

	FIRE PUMP EQUIPMEN	NT LIST
1	8" OS&Y GATE VALVE (TANK ISOLATION)	14 8" WFM FROM INCOMING FIRE WATER SERVICE
2	6" CHECK VALVE (FIRE PUMP DISCHARGE)	15 8" CHECK VALVE
3	8" NC BUTTERFLY VALVE (FIRE PUMP TEST)	16 ELECTRIC DRIVE FIRE PUMP (FP-1) HATCH SHOWS FIRE PUMP FOOTPRINT
4	6" OS&Y GATE VALVE W/ ELECTRONIC ACTUATOR BASIS OF DESIGN KENNEDY MODEL 8561ASS-2DMG-1	17 8" FLOW METER
5	(FIRE PUMP DISCHARGE) 8" NC BYPASS VALVE	18 8" NC BUTTERFLY VALVE (FLOW METER ISOLATION
6	BALL VALVE (PMP)	19 8" DOUBLE CHECK VALVE ASSEMBLY
7	FIRE PUMP CONTROLLER W/ ATS	20 8" FLOAT VALVE (TANK FILL); PROVIDE 120 VAC WA LEVEL MONITORING PANEL WITH LOW LEVEL AND F LEVEL ALARMS.
8	PRESSURE MAINTENANCE PUMP CONTROLLER	21 8" BUTTERFLY VALVE (FLOAT VALVE ISOLATION)
9	NEC REQUIRED 42" WORKING CLEARANCE	22 8" TANK SUCTION W/ ANTI-VORTEX PLATE (NOT SHO
10	CHECK VALVE (PRESSURE MAINTENANCE PUMP DISCHARGE)	23 8" UP TO TANK FILL
11	8" TH TO FIRE PUMP TEST HEADER (EXACT LOCATION TBD)	24 6" BYPASS ASSEMBLY
12	ELECTRIC DRIVE PRESSURE MAINTENANCE PUMP (PMP-1)	25 8" TANK OVERFLOW TO STORM
13	6" WFM TO MAIN DISTRIBUTION	26 STANDPIPE DRAIN RETURN TO TANK

			ELECTRIC FIR	E PUM
DRAWING DESIGNATION	FUNCTION	PUMP TYPE	BASIS OF DESIGN PERMORANCE CURVE	CA
FP-1	FIRE PUMP	HORIZONTAL SPLIT CASE	PEERLESS 5AEF12	
PMP-1	PRESSRUE MAINTENANCE PUMP	VERTICAL INLINE		

6	ELECTRIC HATCH SH	Drive fire pump (f 10WS fire pump for	[:] P-1) OTPRINT								Landscape Architect EPG Design 6949 South High Tech Drive, Suite 1
7	8" FLOW N	IETER									Midvale, Utah 84047
8	8" NC BUT	TERFLY VALVE (FLOW	V METER ISOLATION)								<u>Specifications Writer</u> Friday Group 88 Mainelli Road
9	8" DOUBLE	CHECK VALVE ASSE	MBLY								Middlebury, VT
0 8" FLOAT VALVE (TANK FILL); PROVIDE 120 VAC WATER LEVEL MONITORING PANEL WITH LOW LEVEL AND HIGH LEVEL ALARMS.										<u>Code Consultant</u> Holmes 600 1st Avenue, Suite 200A Seattle, WA 98104	
1	8" BUTTER	RFLY VALVE (FLOAT V	ALVE ISOLATION)								Fire Protection Engineer
2	8" TANK S	JCTION W/ ANTI-VOR	TEX PLATE (NOT SHOW	WN)							Jensen Hughes One Research Drive, Suite 305C Westborough, MA 01581
3	8" UP TO T	ANK FILL									Vertical Transportation Consulatant Lerch Bates
4	6" BYPASS	ASSEMBLY									19515 North Creek Parkway, Suite 3 Bothell, WA 98011
5]	VERFLOW TO STORM									Structural Engineer Magnusson Klemencic Associates
6	STANDPIP	E DRAIN RETURN TO	TANK								1301 5th Ave, Suite 3200 Seattle, WA 98101
											<u>Lighting Designer</u> O- 1319 SE MLK Blvd, Suite 210
											Portland, Oregon 97219
											<u>Building Envelope Consultant</u> RDH 2101 N 34th St
	SCHEDU		1	1					1		Seattle, WA 98103
	ACITY iPM)	BOOST (PSI)	CHURN (PSI)	HP	EL V	ECTRIC/ PH	AL HZ	RPM	SET F START	STOP	Accessibility Consultant
	,000 10	190 200	212	200 3	208 208	3	60 60	3,550 3,560	200 205	MANUAL 215	Studio Pacifica 2144 Westlake Ave N, Suite F Seattle, WA 98109
								0,000			
											<u>MEP Engineer</u> WSP USA 1001 Fourth Ave., Suite 3100 Seattle, WA 98154
											principal architect
											project manager <u>JCC</u> drawn by <u>CRB, SMK</u>
											checked by <u>Checker</u> job no. 20052
											date 05/17/2024
											revisions:
											no. date
											IFC Set 2 of 3 05/17/2024
											FIRE PUMP ROOM - ENLARGED PLAN &
											SECTIONS
											FP4.01

White Summit Development, LLC PO Box 980022 Park City, Utah 84098

<u>Acoustic Consultant</u> **BRC Acoustics** 1932 1st Ave, Suite 620 Seattle, WA 98101

<u>Pool Consultant</u> **Cloward H20** 2696 N University Ave, Suite 290 Provo, UT 84604

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Reserved for permit stamp SA SA Kundig Olson