

DO NOT SCALE - IF IN DOUBT, ASK

DEVELOPED ELEVATION OF STEEL CAISSONS ALONG LINES A, B, C & D

1:400

PLAN OF NEW STEEL CAISSONS

1:600

SECTION A

1:150

STEEL CAISSON CUT-OUT POSITIONS

POSITION OF CUT		CUT LENGTH	DESCRIPTION	LEVEL OF CUT-OUT	TOP LEVEL OF STEEL CAISSON
ARC CELL ANTI-CLOCKWISE FROM JP25 : 11.45m		3.65m	SERVICE TUNNEL	1300m CDP	3.00m CDP
MAIN CELL ANTI-CLOCKWISE FROM JP25 : 3.75m		7.54m	SERVICE TUNNEL	1300m CDP	3.00m CDP
ARC CELL CLOCKWISE FROM JP26 : 3.32m		4.73m	SERVICE TUNNEL	1300m CDP	3.00m CDP
MAIN CELL CLOCKWISE FROM JP29 : 22.08m		6.15m	SERVICE TUNNEL	1300m CDP	3.00m CDP
MAIN CELL CLOCKWISE FROM JP32 : 16.85m		2.50m	CRANE BEAM	2.655m CDP	3.00m CDP
MAIN CELL ANTI-CLOCKWISE FROM JP32 : 8.80m		1.50m	CRANE BEAM	2.655m CDP	3.00m CDP
MAIN CELL CLOCKWISE FROM JP28 : 5.05m		1.26m	SLOT DRAIN	2.890m CDP	3.00m CDP
ARC CELL ANTI-CLOCKWISE FROM JP32 : 6.35m		1.250m DIAMETER	STORM WATER PIPE	0.121m CDP**	3.00m CDP
MAIN CELL ANTI-CLOCKWISE FROM JP32 : 0.32m		1.250m DIAMETER	STORM WATER PIPE	0.121m CDP**	3.00m CDP
MAIN CELL CLOCKWISE FROM JP33 : 4.34m		1.250m DIAMETER	STORM WATER PIPE	0.121m CDP**	3.00m CDP

** DEPTH REFERS TO CENTRE POINT OF CUT OUT

JUNCTION PILE #	TYPE:
JP1	A
JP2	B
JP3	C
JP4	D
JP5	A
JP6	B
JP7	C
JP8	D
JP9	A
JP10	B
JP11	C
JP12	D
JP13	A
JP14	B
JP15	C
JP16	D

JP17	A
JP18	B
JP19	C
JP20	D
JP21	A
JP22	B
JP23	C
JP24	D
JP25	A
JP26	B
JP27	C
JP28	D
JP29	A
JP30	B
JP31	C
JP32	D
JP33	SPECIAL

MAIN CELL SETTING OUT COORDINATES	WGS84 Lo31	
	Position X	Position Y
C1	3306630.5711	-1164.7598
C2	3306654.6704	-1149.5643
C3	3306678.7697	-1134.3687
C4	3306706.5549	-1140.6666
C5	3306734.3400	-1146.9645
C6	3306762.1252	-1153.2624
C7	3306789.9104	-1159.5603
C8	3306817.6956	-1165.8582
C9	3306828.4736	-1192.2308

1785-CO-070-C-DWG-0002-01	RETURN QUAY DETAILS SHEET 1
1785-CO-060-C-DWG-0001-01	CAISSON SETTING OUT PHASE 1
1785-CO-000-C-DWG-0004-01	SITE PLAN QUAY WALL BERTHS 203-205 G.A
DRAWING NO.	REFERENCE

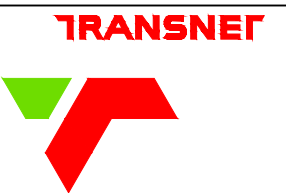
REFERENCE DRAWINGS

Engineers	
	
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PROJECT NO	DIS CODE	AREA	DISP	TYPE	DRG NO	SHEET	STATUS	REV
1785	C0	070	C	DWG	0001	01	T	0A

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EPCM CONSULTANT: TNPA				ORIGINATOR: ZAA			
TITLE	NAME	SIGNATURE	DATE	TITLE	NAME	SIGNATURE	DATE
LEAD DES. ENG.				DRAWN	DM		19/07/26
ENG. COORD.				CHECKED	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 :		

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		RETURN QUAY GENERAL ARRANGEMENT	
PROJECT NUMBER	DV	FBS	DIS
2122830	1	070	C
DRG. NO.	SHT.	REV.	ID
GA-1000	01	0A	DM