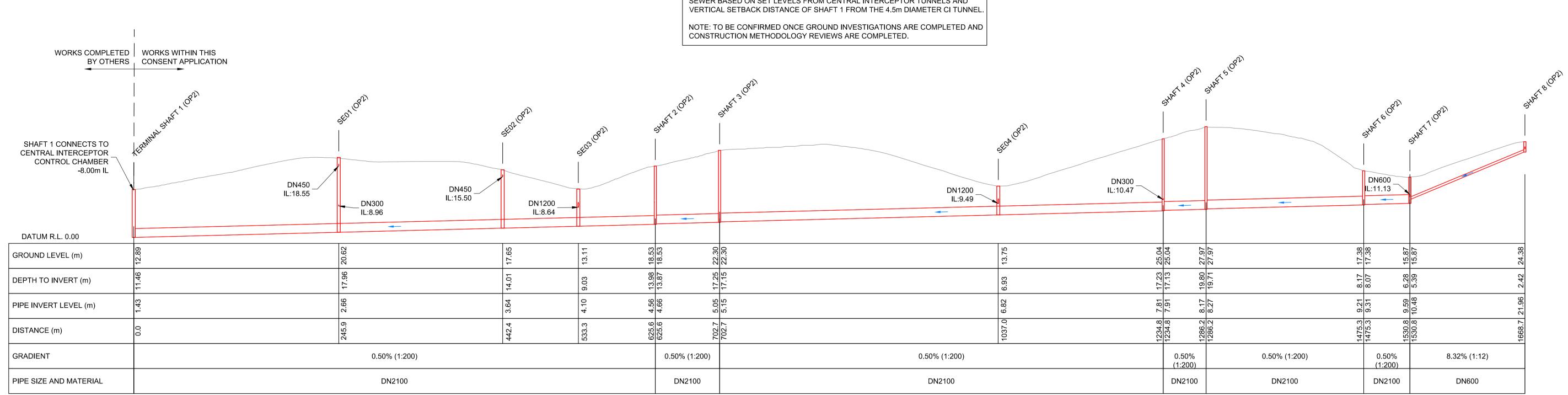
POTENTIAL MAXIMUM DEPTH FOR SHAFT 1 IS -8m IL SET BY CENTRAL INTERCEPTOR. WORKS COMPLETED | WORKS WITHIN THIS BY OTHERS | CONSENT APPLICATION SHAFT 1 CONNECTS TO CENTRAL INTERCEPTOR DN300 DN600 DN450 CONTROL CHAMBER IL:10.47 DN1200 IL:11.13 IL:18.55 -8.00m **I**L IL:9.49 DN300 DN1200 IL:8.64 L:8.96 DATUM R.L. -6.00 25.04 25.04 27.97 27.97 GROUND LEVEL (m) 22.66 22.56 DEPTH TO INVERT (m) PIPE INVERT LEVEL (m) DISTANCE (m) GRADIENT 0.50% (1:200) 0.50% (1:200) 0.50% (1:200) 0.50% 0.50% (1:200) 0.50% 11.82% (1:8) (1:200) (1:200) PIPE SIZE AND MATERIAL DN2100 DN2100 DN2100 DN2100 DN2100 DN2100 DN600 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.



## HERNE BAY SEWER TRUNK MAIN LONGITUDINAL SECTION

REFER TO SHEET W-SL007.002 FOR PROPOSED TRUNK SEWER LONG SECTION

- 2. COORDINATES ARE IN TERMS OF NEW ZEALAND TRANSVERSE MERCATOR 2000 CIRCUIT.
- 4. DIMENSIONS / DIST
- IT IS THE CONTRAC
- 6. DESIGN AT CONCEPT STAGE AND SUBJECT TO CHANGE THROUGH DESIGN PROCESS. 7. NO SURVEY OF THE EXISTING UTILITIES AND FEATURES HAVE BEEN CARRIED OUT.
- 8. TUNNEL ALIGNMENT SHOWN WITH 2.5m WIDE CORRIDOR EITHER SIDE OF PROPOSED ALIGNMENT

SEVER TRONK MAIN LONGITUDINAL SECTION	4.0500.00 A.4.
OPTION 2	1:2500@ A1
SCALE 1:2500H 1:500V @ A1	1:500@ A1

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

MPLETED

TERMS OF METRES AUCKLAND 1946 LOCAL VERTICAL DATUM.	NOTE, TO BE CONFIDMED ONCE COOLIND INVESTIGATIONS AND SUDVEY ARE COMPLE
ISTANCE ARE IN METRES UNLESS STATED OTHERWISE.	NOTE: TO BE CONFIRMED ONCE GROUND INVESTIGATIONS AND SURVEY ARE COMPLI
	AND AND CONSTRUCTION METHODOLOGY REVIEWS ARE COMPLETED.
RACTORS RESPONSIBILITY TO LOCATE ALL EXISTING SERVICES PRIOR TO CONSTRUCTION.	

ı									
						DESIGNED	G.IP	10-23	
						DES. APPROVED	C.STOKES	10-23	
						DRAWN	F. FAROOK	10-23	
	3	17.10.23	UPDATED ISSUE FOR CONSENT APPLICATION	FF	MK	DWG. APPROVED	M.KUDOIC	10-23	V
	2	20.06.23	FINAL ISSUED FOR CONSENT APPLICATION	GI	MK	WSL DESIGN MGMT.	C. HEMI	_	СО
	1	16.02.23	DRAFT ISSUED FOR CONSENT APPLICATION	GI	MK	WSL PROJ. LEAD	_	_	cond Wate
	ISSUE	DATE	AMENDMENT	BY	APPD.		BY	DATE	used

<b>Watercare</b>
COPYRIGHT — This drawing, the design concept, remain the exclusive property of Watercare Services Limited and may not be used without approval. Copyright reserved.

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				
W-SL007.	002 ISSUE 3			