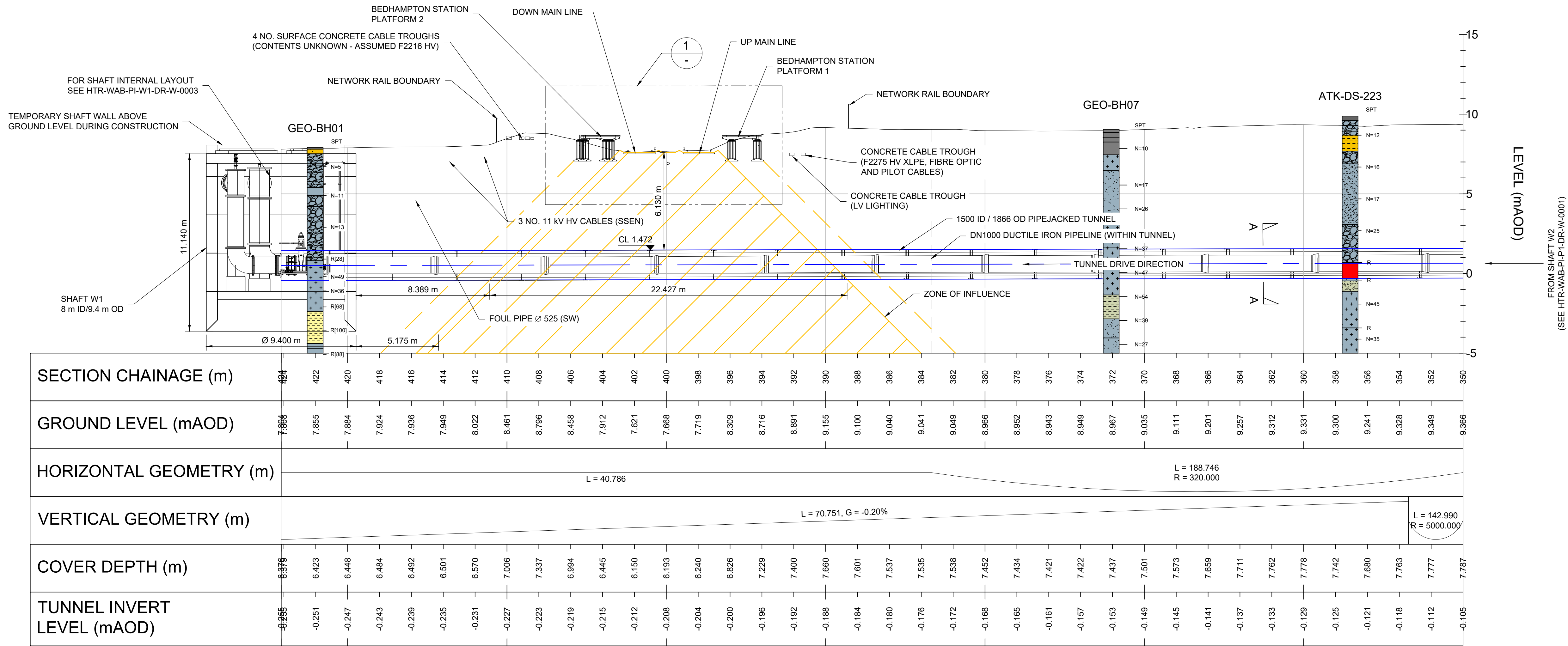
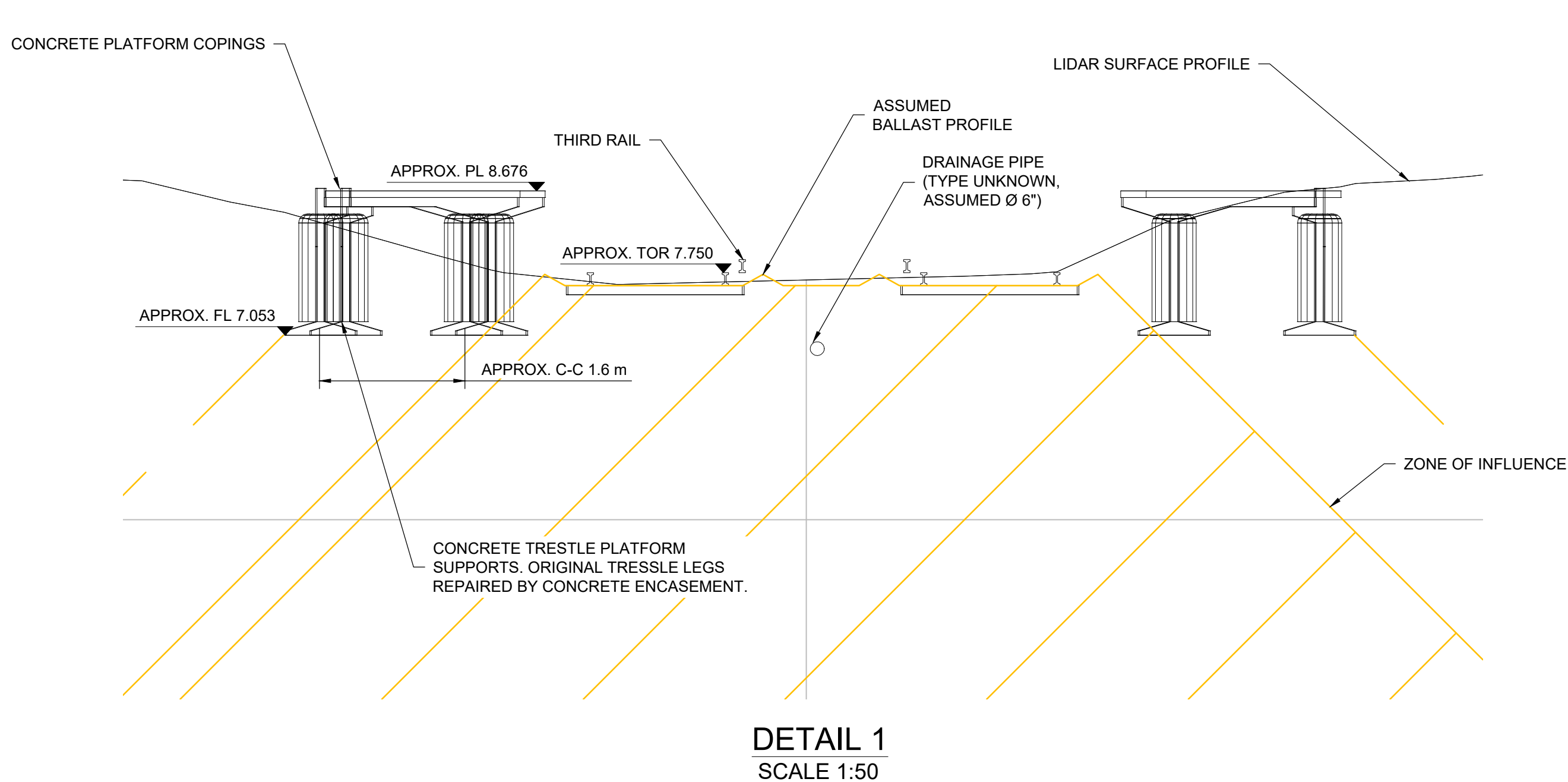




LONG SECTION
SCALE 1:150



DETAIL 1
SCALE 1:50

Notes:

- ALL LEVELS ARE IN METRES ABOVE ORDNANCE DATUM.
- TUNNEL IS TO BE CONSTRUCTED FROM SHAFT W2 (SEE HTR-WAB-PI-P1-DR-W-0001). 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 NOT SHOWN.
- 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-0005 FOR UTX RETURN TUNNEL SECTION DRAWING.

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

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

GEOTECHNICAL SECTIONS KEY

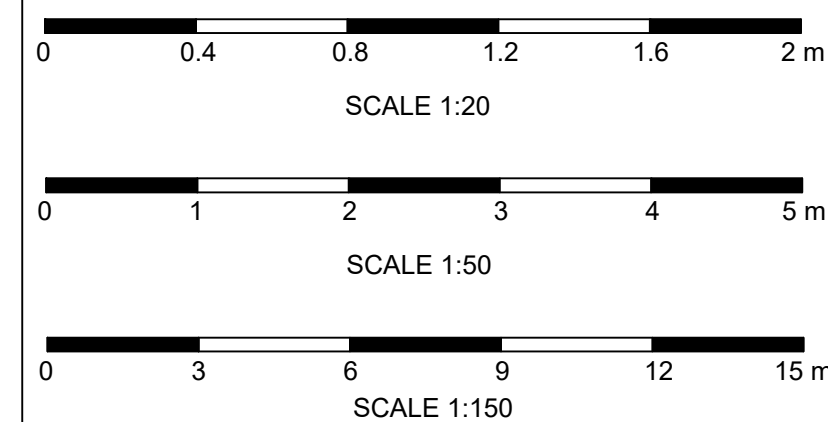
COLOUR = PRIMARY MATERIAL

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

PATTERN = SECONDARY MATERIAL

- 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.
- SPT N VALUES: R[X] = TEST REFUSAL, WITH X GIVING LINEARLY INTERPOLATED N VALUE.



P06 A4	JT	BP	BC	ADDITION OF GEO-BH07	19/09/24
P05 A4	JT	BP	BC	FORM A VERSION	08/05/24
P04 S4	JT	BP	BC	FILL PIPELINE UPSIZING	29/01/24
Rev	Dr	By	Ckd	App	By
				Description	Date



Drawing Suitability:	Status:
APPROVED FOR DETAILED DESIGN	A4
Contractors Drawing Number:	
HTR-WAB-PI-P1-DR-W-0004	

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Date:	Scale:	Sheet:	Sheet Size:
19/09/2024	AS SHOWN	02 of 03	A1

Project Title:
HAVANT THICKET RESERVOIR

Drawing Title:
SECTION P1
UNDER TRACK CROSSING
PLAN AND LONGSECTION

Portsmouth Water Drawing Number:	Rev:
	P06

ALL DIMENSIONS ARE IN MILLIMETRES
UNLESS OTHERWISE STATED