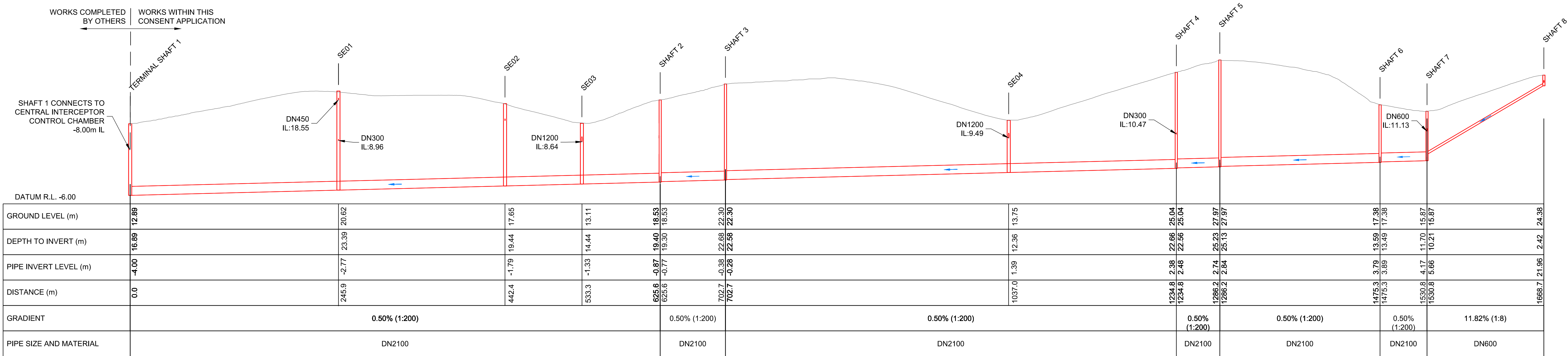


POTENTIAL MAXIMUM DEPTH FOR SHAFT 1 IS -8m IL SET BY CENTRAL INTERCEPTOR.



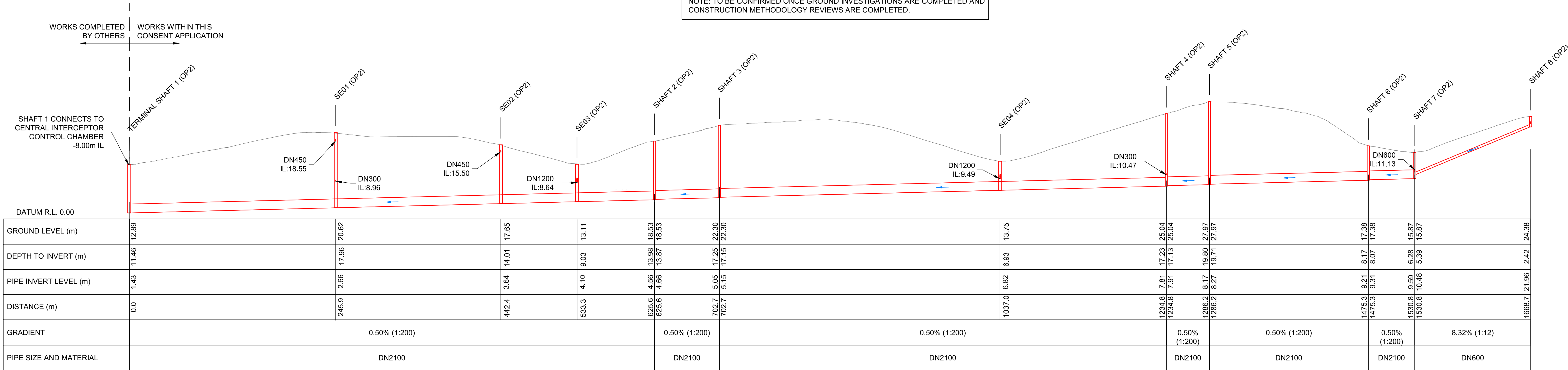
HERNE BAY SEWER TRUNK MAIN LONGITUDINAL SECTION

OPTION 1

SCALE 1:2500H 1:500V @ A1

OPTION 1 IS ASSUMED TO BE THE PROBABLE DEPTH OF HERNE BAY TRUNK SEWER BASED ON SET LEVELS FROM CENTRAL INTERCEPTOR TUNNELS AND VERTICAL SETBACK DISTANCE OF SHAFT 1 FROM THE 4.5m DIAMETER CI TUNNEL.

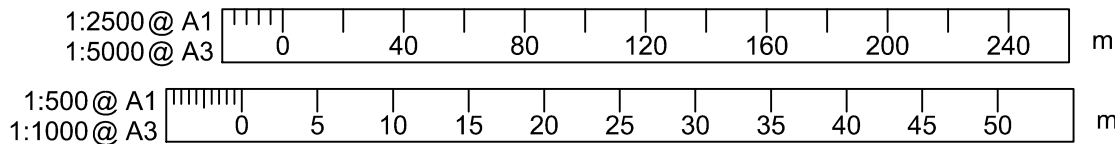
NOTE: TO BE CONFIRMED ONCE GROUND INVESTIGATIONS ARE COMPLETED AND CONSTRUCTION METHODOLOGY REVIEWS ARE COMPLETED.



HERNE BAY SEWER TRUNK MAIN LONGITUDINAL SECTION

OPTION 2

SCALE 1:2500H 1:500V @ A1




NOTES:

- REFER TO SHEET W-SL007.002 FOR PROPOSED TRUNK SEWER LONG SECTION
- COORDINATES ARE IN TERMS OF NEW ZEALAND TRANSVERSE MERCATOR 2000 CIRCUIT.
- LEVELS ARE IN TERMS OF METRES AUCKLAND 1946 LOCAL VERTICAL DATUM.
- DIMENSIONS / DISTANCE ARE IN METRES UNLESS STATED OTHERWISE.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.
- DESIGN AT CONCEPT STAGE AND SUBJECT TO CHANGE THROUGH DESIGN PROCESS.
- NO SURVEY OF THE EXISTING UTILITIES AND FEATURES HAVE BEEN CARRIED OUT.
- TUNNEL ALIGNMENT SHOWN WITH 2.5m WIDE CORRIDOR EITHER SIDE OF PROPOSED ALIGNMENT

OPTION 2 IS ASSUMED TO BE THE MINIMUM DEPTH OF HERNE BAY TRUNK SEWER BASED ON HYDRAULIC REQUIREMENTS TO CAPTURE EOP FLOWS.

NOTE: TO BE CONFIRMED ONCE GROUND INVESTIGATIONS AND SURVEY ARE COMPLETED AND AND CONSTRUCTION METHODOLOGY REVIEWS ARE COMPLETED.

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					DES. APPROVED	C. STOKES	10-23	
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					WSL DESIGN MGMT.	C. HEMI	-	
3	17.10.23	UPDATED ISSUE FOR CONSENT APPLICATION	FF	MK	WSL PROJ. LEAD	-	-	
2	20.06.23	FINAL ISSUED FOR CONSENT APPLICATION	GI	MK				
1	16.02.23	DRAFT ISSUED FOR CONSENT APPLICATION	GI	MK				
ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	

HERNE BAY TRUNK SEWER UPGRADE
MARINE PARADE TO PT ERIN
LONGITUDINAL SECTION – TRUNK SEWER

CAD FILE	W-SL007.002	DATE	17-10-2023
ORIGINAL SCALE	A1 1:2000	CONTRACT No.	1
REF. No.	W-SL007.01		
DWG. No.	W-SL007.002	ISSUE	3