NOTE: THE WORD 'PHASE' REFERS TO 'SECTION' AS DEFINED IN THE WORKS INFORMATION.

DO NOT SCALE - IF IN DOUBT, ASK

NOTE:

1. THE FOUNDATION STONE BED PLACED BELOW THE CAISSONS HAS NOT BEEN SHOWN IN THE PLANS FOR CLARITY. FOR DETAILS SEE:
   - 1785-C0-030-C-DWG-0002
2. RIGID INCLUSIONS ARE TO BE STEEL FIBER REINFORCED CONCRETE WITH A 28 DAY CUBE STRENGTH OF 45 MPa. REFER TO SPECIFICATION 1785-CO-000-C-SPC-0001 FOR DETAILS.
3. RIGID INCLUSIONS ARE TO BE Φ750mm.
4. FINAL RIGID INCLUSION TERMINATION LEVEL TO BE CONFIRMED BY SUPERVISOR IN CONSULTATION WITH THE CONTRACTOR.
5. SURVEY CO-ORDINATES SYSTEM : WG31.

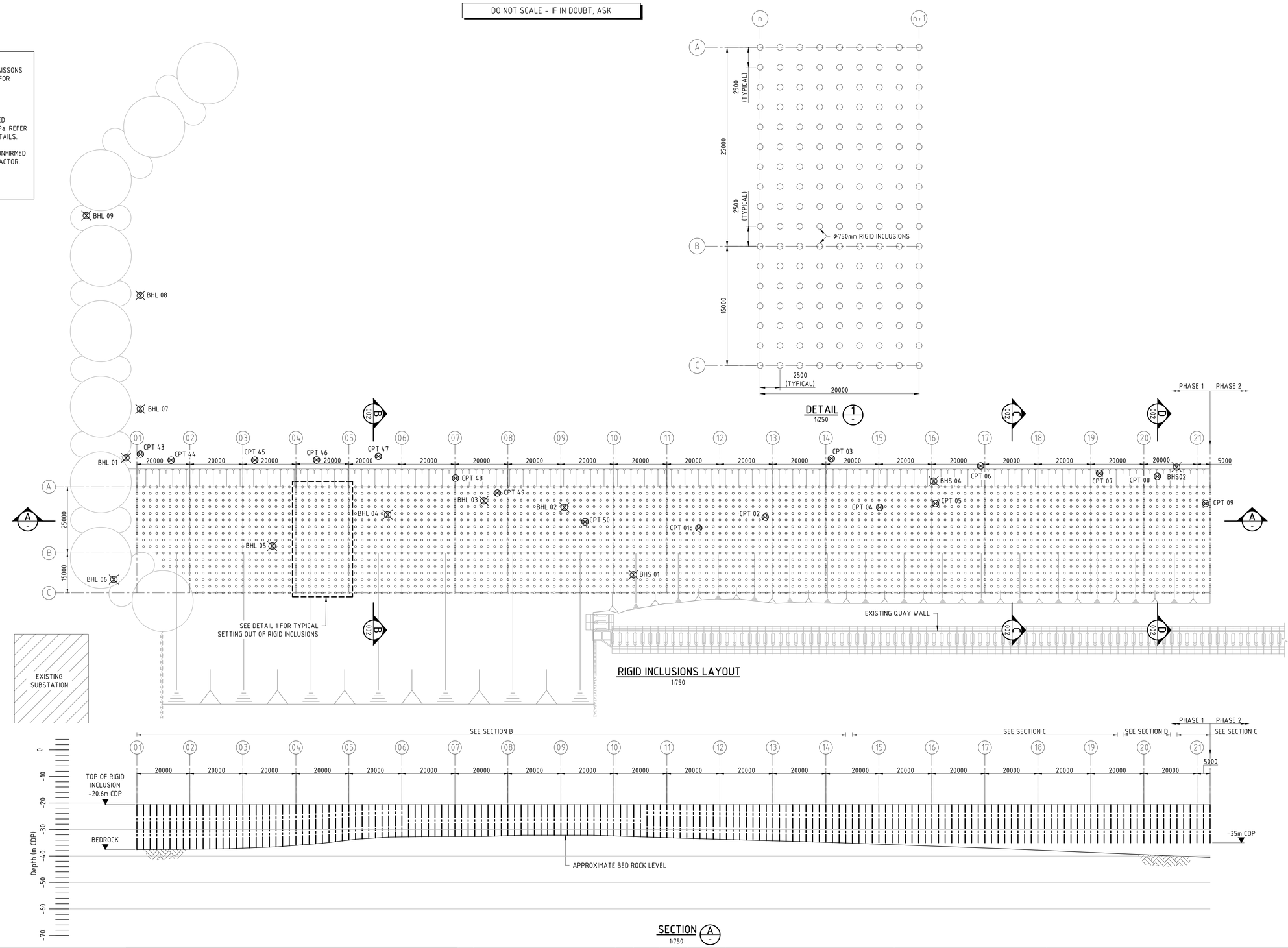
PHASE 1 SETTING OUT (WG31)		
GRID	X	Y
A01	3306788.603	−1173.225
A21	3306700.180	−1563.329
B02	3306808.563	−1198.256
B21	3306724.561	−1568.855
C03	3306818.771	−1221.077
C21	3306739.190	−1572.171

KEY

CPT POSITION ⊗

BOREHOLE POSITION ⊠

SEE SITE INFORMATION FOR THE RELEVANT LOGS



DETAIL 1 1:250

RIGID INCLUSIONS LAYOUT 1:750

SECTION A 1:750

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				ORIGINATOR: ZAA			
TITLE	NAME	SIGNATURE	DATE	TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.				DRAWN	DC	DC	19 07 26
ENG. COORD.				CHECKED	MC	MC	19 07 26
ENG. MANAGER				ENG. COORD.			
AREA MANAGER				DISCIP. ENG.			
PROJECT MGR.				ENG. MANAGER			
DIVISION				AREA MANAGER			
DIV.	TITLE	NAME	SIGNATURE DATE				
				PR.ENG. / PR.TECH.			
				NAME	J. ZIETSMAN		DATE
				SIGNATURE			19 07 26
				REG. NUMBER	760293		
				SCALE :		OR AS NOTED	A1

Transnet National Ports Authority
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PORT OF DURBAN

DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING

GROUND IMPROVEMENT RIGID INCLUSIONS PHASE 1 (BERTH 205)

1785-CO-030-C-DWG-0002-01	GROUND IMPROVEMENT RIGID INCLUSIONS DETAILS
DRAWING NO.	REFERENCE

REFERENCE DRAWINGS

PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	CO	030	C	DWG	0001	01	T	0A

PROJECT NUMBER	DV	FBS	DIS.	TYPE	DRG. NO.	SHT.	REV.	ID
2122830	1	030	C	GA	1000	01	0A	DC