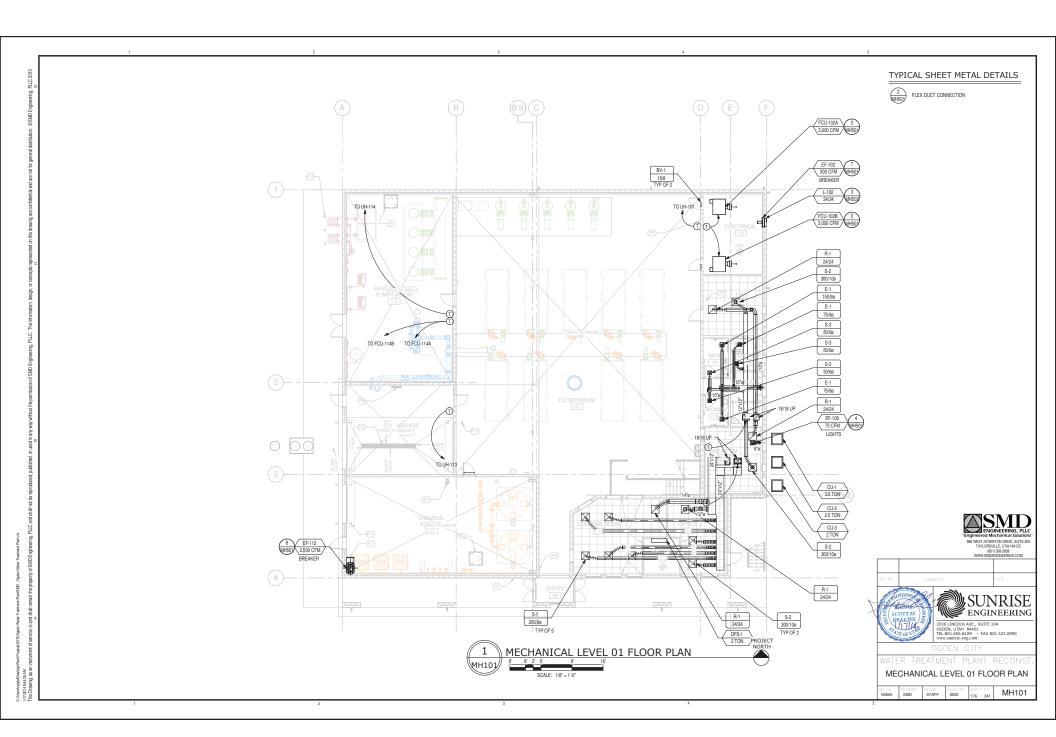
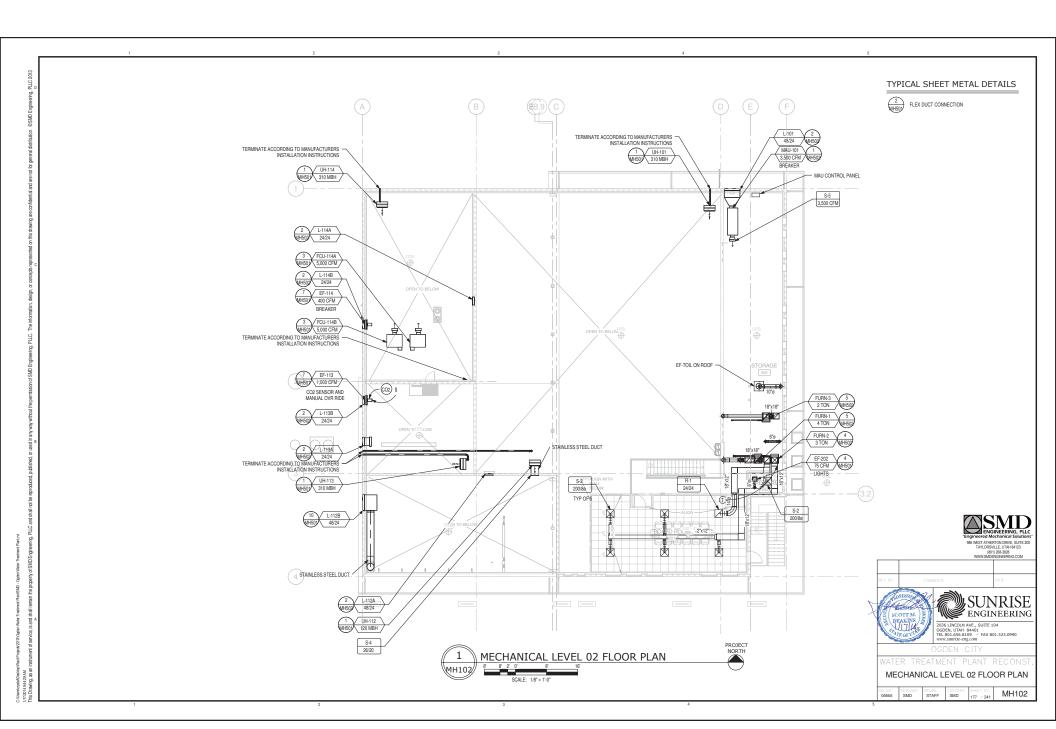
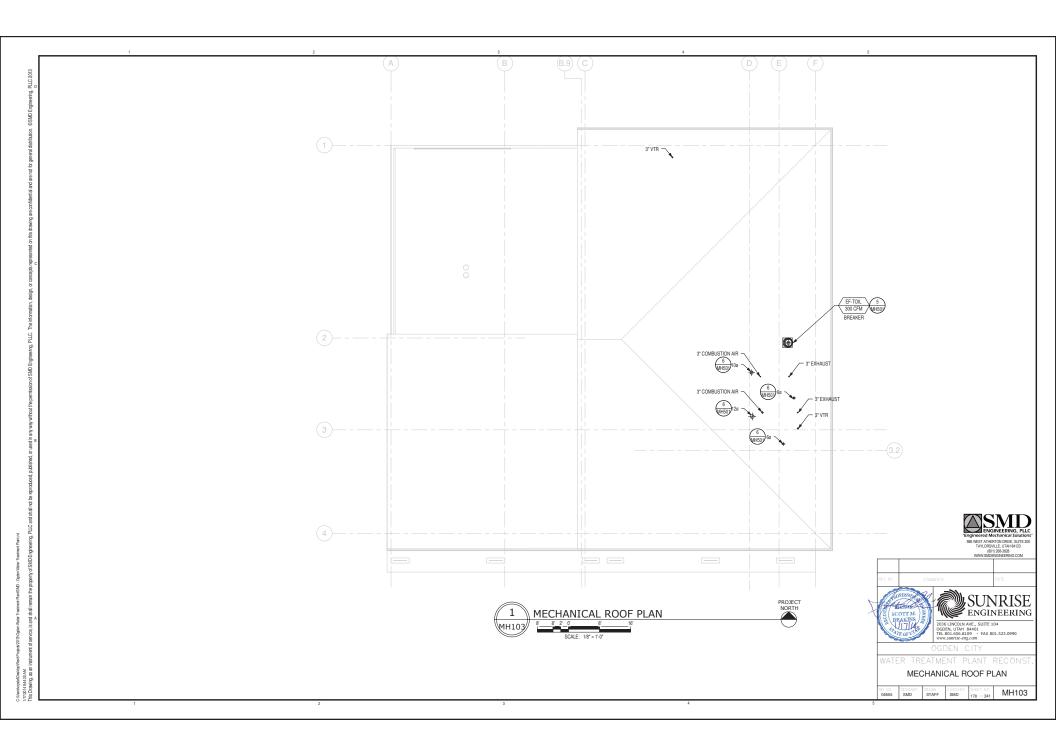
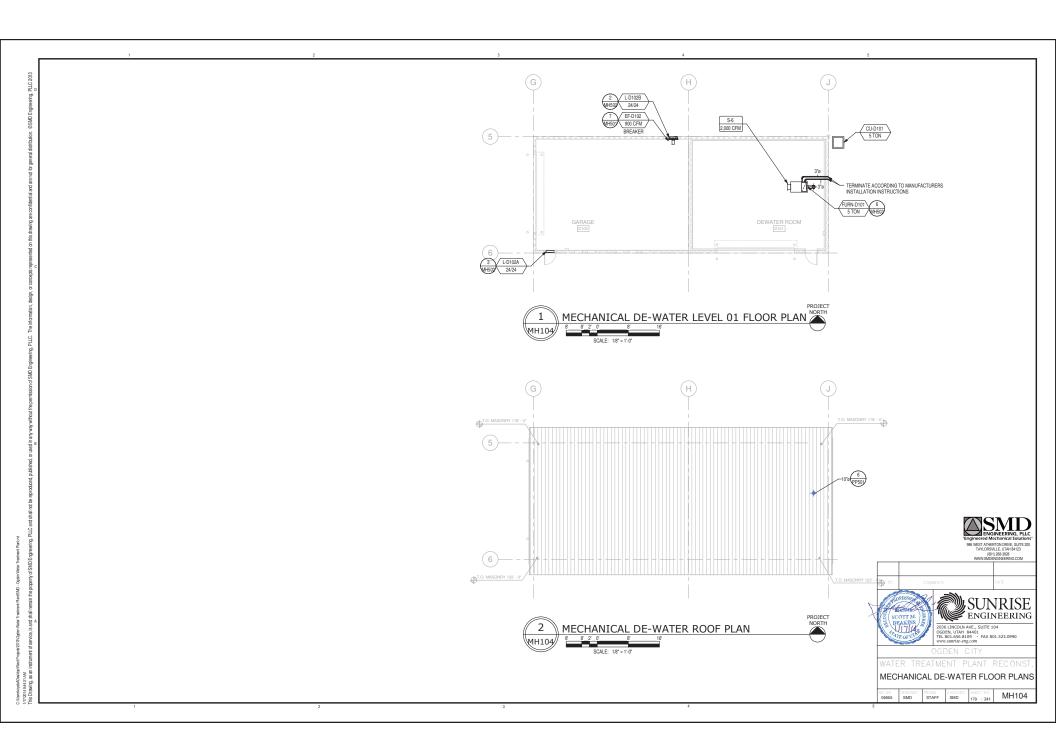
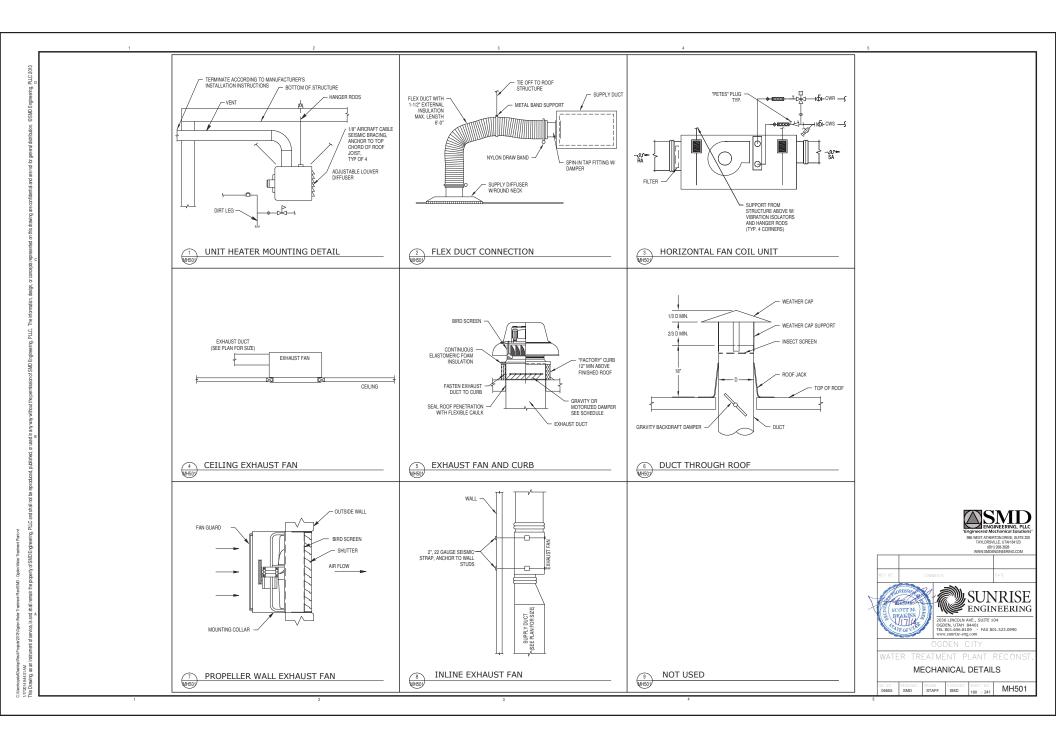
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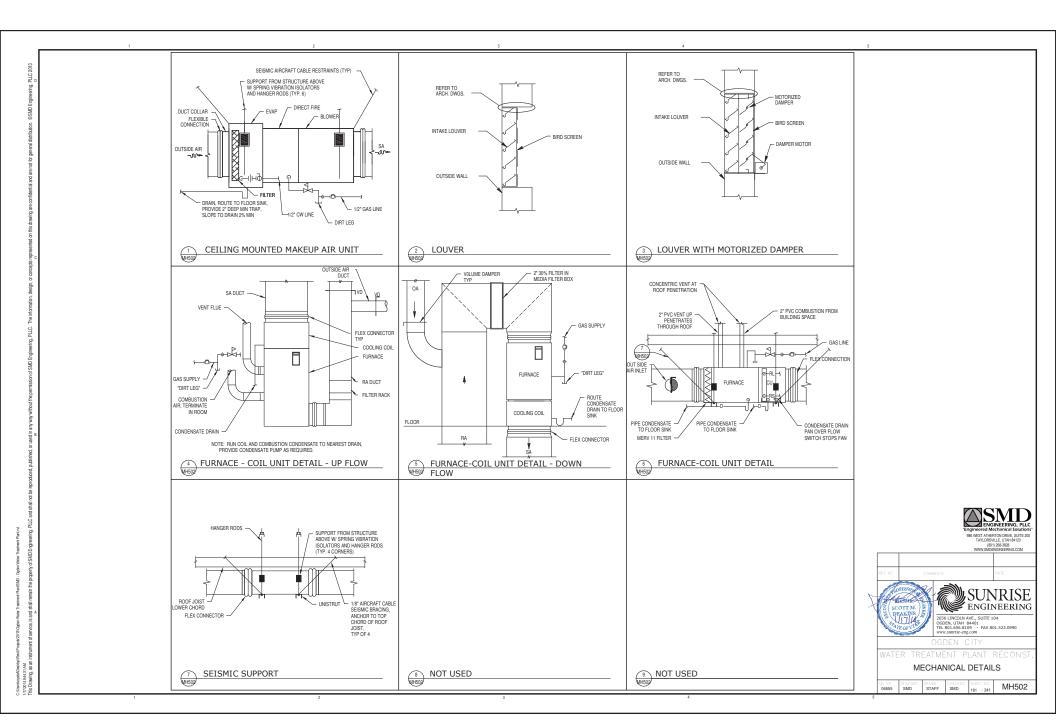












FURN FURNACE SCHEDULE (F) EVAPORATOR COIL BURNER AIRFLOW ELECTRICAL DIMENSIONS GAS CONNECT SIZE (IN) MARK GAS INPUT (MBH) PRESS. DROP (IN WC) MANUFACTURER MODEL REMARKS OUTPUT (MBH) COMB. AIR SIZE/MATL VENT SIZE/MATL ESP (IN WC) ENTERING DB/WB LEAVING DB TOTAL (MBH) EVAPORATOR COIL MODEL NO. CONDEN. UNIT VOLTS/ PHASE D (IN) WT (LBS) W (IN) H (IN) STAGE AFUE CFM FLA MOCP (MBH) AMERICAN STANDARD AUH2C100A9V4 FURN-1 100 96 2 96 1/2 2 1/2"/PVC 2 1/2"/PVC 1,600 0.5 75/59 51.7 36 34 0.3 4TXCB048 CU-1 1/2 120/1ø 1.0 20 23 42 31 168 NOTE 1 AMERICAN STANDARD AUH2B060A9V3 FURN-2 60 2 96 1/2 2"/PVC 1,200 0.4 75/59 51.2 26 24 0.15 CU-2 1/3 120/1ø 1.0 15 20 42 31 NOTE 1 AMERICAN STANDARD FURN-3 60 58 2 96 1/2 2"/PVC 2"/PVC 730 0.5 75/59 55.7 17 15 01.175 4TXAA024 CU-3 1/3 120/1ø 1.0 15 18 40 28 168 NOTE 1 AUH2B060A9V3 AMERICAN STANDARD AUD2D120139V FURN-D101 120 97 2 80 1/2 4"/PVC 4"/PVC 2000 0.5 75/59 55.5 56.3 52.3 0.35 4TXCDO60 CU-D101 1.14 20 25 40 28 181 NOTE 1 120/1ø

NOTE 1: PROVIDE PROGRAMMABLE 7-DAY THERMOSTAT W/ NIGHT SETBACK, 4" DEEP FILTER CABINET AND ECM VARIABLE SPEED MOTOR.

MARK

			LOU\	/ER	S	CHE	EDULE (L)	L W/H
MARK	CEM	FACE VELOCITY	FLOW AREA	DII W	MENSIC	NS D	DAMPER	MANUFACTURER	REMARKS
Wester	OI W	(FPM)	(SF)	(IN)	(IN)	(IN)	DAMI LII	MODEL	TIEMATINO
L-114A	400	211	1.89	24	24	6	GRAVITY	RUSKIN ELF6375DX	NOTE 1
L-114B	400	211	1.89	24	24	6	24V MOTORIZED	RUSKIN ELF6375DX	NOTE 1
L-113A	1,000	529	1.89	24	24	6	GRAVITY	RUSKIN ELF6375DX	NOTE 1
L-113B	1,000	529	1.89	24	24	6	24V MOTORIZED	RUSKIN ELF6375DX	NOTE 1
L-112A	2,500	631	3.96	48	24	6	GRAVITY	RUSKIN ELF6375DX	NOTE 1
L-112B	2,500	631	3.96	48	24	6	24V MOTORIZED	RUSKIN ELF6375DX	NOTE 1
L-101	3,500	883	3.96	48	24	6	24V MOTORIZED	RUSKIN ELF637DX	NOTE 1
L-102	300	159	1.89	24	24	6	24V MOTORIZED	RUSKIN ELF6375DX	NOTE 1
L-D102A	900	476	1.89	24	24	6	24V MOTORIZED	RUSKIN ELF6375DX	NOTE 1
L-D102B	900	476	1.89	24	24	6	GRAVITY	RUSKIN ELF6375DX	NOTE 1

NOTE 1: EXTRUDED ALUMINUM CONSTRUCTION W/ BIRD SCREEN , FACTORY APPLIED KYNAR FINISH MATCHING COLOR CHIP PROVIDED BY ARCHITECT.

							СО	NDE	NSIN	IG U	NIT	SCH	EDUI	LE (C	CU)				CU TON
K	NOMINAL CAPACITY (TONS)	REFRIGERANT	AMBIENT	SEER	STEPS	VOLTS/ PHASE	MCA	ELECTR MOCP	COMPR (EA		FAN (EACH)	D (M)	W	DIMENSI H (IN)	ONS WT (LBS)	MIN.PAD SIZE	FURNACE	MANUFACTURER MODEL	REMARKS
						FRACE			LRA	RLA	FLA	(IIV)	(IIV)	(IIV)	(LDO)	(IIV)			
		D 4404	0.5			00014			440	47.0		05			005	403744	EUDNI 4	AMERICAN STANDARD	

									LHA	HLA	FLA								
CU-1	3.5	R-410A	95	16	1	208/1ø	23	40	112	17.9	0.93	35	38	42	235	42X44	FURN-1	AMERICAN STANDARD 4TTB6042A	
CU-2	2.5	R-410A	95	16	1	208/1ø	15	25	63.5	11.5	1.2	35	38	38	201	42X44	FURN-2	AMERICAN STANDARD 4TTB6030A	
CU-3	2	R-410A	95	16	1	208/1ø	9	15	38.6	6.8	0.74	30	33	29	174	36X39	FURN-3	AMERICAN STANDARD 4TTB6024A	
CU-D101	5	R-410A	95	13	1	208/1ø	35	60	134	26.8	0.93	39	35	43	226	45X41	FURN-D101	AMERICAN STANDARD 4TTB3060D	
							F	AN (COIL	UNI	T SC	CHED	ULE	(FCl	J)				FCU CFM
														`	,				

								FAI	V CO	IL U	NIT	SCHI	EDUI	_E (FCU)							FCU CFM
			FAN			MOTOR					(COOLING C	DIL					DIME	NSIONS	3		
MARK	AREA SERVED	CFM	ESP (IN WC)	DRIVE	HP	VOLT/ PHASE	FLA	ROWS	EAT DB/WB °F	LAT DB/WB °F	TOTAL MBTUH	SENS. MBTUH	EWT/ LWT °F	GPM	WATER PD (FT WC)	PROP. GLYC. %	L (IN)	W (IN)	H (IN)	WT (LBS)	MANUFACTURER MODEL	REMARKS
FCU-114A	PUMP ROOM	5,000	0.75	BELT	3	460/3ø	4	6	90/58	61/47	136	136	55/62	37.5	6.87	0	52	61	35	546	TRANE LPCAA10F	W/ MERV 8 4" FILTER, HORIZONTAL CONFIGURATION
FCU-114B	PUMP ROOM	5,000	0.75	BELT	3	460/3ø	4	6	90/58	61/47	136	136	55/62	37.5	6.87	0	52	61	35	546	TRANE LPCAA10F	W/ MERV 8 4" FILTER, HORIZONTAL CONFIGURATION
FCU-102A	ELECTRICAL ROOM	3,000	0.75	BELT	1.5	460/3ø	2.4	6	90/58	61/47	81	81	55/63	22.5	9.18	0	47	48	22	264	TRANE BCHC072G1	W/ MERV 8 4" FILTER, HORIZONTAL CONFIGURATION
FCU-102B	ELECTRICAL ROOM	3,000	0.75	BELT	1.5	460/3ø	2.4	6	90/58	61/47	81	81	55/63	22.5	9.18	0	47	48	22	264	TRANE BCHC072G1	W/ MERV 8 4" FILTER, HORIZONTAL CONFIGURATION

					MAI	KE U	P AI	R UN	IIT SC	HED	ULE	(MA	U)		MAU CFM
MARK	CFM	ESP (IN WC)	HP	VOLT/ PHASE	FUEL	INPUT MBH	OUT. MBH	EFF.	TEMP. RISE °F	L (IN)	H (IN)	SIONS W (IN)	WT (LBS)	MANUFACTURER MODEL	REMARKS
MAU- 101	3,500	1.0	5	208/3ø	LPG	300	240	80	60	86	39	31	790	REZNOR ADF-300	





UH MBH UNIT HEATER SCHEDULE HEATING CAPACITY (PROJECT) FAN MOTOR DIMENSIONS MANUFACTURER THROW GAS CONNECT SIZE (IN) MARK AREA SERVED IN MBH OUT MIN AFUE CFM MOUNTING VOLT/ PHASE FLA UNIT W (IN) D (IN) H (IN) WT (LBS) REMARKS FLUE FUEL NO. MODEL REZNOR UEAS310 FILTER ROOM 310 278 LPG 120/1ø 10 41 54 35 395 UH-101 4" PVC 4.283 113 CEILING 1/2 NOTE 1 REZNOR UEAS310 4,283 113 CEILING 1/2 NOTE 1 REZNOR UEAS310 41 395 UH-113 GARAGE 310 278 3/4 91 4" PVC LPG 4,283 113 CEILING 1/2 120/1ø 10 54 35 NOTE 1 REZNOR UDBS125 REMOVE DISCHARGE GRILLE AND CONNECT TO STAINLESS STEEL DUCTWORK, NOTE 1 CHEMICAL ROOM LPG 13 61 31 UH-112 120 100 1/2 83 4" PVC 2,049 196 CEILING 3/4 120/1ø 40 136

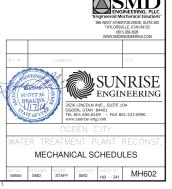
NOTE: SINGLE STAGE, HOT SURFACE IGNITION, 100% SHUT-OFF, MULTIPLE RETRY WI AUTO RESET FROM LOCKOUT, VIBRATION ISOLATION KIT. VENT IS SLOPED DOWNWARD 1/4" PER FOOT TOWARDS TERMINATION WI A LISTED THIMBLE IN WALL PENETRATION, AND LISTED VENT CAP.

									ı	DUC	ΤF	REE	SPLIT (DF	S)									DFS NOM. TON
MARK	AREA SERVED	NOM. TONS	SEER	TOTAL MBH (ARI)	FAN FLA	MCA	CFM	VOLT/ PHASE	INDOC L (IN)	OR UNIT H (IN)	D (IN)	WT (LBS)	MANUFACTURER MODEL	VOLT/ PHASE	MCA	MOCP	FAN FLA	OUTDC L (IN)	OR UNIT H (IN)	D (IN)	WT (LBS)	MANUFACTURER MODEL	REMARKS
DFS-1	SERVER ROOM	2.0	17	24	0.36	1	775	208/1ø	47	15	12	46	MITSUBISHI EKA-A24KA4	208/1ø	18	30	0.75	38	38	14	163	MITSUBISHI PUY-A24NHA4	NOTE 1

NOTE 1: ASHRÁE 80.1 COMPLIANT, W "FACTORY" CONTROLS, "FACTORY" LINE KIT, AND RÉMOTE CONTROL, "FACTORY" CÓNDENSING UNIT TO INDOOR UNIT.

					E	XHA	JST	FAN	SCH	EDUL	E (EF)					CFM CFM
	AREA				ESP	FAN		M	OTOR			DAMPER		OPENING	MANUFACTURER	
MARK	SERVED	TYPE	DRIVE	CFM	(IN WC)	RPM	RPM	BHP	HP	VOLT /PHASE	SONES	DAMIFER	CONTROL	SIZE (IN)	MODEL	REMARKS
EF-TOIL	TOILET ROOMS	CENTRIFICAL	DIRECT	300	0.5	1,459	1,459	107 WATTS	1/8	120/1ø	9.6	GRAVITY	WHEN OCCUPIED	N/A	COOK 100W15DH	
EF-102	ELCTRICAL 102	PROP	DIRECT	300	0.25	1,517	1,517	0.1	0.05	120/1ø	10.7	GRAVITY	BREAKER	N/A	COOK 10515D	
EF-109	ROOM 109	CEILING	DIRECT	75	0.5	1,100	1,100	66 WATTS	N/A	120/1ø	3.7	GRAVITY	LIGHTS	N/A	COOK GC-144	
EF-112	CHEMICAL ROOM 112	PROP	DIRECT	2,500	0.5	1,978	1,978	0.25	1	120/1ø	30	GRAVITY	BREAKER	N/A	COOK 14CUB	
EF-113	GARAGE 113	PROP	DIRECT	1,000	0.5	1,025	1,025	0.28	1/2	120/1ø	16.7	GRAVITY	SWITCH OR CO2	N/A	COOK 24EP616B	
EF-114	PUMP ROOM 114	PROP	DIRECT	400	0.25	1,202	1,202	0.09	1/8	120/1ø	1.3	GRAVITY	BREAKER	N/A	COOK 12515D	
EF-202	ROOM 202	CIELING	DIRECT	75	0.5	1,100	1,100	66 WATTS	N/A	120/1ø	3.7	GRAVITY	LIGHTS	N/A	COOK GC-144	
EF-D102	GARAGE	PROP	DIRECT	900	.375	1,725	1,725	0.21	1/4	120/1ø	19.3	GRAVITY	BREAKER	20	COOK AW16A170	

					AIR	DEVIC	CE SCI	HEDULE			DEVICE CFM/NCK
MARK	TYPE & DUTY	FACE SIZE H X W	NECK SIZE H X W	CEILING TYPE	MAX. CFM	MAX. T.P. (IN WC)	MAX. NC LEVEL	MIN T50 THROW (FT)	PATTERN	MANUFACTURER MODEL	REMARKS
S-1	LOUVERED FACE DIFFUSER	24/24	8ø	LAY-IN	209	0.05	11	12	4-WAY	KRUEGER 1400	FRAME 23, LAY-IN
S-2	LOUVERED FACE DIFFUSER	24/24	10ø	LAY-IN	327	0.07	17	15	4-WAY	KRUEGER 1400	FRAME 23, LAY-IN
S-3	FLUSH FACE LOUVERD CEILING DIFFUSER	9/9	6/6-6ø	GYP	150	0.138	19	20	4-WAY	KRUEGER SH	W/ SURFACE MOUNT FRAME AND OBD
S-4	DOUBLE DEFLECTION SUPPLY GRILLE	26/20	24/18	WALL	2,250	0.096	31	68	4-WAY	KRUEGER AF5880	DOUBLE DEFLECTION, 3/4* BLADE SPACING, BLADES RUN LONGWAY, STEEL CONSTRUCTION
S-5	DOUBLE DEFLECTION SUPPLY GRILLE	32/26	30/24	DUCT	3,540	0.079	31	85	4-WAY	KRUEGER AF5880	DOUBLE DEFLECTION, 3/4" BLADE SPACING, BLADES RUN LONGWAY, STEEL CONSTRUCTION
S-6	DOUBLE DEFLECTION SUPPLY GRILLE	22/22	20/20	DUCT	2,300	0.158	36	68	4-WAY	KRUEGER 880	DOUBLE DEFLECTION, 3/4" BLADE SPACING, BLADES RUN LONGWAY, STEEL CONSTRUCTION
R-1	PERFORATED RETURN	24/24	22/22	LAY-IN	1,000	0.05	15	N/A	N/A	KRUEGER 6490	LAY-IN FRAME, PROVIDE PLENUM BOX AS REQUIRED
BV-1	BRICK VENT	16/8	16/8	CMU	M/A	N/A	N/A	N/A	N/A	COOK BRICK VENT BV5	ALUMINUM CONSTRUCTION W/ CLEAR ANODIZED FINISH
E-1	ALUMINUM PERFORATED EXHAUST	12/12	10/10	GYP	250	0.05	15	N/A	N/A	KRUEGER S580P	ALUMINUM CONSTRUCTION W/ SURFACE MOUNT FRAME



FLOW FLOW LIQUID PROPANE EQUIPMENT SCHEDULE - PUMP MAX DIFFERENTIAL PRESSURE (PSI) MAX WORKING PRESSURE (PSI) FLOW RATE AT 50 PSI (GPM) REMARKS MANUFACTURER MODEL VOLT/ PHASE MANUFACTURER MODEL MARK TYPE RPM FLA EXPLOSION PROOF MOTOR. USE RANSOME ASSEMBLED PUMP SKID PS10. LPG PUMP INLINE 125 13.0 1725 120/1ø 13 LIQUID PROPANE GAS REGULATOR SCHEDULE $\frac{REG}{CPH}$ OPERATING INLET PRESURE (PSIG) OUTLET PRESSURE SETPOINT INLET/OUTLET SIZE (IN) MAX CFH MARK REMARKS SERVED MODEL (PSI) REGO 1588VN REG-1 LPG TANK 100 4420 1 REGO X1588VN REG-2 VAPORIZERS 40 5 4420 1 LIQUID PROPANE EQUIPMENT SCHEDULE - TANK (LP-TANK) NOMINAL CAPACITY (GALLONS) MARK REMARKS REUSE EXISTING LIQUID PETROLEUM GAS TANK, REPAIR ALL RUST AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR REQUIRED SUPPORTS. LPG TANK 10.000 LIQUID PROPANE EQUIPMENT SCHEDULE - VAPORIZER CAP-BTU/ MAX PROPANE CAPACITY (GPM) MAX PROPANE CAPACITY MBTUH DIMENSIONS VOLT/ PHASE MANUFACTURER MARK TYPE REMARKS WT (LBS) D (IN) MODEL RANSOME RH50 W/ AUTO PILOT LIGHT REIGNITER. VAP-1 50 4,580 31 17 21 205 120/1ø W/ AUTO PILOT LIGHT REIGNITER. RANSOME RH50 50 17 21 205

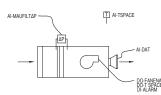
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SEQUENCE OF OPERATION:

MAKE UP AIR UNIT RUNS CONTINUOUSLY SUBJECT TO FIRE ALARM.

DISCHARGE AIR CONTROLLER STARTS AND MODULATES BURNER TO MAINTAIN DISCHARGE AIR TEMPERATURE SET POINT 55° F (PROGRAMMABLE).

WHEN OUTSIDE AIR IS ABOVE DISCHARGE AIR SET POINT FAN RUNS CONTINUOUSLY.



	CO	NTROL POINT LIST		
MARK	TYPE	DESCRIPTION	DISPLAY	ON ALARM
MAU FAN ENABLE	DO	ENABLE MAU FAN	YES	N/A
MAU-FILTDP	Al	MAU DIFFERENTIAL PRESSURE	YES	REPORT
T-SPACE	Al	SPACE TEMPERATURE SENSOR	YES	REPORT
T-SPACE COOL SP	LA	SPACE TEMPERATURE COOLING SET POINT	YES	N/A
DAT	Al	DISCHARGE AIR TEMPERATURE	YES	N/A

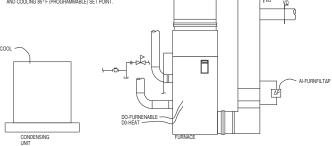
SEQUENCE OF OPERATION:

FURNACE SHALL OPERATE SUBJECT TO FIRE ALARM .

T-SPACE

WHEN OCCUPIED:
RUN FAN CONTINUOUSLY OPERATE CONDENSING UNIT OR FURNACE
TO MAINTAIN SPACE OCCUPIED HEATING 70°F (PROGRAMMABLE) OR
COOLING 75°F (PROGRAMMABLE) SET POINT IN A PID CONTROL LOOP.





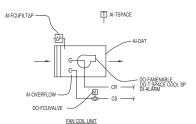
	CO	NTROL POINT LIST		
MARK	TYPE	DESCRIPTION	DISPLAY	ON ALARM
FURN FAN ENABLE	DO	ENABLE FURNACE FAN	YES	N/A
FURN-COOL	DO	FURNACE COOLING MODE	YES	N/A
FURN-HEAT	DO	FURNACE HEATING MODE	YES	N/A
FURN-FILTDP	Al	FURNACE DIFFERENTIAL PRESSURE	YES	REPORT
T-SPACE	Al	SPACE TEMPERATURE SENSOR	YES	REPORT
T-SPACE COOL SP	LA	SPACE TEMPERATURE COOLING SET POINT	YES	N/A
DAT	Al	DISCHARGE AIR TEMPERATURE	YES	N/A
T-SPACE HEAT SP	LA	SPACE TEMPERATURE HEATING SETPOINT	YES	N/A

SEQUENCE OF OPERATION:

FAN COIL UNITS SHALL OPERATE SUBJECT TO FIRE ALARM .

WHEN SPACE TEMPERATURE RISES ABOVE 75 $^{\circ}\mathrm{F},$ ENABLE FCU AND OPEN FCU VALVE.

WHEN SPACE TEMPERATURE FALL BELOW 70 $^{\circ}$ F (PROGRAMMABLE), STOP FCU AND CLOSE FCU VALVE.

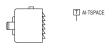


	CO	NTROL POINT LIST		
MARK	TYPE	DESCRIPTION	DISPLAY	ON ALARM
FCU FAN ENABLE	DO	ENABLE FCU FAN	YES	N/A
FCU-COOL	DO	FCU COOLING MODE	YES	N/A
FCU-FILTDP	Al	FCU DIFFERENTIAL PRESSURE	YES	REPORT
FCU-VALVE	DO	OPEN FCU VALVE	YES	N/A
T-SPACE	Al	SPACE TEMPERATURE SENSOR	YES	REPORT
T-SPACE COOL SP	LA	SPACE TEMPERATURE COOLING SET POINT	YES	N/A
OVERFLOW	Al	CONDENSATE DRAIN PAN OVER FLOW ALARM	YES	REPORT
DAT	Al	DISCHARGE AIR TEMPERATURE	YES	N/A

AO-ANALOG OUT FROM BAS AI-ANALOG IN TO BAS DO-DIGITAL OUT FROM BAS DI-DIGITAL IN TO BAS LA-LOGICAL BAS ANALOG VARIABLE LD-LOGICAL BAS DIGITAL VARIABLE

SEQUENCE OF OPERATION:

WHEN SPACE TEMPERATURE FALLS BELOW SPACE TEMPERATURE SET POINT 50°F (PROGRAMMABLE) START UNIT HEATER FAN AND OPEN UNIT HEATING VALVE IN A PID CONTROL LOOP.



UNIT HEATER

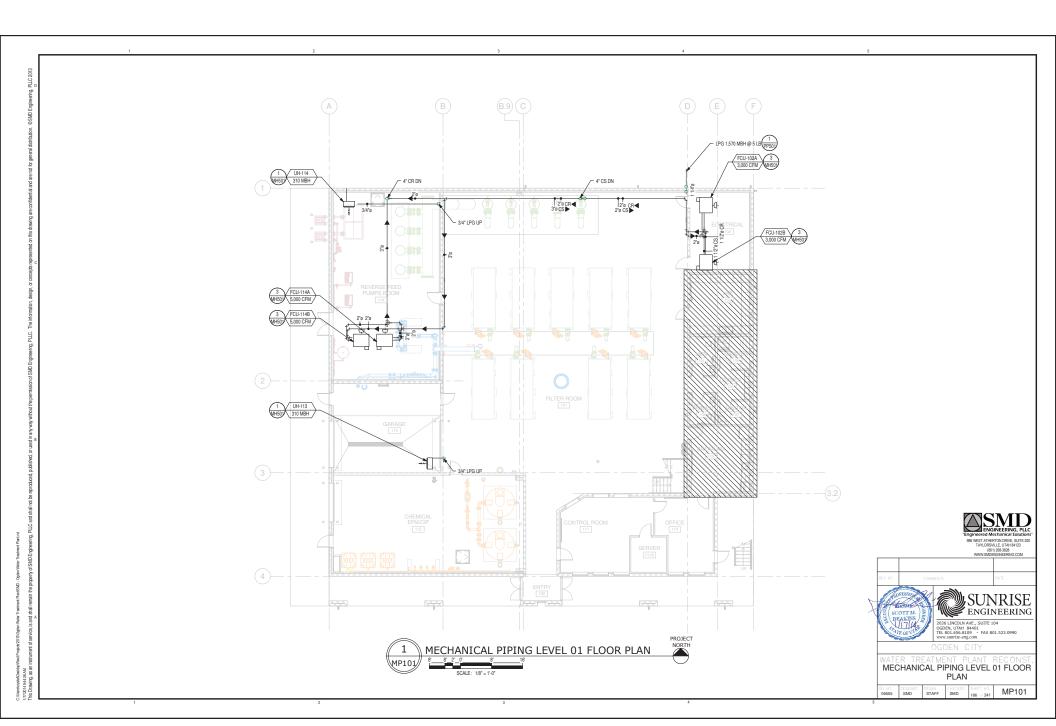
	CO	NTROL POINT LIST		
MARK	TYPE	DESCRIPTION	DISPLAY	ON ALARM
TSPACE	Al	SPACE TEMPERATURE SET POINT	YES	REPORT
UH-ENABLE	DO	UNIT HEATER ENABLE	YES	N/A

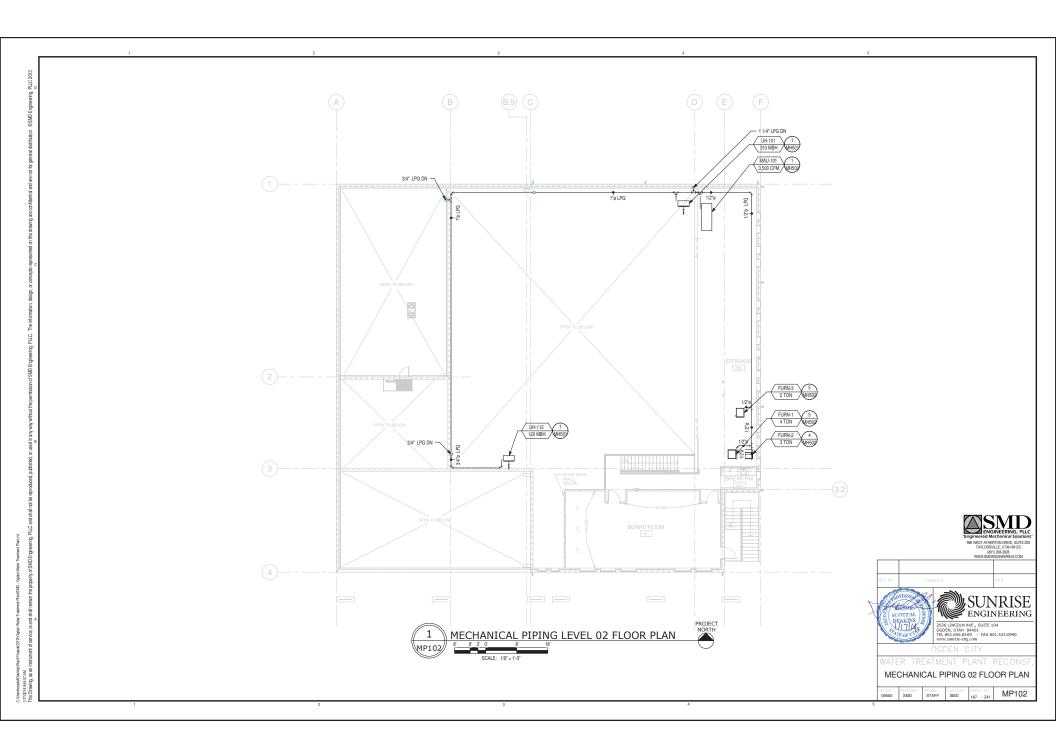


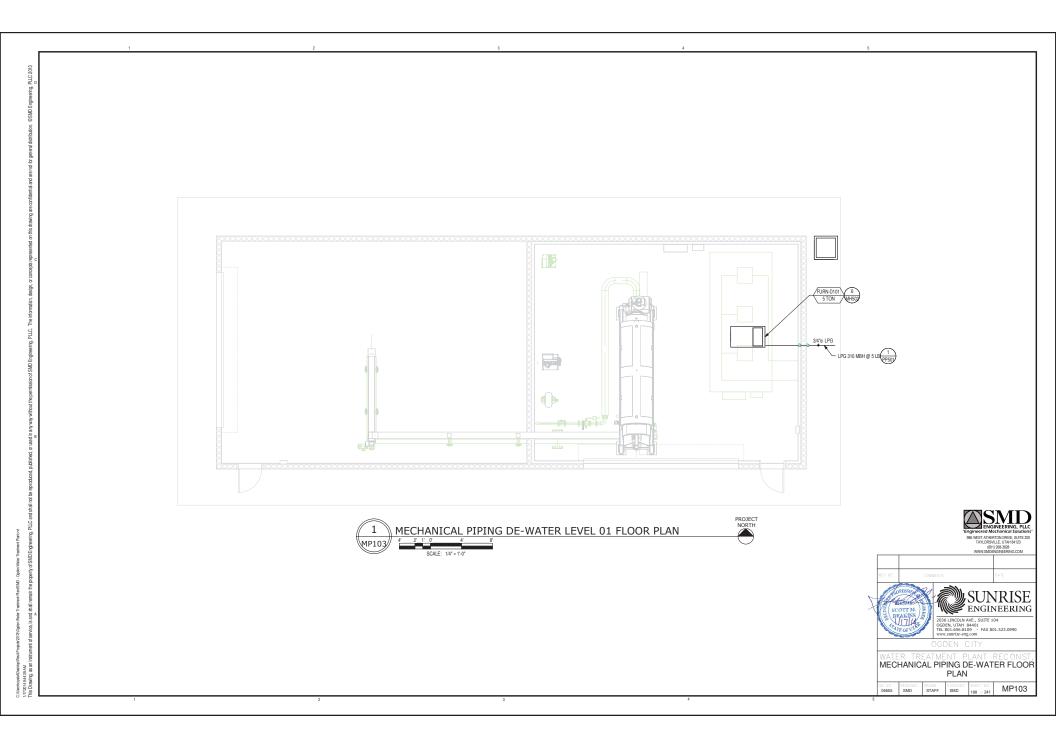
ENGINEERING 2036 LINCOLN AVE., SUITE 104 OGDEN, UTAH 84401 TEL 801.656.8109 FAX 801.523.0990 www.suurise-eng.com

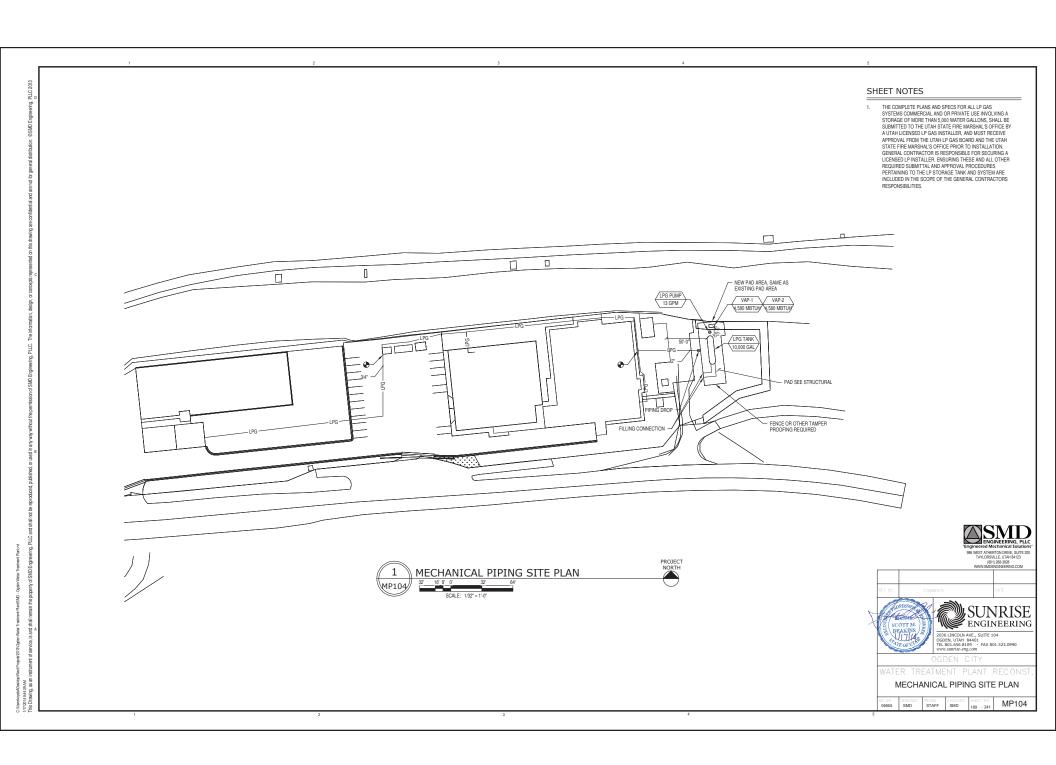
MECHANICAL FLOW AND CONTROL DIAGRAMS

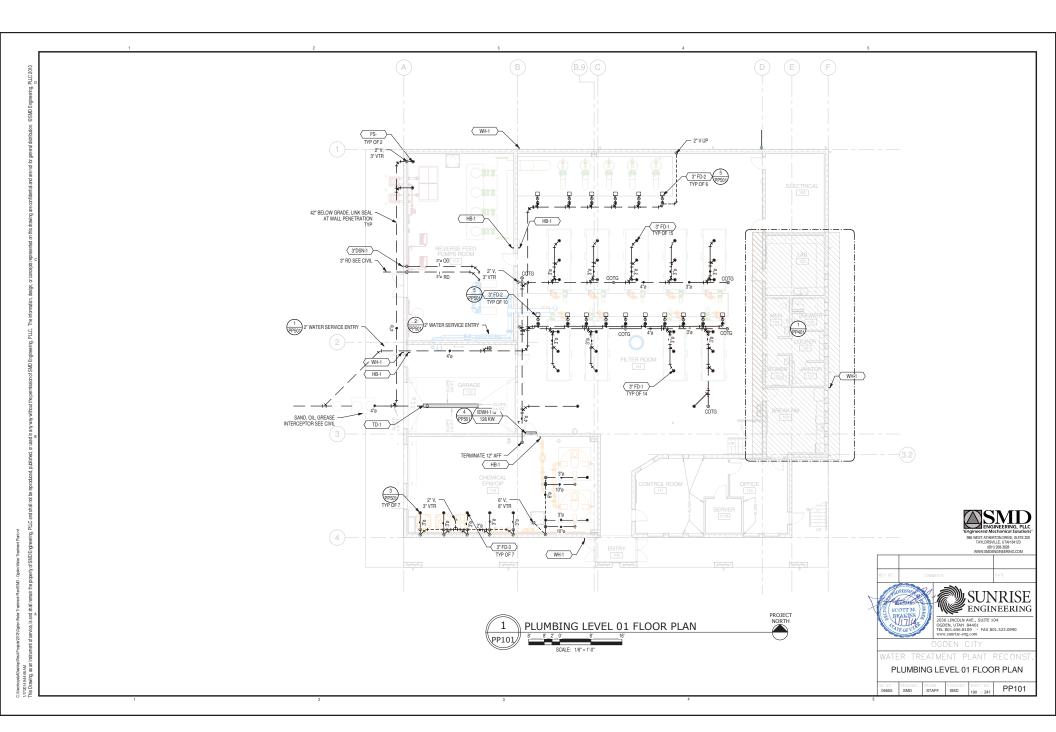
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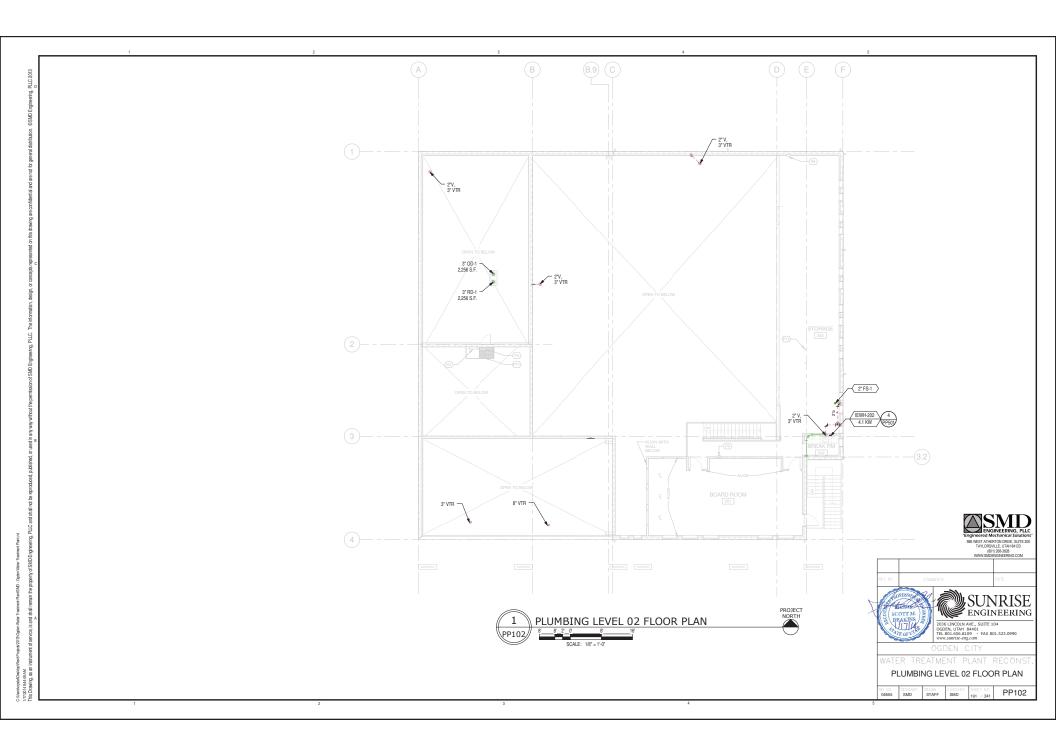


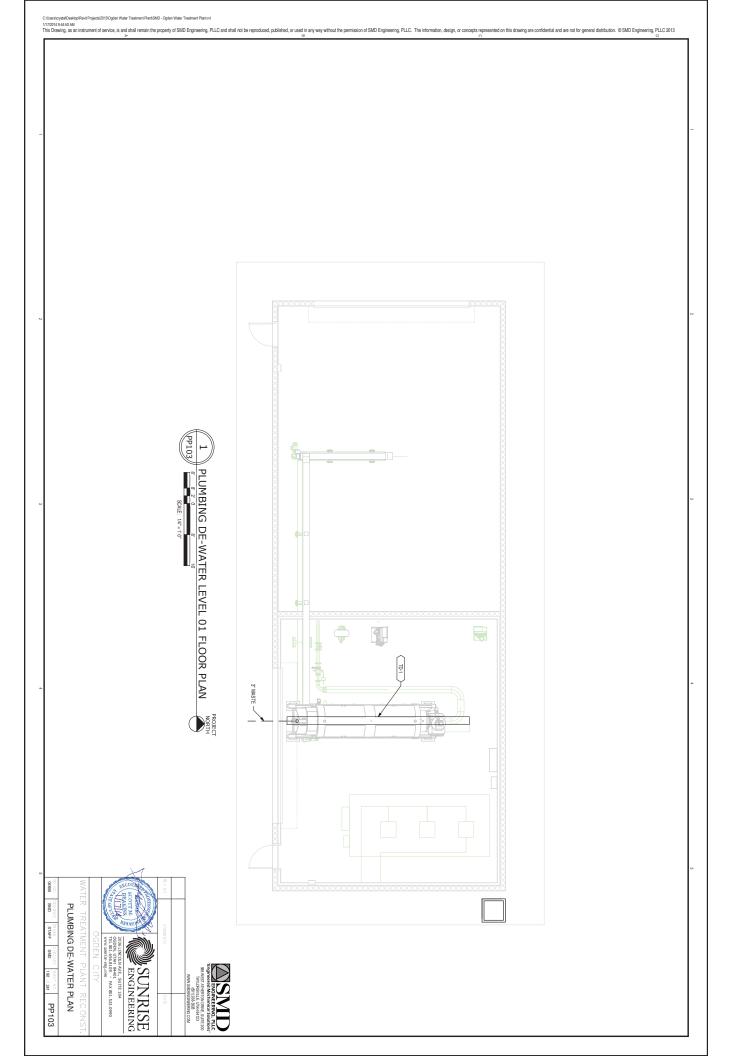


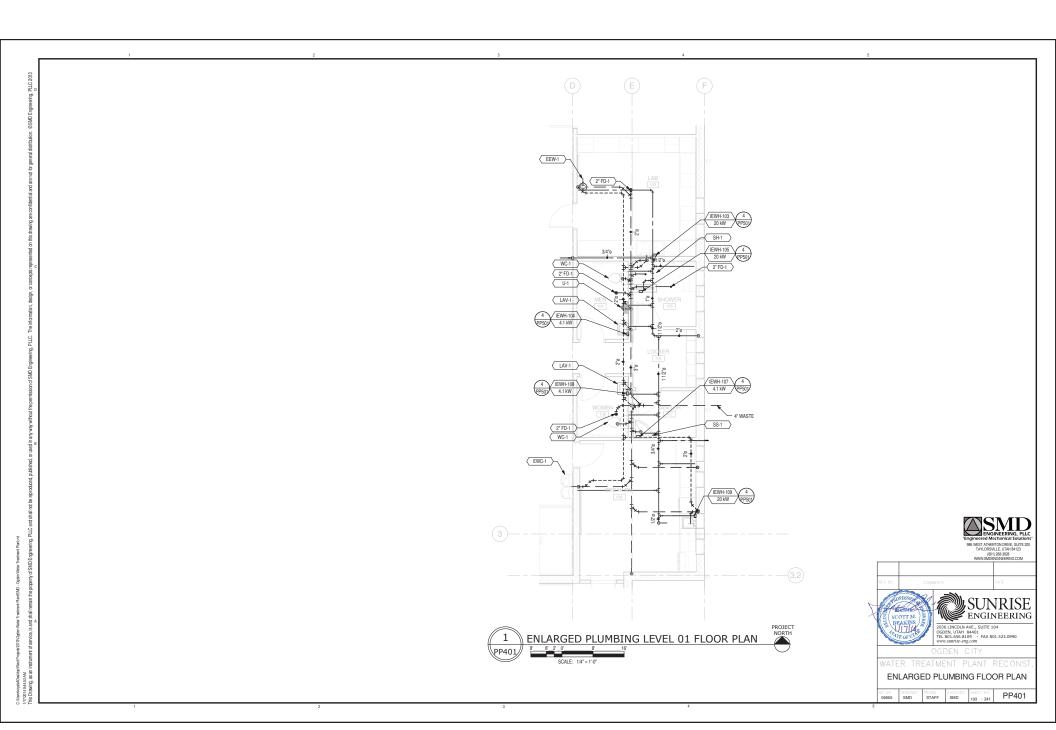


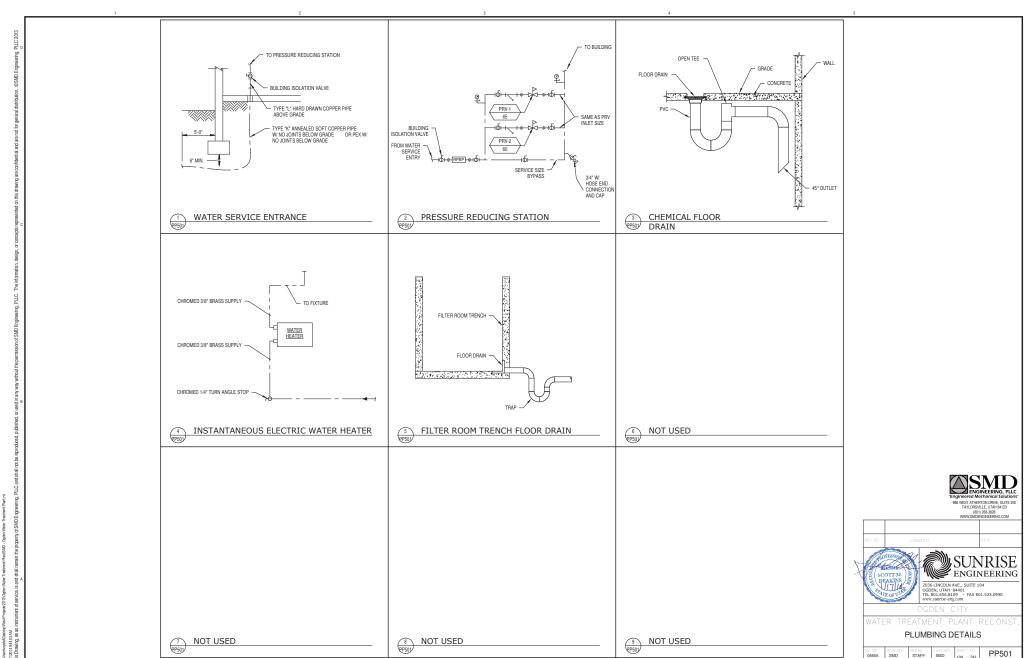












SUNRISE ENGINEERING PLUMBING DETAILS PP502

INSTANTANEOUS ELECTRIC WATER HEATER (IEWH)													
MARK	AREA SERVED	INPUT KW	FLOW GPM	TEMP RISE °F	OPER TEMP °F	DIMENSIONS				ELECT.		MANUFACTURER	
						W	D IN	H IN	WT LBS	VOLT/ PHASE	AMPS	MODEL	REMARKS
IEWH-103	LAB 103	20	2.5	55	120	15	4	12	15	480/3ø	24	EEMAX ED020480T2T	
IEWH-104	MEN 104	4.1	0.5	56	120	11	3	6	3	277/1ø	14.8	EEMAX SP4277	
IEWH-105	SHOWER 105	20	2.5	55	120	15	4	12	15	480/3ø	24	EEMAX ED020480T2T	
IEWH-107	JANITOR 107	4.1	0.5	56	120	11	3	6	3	277/1ø	14.8	EEMAX SP4277	
IEWH-108	WOMEN 108	4.1	0.5	56	120	11	3	6	3	277/1ø	14.8	EEMAX SP4277	
IEWH-109	BREAK ROOM 109	20	2.5	55	120	15	4	12	15	480/3ø	24	EEMAX ED020480T2T	
IEWH-112	CHEMICAL EFM/CIP 112	126	26	33	95	33	6	33	70	480/3ø	152	EEMAX ED126480T12EFD	
IEWH-202	BREAK ROOM 202	4.1	0.5	56	120	11	3	6	3	277/1ø	14.8	EEMAX SP4277	

GAS PIPE	SUPPORT			
STEEL PIPE, NOMINAL SIZE OF PIPE (INCHES)	MAXIMUM SPACING OF SUPPORTS (FEET)			
1/2	6			
3/4 OR 1	8			
1 1/4 OR LARGER (HORIZONTAL)	10			
1 1/4 OR LARGER (VERTICAL)	10			
COPPER PIPE, NOMINAL SIZE OF PIPE (INCHES)	SPACING OF SUPPORTS (FEET)			
1/2	4			
5/8 OR 3/4	6			
7/8 OR 1 (HORIZONTAL)	8			
1 OR LARGER (VERTICAL)	EVERY FLOOR LEVEL			
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REFERENCE 2012 IFGC TABLE 415.1

	PLUMBING FIXTURE SCHEDULE									
MARK	FIXTURE	WASTE	TRAP IN	VENT IN	HW IN	CW	MANUFACTURER MODEL	REMARKS		
WC-1	ADA COMPLIANT, WATER CLOSET	3	2	2	N/A	1	AMERICAN STANDARD CADET 3 RIGHT HEIGHT	WHITE VITREOUS CHINA, TANK TYPE, FLOOR MOUNTED, 1.28 GPF, 3° FLUSH VALVE, 17° FLOOR TO RIM, ELONGATED BOWL, WIGLSENITE #95 OPEN FRONT SEAT LESS COVER, CHROMED QUARTER TURNED ANGLE STOPS AND CHROMED BRASS SUPPLY.		
U-1	ADA COMPLIANT, URINAL, WALL MOUNTED	1 1/2	2	1 1/2	N/A	3/4	AMERICAN STANDARD "WASHBROOK" W/ ZURN Z6003 FLUSH VALVE	VITREOUS CHINA, 1.0 GPF 19" W X 27" H X 14" D, WASHOUT FLUSH ACTION, LOW CONSUMPTION URINAL WITH 34" MANUAL FLUSH VALVE AND WALL CARRIER. SEE ARCHITECTURAL ELEVATIONS FOR MOUNTING ELEVATION.		
LAV-1	ADA COMPLIANT, LAVATORY, W/ SINGLE CONTROL FAUCET	2	1 1/4	2	1/2	1/2	AMERICAN STANDARD "LUCERNE" LAVATORY W/ "SEVA" FAUCET	VITREOUS CHINA, 18"X21", WALL MOUNTED LAVATORY WI FLOOR MOUNTED CONCEALED ARM CARRIER, FAUGET HOLES ON 4". CEMERS, GRO STRAINER, O'HOMED 14 TURR MAGLE STOPS, O'HOMED BRASS SUPPLES, AND O'HOMED BRASS "THAP." WITH ADO COMPLAINT RISULATION, TAY, WAY ASSE 100 COMPLAINT WATER TEMPERATURE LIMITING DEVELS, EST TO 110 FF,		
SH-1	ADA COMPLIANT SHOWER VALVE W/ HAND SPRAY, SLIDE BAR, AND SHOWER DRAIN	2	2	2	1/2	1/2	TERRAZZO-WARE SHOWER BASE, CORIAN SHOWER SURROUND, SYMMONS SAFETYMIX 1-25-FSB-X AND ZURN SHOWER DRAIN FD-2254	TERRAZZO-WARE ADA SERIES BASE MODEL SBADA-96 3F, SHOWER SURROUND KIT 36"X36"X32" INCLUDES 3 WALL PANELS, 1 SOAF SHELF, I SHAMPOO SHELF, SHOWER ROD AND CURTAIN, PRESSURE BALANCED SHOWER VALVE WINTEGRAL SERVICE STORS, WALLIAND SHOWER, 56" TEURIGE LEMETA LOSSE, HAILE VACUOUR BEARDER, WALL CONNECTION AND ELANGE, MAND 30" SLIDE BAR. SHOWER DRAIN W CAST IRON BODY, CLAMPING COLLAR, ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY AND FIXTURE THERMOSTATIO MIXING VALUE.		
SINK-1	SINK, SINGLE COMPARTMENT, COUNTER MOUNTED, W/ GOOSENECK FAUCET AND DISPOSAL	2	1 1/2	2	1/2	1/2	ELKAY DLR252110 SINK WI LK2442 FAUCET AND IN-SINK-ERATOR DISPOSAL	ANNLESS STEEL COUNTERTOP SINK, INSIDE BOWL 21'X16"X10" W: 10" GOOSENECK FAUCET, CHROMED QUARTER TURNED KGLE STOPS, CHROMED BRASS SUPPLIES, AND CHROMED BRASS "P" TRAP, AND INSINKERATOR MODEL "EVOLUTION EXCEL" W! PL 120 VIOLT, SINGLE PHASE DISPOSAL MOTOR, AND 36" POWER CHORD W: 3 PRONG PLUG, PROVIDE DISHWASHER INNECTION AND HW 1/4 TURN BALL VALVE STOP.		
EWC-1	ADA COMPLIANT, ELECTRIC WATER COOLER, TWO STATION	2	1 1/2	2	N/A	1/2	ELKAY EZSTL8C	W: FRONT AND SIDE CONTROLS, 9.6 GPH 50 °F DRINKING WATER, 120V/1□/3,7A, CHROMED ANGLE STOP, CHROMED BRASS 'P' TRAP, AND CHROMED BRASS SUPPLY.		
EEW-1	EMERGENCY EYEWASH 11ø ABS	2	1 1/4	2	х	1/2	HAWS 7260BT	WALL MOUNTED, ABS PLASTIC RECEPTOR, TWIN SOFT-FLO ABS PLASTIC ANTI-SURGE EYEWASH HEADS, AND CHROMED BRASS 'P' TRAP.		
ESEW-1	EMERGENCY SHOWER AND EYEWASH	2	1 1/4	2	1 1/4	N/A	BRADLEY S19-310BFSS W/ S19-320BYP120	STAINLESS STEEL COMBINATION SHOWER AND EYE/FACE WASH WI TWIN SOFT-FLO EYEWASH HEADS, COLD WATER ONLY, AND "FACTORY" 120V ALARM SYSTEM CLASS I, DIVISION II CONSTRUCTION.		
ICE-1	ICE WALL BOX	N/A	N/A	N/A	N/A	1/4	SIOUX CHIEF 696-10XXXX	8X8 PLASTIC OUTLET BOX W/ QUARTER TURN ANGLE STOP.		
SS-1	SERVICE SINK, ENAMELED CAST IRON	3	3	2	1/2	1/2	AMERICAN STANDARD FLORWELL W/FAUCET 8344.112	28"X28"X13" DEEP ENAMELED CAST IRON SERVICE SINK WI FLAT GRID DRAIN, REMOVABLE VINYL-COATED RIM GUARD, HOSE AND HOSE BRACKET. POLISHED CHROME FAUCET WITOP BRACE, STOPS AND VACUUM BREAKER.		
HB-1	HOSE BIBB	N/A	N/A	N/A	N/A	3/4	ZURN Z1341-BFP-LK-PC	BRASS CONSTRUCTION, POLISHED CHROME PLATED FINISH, ANTI-SIPHON, EXTERNAL BACKFLOW PREVENTER, 3/4" HOSE THREAD, WALL FLANGE, LOOSE KEY OPERATOR.		
WH-1	NON-FREEZE WALL HYDRANT	N/A	N/A	N/A	N/A	3/4	ZURN Z1321-C-PB	EXPOSED ANTI-SYPHON NON-FREEZE WALL HYDRANT W/ INTEGRAL BACK FLOW PREVENTER LOOSE KEY OPERATOR, 3/4" MALE HOSE CONNECTION AND POLISHED NICKEL BRONZE FINISH.		
FD-1	FLOOR DRAIN	Х	х	X/2 2" MIN	N/A	N/A	ZURN FD-2321-NH"X" "X" INDICATED ON DRAWINGS	CAST IRON BODY, ADJUSTABLE NICKEL BRONZE STRAINER ASSEMBLY, MEMBRANE CLAMP, WEEP HOLES, AND TRAP PRIMER CONNECTION.		
FD-2	FLOOR DRAIN	Х	N/A	N/A	N/A	N/A	ZURN Z187-ZN-90-X "X" INDICATED ON DRAWINGS	SCUPPER DRAIN, DURA-COATED CAST IRON BODY WITH 90° OUTLET AND FLUSH TYPE STRAINER WITH COMBINATION FRAME.		
FD-3	FLOOR DRAIN	х	N/A	X/2 2" MIN	N/A	N/A	ZURN FD-2380-X "X" INDICATED ON DRAWINGS	PVC BODY, 6"X6", PVC GRATE.		
FS-1	FLOOR SINK	х	х	X/2 2" MIN	N/A	N/A	ZURN FD-2375-Y"X" "X" INDICATED ON DRAWINGS	CAST IRON, 8"X8"X6" DEEP, 1/2 GRATE, WHITE ACID RESISTING INTERIOR, PVC DOME STRAINER, AND SEDIMENT BUCKET.		
TD-1	TRENCH DRAIN	4	4	2	N/A	N/A	ZURN Z886	$\label{thm:linear} \mbox{High Density Polyethylene, sloped, trench drain system. } \mbox{W} \mbox{ class e slotted ductile iron grate, end outlet, and cap.}$		
RD-1	ROOF DRAIN	х	N/A	N/A	N/A	N/A	ZURN RD2131-AL"X" "X" INDICATED ON DRAWINGS	CAST IRON ROOF DRAIN WI ALUMINUM DOME STRAINER AND INTEGRAL GRAVEL GUARD.		
OD-1	ROOF OVERFLOW DRAIN	х	N/A	N/A	N/A	N/A	ZURN RD2132-AL "X" INDICATED ON DRAWINGS	CAST IRON OVERFLOW ROOF DRAIN W/ ALUMINUM DOME STRAINER AND INTEGRAL GRAVEL GUARD.		
DSN	DOWNSPOUT NOZZLE	х	N/A	N/A	N/A	N/A	ZURN ZARB-199"X" "X" INDICATED ON DRAWINGS	DOWNSPOUT NOZZLE, ALL ROUGH BRONZE BODY, THREADED INLET, DECORATIVE FACE, NICKEL BRONZE FINISH AND BIRDSCREEN.		
								MOMP		



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