



WATER SOURCE HEAT PUMP SCHEDULE															
SYM.	TYPE	C.F.M.	H.P.	S.P.E.	CHAR.	MCA	MOCP	HEATING						REMARKS	
								BTU	EAT	LAT	COP	EWT	LWT		BTU
HP 18	HORIZONTAL	1150	3/4	.50"	208/60/3	15.7	25	44,100	70°F	106°F	4.15	70°F	60°F	36,000	
HP 19	HORIZONTAL	600	1/3	.40"	208/60/1	10.2	15	20,400	70°F	101°F	4.9	70°F	60°F	17,100	

FIXTURE SCHEDULE							
SYM.	DESCRIPTION	HOT	COLD	WASTE	VENT		
DF-1	SINGLE LEVEL ADA DRINKING FOUNTAIN - ELKAY MODEL LZSG8WSSK WITH BOTTLE FILLER STATION & FILTER FRONT PUSH BAR OPERATORS, 1/2" STOP, 1-1/2" P-TRAP AND FLEX-GUARD SAFETY BUBBLER VALVE.	---	1/2"	1-1/2"	1-1/2"		
DW-1	UNDERCOUNTER DISHWASHER - OWNER PROVIDED AND CONTRACTOR INSTALLED.	1/2"	1/2"	5/8"	---		
FD-1	2" FLOOR DRAIN - ZURN Z-415 WITH 5"Ø NICKEL-BRONZE STRAINER AND 2" DEEP SEAL P-TRAP & TRAP PRIMER.	---	---	2"	2"		
IB-1	ICE BOX - QUARTER TURN BALL VALVE WITH TRIM RINGS.	---	1/4"	---	---		
JS-1	FLOOR MOUNTED SERVICE SINK - KOHLER K-6710 "WHITBY" W/ K-8940 WIRE RIM GUARD, K-8928 FAUCET ASSEMBLY AND K-9142 STRAINER WITH DEEP SEAL P-TRAP, HOSE AND HOSE CLAMP.	1/2"	1/2"	2"	2"		
L-1	ADA WALL HUNG LAVATORY - KOHLER K-2031-0 "GREENWICH" WITH WALL CARRIER, MOEN 8430 FAUCET, K-7715 OPEN GRID STRAINER WITH OFFSET WASTE LINE, 1/2" STOPS AND 1-1/4" P-TRAP. PROVIDE INSULATING JACKET ON HW AND WASTE PIPING.	1/2"	1/2"	1-1/2"	1-1/2"		
L-2	WALL HUNG LAVATORY - KOHLER K-2031-0 "GREENWICH" WITH WALL CARRIER, MOEN 8430 FAUCET, K-7715 OPEN GRID STRAINER WITH OFFSET WASTE LINE, 1/2" STOPS AND 1-1/4" P-TRAP. INSTALL HEIGHT AS PER ARCHITECTURAL PLANS.	1/2"	1/2"	1-1/2"	1-1/2"		
L-4	COUNTER LAVATORY - FIXTURE PROVIDED BY OWNER. INSTALL WITH MOEN 8430 FAUCET, GRID STRAINER WITH OFFSET WASTE LINE, 1/2" STOPS AND 1-1/4" P-TRAP.	1/2"	1/2"	1-1/2"	1-1/2"		
RP-1	CIRCULATING PUMP - GRUNDFOS MODEL UP15-10B7 BRONZE PUMP WITH 3/4" FLANGES (2 GPM @ 5' OF HEAD) 120/60/1	3/4" HWRC	---	---	---		
S-1	ADA DOUBLE COMPARTMENT SINK - ELKAY MODEL LRAD291855 WITH 18 GA TYPE 304 STAINLESS STEEL CONSTRUCTION, 1-HOLE FAUCET DRILLINGS, ELKAY LK1000CR FAUCET, QTY (2) LK-99 STRAINER, DISHWASHER CONNECTION, 1-1/2" P-TRAP AND 1/2" BALL TYPE STOP VALVES.	1/2"	1/2"	1-1/2"	1-1/2"		
SH-1	TUB SHOWER - AQUATIC MODEL 2543CTG 54x29" ONE-PIECE COMMERCIAL SHOWER KIT WITH GRAB BARS, CURTAIN ROD, TEMPERATURE MIXING VALVE, FLEXIBLE HOSE & STANDARD HANDHELD SHOWER ASSEMBLY KIT.	1/2"	1/2"	2"	2"		
WC-1	ADA TANK TYPE WATER CLOSET - KOHLER K-3658 "HIGHLINE" W/ ELONGATED BOWL, FLUSH TANK, K-4670-C WHITE OPEN FRONT SEAT, BOLT CAPS AND 1/2" STOP VALVE. LEFT OR RIGHT FLUSH VALVE AS PER PLANS.	---	1/2"	4"	2"		
WC-2	TANK TYPE WATER CLOSET - KOHLER K-3998 "WELLWORTH" W/ ELONGATED BOWL, FLUSH TANK, K-4613 WHITE SEAT, BOLT CAPS AND 1/2" STOP VALVE.	---	1/2"	4"	2"		
WC-3	KIDS TANK TYPE WATER CLOSET - AMERICAN STANDARD "BABY DEVORO" 2282.001 BABY WHITE OPEN FRONT SEAT, BOLT CAPS AND 1/2" STOP VALVE.	---	1/2"	4"	2"		
WH-1	ELECTRIC TANK WATER HEATER- RHEEM "PERFORMANCE" 20 GALLON WATER HEATER, AMTROL ST-5 EXPANSION TANK, T&P VALVE. QTY (2) 3800 WATT HEATING ELEMENTS. SEE DETAIL THIS SHEET. (208/60/1)	3/4"	3/4"	---	---		

ENERGY RECOVERY VENTILATION UNIT SCHEDULE									
SYM.	C.F.M.	S.P.E.	H.P.	CHAR.	MCA	MOCP	WEIGHT	CONTROL	REMARKS
ERV-1	540	0.25	.5	208/60/1	4.9	15	200#	12 HOUR TIMER	RENEWAIRE - MODEL EV450IN WITH FUSED DISCONNECT, FILTERS, VIBRATION ISOLATION KIT, DIGITAL TIME CLOCK, AND FILTER ALARMS.

GRILLE AND REGISTER SCHEDULE									
SYM.	TYPE	SIZE	CFM RANGE	THROW PATTERN	CONSTR.	FINISH	BUILT-IN DAMPER	REMARKS	
D-1 CFM	CEILING	9x9	150-300	⬇	STEEL	WHITE	NO	PRICE MODEL SMD IN 24x24 LAY-IN	
D-2 CFM	CEILING	9x9	150-300	⬇	STEEL	WHITE	NO	PRICE MODEL SMD IN 24x24 LAY-IN	
D-3 CFM	CEILING	12x12	300-450	⬇	STEEL	WHITE	NO	PRICE MODEL SMD IN 24x24 LAY-IN	
D-4 CFM	CEILING	6x6	50	⬇	STEEL	WHITE	NO	PRICE MODEL SMD IN 24x24 LAY-IN	
D-5 CFM	CEILING	6x6	50-125	⬇	STEEL	WHITE	NO	PRICE MODEL SMD	
ER-1	CEILING	8x8	50-150	NA	STEEL	WHITE	YES	PRICE MODEL 535	
ER-2	CEILING	10x10	150-250	NA	STEEL	WHITE	YES	PRICE MODEL 535	
RG-1	CEILING	10x10	150-300	NA	STEEL	WHITE	NO	PRICE MODEL 535 IN 24x24 LAY-IN	
RG-2	CEILING	16x16	600	NA	STEEL	WHITE	NO	PRICE MODEL 535 IN 24x24 LAY-IN	
QL-1	SIDEWALL	24x12	540	NA	ALUM.	COLOR BY ARCHITECT	NO	AMERICAN WARMING LE-31. DESIGN VELOCITY: 800FPM	

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SYM.	TYPE	C.F.M.	H.P.	S.P.E.	CHAR.	MCA	MOCP	HEATING						COOLING						REMARKS
								BTU	EAT	LAT	COP	EWT	LWT	BTU	EAT	LAT	EER	EWT	LWT	
HP-18	HORIZONTAL	1150	3/4	50"	208/60/3	15.7	25	44,100	70°F	106°F	4.15	70°F	60°F	36,000	75°F	55°F	14.0	85°F	95°F	CLIMATE MASTER TR-036 WITH RIGHT RETURN BACK DISCHARGE
HP-19	HORIZONTAL	600	1/3	40"	208/60/1	10.2	15	20,400	70°F	101°F	4.9	70°F	60°F	17,100	75°F	55°F	12.8	85°F	95°F	CLIMATE MASTER TR-018 WITH LEFT RETURN BACK DISCHARGE

PROFESSIONAL ENGINEER  
LICENSED  
Tanner Davis  
STATE OF IDAHO  
PLANNER C. DAVIS

Feb 09, 2023

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GATEWAY TRANSITIONAL  
DAY CARE REMODEL

POCATELLO, IDAHO

PROJECT:

SHEET TITLE:

MECHANICAL & PLUMBING  
DETAILS AND SCHEDULES

CONTRACTOR SHALL VERIFY  
ALL DIMENSIONS & CONDITIONS  
SHOWN OR IMPLIED

DRAWING SCALE APPLIES TO  
22" X 34" SHEET SIZE

REVISION DATE  
PERMIT SET 09.11.2022  
DISHWASHER 02.08.2023

DRAWN BY: TD  
CHECKED BY: DS

JOB NUMBER: 20536-22A  
PROJECT DATE: 09/23/2022  
SHEET

MP200

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