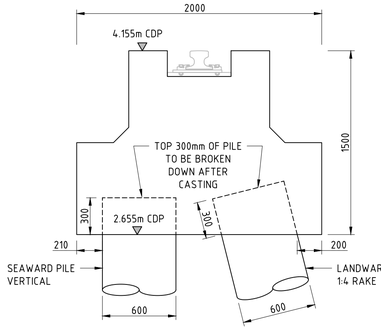
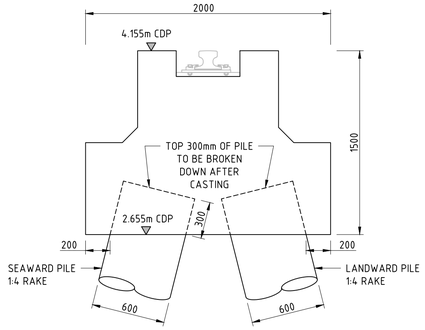
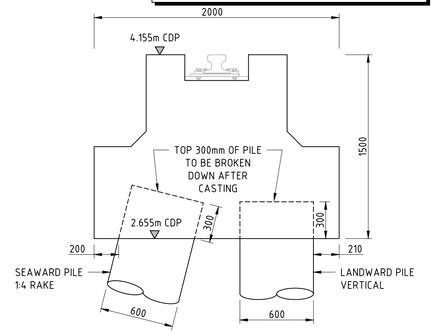
DO NOT SCALE - IF IN DOUBT, ASK



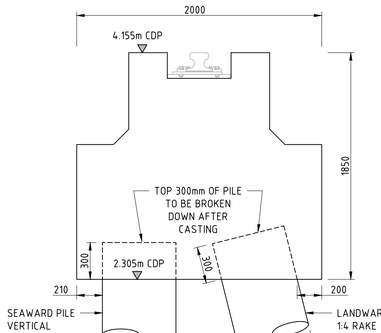
SECTION A 001
1:20



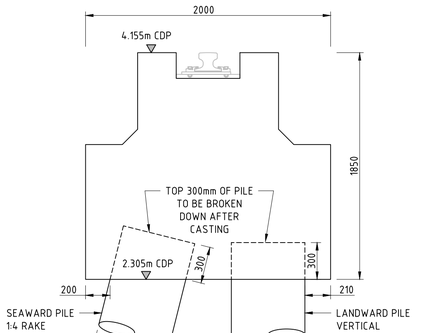
SECTION B 001
1:20



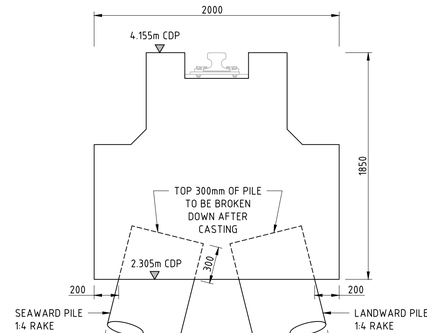
SECTION C 001
1:20



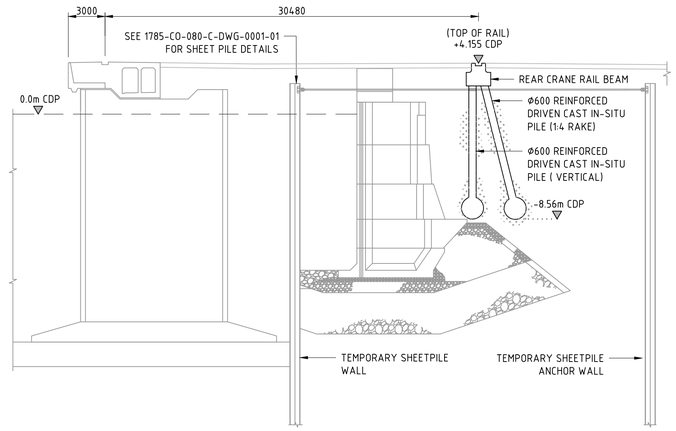
SECTION E 003
1:20



SECTION F 003
1:20



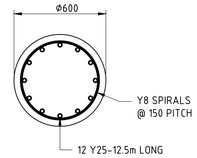
SECTION G 003
1:20



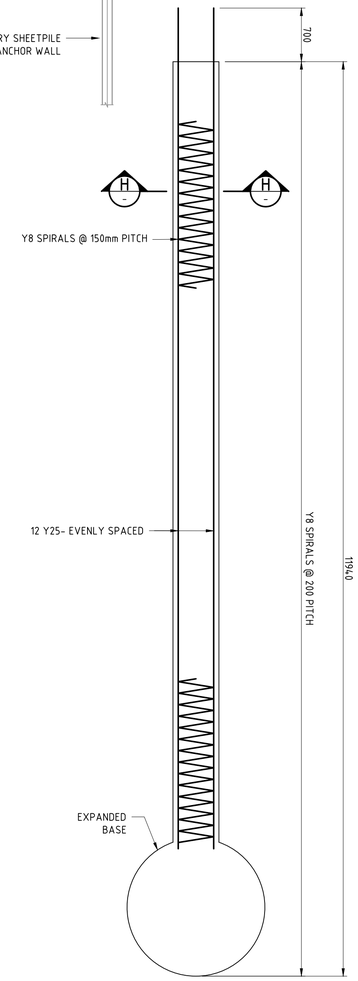
SECTION OF PILE GROUPS 323-336 IN EXISTING FILL
1:250

NOTES:

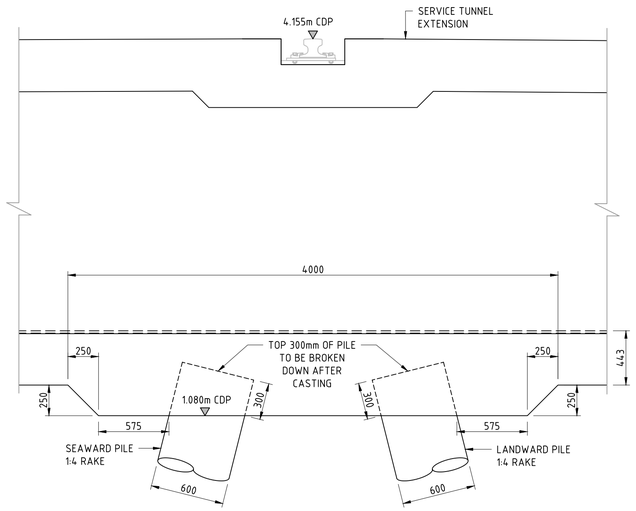
1. UNFACTORED WORKING LOADS ON DRIVEN CAST IN-SITU PILES ARE:
   - AXIAL COMPRESSIVE LOAD = 1500 kN
   - MAXIMUM PERMISSIBLE AXIAL DEFLECTION UNDER 1.5 x WORKING LOAD = 20mm
2. SECTION A APPLIES TO PILE GROUPS 1 & 2
3. SECTION B APPLIES TO PILE GROUPS 3-42, 45-318, & 321-322
4. SECTION C APPLIES TO PILE GROUPS 43-44, & 319-320
5. SECTION D APPLIES TO PILE GROUPS 323-328.
6. SECTION E APPLIES TO PILE GROUPS 329-336
7. SECTION F APPLIES TO PILE GROUPS 337 & 341
8. SECTION G APPLIES TO PILE GROUPS 338-340



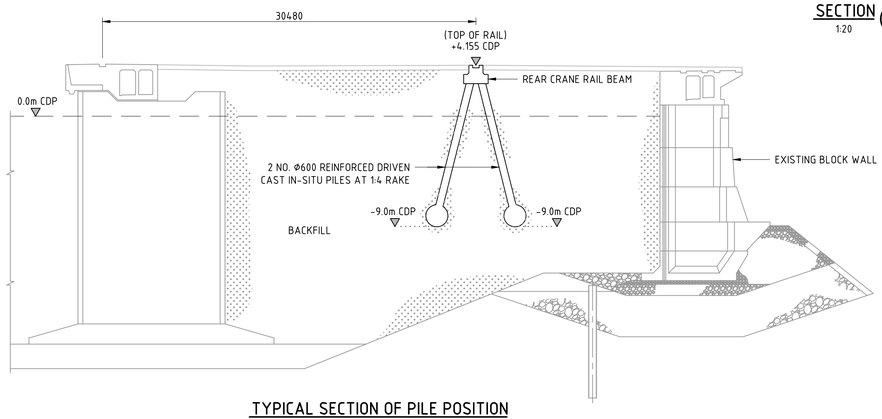
SECTION H -
1:20



ELEVATION: DRIVEN CAST IN-SITU PILE REINFORCEMENT
1:40



SECTION D 003
1:20



TYPICAL SECTION OF PILE POSITION
1:250

DRAWING NO.	REFERENCE
1785-CO-100-C-DWG-0001	REAR CRANE RAIL PILES PHASE 1 (BERTH 205)
1785-CO-100-C-DWG-0002	REAR CRANE RAIL PILES PHASE 2 (BERTH 204)
1785-CO-100-C-DWG-0003	REAR CRANE RAIL PILES PHASE 3 (BERTH 203)
1785-CO-100-C-SCH-0004-01	BENDING SCHEDULE

REFERENCE DRAWINGS

Engineers

ZAA ENGINEERING PROJECTS & NAVAL ARCHITECTS

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Fax: +27(21) 790 4470

PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	CO	100	C	DWG	0004	01	T	0A

NO.	DESCRIPTION	BY	CHK'D	APP'D	DATE
0A	ISSUED FOR TENDER	DC	MC	JZ	2019.07.26

REVISIONS / ISSUE AUTHORIZATION

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EPCM CONSULTANT: TNPA

TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.			
ENG. COORD.			
ENG. MANAGER			
AREA MANAGER			
PROJECT MGR.			

DIVISION

DIV.	TITLE	NAME	SIGNATURE	DATE

ORIGINATOR: ZAA

TITLE	NAME	SIGNATURE	DATE
DRAWN	DC	DC	19/07/26
CHECKED	MC	MC	19/07/26
ENG. COORD.			
DISCIP. ENG.			
ENG. MANAGER			
AREA MANAGER			

PR.ENG. / PR.TECH.

NAME	DATE
J. ZIETSMAN	19/07/26

SIGNATURE

REG. NUMBER 760293

SCALE : AS NOTED A1

Transnet National Ports Authority
237 MAHATMA GANDHI ROAD
DURBAN
P.O. BOX 31683, DURBAN
TEL: 031 361 8852

PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING

REAR CRANE RAIL PILES DETAILS

PROJECT NUMBER	DV	FBS	DIS	TYPE	DRG NO.	SHT.	REV.	ID
2122830	1	100	C	GA	1003	01	0A	DC