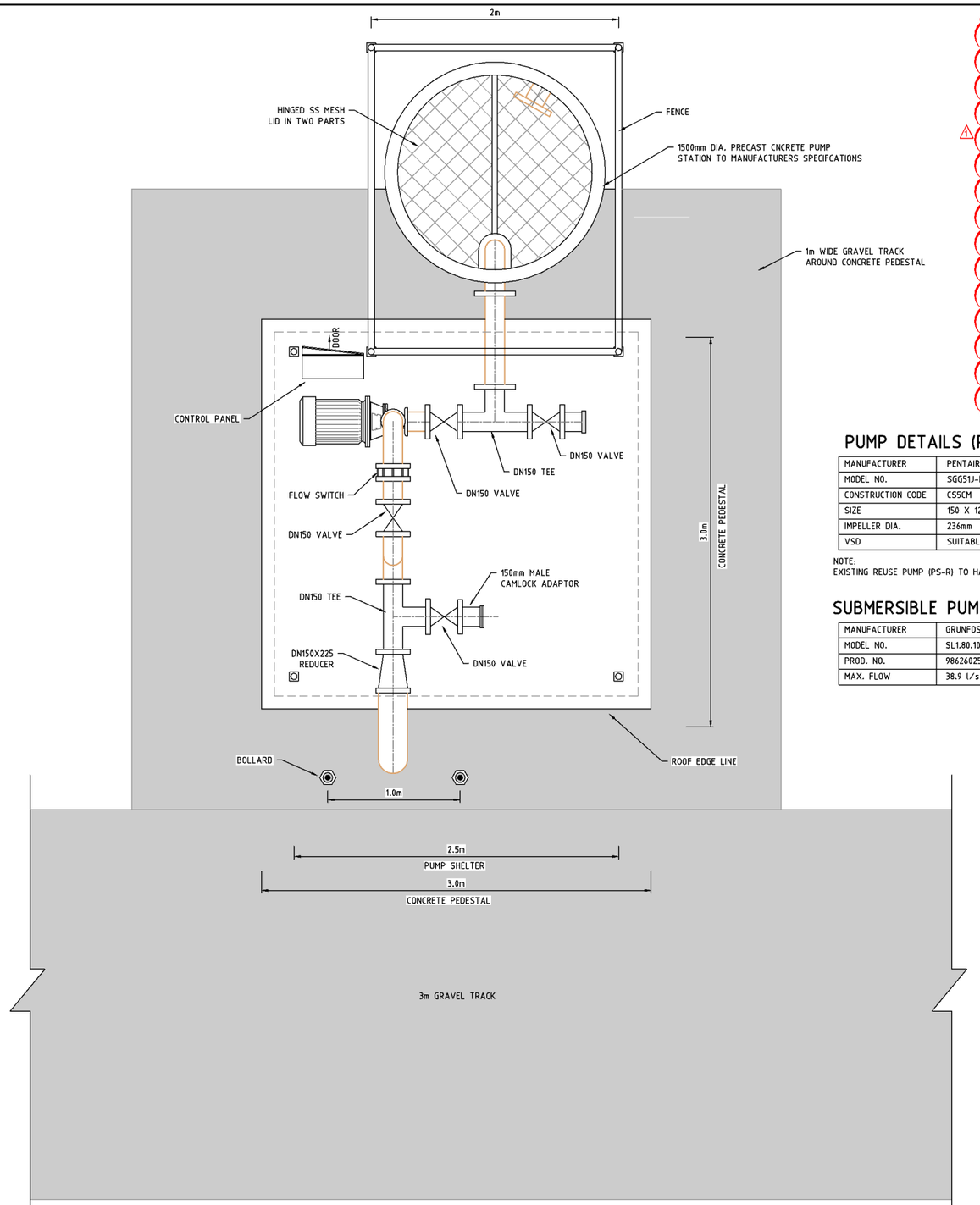
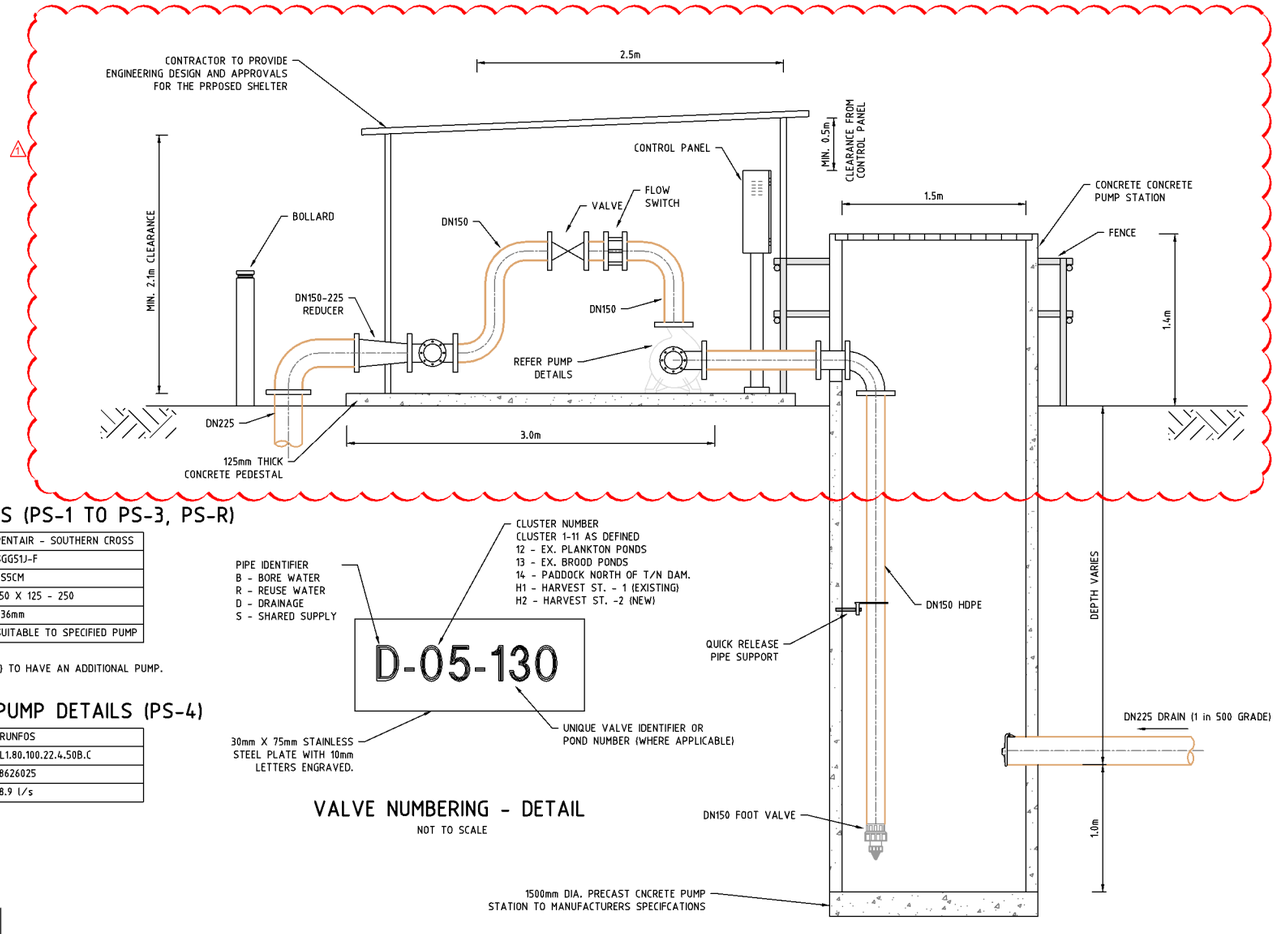


TYPICAL PUMP STATION - PLAN VIEW

NOT TO SCALE



TYPICAL PUMP STATION - SECTION VIEW

NOT TO SCALE

NOTE:
ALL MATERIALS IN PUMP WELL TO BE SS OR HDPE.

PUMP DETAILS (PS-1 TO PS-3, PS-R)

MANUFACTURER	PENTAIR - SOUTHERN CROSS
MODEL NO.	SGG51J-F
CONSTRUCTION CODE	CS5CM
SIZE	150 X 125 - 250
IMPELLER DIA.	236mm
VSD	SUITABLE TO SPECIFIED PUMP

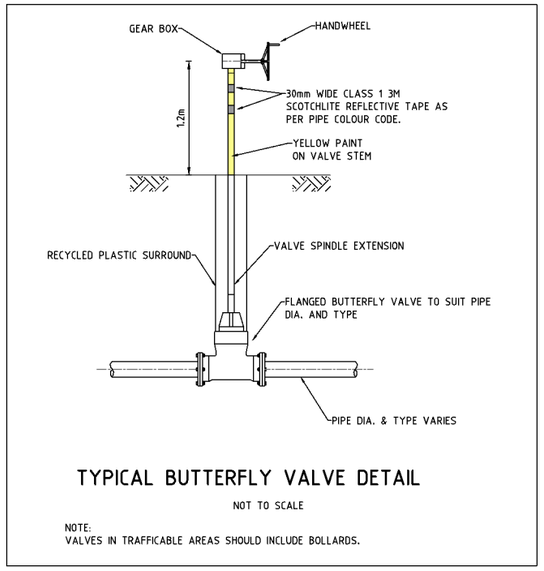
NOTE:
EXISTING REUSE PUMP (PS-R) TO HAVE AN ADDITIONAL PUMP.

SUBMERSIBLE PUMP DETAILS (PS-4)

MANUFACTURER	GRUNFOS
MODEL NO.	SL1.80.100.22.4.50B.C
PROD. NO.	98626025
MAX. FLOW	38.9 l/s

VALVE NUMBERING - DETAIL

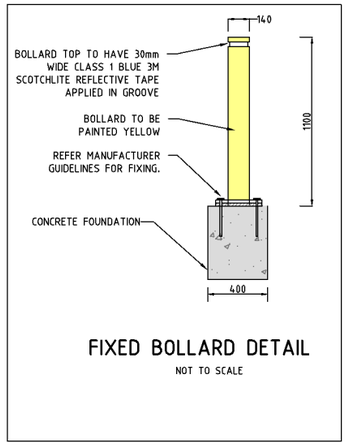
NOT TO SCALE



TYPICAL BUTTERFLY VALVE DETAIL

NOT TO SCALE

NOTE:
VALVES IN TRAFFICABLE AREAS SHOULD INCLUDE BOLLARDS.



FIXED BOLLARD DETAIL

NOT TO SCALE

1	AS SHOWN	30-04-24	
REVISION		DATE	ZONE

FOR TENDER

0

Scale As Shown

Chris Smith & ASSOCIATES PTY LTD

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Designed	Sahan Dinesh	Jan 2024
Drawn	Sahan Dinesh	Mar 2024
Checked	Michael Welk	Mar 2024
Approved		

Victorian Fisheries Authority
Arcadia Fish Hatchery Expansion
200 Ross Road
Arcadia
Pump Station Details
Civil Works
Drawing No. 23241 - CW21 **Rev. 1**
Sheet No. 21 of 24 23241 - CW03.dwg

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