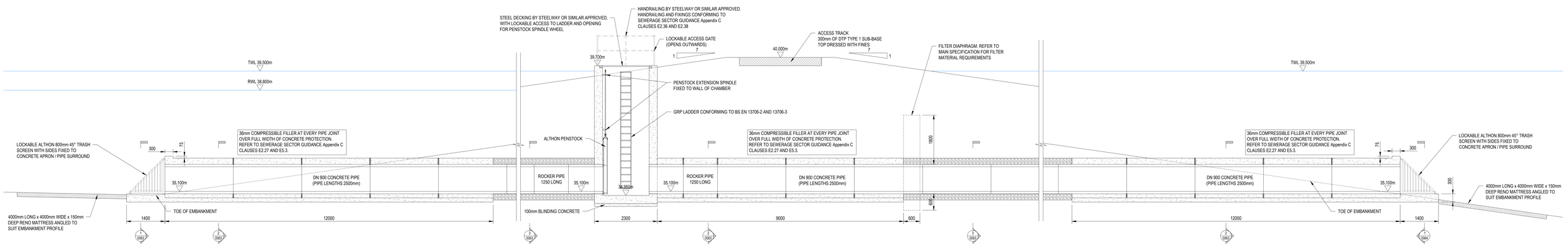


PLAN OF PENSTOCK CHAMBER AND ACCESS TRACK BUND.
SCALE 1:50



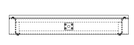
CROSS SECTION THROUGH PENSTOCK CHAMBER AND ACCESS TRACK BUND.
SCALE 1:50

SCALE 1:50 AT ORIGINAL SIZE

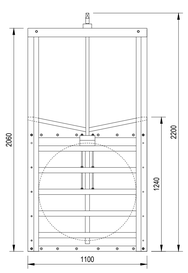
ALTHON PRA-G 900 HDPE/SS PENSTOCK SPECIFICATION INFORMATION

- THE PENSTOCK HAS A NON-RISING SPINDLE AS STANDARD
- WITH AN OLG SPINDLE BEARING AND AN HDPE BACK PLATE
- WITH AN HDPE MOVING PLATE PROVIDED WITH RVS316L STIFFENERS WITH POM SPINDLE BLOCK
- THE MOUNTING MATERIAL AND THE SPINDLE ARE MADE OF SS316
- THE SEAL BETWEEN THE MOVING AND BACK PLATE CONSISTS OF AN INTEGRAL EPDM LIP SEAL, WHICH DOES NOT REQUIRE ANY ADJUSTMENT AFTER INSTALLATION

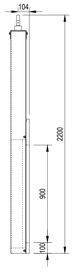
MATERIAL: HDPE, SS316, EPDM AND POM
MAX. LOAD (ON/OFF SEATING): 5 MWC FROM BOTTOM INVERT LEVEL (B.I.L)
NUMBER OF CHEMICAL ANCHORS: M8 10PCS
NUMBER OF COUNTERSUNK HEAD SCREWS: M10 12PCS
BARE SHAFT: Ø20mm
CONICAL SQUARE SOCKET REMOVED WHEN USING SPINDLE EXTENSION



PLAN.

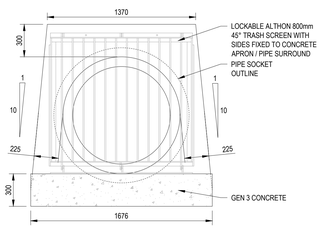


ELEVATION.

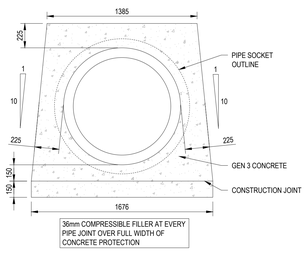


SECTION.

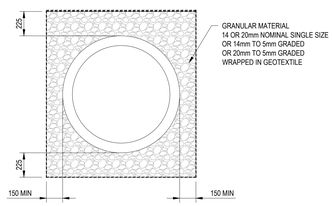
ALTHON 900mm HDPE PENSTOCK.
SCALE 1:20



SECTION 1 - TRASH SCREEN APRON.
SCALE 1:20



SECTION 2 - CONCRETE PROTECTION TO PIPE.
SCALE 1:20



SECTION 3 - CLASS S BEDDING DETAIL FOR 900mm DIA PIPE.
SCALE 1:20

SCALE 1:20 AT ORIGINAL SIZE

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE (UNO).
2. ALL LEVELS ARE IN METRES TO ORDNANCE DATUM UNO.
3. ALL CO-ORDINATES ARE RELATIVE TO OS NATIONAL GRID.

Rev	Description	Checked	Approved	Date
P08	DRAWING NUMBER AND EMBANKMENT SLOPE UPDATED	LJG	TG	15.02.24
P07	REVIEW 414 COMMENTS	LJG	JR	01.02.24

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Portsmouth Water

Future Water MJJV Ltd

GHD

Project No. 12547181

Client PORTSMOUTH WATER
Project HAVANT THICKET RESERVOIR
Status FOR APPROVAL | Status Code S4

Drawing Title WETLANDS RETAINING STRUCTURE ACTIVE WATER CONTROL PENSTOCK CHAMBER DETAILS COMPARTMENT 3

Size A0
Drawing No. HTR-GHD-WL-ZZ-DR-S-0063
Rev P08

Plot Date: 16 February 2024 - 9:56 AM Plotted by: Peter Robinson

File Name: C:\Users\PRobinson\DC\ACCDocs\GHD Services Pty Ltd\12547181 - Havant Thicket Reservoir\Project Data & Docs\WIP (S0)\GHD Engineers\Wetlands & Landscaping (10)\Drawings\HTR-GHD-WL-ZZ-DR-S-0063.dwg