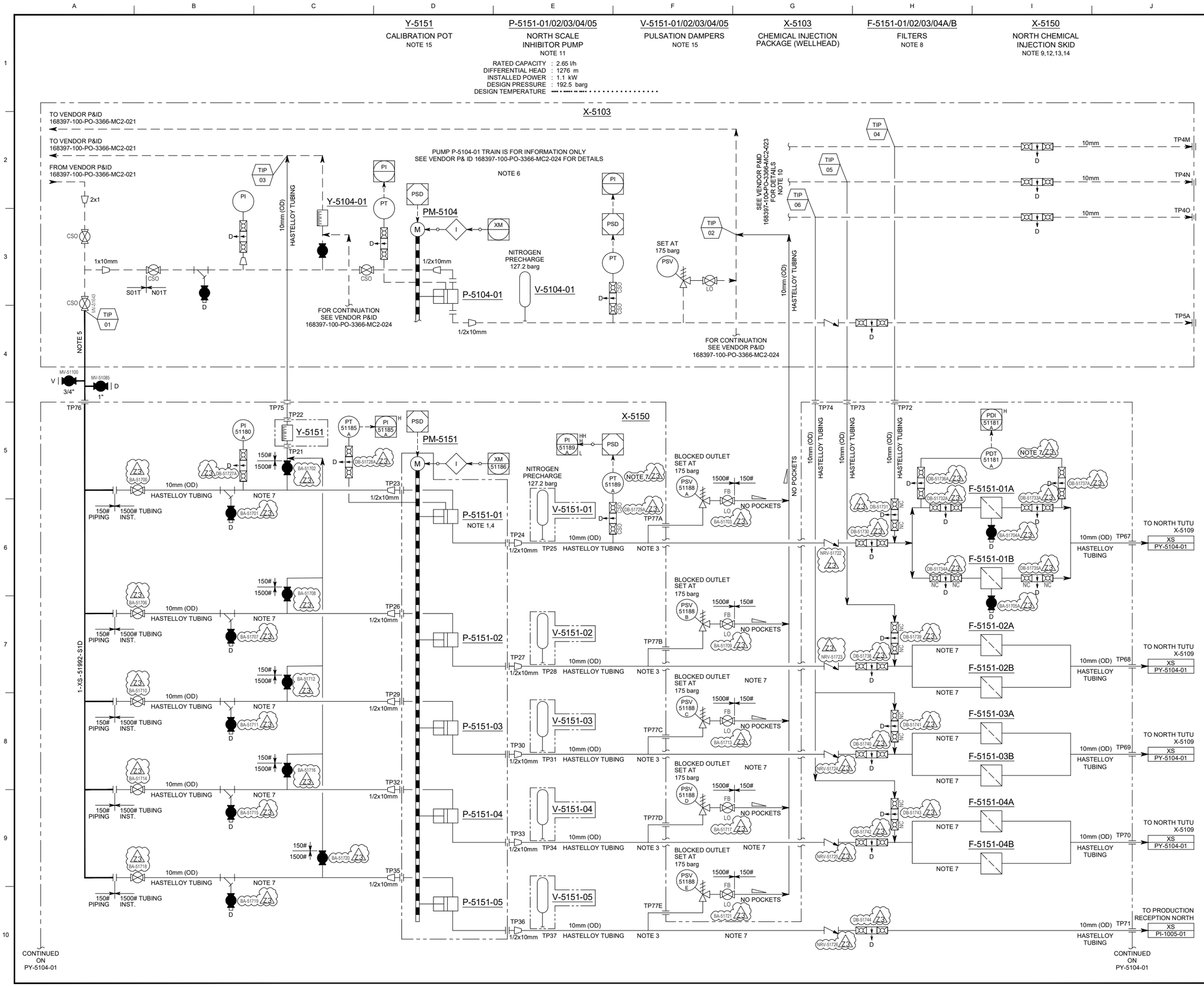

NOTES

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. ALL PUMP HEADS TO BE FITTED WITH MANUAL STROKE ADJUSTMENT FROM 0-100% OF DESIGN DOSING RATE.
2. DELETED.
3. INLET TO PSV TO RISE CONTINUOUSLY WITH NO POCKETS. OUTLET FROM PSV TO FALL CONTINUOUSLY TO TANK. TOTAL EQUIVALENT LENGTH TO PSV NOT TO EXCEED 18m. PSV-51188A TO E TO BE LOCATED ABOVE T-5110 ON X-5103.
4. PUMP INTERNAL RELIEF VALVES SET AT 192.5 barg.
5. SCALE INHIBITOR SUPPLY IS FROM STORAGE TANK T-5110 (PART OF X-5103).
6. SECTION OF VENDOR P&ID 168397-100-PO-3366-MC2-024 IN ORDER TO SHOW TIE-IN LOCATIONS FOR NORTH SCALE INHIBITOR PUMP ON X-5103.
7. HEADS 02 TO 05 VALVING AND INSTRUMENTATION DETAILS OMITTED FOR CLARITY. INSTRUMENT TAGS WILL BE NUMBERED AND ARRANGED IDENTICALLY TO HEAD 01 BUT SUFFIXED FROM B TO E, EXCEPT FOR PDT-51181 WHICH IS SUFFIXED FROM B TO D FOR HEADS 02 TO 04.
8. 3 MICRONS.
9. ALL EQUIPMENT IS LOCATED ON BASEPLATE OF X-5150. REFERENCE SHOULD ALSO BE MADE TO 168397-100-PR-PY-5104-01.
10. SPARE PUMP HEADS P-5103C-03/04/05 ON X-5103 TO BE COMMON SPARES FOR NORTH SUBSEA WELLS. P-5103C-03 WILL BE SPARE FOR P-5151-01, P-5103C-04 WILL BE SPARE FOR P-5151-02 AND P-5103C-05 WILL BE SPARE FOR P-5151-03/04.
11. CAPACITY SPECIFIED IS FOR EACH PUMP HEAD.
12. ALL PIPE TO BE SEAMLESS 316L SS. ALL TUBING TO BE HASTELLOY C276 ASTM B622.
13. TUBE FITTINGS TO BE TWIN FERRULE COMPRESSION TYPE 'A LOK', HASTELLOY C276.
14. ALL VENTS AND BLEEDS MUST BE FITTED WITH PLUGS.
15. PULSATION DAMPERS AND CALIBRATION POT SUPPLIED BY PUMP VENDOR.

REV	DATE	DESCRIPTION	DRN	CHK	APP	CLT
Z3	29/11/2021	AS-BUILT FOR GIC0107	TPK	TF	JL	TR
Z2	24/05/2017	AS BUILT AS PER GIC0036	LM	RS	RS	TR
Z1	25/07/2014	AS BUILT INC. RN 01 - 02	JPN	JG	JG SH	JM
1H	21/09/2012	REVISED FOR CONSTRUCTION	BM	JAS	RJD IV	SA
0H	07/08/2012	AFC	BM	RJD	RJD IV	SA
A1	13/07/2012	ISSUED FOR IDC	BM	RJD	RJD	

cnooc

Golden Eagle
Golden Eagle Area Development

Worley
energy | chemicals | resources

TITLE:
PIPING & INSTRUMENT DIAGRAM
NORTH CHEMICAL INJECTION
SCALE INHIBITOR PUMP

SCALE (A1): NTS

ASSAI No: PR18PU0011

CONTRACT No: 168397

CLIENT CONTRACT No: GEA-CT -CON-00808

DRAWING No. 168397 - 100 - PR - PY - 5105 - 01

REV Z3

FILENAME: \\INTOWPNAS01\HYD_LOCATION_FOLDERS\04_ENGINEERING\05_PROCESS\02_DESIGN\PIPE\PROJ FOR REP\ABERDEEN\2-CNOOC\CNOOC_PHASE-2\01 WORKING\GE\GLE-NX-A-TRN-NX-4854-168397-100-PR-PY-5105-01_REV_Z3.DWG (PRINTED: 12/3/2021 9:02:46 AM)