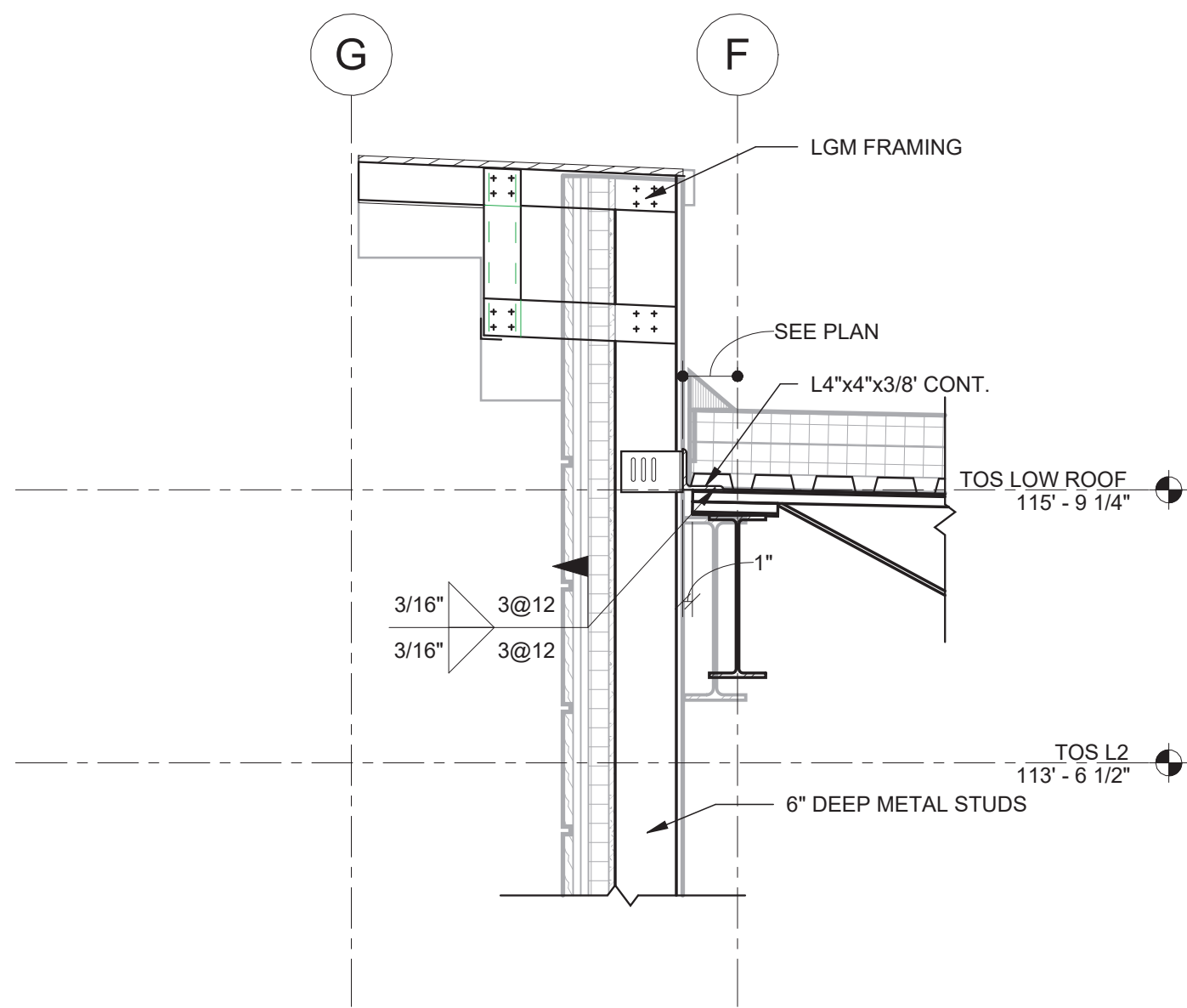
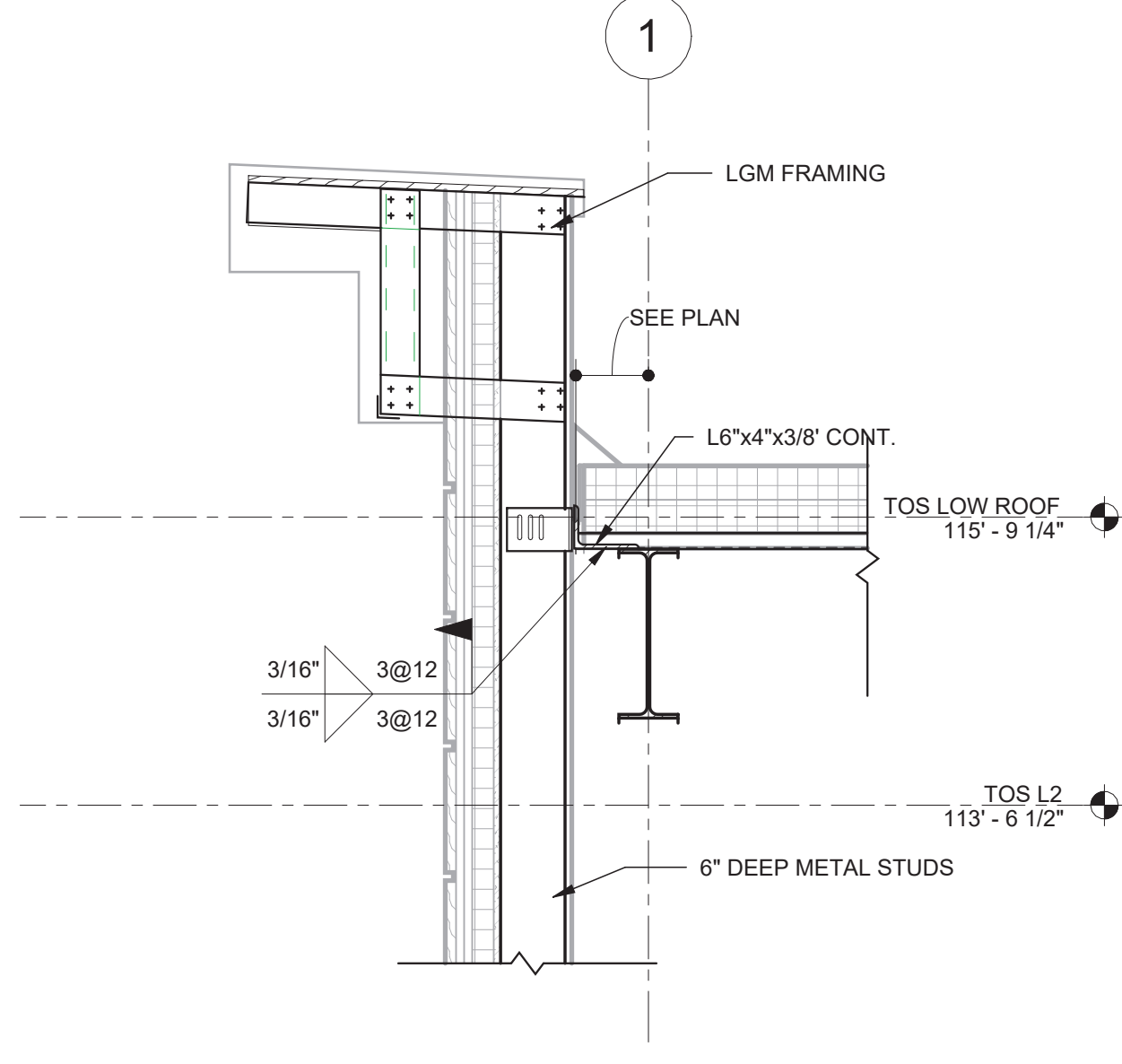
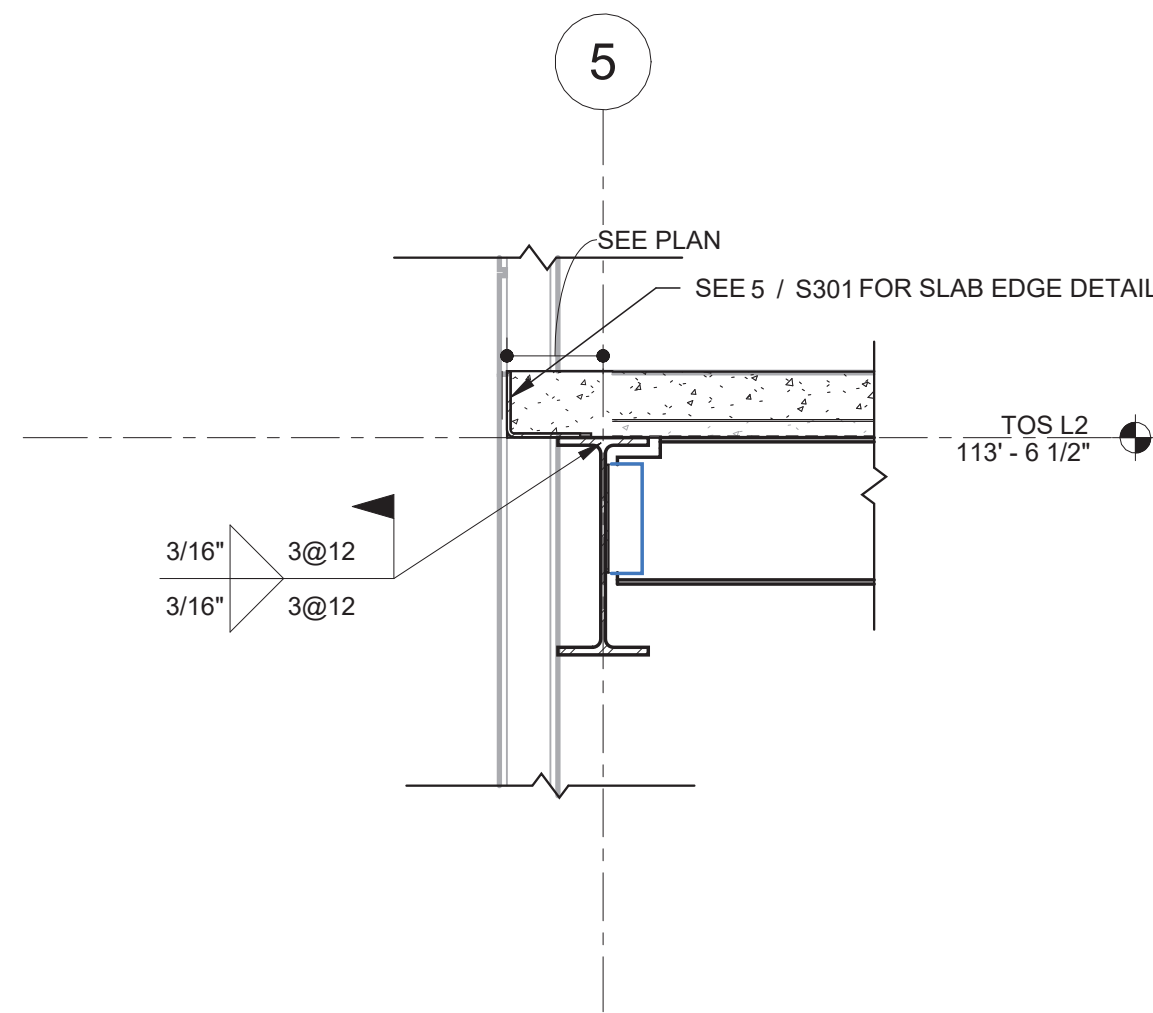




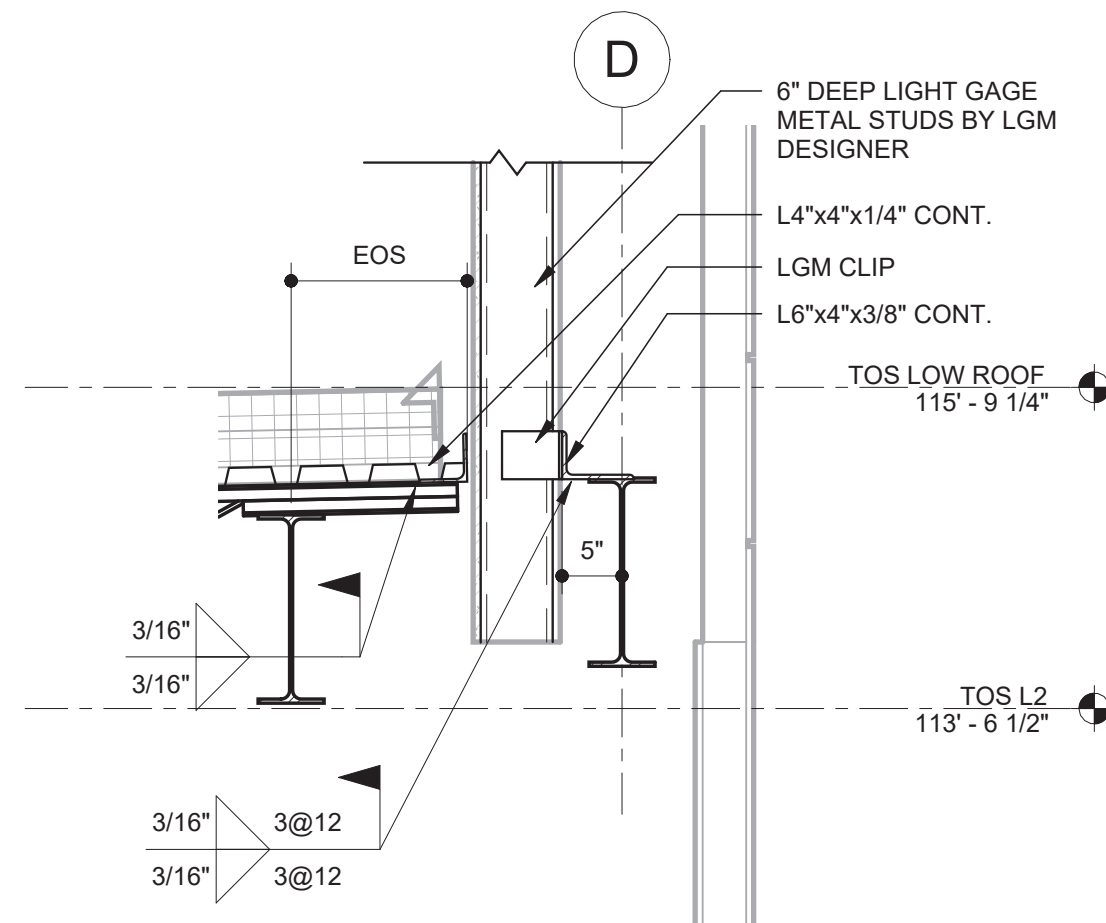
1 SECTION - WALL ALONG LINE F
S303 3/4" = 1'-0"



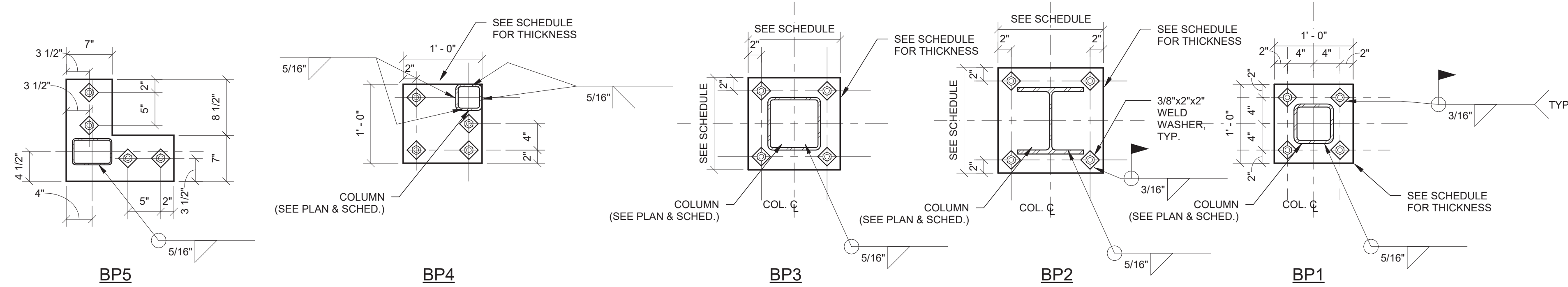
2 SECTION - WALL ALONG LINE 1
S303 3/4" = 1'-0"



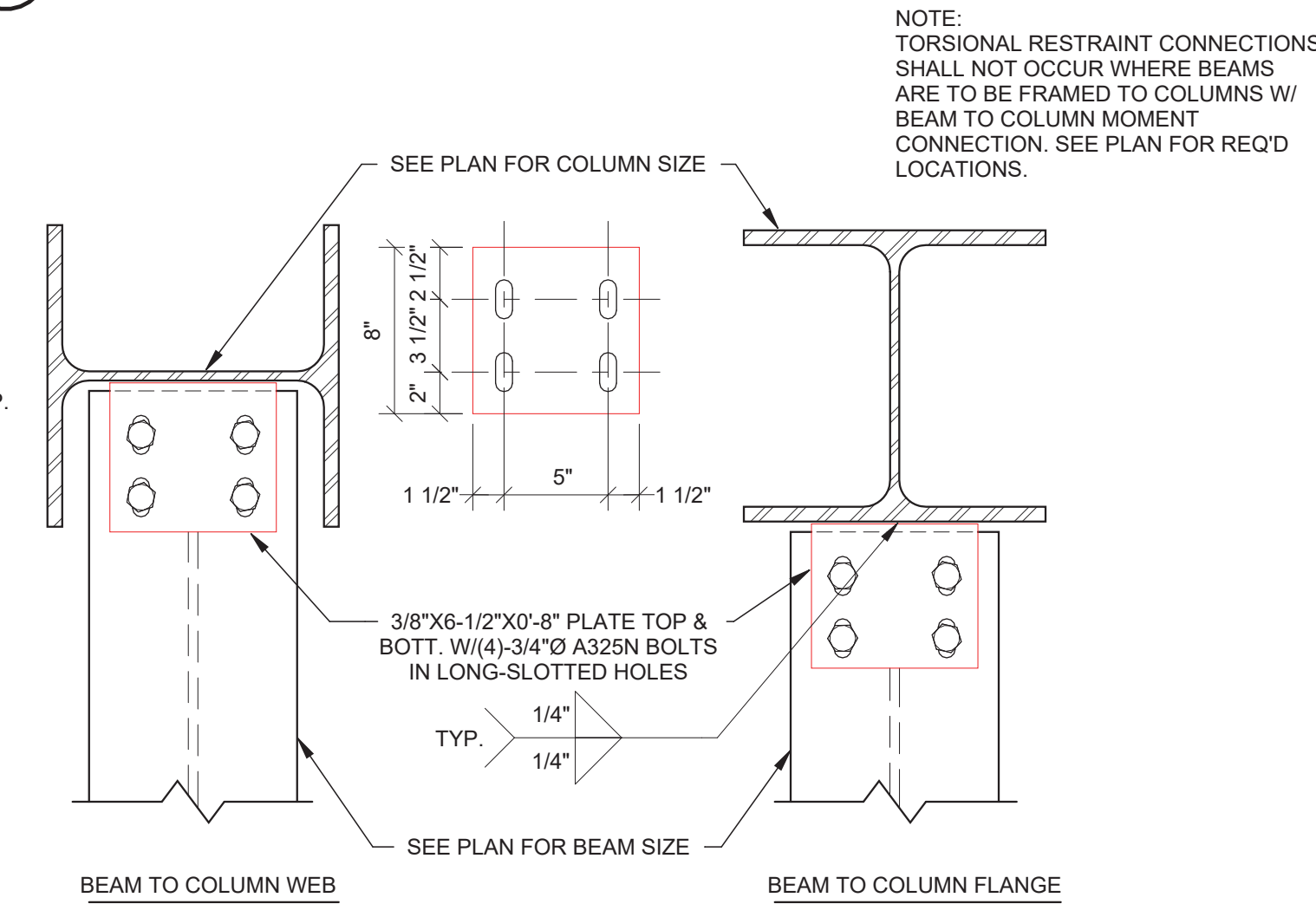
3 SECTION - SLAB ALONG LINE 5
S303 3/4" = 1'-0"



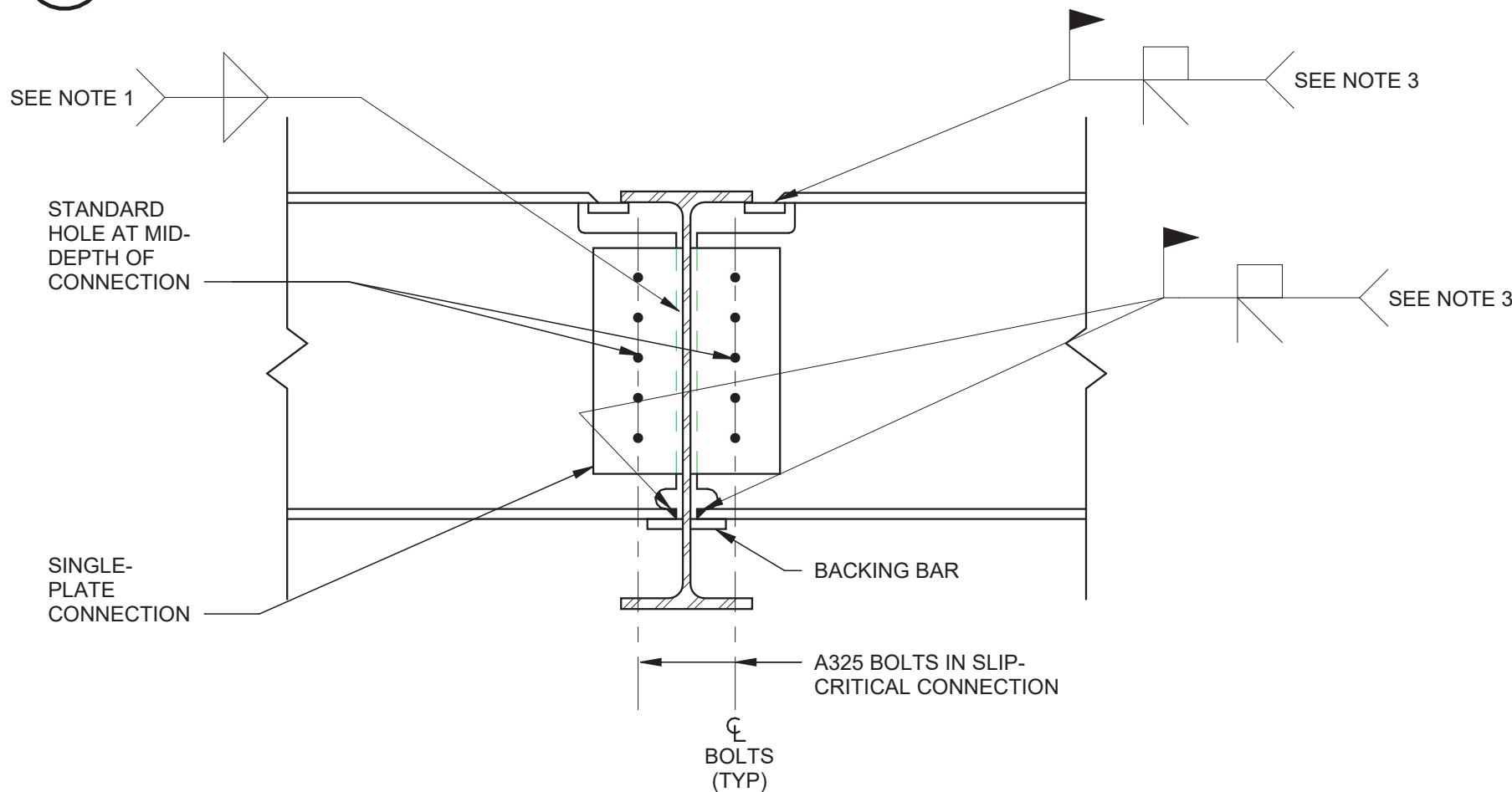
4 SECTION - BEAM ALONG D
S303 3/4" = 1'-0"



5 DETAIL - BASE PLATES
S303 1" = 1'-0"

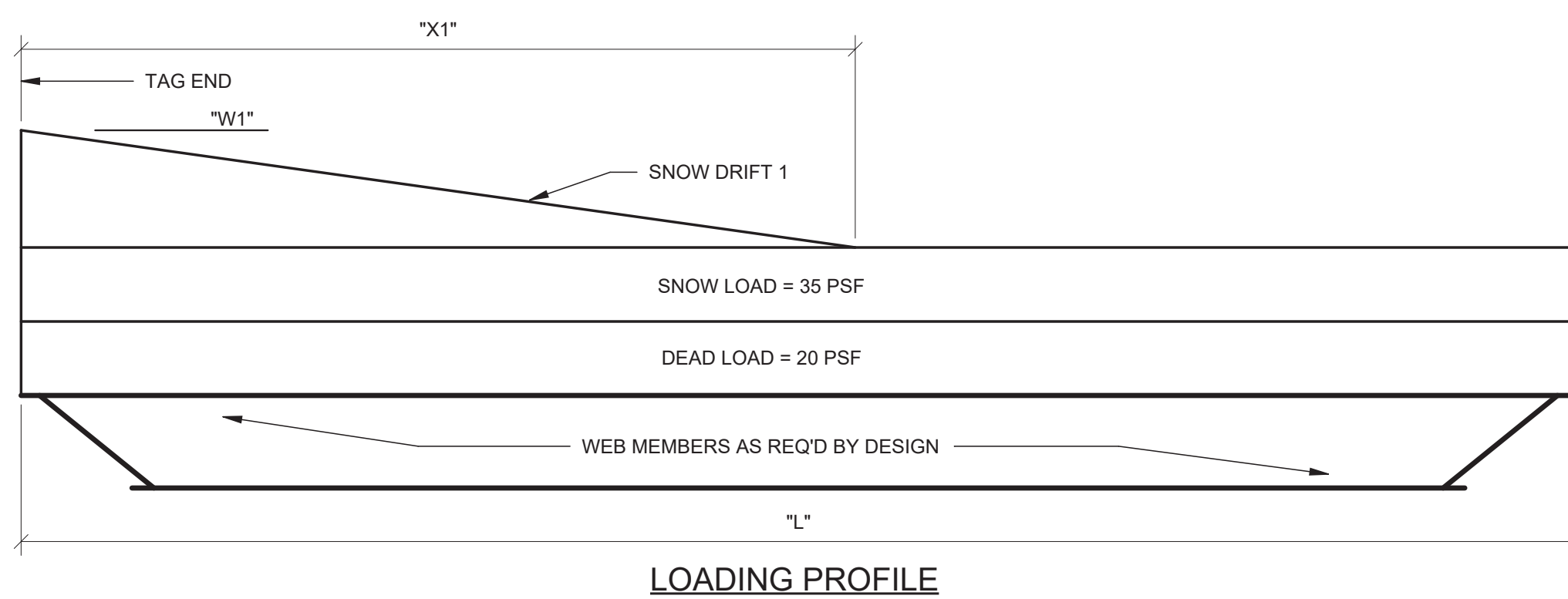


6 TORSIONAL RESTRAINT CONN. (SEE PLAN FOR REQ'D LOCATIONS)
S303 N.T.S.



- NOTES:
- DESIGN SINGLE-PLATE CONNECTION TO DEVELOP 100% OF BEAM REACTION. RESISTANCE BY BOLTS TO SHEAR SHALL BE BY FRICTION, PROPORTIONED USING THE STANDARD HOLE VALUE ON A CLASS "A" SURFACE. SEE PLAN FOR BEAM REACTIONS.
 - BOLTS IN WEB CONNECTION SHALL BE SNUG TIGHTENED PRIOR TO WELDING OF FLANGES.
 - IF MOMENT IS SHOWN ON DRAWINGS, PARTIAL PENETRATION WELD TO DEVELOP MOMENT CAN BE USED IN LIEU OF CLIP WELD.

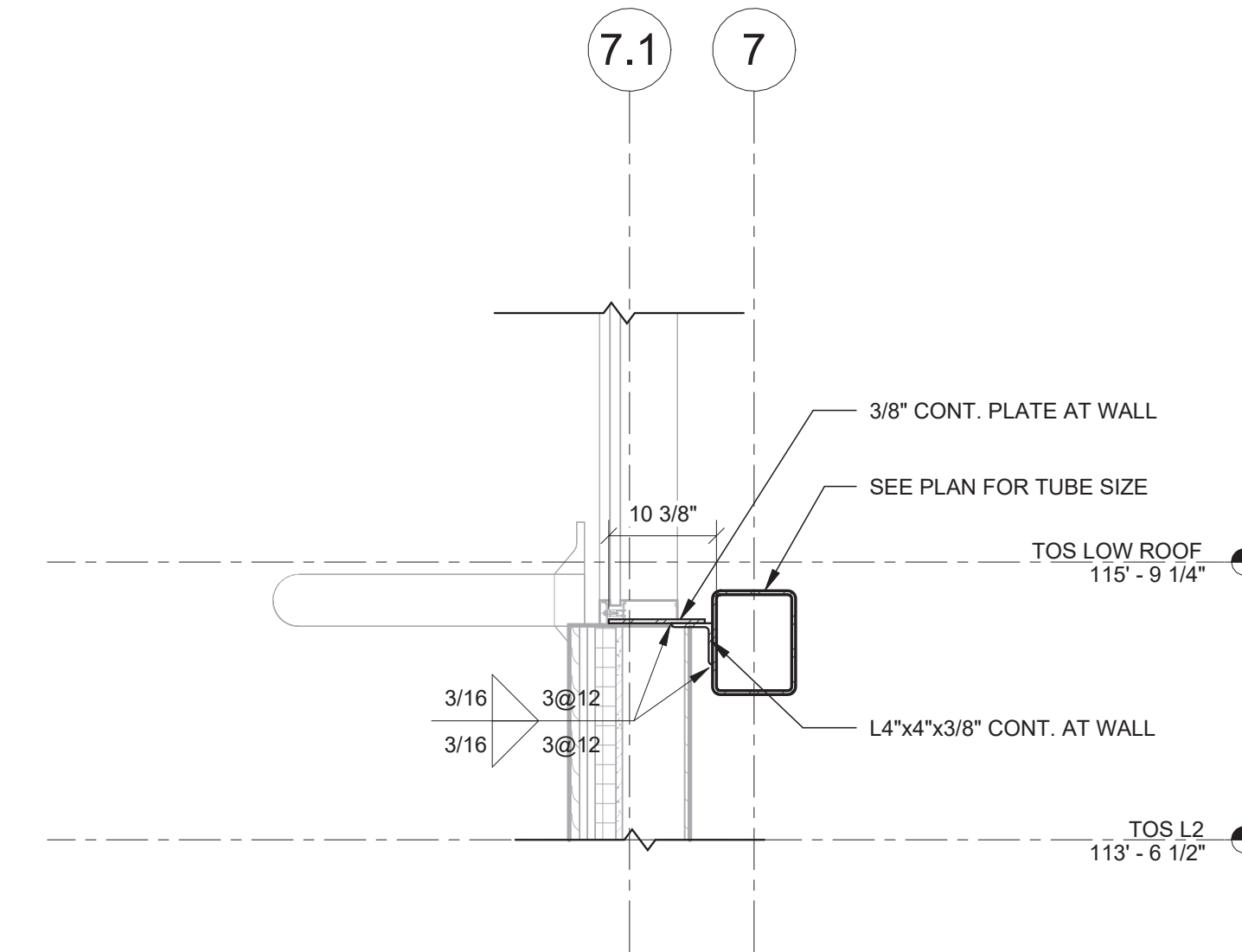
7 TYP BEAM-TO-BEAM MOMENT CONNECTION DETAIL
S303 1 1/2" = 1'-0"



SPECIAL JOIST TABLE						
MARK	LENGTH "L"	SNOW DRIFT 1	SNOW DRIFT 2	NOTES		
16KSP1	SEE PLAN	32 PSF	14'-0"	N/A	N/A	
20KSP1	SEE PLAN	32 PSF	14'-0"	N/A	N/A	

- NOTES:
- SNOW DRIFT #1 OCCURS AT TAG END.
 - IN ADD. TO UNIFORM LOADS SHOWN JOIST SHOULD BE DESIGNED FOR ADD CONC. LOAD SHOWN ON THE PLAN.

8 TYPICAL DETAIL - SPECIAL JOIST DIAGRAM
S303 1" = 1'-0"



9 SECTION - WALL ALONG 7 AT WALL
S303 3/4" = 1'-0"

TOS HIGH ROOF 127' - 6"																													TOS HIGH ROOF 127' - 6"							
TOS L2 113' - 6 1/2"																																				TOS L2 113' - 6 1/2"
TO SLAB ON GRADE 100' - 0"	-11"	-11"	-11"	-1' - 11"	-1' - 11"	-11"	-11"	-11"	-1' - 11"	-11"	-11"	-11"	-11"	-11"	-11"					-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	-11"	TO SLAB ON GRADE 100' - 0"		
Column Locations	A-2,8, A-4, A-6	B-1, B-2	C-1	C-2	C-3, C-4	C-6	D-1	D-2	D-3	D-4	D-5	D-6,1	D-7	D-9	E-2, E-5	E-3	E-4	E-7	E-3,3	E-6,5	F-1	F-2	F-3, F-4	F-5	F-2,7-1	F-2,8	G-5,1	G-7	G-5,7-1	G-5,8	H-5,1(-2'-5 3/4")					

COLUMN SCHEDULE
1/8" = 1'-0"

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Project: **POLICE STATION**
TOWN OF MONTGOMERY, ORANGE COUNTY, NEW YORK

Drawing: **SECTIONS AND DETAILS**



Project: 23321 Date: 2/24/2025
Drawn: Author Scale: AS NOTED
Drawing Number:

S303

HVAC GENERAL NOTES

- A GENERAL NOTES, SYMBOLS LIST AND DETAILS ARE APPLICABLE TO ALL DRAWINGS WITHIN DIVISION 23.
- B COORDINATE WORK OF DIVISION 23 WITH THAT OF OTHER SECTIONS.
- C READ SPECIFICATIONS FOR REQUIREMENTS PERTAINING TO THESE DOCUMENTS.
- D FITTINGS SHOWN ARE TO BE PROVIDED. NO SUBSTITUTES SHALL BE ALLOWED WITHOUT PRIOR CONSENT FROM ARCHITECT/ENGINEER.
- E INSTALL DUCTWORK AND PIPING CONCEALED, UNLESS SPECIFIED OTHERWISE.
- F ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN PIPING AND DUCTS (INCLUDING DIVIDED DUCTS) AND TRANSITIONS AROUND OBSTRUCTIONS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.
- G VERIFY ALL EQUIPMENT CONNECTIONS WITH MANUFACTURER/S CERTIFIED DRAWINGS. VERIFY AND PROVIDE DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION.
- H ALL MATERIAL AND EQUIPMENT SHALL BE NEW.
- I INSTALL ALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS AND LOCAL, STATE, AND NATIONAL CODES.
- J MECHANICAL CONTRACTOR SHALL PROVIDE ALL PENETRATIONS THROUGH WALLS, FLOORS AND ROOFS NECESSARY FOR INSTALLATION OF MECHANICAL SYSTEMS. DO NOT DRILL, CORE OR CUT AND PORTION OF COLUMNS, BEAMS, JOISTS OR BRIDGING RIBS.
- K MECHANICAL CONTRACTOR TO PROVIDE CUSTOM COLOR SELECTION FOR WALL CAPS, ROOF JACKS, VENT TERMINATIONS AND LOUVERS. ARCHITECT TO SELECT COLOR OF EQUIPMENT.
- L PROVIDE INSULATED REFRIGERANT PIPING BETWEEN EACH FAN COIL UNIT AND HEAT PUMP UNIT. PIPING SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS. CAULK AND SEAL REFRIGERANT PIPE PENETRATION THROUGH EXTERIOR WALL. WEATHER-TIGHT.
- M COORDINATE FINAL DUCTWORK ROUTING AND FITTINGS WITH APPROVED TRUSS DESIGN. MODIFY LAYOUT AS NECESSARY TO ROUTE DUCTWORK THROUGH TRUSS WEBS.
- N REFER TO MANUFACTURER'S INSTRUCTIONS FOR SIZING AND INSTALLATION OF REFRIGERANT PIPING IN "LONG LINE" APPLICATIONS.
- O PROVIDE MASTIC SEALANT ON ALL JOINTS, LONGITUDINAL AND TRANSVERSE SEAMS, AND CONNECTIONS IN DUCTWORK. MASTIC SEALANT SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL 181A OR UL 181B. DUCTWORK SHALL BE INSPECTED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OF INSULATION. SEALANT SHALL BE LOW VOC.
- P WALL CAPS AND ROOF JACKS SHALL BE CORROSION RESISTANT GALVANIZED STEEL WITH BIRD SCREEN AND BACK DRAFT DAMPER. CUSTOM COLOR SELECTION BY ARCHITECT.
- Q MOUNTING HEIGHT FOR THERMOSTATS SHALL BE 48" TO TOP OF COVER, ABOVE FINISHED FLOOR.
- R MAINTAIN A MINIMUM 36" CLEARANCE BETWEEN SUPPLY DIFFUSERS/REGISTERS AND SMOKE DETECTORS.
- S COORDINATE DUCTWORK ROUTING AND INSTALLATION WITH OTHER TRADES.
- T CONTRACTOR SHALL PROVIDE REFRIGERANT CHARGE TEST CERTIFICATION. CHARGE TEST TO BE PERFORMED BY A QUALIFIED TECHNICIAN.

HVAC SYMBOL LIST			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	EXISTING WORK TO BE REMOVED		COMPRESSED AIR
	POINT OF CONNECTION		VENT
	POINT OF DISCONNECTION		BOILER BLOW DOWN
	DRAWING KEYNOTE		CONDENSER WATER SUPPLY
	DEMOLITION KEYNOTE		CONDENSER WATER RETURN
	THOUSAND BTU/HOUR		CHILLED WATER SUPPLY
	NOT TO SCALE		CHILLED WATER RETURN
	EXISTING		DRAIN
	ACOUSTIC THERMAL LINING - 1-1/2" THICK		FUEL OIL FILL
	ACOUSTIC THERMAL LINING - 2" THICK		FUEL OIL GAUGE
	DOUBLE WALL LINED DUCT		FUEL OIL SUPPLY
	FEET PER MINUTE		FUEL OIL RETURN
	CUBIC FEET PER MINUTE		FUEL OIL TANK VENT
	OPPOSED BLADE VOLUME DAMPER		GAS
	ABOVE FINISHED FLOOR		GLYCOL SUPPLY
	ACCESS DOOR		GLYCOL RETURN
	WALL TO WALL		HEAT PUMP WATER SUPPLY
	GENERAL CONTRACTOR		HEAT PUMP WATER RETURN
	MECHANICAL CONTRACTOR		HOT WATER SUPPLY
	PLUMBING CONTRACTOR		HOT WATER RETURN
	ELECTRICAL CONTRACTOR		LOW PRESSURE STEAM
	NORMALLY OPEN		LOW PRESSURE CONDENSATE
	NORMALLY CLOSED		MEDIUM PRESSURE STEAM
	FLEXIBLE DUCTWORK		MEDIUM PRESSURE CONDENSATE
	DUCT SECTION - FLAT OVAL (FO)		HIGH PRESSURE STEAM
	ROUND DUCT - 12 INCHES		HIGH PRESSURE CONDENSATE
	DUCT SECTION - SUPPLY		PUMPED CONDENSATE
	DUCT SECTION - RETURN		REFRIGERANT DISCHARGE
	WIDTH A x DEPTH B		REFRIGERANT LIQUID
	TRANSITION SQUARE TO ROUND		REFRIGERANT SUCTION
	RISE IN DUCT - IN DIRECTION OF AIRFLOW		HOT GAS
	DROP IN DUCT - IN DIRECTION OF AIRFLOW		VACUUM
	SUPPLY DUCT TURNING UP OR DOWN		DOMESTIC COLD WATER
	RETURN DUCT TURNING UP OR DOWN		TRIPLE DUTY VALVE
	SUPPLY/RETURN RECTANGULAR MAIN RECTANGULAR BRANCH		GLOBE VALVE
	SUPPLY/RETURN RECTANGULAR MAIN ROUND BRANCH		BALL VALVE
	SUPPLY/RETURN ROUND MAIN ROUND BRANCH		GATE VALVE
	SUPPLY/RETURN ROUND MAIN ROUND BRANCH		CONTROL VALVE
	MITERED ELBOW WITH TURNING VANES		THREE WAY CONTROL VALVE
	SUPPLY DIFFUSER, REGISTER OR GRILLE		CHECK VALVE
	RETURN REGISTER		BALANCING VALVE
	EXHAUST GRILLE		BUTTERFLY VALVE
	FIN TUBE RADIATION		RELIEF VALVE
	VALANCE		PRESSURE REDUCING VALVE
	REGISTER, GRILLE OR DIFFUSER TAG		PRESSURE/TEMPERATURE TEST PLUG
	LINEAR DIFFUSER TAG		SINGLE LINE PIPE CONTINUED
	FIN TUBE RADIATION TAG		DOUBLE LINE PIPE OR ROUND DUCT CONTINUED
	RADIANT CEILING PANEL TAG		DOUBLE LINE RECTANGULAR DUCT CONTINUED
	VALANCE TAG		AIR FLOW
	AIR TERMINAL UNIT TAG (OPTION 1)		PIPE ANCHOR
	AIR TERMINAL UNIT TAG (OPTION 2)		PIPE GUIDE
			EXPANSION COMPENSATOR WITH GUIDES
			PRE-FAB EXPANSION LOOP
			STRAINER
			PRESSURE GAUGE
			THERMOMETER
			UNION
			AIR VENT
			THERMOSTATIC TRAP
			FLOAT & THERMOSTATIC TRAP
			THERMODYNAMIC TRAP
			BUCKET TRAP
			DIRECTION OF FLOW
			REDUCER
			CAP OR PLUG
			ELBOW DOWN
			ELBOW UP
			BOTTOM TAP
			AUTOMATIC AIR DAMPER
			FIRE DAMPER
			SMOKE DAMPER
			COMBINATION FIRE/SMOKE DAMPER
			BACK DRAFT DAMPER
			FLEX CONNECTOR - DUCTWORK
			MOTORIZED DAMPER
			BLAST GATE
			VOLUME DAMPER
			SUCTION DIFFUSER
			FLEXIBLE CONNECTOR - PIPING
			DRAIN VALVE WITH HOSE CONNECTION,
			CAP AND CHAIN
			WATER FLOW SENSOR
			WATER TEMPERATURE SENSOR
			STATIC PRESSURE SENSOR
			HUMIDISTAT
			TEMPERATURE SENSOR
			CARBON DIOXIDE SENSOR
			CARBON MONOXIDE SENSOR
			NITROGEN DIOXIDE SENSOR
			GAS SENSOR
			PNEUMATIC/ELECTRIC THERMOSTAT
			THERMOSTAT/SENSOR WITH GUARD
			DUCT SMOKE DETECTOR



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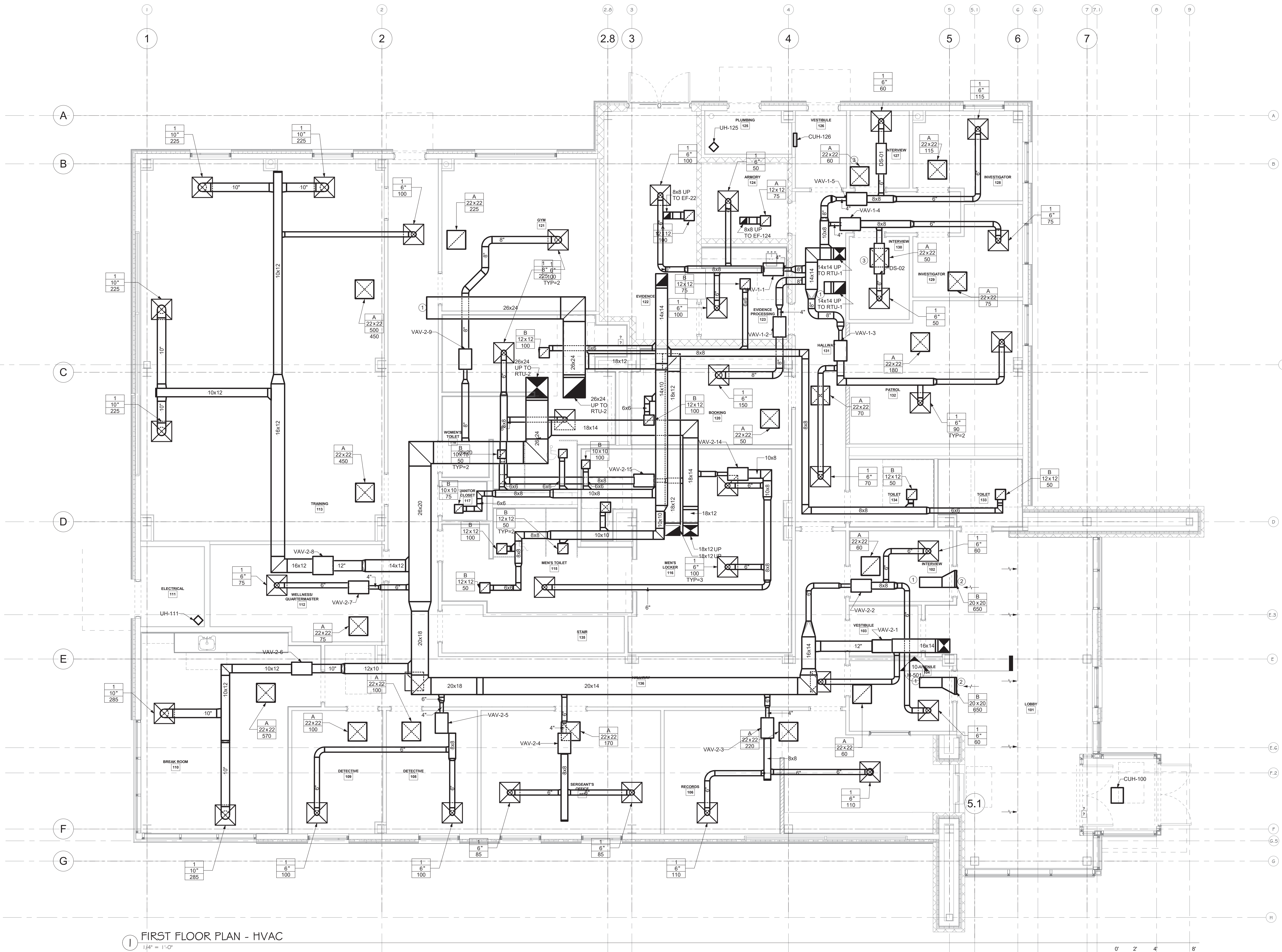
Project: TOWN OF MONTGOMERY POLICE STATION
110 BRACKEN ROAD, MONTGOMERY,
NEW YORK 12549

Drawing: HVAC GENERAL NOTES, SYMBOLS &
ABBREVIATIONS

Project: 23138 Date: 2/24/25
Drawn: JDH Scale: AS NOTED
Drawing Number:
H-001

H-101 DRAWING...

- 1 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.
- 2 RETURN GRILLE TO BE CENTERED ON DOOR FRAME. MOUNT AS HIGH AS POSSIBLE WHILE KEEPING ASSOCIATED DUCTWORK IN FIRST FLOOR CEILING SPACE.
- 3 PROVIDE PRICE RETURN AIR SILENCER (RAS) AT RETURN GRILLE. SIZE OF RAS TO MATCH RETURN GRILLE SIZE.



1 FIRST FLOOR PLAN - HVAC
1/4" = 1'-0"

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Drawing: FIRST FLOOR PLAN - HVAC

Project: 23138 Date: 2/24/25
Drawn: JDH Scale: AS NOTED
Drawing Number:

H-101

H-102 DRAWING... 

1 PROVIDE WALL MOUNTED MINISPLIT ROUGH-IN BOX MODEL RBX3-MD-NC OR EQUIVALENT. INSTALL ALL DRAIN LINES, LINE SETS, AND ELECTRICAL THROUGH ROUGH IN BOX PER MANUFACTURER INSTALLATION INSTRUCTIONS.

2 OPEN ENDED DUCT. CUT AT 45 DEGREE ANGLE.

ME ENGINEERING

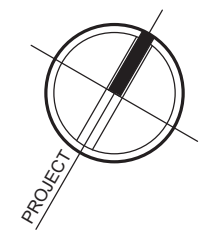
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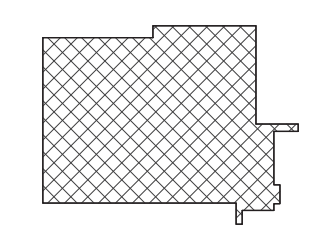
REVISIONS:

NUM.	DATE	DESCRIPTION

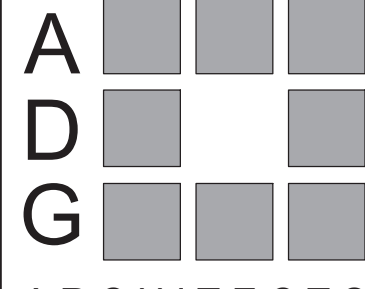
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PROJECT



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Drawing: SECOND FLOOR & ROOF PLAN - HVAC



Project: 23138 Date: 2/24/25

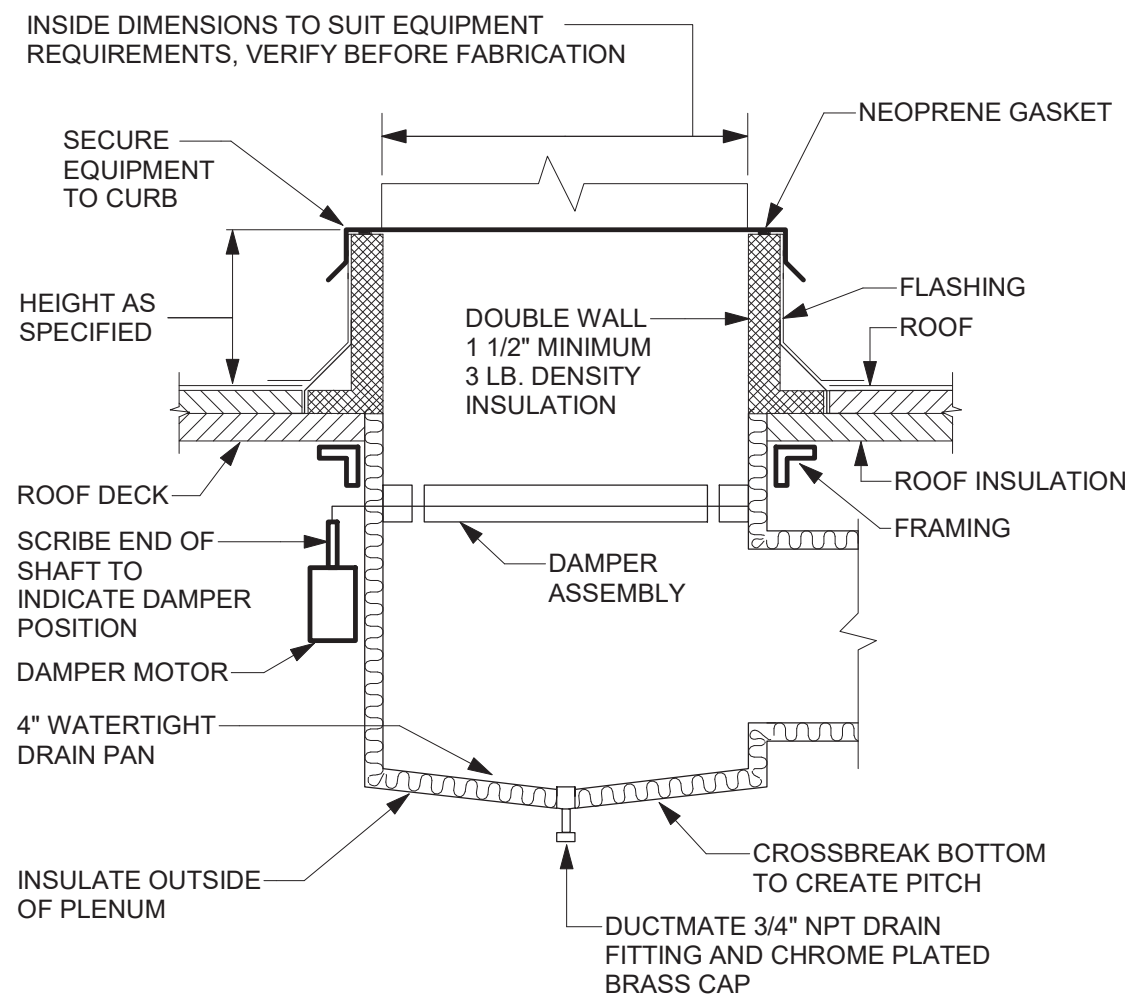
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Drawing Number:

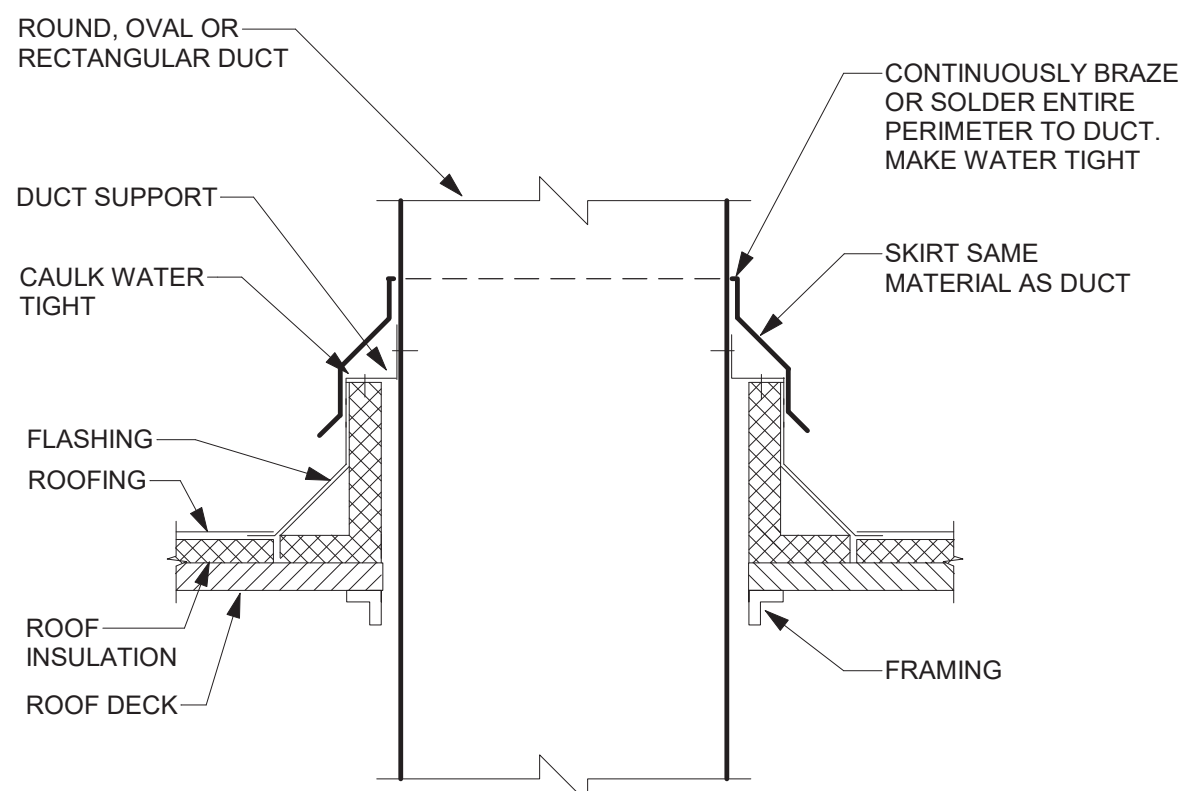
H-102

Reg. Exp. 05/31/2027
Cert. of Auth. 0018443

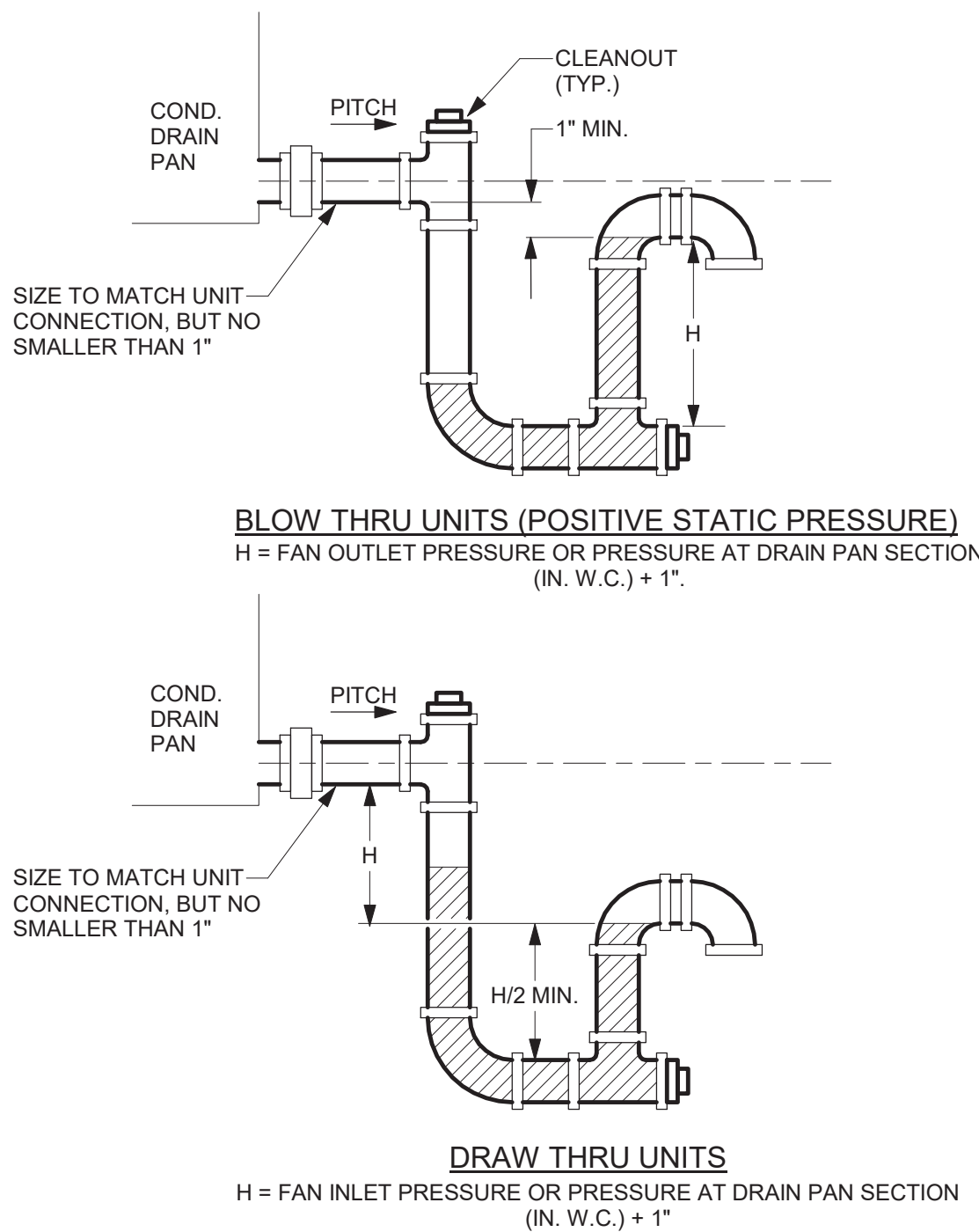
SECOND FLOOR & ROOF PLAN - HVAC
1/4" = 1'-0"



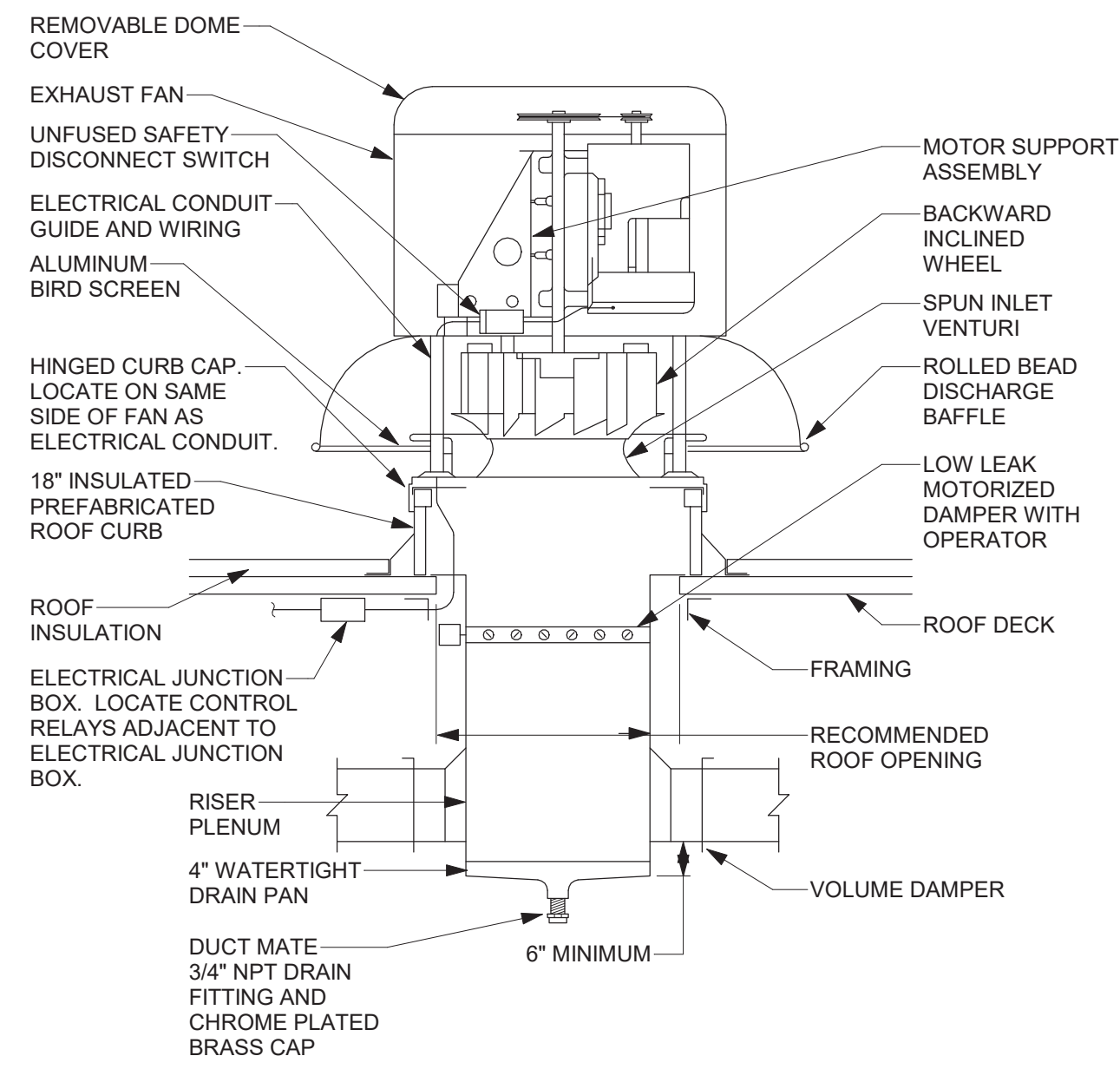
- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
 - LOCATE, SET AND SECURE CURB.
 - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
 - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- PROVIDE ROOF OPENING, FRAMING AND FLASHING.
 - LOCATE, SET AND SECURE CURB.
 - PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.
 - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.



- DETAIL NOTES:
- AS AN ALTERNATE, IT IS ACCEPTABLE TO PIPE THE TRAP EXACTLY AS SHOWN IN THE MANUFACTURER'S INSTALLATION MANUAL.



- DETAIL NOTES:
- BELT DRIVEN FAN SHOWN, DIRECT DRIVE SIMILAR.
 - REFER TO ROOF CURB DETAIL.
 - PROVIDE WIND RESTRAINT PER SPECIFICATION SECTION 230550-WIND RESTRAINT FOR HVAC SYSTEMS.

1 ROOF CURB DETAIL

NOT TO SCALE

2 DUCT PENETRATION CURB DETAIL

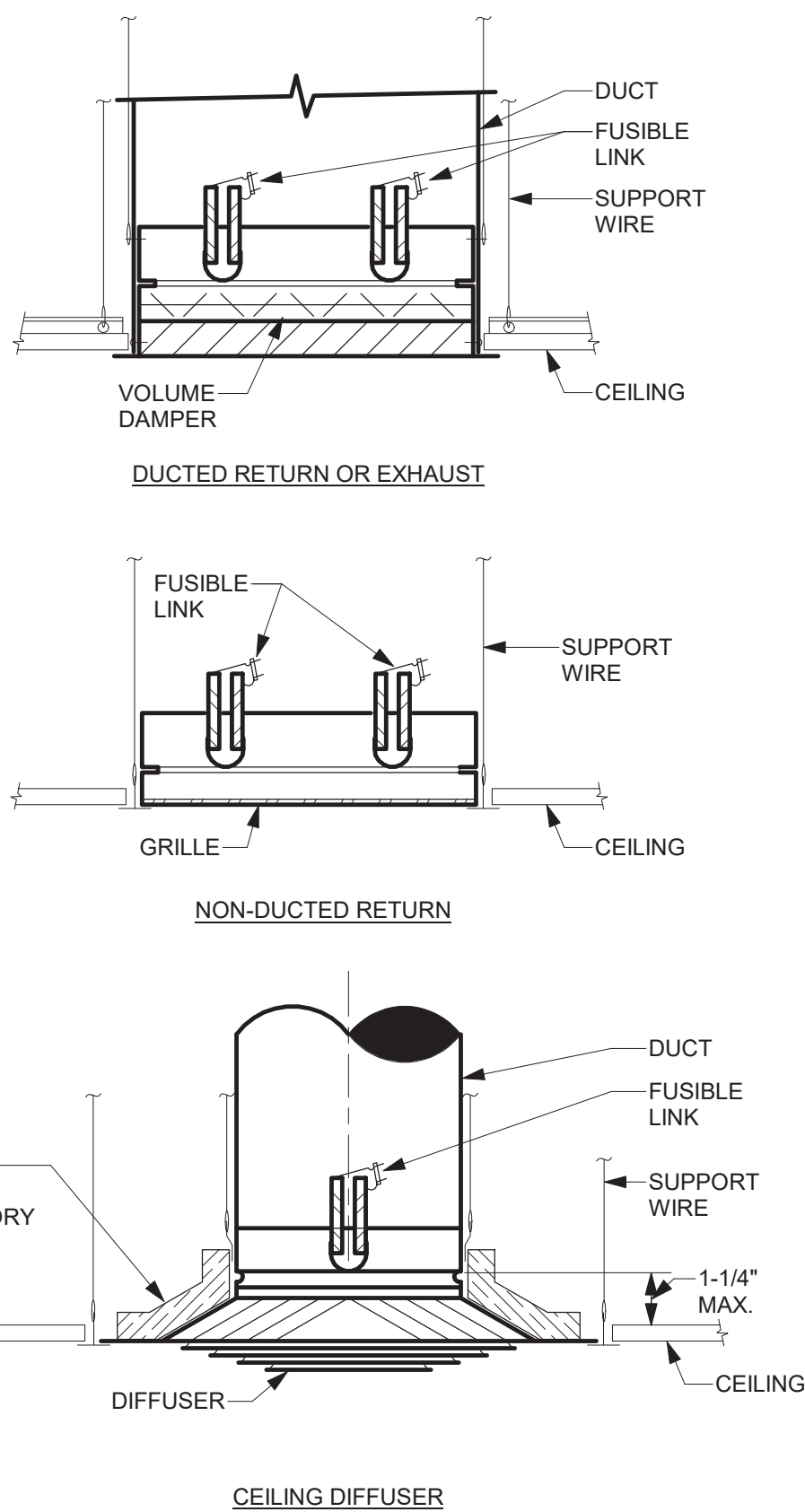
NOT TO SCALE

3 ROOFTOP UNIT CONDENSATE DRAIN TRAP DETAIL

NOT TO SCALE

4 DOWNBLAST EXHAUST FAN DETAIL

NOT TO SCALE



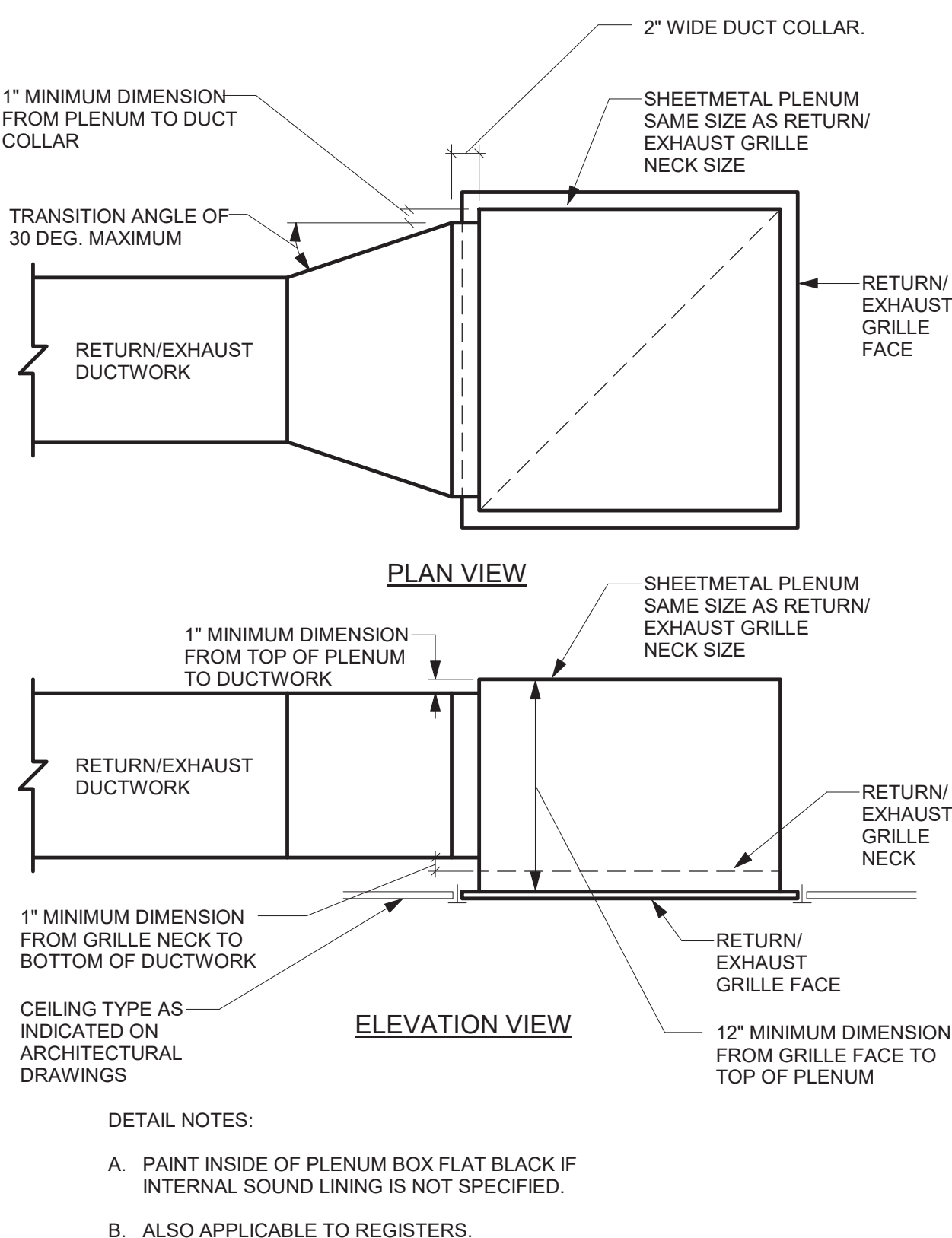
5 FIRE DAMPER AT CEILING PENETRATION DETAIL

NOT TO SCALE

6 VAV BOX DETAIL

NOT TO SCALE

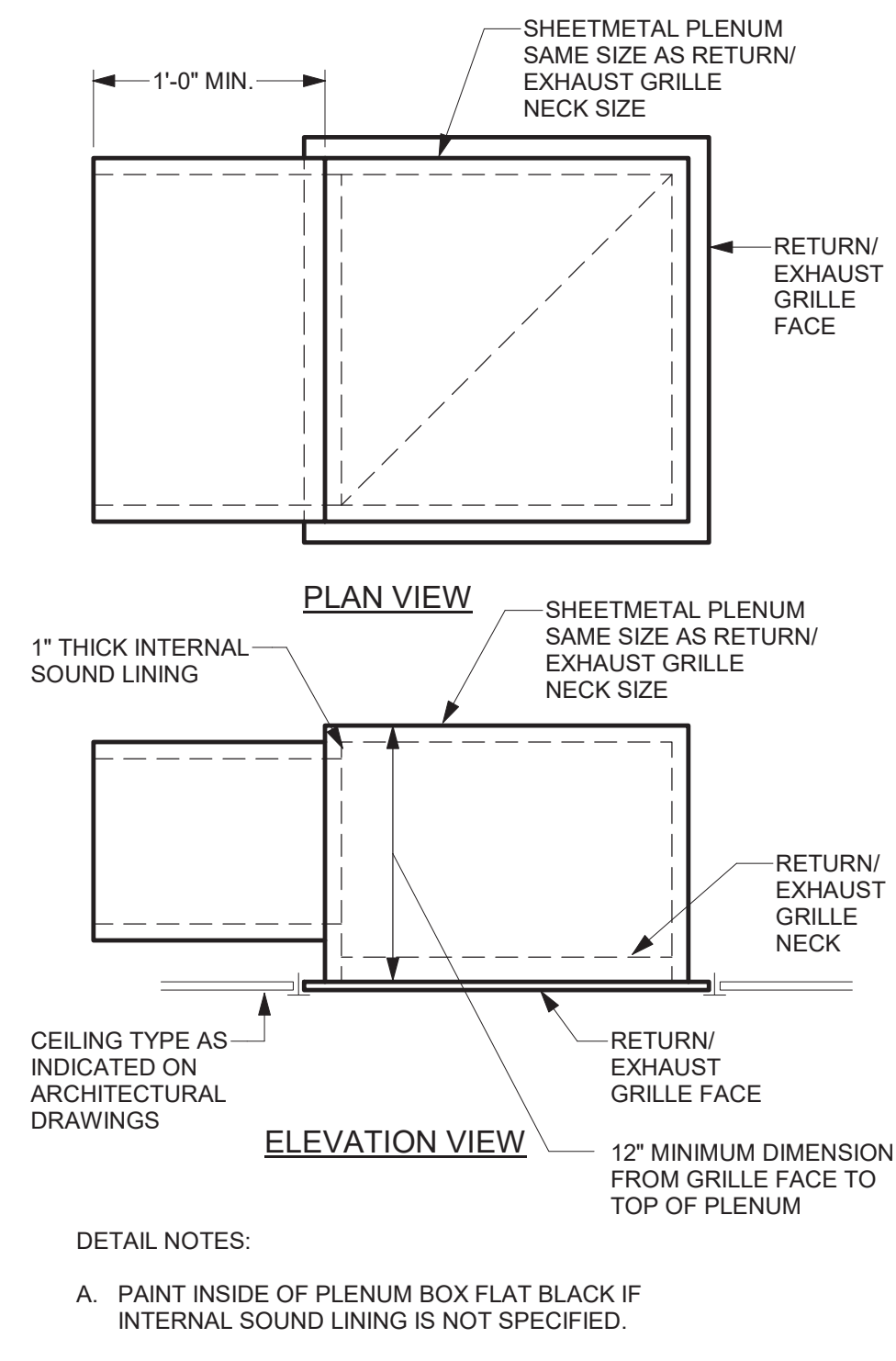
- KEYED NOTES:
- RIGID STRAIGHT DUCTWORK UPSTREAM OF THE TERMINAL UNIT SHALL BE A MINIMUM OF 3 TIMES THE DIAMETER OF INLET. NOT TO EXCEED 5'-0" TOTAL IN LENGTH.
 - MAINTAIN MINIMUM 1'-6" SERVICE CLEARANCE IN FRONT OF ENCLOSURE TO ALLOW FOR SERVICE/ACCESS.
 - COMPONENT ARRANGEMENT MAY VARY BY MANUFACTURER. PROVIDE INSULATION VAPOR BARRIER AS SPECIFIED.
 - ACCESS DOOR TO BE LOCATED AT THE BOTTOM OF THE UNIT. CONTRACTOR TO COORDINATE COIL AND CONTROL ENCLOSURE HANDING. ROTATING UNIT IN FIELD SUCH THAT ACCESS DOOR IS ON TOP OF UNIT IS NOT ACCEPTABLE.



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
 - ALSO APPLICABLE TO REGISTERS.

7 RETURN/EXHAUST GRILLE PLENUM DETAIL - DUCTED

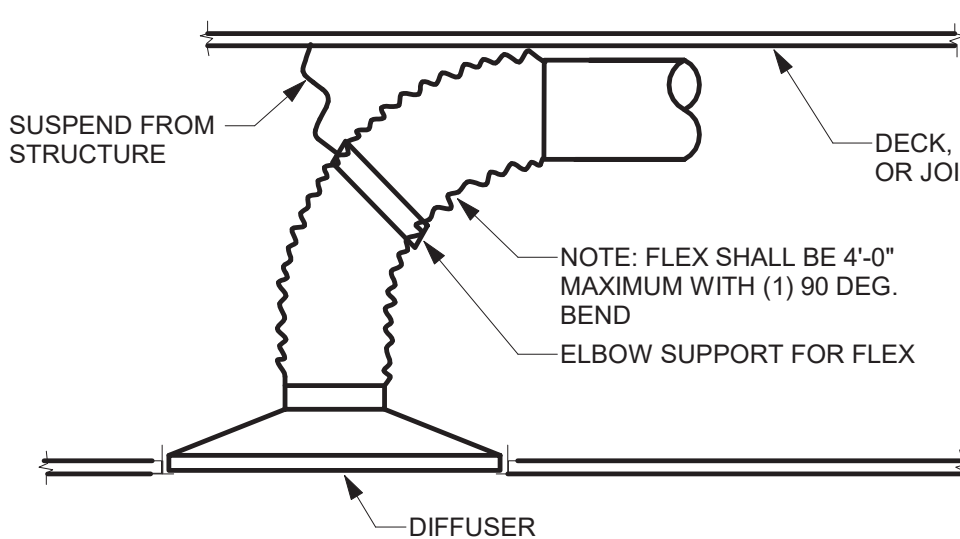
NOT TO SCALE



- DETAIL NOTES:
- PAINT INSIDE OF PLENUM BOX FLAT BLACK IF INTERNAL SOUND LINING IS NOT SPECIFIED.
 - ALSO APPLICABLE TO REGISTERS.

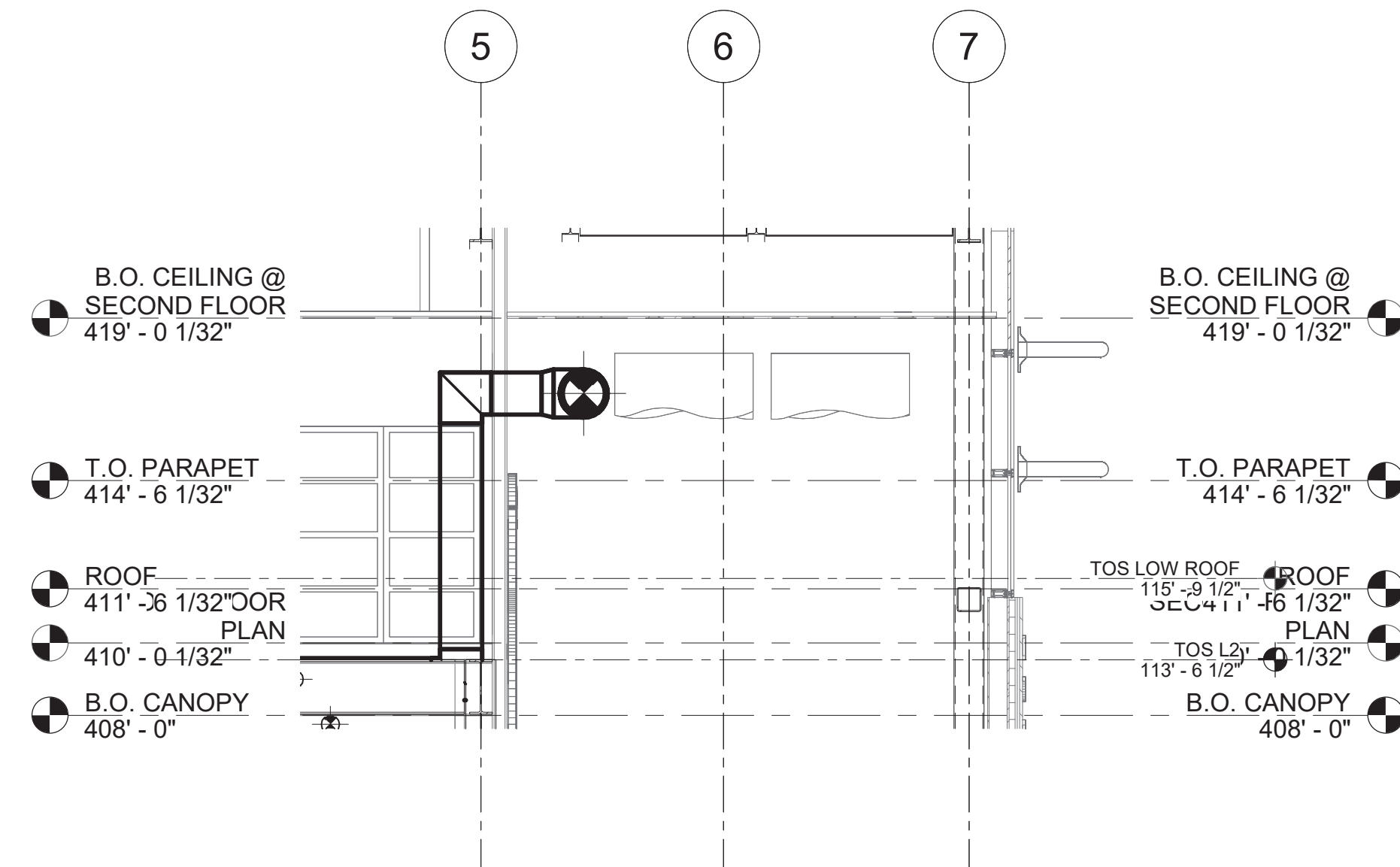
8 RETURN/EXHAUST GRILLE PLENUM DETAIL - NON-DUCTED

NOT TO SCALE



9 SUPPLY AIR DIFFUSER DETAIL - RADIUS FLEXIBLE DUCT - STRAP

NOT TO SCALE



10 LOBBY DUCTWORK SECTION

NOT TO SCALE



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Project: **TOWN OF MONTGOMERY POLICE STATION**
110 BRACKEN ROAD, MONTGOMERY,
NEW YORK 12549

Drawing: **HVAC DETAILS**



Project: 23138 Date: 2/24/25

Drawn: JDH Scale: AS NOTED

Drawing Number:

H-501

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX/ELECTRIC (1 OF 2)																																										
UNIT NO.	LOCATION	SERVICE	SUPPLY FAN										RETURN/POWER EXHAUST FAN										COOLING COIL (DX)										HEATING COIL (ELECTRIC)									
			AIR FLOW (CFM)	EXT. STATIC (in. WC)	TOTAL STATIC (in. WC)	FAN CHARACTERISTICS	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	AIR FLOW (CFM)	EXT. STATIC (in. WC)	TOTAL STATIC (in. WC)	FAN CHARACTERISTICS	FAN NO. & MIN DIA.	MAX BHP	MOTOR HP	FAN RPM	DRIVE	TOTAL SENS CAPACITY (MBH)	DB (DEG. F)	WB (DEG. F)	DB (DEG. F)	FACE VEL (FPM)	ROWS	FIN PER INCH	AIR P.D. (in. WC)	TYPE	CAPACITY (KW)	AIR FLOW (CFM)	ENT. AIR TEMP (DEG. F)	LVG. AIR TEMP (DEG. F)	AIR P.D. (in. WC)	MIN FACE VELOCITY (FPM)							
RTU-1	ROOF	VAV-1(1-5)	1000		1.8	SWSI	2 - 12	0.53	1.2	2107	DIRECT	1000		SWSI	35.7	27.9	77.4	63.9	50.7	51.1	207.0	4	16	0.15	SCR	12	1000	57.0	94.7	0.11												
RTU-2	ROOF	VAV-2(1-15)	5250		4.3	SWSI	2 - 18	5.41	7.0	2446	DIRECT	5250	0.50	SWSI	2 - 18	1.13	2.4	1669	DIRECT	151.5	128.4	77.5	63.9	54.1	53.8	340.2	4	15	0.40	SCR	18	5250	57.0	67.8	0.37							

PACKAGED ROOFTOP AIR HANDLING UNIT SCHEDULE - DX /ELECTRIC (2 OF 2)																													
UNIT NO.	COMBO FILTER RACK	WIDTH (INCH)	MERV RATING	MERV RATING	FACE VELOC. (FPM)	AIR P.D. (in. WC)	CONDENSING UNIT				AMBIENT AIR TEMP. (DEG. F)	PERFORMANCE				UNIT ELEC. CHARACTERISTICS				MCA	MOP	MANUFACTURER & MODEL...				REMARKS			
							CAPACITY	REFRIGERA...	TONS	SIZE		MINIMUM EFFICIEN...	TEST PROCEDU...	KW	VOLTS	PHASE	FLA	MCA	SEER	INDOOR UNIT	OUTDOOR UNIT								
RTU-1		2	8	8	140.8	0.07					R32								208	5	60.7	73.8	80	10		DAIKIN DPHS03B			
RTU-2		2	8	8	291.7	0.40					R32								208	3	132.2	158.2	175	10		DAIKIN DPHS12B			

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE - HEAT PUMP TYPE																																			
UNIT NO.		LOCATION		INDOOR UNIT										OUTDOOR UNIT										HEATING (5 DEG.) EFFICIENCY							MANUFACTURER & MODEL No.		REMARKS		
INDOOR	OUTDOOR	INDOOR	OUTDOOR	INDOOR UNIT		AIR FLOW (CFM)		COOLING CAPACITY (BTU/H)	MINIMUM CAPACITY (BTU/H)	EAT (DEG. F)		DB	WB	VOLTS	PHASE	MCA	FLA	FLA	SOUND PRESSURE (dBA)	REFRIGERA...	VOLTS	PHASE	MCA	FLA	FLA	BREAKER SIZE (AMPS)	EAT (DEG. F)	DB	WB	SOUND PRESSURE (dBA)	MAXIMUM CAPACITY (BTU/H)	MINIMUM (COP)		MINIMUM (SEER)	INDOOR UNIT
AC-01	ACCU-01	202-IT CLOSET	ROOF	WALL	915	33,200	10,300	80	67	208	1	1.0	0.76	53	R410A	208	1	19.0	0.93	20	95	75	57	20,500	2.29	16.2							TRANE MSZ-GS36NA	TRANE MUZ-GS36NA	1, 2, 3

REMARKS:
1. CONDENSATE PUMP.
2. PROVIDE UNIT WITH 2" GASKETED FRAME FILTER.
3. INDOOR UNIT POWERED BY OUTDOOR UNIT.

VAV - SINGLE DUCT - AIR TERMINAL UNIT SCHEDULE - ELECTRIC REHEAT																													
UNIT NO.	SERVICE	MAX AIR FLOW (CFM)	MIN AIR FLOW (CFM)	MIN INLET PRESS AT MAX CFM (in. WC)	INLET SIZE (in.)	RAD N.C. AT 1" S.P.	DISCH N.C. AT 1" S.P.	CAPACITY (KW)	NO OF STEPS	AIR SIDE HEATING AIR FLOW (CFM)	ENT. AIR TEMP. (DEG. F)	LVG AIR TEMP. (DEG. F)	AIR P.D. (in. WC)	ELEC. CHARACTERISTICS				MANUFACTURER & MODEL...				REMARKS							
														VOLTS	PHASE	MCA	MOP												
VAV-1-1	122-EVIDENCE 123-EVIDENCE PROC.	250	125	0.06	4	10	18	1.4	2-10	125	55	85	0.50	208	1	8.4	15		DAIKIN MQTHIS										
VAV-1-2	120-BOOKING	150	125	0.03	4	3	16	1.4	2-10	125	55	85	0.50	208	1	8.4	15		DAIKIN MQTHIS										
VAV-1-3	131-HALLWAY 132-PATROL	250	175	0.06	4	10	18	1.8	2-10	175	55	85	0.50	208	1	10.8	15		DAIKIN MQTHIS										
VAV-1-4	128-INVESTIGATOR 130-INTERVIEW	125	100	0.02	4	3	14	1.0	2-10	100	55	85	0.50	208	1	6.0	15		DAIKIN MQTHIS										
VAV-1-5	127-INTERVIEW 128-INVESTIGATOR	175	125	0.03	4	6	17	1.4	2-10	125	55	85	0.50	208	1	8.4	15		DAIKIN MQTHIS										
VAV-2-1	101-Lobby	1300	1250	0.05	12	13	11	13.0	2-10	1250	55	85	0.50	208	3	45.1	50		DAIKIN MQTHIS										
VAV-2-2	102-INTERVIEW 103-CORRIDOR 104-JUVENILE	125	75	0.02	4	3	14	0.8	2-10	75	55	85	0.50	208	1	4.8	15		DAIKIN MQTHIS										
VAV-2-3	105-DISPATCH 106-RECORDS	225	210	0.05	4	8	17	2.2	2-10	210	55	85	0.50	208	1	13.2	15		DAIKIN MQTHIS										
VAV-2-4	107-SARGEANT 108-DETECTIVE	175	165	0.03	4	6	17	1.8	2-10	165	55	85	0.50	208	1	10.8	15		DAIKIN MQTHIS										
VAV-2-5	109-DETECTIVE	200	165	0.04	4	7	17	1.8	2-10	165	55	85	0.50	208	1	10.8	15		DAIKIN MQTHIS										
VAV-2-6	110-BREAK ROOM 112-QUARTERMASTER	575	565	0.01	10	11	13	6.0	2-10	565	55	85	0.50	208	1	36.1	40		DAIKIN MQTHIS										
VAV-2-7	136-HALLWAY	225	200	0.05	4	8	17	2.0	2-10	200	55	85	0.50	208	1	12.0	15		DAIKIN MQTHIS										
VAV-2-8	113-TRAINING ROOM	1000	985	0.03	12	10	9	10.0	2-10	985	55	85	0.50	208	3	34.7	35		DAIKIN MQTHIS										
VAV-2-9	121-GYM	225	210	0.05	4	8	17	2.2	2-10	210	55	85	0.50	208	1	13.2	15		DAIKIN MQTHIS										
VAV-2-10	201-RECORDS 206-STORAGE	300	275	0.07	4	14	16	2.8	2-10	275	55	85	0.50	208	1	16.8	20		DAIKIN MQTHIS										
VAV-2-11	203-CHIEF	225	220	0.05	4	8	17	2.2	2-10	220	55	85	0.50	208	1	13.2	15		DAIKIN MQTHIS										
VAV-2-12	204-LIEUTENANT	150	125	0.03	4	3	16	1.4	2-10	125	55	85	0.50	208	1	8.4	15		DAIKIN MQTHIS										
VAV-2-13	205-CONFERENCE	400	375	0.04	8	11	16	3.8	2-10	375	55	85	0.50	208	1	22.8	25		DAIKIN MQTHIS										
VAV-2-14	115-MENS RESTROOM 116-MENS LOCKER	300	250	0.07	4	14	16	2.6	2-10	250	55	85	0.50	208	1	15.6	20		DAIKIN MQTHIS										
VAV-2-15	117-WOMENS 118-WOMENS LOCKER	200	150	0.04	4	7	17	1.6	2-10	150	55	85	0.50	208	1	9.6	15		DAIKIN MQTHIS										

FAN SCHEDULE																						
UNIT NO.	LOCATION	SERVICE	FAN CHARACTERISTICS								MOTOR CHARACTERISTICS								MANUFACTURER & MODEL NO.	REMARKS		
			TYPE	BLADE TYPE	CFM	S.P. (in. WC)	MAX. BHP	FAN RPM	MAX. TIP SPEED (RPM)	MAX. OUTLET VELOCITY (FPM)	SONES	DRIVE	RPM	HP	VOLTS	HZ	PHASE	STARTER				
EF-1	ROOF	EXHAUST	DOWNBLAST	BI	1,050	0.5	0.16	1175	4016	1129	8.4	DIRECT	1,200	1/4	208	60	3	ASD	GREENHECK G-120-VG			
EF-122	ROOF	EXHAUST	DOWNBLAST	BI	100	0.25	0.01	1479	3146	526	3.3	DIRECT	1725	1/15	120	60	1	ASD	GREENHECK G-060-VG			
EF-124	ROOF	EXHAUST	DOWNBLAST	B	75	0.25	0.01	1387	2950	395	2.8	DIRECT	1725	1/15	120	60	1	ASD	GREENHECK G-060-VG			

DUCT SILENCER SCHEDULE																						
UNIT NO.	LOCATION	SERVICE	TYPE	MODULE SIZE				AIR FLOW (CFM)	FACE VELOCITY (FPM)	AIR P.D. (In. W.C.)	FLOW DIRECTION	DYNAMIC INSERTION LOSS (dB) (DIL) OCTAVE BAND CENTER FREQUENCY (Hz)								MANUFACTURER & MODEL No.	REMARKS	
				I.D. (In.)	O.D. (In.)	L (In.)	APPROX WEIGHT (LBS.)					62.5	125	250	500	1K	2K	4K	8K			
DS-1	INTERVIEW-127	VAV-1-5	CIRCULAR	12	20	36	52	60	76	0.0	+	3	5	11	18	32	42	29	16	PRICE CS - PA CODE C		
DS-1	INTERVIEW-130	VAV-1-4	CIRCULAR	12	20	36	52	50	63	0.0	+	5	12	21	37	47	36	21	15	PRICE CS - PA CODE C		