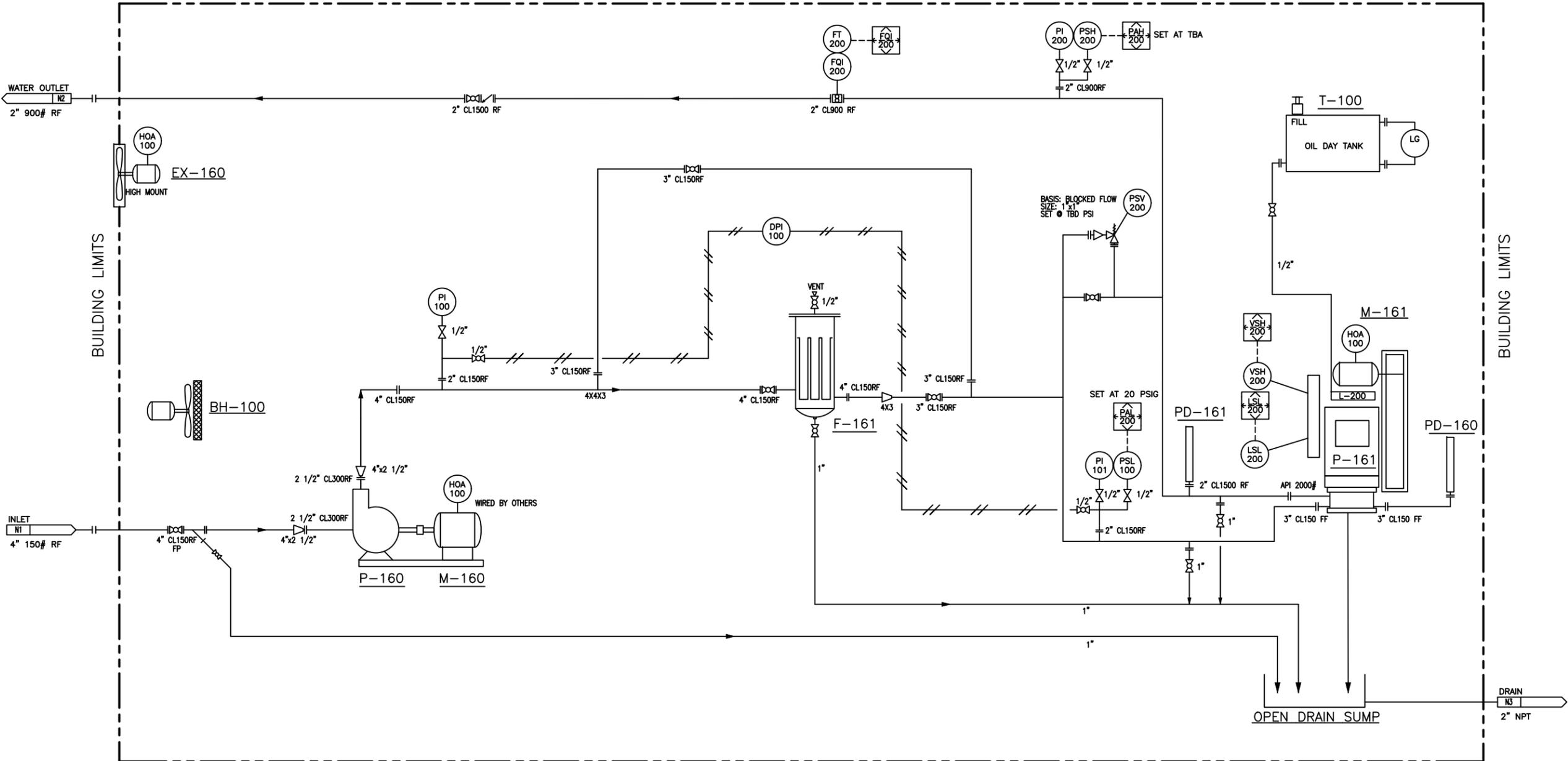


N1 4" CL150 RF - INLET
 N2 2" CL900 RF - OUTLET

REV	DATE	DETAILS	BY	CHK	APP
0	09/18/18	AS-BUILT	MRB	MRB	

TITLE:	
60HP WATER TRANSFER PACKAGE GENERAL ARRANGEMENT DRAWING	
DRAWING NO.	REV.
068-GA-001	0

BH-160 ELECTRIC HEATER 5KW FX4 460/3/60 Hz W/ THERMOSTAT	P-160 CHARGE PUMP GRUNDFOS MODEL: CRN32-2-1 120GPM @ 50PSI	M-160 WEG CHARGE PUMP MOTOR RATED: 7.5HP @ 1,200 RPM 230/460/3/60 Hz TEFC	F-161 THREE P2 BAG FILTER 150 PSI @ -20~+300 F CRN: AB, BC, SK 4"-150# CONNECTIONS	P-161 TRIPLEX PLUNGER PUMP FMC 1220 (RECONDITIONED) PLUNGER: TBD 30 TO 124 GPM	M-161 TRIPLEX PUMP MOTOR RATED: 60 HP @ 1,780 RPM 480/3/60 Hz TEFC, VFD RATED	PD-160 SUCTION PULSATION STABILIZER COORSTEK 300 CUBIC INCHES ST-1503-F CRN: AB, BC	PD-161 DISCHARGE PULSATION STABILIZER COORSTEK 300 CUBIC INCHES S-35402-F CRN: AB, BC	L-200 PACKING LUBRICATOR LINCOLN 3 FEED, 1/4" PLUNGERS BELT DRIVE	T-100 LUBE OIL DAY TANK KENCO 55GLN TANK/STAND	EX-160 EXHAUST FAN 120/1/60 Hz
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INSTRUMENT TABLE

ITEM#	TAG#	DESCRIPTION	ITEM#	TAG#	DESCRIPTION
1	PI-100/101	0-150 PSIG GAUGE 4" LIQUID FILL BOTTOM MOUNT DUAL SCALE	7	PSV-200	1" NPT X 1" NPT MOUNTED IN THREADED FLANGE. SET RISING TO TBD
2	DPI-100	0-30 PSIG DIFF. RANGE S.S.	8	VSH-200	MURPHY VSH-150EX HIGH VIBRATION SWITCH
3	PSL-100	CCS 6900 GZE 14 SET FALLING TO 172 KPA (20 PSI).	9	LSL-200	MURPHY EL-150EX LOW OIL LEVEL SWITCH
4	PI-200	0-3,000 PSIG GAUGE 4" LIQUID FILL BOTTOM MOUNT DUAL SCALE	10		
5	PSH-200	CCS646PE21 GZE 22 SET RISING TO TBD	11		
6	FQI/FT-200	NU-FLO 2"x2" EZ-IN TURBINE C/W MC-III TOTALIZER	12		

NOTES:
 1: BUILDING CLASS I ZONE 2.
 2: FLOW METER SHALL HAVE 10 PIPE DIAMETER STRAIGHT RUN UPSTREAM AND 5 PIPE DIAMETER DOWN STREAM.
 3: DPI TO HAVE ISOLATION VALVES ON THE INLET/OUTLET.

NOZZLE	SIZE	NOZZLE DESCRIPTION
N3	2" NPT	SUMP DRAIN
N2	2" 1500# RF	WATER OUTLET
N1	4" 150# RF	WATER INLET

REV	DATE	DETAILS	BY	CHK	APP
0	09/18/18	AS BUILT	MRB	MRB	

TITLE:
 60HP WATER TRANSFER PACKAGE
 PROCESS AND INSTRUMENTATION DIAGRAM

DRAWING NO. -068-PID-001
 REV. 0