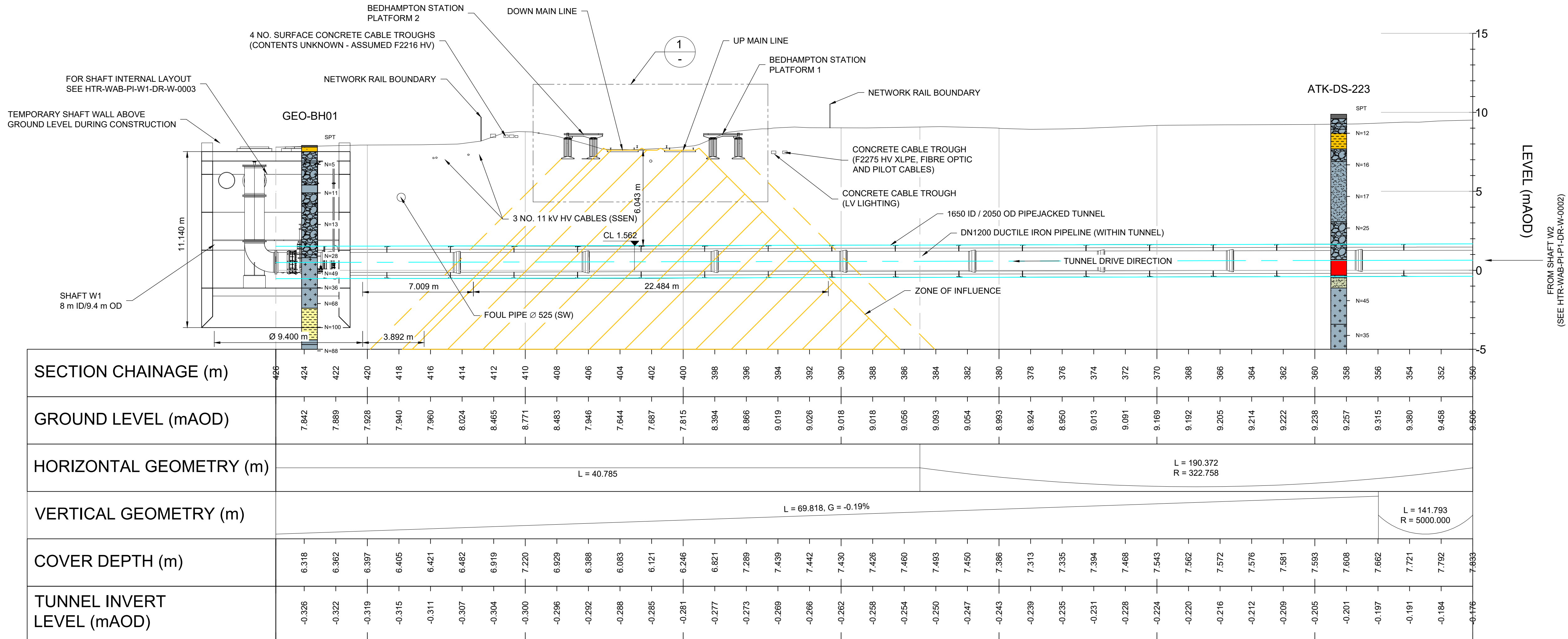
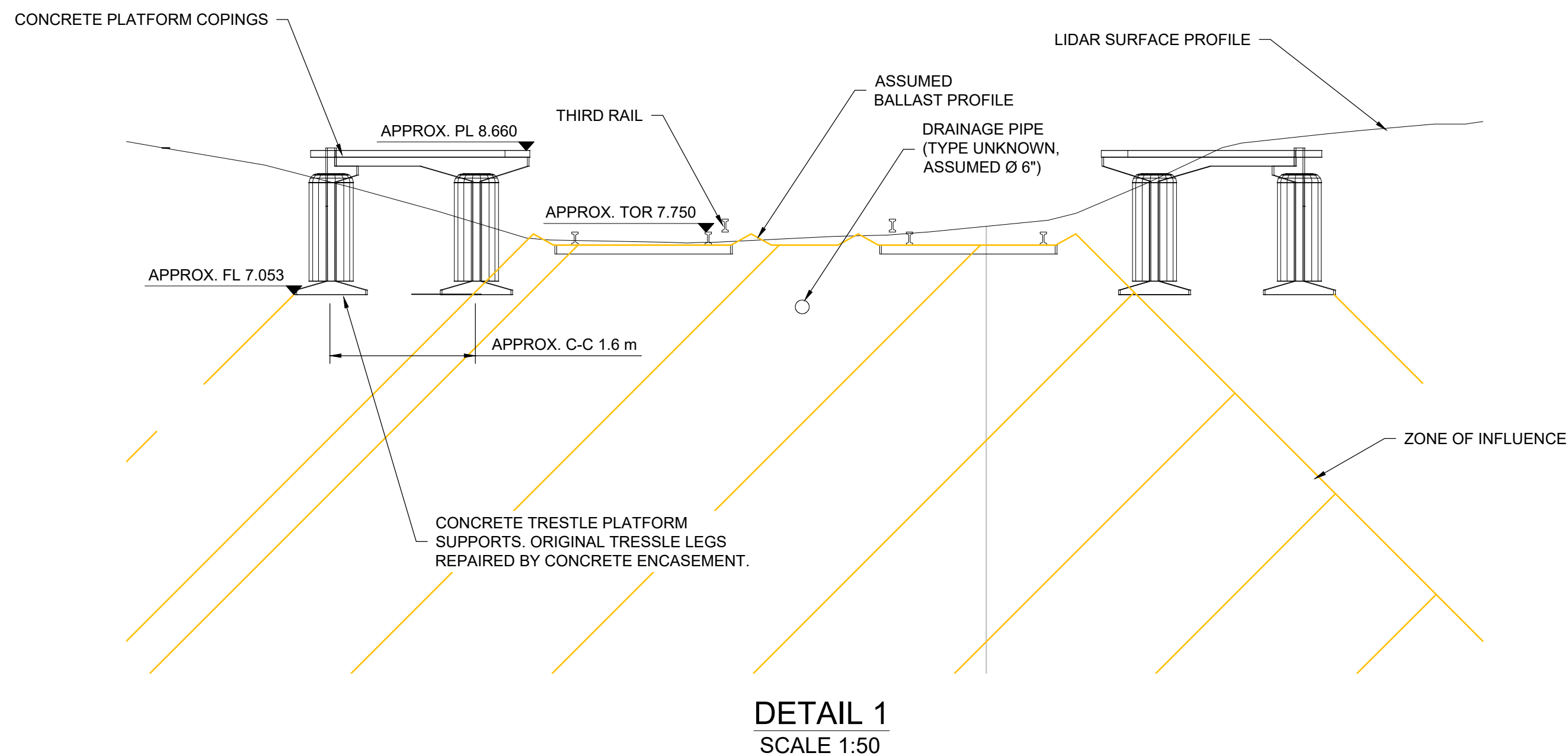
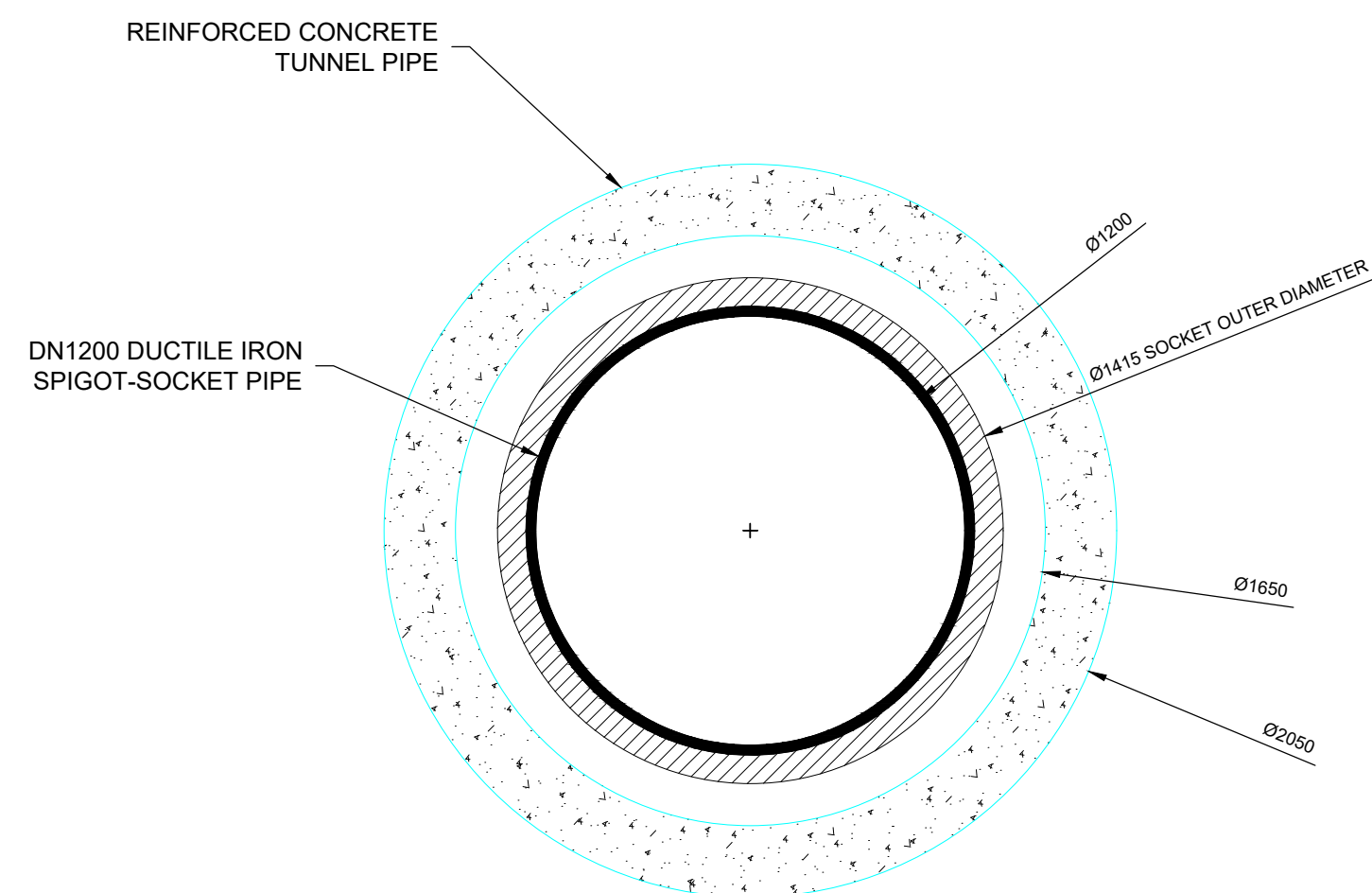




LONG SECTION
SCALE 1:150



DETAIL 1
SCALE 1:50



SECTION A-A
SCALE 1:20

- Notes:
- ALL LEVELS ARE IN METRES ABOVE ORDANCE DATUM.
 - TUNNEL IS TO BE CONSTRUCTED FROM SHAFT W2 (SEE HTR-WAB-PI-P1-DR-W-0002). CHAINAGE VALUES SHOWN IN SECTION ARE PLAN CHAINAGES ALONG TUNNEL FROM CENTRE OF SHAFT W2.
 - ONLY BURIED UTILITIES IN PROXIMITY TO THE UNDER TRACK CROSSING ARE SHOWN. LOCATIONS OF OTHER UTILITIES ALONG THE TUNNEL ALIGNMENT ARE TBC.
 - NETWORK RAIL INFRASTRUCTURE HAS BEEN MODELED APPROXIMATELY BASED ON PROVIDED RECORDS.
 - EXACT PLATFORM AND TRACK GEOMETRY INSIDE NETWORK RAIL BOUNDARY IS TBC BY SURVEY.
 - TRACK ZONE OF INFLUENCE DRAWN AS PER NR/L2/CIV/044. 45 DEGREE PLANE EXTENDING BELOW THE TOP OF THE BALLAST SHOULDER. THE BALLAST SHOULDER IS ASSUMED TO HAVE 450 mm WIDTH AND 125 mm DEPTH ABOVE TOP OF SLEEPER.
 - PLATFORM ZONE OF INFLUENCE ASSUMED TO BE 45 DEGREE PLANE EXTENDING BELOW THE PLATFORM FOUNDATION EXTENT. EXACT SPECIFICATION TBC.
 - SEE HTR-WAB-PI-P1-DR-W-0003 FOR UTX PLAN DRAWING. SEE HTR-WAB-PI-P1-DR-W-0004 FOR UTX FILL TUNNEL SECTION DRAWING.

CL = CROWN LEVEL
FL = FOUNDATION LEVEL
HV = HIGH VOLTAGE
ID = INNER DIAMETER
LV = LOW VOLTAGE
OD = OUTER DIAMETER
PL = PLATFORM LEVEL
SSSEN = SCOTTISH AND SOUTHERN ELECTRICITY NETWORK
SW = SOUTHERN WATER
TOR = TOP OF RAIL

- Legend:
- TUNNEL CENTRELINE
 - TUNNEL OUTER WALL
 - NETWORK RAIL TRACK ZONE OF INFLUENCE
 - PLATFORM ZONE OF INFLUENCE

GEOTECHNICAL SECTIONS KEY

COLOUR = PRIMARY MATERIAL

- Legend:
- UNKNOWN
 - MADE GROUND
 - CLAY
 - SILT
 - SAND
 - GRAVEL
 - ASSESSED ZONE OF CORE LOSS

PATTERN = SECONDARY MATERIAL

- Legend:
- Clayey
 - Silty
 - Sandy
 - Gravelly (or coarser)

IF MATERIAL COARSER THAN SAND IS PRESENT AS A TERTIARY OR LESSER COMPONENT, AN ADDITIONAL GRAVEL PATTERN IS ALSO SHOWN.

0 0.4 0.8 1.2 1.6 2 m
SCALE 1:20

0 1 2 3 4 5 m
SCALE 1:50

0 3 6 9 12 15 m
SCALE 1:150

Rev	By	Ckd	App	By	Description	Date
P02	A4	JT	BP	BC	FORM A VERSION	08/05/24
P01	S4	JT	BP	BC	DUAL PIPELINE OPTION + FILL UPSIZING	01/02/24

WARD & BURKE

Drawing Suitability: APPROVED FOR DETAILED DESIGN Status: A4

Contractors Drawing Number: HTR-WAB-PI-P1-DR-W-0005

Telephone: Havant (023) 9249 9888
Fax: Havant (023) 9245 3632
Website: www.portsmouthwater.co.uk
Registered Office: PO Box 8 West Street
Havant Hampshire PO9 1LG
REGISTERED IN ENGLAND No. 2536455



Date: 08/05/2024 Scale: AS SHOWN Sheet: 03 of 03 Sheet Size: A1

Project Title: HAVANT THICKET RESERVOIR

Drawing Title: SECTION P1
UNDER TRACK CROSSING
PLAN AND LONGSECTION

ALL DIMENSIONS ARE IN MILLIMETRES
UNLESS OTHERWISE STATED

Portsmouth Water Drawing Number: Rev: P02