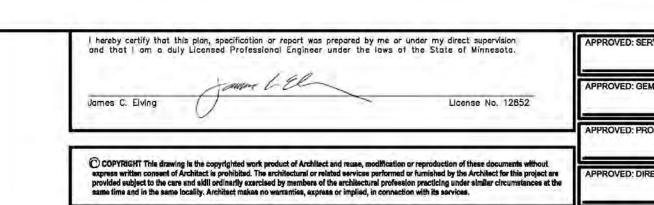
T			THIS IS A COMPREH	IENSIVE SYMBOLS SCHEDULE, NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS	į.		1			
	DESCRIPTION	SYMBOLS	DESCRIPTION		SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	PLUMBING		GENERAL PIPING SYMBOLS	DRAWING SYMBOLS		H.V.A.C. SYMBOLS				
	CLEANOUT			DETAIL NUMBER		TI.V.A.O. STWIDGES				CONTROLS SYMBOLS
	FIXTURE TRAP		UNION	2 H4 DRAWING NUMBER WHERE DRAWN	φ.					ROOM THERMOSTAT/TRANSMITTER - WALL MOUNT
	FLOOR DRAIN	——ю	PIPE UP	(14)			(5-7)		M	ROOM HUMIDISTAT (MOISTURE)/TRANSMITTER - WALL MOUNT
	FLOOR SINK	— н э	PIPE DOWN	SECTION LETTER		SUPPLY DIFFUSER		POWER ROOF VENTILATOR		
=	VENT THROUGH ROOF	ю	TEE OUTLET, UP	H7 DRAWING NUMBER WHERE SHOWN						TEMPERATURE TRANSMITTER
	FIXTURE TRAP (ISOMETRIC DIAGRAM)		TEE OUTLET, DOWN		4			SUPPLY DUCT UP	(II)~~~	TEMPERATURE TRANSMITTER, AVERAGING ELEMENT
	FLOOR DRAIN (ISOMETRIC DIAGRAM)	3	CAP ON END OF PIPE	BUILDING NO. WHERE EQUIPMENT IS LOCATED. EQUIPMENT ABBREVIATION (SUPPLY FAN)					(MT)	MOISTURE (HUMIDITY) TRANSMITTER
	FLOOR SINK (ISOMETRIC DIAGRAM)		CROSS	SUPPLY FAN NO. 3 IN BUILDING NO. 26	\rightarrow	RETURN DIFFUSER		SUPPLY DUCT DOWN	PT	PRESSURE TRANSMITTER
ж	PLUMBING PIPING		TEE	TYPICAL UNIT NO.				RETURN DUCT UP		PRESSURE INVANSMITTER
-	SANITARY ABOVE GRADE		DIRECTION OF PIPE PITCH (DOWN)					RETURN BUST OF	(SPS)	STATIC PRESSURE SENSOR
3/	SANITARY BELOW GRADE		DIRECTION OF FLOW	BUILDING NO. WHERE EQUIPMENT IS LOCATED	₩ 🖾	EXHAUST DIFFUSER		RETURN DUCT DOWN	(FT)	FLOW TRANSMITTER
=	STORM DRAIN ABOVE GRADE		ANCHOR	ITEM (TERMINAL UNIT SHOWN)	()				(IT)	CURRENT TRANSMITTER
==	STORM DRAIN BELOW GRADE		REDUCER OR INCREASER	11X-TU-I-I ITEM NUMBER (TERMINAL UNIT NO. 1)	B-1 	VARIABLE VOLUME BOX		EXHAUST DUCT UP		
	VENT ACID SANITARY ABOVE GRADE		ECCENTRIC REDUCER INVERTED BUCKET TRAP SET INCLUDING	SERVED BY AIR HANDLER UNIT NO. 1					(cT)	CONDUCTIVITY TRANSMITTER
_	ACID SANITARY ABOVE GRADE ACID SANITARY BELOW GRADE		PIPING ACCESSORIES SEE DETAIL			SMOKE DAMPER		EXHAUST DUCT DOWN	(SD)——	SMOKE DETECTOR
	ACID VENT		FLOAT & THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES SEE DETAIL		S			AID OF TOTAL	PDT	PRESSURE DIFFERENTIAL TRANSMITTER
	COLD WATER	_	THERMOSTATIC TRAP SET INCLUDING PIPING ACCESSORIES SEE DETAIL			FIRE DAMPER		AIR CURTAIN	(PDS)	PRESSURE DIFFERENTIAL SWITCH
	HOT WATER		TEST PLUG (PRESSURE/TEMPERATURE)	GENERAL NOTES:	<u></u>				(HS)	HAND SWITCH (HAND-OFF-AUTO SWITCH)
	CIRCULATING HOT WATER			DUCT SIZE IS THE SAME AS DIFFUSER NECK SIZE UNLESS OTEHRWISE NOTED.	1 -		$\sqrt{\Lambda}$	FILTER BANK		This difficulty of the controlly
	REVERSE OSMOSIS WATER	<u> </u>	AUTOMATIC AIR VENT			BALANCING DAMPER	MANAMANA	FILTER DANK	(zc)	VALVE OR DAMPER POSITION CONTROLLER
4	DEIONIZED WATER	₽.,	MANUAL AIR VENT	DIFFUSER LEGEND	F F		4		(KR)	LOCAL RECORDING TIME CLOCK (RUNTIME)
=	DISTILLED WATER		QUICK-COUPLE HOSE CONNECTOR	INDICATES TYPE OF DIFFUSER.	L'GL	TURNING VANES		CABINET UNIT HEATER	TSL	TEMPERATURE SWITCH, LOW (FREEZESTAT)
Hii	HOSE BIBB			S = SURFACE L = LAY-IN E = EXISTING			1			
	WATER HAMMER ARRESTOR	3-⊙	PRESSURE GAUGE	INDICATES NECK SIZE EITHER SQUARE DIMENSION OR THE DIAMETER.			100		(TSH)	TEMPERATURE SWITCH, HIGH (FREEZESTAT)
	PLUMBING FIXTURE TYPE	3=	TEMPERATURE GAUGE	INDICATES DIFFUSER SIZE, INCHES SQUARE.		STANDARD RADIUS ELBOW		UNIT HEATER	(rc)	LEVEL CONTROLLER
	KEY NOTE		VALVE SYMBOLS	REFER TO REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL CEILING DIFFUSERS. ALL DIFFUSERS ARE 4-WAY THROW UNLESS INDICATED OTHERWISE			↓		(LT)	LEVEL TRANSMITTER
	PIPE SLOPE AS NOTED		GATE VALVE - THREADED/FLANGED	ON PLANS BY A HATCHED AREA.	\\\\\\	OPPOSED BLADE DAMPER	The second second			TOPOGUERA CHIMPALLINGI
	BACKFLOW PREVENTER	—————————————————————————————————————	GLOBE VALVE - THREADED/FLANGED GATE VALVE WITH 3/4" HOSE ADAPTER	VARIABLE VOLUME BOX SCHEDULE					(PSH)	PRESSURE SWITCH HIGH
	CHECK VALVE	— 	CHECK VALVE	THIS SYMBOL ON THE PLANS INDICATES THE	O	THERMOSTAT			(PSL)	PRESSURE SWITCH LOW
	BALANCING VALVE		WYE STRAINER (WITH BALL VALVE AND HOSE CONNECTOR)	VALVE BUNDLE AND THE G.P.M.	Θ	HUMIDISTAT		CEILING MOUNTED CABINET UNIT HEATER	(EPT)	ELECTRONIC TO PNEUMATIC TRANSDUCER
		——————————————————————————————————————	WYE STRAINER WITH VALVED DRAIN AND QUICK-COUPLE HOSE CONNECTOR)				<u> </u>			
		₹	ANGLE GLOBE VALVE	TYPE (1.0)			↓ ↓		(AT) _{CO2}	CARBON DIOXIDE TRANSMITTER
		- \(\bar{\pi}\)	BUTTERFLY VALVE	A-3		IN-LINE FAN			AT co	CARBON MONOXIDE TRANSMITTER
		- &	MODULATING CONTROL VALVE	SIZE					(AT)	Control of the control
		—Й—	MODULATING CONTROL BUTTERFLY VALVE	BOX SIZE CFM RANGE BOX TYPE	12*~	ROUND DUCT		AIR COOLED CONDENSING UNIT	Aloc	OCCUPANCY SENSOR
			TWO POSITION CONTROL VALVE	"A" 0-199 1 33% MIN, AIR FLOW - 40° RISE @ LOW FLOW "B" 200-399 2 CONSTANT VOLUME - 40° RISE @ HIGH FLOW		100 C 120			LTCP	LOCAL TEMPERATURE CONTROL PANEL
		————	THREE-WAY MODULATING CONTROL VALVE	"C" 400-599 3 HIGH - LOW - HIGH - 40° RISE @ HIGH FLOW "D" 600-799 4 33% MIN. AIR FLOW - NO REHEAT		OVAL DUCT	HPS -	HIGH PRESSURE STEAM	HVAC	HVAC CONTROL PANEL
				"F" 800-1199 "F" 1200-2400 NOTE: BOX SIZE "F" & "G" MAY BE TWO	12" x 8"	RECTANGULAR DUCT,	PC	CONDENSATE PUMP DISCHARGE	VSMC	VARIABLE SPEED MOTOR CONTROLLER
			THREE-WAY TWO POSITION CONTROL VALVE	"G" 2400 & UP NOTE: BOX SIZE "F" & "G" MAY BE TWO PARALLEL BOXES		(FACE OF DUCT IS LISTED FIRST)	LPS -	LOW PRESSURE STEAM		
		<u> </u>	PRESSURE REGULATING VALVE		R	INCLINED RISE IN DIRECTION OF AIR FLOW	LPR	LOW PRESSURE STEAM CONDENSATE RETURN	(ECC)	INTEGRATE CONTROL POINT ON REMOTE GRAPHICS WORKSTATION / ENERGY CONTROL CENTER
		— ♣	PRESSURE SAFETY VALVE			INCLINED DROP		HEAT PUMP SUPPLY	TC	TEMPERATURE CONTROLLER. SEE SEQUENCE OF OPERATION
		7 一	AUTOMATIC BALANCING CONTROL VALVE			IN DIRECTION OF AIR FLOW		HEAT PUMP RETURN		
		——————————————————————————————————————	WATER BALANCE DEVICE				Name of the second	STEAM SUPPLY	PC	PRESSURE CONTROLLER. SEE SEQUENCE OF OPERATION
								CONDENSATE RETURN	(sc)	SPEED CONTROLLER. SEE SEQUENCE OF OPERATION
		Ð	CIRCUIT SETTER VALVE				s.m. —	SNOW MELT SUPPLY	FC	FLOW CONTROLLER. SEE SEQUENCE OF OPERATION
			GATE VALVE WITH GLOBE-VALVED BYPASS PLUG VALVE				S. M	SNOW MELT RETURN		A STATE OF SERVICE OF STREET
		Ā	CONTROL VALVE (CV) - FLOAT-OPERATED				G	GAS LINE DRAIN LINE	(FSH)	FLOW SWITCH HIGH
		_&	PRESSURE REDUCING VALVE (PRV)					A STATE OF THE STA	(FSL)	FLOW SWITCH LOW
		© C	WATER LEVEL CONTROLLER							
		<u>₩</u>	FLOW METER						(кс)	TIME CLOCK CONTROLLING EQUIPMENT ON A SCHEDULE
		id T	BALL VALVE						ee e	TEMPERATURE SENSING ELEMENT FOR TRANSMITTING TEMPERATURE TO EMCS
		<u> </u>	GATE VALVE EXPANSION COMPENSATOR OR FLEXIBLE CONNECTOR							(PROVIDE 12 INCHES [200mm] MINIMUM LENGTH IN DUCT WHEN SPACE PERMITS.)
									Lee A	SENSOR WITH AVERAGING ELEMENT TO TRANSMIT
		S	PUMP FLOW CONTROL VALVE						-20	TEMPERATURE TO EMCS
			VALVE BUNDLE							MOTOR STARTER
		(1.0)=	PRESSURE SENSOR (AIR SIDE)						1771	Wasani dan itali sakani da kanan itali
		P.D.	PRESSURE SENSOR (AIR SIDE) PRESSURE DIFFERENTIAL SENSOR (HYDRONIC)						M	ELECTRIC OPERATED CONTROL DAMPER/OR VALVE



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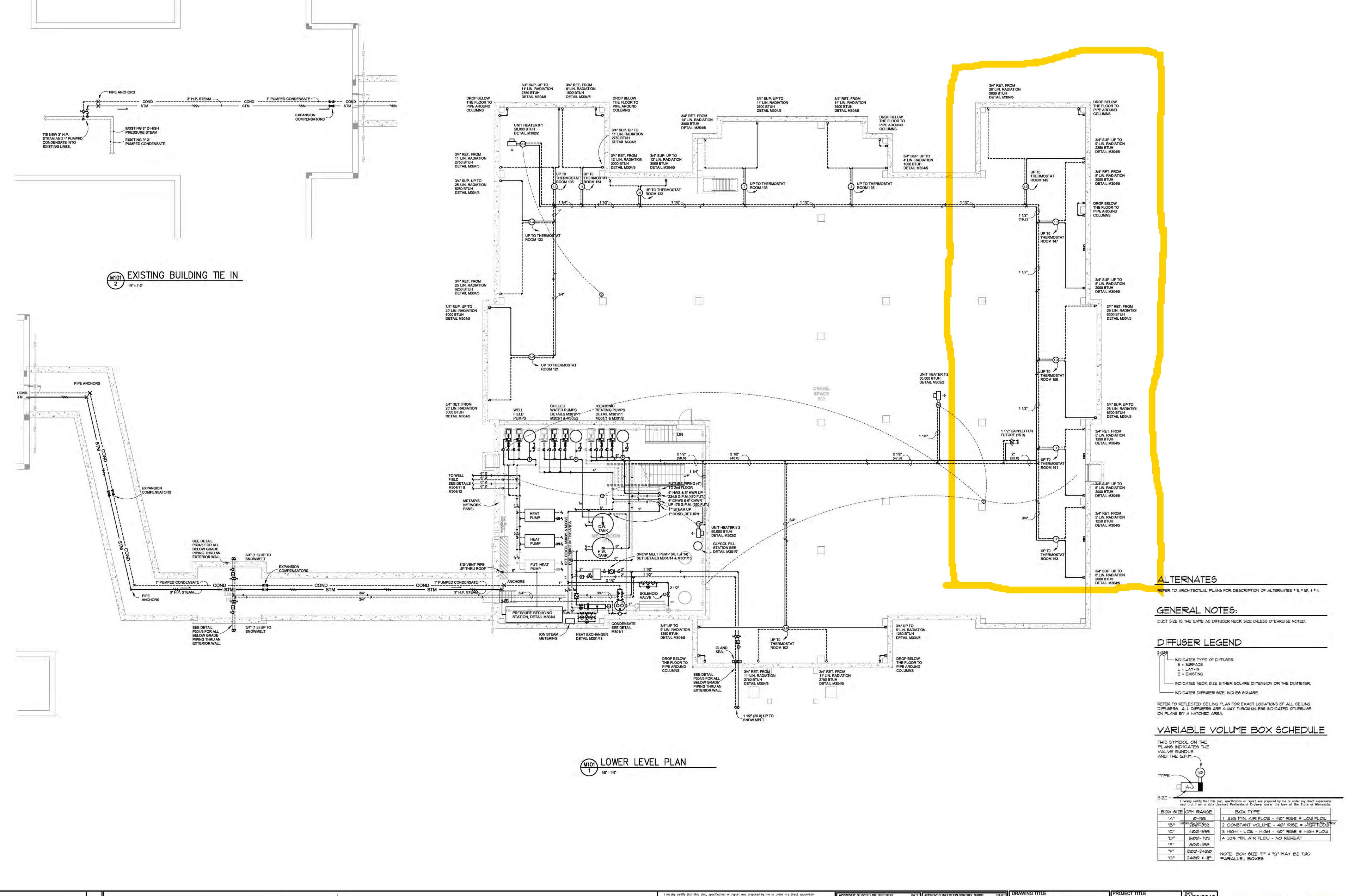
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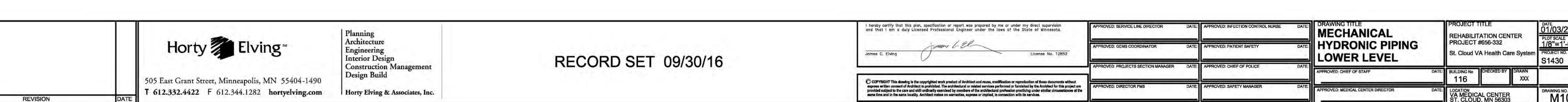


MECHANICAL
SYMBOLS AND
ABBREVIATIONS

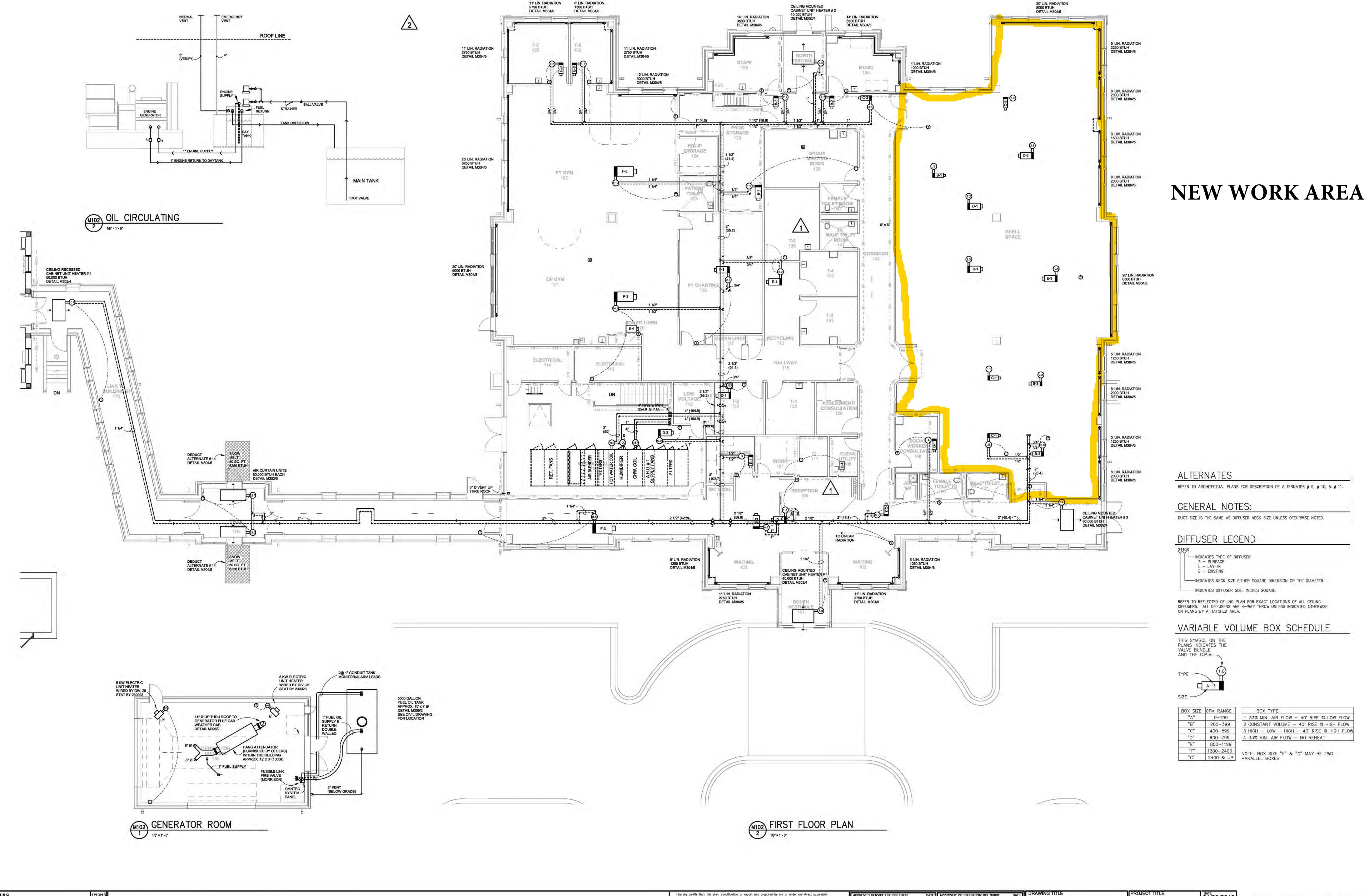
REHABILITATION CENTER PROJECT #656-332 St. Cloud VA Health Care System PROJECT NO. S1430 STE: BUILDING No CHECKED BY D VA MEDICAL CENTER ST. CLOUD, MN 56303







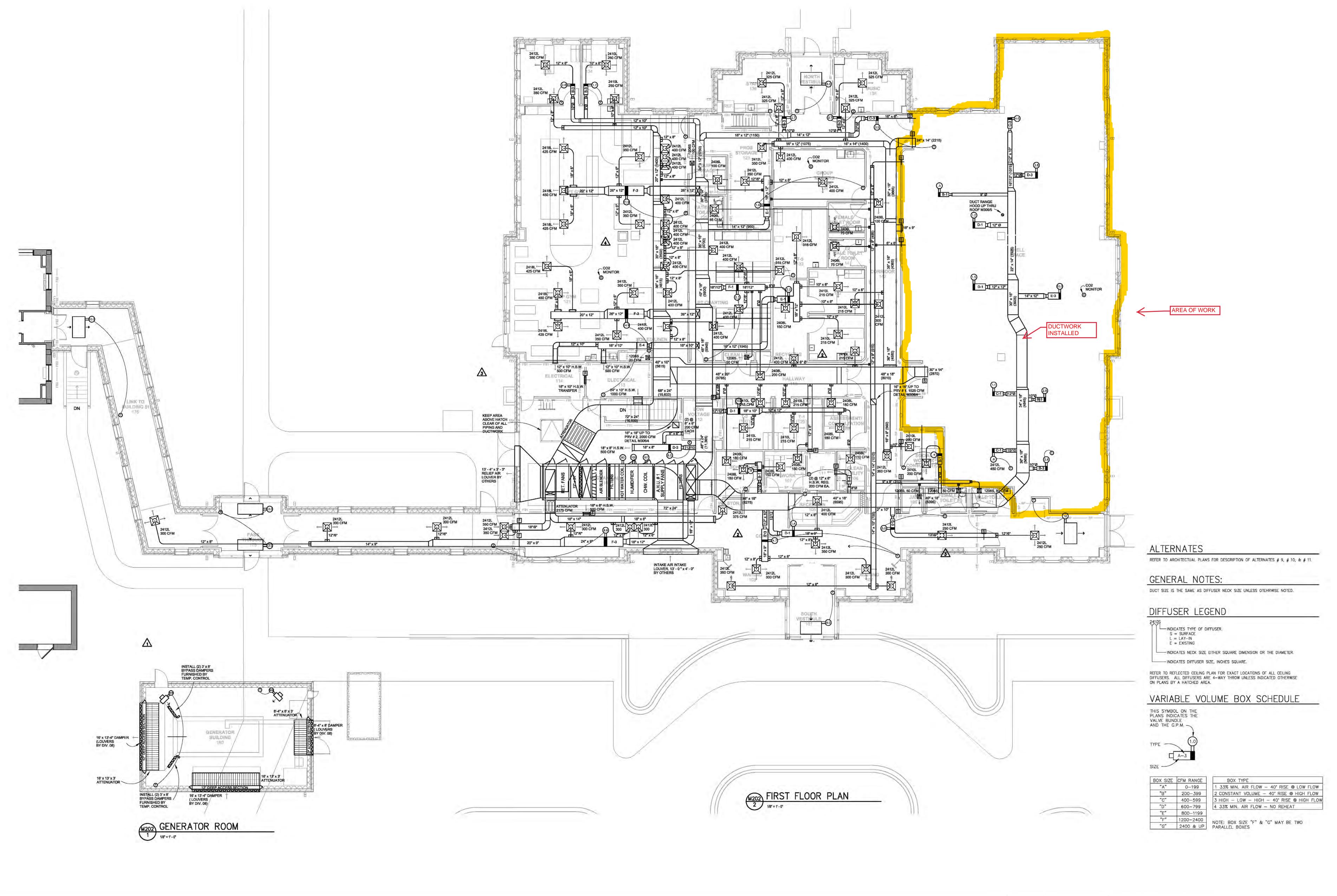


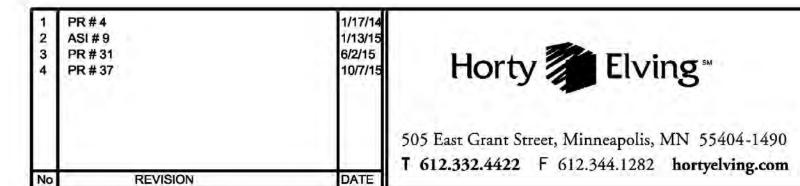




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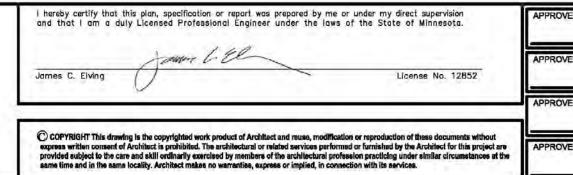




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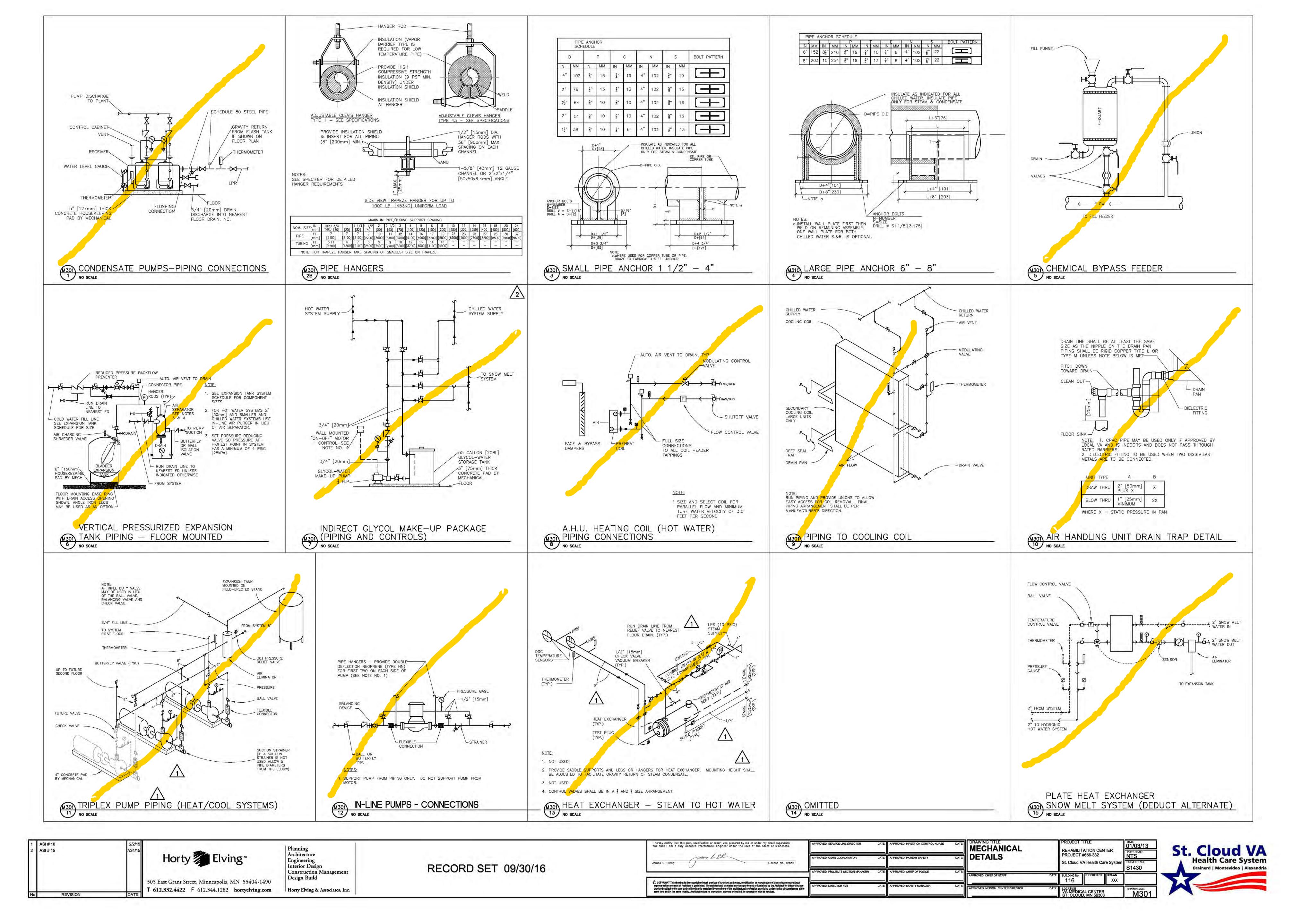
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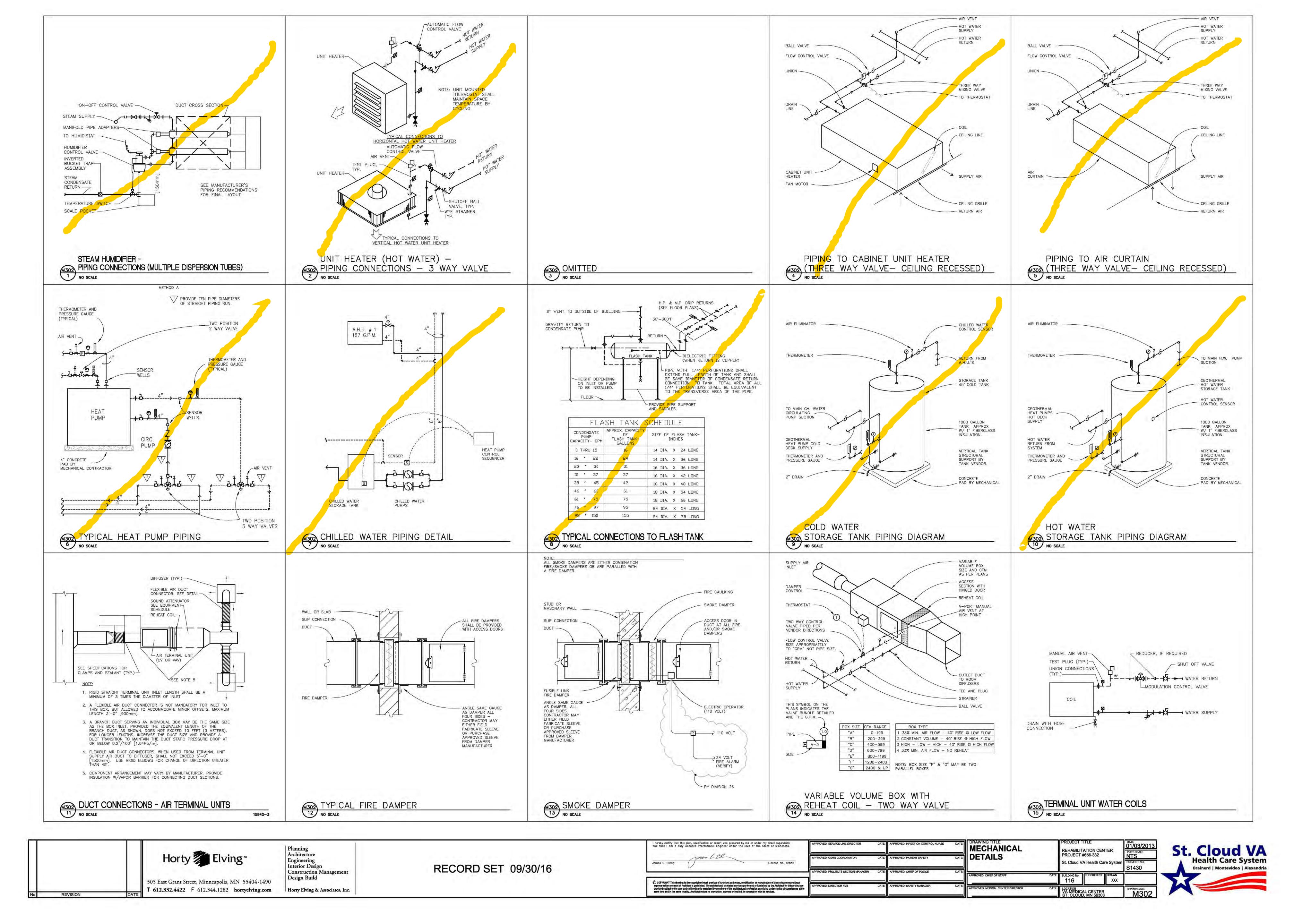


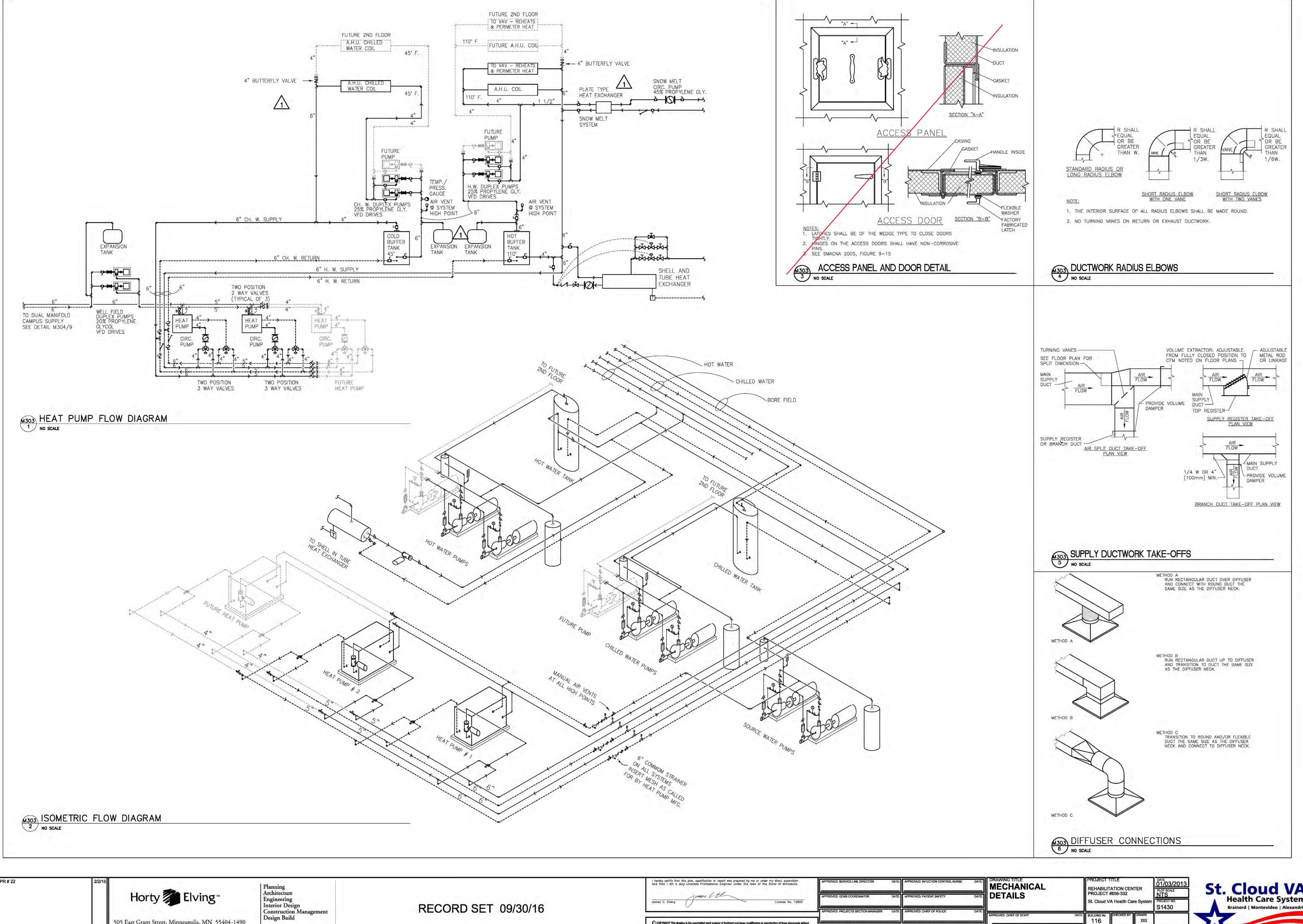
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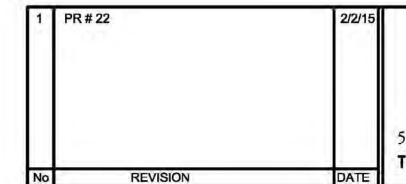
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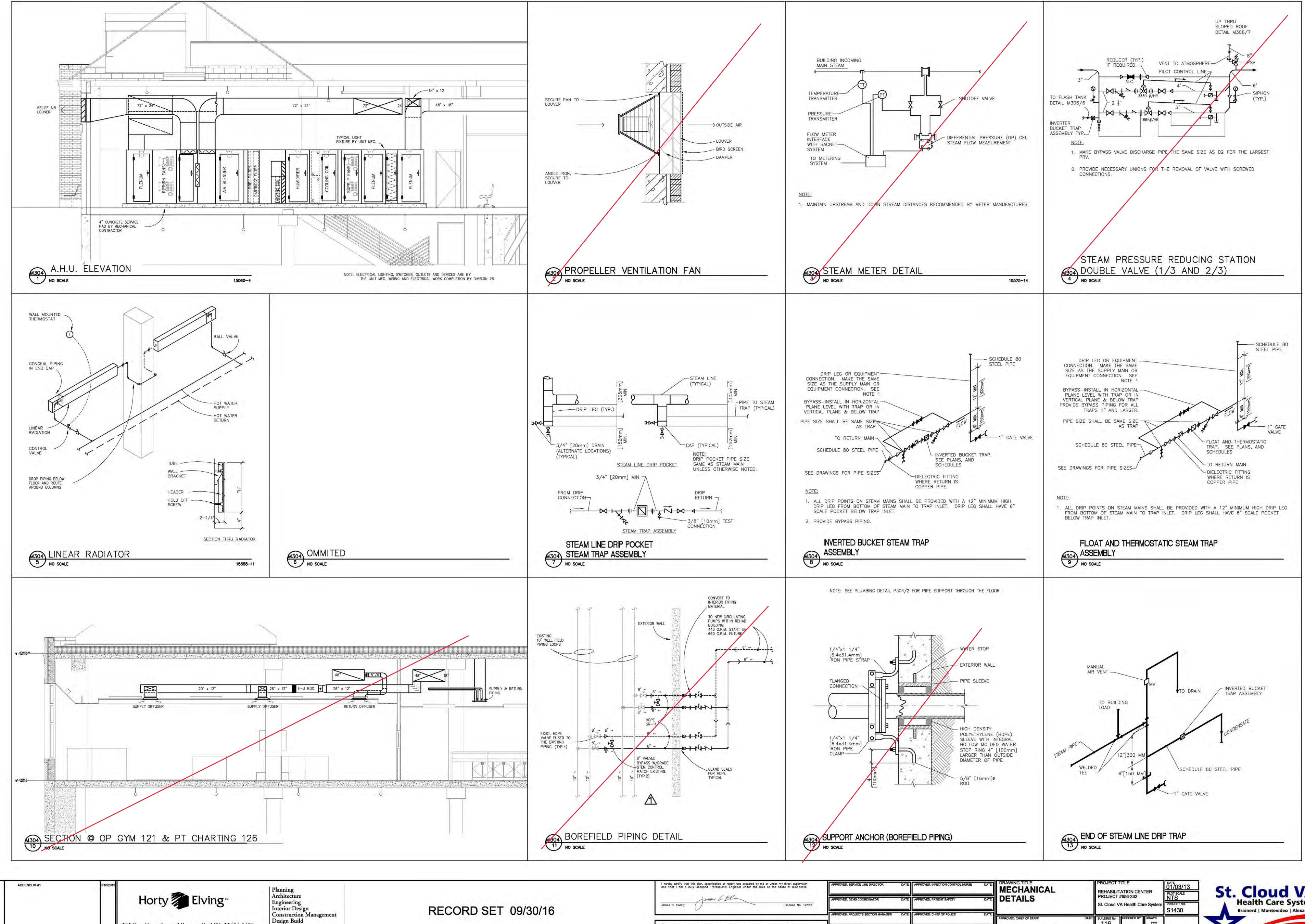
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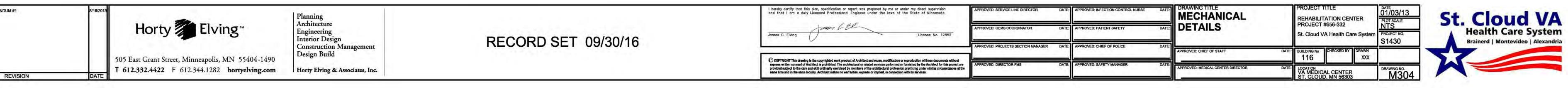
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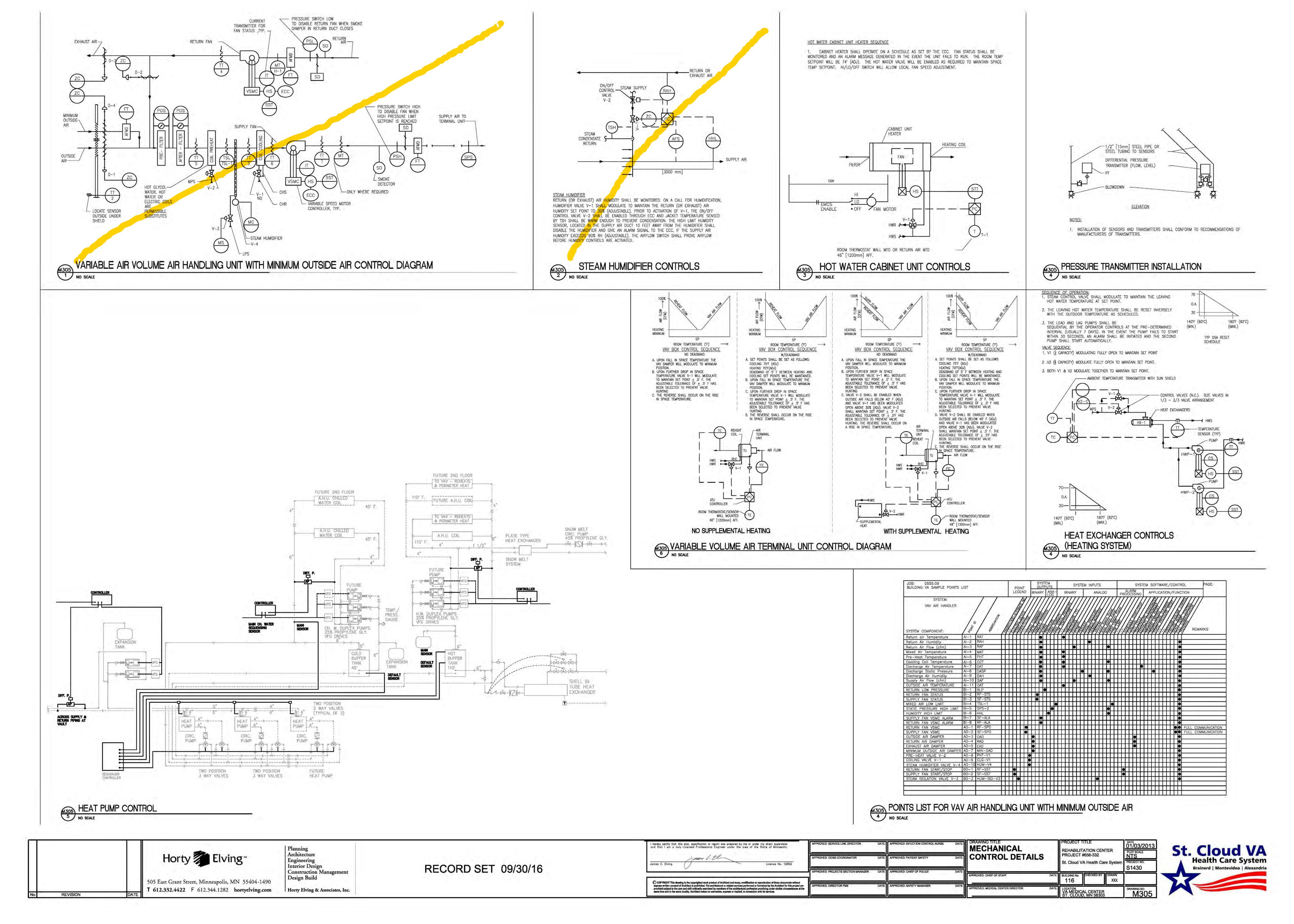
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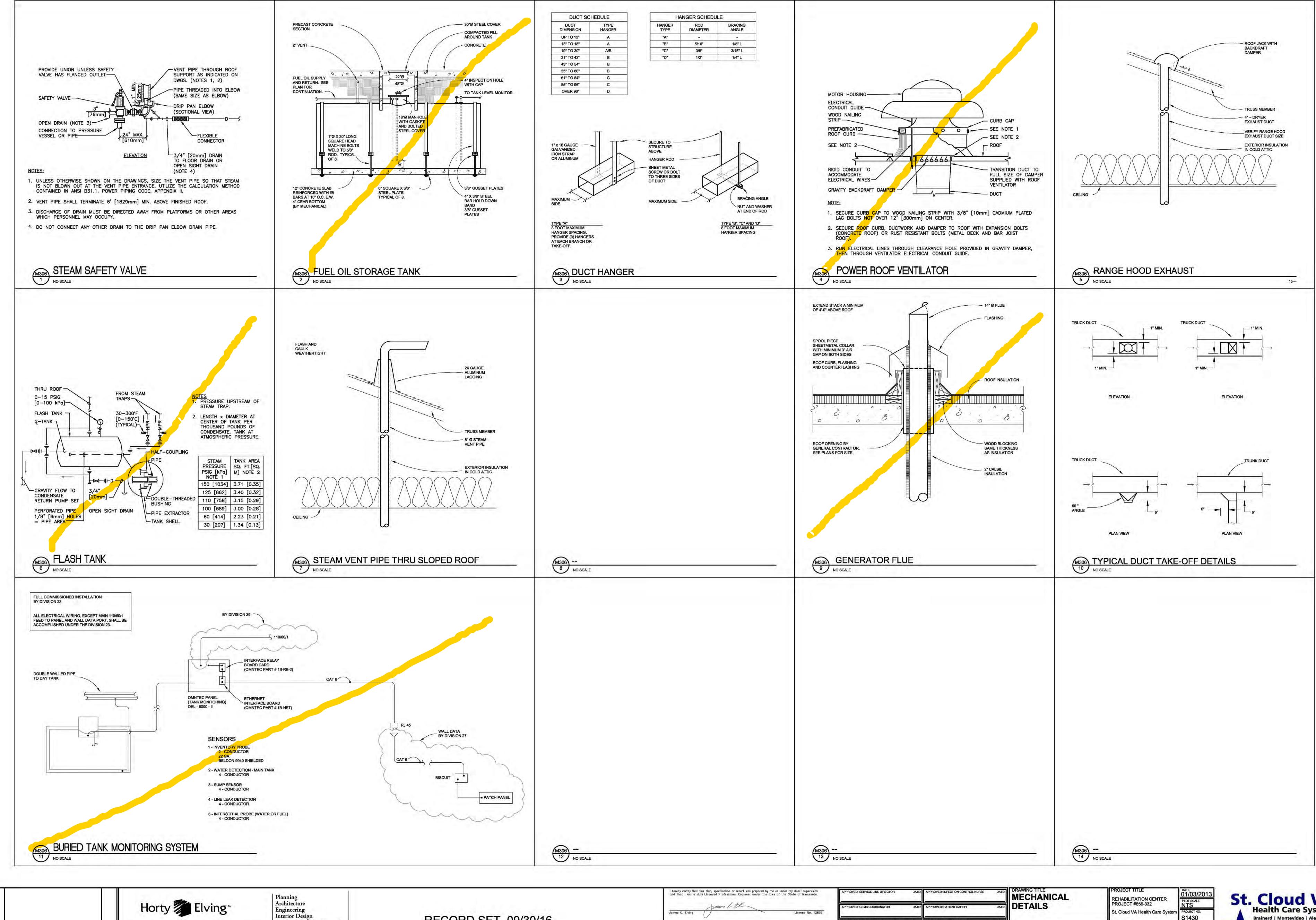
St. Cloud VA Health Care System S1430

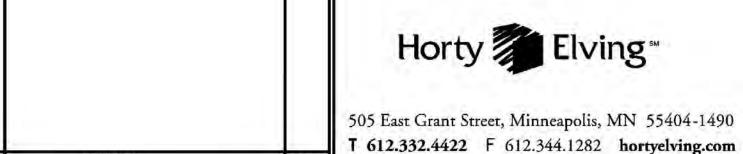












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UNIT NUMBER	A.H.U. # 1
LOCATION	MECH. 132
SERVES	ENTIRE BUILDING
MODEL NUMBER	CAH050GDGC
SUPPLY FAN	36 1/2" AIRFOIL
CFM	20,840 CFM
TOTAL STATIC PRESSURE	4 1/2"
H.P.	25 H.P.
R.P.M.	1401
VOLTAGE	480/60/3
FILTER BOX	2" PRE-FILTER
	DISCHARGE FILTER
RETURN FAN	40 1/4" AIRFOIL
H.P.	15 H.P.
R.P.M.	1264
HEATING COIL	20° AIR TEMP. RISE
	90 G.P.M. HOT WATER
COOLING COIL	CH. WATER - 175 G.P.M
NOTES	80°/67° TO 54.3°/53.5°
	105° F. M.W.T.
	AIR BLENDER
	STEAM HUMIDIFIER

SYSTEM	HYDRONIC HEATING	SNOW MELTING
LOCATION	MECH.001	MECH.001
LENGTH	6'-0"	PLATE TYPE
DIAMETER	14"	*
MODEL NUMBER	SU-146-2	e e e é
PRIMARY MEDIA	STEAM	25% PROP. GYLCOL
STEAM OR GPM (10 psig)	2980#/HR - 1555" START UP	25 GPM
TEMPERATURE IN/OUT		110°/100°
PRESSURE DROP	5'	-5'
SECONDARY PRODUCT	25% PROP. GYLCOL	45 % PROP. GLYCOL
GPM	320 GPM	25 GPM
TEMPERATURE IN/OUT	110°/120Ø	95°/105°
PRESSURE DROP	5'	5'

WELL FIELD G.P.M.	210 G.P.M.	210 G.P.M.	210.G.P.M
WELL FIELD P.D.	5'	5'	·····
SYSTEM G.P.M.	210 G.P.M.	210 G.P.M.	210.G.P.M
SYSTEM P.D.	4'	4'	······································
HEATING OUTPUT	836 MBH @ MAX. 70 KW	836 MBH @ MAX. 70 KW	83£ WBH @.WXX: 70 KM
	(3.5) COP MIN.	(3.5) COP MIN.	(3.5).COP.MIN
COOLING OUTPUT	70 TONS @ 45° F. (14.0) E.E.R. MIN.	70 TONS @ 45° F. (14.0) E.E.R. MIN.	70 TONS @ 46° F. (14.0) E.E.R. MIN

70 TONS

70 TONS

...70.TONS...

HEAT PUMP SCHEDULE

UNIT NUMBER

RATING

PRV NUMBER	P.R.V. #1	P.R.V. #2	PROP. FAN
SYSTEM	GEN EXHAUST	MECH. ROOM 001	CRAWL SPACE VENT.
CFM	1525 CFM	2000 CFM	2500 CFM
S.P.	1 1/4"	3/4"	3/4"
H.P.	1/2 H.P.	1/2 H.P.	1/4 H.P.
CURRENT	110/60/1	110/60/1	110/60/1
MODEL	161HP-5	GB-141-5	

UNIT NUMBER	UNIT HEATER # 1	UNIT HEATER #2	UNIT HEATER #3
LOCATION	CRAWL SPACE	CRAWL SPACE	MECH ROOM 001
MODE	HOT WATER	HOT WATER	HOT WATER
втин	50,000	50,000	50,000
CFM	1000	1000	1000
RPM	1150	1150	1150
H.P.	1/12	1/12	1/12
CURRENT	110/60/1	110/60/1	110/60/1
MODEL	HORIZONTAL	HORIZONTAL	HORIZONTAL
NOTES	105° M.W.T.	105° M.W.T.	105° M.W.T.

WELL FIELD	HYDRONIC HEATING	CHILLED WATER	SNOW MELT (ALT.)
1	1	1	4
100 GALLON	200 GALLON	100 GALLON	`15
YES	YES	YES	YES
R-6	R-6	R-6	R-2
YES	YES	YES	YES
	- A		-
- 11	1	11	1
30 #	30 #	30 #	30#
	1 100 GALLON YES R-6 YES — 1	1 1 100 GALLON 200 GALLON YES YES R-6 R-6 YES YES 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

MODE	HOT WATER	HOT WATER	HOT WATER	HOT WATER
втин	40,000 BTUH	40,000 BTUH	60,000 BTUH	50,000 BTUH
CFM	600 CFM	600 CFM	800 CFM	750 CFM
RPM	1150	1150	1150	1150
H.P.	1/20	1/20	1/20	1/20
CURRENT	110/60/1	110/60/1	110/60/1	110/60/1
MODEL	CEILING RECESSED	CEILING RECESSED	CEILING RECESSED	CEILING RECESSED
NOTES	105° M.W.T.	105° M.W.T.	105° M.W.T.	105° M.W.T.

CIRCULATING	PUMP SCHEDULE													
PUMP NUMBER	PUMP#1	PUMP#2	PUMP#3	PUMP#4	FUTURE PUMP#5	PUMP#6	PUMP#7	FUTURE PUMP#8	PUMP#9	PUMP # 10	FUTURE.PUMP.#.11	PUMP # 12	PUMP # 13	PUMP # 14
LOCATION	MECH. 001	MECH. 001	MECH. 001	MECH. 001	M€CH,001	MECH. 001	MECH. 001	MECH, 901	MECH. 001	MECH. 001	MESH.001	MECH. 001	MECH, 001	MECH. 001
SYSTEM	WELL FIELD	WELL FIELD	HYDRONIC HEATING	HYDRONIC HEATING	HYDRONIC HEATING	CH. WATER	CH. WATER	CH. WATER	HEAT PUMP	HEAT PUMP	HEXT-PUMP	HEAT EXCHANGER	SNOW MELT	CONDENSATE
STYLE	BASE MOUNT	BASE MOUNT	BASE MOUNT	BASE MOUNT	BASE MOUNT	BASE MOUNT	BASE MOUNT	EASE MOUNT	IN-LINE	IN-LINE		IN-LINE	IN-LINE	DUPLEX PUMPS
GPM	660 GPM	660 GPM	310	310	265	175 G.P.M.	175 G.P.M.	·/////////////////////////////////////	220 G.P.M.	220 G.P.M.	220 G.P.M	329	25	10 G.P.M.
HEAD	60'	60'	50'	50'	45:	65'	65'	35:	58'	58'		25'	50'	20 P.S.I.G.
RPM	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750	1750
MEDIA	20% PROPYLENE	20% PROPYLENE	25% PROPYLENE	25% PROPYLENE	25% PRORYLENE	25% PROPYLENE	25% PROPYLENE	25% PRDRYLENE	25% PROPYLENE	25% PROPYLENE	25% PRDRYLENE	25% PROPYLENE	45% PROPYLENE	COND.
H.P.	15 H.P.	15 H.P.	7 1/2 H.P.	7 1/2 H.P.	7.1/2HP	5 H.P.	5 H.P.	SH.P	5 H.P.	5 H.P.		3 H.P.	1 H.P.	2 @ 3/4 H.P.
CURRENT	480/60/3	480/60/3	480/60/3	480/60/3	480/60/8	480/60/3	480/60/3	480/60/3	480/60/3	480/60/3	480/60/8	480/60/3	480/60/3	480/60/3
MODEL	B & G 1510 - 4BC	B & G 1510 - 4BC	B & G 1510 - 2 1/2 BB	B & G 1510 - 2 1/2 BB	B'&'G'.1510'.'.35C	B & G 1510 - 2 BC	B & G 1510 - 2 BC	**********************	B & G SERIES 80 - 3x3x9-1/2B	B & G SERIES 80 - 3x3x9-1/2E	COLUMN TO STREET, STRE	B & G SERIES 80SC - 4x4x7	IN-LINE	COND. SET
NOTES	DUPLEX VAR. FREQ. DRIVE	DUPLEX VAR. FREQ. DRIVE	VARIABLE FREQ. DRIVE	VARIABLE FREQ. DRIVE	·· VARIAÐLE FREQ: ORIVE ··	VARIABLE FREQ. DRIVE	VARIABLE FREQ, DRIVE	: VARIAÐLE FRÉQ: ÖRIVE				IN-LINE	B & G SERIES 80 1 1/2x1 1/2x7B	40 GALLON RECEIVER

	ATING UNIT SCHEDUI	- Ann
LOCATION	175	175
HEATING DEVICE	AIR CURTAIN	AIR CURTAIN
SIZE	1CA2072	1CA2072
втин	60,000 BTUH	60,000 BTUH
GPM	12	12
CONTROL	THERMOSTAT	THERMOSTAT
NOTES	4500 CFM - 78" WIDE TWO MOTORS @ 1/2 H.P.	4500 CFM - 78" WIDE TWO MOTORS @ 1/2 H.P

ATTENUATURS				
SYSTEM	RETURN AIR	RETURN AIR	GENERATOR INTAKE	GENERATOR EXHAUST
CFM	16,600 CFM	2175 CFM	77,500 CFM	73,500 CFM
OCTAVE BAND CENTER FREQUENCY (HZ)	FOURTH	FOURTH	FOURTH	FOURTH
MINIMUM DYNAMIC INSERTION LOSS (DB)	11 dba	11 dba	27 dba	27 dba
FACE VELOCITY FPM	1383 F.P.M.	750 F.P.M.	480 F.P.M.	480 F.P.M.
APPROXIMATE SIZE	72" x 24"	30" x 14"	10' x 15'	10' x 15'
LENGTH	5'-0"	3'-0"	3'-0"	3'-0"

ROOM NUMBER	A.H.U. # 1	
CFM	20,000 CFM	
#STEAM	150 #/HR	
REL. HUMIDITY	20 %	
GPM		
PROBE LENGTH	-	
NOTES	VERIFY LENGTH WITH UNIT MFG.	

TYPE	LINEAR RADIATION
CAPACITY	250 BTUH/ LIN. FT.
LENGHT	SEE PLANS
SIZE	SEE SPECIFICATIONS
NOTES	105° F. M.W.T.

VARIABLE AIR VOLUME SCHEDULE

102 & 103

110 & 112

113 & 114

115, 126, 127

121

122

123, 124, 125, 139 106, 128, 129, 130 131, 132, 133, 142

135

146, 147, 148, 150

151, 152, 153

155, 156

160,165

161, 162

175 & 176

D-3 H-L-H

D-3 H-L-H

F-3 H-L-H

F-3 H-L-H

C-3 H-L-H

B-3 H-L-H B-3 H-L-H

B-3 H-L-H

B-3 H-L-H

C-3 H-L-H

E-3 H-L-H

B-3 H-L-H

C-3 H-L-H

NOTE: 105' F. MEAN WATER TEMP.

REHEAT BTUH

22,500

30,000

66,000

10,700

13,900

13,100

18,100

25,000

CFM MINIMUM

215

110

400

CFM MAXIMUM

1000

1200

2000

400

1200

NOTE: 105° F. MEAN WATER TEMP.

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COLD WATER SUPPLY

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	James	6-66	
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FUEL OIL TANK

APPROX. DIMENSIONS

CAPACITY

NOTES

BELOW GRADE

5000 GALLON

15' x 7'
DOUBLE WALLED
ASTM A36 STEEL

				DR/
APPROVED: SERVICE LINE DIRECTOR	DATE:	APPROVED: INFECTION CONTROL NURSE	DATE:	M
APPROVED; GEMS COORDINATOR	DATE:	APPROVED: PATIENT SAFETY	DATE:	S
APPROVED: PROJECTS SECTION MANAGER	DATE	APPROVED: CHIEF OF POLICE	DATE:	APPRO
APPROVED; DIRECTOR FMS	DATE:	APPROVED: SAFETY MANAGER	DATE:	ADDD

WING TITLE ECHANICAL CHEDULES		PROJECT TITLE REHABILITATION CENTER PROJECT #656-332 St. Cloud VA Health Care System		DATE 01/03/2	
					PLOT SCALE NTS PROJECT NO. S1430
OVED: CHIEF OF STAFF	DATE:	BUILDING No 116	CHECKED BY	DRAWN XXX	
OVED: MEDICAL CENTER DIRECTOR	DATE:	LOCATION VA MEDIC ST. CLOU	AL CENTER D, MN 56303		DRAWING NO.



VAV

GPM

4.7

6.0

14.4

11.9

2.2

2.8

1.6

1.1

5.0

DELTA T