





ERV		ENERGY RECOVERY UNIT SCHEDULE (PART 1)																																						
TAG NO.	BUILDING	SUPPLY AIR PERFORMANCE							EXHAUST AIR NORMAL PERFORMANCE					DX COOLING COIL								HEATING COIL										ELECTRICAL DATA						WEIGHT LBS	SUPPLY FILTER	OUTDOOR FILTER
		SUPPLY IN CFM	MIN. OA IN CFM	ESP (IN WC)	TSP (IN WC)	FAN RPM	OPERATING POWER HP	MOTOR SIZE HP	EXH./RET. OUT CFM	E.S.P. IN (W.C.)	TOTAL SP IN (W.C.)	FAN RPM	OPERATING POWER HP	MOTOR SIZE HP	REFRIG TYPE	TOTAL MBH	SENSIBLE MBH	ROWS	EAT (DB °F)	EAT (WB °F)	LAT (DB °F)	LAT (WB °F)	CAPACITY (MBH)	GPM	EAT (DB °F)	LAT (DB °F)	EWT (DB °F)	LWT (DB °F)	% GLYCOL	WPD (FT)	APD (IN WC)	MCA	MOCp	V	PHASE	HZ				
7ERV-1	SOLID HANDLING BLDG. 1ST FLOOR	13,500	13,500	1.5	3.76	2265	(2) 7.46	(2) 7.5	13,500	1.5	3.282	2465	(2) 9.39	(2) 10	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	787.9	84.7	46.7	100.6	180	160	40% P.G.	9.4	0.144	48.2	60	480	3	60	5,307	MERV-6	MERV-8	
7ERV-2	SOLID HANDLING BLDG. 1ST FLOOR	11,900	11,900	1.5	3.385	2120	(2) 6.29	(2) 7.5	11,900	1.5	3.006	2252	(2) 7.18	(2) 7.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	717.6	77.2	48.8	104.5	180	160	40% P.G.	7.9	0.12	41.9	50	480	3	60	5,259	MERV-6	MERV-8	
7ERV-3	SOLID HANDLING BLDG. 2ND FLOOR	9,100	9,100	0.90	2.7	2197	(2) 3.52	(2) 5	9,100	0.60	2.521	2342	(2) 4.24	(2) 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	343.6	37.0	53.1	87.9	180	160	40% P.G.	6.2	0.037	28.7	35	480	3	60	5,089	MERV-6	MERV-8	
7ERV-4	SOLID HANDLING BLDG. 2ND FLOOR	9,100	9,100	0.90	2.7	2197	(2) 3.52	(2) 5	9,100	0.60	2.521	2342	(2) 4.24	(2) 5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	343.6	37.0	53.1	87.9	180	160	40% P.G.	6.2	0.037	28.7	35	480	3	60	5,089	MERV-6	MERV-8	

ENERGY RECOVERY UNIT SCHEDULE (PART 2)												
TAG NO.	ENERGY RECOVERY WHEEL PERFORMANCE										MANUFACTURER MODEL NUMBER	REMARKS
	WINTER CONDITIONS DESIGN					SUMMER CONDITIONS DESIGN						
	OUTDOOR		INDOOR			OUTDOOR		INDOOR				
	DB °F	WB °F	DB °F	HR%	DB °F	WB °F	DB °F	HR%				
7ERV-1	7.4	5.3	46.7	50	90.8	76.2	80.7	50	GREENHECK RVE-120-74-30H	①②③④⑤⑥⑦⑧⑨⑩		
7ERV-2	7.4	5.3	48.8	50	90.8	76.2	80.2	50	GREENHECK RVE-120-74-30H	①②③④⑤⑥⑦⑧⑨⑩		
7ERV-3	7.4	5.3	53.1	50	90.8	76.2	79.2	50	GREENHECK RVE-120-74-30H	①②③④⑤⑥⑦⑧⑨⑩		
7ERV-4	7.4	5.3	53.1	50	90.8	76.2	79.2	50	GREENHECK RVE-120-74-30H	①②③④⑤⑥⑦⑧⑨⑩		

- ① BASE RAILS ② LOW LEAKAGE DAMPERS ③ RECIRC. DAMPER ④ FACTORY SUPPLY & EXHAUST FAN VFD ⑤ ENERGY BYPASS WHEEL DAMPER  
⑥ FACTORY MOUNTED DISCONNECT ⑦ SINGLE POINT POWER CONNECTION ⑧ COORDINATE SUPPLY & EXHAUST DISCHARGE WITH FLOOR PLANS  
⑨ INSTALLED INDOORS ⑩ AIR FLOW STATIONS

MUA		MAKE-UP AIR UNIT SCHEDULE																				
TAG NO.	LOCATION	SUPPLY BLOWER					HEATING COIL							ELECTRICAL DATA					WEIGHT LBS	MANUFACTURER MODEL NUMBER	REMARKS	
		QA CFM	TSP (IN WC)	ESP (IN WC)	FAN BHP	FAN HP	CAPACITY (MBH)	GPM	EAT (DB °F)	LAT (DB °F)	EWT (DB °F)	LWT (DB °F)	% GLYCOL	WPD (FT)	FLA	MOP	V	PH				HZ
7MUA-1	SOLID HANDLING BLDG. 1ST FLOOR	4,000	1.71	1.4	3.29	5	372.7	32.6	7	83	180	160	40% P.G.	13	7.6	20	480	3	60	—	GREENHECK LFC-85-FC-50	①②③④⑤⑥

- ① BASE RAILS ② FACTORY MOUNTED DISCONNECT ③ SINGLE POINT POWER CONNECTION ④ VFD RATED MOTOR ⑤ INSTALLED INDOORS ⑥ AIR FLOW STATION

<div><div>B</div>BOILER SCHEDULE</div>																		
TAG NO.	BUILDING	OUTPUT CAPACITY (NET IBR)	FIRING RATE	EFFICIENCY		OPERATING PRESSURE (PSIG)	WATER				ELECTRICAL DATA				WEIGHT (LBS)	MANUFACTURER MODEL NUMBER	REMARKS	
		MBH	OIL (GPH)	COMBUSTION	THERMAL		EW (FT)	LWT (°F)	GPM	GLYCOL	WPD (FT)	HP	V	PH				HZ
7 B-1	SLUDGE HANDLING	2506	20.7	88.4	88.4	—	180	160	300	40% P.G.	—	2	208	1	60	—	BURHAM MPC15	POWER FLAME C3-0

<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 2px 5px; margin-right: 10px;">P</div> <h2 style="margin: 0;">PUMP SCHEDULE</h2> </div>														
TAG NO.	BUILDING	SYSTEM SERVED	TYPE	GPM	HEAD (FT.)	GLYCOL	FLUID TEMP °F	RPM	ELECTRICAL DATA				MANUFACTURER MODEL NUMBER	REMARKS
									MOTOR HP	V	PH	HZ		
7HWP-1	SLUDGE HANDLING	H.W.	END	300	60	40% P.G.	180	1725	7.5	480	3	60	TACO 2510C	①
7HWP-2	SLUDGE HANDLING	H.W.	END	300	60	40% P.G.	180	1725	7.5	480	3	60	TACO 2510C	①

- ① VFD RATED MOTOR

EXPANSION TANK SCHEDULE										
TAG NO.	BUILDING	SERVICE	SYS TEMP (°F)		SYS PRESS (PSIG)		TANK ACCEPTANCE VOLUME (GAL)	TANK AIR CHARGE (PSIG)	MANUFACTURER MODEL NUMBER	REMARKS
			MIN	MAX	MIN	MAX				
7 ET-1	SLUDGE HANDLING	H.W.	50	180	15	150	61	12	TACO CBX-425	—

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UH		HOT WATER UNIT HEATER HEATER SCHEDULE															
TAG NO.	SERVICE	CFM	MBH	WATER SIDE						ELECTRICAL DATA					MANUFACTURER MODEL NUMBER	REMARKS	
				GPM	% GLYCOL	WPD (FT)	EWTF (°F)	LWTF (°F)	HP	FLA	V	PH	HZ				
7UH-1	SOLID HANDLING BLDG. 1ST FLOOR	1,120	32.8	3.3	40 P.G.	0.2	180	160	1/10	0.70	120	1	60	RITTILING MODEL RH-63	-		
7UH-2	SOLID HANDLING BLDG. 1ST FLOOR	730	23.9	2.4	40 P.G.	0.1	180	160	1/15	0.72	120	1	60	RITTILING MODEL RH-47	-		
7UH-3	SOLID HANDLING BLDG. 1ST FLOOR	630	17.3	1.7	40 P.G.	0.1	180	160	1/15	0.72	120	1	60	RITTILING MODEL RH-33	-		
7UH-4	SOLID HANDLING BLDG. 1ST FLOOR	630	17.3	1.7	40 P.G.	0.1	180	160	1/15	0.72	120	1	60	RITTILING MODEL RH-33	-		
7UH-5	SOLID HANDLING BLDG. 1ST FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-6	SOLID HANDLING BLDG. 1ST FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-7	SOLID HANDLING BLDG. 1ST FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-8	SOLID HANDLING BLDG. 2ND FLOOR	630	17.3	1.7	40 P.G.	0.1	180	160	1/15	0.72	120	1	60	RITTILING MODEL RH-33	-		
7UH-9	SOLID HANDLING BLDG. 2ND FLOOR	1,340	43.7	4.4	40 P.G.	0.4	180	160	1/10	1.30	120	1	60	RITTILING MODEL RH-86	-		
7UH-10	SOLID HANDLING BLDG. 2ND FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-11	SOLID HANDLING BLDG. 2ND FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-12	SOLID HANDLING BLDG. 2ND FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-13	SOLID HANDLING BLDG. 2ND FLOOR	1,550	57.2	5.7	40 P.G.	0.4	180	160	1/8	1.58	120	1	60	RITTILING MODEL RH-108	-		
7UH-14	SOLID HANDLING BLDG. 2ND FLOOR	1,120	32.8	3.3	40 P.G.	0.2	180	160	1/10	0.70	120	1	60	RITTILING MODEL RH-63	-		
7UH-15	SOLID HANDLING BLDG. 2ND FLOOR	450	12.2	1.2	40 P.G.	0.4	180	160	1/30	0.70	120	1	60	RITTILING MODEL RH-24	-		
7UH-16	SOLID HANDLING BLDG. 2ND FLOOR	1,120	32.8	3.3	40 P.G.	0.2	180	160	1/10	0.70	120	1	60	RITTILING MODEL RH-63	-		
7UH-17	SOLID HANDLING BLDG. 1ST FLOOR	450	12.2	1.2	40 P.G.	0.4	180	160	1/30	0.70	120	1	60	RITTILING MODEL RH-24	-		
7UH-18	SOLID HANDLING BLDG. 1ST FLOOR	450	12.2	1.2	40 P.G.	0.4	180	160	1/30	0.70	120	1	60	RITTILING MODEL RH-24	-		

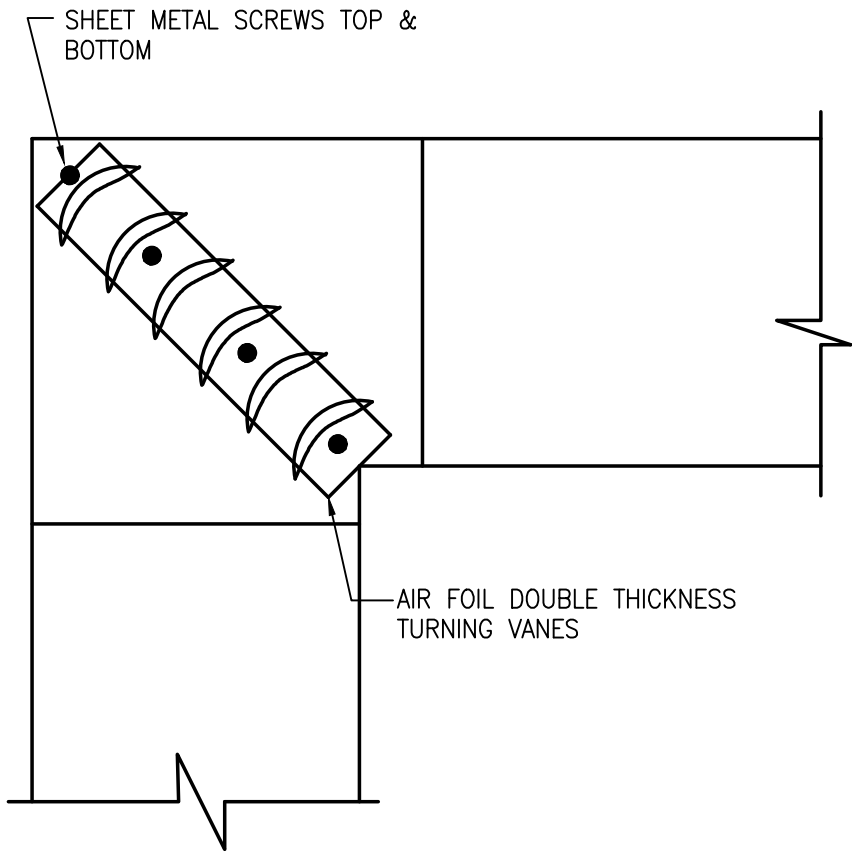
CUH		HORIZONTAL CABINET UNIT HEATER SCHEDULE														
TAG NO.	SERVICE	CFM	MBH	WATER SIDE							ELECTRICAL DATA				MANUFACTURER MODEL NUMBER	REMARKS
				GPM	% GLYCOL	WPD (FT)	EWTF (°F)	LWTF (°F)	HP	V	PH	HZ				
7CUH-1	SOLID HANDLING BLDG. 1ST FLOOR	300	12.5	1.5	40 P.G.	0.4	130	113.2	1/60	120	1	60	RITTLING MODEL RFRG-420	2 ROW COIL		

DIFFUSER, REGISTER & GRILLE SCHEDULE								
TAG NO.	MODULE SIZE (IN)	SERVICE	CFM RANGE		MAX. NC LEVEL	MANUFACTURER & MODEL NO.		REMARKS
			MIN	MAX				
SR-1	20x12	SUPPLY	500	1800	40	NAILOR 45DL-0		
SR-2	30x12	SUPPLY	1800	2400	40	NAILOR 45DL-0		
SR-3	50x12	SUPPLY	2500	3810	40	NAILOR 45DL-0		
SR-4	70x12	SUPPLY	3800	5000	40	NAILOR 45DL-0		
ER-1	18x12	RETURN	500	1000	40	NAILOR 6755H-HD		
ER-2	30x12	RETURN	1000	1600	40	NAILOR 6755H-HD		
ER-3	36x18	RETURN	1600	2500	40	NAILOR 6755H-HD		
ER-4	30x24	RETURN	2500	2800	40	NAILOR 6755H-HD		
ER-5	42x30	RETURN	2800	4400	40	NAILOR 6755H-HD		

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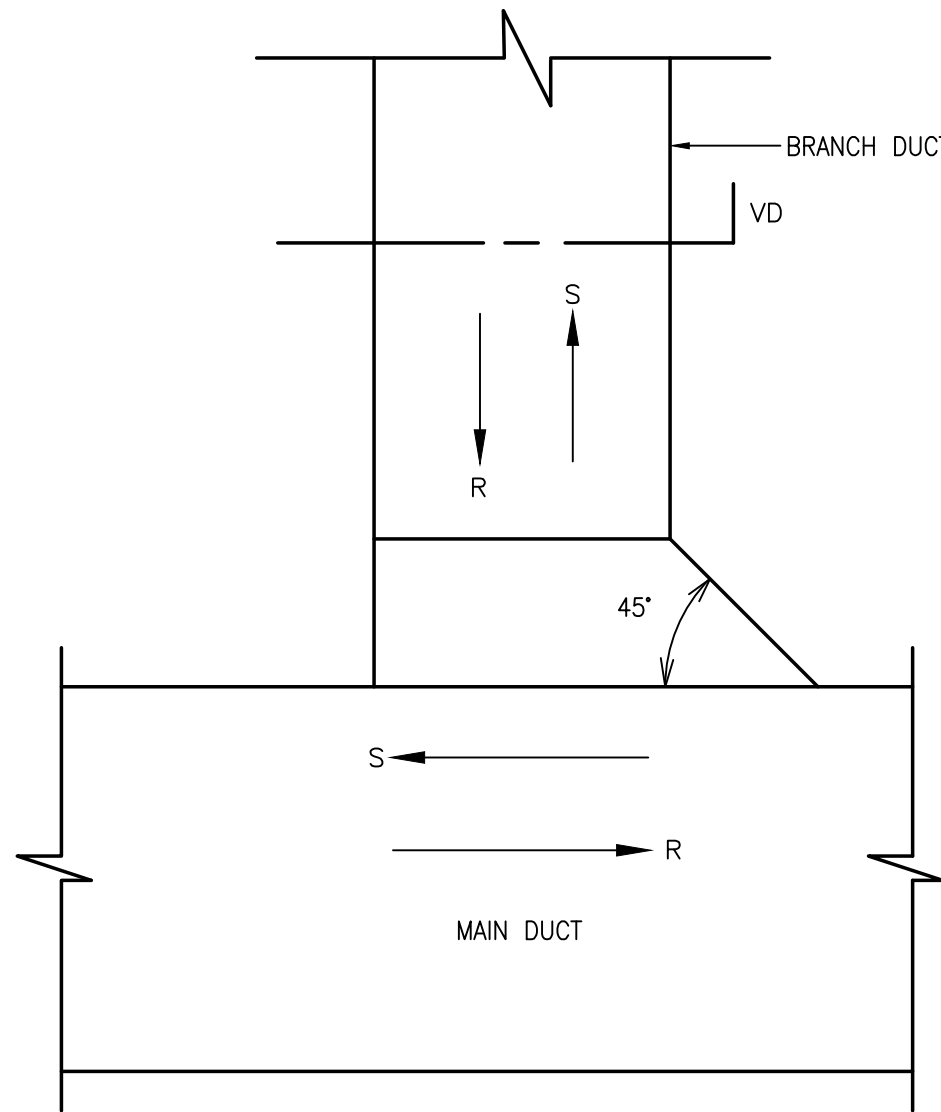


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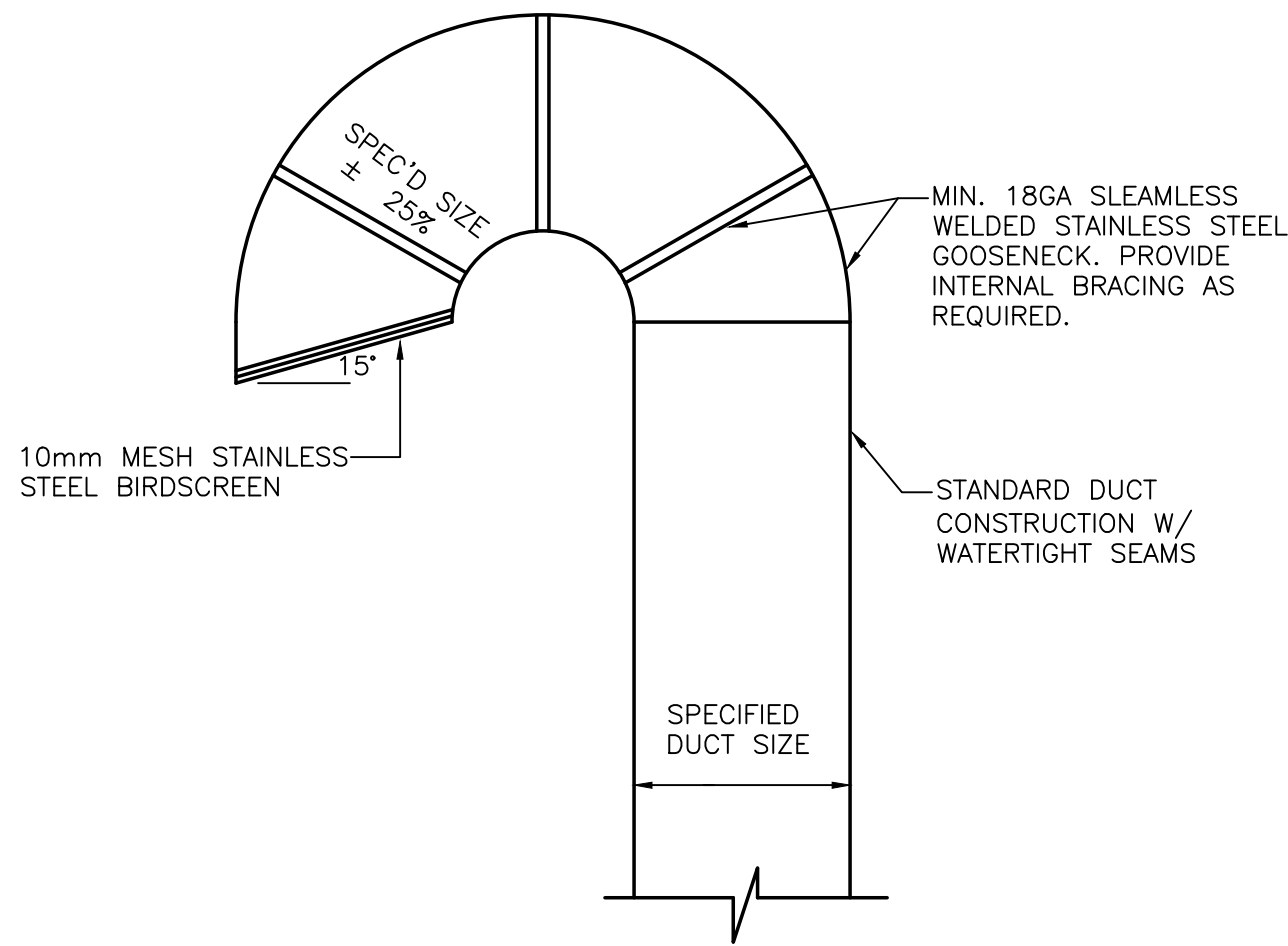


NOTE:  
PROVIDE TURNING VANES IN ALL 90°  
DUCT ELBOWS HAVING A CENTERLINE  
RADIUS LESS THEN 1/2 TIMES THE DUCT  
WIDTH.

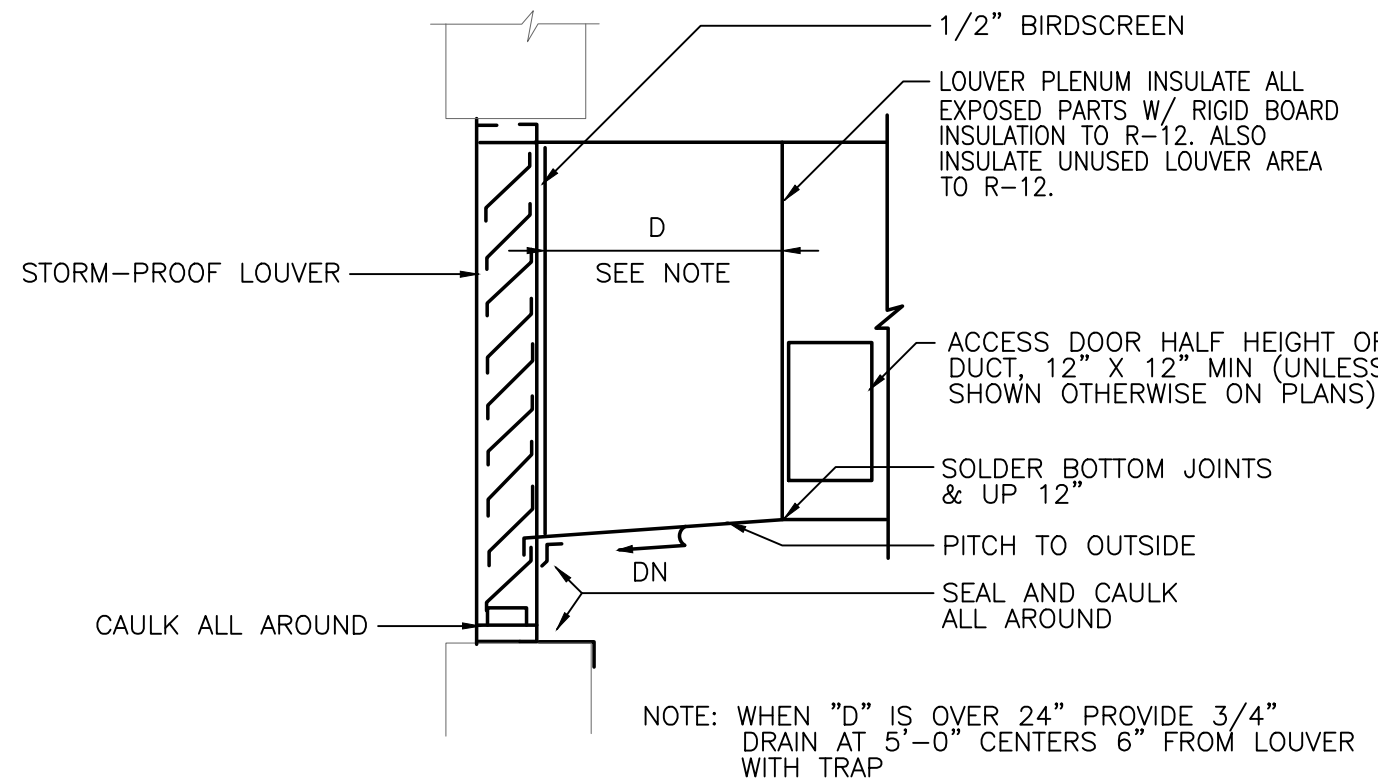
1 TYPICAL 90° DUCT ELBOW DETAIL  
NO SCALE



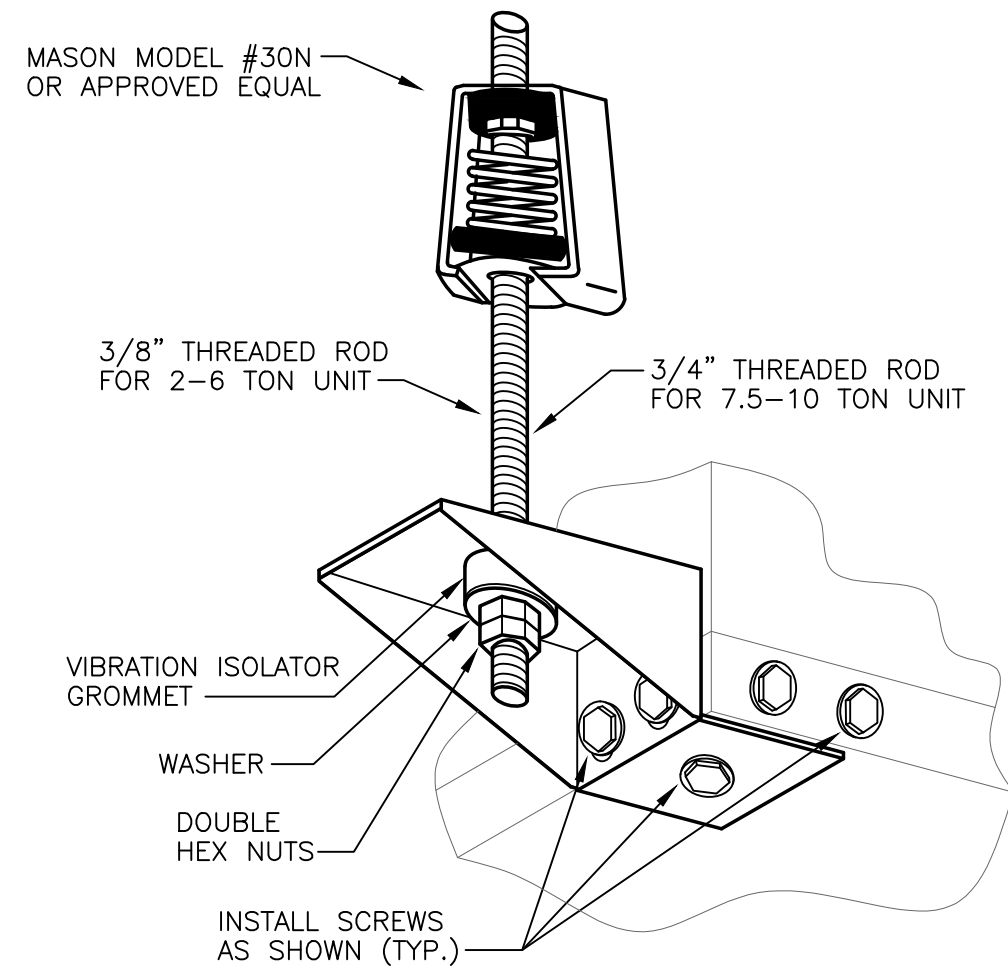
2 BRANCH DUCT CONNECTION DETAIL  
NO SCALE



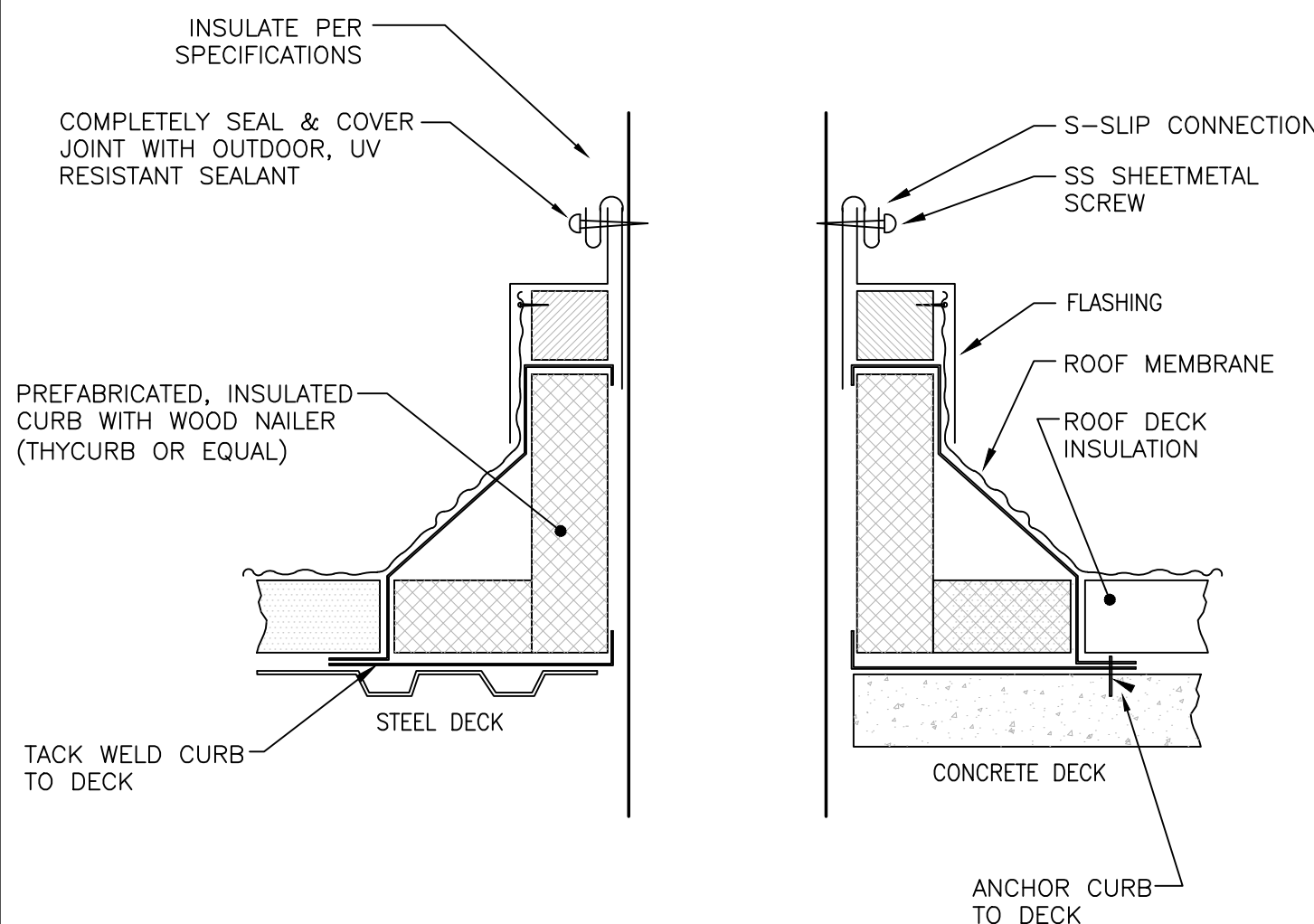
3 GOOSENECK DETAIL  
NO SCALE



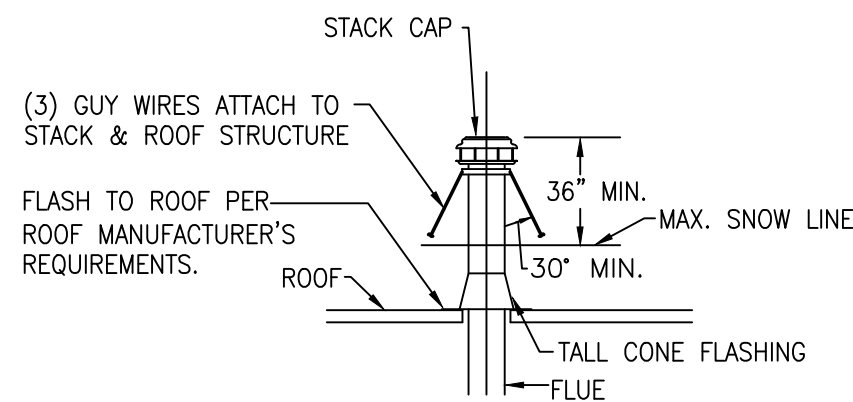
4 LOUVER CONNECTION  
NO SCALE



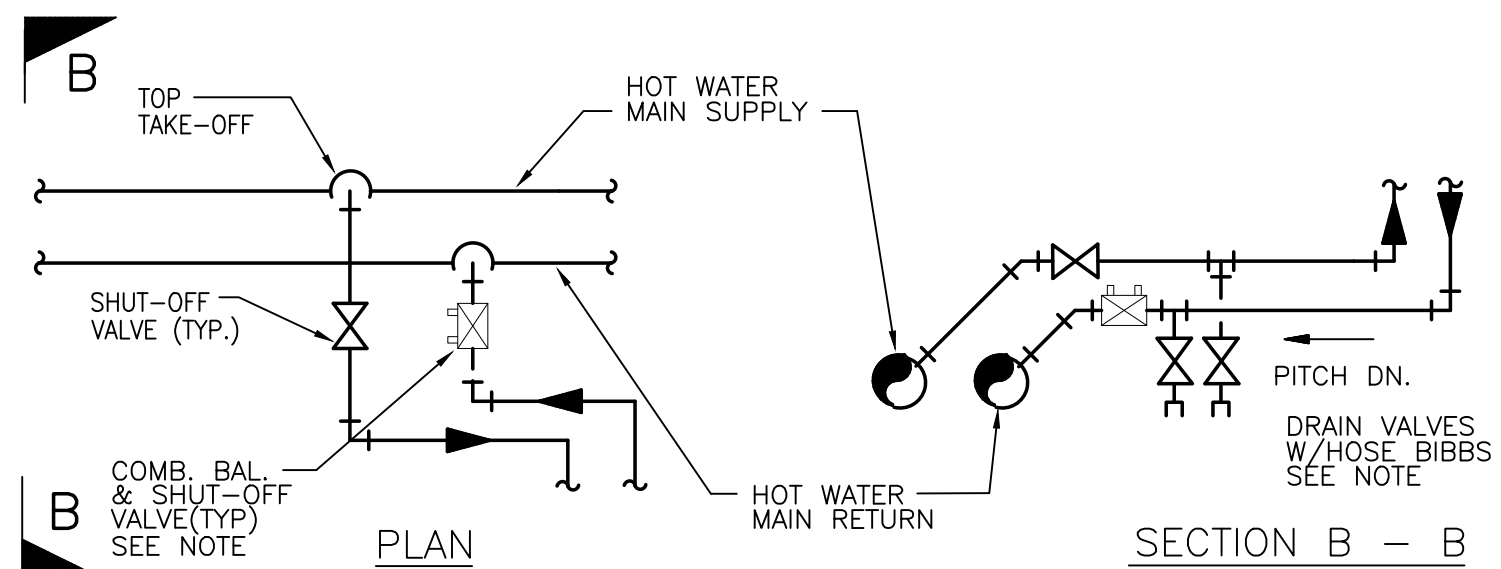
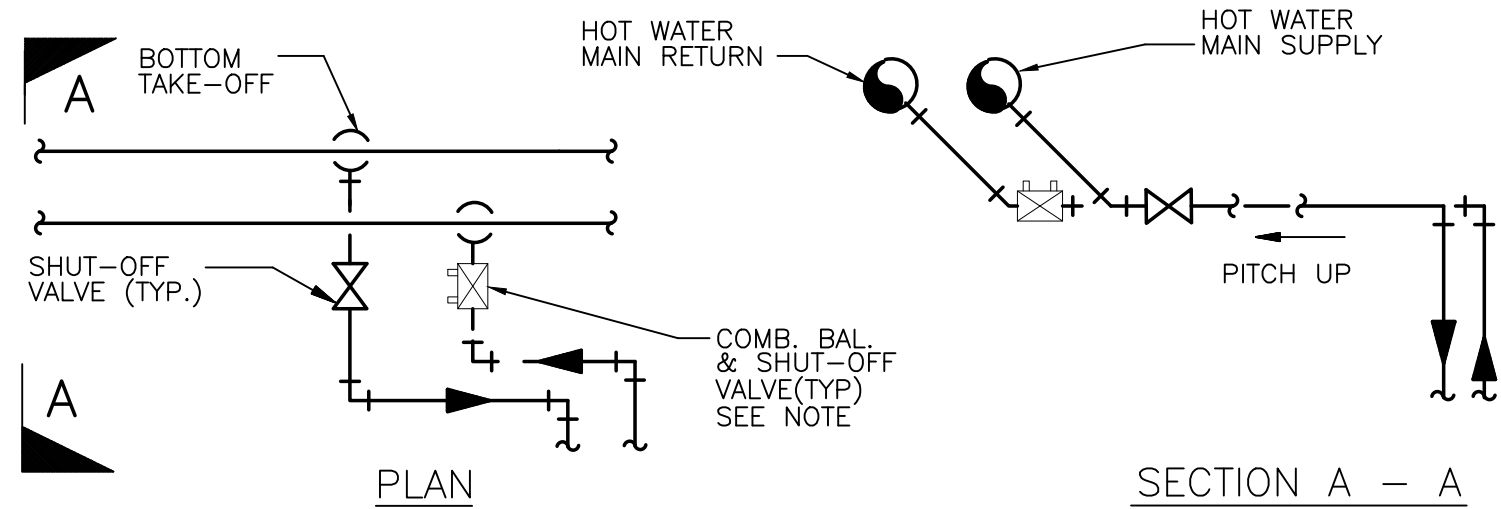
5 HORIZONTAL HEAT PUMP UNIT  
HANGER KIT ASSEMBLY  
NO SCALE



6 DUCT PENETRATION THRU ROOF DETAIL  
NO SCALE



7 FLUE & INTAKE THRU ROOF DETAIL  
NO SCALE



NOTE: COMBINATION FLOW MEASURING, BALANCING AND SHUT-OFF VALVES  
REQUIRED ON ALL BRANCHES 1 1/2" AND LARGER. PROVIDE BALL VALVES  
ONLY FOR ALL BRANCHES 1 1/4" AND SMALLER. PROVIDE 3/4" DRAIN VALVES  
WITH HOSE BIBBS CONNECTION AS SHOWN ON ALL BRANCHES 1 1/2" AND LARGER.  
COMBINATION FLOW MEASURING, BALANCING AND SHUT-OFF VALVES, AND DRAIN  
VALVES WITH HOSE BIBBS ARE ALSO REQUIRED ON ALL BRANCHES, 2 1/2" AND  
LARGER FROM ALL VERTICAL RISERS. SEE SPECIFICATION SECTION 15500 FOR  
VALVE REQUIREMENTS.

8 TYPICAL PIPING BRANCH TAKE-OFF DETAIL  
NO SCALE

PREPARED BY



REGISTERED PROFESSIONAL



SUBCONSULTANT



Mechanical/Electrical Engineers  
150 Grossman Drive, Suite 309  
Braintree, Massachusetts 02184  
617.328.9215  
web: www.sar.com

PROJECT

**Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling**

Taunton, MA

TITLE

Hvac Details

AS RE-ISSUED PER  
ADDENDUM #2

NO.	REVISIONS	DATE
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DRAWN BY:	RLB
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DESIGNED BY:	RHB
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CHECKED BY:	RHB
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ISSUE DATE:	10/16/2020
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BETA JOB NO.:	6050
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SCALE

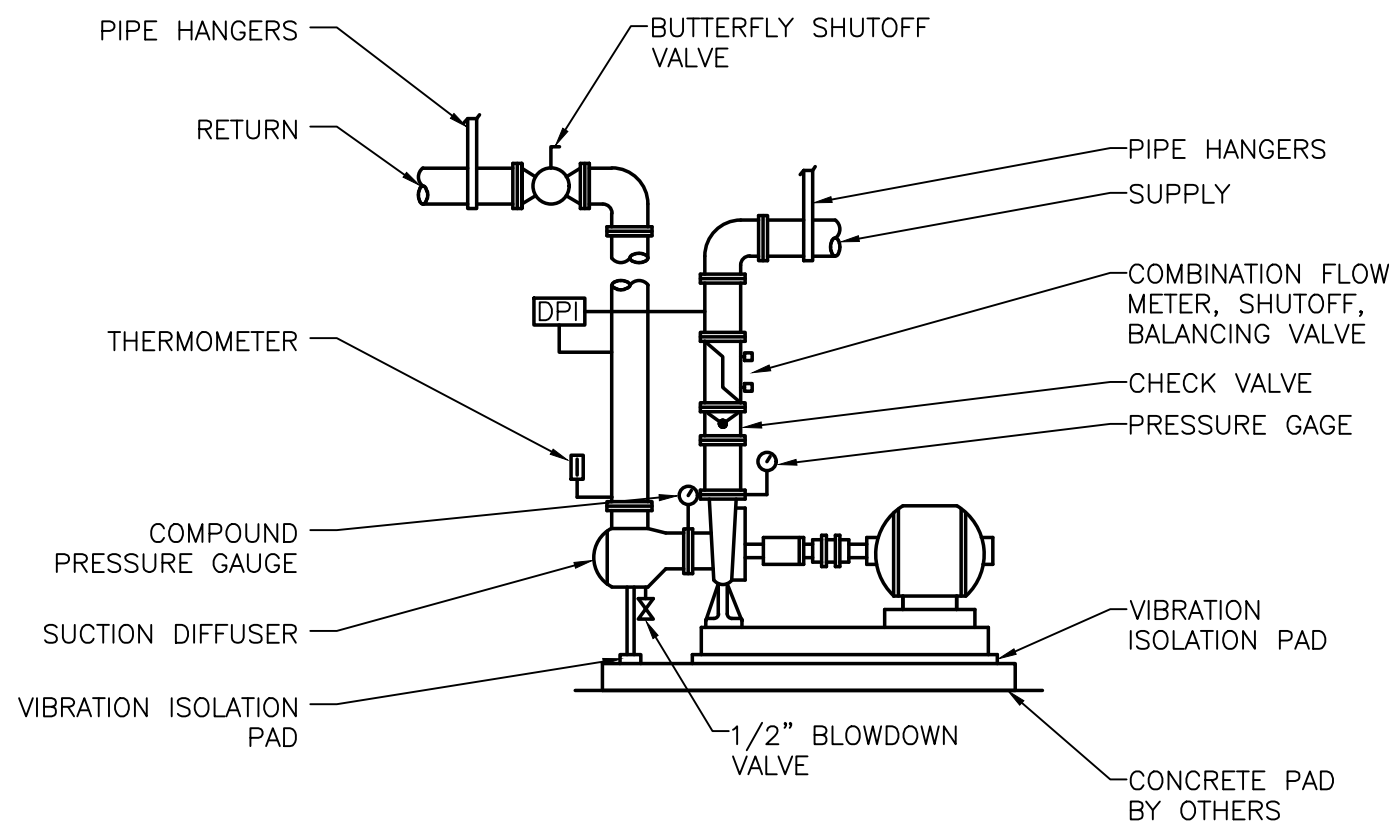
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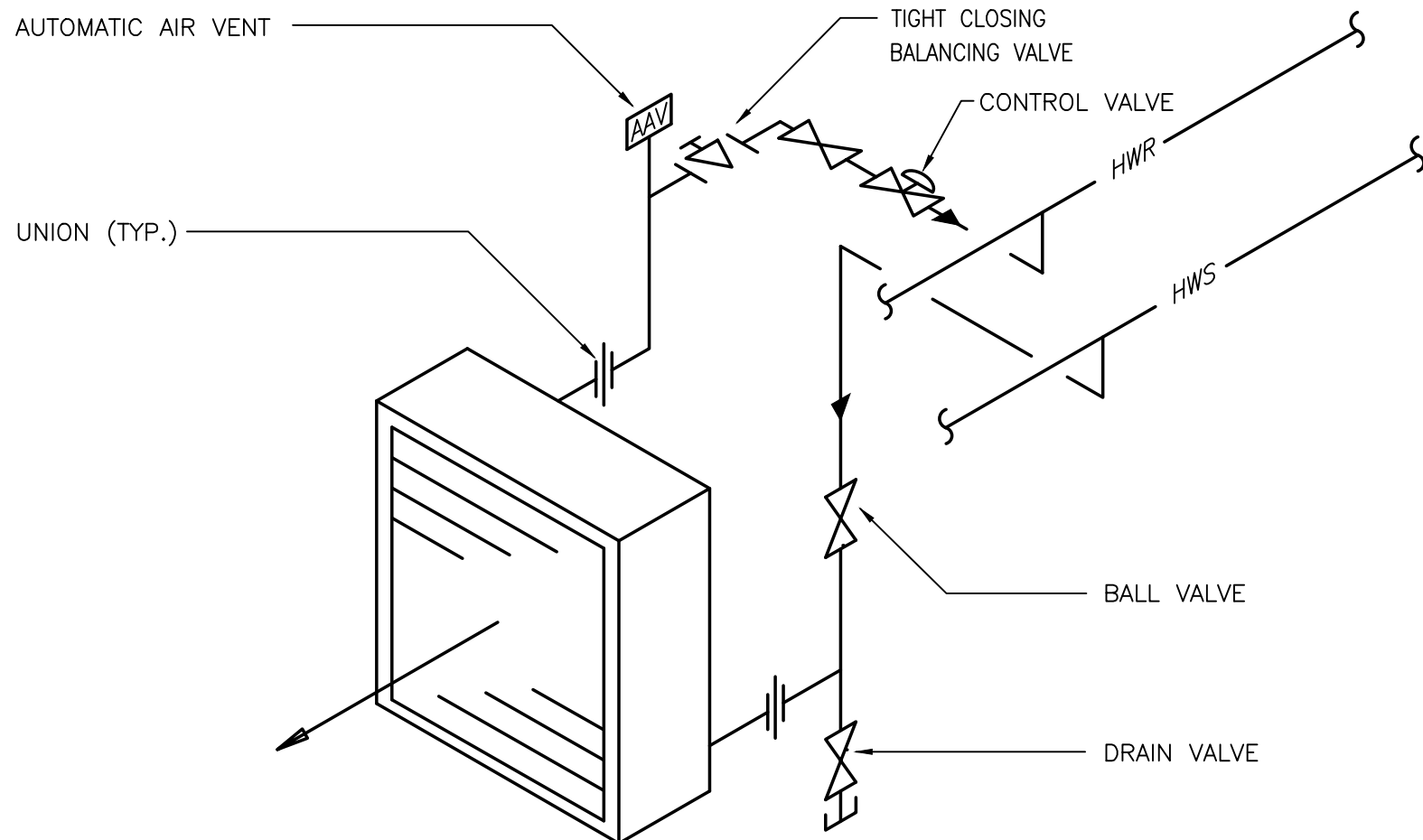
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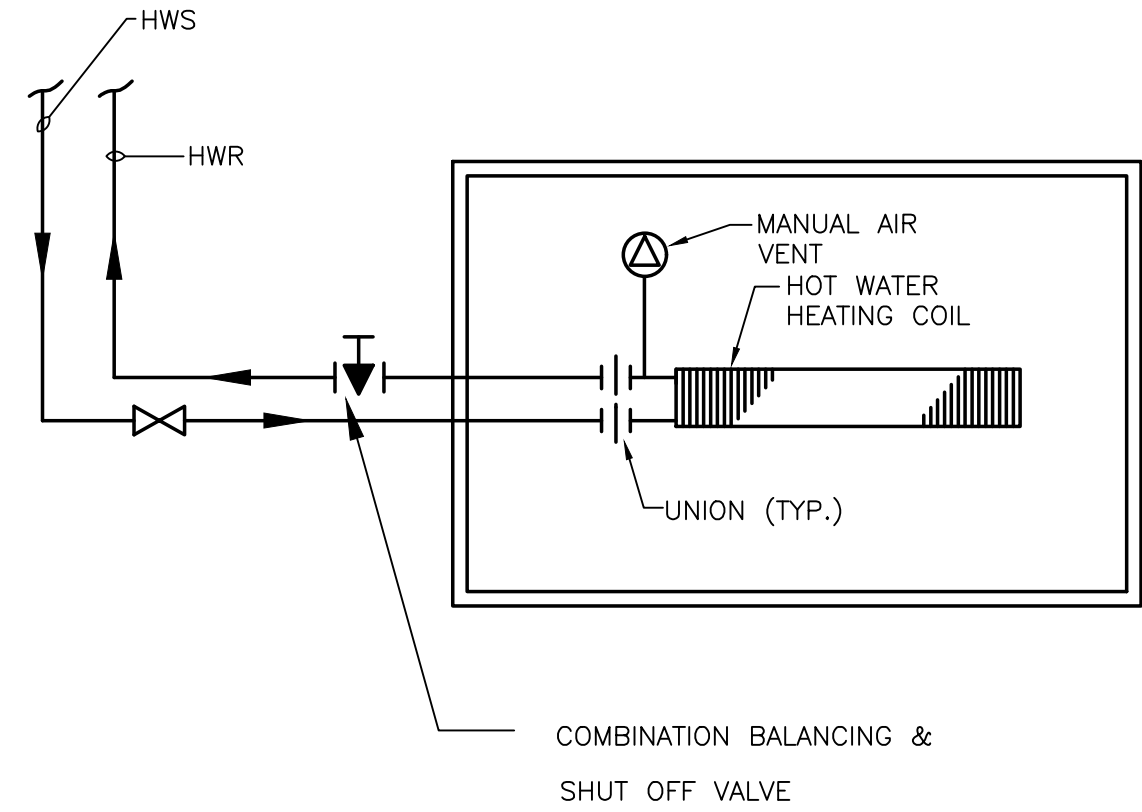
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BASE MOUNTED PUMP PIPING DETAIL  
NO SCALE



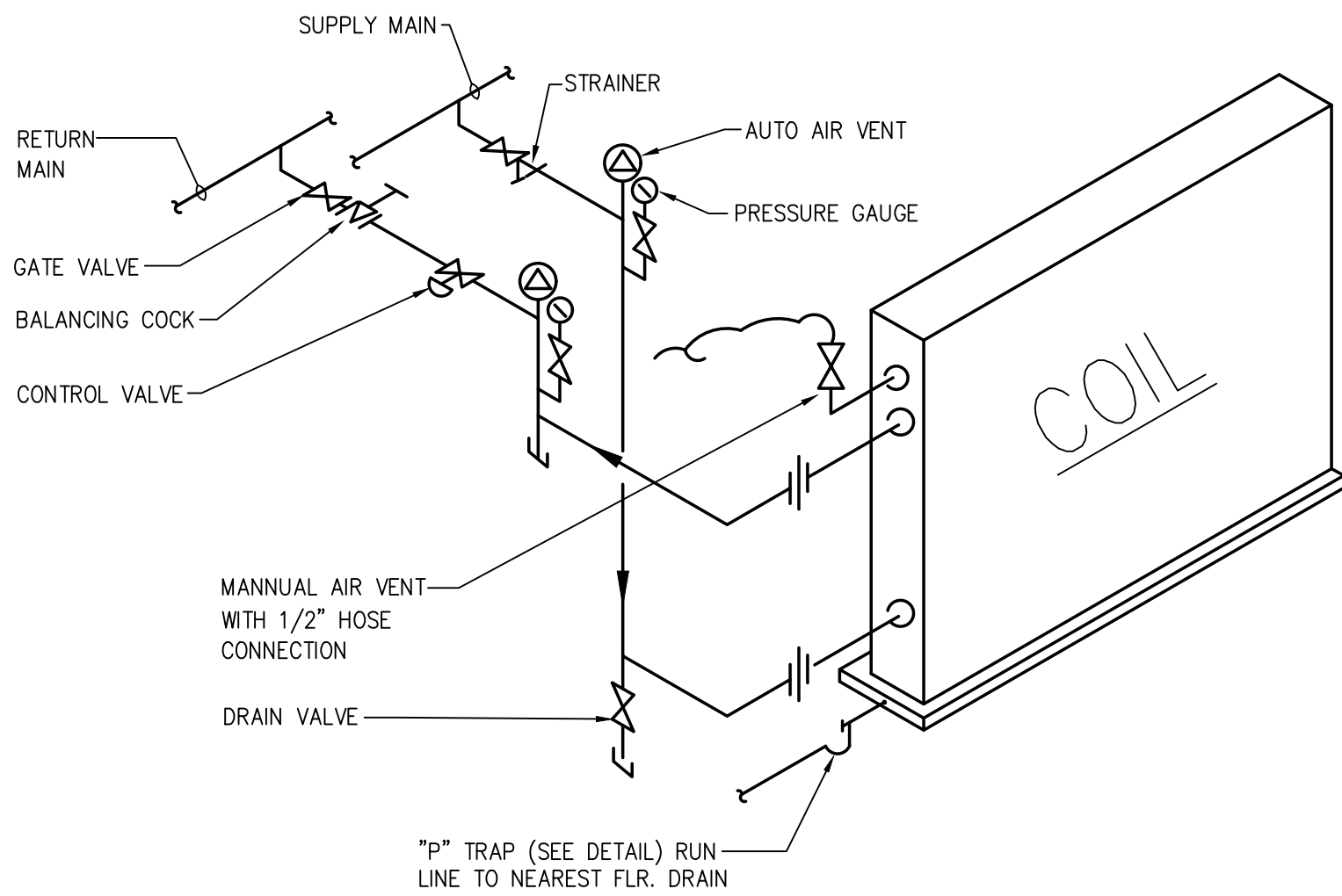
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UNIT HEATER PIPING DETAIL  
NO SCALE



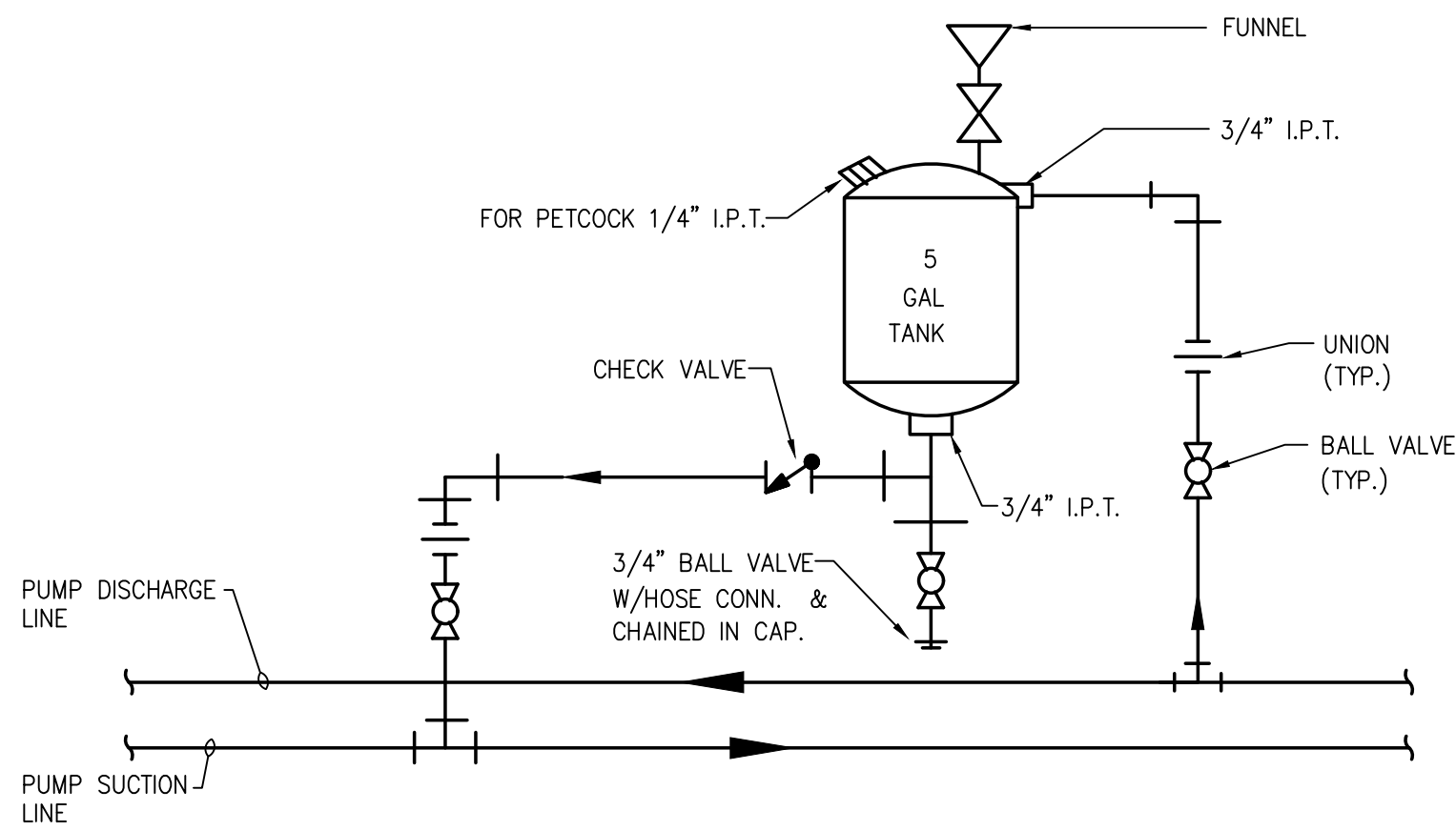
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HORIZONTAL CABINET HEATER PIPING DETAIL  
NO SCALE



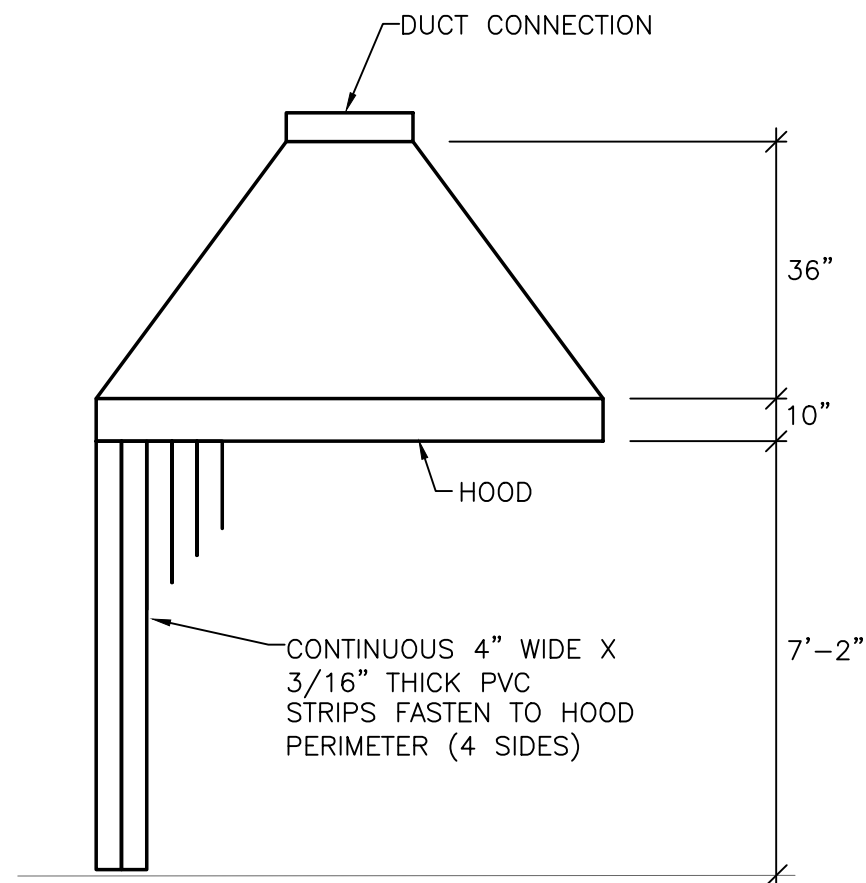
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SINGLE COIL PIPING DETAIL  
NO SCALE



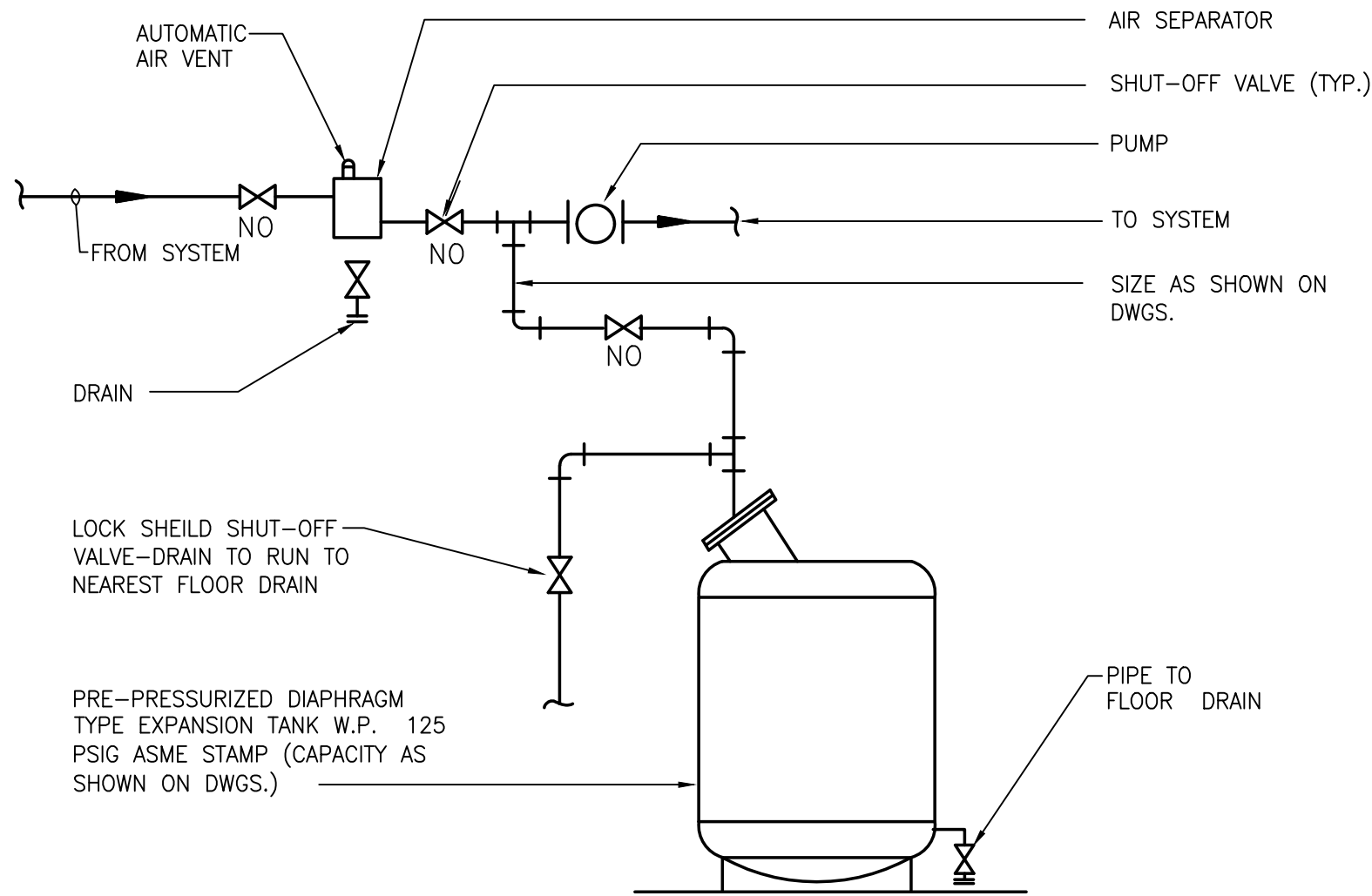
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CHEMICAL SHOT FEEDER PIPING DETAIL  
NO SCALE



14

TYPICAL EXHAUST HOOD  
NO SCALE



15

TYPICAL DETAIL PIPING CONNECTIONS TO EXPANSION TANKS  
NO SCALE

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REGISTERED PROFESSIONAL



SUBCONSULTANT



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150 Grossman Drive, Suite 309  
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PROJECT

**Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling**

Taunton, MA

TITLE

Hvac Details

AS RE-ISSUED PER  
ADDENDUM #2

NO.	REVISIONS	DATE
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DRAWN BY:	RLB
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DESIGNED BY:	RHB
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CHECKED BY:	RHB
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ISSUE DATE:	10/16/2020
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BETA JOB NO.:	6050
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SCALE

NONE

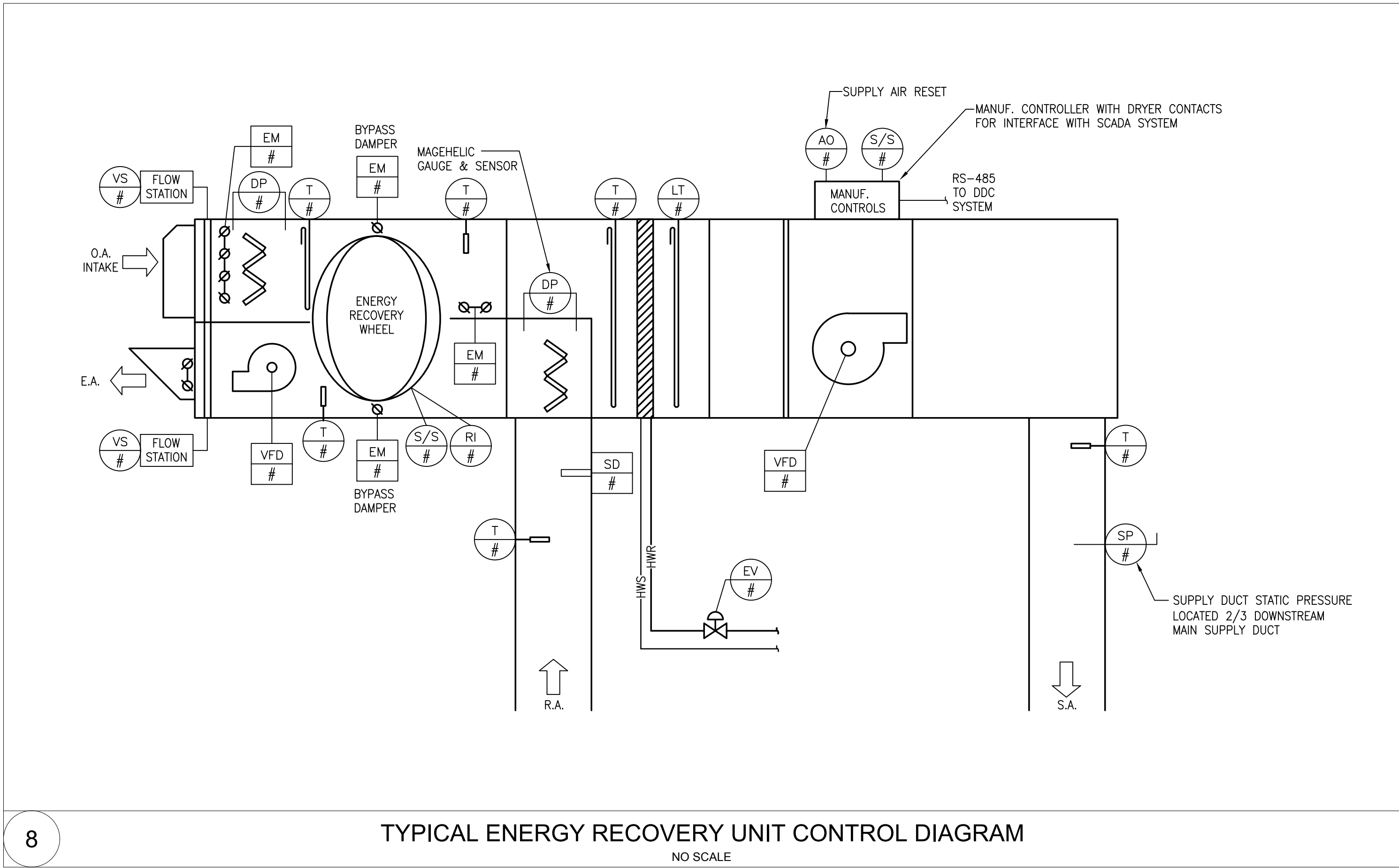
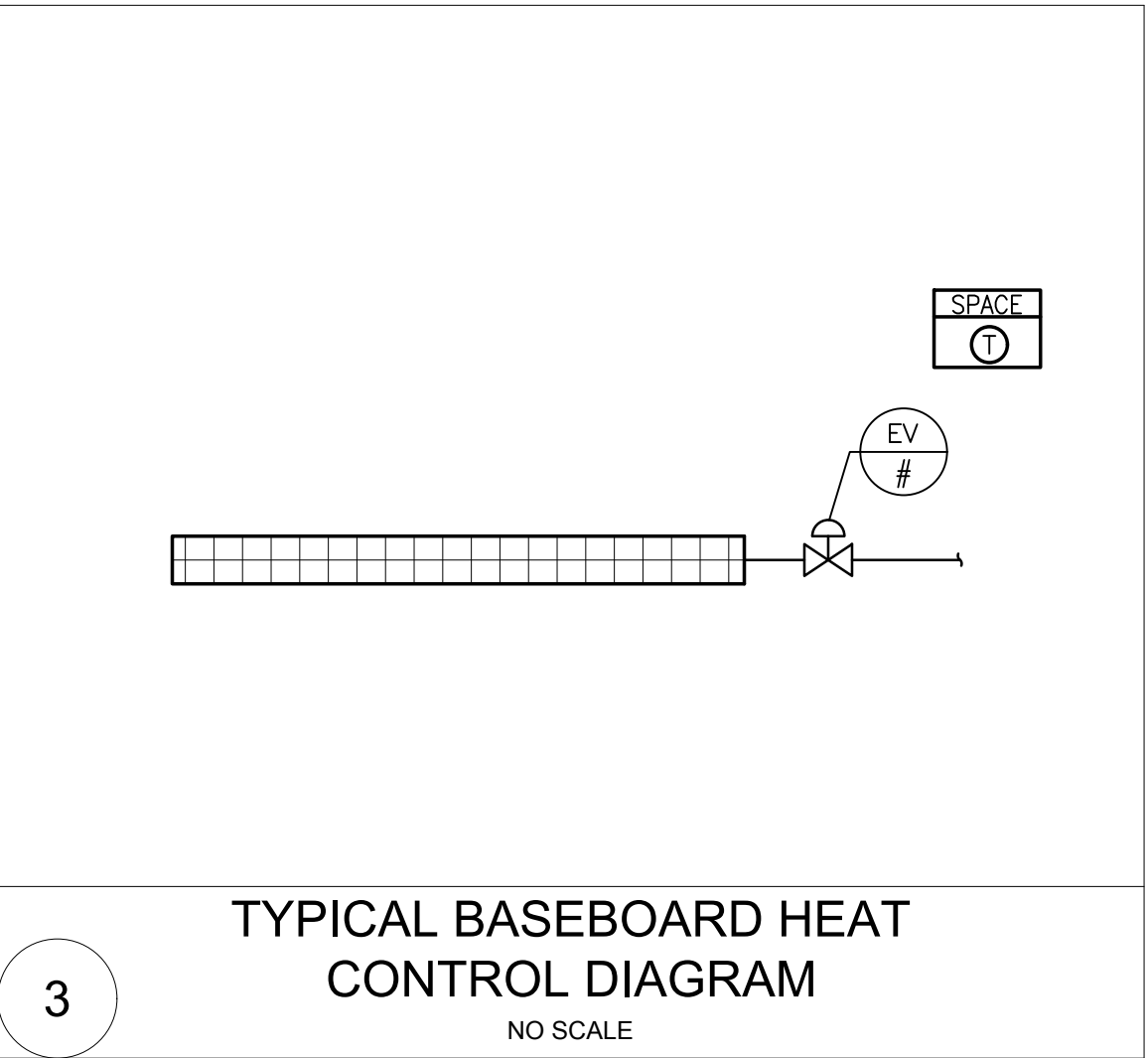
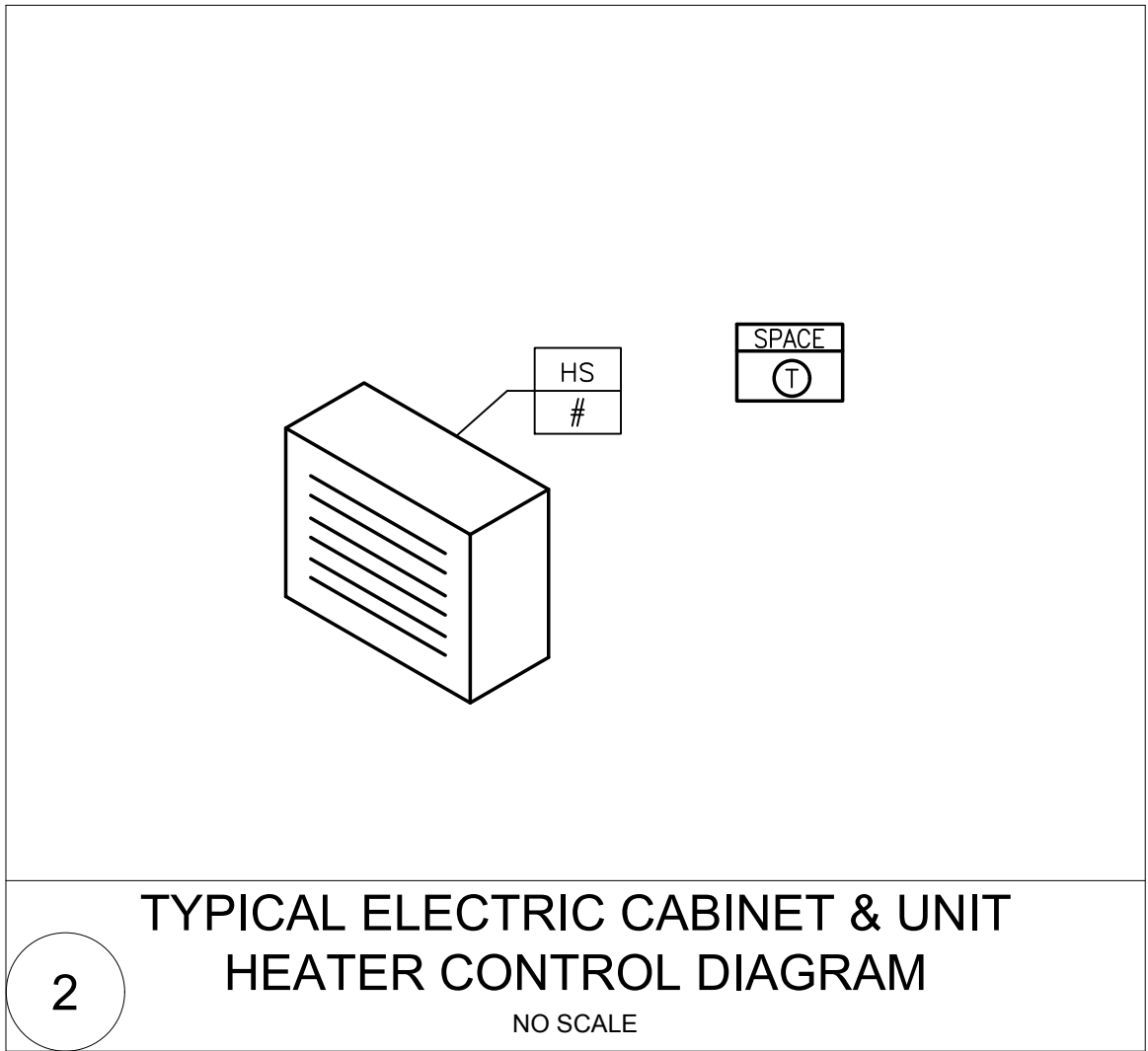
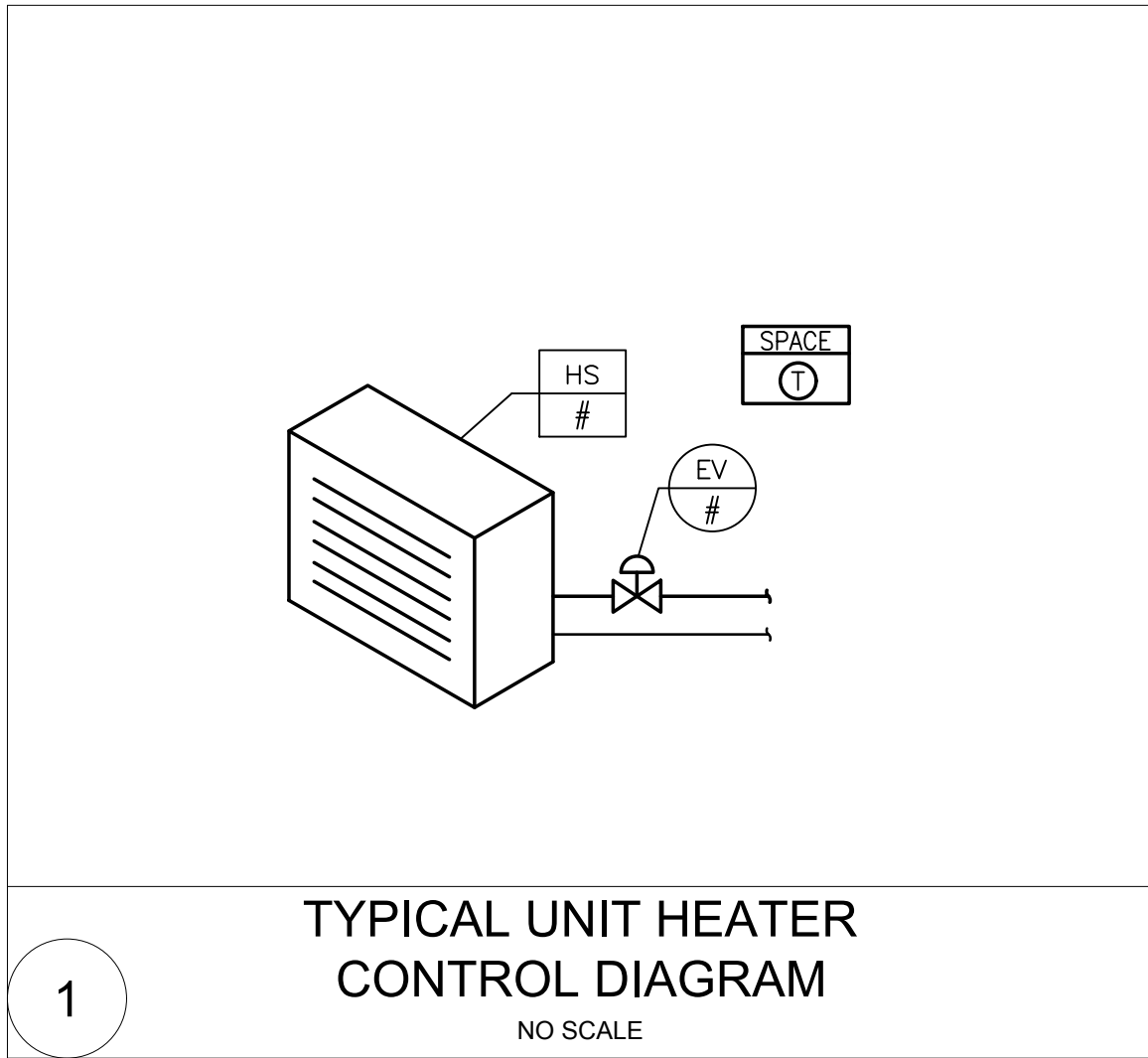
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SHEET NO.

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### CONTROLS LEGEND

SPACE #1	WALL MOUNTED SPACE TEMPERATURE THERMOSTAT AND/OR OCCUPANCY OVER-RIDE BUTTON	T #	DUCT MOUNTED AVERAGING THERMOSTAT
T #	WATER TEMPERATURE SENSOR/THERMOSTAT	EM #	ELECTRONIC MOTORIZED DAMPER ACTUATOR
FS #	DIFFERENTIAL PRESSURE FLOW SENSOR (AIR) PADDLE FLOW SENSOR (WATER)	HOA #	HAND-AUTO-OFF STARTER
DP #	FILTER DIFFERENTIAL SENSOR	SD #	DUCT SMOKE DETECTOR (FURNISHED BY OTHERS)
VS #	VELOCITY TRANSDUCER	OC #	OCCUPANCY SENSOR (COORDINATE W/ ELECTRICAL)
AO #	ANALOG OUTPUT FROM EMS	AL #	ALARM (DIGITAL AND ANALOG)
EV #	ELECTRONIC VALVE ACTUATOR	SM #	KITCHEN HOOD SMOKE SENSOR
EM #	ELECTRONIC DAMPER MOTOR ACTUATOR	VS #	VELOCITY SENSOR
T #	DUCT MOUNTED TEMPERATURE SENSOR/THERMOSTAT	CO <sub>2</sub> #	CO <sub>2</sub> SENSOR
H #	DUCT MOUNTED RELATIVE HUMIDITY SENSOR	CO #	CO SENSOR
LT #	DUCT MOUNTED LOW TEMP. FREEZE THERMOSTAT	S/S #	START-STOP
		SC #	SPEED CONTROL
		RI #	RELAY INPUT
ASC	APPLICATION SPECIFIC CONTROLLER		
BC	BUILDING CONTROLLER		
CAC	CUSTOM APPLICATION CONTROLLER		
DDCFP	DDC FIELD PANEL		
	CONNECT NEW TO EXISTING		

PREPARED BY



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Mechanical/Electrical Engineers  
150 Grossman Drive, Suite 399  
Braintree, Massachusetts 02184  
617.328-9215  
web: www.sar.com

PROJECT

### Taunton Wastewater Treatment Facility Improvements Solids Handling

Taunton, MA

TITLE

### Hvac Details

AS RE-ISSUED PER  
ADDENDUM #2

NO.	REVISIONS	DATE
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DRAWN BY: RLB

DESIGNED BY: RHB

CHECKED BY: RHB

ISSUE DATE: 10/16/2020

BETA JOB NO.: 6050

SCALE

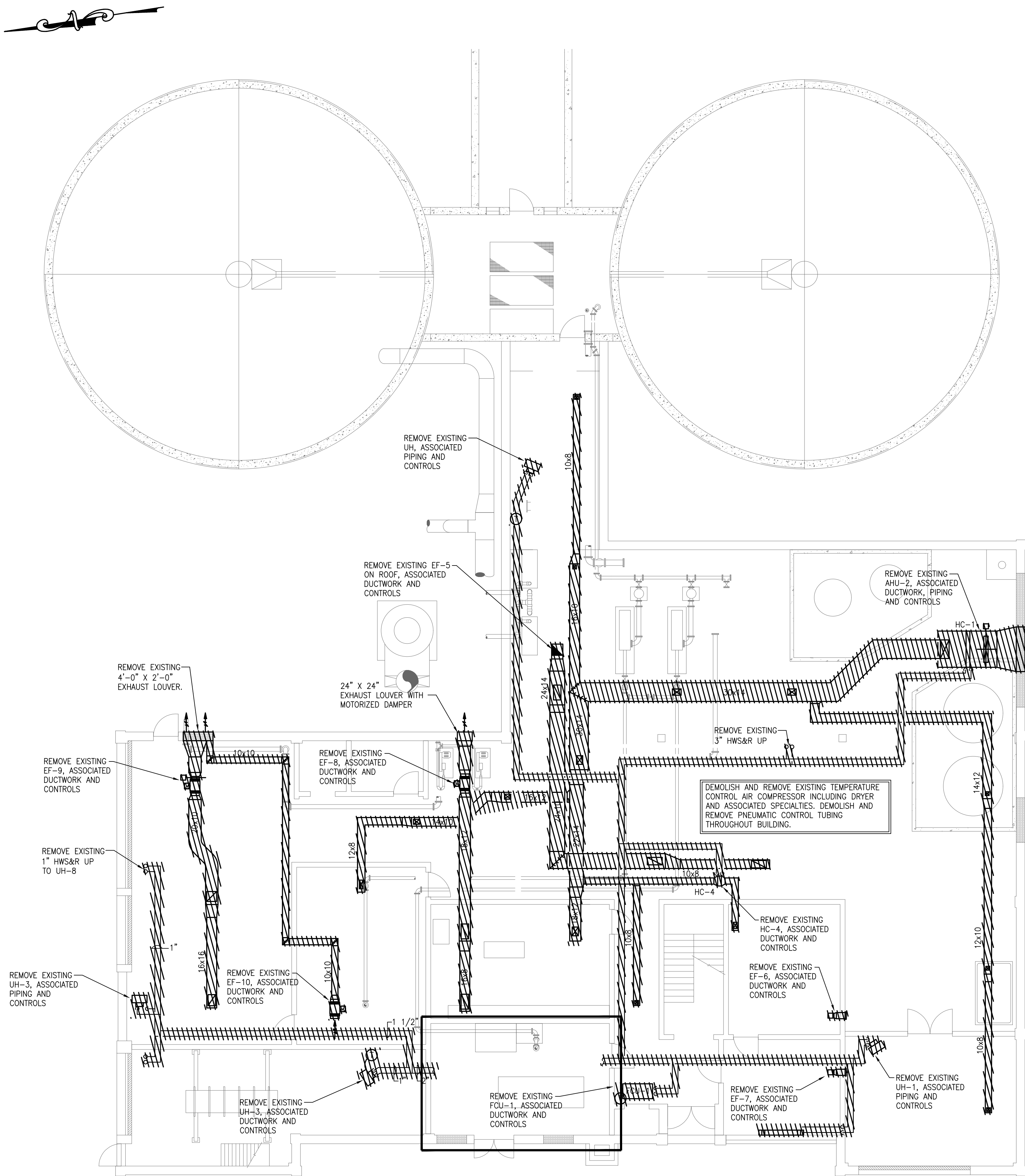
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UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

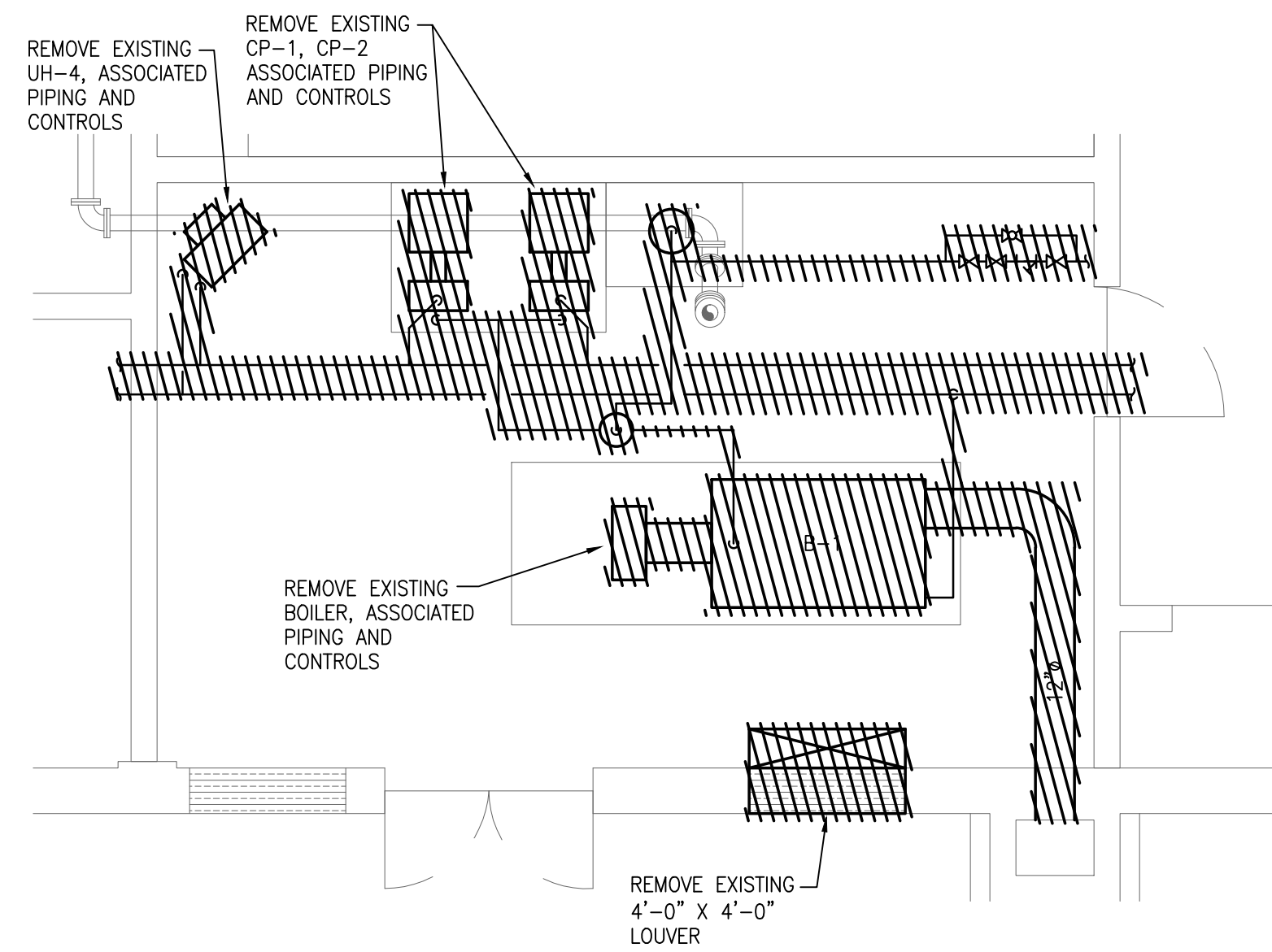
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H-0.6

1/13/2021 12:46 PM W:\YEAR - 2018\18009.00 - TAUNTON WWTF UPGRADE\HVAC DEPARTMENT\PHASE 1A\18009.00 HVAC SOLIDS HANDLING BUILDING-PHASE 1A.DWG (BETA STB.BW.STB)



FIRST FLOOR - PLAN  
SCALE: 1/8"= 1'-0"



BOILER ROOM PART PLAN  
SCALE: 1/4"= 1'-0"

PREPARED BY



REGISTERED PROFESSIONAL



SUBCONSULTANT



Mechanical/Electrical Engineers  
150 Grossman Drive, Suite 399  
Braintree, Massachusetts 02184  
617.328-9215  
web: www.sar.com

PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac Demolition  
Solids Handling  
Building  
First Floor Plan

AS RE-ISSUED PER  
ADDENDUM #2

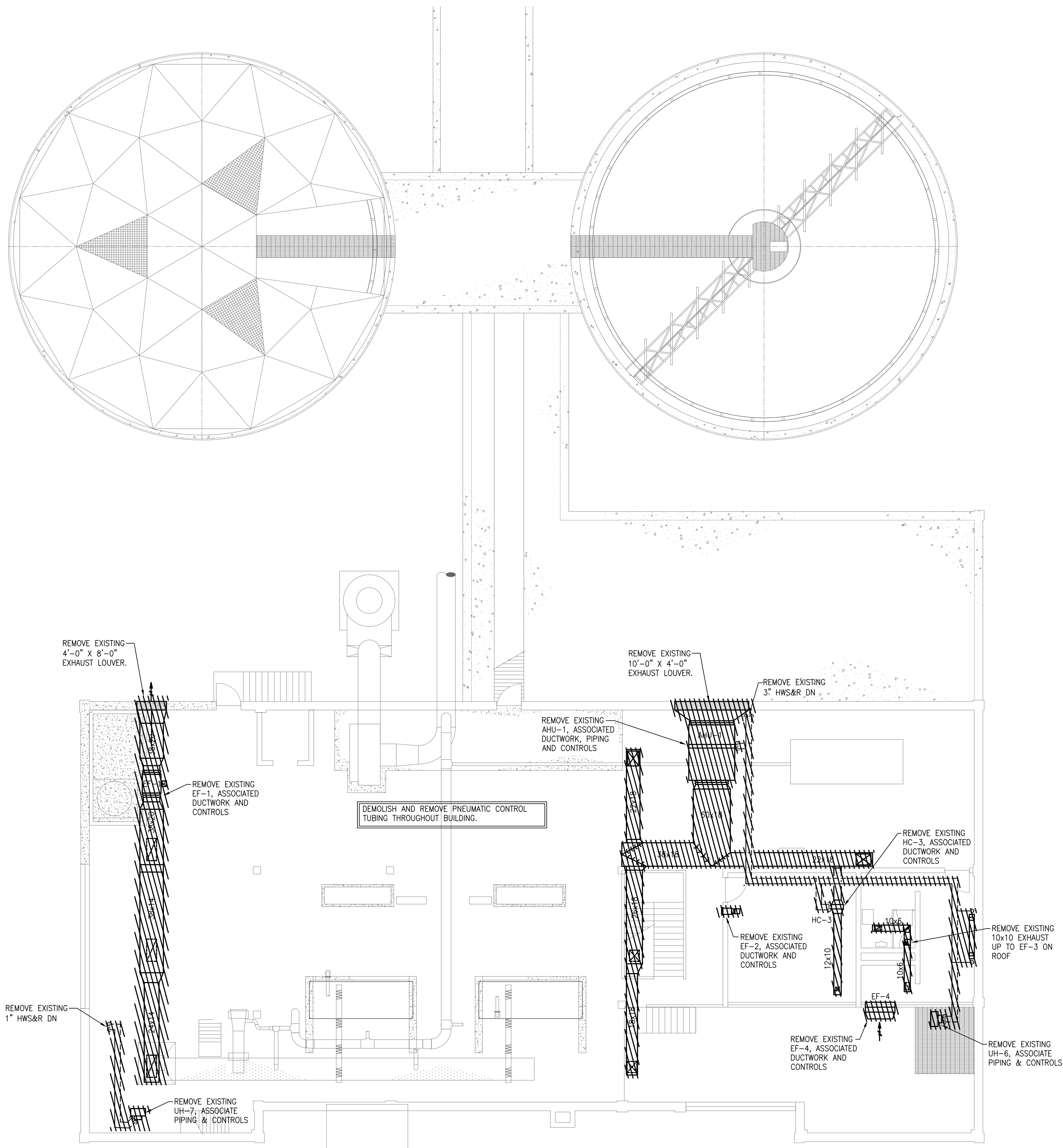

NO.	REVISIONS	DATE

DRAWN BY:	RLB
DESIGNED BY:	RHB
CHECKED BY:	RHB
ISSUE DATE:	10/16/2020
BETA JOB NO.:	6050

SCALE	AS SHOWN
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SHEET NO.	H-7.1
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SECOND FLOOR - PLAN  
SCALE: 1/8"= 1'-0"

1/13/2021 12:46 PM W:\YEAR - 2018\18009.00 - TAUNTON WWTF UPGRADE\HVAC DEPARTMENT\PHASE 1A\18009.00 HVAC SOLIDS HANDLING BUILDING PHASE 1A.DWG (BETA STB.BW.STB)

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SUBCONSULTANT



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PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac Demolition  
Solids Handling  
Building  
Second Floor  
Plan  
AS RE-ISSUED PER  
ADDENDUM #2


NO.	REVISIONS	DATE

DRAWN BY:	RLB
DESIGNED BY:	RHB
CHECKED BY:	RHB
ISSUE DATE:	10/16/2020
BETA JOB NO.:	6050

SCALE

AS SHOWN

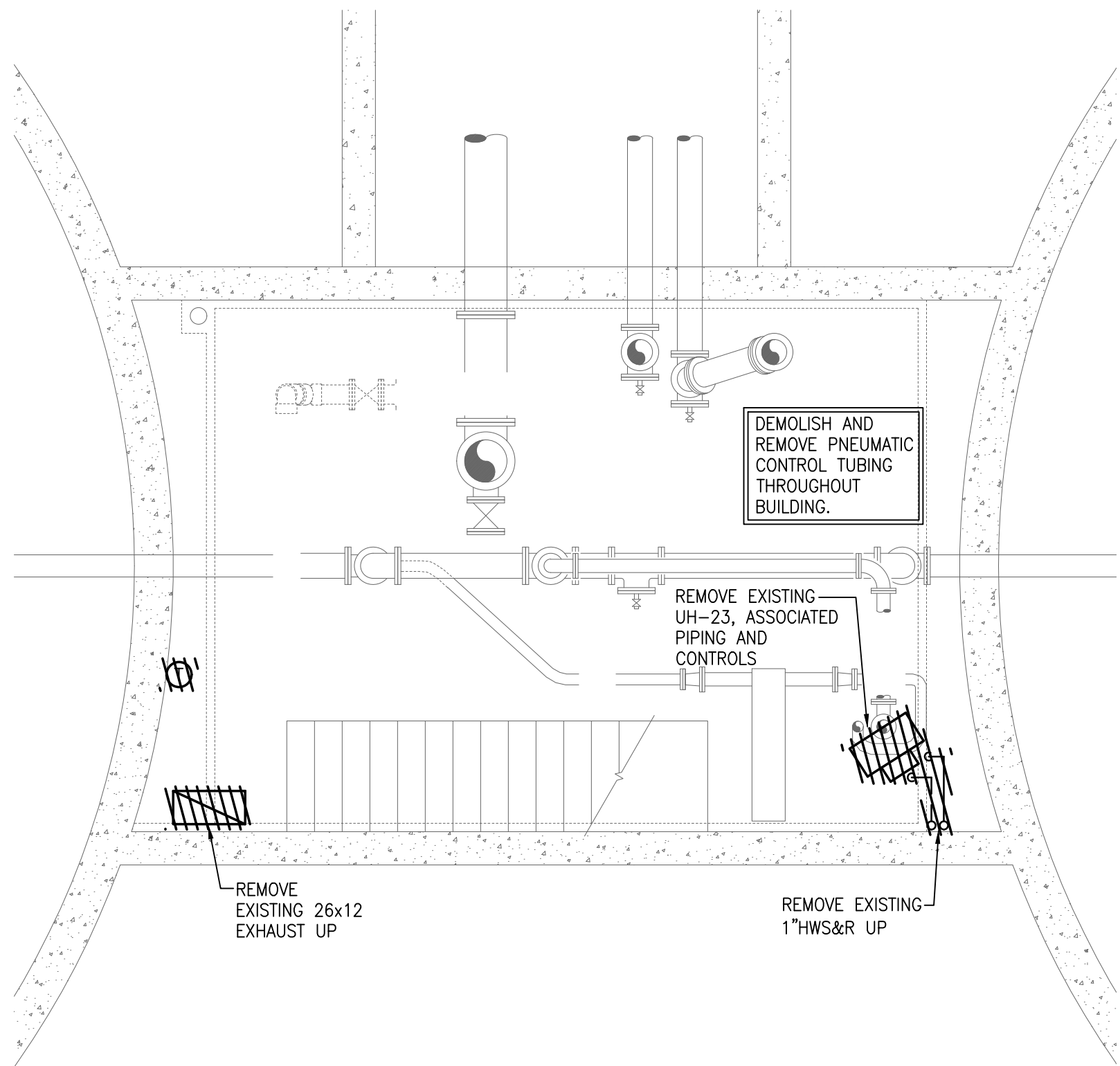
UNLESS OTHERWISE NOTED OR CHANGED BY REPRODUCTION

SHEET NO.

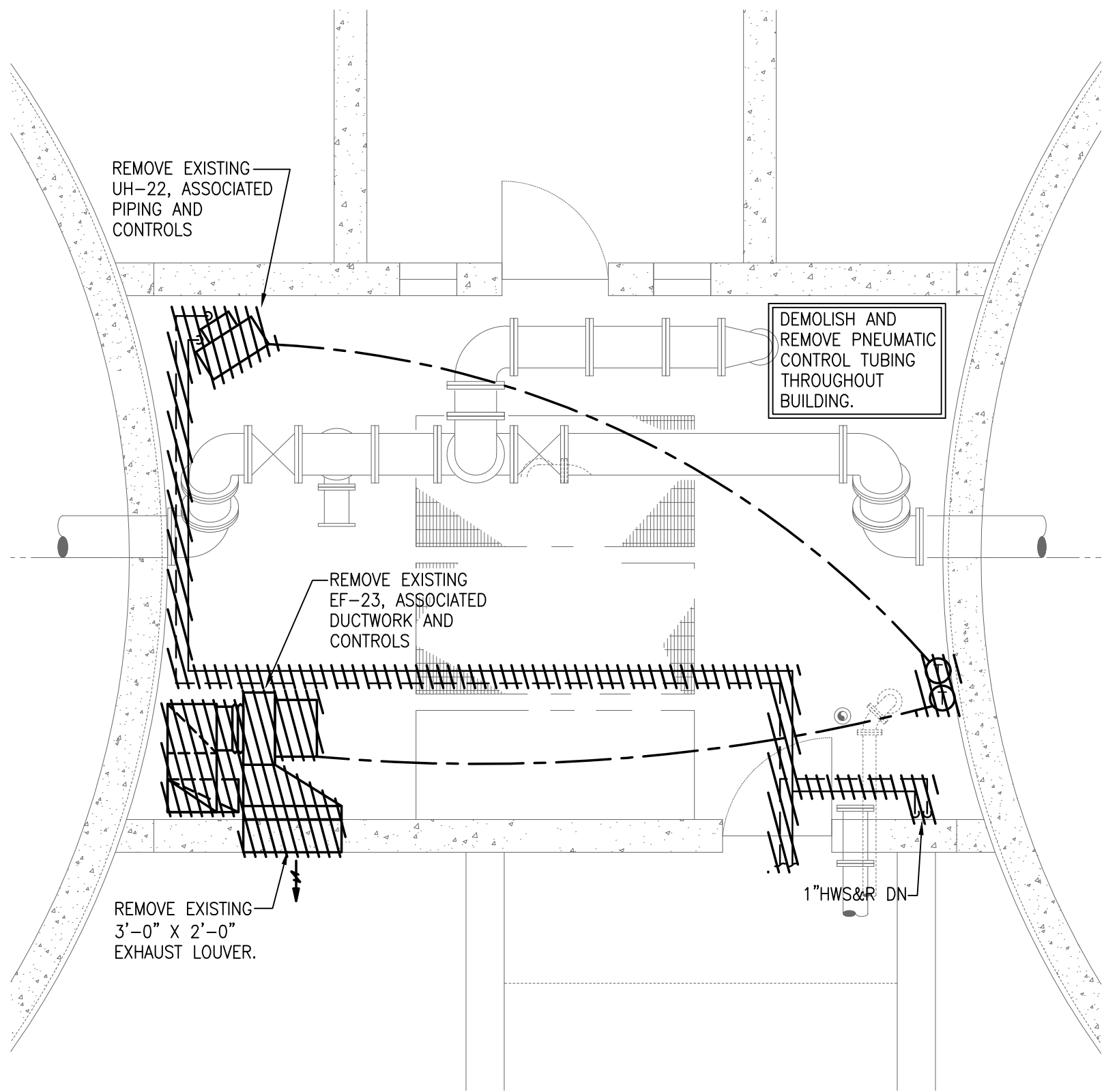
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1/13/2021 12:47 PM W:\YEAR - 2018\18009.00 - TAUNTON WWTF UPGRADE\HVAC DEPARTMENT\PHASE 1A\18009.00 HVAC SOLIDS HANDLING BUILDING-PHASE 1A.DWG (BETA STB.BW.STB)



LOWER LEVEL - PLAN  
SCALE: 1/4"= 1'-0"



UPPER LEVEL - PLAN  
SCALE: 1/4"= 1'-0"

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PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac Demolition  
Solids Handling  
Building  
Plans

AS RE-ISSUED PER  
ADDENDUM #2


NO.	REVISIONS	DATE

DRAWN BY:

RLB

DESIGNED BY:

RHB

CHECKED BY:

RHB

ISSUE DATE:

10/16/2020

BETA JOB NO.:

6050

SCALE

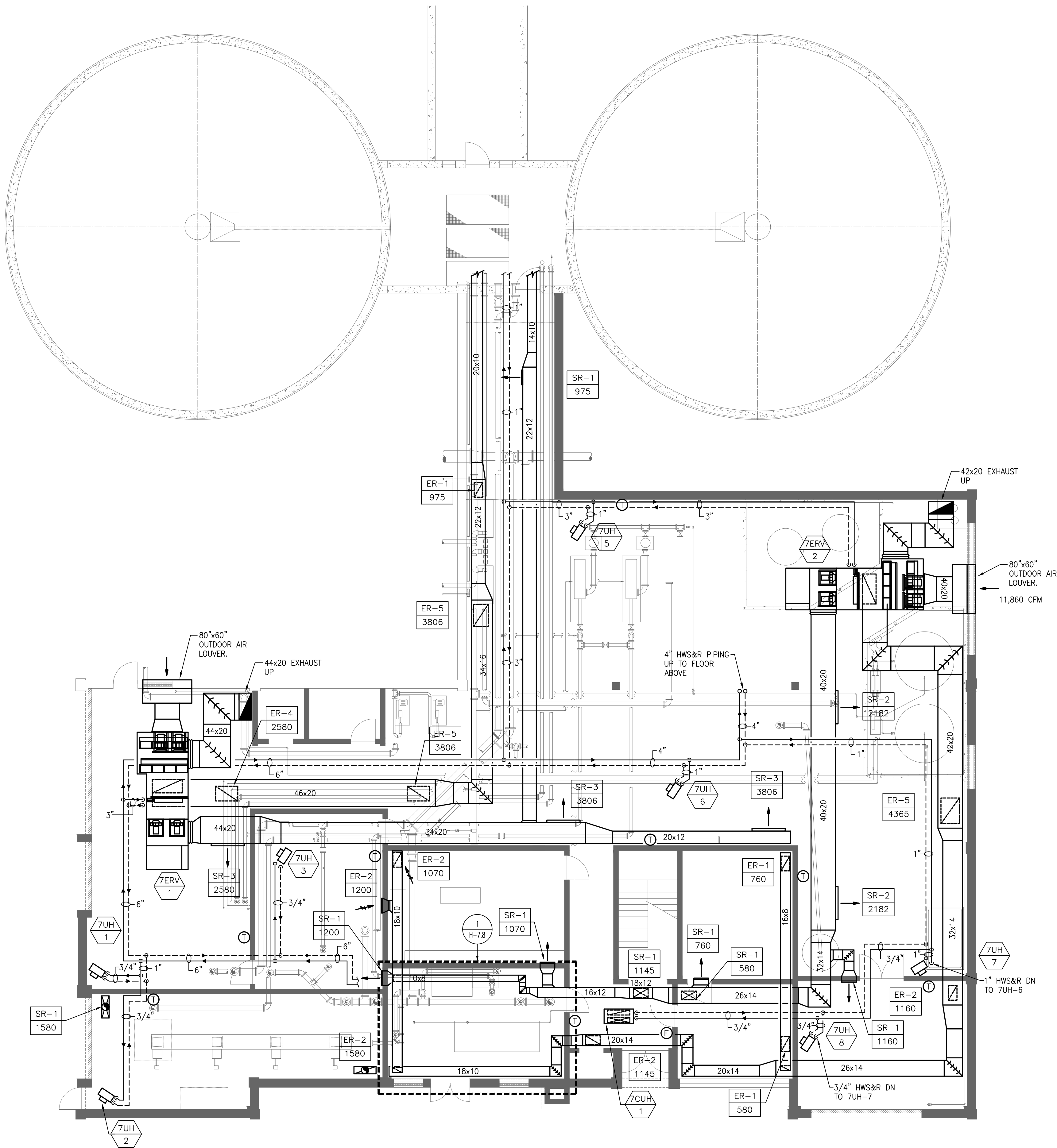
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SHEET NO.

H-7.3





FIRST FLOOR - PLAN  
SCALE: 1/8"= 1'-0"

1/13/2021 12:47 PM W:\YEAR - 2018\18009.00 - TAUNTON WWTF UPGRADE\HVAC DEPARTMENT\PHASE 1A\18009.00 HVAC SOLIDS HANDLING BUILDING-PHASE 1A.DWG (BETA STB.BW.STB)

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PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac New Work  
Solids Handling  
Building  
First Floor Plan

AS RE-ISSUED PER  
ADDENDUM #2

NO.	REVISIONS	DATE
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DRAWN BY:	RLB
DESIGNED BY:	RHB
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ISSUE DATE:	10/16/2020
BETA JOB NO.:	6050

SCALE

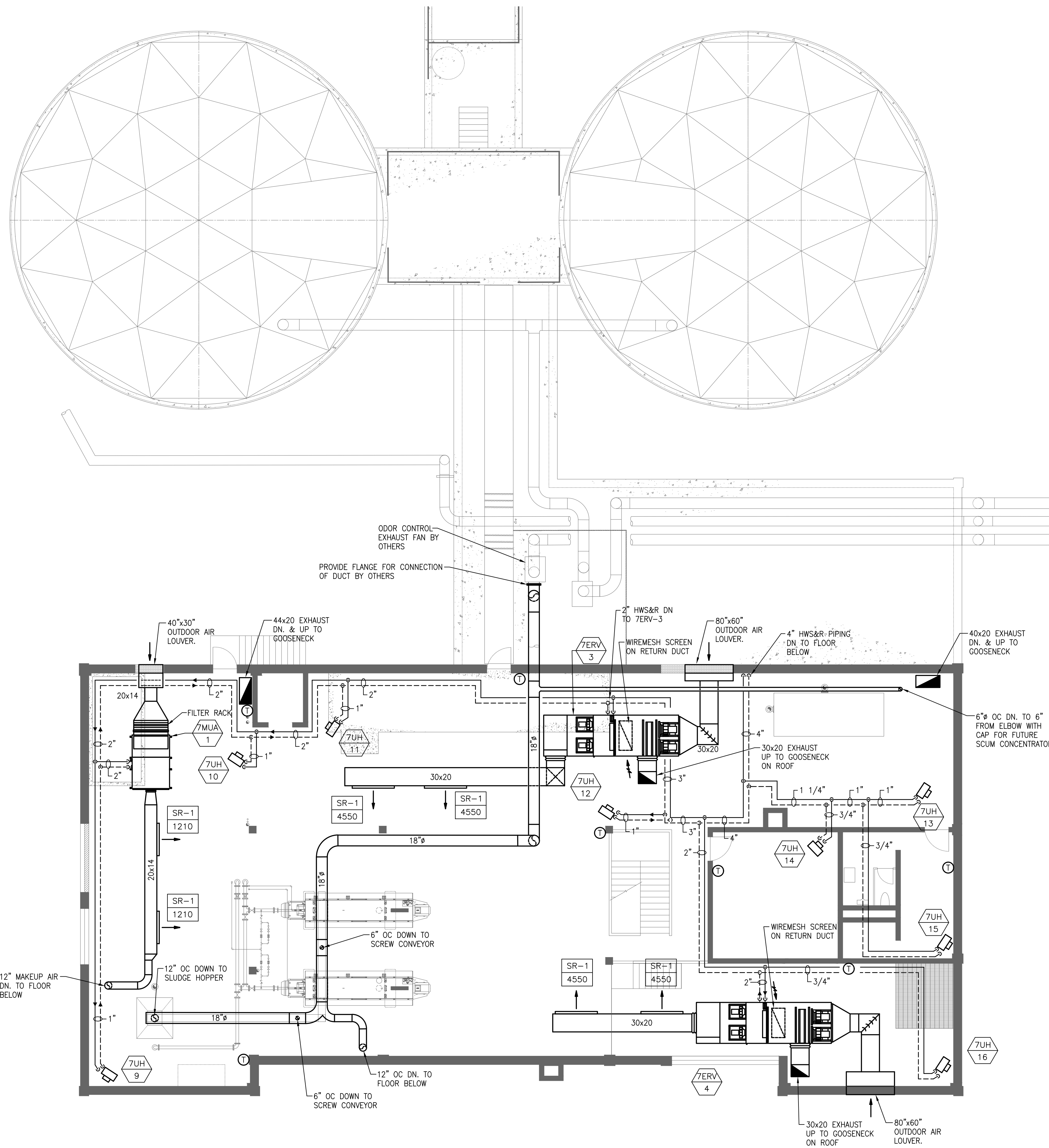
AS SHOWN

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SHEET NO.

H-7.4





**SECOND FLOOR - PLAN**  
SCALE: 1/8"= 1'-0"

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SUBCONSULTANT



**Mechanical/Electrical Engineers**  
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Braintree, Massachusetts 02184  
617 328-9215  
web: [www.sar.com](http://www.sar.com)

PROJECT

# Taunton Wastewater Treatment Facility Improvements Solids Handling

Taunton, MA

TITLE

Hvac New Work  
Solids Handling  
Building  
Second Floor  
Plan  
AS RE-ISSUED PER  
ADDENDUM #2

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NO.	REVISIONS	DATE
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DRAWN BY: RLB

DESIGNED BY: RHB

CHECKED BY: RHB

ISSUE DATE: 10/16/2020

SCALE

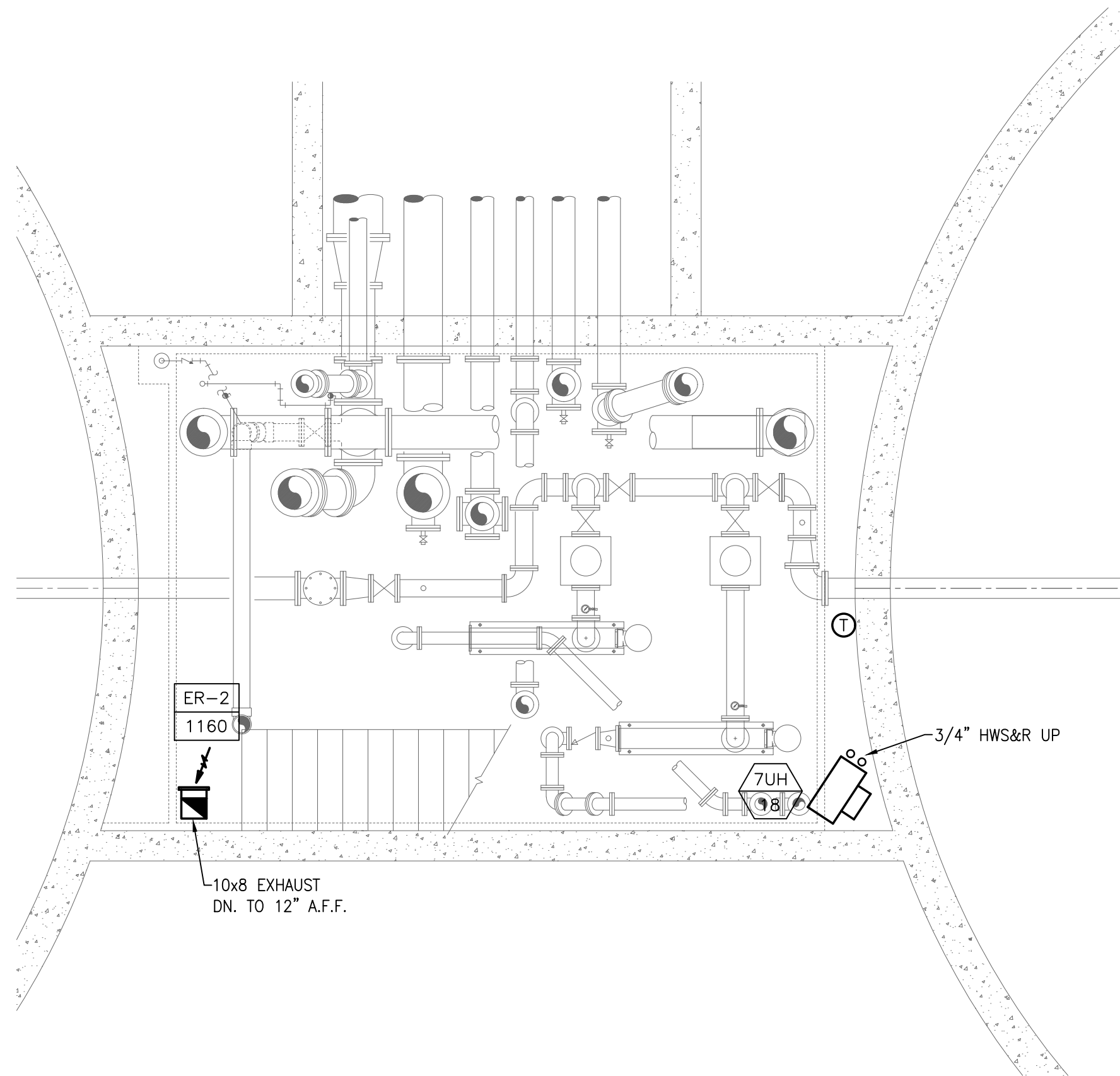
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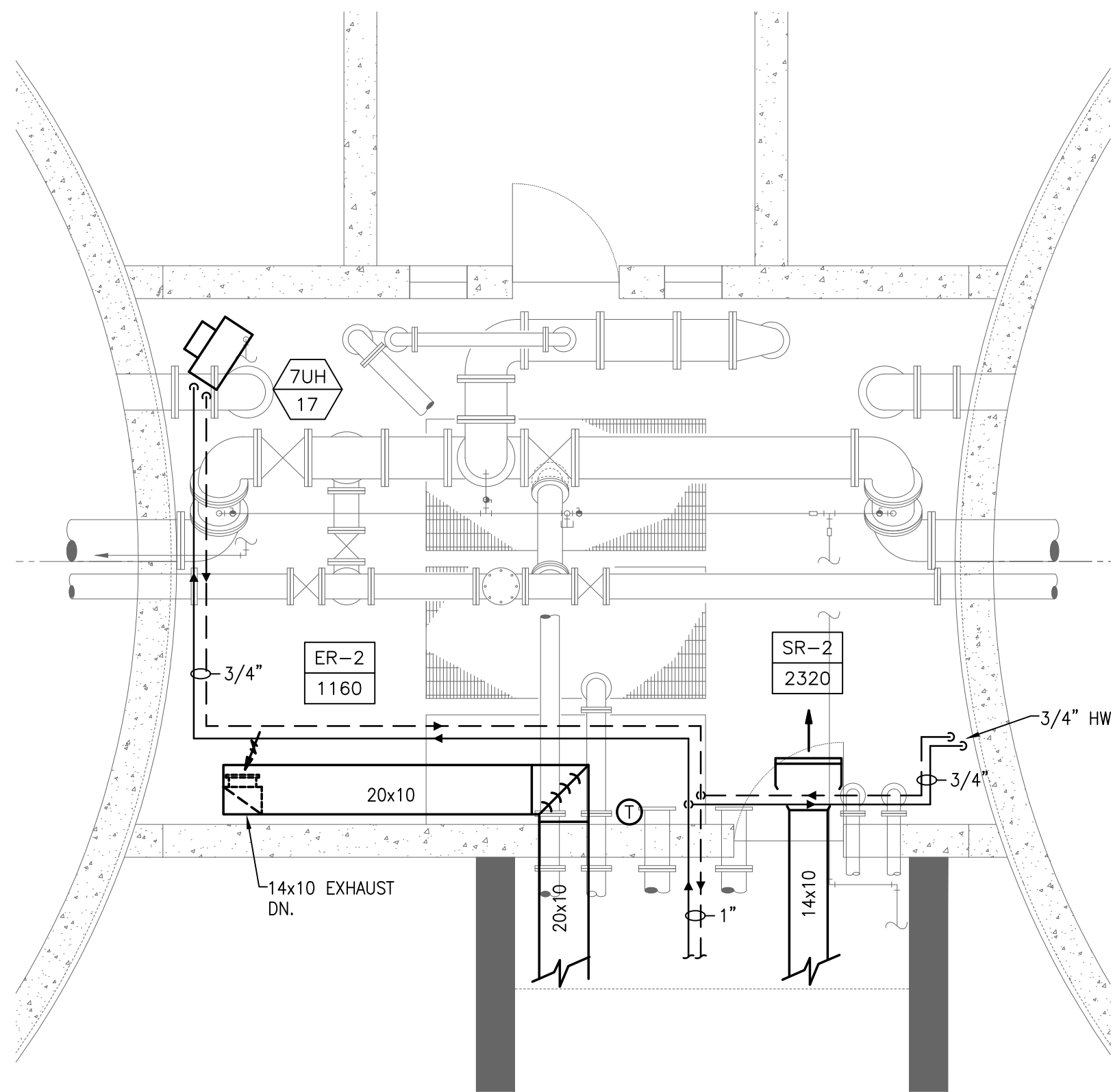
SHEET NO.

H-7.5





LOWER LEVEL - PLAN  
SCALE: 1/4"= 1'-0"



UPPER LEVEL - PLAN  
SCALE: 1/4"= 1'-0"

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PREPARED BY



REGISTERED PROFESSIONAL



SUBCONSULTANT



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617.328-9215  
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PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac New Work  
Solids Handling  
Building  
Plans

AS RE-ISSUED PER  
ADDENDUM #2


NO.	REVISIONS	DATE

SCALE
AS SHOWN
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SHEET NO.
H-7.6



COMMONWEALTH OF MASSACHUSETTS  
ROBERT BROWN  
MECHANICAL  
NO. 43335  
REGISTERED  
PROFESSIONAL ENGINEER

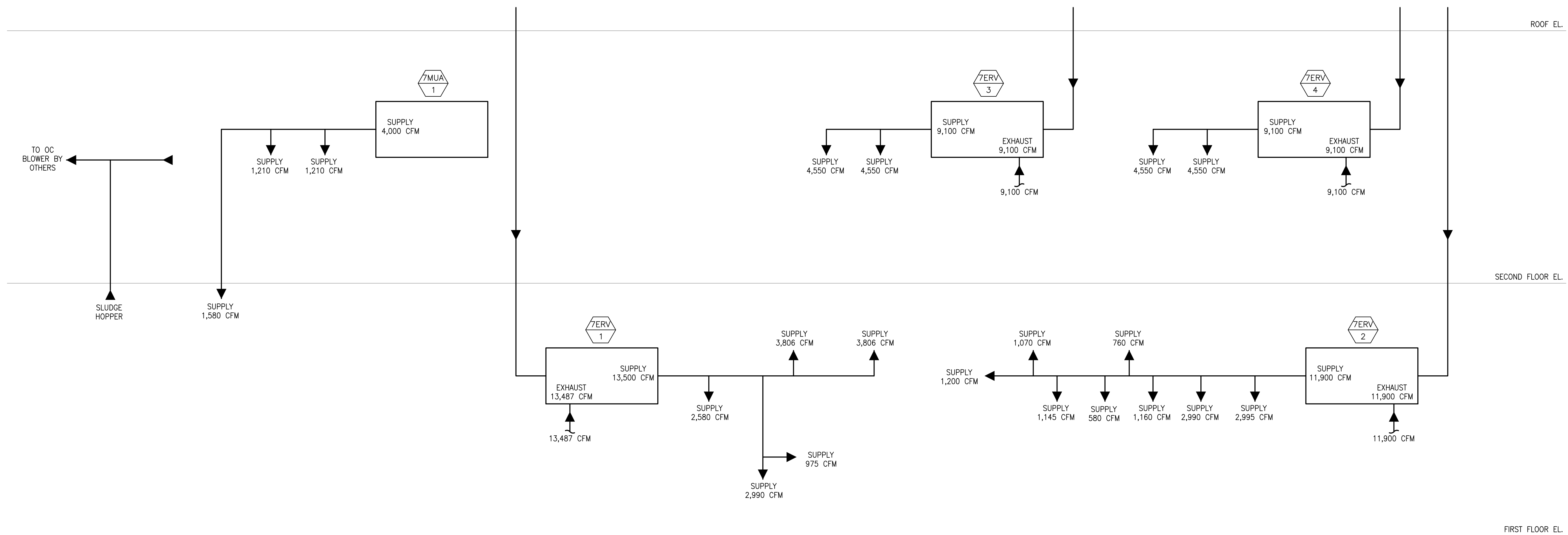
**SAR**  
**ENGINEERING, INC.**

# Taunton Wastewater Treatment Facility Improvements Solids Handling

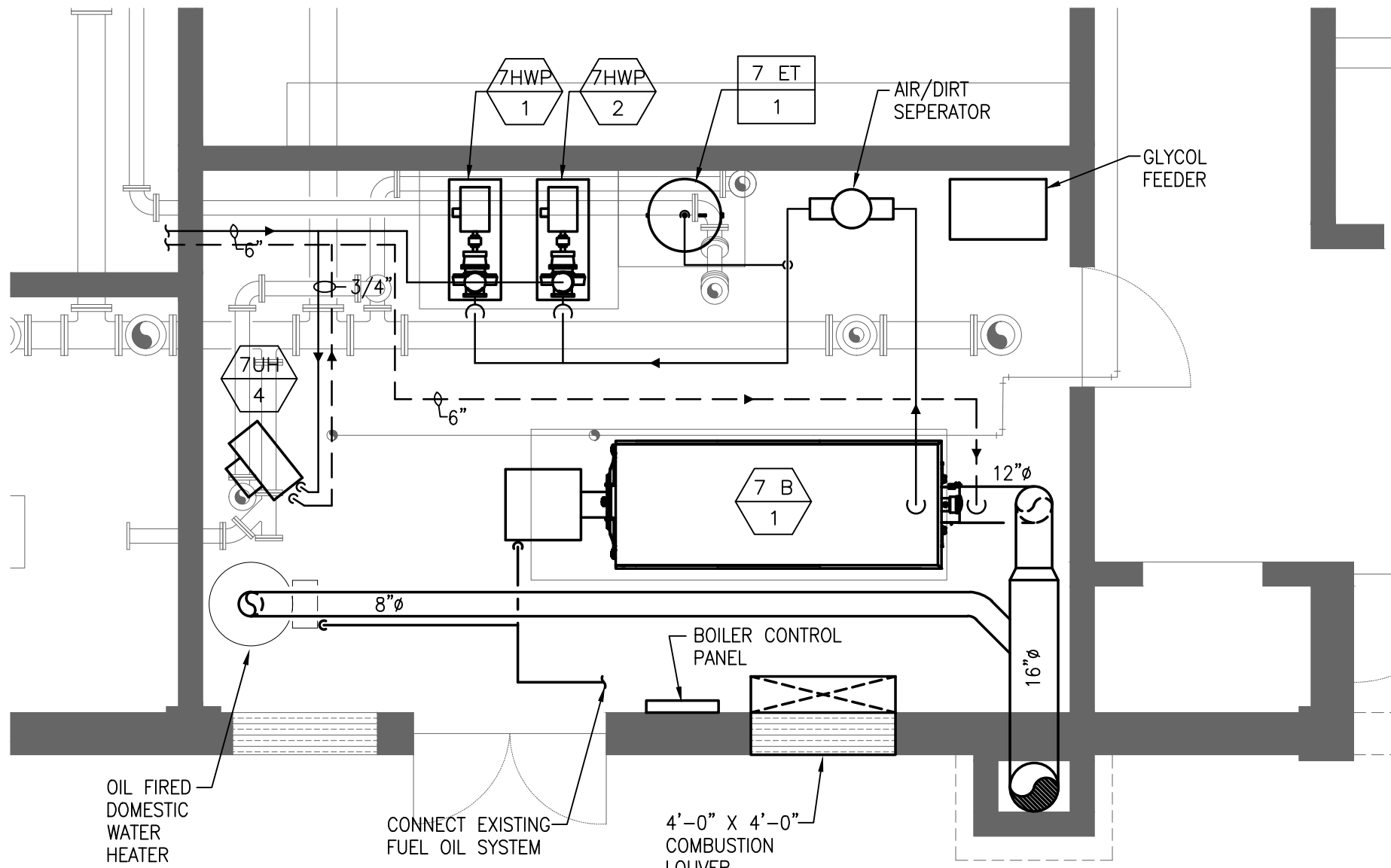
## Hvac Solids Handling Building Air Flow Diagram

NO.	REVISIONS	DATE

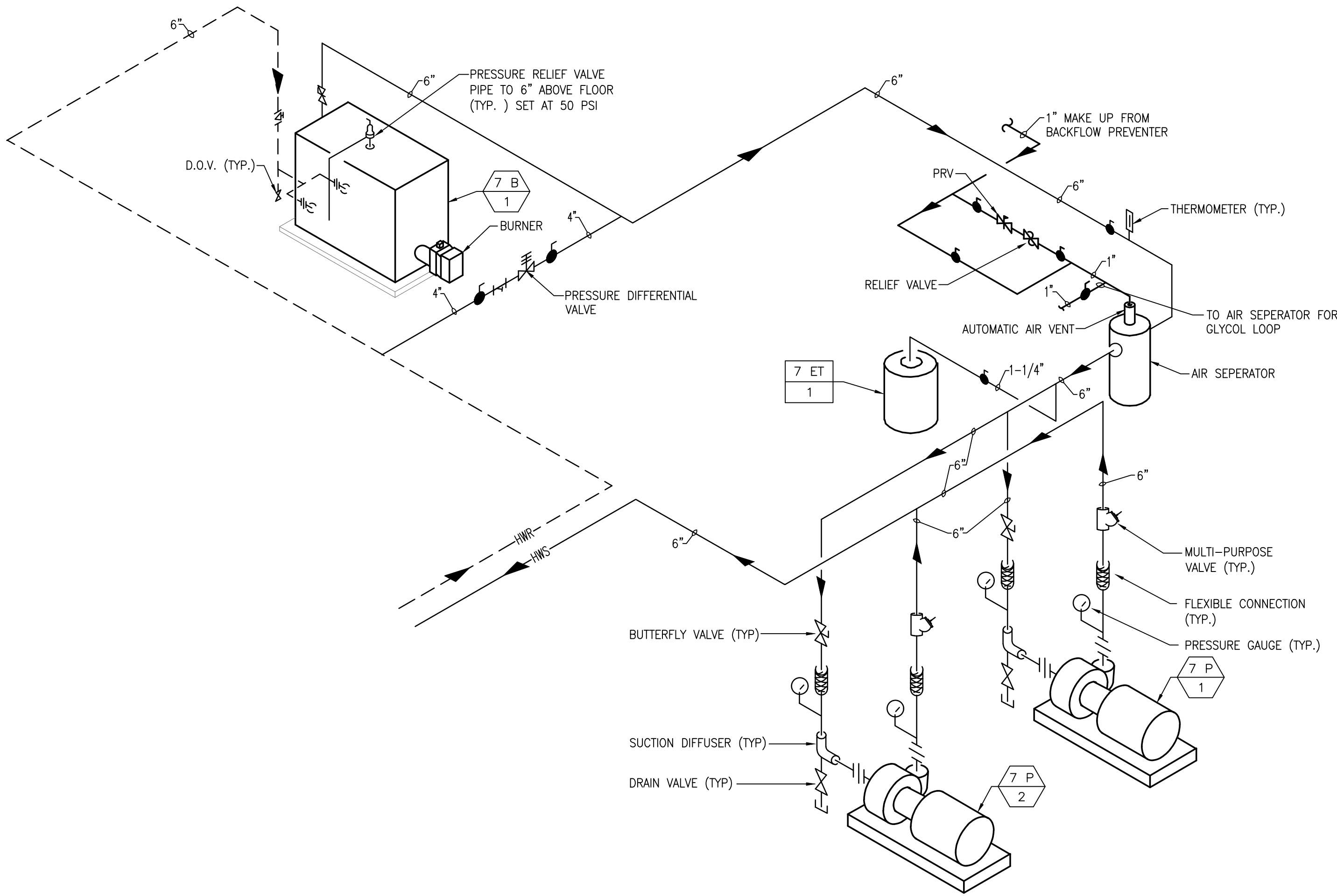
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1/13/2021 12:50 PM W:\YEAR - 2018\18009.00 - TAUNTON WWTF UPGRADE\HVAC DEPARTMENT\PHASE 1A\18009.00 HVAC SOLIDS HANDLING BUILDING\PHASE 1A.DWG (BETA STB.BW.STB)



BOILER ROOM PART PLAN  
SCALE: 1/4"= 1'-0"



PIPING SCHEMATIC  
NO SCALE

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SUBCONSULTANT



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Braintree, Massachusetts 02184  
617.328-9215  
web: www.sar.com

PROJECT

Taunton Wastewater  
Treatment Facility  
Improvements  
Solids Handling

Taunton, MA

TITLE

Hvac New Work  
Solids Handling  
Building  
Boiler Room  
Part Plan  
AS RE-ISSUED PER  
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H-7.8