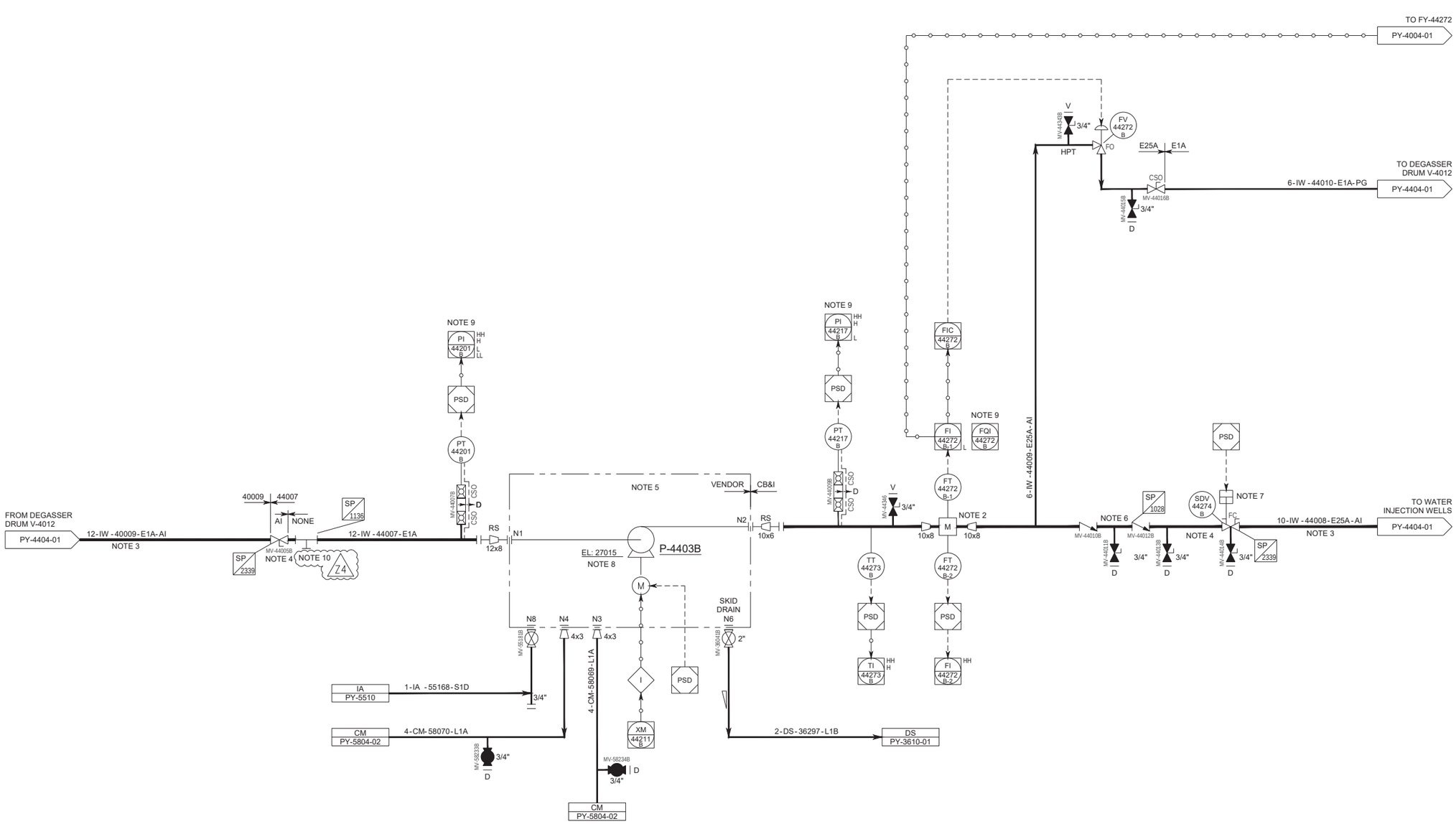
P-4403B

WATER INJECTION PUMP 'B'

RATED CAPACITY	:	298 m³/h
DIFFERENTIAL HEAD	:	2928 m
INSTALLED POWER	:	3900 kW
DESIGN PRESSURE	:	345 barg
DESIGN TEMPERATURE	:	-7.6 / 110°C
TRIM	:	N/A



NOTES

REFER TO LEGEND SHEETS 168397-100-PR-PI-0001 TO 0012 FOR DETAILS OF PIPING CLASS, INSULATION, EQUIPMENT TYPES, INSTRUMENT DETAILS, VALVES AND SPECIFIC HOOK-UP REQUIREMENTS.

1. DELETED.
2. FLOWMETER TO HAVE MINIMUM STRAIGHT LENGTHS AS SPECIFIED BY INSTRUMENT GROUP.
3. ACOUSTIC INSULATION TO BE APPLIED TO INLINE VALVES. VALVES IN BRANCHES TO BE TRACED AND INSULATED FP WHERE SHOWN. OTHER VALVES TO HAVE PERSONNEL GUARDS WHERE VALVE IS ACCESSIBLE.
4. KEY INTERLOCK SYSTEM TO ENSURE DISCHARGE SDV-44274B DOUBLE BLOCK AND BLEED ISOLATION IN PLACE BEFORE SUCTION BLOCK VALVE CAN BE CLOSED.
5. FOR FULL DETAILS REFER TO VENDOR P&IDs, 168397-200-PO-3272-MC2-001 TO 005.
6. TWO DISSIMILAR CHECK VALVES REQUIRED.
7. SDV TO BE CLOSED WHEN PUMP NOT RUNNING/STOPPED.
8. PUMP BASE PLATE ELEVATION.
9. DELETED.
10. MESH REMOVED FROM PUMP SUCTION STRAINER. Z4

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z2	05/08/2020	AS BUILT FOR GMOC0517	BMD	LM	JL	TR
Z1	18/01/2012	AS BUILT INC. RN 05	JPN	JG	JG SH	JM
1	18/05/2012	REVISED FOR CONSTRUCTION INC. RN 03, 04	MC	JCM	RJD IV	SA
0	18/01/2012	AFC INC. RN 02	MC	JCM	RJD IV	SA
Z4	01/10/21	AS BUILT FOR GMOC0413	TPK	TF	JL	TR
Z3	09/02/21	AS-BUILT FOR GMOC0511	TF	JL	JL	TR

cnooc

Golden Eagle

Golden Eagle Area Development

Worley

energy | chemicals | resources

TITLE: PIPING & INSTRUMENT DIAGRAM WATER INJECTION PUMP 'B'

SCALE (A1): NTS

ASSAI No: PR08PU0080

CONTRACT No: 168397

CLIENT CONTRACT No: GEA-CT-CON-00808

DRAWING No. 168397 - 100 - PR - PY - 4405 - 01

REV Z4

FILENAME: \\WHYTOWPNAS01\HYD_LOCATION_FOLDERS\04_ENGINEERING\05_PROCESS\02_DISCIPLINE PROJ FOR REF\ABERDEEN 2\CNOOC\01 WORKING\EC_GEAGLE_PRASANNA\168397-100-PR-PY-4405-01_REV Z4.DWG (PRINTED: 9/29/2021 8:56:07 PM)