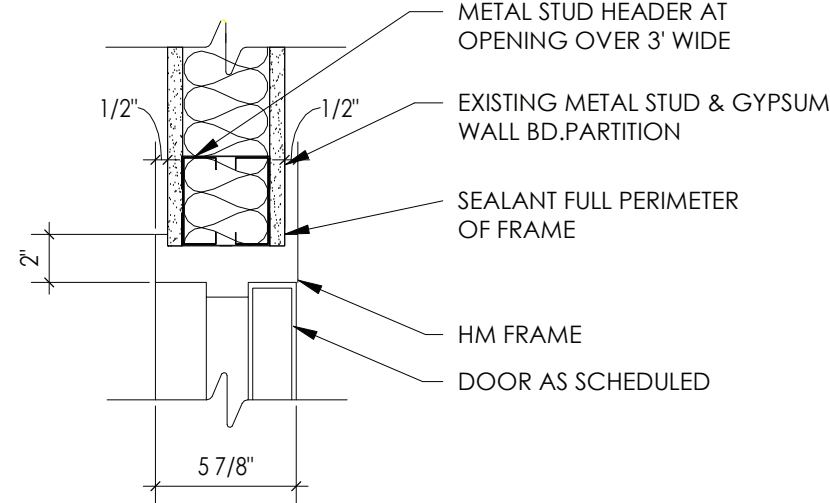
### 8 ALUM. DOOR JAMB DETAIL

A900 1 1/2" = 1'-0"



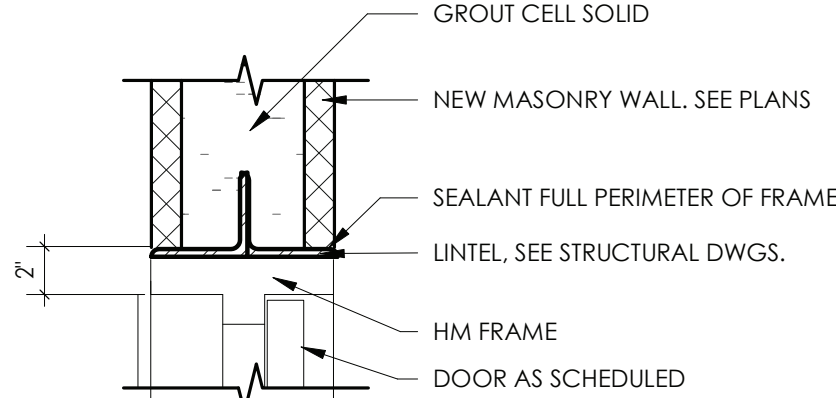
### 7 ALUM. DOOR SILL DETAIL

A900 1 1/2" = 1'-0"



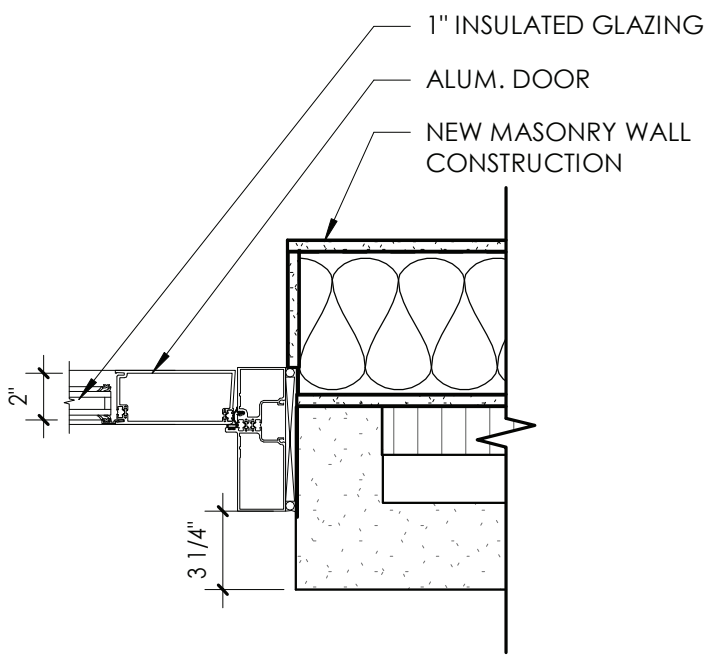
### 6 HEAD DETAIL

A900 1 1/2" = 1'-0"



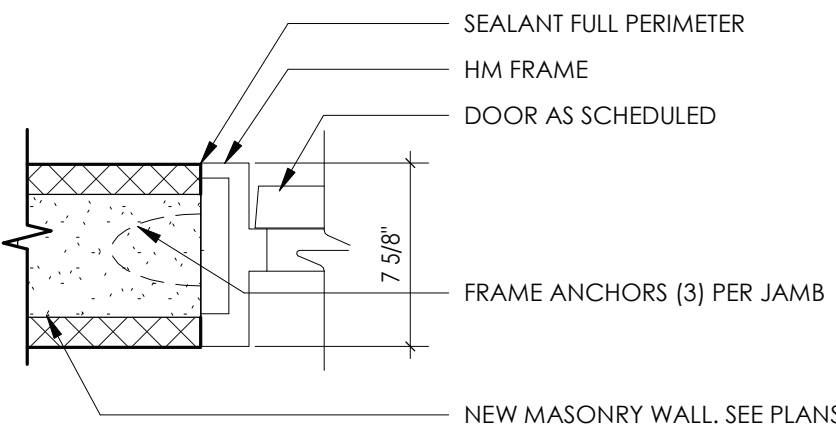
### 5 HEAD DETAIL CMU

A900 1 1/2" = 1'-0"



### 4 ALUM. DOOR JAMB DETAIL AT CMU WALL

A900 1 1/2" = 1'-0"



### 2 JAMB DETAIL CMU

A900 1 1/2" = 1'-0"

### DOOR AND FRAME NOTES

1. REFER TO A900S FOR DOOR & FRAME SCHEDULE
2. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT, INTERIOR AND EXTERIOR
3. ALL DOOR AND WINDOW DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION
4. SEE SCHEDULE FOR DOOR & FRAME MATERIAL

### WINDOW GENERAL NOTES

1. COORDINATE ALL FRAME SIZES, TRIM EXTRUSIONS AND SILLS WITH WALL SECTIONS AND DETAILS
2. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT, INTERIOR AND EXTERIOR
3. ALL DOOR AND WINDOW DIMENSIONS ARE TO BE VERIFIED IN FIELD PRIOR TO FABRICATION
4. REFER TO DIMENSION PLANS AND WALL SECTIONS FOR MULLION LAYOUT DIMENSIONS.
5. REFER TO EXTERIOR ELEVATIONS FOR GLASS, SPANDREL AND METAL PANEL LOCATIONS.
6. SYSTEM TYPE DESIGNATIONS ARE:
  - AC - APPLIED MULLION CURTAIN WALL WINDOW SYSTEM.
  - AW - INTERIOR ALUMINUM WINDOW SYSTEM
  - CW - CURTAIN WALL WINDOW SYSTEM
  - HM - HOLLOW METAL WINDOW SYSTEM
  - RA - RATED ALUMINUM WINDOW SYSTEM
  - SS - STAINLESS STEEL FRAMELESS GLASS WINDOW SYSTEM
  - SF - STOREFRONT WINDOW SYSTEM
7. OPENING MARK DESIGNATION PROVIDED FOR COORDINATION OF SHOP DRAWING SUBMITTALS.

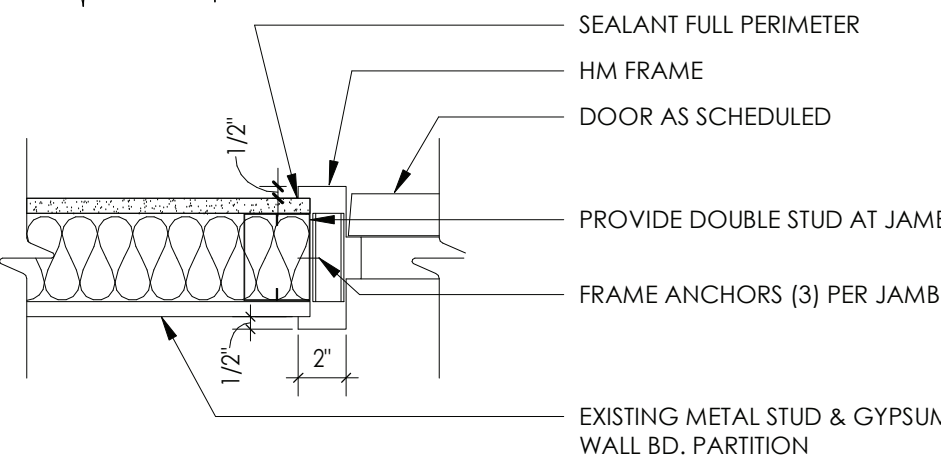
### DOOR AND FRAME SCHEDULE LEGEND

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

DOOR OR FRAME MATERIAL		DOOR OR FRAME FINISH	
ACR	ACROVYN DOOR	PTD	PAINT
ACR-L	ACROVYN LEAD LINED DOOR	PTM	PAINT TO MATCH EXISTING
ALUM	ALUMINUM	ST	WOOD STAIN
HM	HOLLOW METAL	DB	DARK BRONZE(ANODIZED)
HM-L	HOLLOW METAL LEAD LINED	SS	STAINLESS STEEL
IHM	INSULATED HOLLOW METAL	BE	BAKED ENAMEL
WD	WOOD		
WD-L	WOOD LEAD LINED		

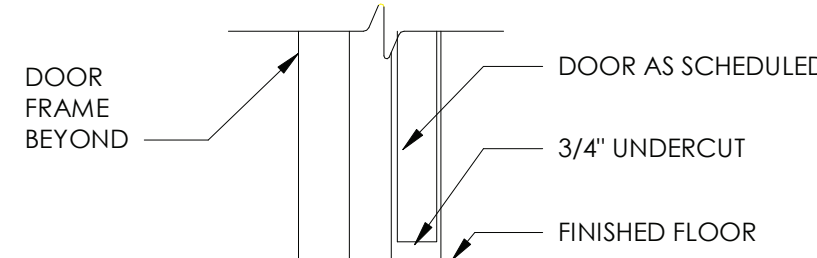
### GLAZING TYPES

TYPE MARK	GLAZING DESCRIPTION
G1	1" INSULATED LOW-E GLAZING
G2	MONOLITHIC SAFETY GLAZING



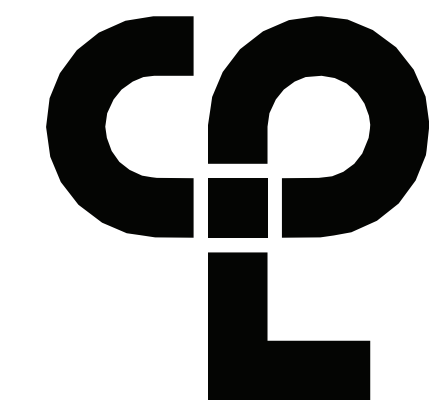
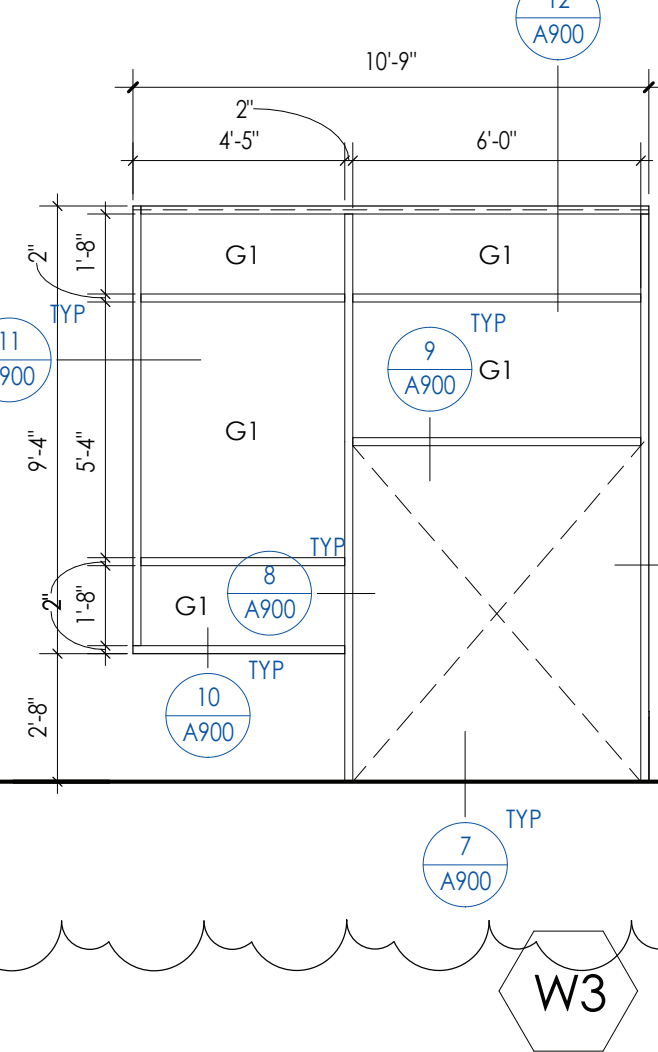
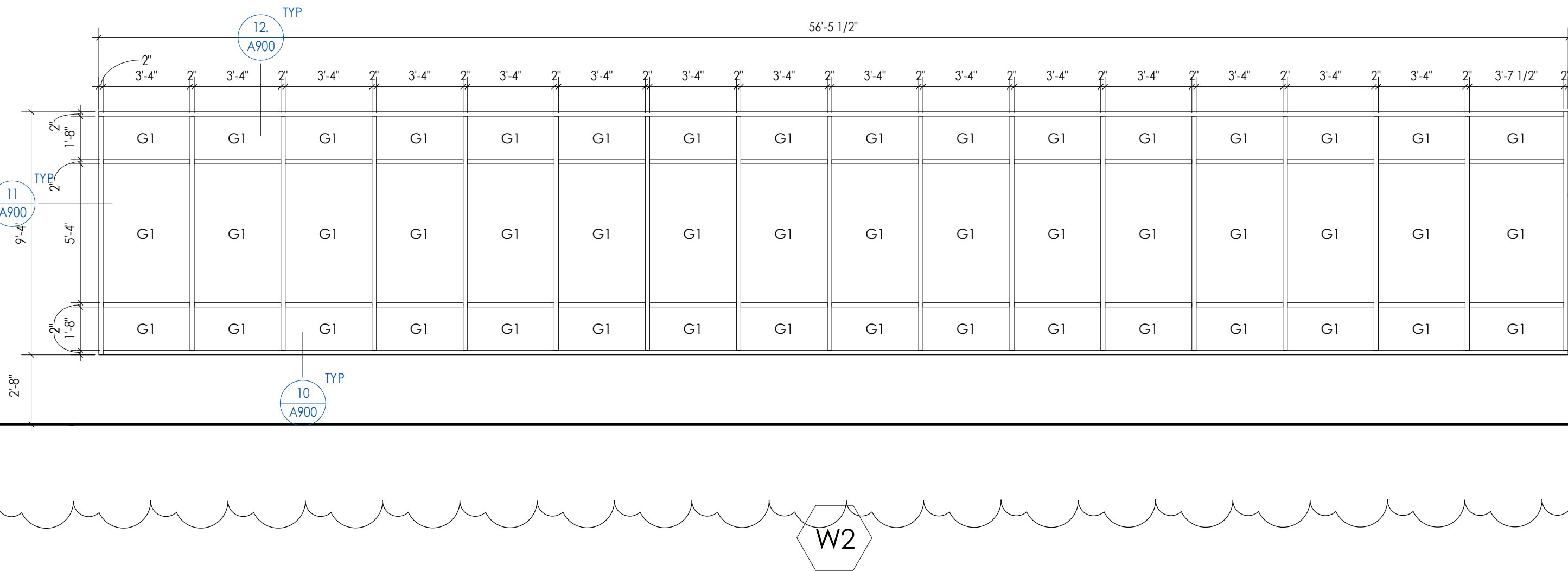
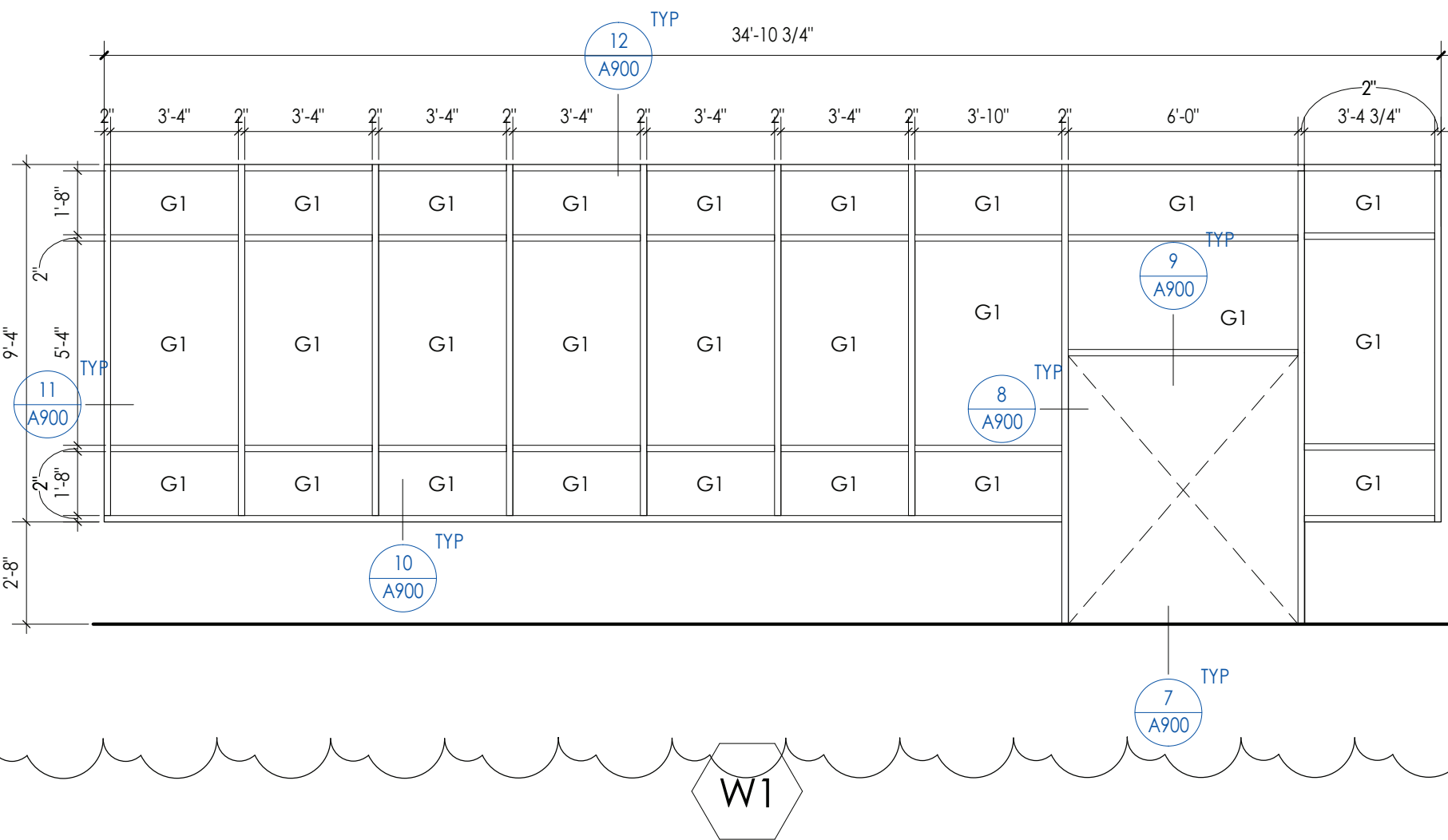
### 3 JAMB DETAIL

A900 1 1/2" = 1'-0"



### 1 TYP. SILL DETAIL

A900 1 1/2" = 1'-0"



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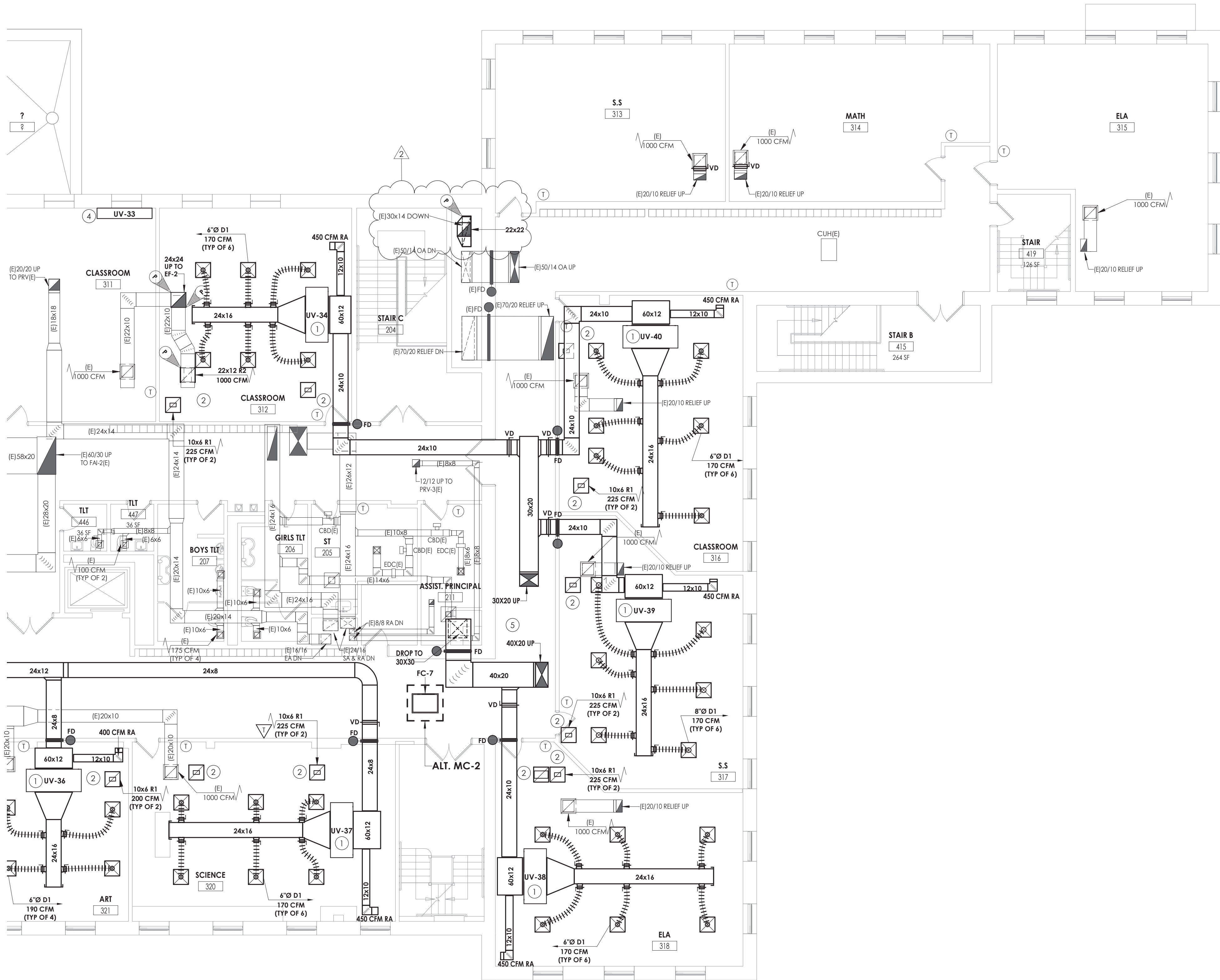
Issued 9/9/2021 Scale As indicated  
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Drawn By Checked By  
CPL  
Drawing Title

DOOR PANELS, FRAME TYPES &  
SCHEDULES

Drawing Number

HMS  
A900





1  
H202D  
SECOND FLOOR HVAC DUCTWORK PLAN - AREA D  
1/8" = 1'-0"

#### KEY NOTES

- 1 MOUNT UNIT VENTILATOR ABOVE CEILING. COORDINATE WITH ANY CEILING UTILITIES. MAINTAIN ACCESS FOR FILTER CHANGES. ALL SUPPLY AND RETURN DUCTWORK SHALL BE UNED. EXTEND EXISTING CONTROLS TO NEW UNIT LOCATION.
- 2 PLENUM RETURN.
- 3 DUCTWORK LOCATED IN ATTIC SPACE.
- 4 PROVIDE NEW UNIT VENTILATOR IN EXISTING LOCATION. EXTEND EXISTING UTILITIES TO NEW UNIT. COORDINATE NEW INSTALLATION WITH EXISTING CABINETS.
- 5 REROUTE EXISTING DUCTWORK AS NEEDED TO ACCOMMODATE NEW INSTALLATION.

**CPL | Architecture Engineering Planning**  
50 FRONT ST. SUITE 202  
NEWBURGH, NY 12550  
CPLteam.com

#### PROJECT INFORMATION

Project Number  
13940.18  
Client Name

**NEWBURGH ENLARGED CITY  
SCHOOL DISTRICT**

Project Name  
**PHASE 3: HERITAGE MIDDLE  
SCHOOL 2019 CAPITAL  
IMPROVEMENT PROJECT**

Project Address  
405 Union Avenue, New Windsor, NY 12553

SED Number  
44-16-00-01-0-039-011

#### PROJECT ISSUE SCHEDULE

No.	Date	Description
2	9/23/21	BID ADDENDUM #2

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED. THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR 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

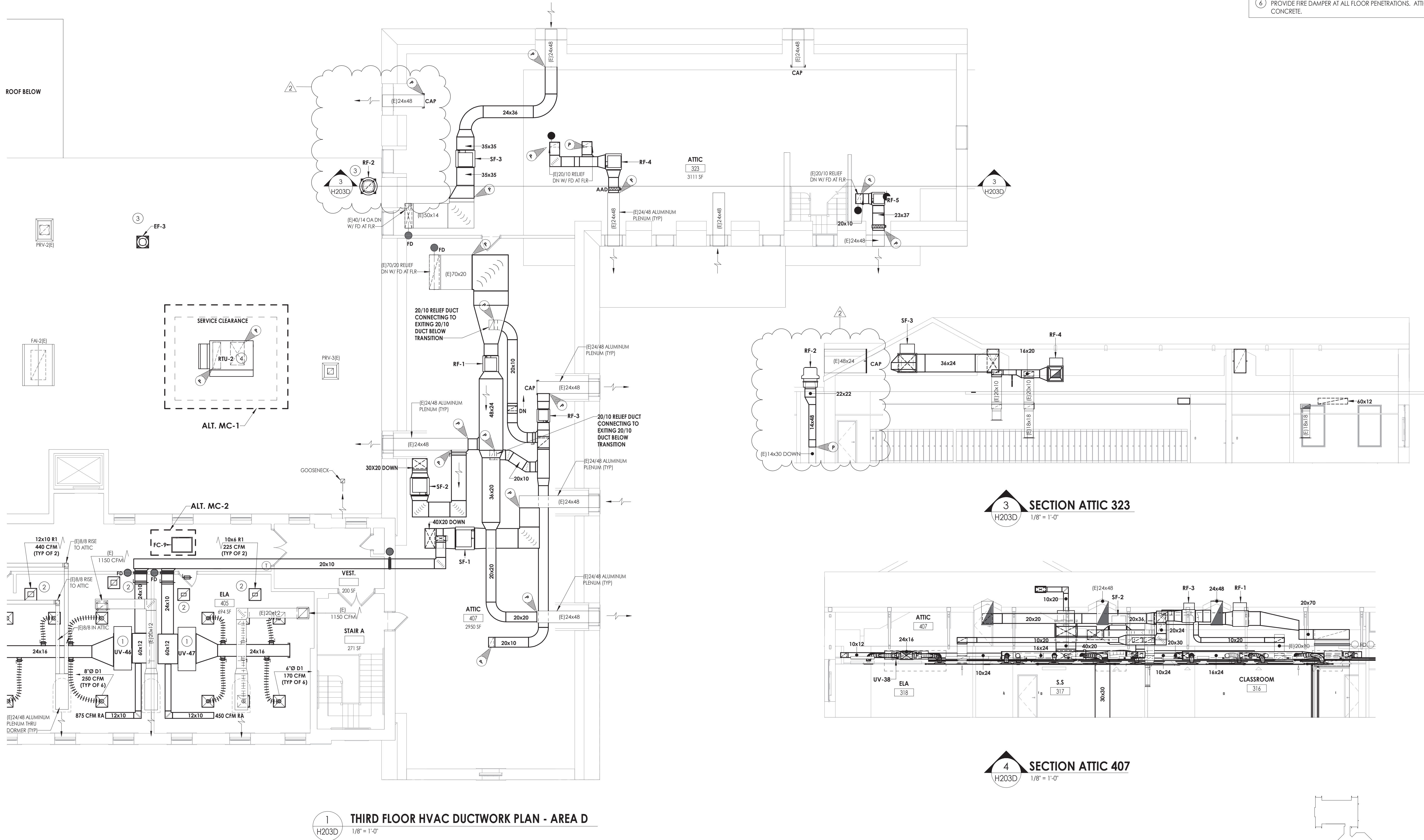
Issued	Scale
09/09/2021	As indicated
Project Status	
CONSTRUCTION DOCUMENTS	
Drawn By	Checked By
NRH	JJM
Drawing Title	
SECOND FLOOR HVAC DUCTWORK PLAN - AREA D	

Drawing Number

HMS  
H202D

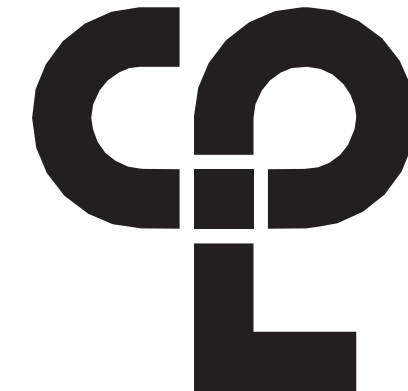


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KEY NOTES

- 1 MOUNT UNIT VENTILATOR ABOVE CEILING. COORDINATE WITH ANY CEILING UTILITIES. MAINTAIN ACCESS FOR FILTER CHANGES. ALL SUPPLY AND RETURN DUCTWORK SHALL BE LINED. EXTEND EXISTING CONTROLS TO NEW UNIT LOCATION.
- 2 PLENUM RETURN.
- 3 EXHAUST FANS SHALL BE PROVIDED WITH NEW CURB. CONNECT TO EXISTING DUCT RISERS.
- 4 ROOFTOP UNIT SHALL BE PROVIDED WITH A NEW CURB. CONNECT TO EXISTING DUCT RISER.
- 5 UNIT VENTILATORS SHALL BE INSTALLED IN ATTIC SPACE. EACH DROP THROUGH CONCRETE FLOOR SHALL BE PROVIDED WITH NEW FIRE DAMPER.
- 6 PROVIDE FIRE DAMPER AT ALL FLOOR PENETRATIONS. ATTIC FLOOR IS CONCRETE.



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SHEET INFORMATION

Issued  
09/09/2021  
Project Status  
CONSTRUCTION DOCUMENTS  
Drawn By  
NRH  
Drawing Title  
THIRD FLOOR HVAC DUCTWORK  
PLAN - AREA D

Drawing Number

HMS  
H203D





ROOF TOP ENERGY RECOVERY UNIT																													
MARK	LOCATION	AREA SERVED	SA (CFM)	EA (CFM)	RA (CFM)	COOLING COIL					SUPPLY FAN					EXHAUST FAN					TOTAL MBH SAVED SUMMER	TOTAL MBH SAVED WINTER	OPERATING WEIGHT (LBS)	FILTERS	ELECTRICAL REQUIREMENTS			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
						TOTAL MBH	SENS MBH	EAT	LAT	AMB	FAN TYPE	E.S.P. (IN. WC)	RPM	BHP	HP	FAN TYPE	E.S.P. (IN. WC)	RPM	BHP	HP					V/Ø/HZ	FLA	MCA		
RTU-4	CAFÉ ROOF	CAFETERIA	9100	6000	6000	486	320	79.7	54.07	75	PLENUM	1	1760	11.89	15	PLENUM	0.5	1760	9.39	10	183	511	3780	MERV 13	208/360	195	207	AAON RN-Q25-8-0-EB09-EJK	1,2,3,4
<div>REMARKS:</div> <div>1. FACTORY MOUNTED AND WIRED DISCONNECT. 115V CONVENIENCE OUTLET, FACTORY WIRED. CLOGGED FILTER SWITCH.</div> <div>2. ECM CONDENSER FAN, HEAT PRESSURE CONTROL WITH SIGHT GLASS. REMOTE SAFETY SHUTDOWN TERMINAL.</div> <div>3. TERMINAL STRIP FOR BMS CONTROL OF FAN AND DAMPERS. COMPATIBLE WITH JOHNSON CONTROLS FACILITY EXPLORER.</div> <div>4. DOUBLE WALL, R-13 FOAM INSULATION. STAINLESS STEEL DRAIN PAN.</div>																													

AIR SEPARATOR SCHEDULE									
MARK	LOCATION	SERVED	GPM	WEIGHT (LBS)	DIA. (IN.)	LNG. (IN.)	STRAINER SQ. IN. FA	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
AS-1	CHILLER PUMP ROOM	CHILLED WATER	300	579	18	44	6	B&G R-6F	
REMARKS: 1. 30% PROPYLENE GLYCOL.									

PUMP SCHEDULE									
MARK	LOCATION	SERVICE	GPM	HD (FT.)	HP	VOLTS	PH	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
P-1	STORAGE	CHILLED WATER	300	80	15	208	3	B&G E-1510 3BD	1,2,3
P-2	STORAGE	CHILLED WATER	300	80	15	208	3	B&G E-1510 3BD	1,2,3
REMARKS: 1. 30% PROPYLENE GLYCOL. 2. SUCTION DIFFUSER. 3. WALL MOUNTED VFD UNIT DISCONNECT.									

VRF FAN COIL UNITS									
MARK	TOTAL AIRFLOW CFM	NOM.HEATING CAPACITY BTU/HR	NOM.COOLING CAPACITY BTU/HR	WEIGHT (LBS)	POWER (ØV/HZ)	AMPS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:	
SSI-1	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-2	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-3	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-4	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-5	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-6	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-7	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-8	1500	27000	24000	47	1 / 208 / 60	0.28	SAMSUNG - AM024KN4DCH/AA	1,2,3,4,5	
SSI-9	250-430	21500	15000	23.4	1 / 208 / 60		SAMSUNG - AR12T5FABWKNVCV	1,2,3,4,5	
REMARKS: 1. UNIT MOUNTED AND WIRED DISCONNECT. 2. BAC NET INTERGRATION TO BMS. JOHNSON CONTROLS FACILITY EXPLORER. 3. COLOR WHITE. 4. DRAIN PAN LEVEL SESORS. 5. CONDENSATE PUMP.									

EXPANSION TANK SCHEDULE									
MARK	LOCATION	SERVED	ACCEPT. GAL.	DIA (IN.)	HEIGHT (IN.)	WEIGHT FULL (LBS.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:	
ET-1	CHILLER PUMP ROOM	CHILLED WATER	79	20	58	992	TACO CA-300	1,2	
REMARKS: 1. REMOVABLE BLADDER TYPE. 2. CHARGE TO 12PSI. 3. 30% PROPYLENE GLYCOL.									

FIN TUBE SCHEDULE											
MARK	BTU/FT.	GPM	TUBE SIZE (IN.)	FINS / FT.	EWT (°F)	EAT (°F)	ENCLOSURE		TYPICAL UNIT MFG & MODEL NO.	REMARKS:	
							H (IN.)	STYLE			
FT-1	720	5	3/4	40	180	65	10-3/4	6-1/16	PEDESTAL	STERLING JVB	1,2,3,4
REMARKS: 1. CONTROL VALVES ABOVE THE CEILING. 2. COLOR BY ARCHITECT. 3. ELEMENT LENGTH LISTED ON PLANS. CAT - 66289C RETURN 4. COORDINATE HEIGHT WITH ELECTRICAL DEVICES.											

CHILLER SCHEDULE															
MARK	NOMINAL CAPACITY (TONS)	% PROP GLYCOL	CHILLED WATER				REFRIGERANT		ELECTRICAL DATA			WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS	
			FLOW (GPM)	DELTA P (FT)	IP/LV	EWT (°F)	LWT (°F)	REF. TYPE.	CHARGE (LB)	VOLTS/Ø	MCA				MOP
CH-1	180	30	270	17.42	20.516	56.97	42.00	134A	420.00	230/3	654	800	15700	TRANE-ACRB1805B	1,2,3,4
REMARKS: 1. FACTORY MOUNTED AND WIRED DISCONNECT. 2. THE SCHEDULED REFRIGERANT CHARGE IS A MANUFACTURERS ESTIMATE. COORDINATE THE CORRECT CHARGE BASED ON FIELD CONDITIONS. 3. FIVE YEAR COMPRESSOR WARRANTY. 4. HEAT TRACED EVAPORATOR BARREL AND EXTERIOR PIPING. HEAT TRACE SHALL BE ON SEPARATE 120V/20AMP CIRCUIT.															

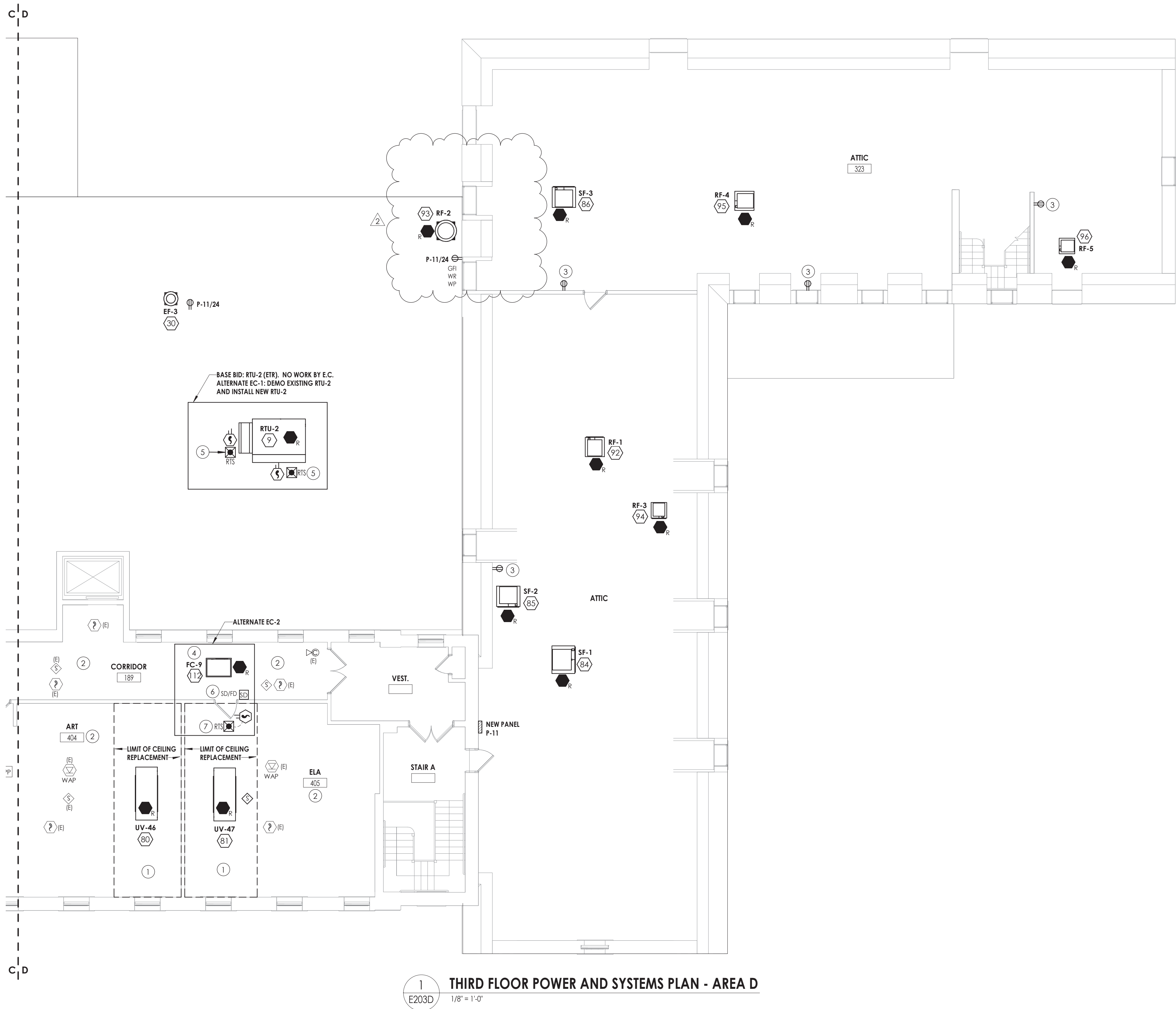
FAN COIL UNIT SCHEDULE																
MARK	TYPE	LOCATION	MAX CFM	COOLING			HEATING					ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
				MBH	GPM	WPD	MBH	EWT (°F)	WATER ΔT	GPM	WPD-FT-WC	WATTS	VOLTS	PHASE		
FC-1	DUCTED	159 CUSTODIAN	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-2	CEILING RECESSED	GROUND FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4
FC-3	CEILING RECESSED		1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-4	CEILING RECESSED	1ST FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-5	CEILING RECESSED	1ST FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-6	CEILING RECESSED	2ND FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-7	CEILING RECESSED	2ND FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-8	CEILING RECESSED	1ST FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-9	CEILING RECESSED	3RD FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
FC-10	DUCTED	105B SCHOOL PSYCHOLOGIST	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4
FC-11	CEILING RECESSED	3RD FLOOR HALL	1020	20	5	3.1	42	180	160	4.5	5.6	150	115	60	AIRTHERM 101-1	1,2,3,4,5
REMARKS:	1. FACTORY MOUNTED AND WIRED DISCONNECT. 2. PROVIDE WITH 1" MERV 7 FILTERS. 3. 30% PROPYLENE GLYCOL COOLING COIL. 4. CONDENSATE PUMP. 5. ALTERNATE NO. MC-2															

AIR HANDLING UNIT SCHEDULE																					
MARK	ROOM SERVED	CFM	MIN. OA CFM	EXT. SP W.C.	COOLING MBH					HOT WATER HEATING COIL DATA					SUPPLY FAN MOTOR DATA					TYPICAL UNIT MFG & MODEL NO.	REMARKS:
					TOTAL	SENS	ROWS	EAT °F DBWB	LAT °F DBWB	MBH	EWT	LWT	EAT °F	LAT °F	GPM	WPD FT-W.C.	BHP/HP	RPM	VOLTS/Ø		
AHU-1	GYM	3500	750	1.5	145	102	4	83.2/68.8	57.9/56	204	180	138	58.7/55.6	111.5/72.7	10	0.7	3.3/4	1935	208/3/60	AAON: H3-DRB-8-0-162D-12F	1,2,3,4,5
AHU-2	GYM	3500	750	1.5	145	102	4	83.2/68.8	57.9/56	204	180	138	58.7/55.6	111.5/72.7	10	0.7	3.3/4	1935	208/3/60	AAON: H3-DRB-8-0-162D-12F	1,2,3,4,5
AHU-3	GYM	3500	750	1.5	145	102	4	83.2/68.8	57.9/56	204	180	138	58.7/55.6	111.5/72.7	10	0.7	3.3/4	1935	208/3/60	AAON: H3-DRB-8-0-162D-12F	1,2,3,4
AHU-4	GYM	3500	750	1.5	145	102	4	83.2/68.8	57.9/56	204	180	138	58.7/55.6	111.5/72.7	10	0.7	3.3/4	1935	208/3/60	AAON: H3-DRB-8-0-162D-12F	1,2,3,4
AHU-5	KITCHEN	2600	500	1	98.3	70.57	6	80/67	56.1/44.7	128.7	180	127	60.4/56.6	105.4/71.3	5	0.3	1.68/4	1552	208/3/60	AAON:H3-CRB-8-0-162C-12F	1,2,3,4,5
AHU-6	MUSIC	4200	1500	1.2	185.6	129.7	6	85.4/70.2	57.8/56.3	266.4	180	122.3	47.9/47.9	104.2/68.5	9.5	0.7	3.12/4	1901	208/3/60	AAON: H3-DRB-8-0-162C-12F	1,2,3,4,5
REMARKS: 1. FACTORY MOUNTED AND WIRED DISCONNECT. ALL UNITS SHALL BE SINGLE POINT CONNECTION. 2. DAMPER ACTUATORS BY MANUFACTURER. FULLY MODULATING ACCUATORS. MERV 13 FILTERS. MAGNEHELIC HAUGE CLOG FILTER SWITCH. THERMAL EXPANSION VALVES. 3. CONNECT TO EXISTING JOHNSON CONTROLS, FACILITY EXPLORER. 4. VIBRATION ISOLATION. 5. CONTROLS RELOCATED BY OTHERS FROM EXISTING UNIT.																					

HOT WATER COIL SCHEDULE															
MARK	SERVICE	CFM	AIR DATA			MAX APD (IN. WC)	MIN. MBH	GPM	WATER DATA			MFG SIZE HXL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
			TEMP (°F)	ENT	LVG				TEMP (°F)	ENT	LVG				
HC-1	SF-9	2250	-2	70	0.76	174.960	18.8	180	160	3.8	15X22	2		CAPITAL COIL W8-2215-12B-HCA-R	1,2
HC-2	RTU-4	9100	-2	70	0.56	707.616	70.8	180	160	4.5	46X30	4		CAPITAL COIL	1
REMARKS: 1. TUBE ØØ 0-625, 7 TUBE SPACING 1.50X1.299 2. ALTERNATE MC-05.															

FAN SCHEDULE												
MARK	LOCATION	SERVICE	TYPE	CFM	SP IN W.G.	RPM	ELECTRICAL DATA				TYPICAL UNIT MFG & MODEL NO.	REMARKS:
							HP	VOLTS	PHASE	AMPS		
EF-1	GYM	LOCKER ROOM EXHAUST	CENTRIFUGAL	1500	0.75	1457	.25	115	1	3.8	GREENHECK G-100-VG	1,2,4
EF-2	GYM	LOCKER ROOM EXHAUST	CENTRIFUGAL	1500	0.75	1457	.25	115	1	3.8	GREENHECK G-100-VG	1,2,4
EF-3	ROOF	CLASSROOM EXHAUST	CENTRIFUGAL	2000	0.5	948	1/2	208	1	5.4	GREENHECK GB-161	1,2
EF-4	ROOF	MUSIC ROOM	CENTRIFUGAL	1400	1	1725	1/2	208	1	5.4	GREENHECK G-123-A	1,2
EF-5	ROOF	CLASSROOM EXHAUST	CENTRIFUGAL	1250	1	1725	1/2	208	1	4.9	GREENHECK G-123-1	1,2
EF-6	ROOF	CLASSROOM EXHAUST	CENTRIFUGAL	4500	1	1102	2	208	1	12	GREENHECK G-200	1,2
SF-1	ATTIC	CLASSROOM OA	INLINE	10000	1.5	824	5	208	3	16.7	GREENHECK BSQ-300	1
SF-2	ATTIC	CLASSROOM OA	INLINE	3750	0.4	539	1/2	208	3	2.4	GREENHECK BSQ-240	1
SF-3	ATTIC	CLASSROOM OA	INLINE	8750	1.5	1147	5	208	3	16.7	GREENHECK BSQ-240	1
SF-4	-	-	-	-	-	-	-	-	-	-	NOT USED	-
SF-5	-	-	-	-	-	-	-	-	-	-	NOT USED	-
SF-6	ATTIC	CLASSROOM OA	INLINE	7000	0.75	875	2	208	3	7.5	GREENHECK BSQ-240	1
SF-7	ATTIC	CLASSROOM OA	INLINE	7500	1	964	3	208	3	10.6	GREENHECK BSQ-240	1
SF-8	ATTIC	CLASSROOM OA	INLINE	6750	1.5	1012	5	208	3	16.7	GREENHECK BSQ-240	1
SF-9	TECH	CLASSROOM OA	INLINE	2250	0.5	992	1/2	208	1	5.4	GREENHECK BSQ-160	1,3
RF-1	ATTIC	CLASSROOM EA	INLINE	13750	1.25	875	7-1/2	208	3	24.2	GREENHECK BSQ-360	1
RF-2	ATTIC	CLASSROOM EA	CENTRIFUGAL	3750	0.8	738	1	208	3	4.6	GREENHECK GB-220	1,2
RF-3	ATTIC	CLASSROOM EA	INLINE	3750	0.4	539	1/2	208	3	2.4	GREENHECK BSQ-240	1
RF-4	ATTIC	CLASSROOM EA	INLINE	2500	0.25	585	1/3	208	3	2.4	GREENHECK BSQ-200	1
RF-5	ATTIC	CLASSROOM EA	INLINE	1250	0.25	623	1/4	208	3	2.4	GREENHECK BSQ-160	1
RF-6	ATTIC	CLASSROOM EA	INLINE	6250	0.75	816	2	208	3	7.5	GREENHECK BSQ-240	1
RF-7	ATTIC	CLASSROOM EA	INLINE	4000	1	1038	1-1/2	208	3	6.6	GREENHECK BSQ-200	1
RF-8	ATTIC	CLASSROOM EA	INLINE	7250	1	945	3	208	3	10.6	GREENHECK BSQ-240	1
<div>REMARKS:</div> <div><div>1. FACTORY MOUNTED AND WIRED DISCONNECT.</div><div>2. HINGED BASE AND BIRD SCREEN.</div><div>3. ALTERNATE MC-5.</div><div>4. PROVIDE WITH SLOPPED CURBS.</div></div>												





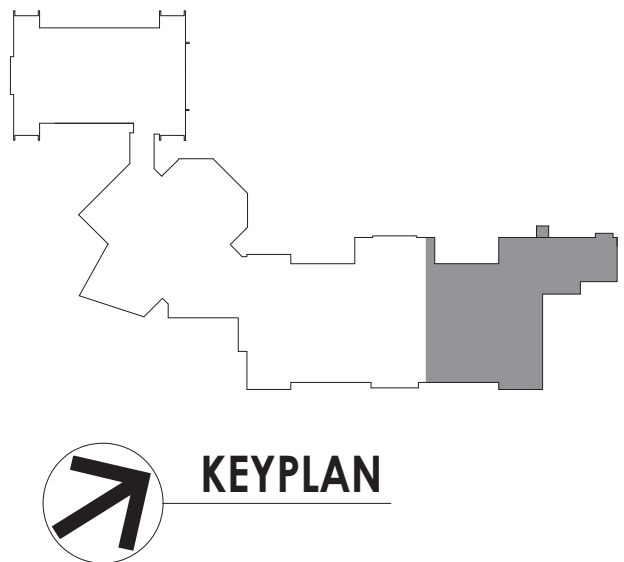
1  
E203D  
THIRD FLOOR POWER AND SYSTEMS PLAN - AREA D  
1/8" = 1'-0"

#### GENERAL NOTES:

- FIXTURES, DEVICES, AND EQUIPMENT LABELED AS "E" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.
- EQUIPMENT DESIGNATED WITH A NUMBER INSIDE OF A HEXAGON ARE SCHEDULED ON DRAWING E900. REFER TO EQUIPMENT WIRING SCHEDULE FOR BREAKER AND CIRCUITING INFORMATION.
- DISCONNECT SWITCHES AND STARTER DEVICES ASSOCIATED WITH HVAC EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR, AND WIRED BY THE ELECTRICAL CONTRACTOR. INCLUDE AN ADDITIONAL 10' OF CIRCUITING IN PRICING FOR INSTANCES WHERE A DISCONNECT MAY NOT BE MOUNTED DIRECTLY ON UNIT. E.C. IS RESPONSIBLE TO WIRE BOTH LINE AND LOAD SIDES OF DISCONNECT.
- UPDATE PANELBOARD DIRECTORIES TO REFLECT CHANGES MADE TO CIRCUITS WITH LOAD(S) AND ROOM(S) SERVED. LABEL ANY UNUSED BREAKER AS SPARE AND TURN TO OFF POSITION.
- FIRE ALARM SCOPE OF THIS PROJECT INCLUDES INSTALLING A NEW SIMPLEX 4100ES PANEL TO SERVE NEW AND RENOVATED AREAS WHILE MAINTAINING EXISTING SIMPLEX 402D PANEL. ALL EXISTING DEVICES REMOVED IN THE DEMOLITION PHASE OF THE PROJECT SHALL BE REMOVED FROM THE SYSTEM PROGRAMMING OF THE 402D PANEL. NEW INITIATION AND NOTIFICATION DEVICES SHOWN SHALL BE CONNECTED TO AND COMPATIBLE WITH THE NEW SIMPLEX 4100ES FIRE ALARM CONTROL PANEL LOCATED IN CUSTODIAN ROOM 50. PROVIDE NEW NOTIFICATION APPLIANCE CIRCUIT PANELS (WITH SMOKE DETECTOR WITHIN 5') WITH BATTERIES WHERE REQUIRED TO ACCOMMODATE NEW NOTIFICATION DEVICES. LOCATE SAID NAC PANEL IN A STORAGE OR ELEC/MECH ROOM, AND WIRE TO NEAREST AVAILABLE PANELBOARD WITH (2) #12, #12 GND, IN 3/4" CONDUIT. FOR PRICING PURPOSES, ASSUME 150' PER CIRCUIT. PROVIDE 20/1 CIRCUIT BREAKER AS REQUIRED.
- FIRE ALARM SPACING SHALL COMPLY WITH NFPA 72 REQUIREMENTS. ALL FIRE ALARM INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.
- THE OPERABLE PART OF PULL STATIONS SHALL BE MOUNTED MORE THAN 3'-6" BUT LESS THAN 4'-0" ABOVE FINISHED FLOOR.
- FOR PUBLIC MODE, WALL MOUNTED VISUALS AND AUDIBLE/VISUALS SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR.
- THE MINIMUM REQUIRED CANDELA LEVEL IS INDICATED ADJACENT TO NEW VISUAL DEVICES. IF NOT INDICATED, MINIMUM ALLOWABLE SETTING IS 15 CANDELA.
- ACTIVATION OF BUILDING FIRE ALARM SYSTEM SHALL AUTOMATICALLY SHUT DOWN ALL FANS ASSOCIATED WITH HVAC UNITS IN THE BUILDING AS REQUIRED BY LOCAL, STATE, AND NATIONAL CODES. PROVIDE FIRE ALARM SHUT DOWN RELAYS IN EACH UNIT.
- FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL FIRE ALARM INITIATION DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES.
- PROVIDE 8" ROUND, FLUSH MOUNTED, WHITE CEILING SPEAKERS WHERE SHOWN. NEW SPEAKERS SHALL BE CONNECTED TO AND COMPATIBLE WITH EXISTING BUILDING PUBLIC ADDRESS SYSTEM. EXPAND EXISTING SYSTEM WITH ADDITIONAL AMPLIFIERS AS REQUIRED AT HEAD END LOCATION FOR A COMPLETE OPERATIONAL SYSTEM. COORDINATE EXACT REQUIREMENTS WITH OWNER.
- ALL CABLING ABOVE ACCESSIBLE CEILINGS SHALL BE SUPPORTED VIA J-HOOK. J-HOOKS SHALL NOT EXCEED 5'-0" SPACING. ALL CABLING ABOVE INACCESSIBLE SPACES AND CEILINGS OPEN TO STRUCTURE SHALL BE IN CONDUIT.
- ALL EXPOSED RACEWAY SHALL BE PAINTED TO MATCH CEILING/WALL FINISH. CONTRACTOR SHALL USE APPROVED PAINT COLOR/TYPE.
- NEW CARBON MONOXIDE DETECTORS SHALL BE ADDRESSABLE AND BE CONNECTED TO THE BUILDING FIRE ALARM SYSTEM.

#### KEY NOTES:

- IN DESIGNATED CEILING REPLACEMENT AREA, ELECTRICAL CONTRACTOR SHALL REINSTALL SALVAGED CEILING MOUNTED ELECTRICAL DEVICES SHOWN. RECONNECT EXISTING CABLING AND BRANCH CIRCUIT WIRING LEFT FROM DEMOLITION.
- EXISTING CEILING MOUNTED SYSTEM AND POWER DEVICES SHOWN IN THIS AREA ARE SHOWN FOR REFERENCE PURPOSES ONLY. SHOULD CEILING TILE BE REQUIRED TO BE REMOVED AS NOTED IN DEMOLITION DRAWING KEY NOTES, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO TEMPORARILY SUPPORT OR REMOVE/REINSTALL THE EQUIPMENT.
- INSTALL SERVICE RECEPTACLE FOR NEW HVAC EQUIPMENT. COORDINATE EXACT LOCATION IN FIELD TO MEET NEC 210.63. WIRE RECEPTACLES TOGETHER WITH (2) #12, #12 G, IN 1/2" CONDUIT AND WIRE TO PANEL P-11, CIRCUIT 26.
- WIRE NEW FAN COIL UNIT TO BRANCH CIRCUIT WIRING LEFT FROM DEMOLITION OF HVAC UNIT. SPLICE AND EXTEND EXISTING CIRCUIT AS REQUIRED WITH (2) #12, #12 GND, IN 1/2" CONDUIT TO REACH TERMINATION POINT OF NEW UNIT.
- LOCATE REMOTE TEST SWITCHES FOR ROOFTOP UNIT DUCT SMOKE DETECTOR IN ACCESSIBLE SPACE BELOW UNIT. RECESS MOUNT IN DROP CEILING TILE OR WALL MOUNT IN JANITOR CLOSET/STORAGE ROOM TYPE SPACE. LABEL SWITCHES WITH UNIT NAME AND SUPPLY/RETURN DESIGNATION.
- PROVIDE DUCT SMOKE DETECTOR AND FIRE ALARM RELAY TO SIGNAL MECHANICAL SMOKE DAMPER. PROVIDE 120V BRANCH CIRCUIT TO DAMPER ACTUATOR FROM NEAREST 120V RECEPTACLE CIRCUIT. WIRE WITH (2) #12, #12 GND, IN 1/2" CONDUIT.
- LOCATE REMOTE TEST SWITCH FOR DUCT SMOKE DETECTOR BELOW UNIT. RECESSED IN CEILING TILE.



#### PROJECT INFORMATION

Project Number  
13940.18  
Client Name  
**NEWBURGH ENLARGED CITY SCHOOL DISTRICT**  
Project Name  
**PHASE 3: HERITAGE MIDDLE SCHOOL 2019 CAPITAL IMPROVEMENT PROJECT**  
Project Address  
405 Union Avenue, New Windsor, NY 12553

SED Number

#### PROJECT ISSUE SCHEDULE

No.	Date	Description
2	9/23/21	BID ADDENDUM #2

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED. THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR 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  
09/06/2021  
Scale  
As indicated  
Project Status  
**CONSTRUCTION DOCUMENTS**  
Drawn By  
RJD  
Checked By  
ARM  
Drawing Title  
**THIRD FLOOR POWER AND SYSTEMS PLAN - AREA D**

Drawing Number

**HMS**  
**E203D**