

REVISIONS							
1	25/1/19	STANDARD DRAWING.	P.S.				
No.	DATE	DESCRIPTION	APP'D	PLAN No.	TITLE		

REFERENCES							
A1-52770	STD SPS - PUMP STN 30kW TO 160kW (VSD) - CT METERED - I & C - DRG INDEX						
PLAN No.	TITLE						

DESIGNED BY:

O

PTIMUM

DRAFTING PTY LTD

A.B.N. 28 065 272 942

DO NOT SCALE

CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS.

DESIGNED: 25/01/2019 - STD DRG

DRAWN: 25/01/2019 - OPT/MM

CHECKED: 25/01/2019 - G FOX

GIPPSLAND WATER

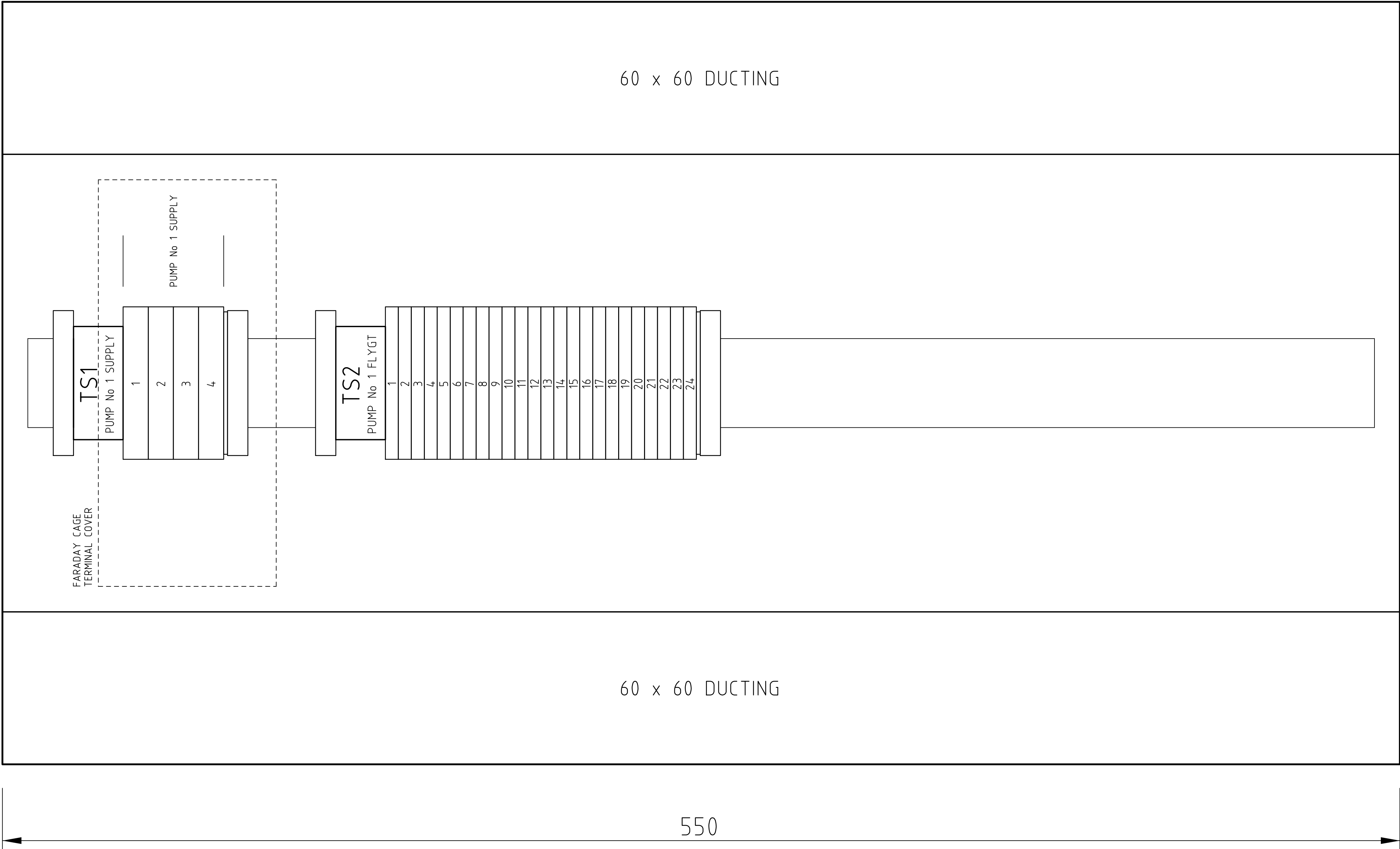
STANDARD SEWERAGE PUMP STATION  
PUMP STATION 55kW TO 160kW (VSD) - CT METERED  
JUNCTION BOX QB1EJ01 - PUMP No 1 COMPARTMENT  
GEAR TRAY LAYOUT

GIPPSLAND WATER FACILITY CODE  
XXCPXX

DRAWING No.  
A1-69678

REV.  
1

300



60 x 60 DUCTING

60 x 60 DUCTING

550

60

180

60

- 1 STATOR HOUSING LEAKAGE
- 2 COMMON
- 3 MAIN BEARING TEMP
- 4 SUPPORT BEARING TEMP
- 5 STATOR TEMP MONITORING
- 6 COMMON
- 7 JUNCTION BOX LEAKAGE
- 8 STATOR TEMP PH1 ANALOG
- 9 LOCAL RS-485 (A)
- 10 LOCAL RS-485 (B)
- 11 (GND)
- 12 (+12V)
- 13 STATOR TEMP PH21 ANALOG
- 14 COMMON
- 15 STATOR TEMP PH3 ANALOG
- 16 COMMON
- 17 COMMON
- 18 SUPPORT BEARING TEMP
- 19 (+) WATER IN OIL HOUSING OR LEAKAGE IN INSPECTION CHAMBER
- 20 (GND) WATER IN OIL HOUSING OR LEAKAGE IN INSPECTION CHAMBER
- 21 (+) VIBRATION OR OPTIONAL 4-20mA SENSOR INPUT
- 22 (GND) VIBRATION OR OPTIONAL 4-20mA SENSOR INPUT
- 23 (+10 V OUT) VSD THERMISTOR INPUT
- 24 (A IN) VSD THERMISTOR INPUT