PUMP SCHEDULE

PUMP NO.	LOCATION	TYPE	SERVICE	GPM (EA)	TDH (FT)	MOTOR DATA					REMARKS
						RPM	HP (EA)	PHASE	CYCLE	VOLTS	
CP-1	MECH ROOM	SIMPLEX	TEMPERED WATER RECIRC	2	5	3250	1/25	1	60	115 V	TACO MODEL: 007-F5. INCLUDE TACO AQUASTAT 563-2 AND 265-3 DIGITAL TIMER.
CP-2	MECH ROOM	SIMPLEX	HOT WATER RECIRC	2	4	3250	1/40	1	60	115 V	TACO MODEL: 006-ST4. INCLUDE TACO AQUASTAT 563-2 AND 265-3 DIGITAL TIMER.
EP-1	ELEVATOR	SIMPLEX SUBMERSIBLE	ELEVATOR PIT	50	20	3450	1/2	1	60	115 V	PACKAGED UNIT ZOELLER 940-0013, OIL SMART

EXPANSION TANKS

EQUIPMENT NO.	LOCATION	SYSTEM SERVED	PERFORMANCE/CONSTRUCTION REQUIREMENTS			EQUIPMENT SPECIFICATIONS				
			SYSTEM DATA							
			ESTIMATED VOLUME (GAL.)	MAX. OPERATING PRESS. RANGE (PSIG)	MAX. OPERATING TEMP. RANGE (DEG. F)	MNF	MODEL NO.	DIMENSION DIA. x H	WATER CONNECTION	OPERATING WEIGHT (LBS.)
ET-1	MECH ROOM	BUILDING	4.4	150	200	AMTROL	ST-12	11" X 15"	3/4"	9

MIXING VALVE STATION

EQUIPMENT NO.	LOCATION	BASIS OF DESIGN INFORMATION					
		MAXIMUM PRESSURE RANGE	MINIMUM FLOW	MAXIMUM FLOW	MANUFACTUER	MODEL	NOMINAL DIMENSIONS (W X H)
MV-1	MECH ROOM	200 PSI	0.25 GPM	32 GPM	LEONARD	PNV-100-LF	8-1/2" X 9"

INTERCEPTORS

EQUIPMENT NO.	LOCATION	BASIS OF DESIGN INFORMATION							REMARKS
		FLUID	FLOW (GPM)	CAPACITY (GAL)	INLET AND OUTLET SIZE	MANUFACTUER	MODEL	NOMINAL DIMENSIONS (L X W X H)	
GT-1	PANTRY	GREASE	35	70	3"	SCHIER	GB2	35" X 23" X 13-3/4"	PROVIDE EXTENSION COLLAR AS REQUIRED DEPENDING ON PIPE INVERTS.
OS-1	APPARATUS BAY	OIL	35	350	4"	HIGHLAND TANK	HTC 350	72" X 42" DIA.	PROVIDE EXTENSION COLLAR AS REQUIRED DEPENDING ON PIPE INVERTS.
LT-1	LAUNDRY ROOM	LINT WASTE	70	45	3"	WATTS	LI-807	25" X 25" X 20"	LINT INTERCEPTOR TO BE PLACED WITHIN CONCRETE PIT. SEE STRUCTURAL PLANS FOR MORE DETAIL.

WATER HEATER [GAS]

EQUIPMENT NO.	LOCATION	SYSTEM SERVED	BASIS OF DESIGN INFORMATION							EQUIPMENT SPECIFICATIONS						MINIMUM PERFORMANCE OF WATER HEATING (NYSECC TABLE C404.2)				REMARKS
			GAS INPUT (BTU)	GAS INLET PRESS. (IN W.C)	EFFICIENCY	RECOVERY GPH AT 100 DEG RISE	WATER CONNECTION	GAS CONNECTION	FLUE SIZE	MNF	MODEL NO.	NOMINAL DIMENSION DIA x H	CAPACITY (GAL)	NOMINAL OPERATING WEIGHT (LBS.)	VOLTS / PHASE	EQUIPMENT TYPE	SIZE CATEGORY	SUBCATEGORY	PERFORMANCE REQUIRED	
WH-1	MECH ROOM	BUILDING	199,000	3.5 - 14	97%	235	1-1/2"	3/4"	3"	AO SMITH	BTH-199	27-3/4" X 76-1/2"	100	523	120/1	STORAGE WATER HEATER, GAS	> 155,000 BTU/H	< 4,000 BTU/H/GAL	80 PERCENT EFFICIENCY	HEATERS TO INCLUDE: CONCENTRIC VENT KIT; ALARM BELL; CONDENSATE NEUTRALIZATION KIT.

H2M architects + engineers

538 Broad Hollow Road, 4th Floor East
Melville, NY 11747
631.756.8000 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
JRM	KJE		

PROJECT No:	DATE:	SCALE:
VGFD2001	JULY 2022	AS SHOWN

CLIENT

VAILS GATE FIRE DISTRICT

New Storage Building (Phase I)
New Fire Station (Phase II)

872 Blooming Grove Turnpike
New Windsor, NY 12553

CONTRACT

CONTRACT G
GENERAL CONSTRUCTION

STATUS

FINAL BID DOCUMENT

SHEET TITLE

PLUMBING EQUIPMENT SCHEDULE

DRAWING No.

P2 003.00

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