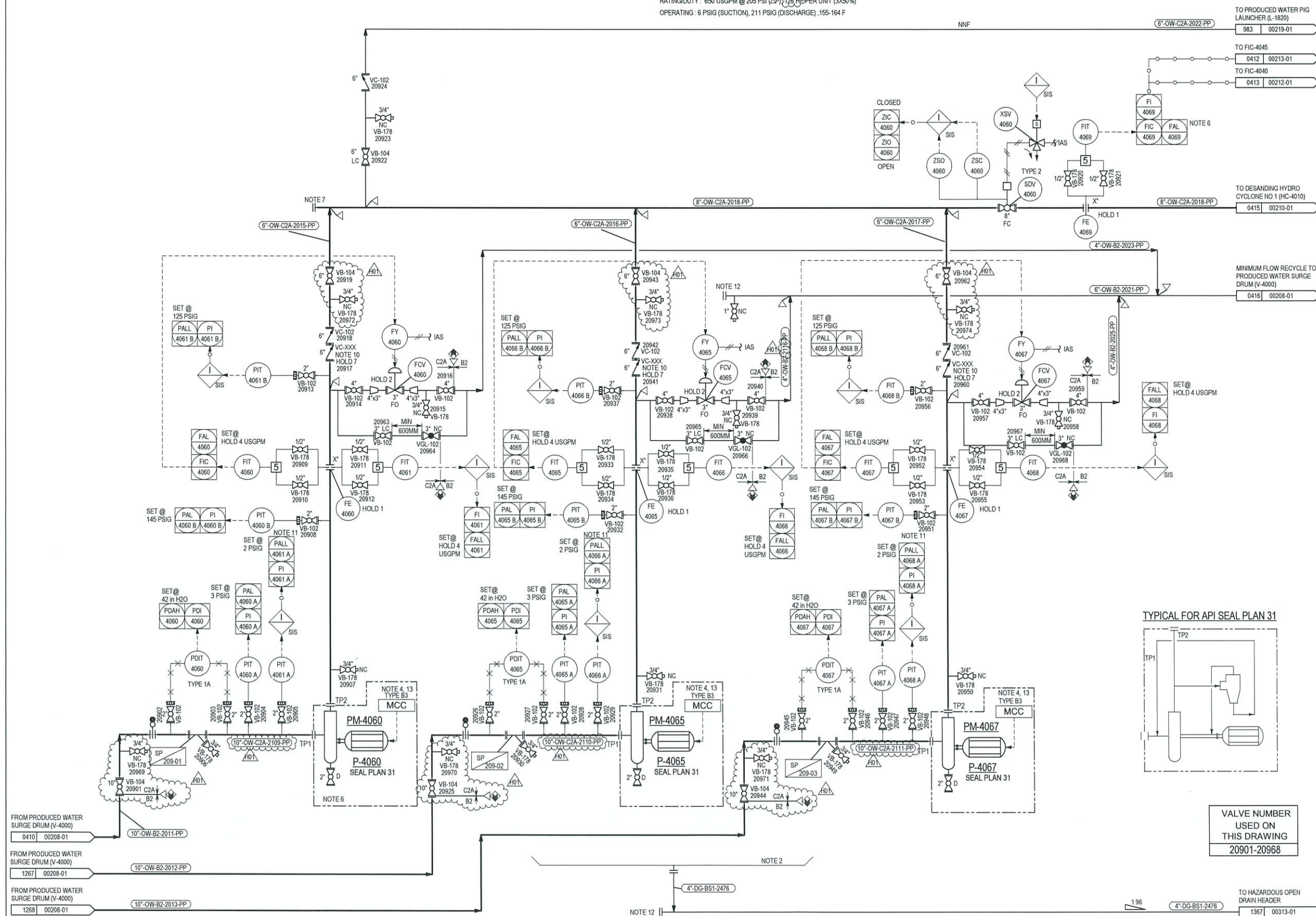


P-4060/ 4065/ 4067
PW SURGE DRUM PUMPS
DESIGN : 395 PSIG, 240 °F
RATING/DUTY : 650 USGPM @ 205 PSI (ΔP) 125 HP PER UNIT (3X50%)
OPERATING : 6 PSIG (SUCTION), 211 PSIG (DISCHARGE), 155-164 F



GENERAL NOTES:

NOTES:

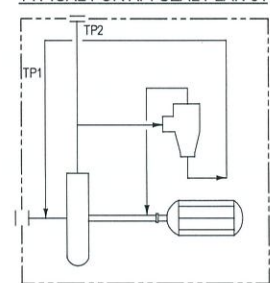
1. FLOW METER IN 316SS MATERIAL.
2. COMMON PUMP SKID PAN TO COVER P-4060/4065/4067/4080/4085.
3. WHEN DESIGN FCV-4060/4065/4067 EROSION RESISTANCE SHALL BE CONSIDERED.
4. STAND BY PUMP TO AUTO START IF RUNNING PUMP TRIPS.
5. EASI DRIVE VALVE OR EQUIVALENT.
6. P-4060 SHALL BE USED FOR PUMPING LIQUIDS TO FSO IN CASE OF PRODUCED WATER INJECTION PUMP IS UNDER MAINTENANCE.
7. CONNECTION FOR FUTURE PUMP.
8. STANDBY PUMP AUTOMATICALLY STARTS WHEN ONE OF THE DUTY PUMPS TRIPS.
9. ~~DELETED~~ H01.
10. DISSIMILAR TYPE.
11. TIME DELAY 5 SEC.
12. RODDING OUT POINT.
- 13.

PM	XA	XI	XY	XYM
4060	4060	4060 A 4060 B 4060 C	4060	4060
4065	4065	4065 A 4065 B 4065 C	4065	4065
4067	4067	4067 A 4067 B 4067 C	4067	4067

HOLDS:

1. BORE SIZE.
2. CONTROL VALVE SIZE.
3. MINIMUM FLOW SETTING TO BE PROVIDE BY VENDOR.
4. SET POINT FOR INSTRUMENT.
5. INSULATION THICKNESS.
6. DELETED.
7. CHECK VALVE TYPE.

TYPICAL FOR API SEAL PLAN 31



VALVE NUMBER
USED ON
THIS DRAWING
20901-20968

REFERENCE DRAWING:

NO.	DATE	REVISION
H01	14/03/18	ISSUED FOR DESIGN
F02	29/01/18	ISSUED POST-HAZOP
F01	13/11/17	ISSUED FOR HAZOP
E01	09/10/17	ISSUED FOR COMPANY REVIEW
D01	22/09/17	ISSUED FOR IDC



PROJECT:	UBON PROJECT	PLATFORM:	UBCPP
TITLE:	PIPING AND INSTRUMENTATION DIAGRAM PRODUCED WATER PUMP SURGE DRUM PUMPS (P-4060/4065/4067) - SHEET 1	REVISION:	H01
SCALE:	NTS	DRAWING No:	UBO-UBPG-PRO-PID-WPT-0000-00209-01