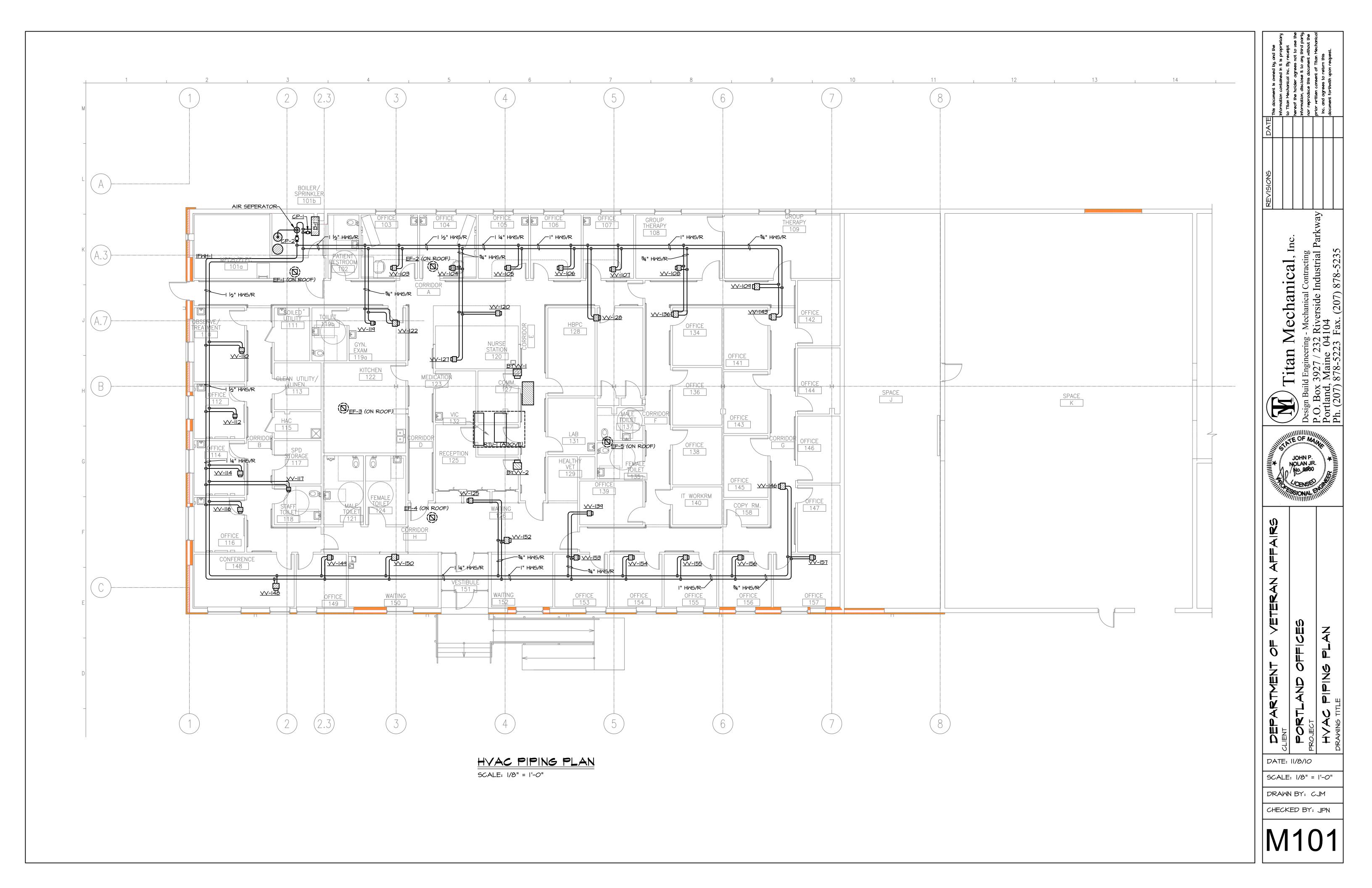
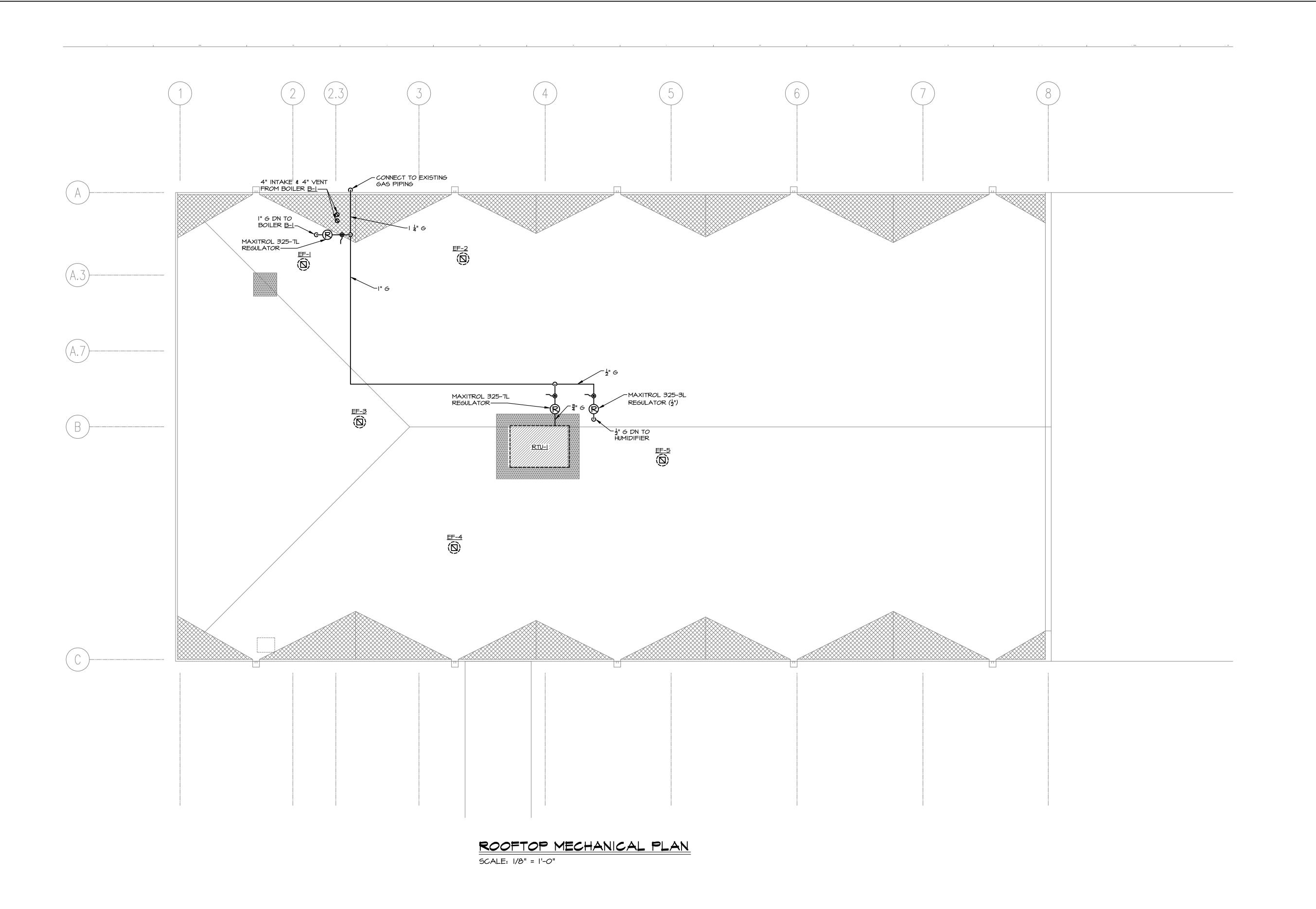


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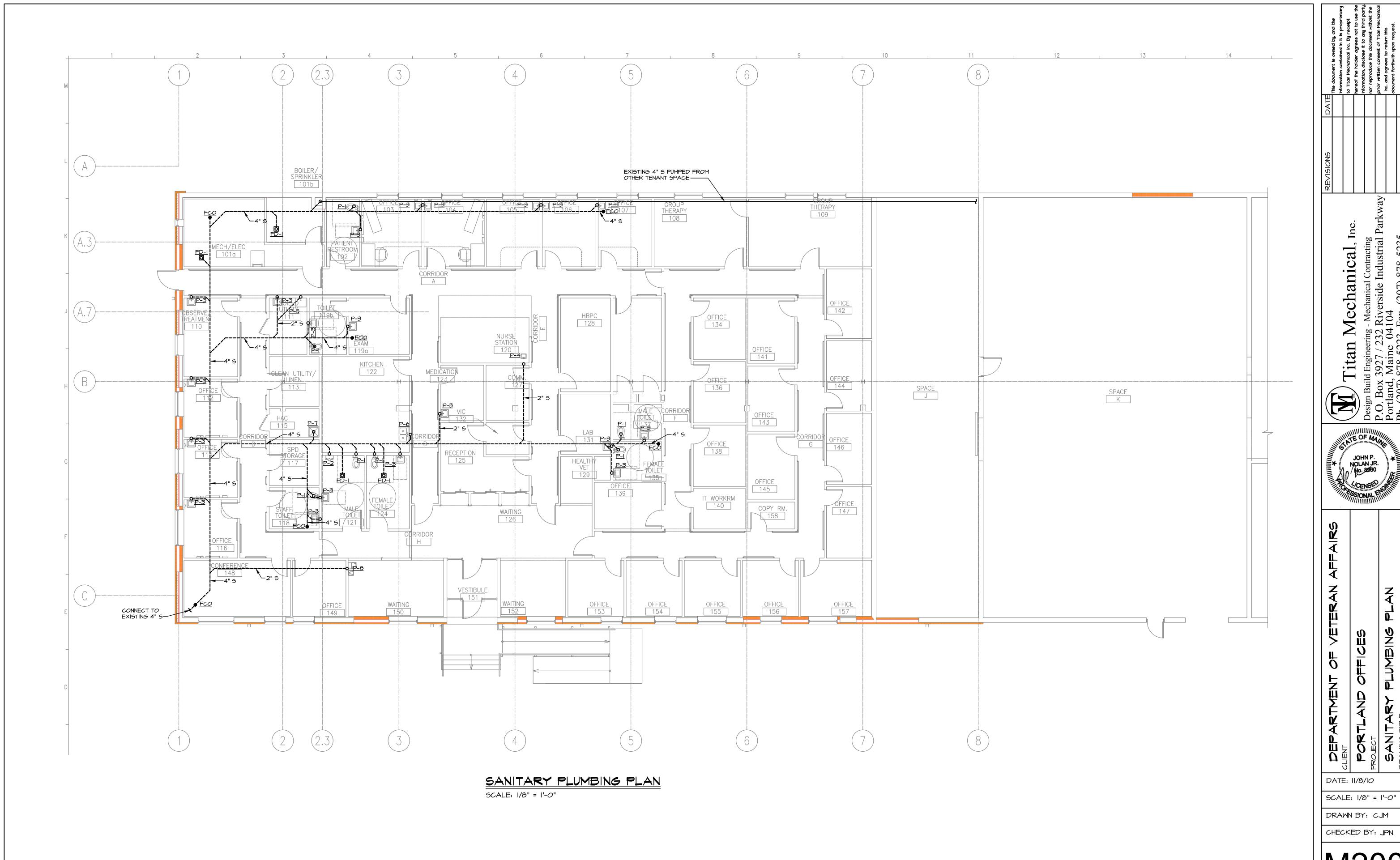


DEPARTMENT OF VETE

DATE: II/8/IO

SCALE: 1/8" = 1'-0" DRAWN BY: CJM

CHECKED BY: JPN



JOHN P. NOLAN JR. No. 8560



JOHN P. NOLAN JR. No. 8960

DATE: II/8/IO

CHECKED BY: JPN

		•	VAV E	30X S	CHEDI	JLE				
TAG	SERVES	MAX CFM	MIN CFM	INLET DIA. (INCHES)	HM COIL (BTU/ HR)	COIL (GPM)	CIRCUIT SETTER	PIPE RUNOUTS	MODEL SIZE	REMARKS
/AV-103	OFFICE 103	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-104	OFFICE 104	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-105	OFFICE 105	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-106	OFFICE 106	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-107	OFFICE 107	275	140	-	7,000	0.5	1/2"	1/2"	-	-
/AV-108	GROUP THERAPY 108	375	190	-	10,000	0.7	1/2"	1/2"	-	-
/AV-109	GROUP THERAPY 109	650	325	-	17,000	1.2	1/2"	3/4"	-	-
VAV-IIO	OBSERVE 110	420	210	-	8,000	0.5	1/2"	1/2"	-	-
VAV-II2	OFFICE II2	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-114	OFFICE 114	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-116	OFFICE 116	275	140	-	7,000	0.5	1/2"	1/2"	-	-
VAV-117	SPD STORAGE	125	65	-	2,500	0.2	1/2"	1/2"	-	-
VAV-119	GYN EXAM II9	125	65	-	3,000	0.2	1/2"	1/2"	-	-
/AV-120	NURSE STATION 120	375	190	-	10,000	0.7	1/2"	1/2"	-	-
/AV-122	KITCHEN 122	370	185	-	7,000	0.5	1/2"	1/2"	-	-
/AV-125	RECEPTION 125	230	II5	-	4,500	0.3	1/2"	1/2"	-	-
VAV-127	MED 123, COM 127	220	110	-	4,000	0.3	1/2"	1/2"	-	-
/AV-128	HBPC 128	450	225	-	10,000	0.7	1/2"	1/2"	-	-
/AV-136	OFFICES 134, 136, 138, 1T 140	610	3 <i>0</i> 5	-	10,000	0.7	1/2"	1/2"	-	-
VAV-139	OFFICE 139, LAB 131	250	125	-	4,500	0.3	1/2"	1/2"	-	-
/AV-143	OFFICES 141, 143, 145	375	190	-	7,500	0.5	1/2"	1/2"	-	-
/AV-146	OFFICES 142, 144, 146, 147	620	310	-	10,000	0.7	1/2"	1/2"	-	-
/AV-148		375	190	-	10,000	0.7	1/2"	1/2"	-	-
/AV-149	OFFICE 149	225	II5	-	7,000	0.5	1/2"	1/2"	-	-
/AV-150	WAITING 150	500	500	-	15,000	1.0	1/2"	3/4"	-	-
√AV-152	WAITING 152	650	650	-	18,000	1.2	1/2"	3/4"	-	-
/AV-153	OFFICE 153	230	II5	-	7,000	0.5	1/2"	1/2"	-	-
/AV-154	OFFICE 154	230	II5	-	7,000	0.5	1/2"	1/2"	-	-
/AV-155	OFFICE 155	230	II5	-	7,000	0.5	1/2"	1/2"	-	-
/AV-156	OFFICE 156	230	II5	-	7,000	0.5	1/2"	1/2"	-	-
/AV-157	OFFICE 157	350	175	-	10,000	0.7	1/2"	1/2"	-	-
BYVV-I	RTU-I	2500	0	-	N/A	N/A	N/A	N/A	-	-
3YVV-2	RTU-2	2500	0	-	N/A	N/A	N/A	N/A	-	-

	FIXTU	RE S	CHE	DULE		
TAG	FIXTURE	CM	HM	WASTE	VENT	MODEL, REMARKS
P-I	ADA DUAL FLUSH WATER CLOSET	1/2"		3"	2"	TANK TYPE
P-2	URINAL	1/2"		2"	2"	W/ LOW FLOW FLUSH FLUSHOMETER
P-3	LAVATORY, WALL	1/2"	1/2"	I-I/2"	I-I/2"	W/ GOOSENECK FAUCET
P-4	S.S. DROP-IN HAND SINK	1/2"	1/2"	I-I/2"	I-I/2"	W/ GOOSENECK FAUCET
P-5	S.S. COUNTERTOP/ UTILITY SINK	1/2"	1/2"	2"	I-I/2"	W/ GOOSENECK FAUCET
P-6	ADA DOUBLE BOWL S.S. KITCHEN SINK	1/2"	1/2"	2"	I-I/2"	W/ GOOSENECK FAUCET
P-7	24"x24" MOP SINK	1/2"	1/2"	2"	2"	-
P-8	ADA DRINKING FOUNTAIN	1/2"		I-I/2"	I-I/2"	-
FPHB	FREEZE PROTECTED HOSE BIB	1/2"				-
FD-I	FLOOR DRAIN			2"	2"	W/ TRAP PRIMER

GF	RILLES,	REGISTE	R S, \$	DIFF	USER	SCHEDULE
TAG	NECK (INCHES)	FACE SIZE (INCHES)	CFM	SP (M.G.)	THROW (FEET)	REMARKS
SD-I	8"Ф	24×24	0-210	0.05	-	LAY-IN
SD-2	ΙΟ"Φ	24×24	211-410	0.05	-	LAY-IN
RG-I	-	12x12	0-275	0.05	-	3/4" SPACED BLADES, 45°
RG-2	-	24×24	276-1000	0.05	-	3/4" SPACED BLADES, 45°
RG-3	-	48×24	1001-2000	0.05	-	3/4" SPACED BLADES, 45°
EG-I	-	12x12	0-275	0.05	-	3/4" SPACED BLADES, 45°
EG-2	-	24×24	276-1000	0.05	-	3/4" SPACED BLADES, 45°

NOTES: ALL GRD'S MAX NC=30 ALL UNITS SHALL BE ANEMOSTAT OR EQUAL ALL SD'S SHALL HAVE EQUALIZING VANES, FLAT WHITE FINISH, AND BE 4-WAY BLOW PATTERN.

					F	AN	SCH	EDULE				
TAG	SERVES	CFM	SP (W.G.)	V/PH/HZ	HP	WATTS	RPM	LxMxH (INCHES)	WEIGHT (POUNDS)	MOD. NO.	CONTROLS	REMARKS
EF-I	MECHANCIAL RM	500	0.2	115/1/60	1/10	-	1550	-	-	ACME PRNIOO	T'STAT	ROOF-MTD
EF-2	OFFICE 104	275	0.25	115/1/60	1/10	-	1300	ı	-	ACME PRNIOO	HVAC CONTROLS	ROOF-MTD
EF-3	BATHROOMS	825	0.3	115/1/60	1/4	-	1300	1	-	ACME PRNIIØE	HVAC CONTROLS	ROOF-MTD
EF-5	WAITING	1,150	0.25	115/1/60	1/4	-	1725	-	-	ACME PRNIIØE	HVAC CONTROLS	ROOF-MTD
EF-6	BATHROOMS	150	0.25	115/1/60	1/10	-	1550	-	-	ACME PRNO80-2	WALL SWITCH	ROOF-MTD

			.	PUMF	9 50	HED	ULE			
TAG	SERVES	TYPE	GPM	HEAD	HP	RPM	ELECTRIC	MEIGHT (POUNDS)	MOD. NO.	REMARKS
CP-I	B-I	INLINE	35	15'	1/2	3450	120/1/60	7.5	TACO 2400-50	-
CP-2	HMS/R	INLINE	35	45'	1.0	-	460/3/60	-	TACO 1616	-
CP-3	IFMH-I	INLINE	22	18'	1/2	3450	120/1/60	7.5	TACO 2400-50	-
CP-4	DOM. HW RECIRC	INLINE	1.5	6'	1/40	3250	120/1/60	-	TACO 006B	BRONZE

		٥	XPANSI	ON TA	NK SCHE	DUL	E		
TAG	SERVES	TOTAL TANK VOL. (GAL)	ACCEPT. VOL. (GAL)	MAX TEMP (°F)	MAX PRESSURE (PSIG)	DIA. (IN)	HEIGHT (IN)	MODEL	REMARKS
ET-I	HWS/R	32	II.3	240	100	16	48	AMTROL SX-60V	-
ET-2	DOM. HW	4.4	ı	200	150	П	15	AMTROL ST-12	-

							R	00	FT	OP	UN	IT SCHE	EDULE									
TAG	AREA SERVED	V/HZ/PH	MAX FUSE (AMPS)	MCA	WEIGHT (LBS)		EXT. SP.		FUEL	EAT	LAT	HEATING INPUT (MBH)	OUTPUT (MBH)	EDB	EMB	COO LWB		TONS	EER	REFRIGERANT	MODEL	REMARKS
RTU-I	BUILDING HVAC	460/60/3	70	59	2800	10,000	0.75	10	NG	_	_	400	324	80	67	57	59	25	11.0	R-410A	YCD30IE4	-

						GAS E	BOILER	SCHED	ULE			
TAG	SERVES	INPUT (MBH)	OUTPUT (MBH)	EFF. (%)	FUEL	BURNER (FT3/MIN)	SIZE (LXMXH)	VENT SIZE (IN Φ)	MEIGHT (POUNDS)	ELECTRIC	MOD. NO.	REMARKS
B-I	BUILDING HMS/R	399	374	93	NG	-	45"x 9"x26"	4" INTAKE 4" VENT	-	115/1/60	HEAT TRANSFER	-

		IND	IRE	ST-F	FIRE	DY	NATER	HEATER SCH	HEDULE	
TAG	SERVES	STORAGE (GAL)	DIA. (IN)					180°F BOILER WATER IST HOUR RATING @ 115°F	MODEL	REMARKS
IFMH-I	DOM. HOT WATER	60	23 1/4	53 ½	-	10	7.9	370	SUPERSTOR SSU-60	-

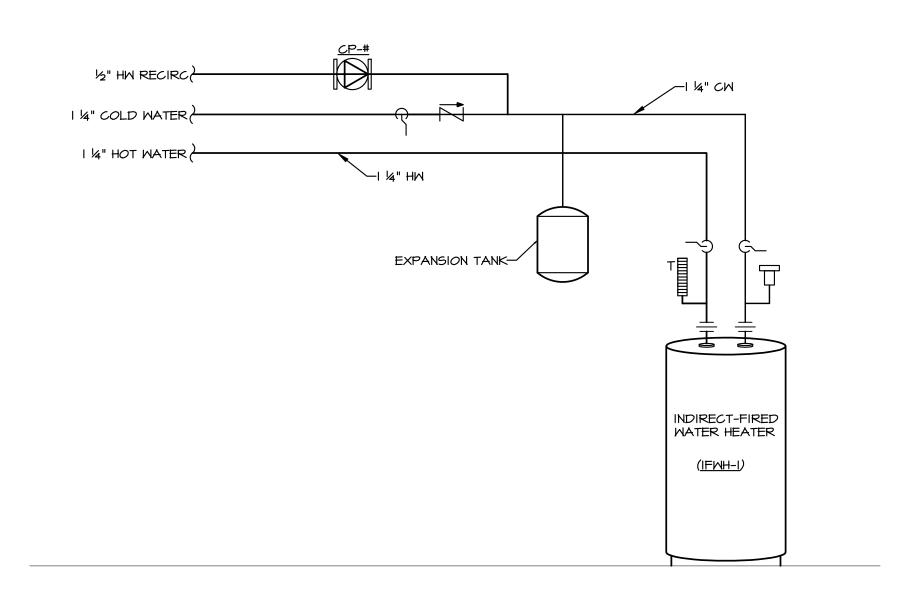
		H	UMIDIFIER	R SCH	≣ D U!	_E			
TAG	SERVES	REQ'D CAPACITY (LBS/ HR)	CAPACITY (LBS/ HR)	ELECTRIC	AMPS	FUEL	INPUT (MBH)	MODEL	REMARKS
HUM-I	RTU-I	52	75	115/1/60	1.8	NG	100	GTS-100	-

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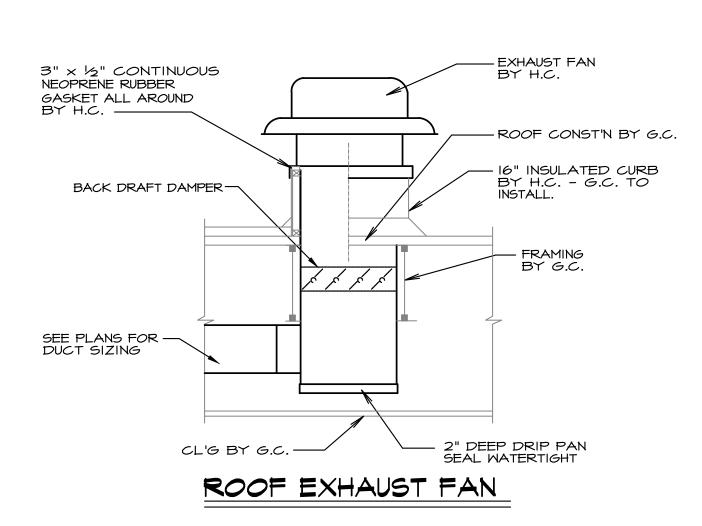
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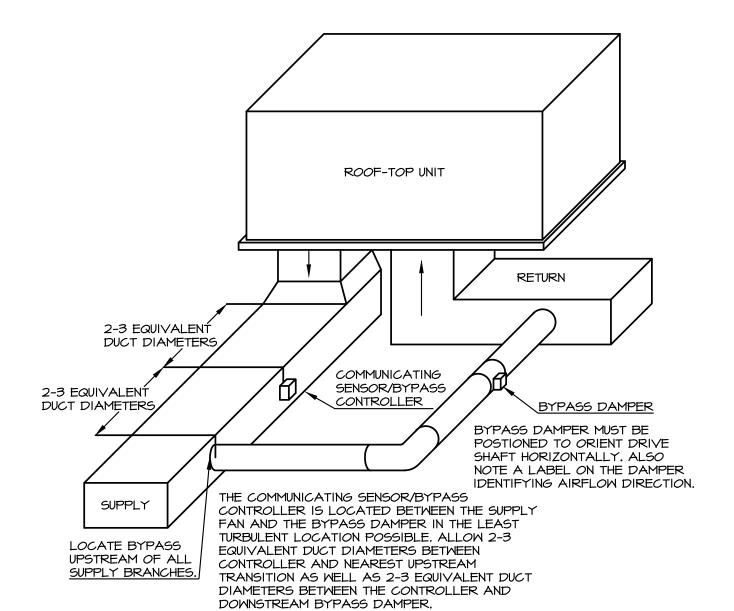
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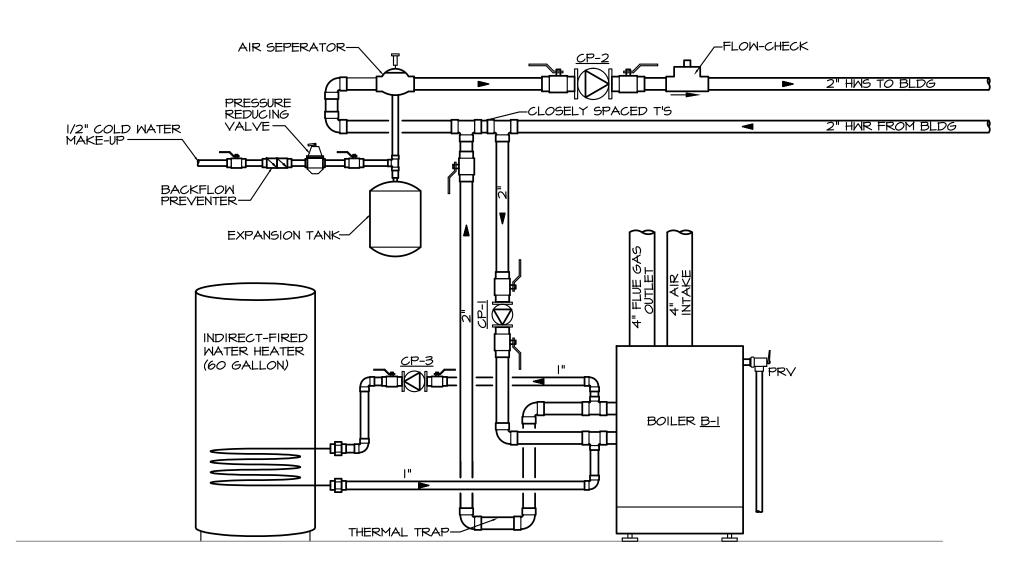


DOMESTIC HOT WATER PIPING DETAIL

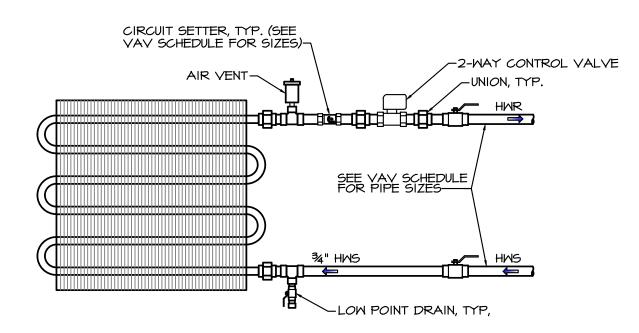




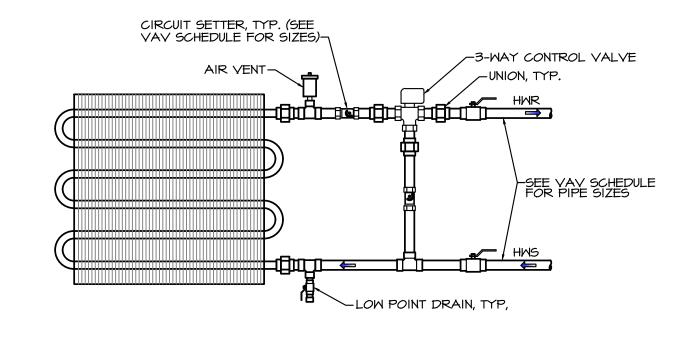
COMMUNICATING SENSOR/BYPASS CONTROL & BYPASS DAMPER INSTALLATION DETAIL



BOILER PIPING SCHEMATIC SCALE: NONE



VAV HM COIL PIPING DETAIL
SCALE: NONE



VAV HM COIL PIPING DETAIL (VV-146 & VV-143) SCALE: NONE

DATE: II/8/IO

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

DRAWN BY: CJM

CHECKED BY: JPN

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