

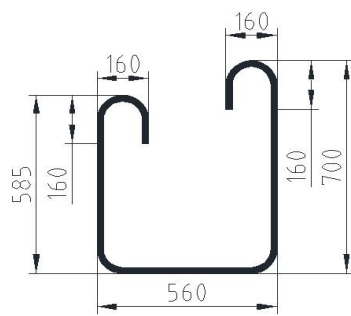
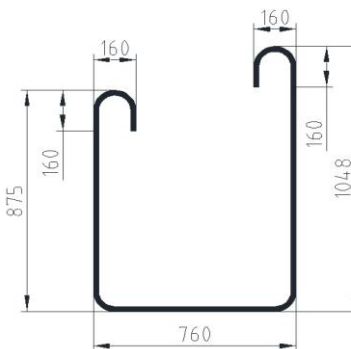
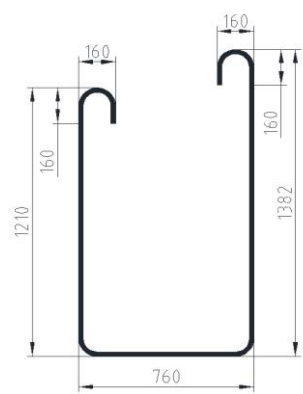


CAISSON TYPE 1 BASE

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
TYPE 1 CAISSON BASE	65	168	Y	20	TTB01A	10920	3 650,0	98296	45	1200	395	2100	1160	
	65	166	Y	20	TTB01B	10790	2 850,0	75838	45	1200	395	1300	1160	
	65	334	Y	32	TB01A	21710	6 450,0	884055	20	6450				
	65	167	Y	32	TB01B	10855	6 200,0	424894	20	6200				
	65	84	Y	25	TB02A	5460	6 500,0	136756	20	6500				
	65	84	Y	25	TT01A	5460	10 200,0	214601	20	10200				
	65	84	Y	25	TT02A	5460	6 500,0	136756	62	3750	1050	2750		
	65	84	Y	25	TT02B	5460	4 850,0	102041	62	3750	1050	1100		
	65	4	Y	16	L01	260	10 300,0	4227	34	10150				
	65	4	Y	16	L02	260	9 100,0	3734	34	8950				
	65	4	Y	16	L03	260	7 950,0	3262	34	7790				
	65	26	Y	25	ST01	1690	4 450,0	28979	83	800	1455	400	400	
	65	66	Y	20	SR01A	4290	2 300,0	24334	99	SEE SKETCH				
	65	66	Y	20	SR01B	4290	3 150,0	33326	99	SEE SKETCH				
	65	66	Y	20	SR01C	4290	3 800,0	40203	99	SEE SKETCH				
	65	102	Y	20	SR01D	6630	4 600,0	75213	72	1530	950			
	65	2	Y	20	LB01A	130	2 800,0	898	37	340	2500			
	65	2	Y	20	LB01B	130	4 850,0	1555	37	380	4500			
	65	2	Y	20	LB01C	130	2 900,0	930	37	440	2500			
	65	2	Y	20	LB01D	130	4 950,0	1587	37	480	4500			
	65	2	Y	20	LB01E	130	3 000,0	962	37	540	2500			
	65	2	Y	20	LB01F	130	5 050,0	1619	37	580	4500			
	65	2	Y	20	LB01G	130	3 100,0	994	37	640	2500			
	65	2	Y	20	LB01H	130	5 150,0	1651	37	700	4500			
	65	2	Y	20	LB01I	130	3 250,0	1042	37	770	2500			
	65	2	Y	20	LB01J	130	5 300,0	1699	37	830	4500			
	65	2	Y	20	LB01K	130	4 800,0	1539	37	340	4500			
	65	2	Y	20	LB01L	130	2 850,0	914	37	380	2500			
	65	2	Y	20	LB01M	130	4 900,0	1571	37	440	4500			
	65	2	Y	20	LB01N	130	2 950,0	946	37	480	2500			
	65	2	Y	20	LB01O	130	5 000,0	1603	37	540	4500			
	65	2	Y	20	LB01P	130	3 050,0	978	37	580	2500			
	65	2	Y	20	LB01Q	130	5 100,0	1635	37	640	4500			
	65	2	Y	20	LB01R	130	3 150,0	1010	37	700	2500			
	65	2	Y	20	LB01S	130	5 250,0	1683	37	770	4500			
	65	2	Y	20	LB01T	130	3 300,0	1058	37	830	2500			
	65	2	Y	32	LB02A	130	3 100,0	2544	37	680	2500			
	65	2	Y	32	LB02B	130	5 150,0	4227	37	730	4500			
	65	2	Y	32	LB02C	130	3 200,0	2626	37	790	2500			
	65	2	Y	32	LB02D	130	5 300,0	4350	37	850	4500			
	65	2	Y	32	LB02E	130	3 350,0	2750	37	900	2500			
	65	2	Y	32	LB02F	130	5 400,0	4432	37	960	4500			
	65	2	Y	32	LB02G	130	3 450,0	2832	37	1020	2500			
	65	2	Y	32	LB02H	130	5 500,0	4514	37	1080	4500			
	65	2	Y	32	LB02I	130	3 550,0	2914	37	1140	2500			
	65	2	Y	32	LB02J	130	5 600,0	4596	37	1190	4500			
	65	2	Y	32	LB02K	130	5 100,0	4186	37	680	4500			
	65	2	Y	32	LB02L	130	3 150,0	2585	37	730	2500			
	65	2	Y	32	LB02M	130	5 200,0	4268	37	790	4500			
	65	2	Y	32	LB02N	130	3 300,0	2708	37	850	2500			
	65	2	Y	32	LB02O	130	5 350,0	4391	37	900	4500			
	65	2	Y	32	LB02P	130	3 400,0	2791	37	960	2500			
	65	2	Y	32	LB02Q	130	5 450,0	4473	37	1020	4500			
	65	2	Y	32	LB02R	130	3 500,0	2873	37	1080	2500			
	65	2	Y	32	LB02S	130	5 550,0	4555	37	1140	4500			
	65	2	Y	32	LB02T	130	3 600,0	2955	37	1190	2500			
	65	36	Y	32	LB03	2340	12 000,0	177279	20	12000				
	65	16	Y	32	LB04A	1040	3 600,0	23637	37	1150	2500			
	65	16	Y	32	LB04B	1040	5 600,0	36769	37	1150	4500			
	65	164	Y	25	LTB01A	10660	12 000,0	492922	20	12000				
	65	44	Y	25	LTB02A	2860	8 350,0	92022	38	4500	1475	2500		
	65	44	Y	25	LTB02B	2860	8 350,0	92022	38	2500	1475	4500		

CAISSON TYPE 1 BASE

[illegible]

CAISSON TYPE 1 BASE

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																									
<div>SR01A Y20 CUT LENGTH: 2300mm</div> <div></div> <div>SR01B Y20 CUT LENGTH: 3150mm</div> <div></div> <div>SR01C Y20 CUT LENGTH: 3800mm</div> <div></div>																																							
Engineers				MILD STEEL		<table><tr><td>R8</td><td>0</td></tr><tr><td>R10</td><td>0</td></tr><tr><td>R12</td><td>0</td></tr><tr><td>R16</td><td>0</td></tr><tr><td>R20</td><td>0</td></tr><tr><td>R32</td><td>0</td></tr></table>	R8	0	R10	0	R12	0	R16	0	R20	0	R32	0	TOTAL R BARS = 0 kg		HIGH YIELD STEEL		<table><tr><td>Y10</td><td>0</td></tr><tr><td>Y12</td><td>0</td></tr><tr><td>Y16</td><td>11 224</td></tr><tr><td>Y20</td><td>878 715</td></tr><tr><td>Y25</td><td>1 370 037</td></tr><tr><td>Y32</td><td>2 332 364</td></tr></table>	Y10	0	Y12	0	Y16	11 224	Y20	878 715	Y25	1 370 037	Y32	2 332 364	TOTAL Y BARS = 4 592 340 kg			
R8	0																																						
R10	0																																						
R12	0																																						
R16	0																																						
R20	0																																						
R32	0																																						
Y10	0																																						
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Y16	11 224																																						
Y20	878 715																																						
Y25	1 370 037																																						
Y32	2 332 364																																						
ORIGINATOR: ZAA		Date: 2019.07.26		Compiled: DM		Checked: MS		Approved: J ZIETSMAN Pr Eng		Signed:		Transnet National Ports Authority																											
ZAA SCHEDULE No.		1785-CO-060-C-SCH-0005-01 T0A		DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING		TNPA SCHEDULE No.		2122830-1-060-C-SC-1004-01 T0A		TITLE		TNPA REFERENCE DRAWING																											
ZAA REFERENCE DRAWING		1785-CO-060-C-DWG-0005-01/02		REINFORCEMENT SCHEDULE CAISSON TYPE 1 BASE		2122830-1-060-C-GA-1004-01/02																																	