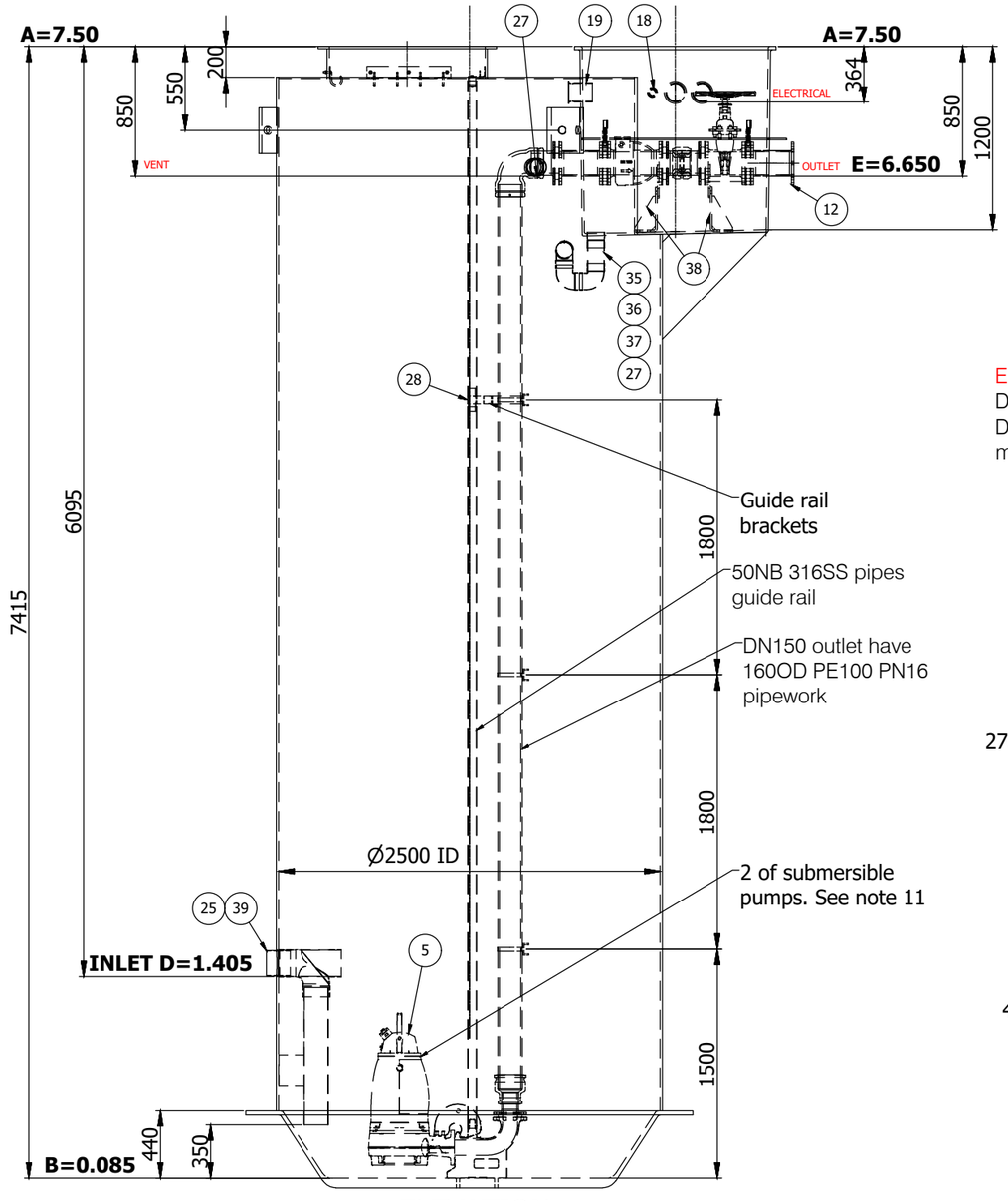
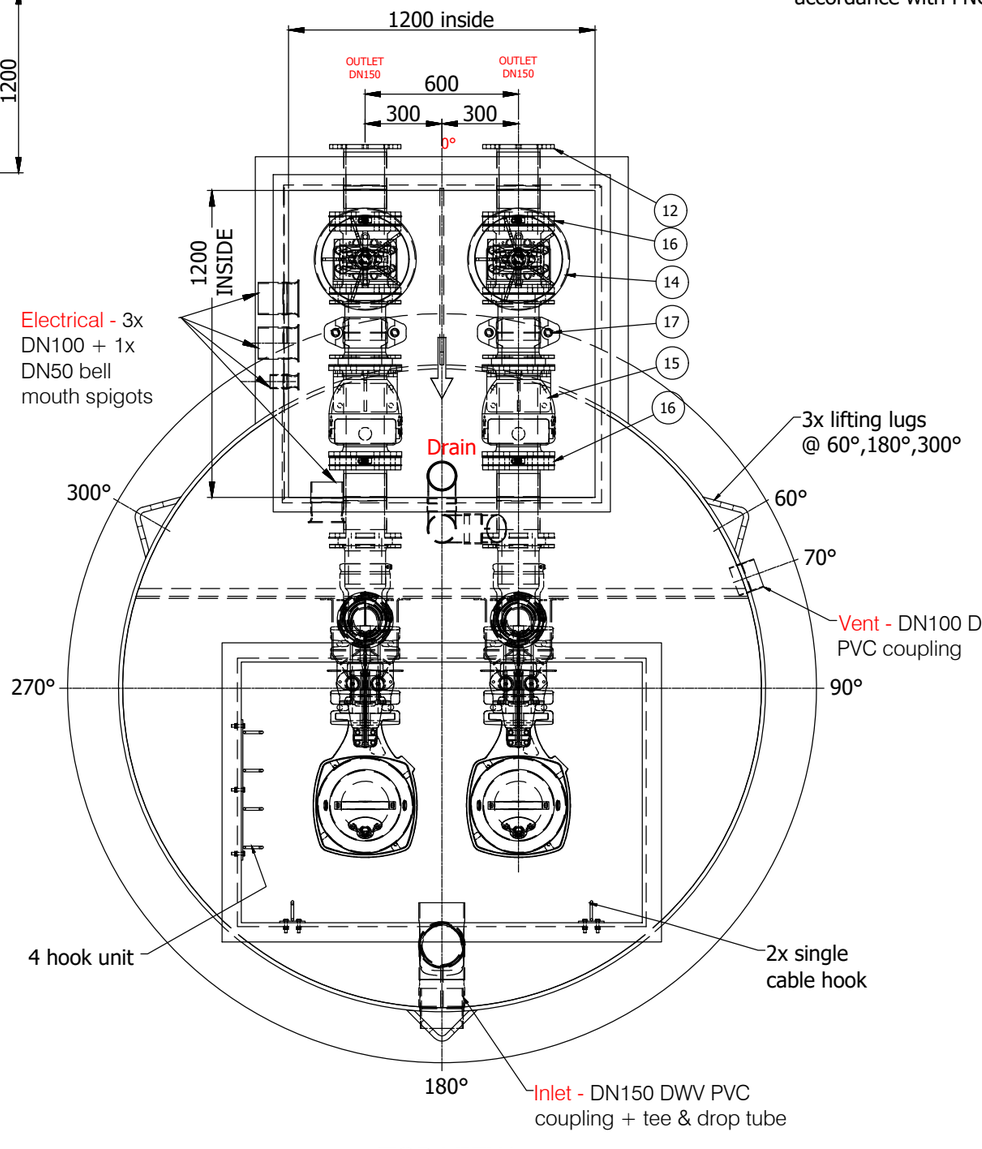
| PARTS LIST | | | PARTS LIST | | |
|---|---|---|---|---|---|
| ITEM | DESCRIPTION | SIZE | ITEM | DESCRIPTION | SIZE |
| 5 | PUMP | DESIGNED IN ACCORDANCE WITH FNQROC AND WSA 04-2005 | 27 | COUPLING | DN100 DWV COUPLING |
| 12 | FLANGE | DN150 TBL'D' FLANGE NOZZLE | 28 | BRACKET ASSEMBLY | GUIDE RAIL BRACKET |
| 14 | VALVE | RSGV DN150-GATE VALVE HAND WHEEL | 33 | HATCH COVER | FOUR SIDED SAFETY COVER - 1050x1140 CO |
| 15 | VALVE | DN150 SWING CHECK VALVE PN16 | 34 | HATCH COVER | FOUR SIDED SAFETY COVER - 1350x900 CO |
| 16 | TEST FLANGE | PTF-150 DN150 30THK TD Pressure Test Flange ASSEMBLY | 35 | PVC PIPING | 110mm PVC x 200 LG |
| 17 | COUPLING | 160 OD | 36 | PVC PIPING | 110mm PVC 90 BEND MF |
| 18 | SPIGOT | DN50 ELECTRICAL SPIGOT | 37 | FROG FLAP | 110mm PVC FLAP |
| 19 | SPIGOT | DN100 ELECTRICAL SPIGOT | 38 | VALVE SUPPORT | VS-250W-150TBLD-002 |
| 25 | TEE | DN150 DWV PVC TEE | 39 | COUPLING | DN150 DWV COUPLING |



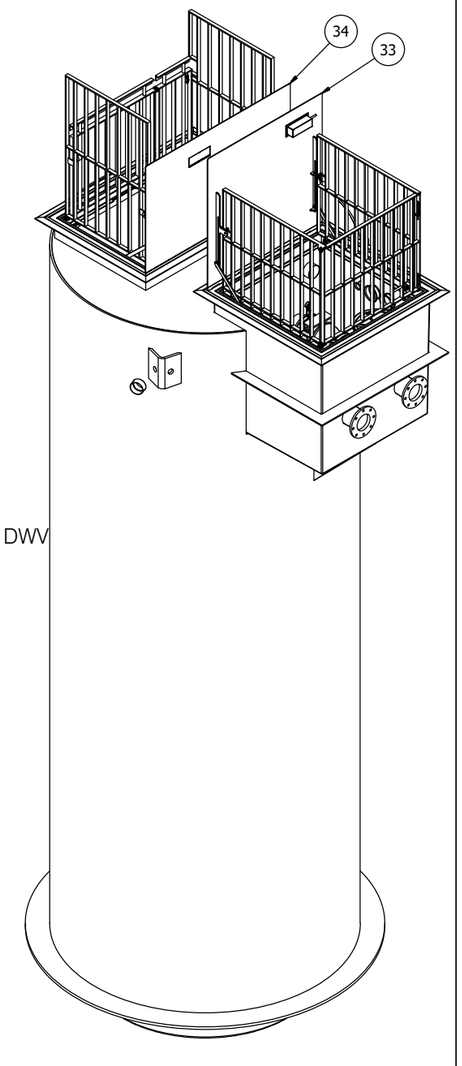

ELEVATION

## NOTES

1. Combo well to be manufactured and installed as per Mareeba Shire Council (MSC) supplied specifications and requirements.
2. Concrete ballast calculations provided to installer.
3. Flange drillings to AS 4087 PN16.
4. In the combo well, all bolts to be grade 316 stainless steel and all nuts and washers to be grade 304 stainless steel.
5. Valves to be flanged, resilient seated, fusion bonded epoxy coated and anti-clockwise closing with hand wheels
6. Non-return valves (reflux valves) to be flanged, resilient seated, and fusion bonded epoxy coated.
7. All metalwork to wet well except lids to be 316 stainless steel. All metalwork to valve pit except lids to be GMS. Backing rings required to all PE flanges.
8. Pit and wet well covers to be austral FSP hatch cover.
9. Roof slab design by others and certified by RPEQ structural engineer.
10. Pump station approx. Mass=1200kg w/out pumps
11. Provide life cycle costs of all pumping options. Designed in accordance with FNQROC and WSA 04-2005




TOP VIEW

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| A | ORIGINAL ISSUE | 08/09/20 |
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# SEWERAGE DEEP COMBO PUMP STATION GENERAL ARRANGEMENT

Standard Drawing
S3022
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