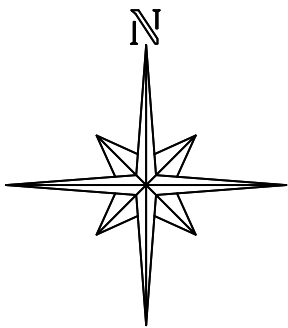
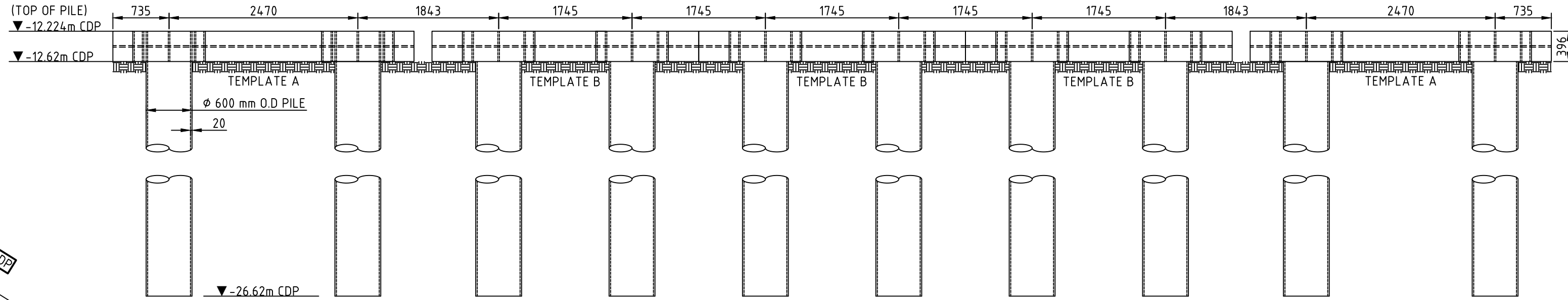


- NOTES:**
- DREDGING IS TO PROCEED TO THE REQUIRED DEPTH IN STAGES SUCH THAT ONE STRUT OR TEMPLATE IS PLACED AND SECURED AT A TIME.
 - AS BUILT SHEET PILE WALL WIDTH MAY VARY ALONG THE LENGTH.
 - STRUTS ARE TO BE PLACED IN LINE WITH THE NEXT. GROUT SHALL BE USED TO MAKE UP THE DIFFERENCE BETWEEN THE SHEET PILE WALL AND THE STRUT AS INDICATED.
 - PIILING GUIDES ON THE TEMPLATES ARE TO BE GROUTED UP AFTER THE INSTALLATION OF THE PILES. THIS INCLUDES THE ANNULUS AROUND THE PILE AND THE GUIDE.
 - STRUTS MAY NEED TO BE INCLINED DURING THE LOWERING PROCEDURE TO FIT IN BETWEEN THE SHEET PILE WALL CAPPING BEAMS.
 - GROUT SHALL HAVE A 28DAY COMPRESSIVE STRENGTH OF 20MPA.

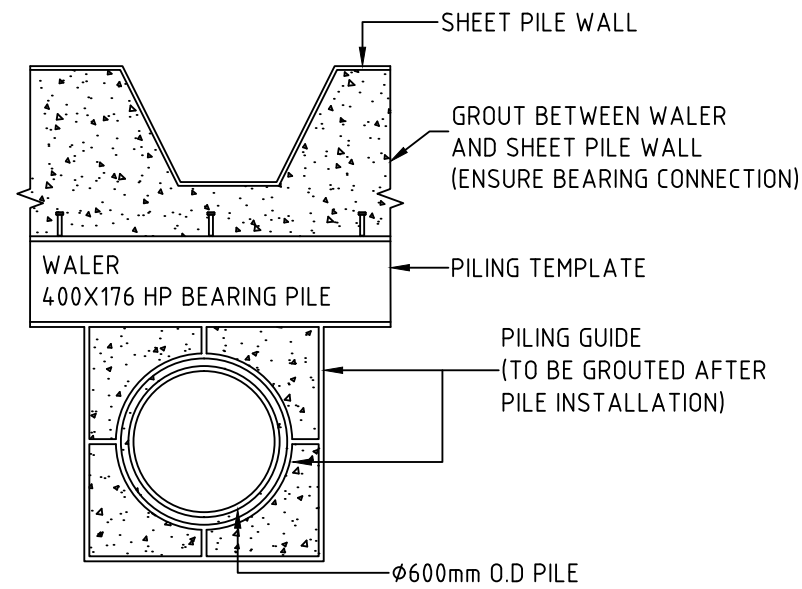


DO NOT SCALE - IF IN DOUBT, ASK

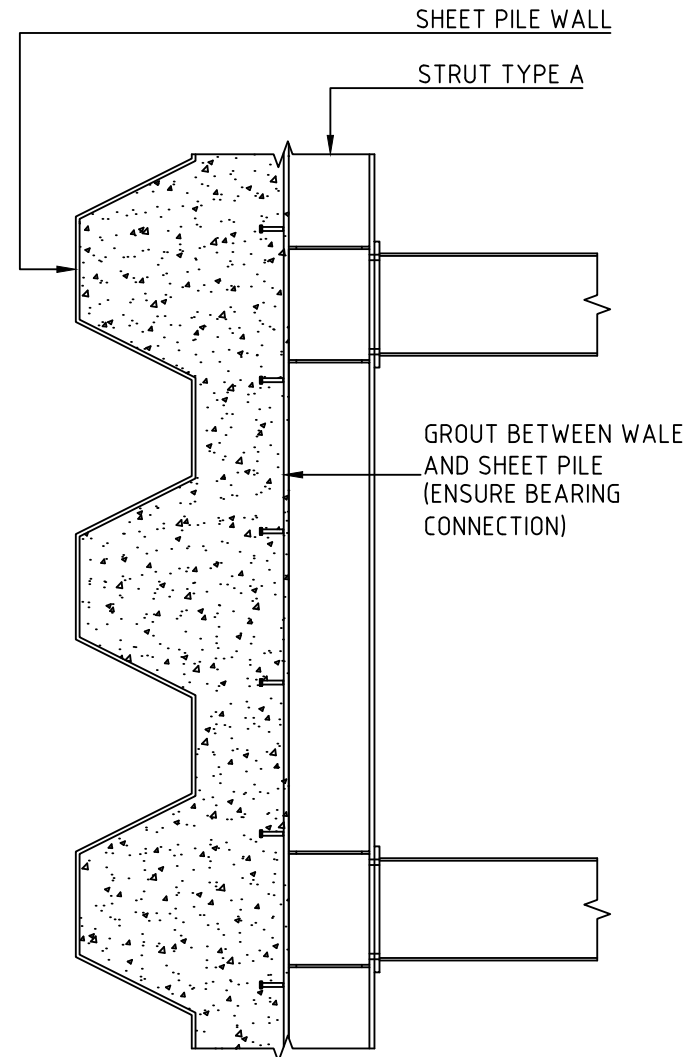


SECTION A
1:50

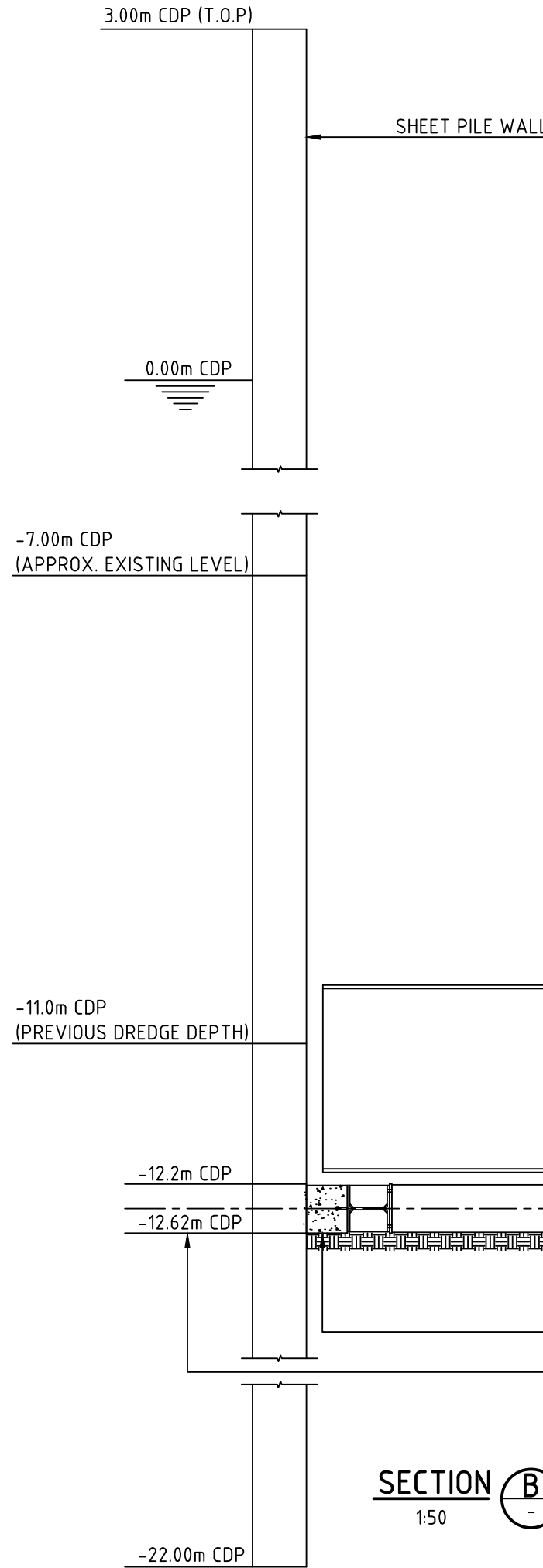
SHEET PILE NOT SHOWN FOR CLARITY



DETAIL 1
1:30



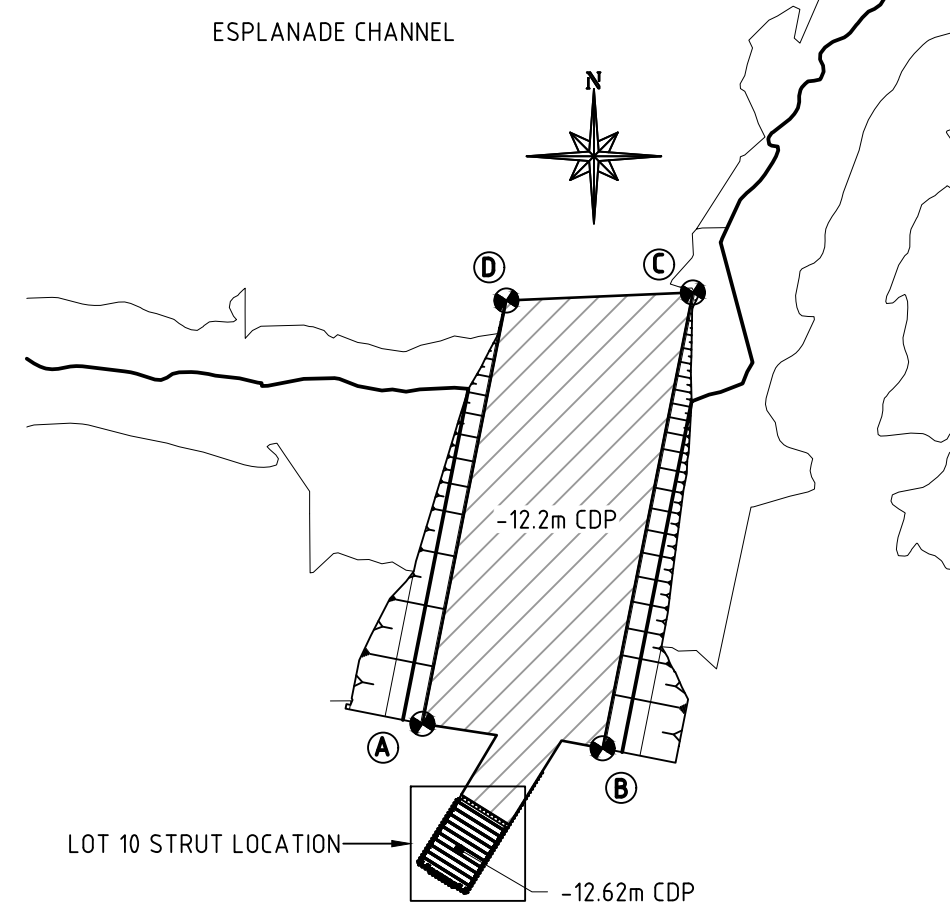
DETAIL 2
1:30



SECTION B
1:50

VOLUME TO BE DREDGED: 45 655 m³

SETTING OUT (WG31)	
X	Y
A 3307636.575	-431.408
B 3307644.661	-490.972
C 3307493.925	-520.822
D 3307496.575	-459.177



PLAN SHOWING DREDGING LAYOUT FOR LOT 10 DEEPENING
1:2500

PLAN: LOT 10 STRUT LAYOUT
1:75

		Engineers										EPCM CONSULTANT: TNPA		ORIGINATOR: ZAA		Transnet National Ports Authority	
														TITLE		237 MAHATMA GANDHI ROAD	
														LEAD DES. ENG.		DURBAN	
														ENG. COORD.		P.O. BOX 31683, DURBAN	
														ENG. MANAGER		TEL: 031 361 8852	
														ENG. COORD.		PORT OF DURBAN	
														DISCIP. ENG.			
														AREA MANAGER		DCT BERTHS 203 to 205 RECONSTRUCTION	
														PROJECT MGR.		DEEPENING AND LENGTHENING	
														DIVISION		DREDGING AND RECLAMATION	
														DIV. TITLE NAME SIGNATURE DATE		LOT 10 DEEPENING WORKS	
														PR.ENG. / PR.TECH.		PLAN, SECTIONS & DETAILS	
														NAME J. ZIETSMAN		DATE	
														SIGNATURE		19/07/26	
														REG. NUMBER 760293			
														SCALE :		OR AS NOTED A1	
																PROJECT NUMBER DV FBS DIS TYPE DRG NO. SHT. REV. ID	
																212283011020CGA110101010A DM	