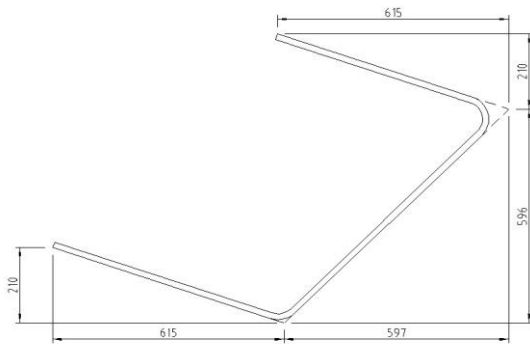


RETURN QUAY CAPPING BEAM

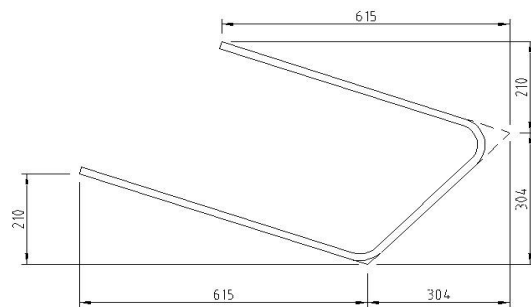
Member	No of Mbrs	No in Each	Y or R	Dia Size	Bar Mark	Total No	Cut Length	Mass kg	Shape Code	Dimensions to SABS 82				
										A	B	C	D	E or R
MAIN CELL	7	128	Y	25	CB01	896	13 000,0	44884	65	13000				11930
	7	56	Y	25	CB02	392	13 000,0	19637	65	13000				11640
	7	84	Y	25	CB03	588	13 000,0	29455	65	13000				11420
	7	198	Y	25	CB04	1386	13 000,0	69430	65	13000				11130
	7	64	Y	25	CB10	448	10 000,0	17263	65	10000				11930
	7	64	Y	25	CB11	448	3 000,0	5179	65	3000				11930
	7	24	Y	25	CB12	168	10 000,0	6474	65	10000				11640
	7	24	Y	25	CB13	168	3 000,0	1942	65	3000				11640
	7	960	Y	16	CB14	6720	9 250,0	98109	52	4180	340	4600	250	
	7	960	Y	16	CB18	6720	1 400,0	14849	38	300	850	300		
MAIN CELL RECESS	1	52	Y	16	CB18	52	1 400,0	115	38	300	850	300		
	1	14	Y	16	CB74	14	0,0	0	99	SEE FIGURE BELOW				
	1	12	Y	16	CB75	12	0,0	0	99	SEE FIGURE BELOW				
	1	14	Y	16	CB76	14	2 000,0	44	38	650	770	650		
	1	12	Y	16	CB77	12	1 500,0	28	38	650	280	650		
ARC CELL	12	33	Y	25	CB05	396	13 000,0	19837	65	13000				5200
	12	14	Y	25	CB06	168	13 000,0	8416	65	13000				4910
	12	14	Y	25	CB07	168	13 000,0	8416	65	13000				4690
	12	33	Y	25	CB08	396	13 000,0	19837	65	13000				4400
	12	33	Y	25	CB14	396	4 000,0	6104	65	4000				5200
	12	14	Y	25	CB15	168	4 000,0	2590	65	4000				4910
	12	14	Y	25	CB16	168	4 500,0	2913	65	4500				4690
	12	33	Y	25	CB17	396	5 000,0	7630	65	5000				4400
	12	168	Y	16	CB14	2016	9 250,0	29433	52	4180	340	4600	250	
	12	168	Y	16	CB18	2016	1 400,0	4455	38	300	850	300		
CHAMFERS	24	2	Y	16	CB19a	48	5 650,0	428	52	250	400	4600	500	
	24	3	Y	16	CB19b	72	5 850,0	665	52	250	500	4600	600	
	24	3	Y	16	CB19c	72	6 050,0	688	52	250	600	4600	700	
	24	2	Y	16	CB19d	48	6 250,0	474	52	250	700	4600	800	
	24	3	Y	16	CB19e	72	6 450,0	733	52	250	800	4600	900	
	24	2	Y	16	CB19f	48	6 650,0	504	52	250	900	4600	1000	
	24	3	Y	16	CB19g	72	6 850,0	778	52	250	1000	4600	1100	
	24	2	Y	16	CB19h	48	7 050,0	534	52	250	1100	4600	1200	
	24	1	Y	16	CB19i	24	7 250,0	275	52	250	1200	4600	1300	
	24	1	Y	16	CB19j	24	7 450,0	282	52	250	1300	4600	1400	
	24	1	Y	16	CB19k	24	7 650,0	290	52	250	1400	4600	1500	
	24	32	Y	25	CB20	768	4 450,0	13169	20	4450				
	24	32	Y	25	CB21	768	3 000,0	8878	20	3000				
CAPPING BEAM STUB	1	1	Y	25	CB22	1	6 850,0	26	55	2000	1100	1950	595	1500
	1	1	Y	25	CB23	1	7 050,0	27	55	2000	1180	1950	675	1500
	1	1	Y	25	CB24	1	7 150,0	28	55	2000	1250	1950	745	1500
	1	1	Y	25	CB25	1	7 350,0	28	55	2000	1340	1950	835	1500
	1	1	Y	25	CB26	1	7 500,0	29	55	2000	1420	1950	915	1500
	1	1	Y	25	CB27	1	7 650,0	30	55	2000	1500	1950	995	1500
	1	1	Y	25	CB28	1	7 850,0	30	55	2000	1600	1950	1095	1500
	1	1	Y	25	CB29	1	8 050,0	31	55	2000	1700	1950	1195	1500
	1	1	Y	25	CB30	1	8 250,0	32	55	2000	1790	1950	1285	1500
	1	1	Y	25	CB31	1	8 450,0	33	55	2000	1890	1950	1385	1500
	1	1	Y	25	CB32	1	8 650,0	33	55	2000	2000	1950	1495	1500
	1	1	Y	25	CB33	1	8 900,0	34	55	2000	2110	1950	1605	1500
	1	1	Y	25	CB34	1	9 100,0	35	55	2000	2220	1950	1715	1500
	1	1	Y	25	CB35	1	9 350,0	36	55	2000	2340	1950	1835	1500
	1	1	Y	25	CB36	1	9 600,0	37	55	2000	2470	1950	1965	1500
	1	1	Y	25	CB37	1	9 850,0	38	55	2000	2600	1950	2095	1500
	1	1	Y	25	CB38	1	10 100,0	39	55	2000	2720	1950	2215	1500
	1	1	Y	25	CB39	1	10 400,0	40	55	2000	2860	1950	2355	1500
	1	1	Y	25	CB40	1	10 650,0	41	55	2000	3000	1950	2495	1500
	1	1	Y	25	CB41	1	10 950,0	42	55	2000	3150	1950	2645	1500
	1	1	Y	25	CB42	1	11 250,0	43	55	2000	3300	1950	2795	1500
	1	1	Y	25	CB43	1	11 600,0	45	55	2000	3470	1950	2965	1500
	1	1	Y	25	CB44	1	11 650,0	45	55	2000	3500	1950	2995	1500
	1	1	Y	25	CB45	1	11 250,0	43	55	2000	3280	1950	2775	1500
	1	1	Y	25	CB46	1	10 800,0	42	55	2000	3070	1950	2565	1500
	1	1	Y	25	CB47	1	10 400,0	40	55	2000	2870	1950	2365	1500

RETURN QUAY CAPPING BEAM

Member	No of Mbrs	No in Each	Y or R	Dia Size	Bar Mark	Total No	Cut Length	Mass kg	Shape Code	Dimensions to SABS 82				
										A	B	C	D	E or R
	1	1	Y	25	CB48	1	10 000,0	39	55	2000	2670	1950	2165	1500
	1	1	Y	25	CB49	1	9 650,0	37	55	2000	2490	1950	1985	1500
	1	1	Y	25	CB50	1	9 250,0	36	55	2000	2300	1950	1795	1500
	1	1	Y	25	CB51	1	8 950,0	35	55	2000	2140	1950	1635	1500
	1	1	Y	25	CB52	1	8 600,0	33	55	2000	1970	1950	1465	1500
	1	1	Y	25	CB53	1	8 300,0	32	55	2000	1810	1950	1305	1500
	1	1	Y	25	CB54	1	8 000,0	31	55	2000	1660	1950	1155	1500
	1	1	Y	25	CB55	1	7 700,0	30	55	2000	1510	1950	1005	1500
	1	1	Y	25	CB56	1	7 400,0	29	55	2000	1370	1950	865	1500
	1	1	Y	25	CB57	1	7 150,0	28	55	2000	1240	1950	735	1500
	1	1	Y	25	CB58	1	8 150,0	31	38	1450	5370	1450		
	1	1	Y	25	CB59	1	7 700,0	30	38	1450	4950	1450		
	1	1	Y	25	CB60	1	7 300,0	28	38	1450	4550	1450		
	1	1	Y	25	CB61	1	6 900,0	27	38	1450	4130	1450		
	1	1	Y	25	CB62	1	6 500,0	25	38	1450	3710	1450		
	1	1	Y	25	CB63	1	6 050,0	23	38	1450	3300	1450		
	1	1	Y	25	CB64	1	5 650,0	22	38	1450	2890	1450		
	1	1	Y	25	CB65	1	5 250,0	20	38	1450	2470	1450		
	1	1	Y	25	CB66	1	4 800,0	19	38	1450	2050	1450		
	1	1	Y	25	CB67	1	4 400,0	17	38	1450	1640	1450		
	1	1	Y	25	CB68	1	4 000,0	15	38	1450	1230	1450		
	1	1	Y	25	CB69	1	3 600,0	14	38	1450	810	1450		
	1	1	Y	25	CB70	1	4 450,0	17	38	1350	1900	1350		
	1	1	Y	25	CB71	1	4 250,0	16	38	1220	1900	1220		
	1	29	Y	16	CB72	29	2 300,0	105	85	200	1950	128	128	
	1	12	Y	16	CB73	12	10 150,0	192	38	390	5200	4600		



Y16 CB74



Y16 CB75

Engineers



ORIGINATOR: ZAA

Date: 2019.07.26

Compiled: DM

Checked: MC

Approved: J ZIETSMAN Pr Eng

Signed:

MILD
STEEL

R8	0
R10	0
R12	0
R16	0
R20	0
R32	0

TOTAL R BARS = 0 kg

HIGH
YIELD
STEEL

Y10	0
Y12	0
Y16	152 981
Y20	0
Y25	293 612
Y32	0

TOTAL Y BARS = 446 592 kg

TRANSNET



Transnet National Ports Authority

Date:

Name:

Signed:

ZAA SCHEDULE No.

1785-CO-070-C-SCH-0004-01 T0A

DCT BERTHS 203 to 205 RECONSTRUCTION
DEEPENING AND LENGTHENING

TNPA SCHEDULE No.

2122830-1-070-C-SC-1003-01 T0A

ZAA REFERENCE DRAWING

1785-CO-070-C-DWG-0004-01/02

TITLE

REINFORCEMENT SCHEDULE
RETURN QUAY CAPPING BEAM

TNPA REFERENCE DRAWING

2122830-1-070-C-GA-1003-01/02