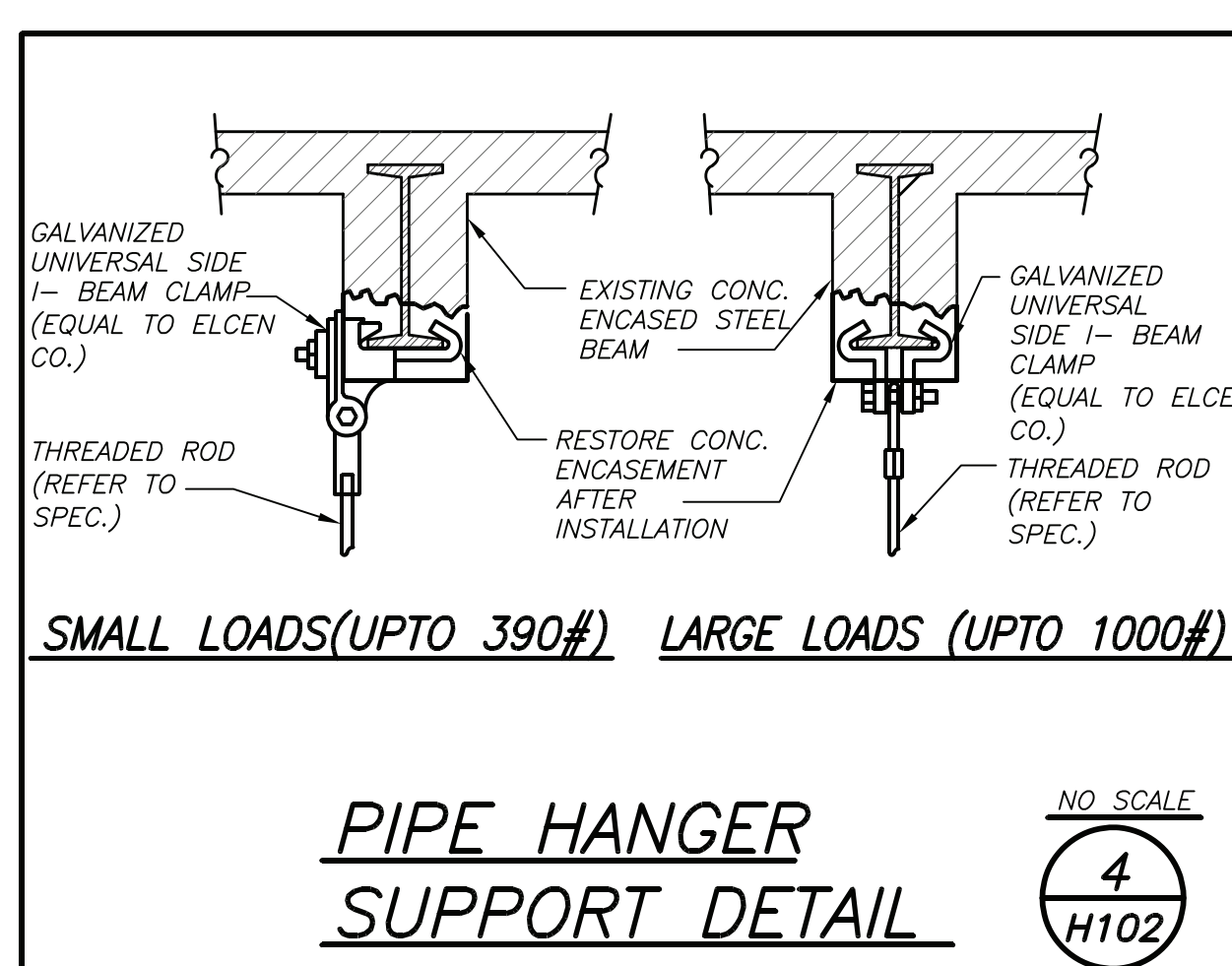
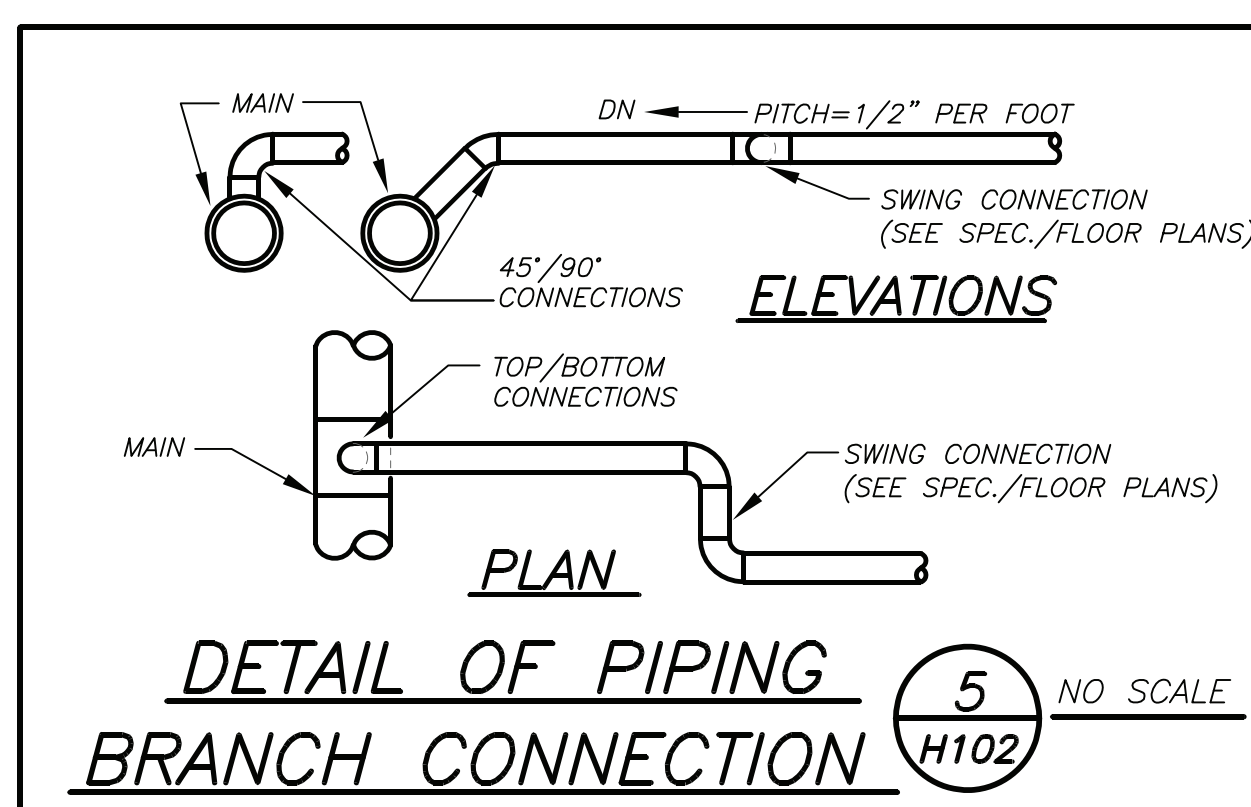


SCHEDULE OF ENERGY RECOVERY UNITS																										
GENERAL DATA					SUPPLY FAN DATA			RETURN-EXHAUST FAN DATA			HEATING COIL DATA				PRE & AFTER-FILTER DATA			ELECTRICAL DATA			ERU DIMENSION & WTS.				REMARKS	
MARK	SERVICE	LOCATION	OUTSIDE AIR CFM	MODEL No. ①	CFM	EXT. S.P. IN. WG	MOTOR HP	CFM	RA E.S.P. IN. WG	MOTOR HP	MARK	TOT. CAP. MBH	MIN. COIL FACE AREA	STEAM PRES.	NO.	SIZE	TYPE	V/PH/Hz	MCA	MOC/P	L	W	H	WTS-#		
ERU 1	GYM	STORAGE ROOM	2700	VERY3000HH	2700	1.25	3.0	2700	1.25	3.0	HC 1	208	2.0	2 PSI	-	-	MERV 13	208/3/60	27.0	30	58	58	60	700	REFER TO 0000	
NOTES	① AS MANUFACTURED BY "ENERGY WALL"											④ UNIT SHALL BE DELIVERED IN MULTIPLE SECTIONS AND ASSEMBLED IN ROOM BY FACTORY TRAINED REPRESENTATIVE. UNIT SHALL BE INSTALLED ON CONCRETE HOUSE KEEPING PAD. PROVIDE NEOPRENE MATTE PAD VIBRATION ISOLATORS AT BASE OF UNIT.														
	② INSTALL PER MANUFACTURER'S RECOMMENDATIONS.											⑤ DESIGN AIR CONDITIONS: SUMMER OA (95°/75°F) RA (75°/63°F)														
	③ PROVIDE FACTORY INSTALLED VARIABLE SPEED CONTROL, MOTORIZED SUPPLY/EXHAUST DAMPERS (FIELD INSTALLED), DAMPER END SWITCHES, RE-CIRCULATION DRY CONTACTS, LOW TEMP LIMIT, DIRTY FILTER SWITCH, MERV 13 FILTERS, BUCKET COMPATIBLE CONTROLLER, DUCT MOUNTED STEAM HEATING COIL, SUPPLY/RETURN TEMPERATURE SENSORS, REMOTE WALL MOUNTED (PLATE TYPE) TEMPERATURE SENSORS, DDC CONTROLLER TIED INTO DISTRICT ATC.											WINTER OA (0°/0°F) RA (70°/53°F)														

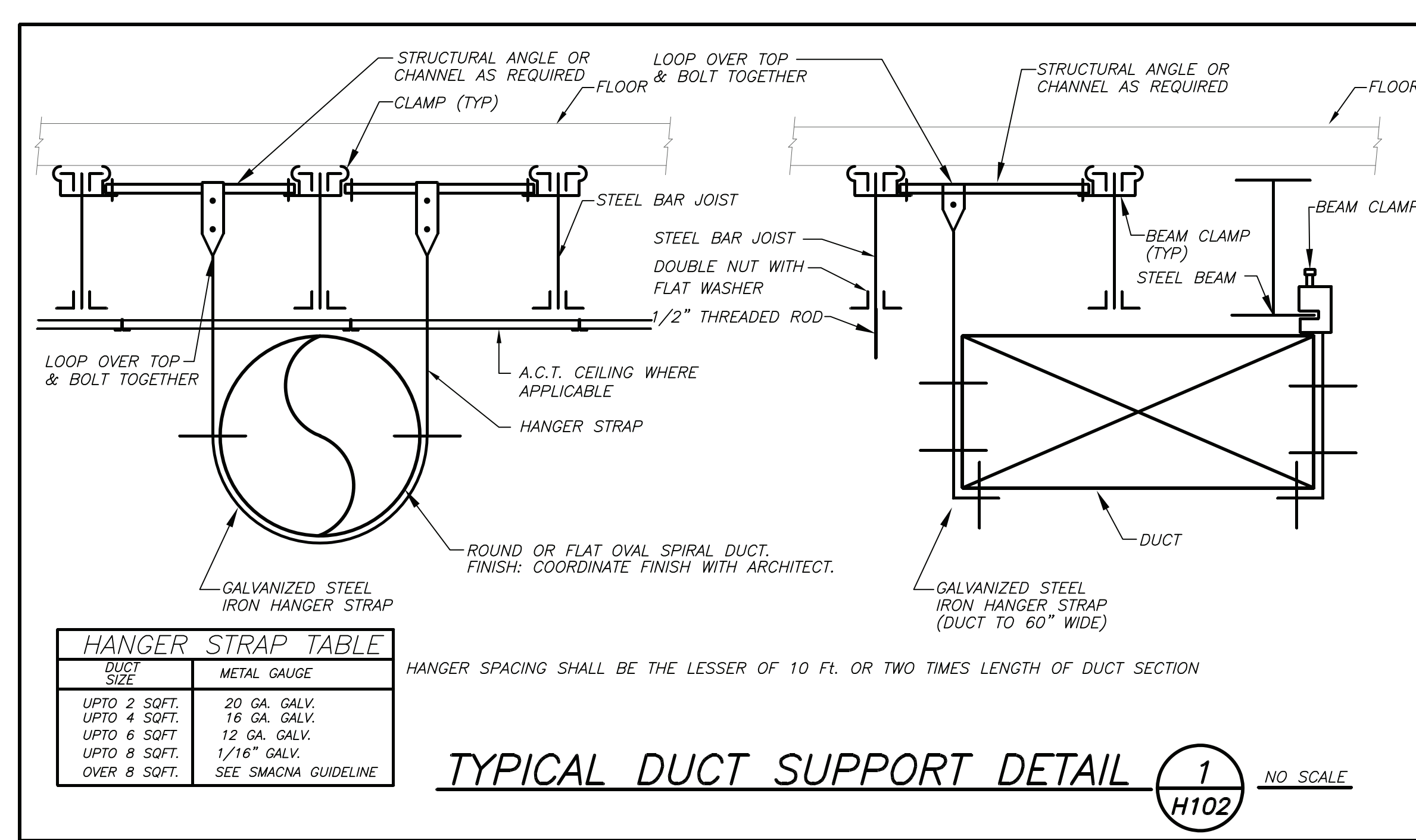
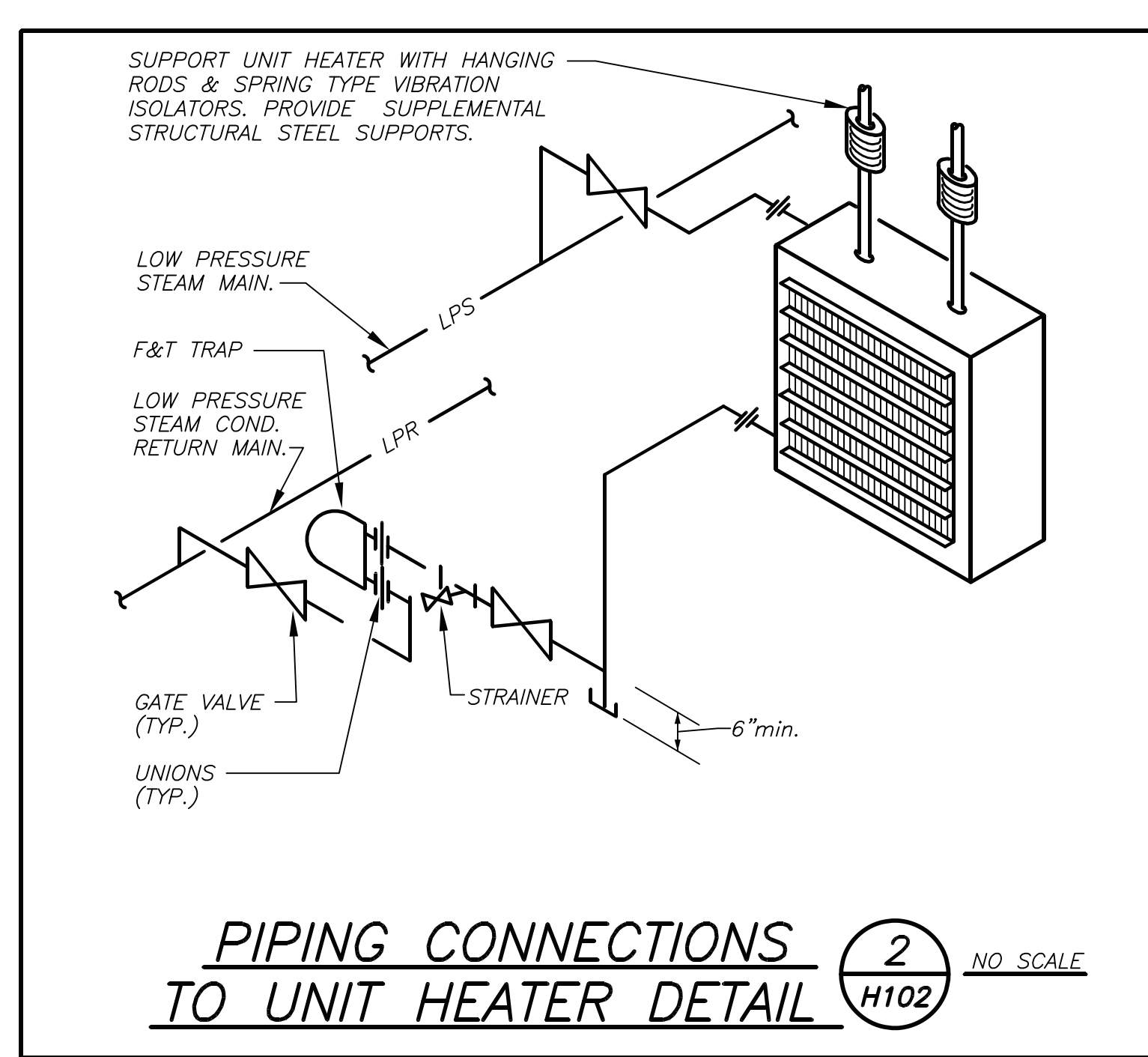
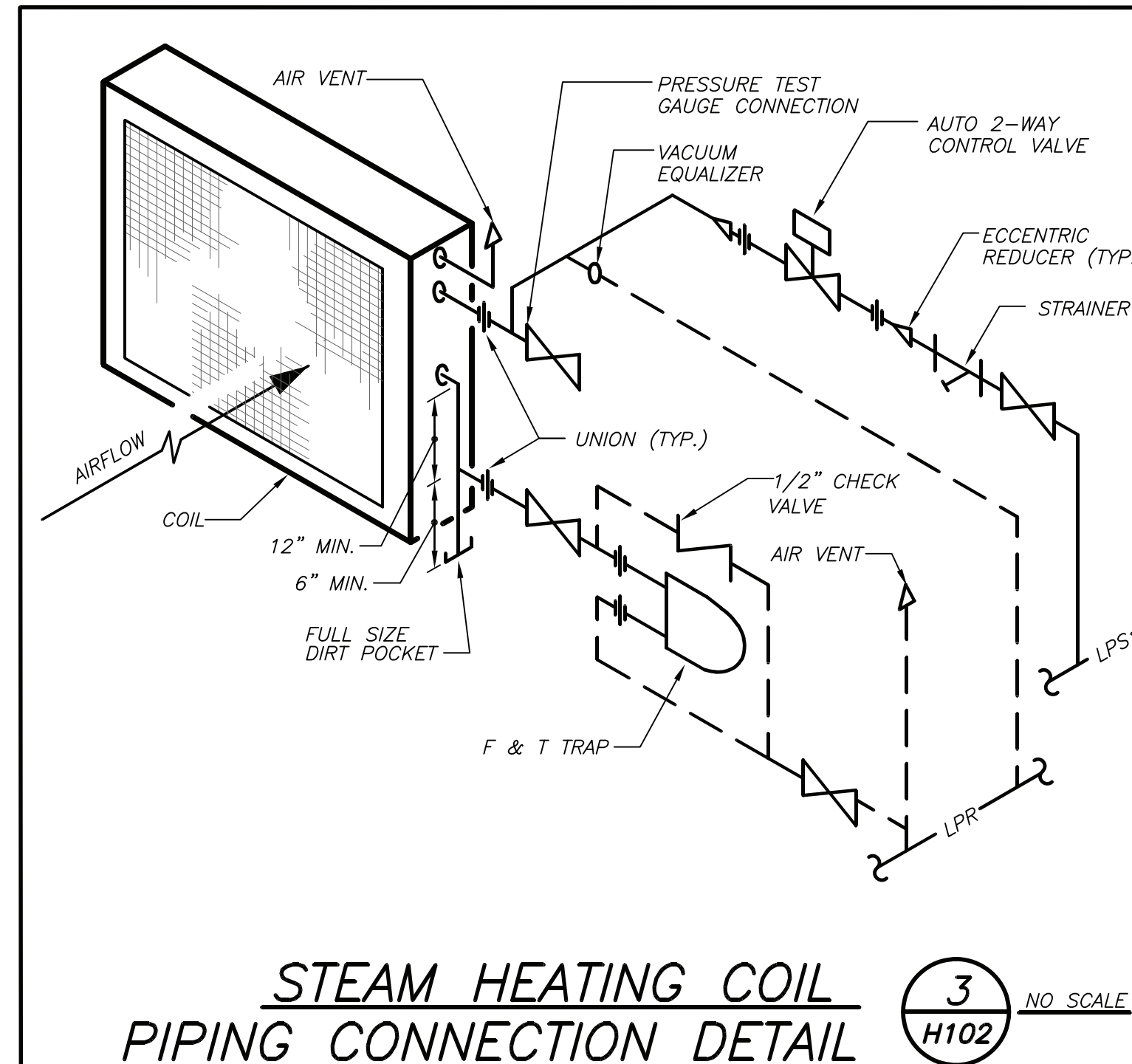
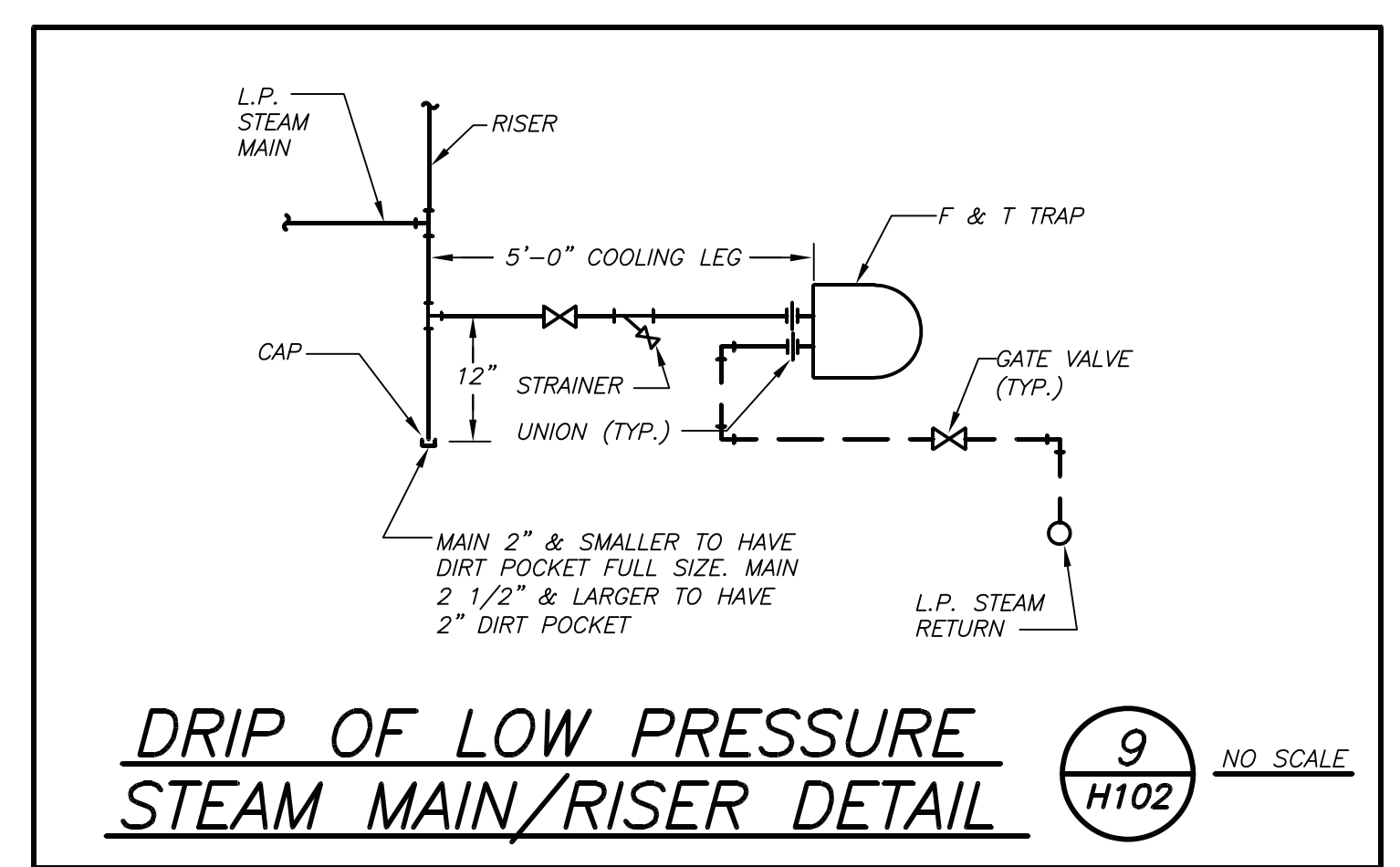
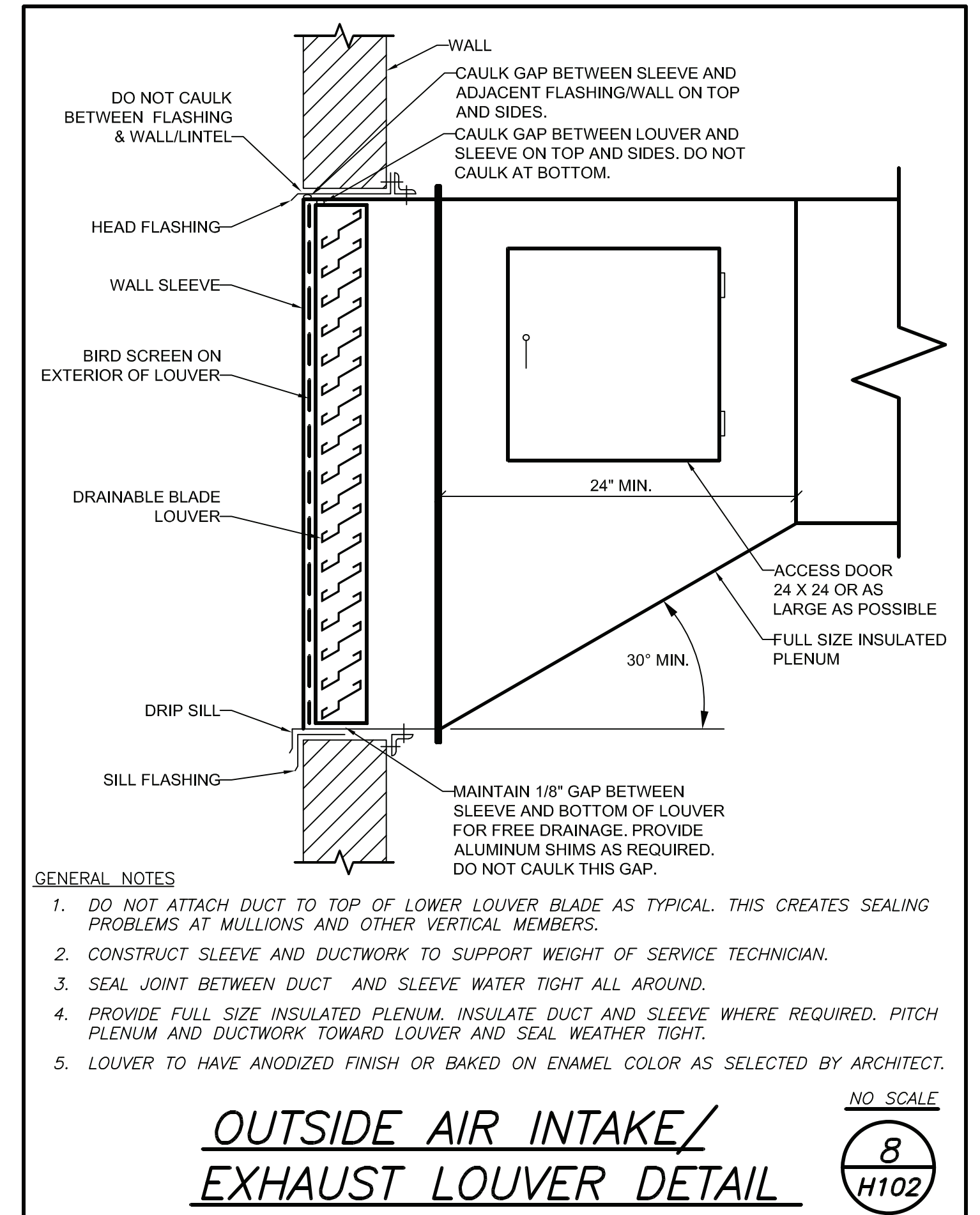


SCHEDULE OF DUCTLESS SPLIT SYSTEM AND VRF AIR CONDITIONING UNITS																								
GENERAL DATA					INDOOR UNIT INFORMATION					OUTDOOR CONDENSING UNIT INFORMATION														
MARK	SERVICE	MODEL No. ①	SUPPLY FAN DATA	TOTAL CAPACITY	COOLING/HEATING	W (IN.)	D (IN.)	H (IN.)	LBS	GENERAL INFO.	COMPRESSOR DATA	ELECTRIC SERVICE	UNIT DIMENSIONS (IN.)	UNIT WEIGHT (LBS)										
HC 1	DATA CLOSET	ARNU2435K44	450	0.52	208/1/60	24,200/25,600	47	11	14	35	HC 1	ARUN024C554	1	20.0	30.0	208/1/60	38Lx16Wx33H	175						

SCHEDULE OF MINIMUM VENTILATION ROOM FLOW RATES																			
ROOM NAME/NUMBER	ROOM AREA (SQ.FT.)	PEOPLE DENSITY (#/1000SQ.FT)	PEOPLE OUTDOOR AIR FLOW RATE (CFM/PERSON)	AREA OUTDOOR AIR FLOW RATE IN BREATHING ZONE (CFM/SQ.FT.)	EXHAUST AIR FLOW RATE (CFM/SQ.FT.)	NUMBER PEOPLE (Ax+B)=1000=#P	OUTDOOR AIR FLOW RATE WITHOUT ZONE EFFECTIVENESS FACTOR (Fx+C)+(Ax+D)=CFM	ZONE AIR DISTRIBUTION EFFECTIVENESS FACTOR	MINIMUM ROOM VENTILATION AIR FLOW RATE G+H=CFM										
GYM 4	2710	100	7.5	0.06	-	271	2135	0.8	2668										

SCHEDULE OF REGISTERS AND DIFFUSERS															
MARK	TYPE	SERVICE	MODEL No. ①	NOMINAL FACE SIZE	DIRECTION DISCHARGE	DAMPER TYPE	FINISH	REMARKS							
A	RETURN	RR	HD-30-45	24X24	-	OPPOSED BLADE	PER ARCH.	REFER TO 0000							
B	SUPPLY	SR	ECO-20	18x6	-	DIVERTER	↓	REFER TO 0000							
X	EXISTING	-	-	-	-	-	-								

SCHEDULE OF UNIT HEATER															
MARK	MODEL No. ①	CAPACITY DATA	MOTOR WATTS	ELECTRIC SERVICE	PHYSICAL DATA	DATA	REMARKS								
HS 1	HS-24	17400	2PSIG	16	120/1/60	15X10X18	50	REFER TO 0000							



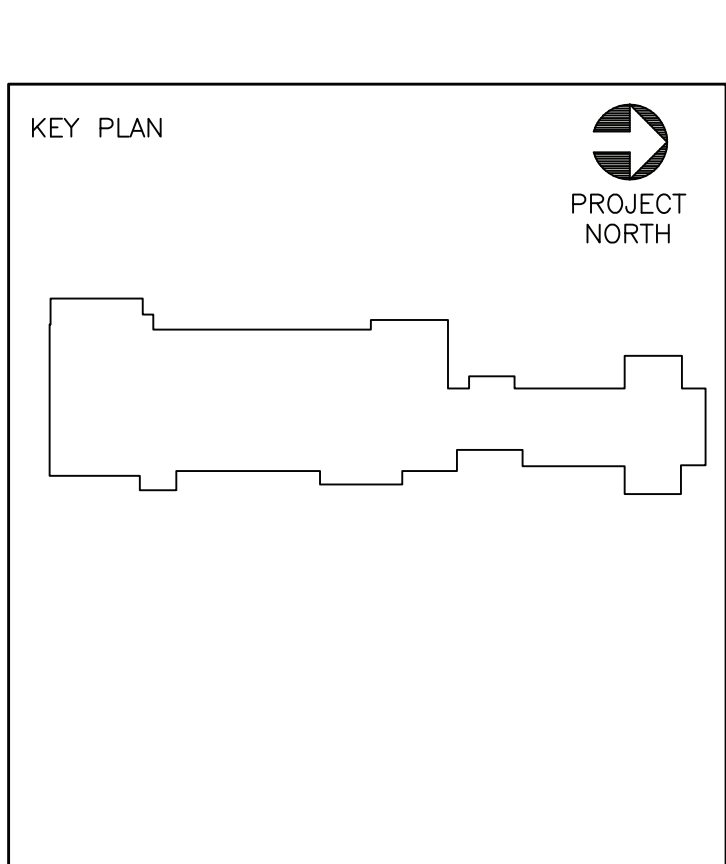
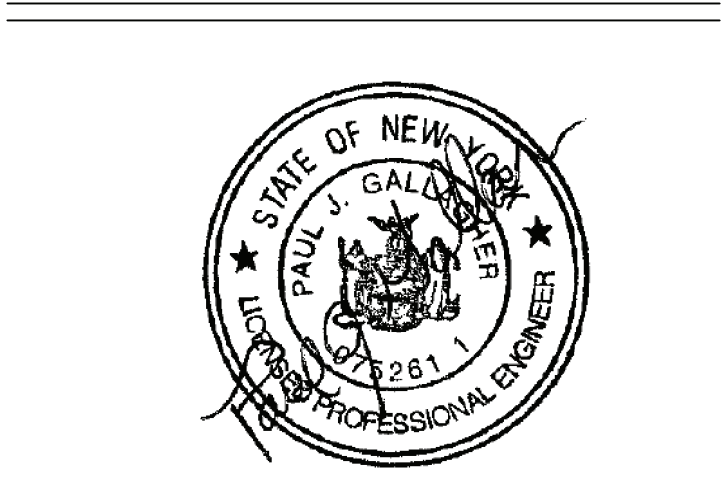
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YONKERS PROJECT NUMBER
10845

PROJECT NAME
YONKERS
PUBLIC SCHOOLS

PS 16 - YONKERS
759 NORTH BROADWAY
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PHONE: (914) 261-0000 FAX: (914) 261-0004 Email: BG@BG-Eng.com

REV. NO.	DATE	DESCRIPTION
01/23/19	01/23/19	SED FOR BUILDING PERMIT
09/15/19	09/15/19	ISSUED FOR BID
11/16/20	11/16/20	ISSUED FOR BID

SCALE: AS SHOWN DATE: 1/23/19
DRAWN BY: K.C. CHECKED BY: C.G.

DRAWING TITLE

SCHEDULES AND DETAILS

SHEET NO.

H102.00