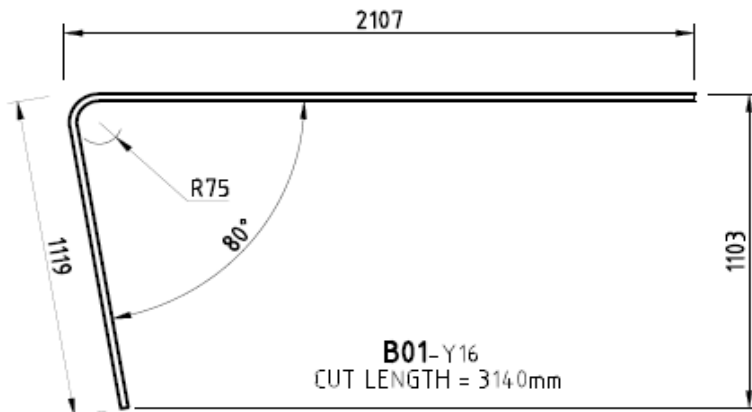
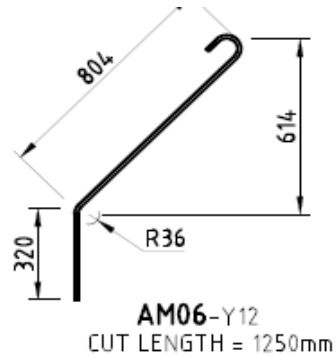
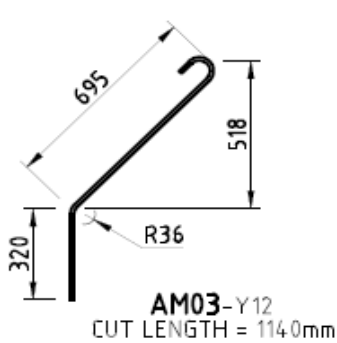


CAPPING BEAM REINFORCING TYPE 2

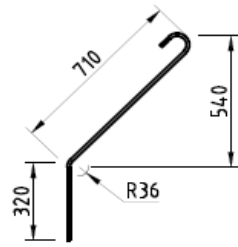
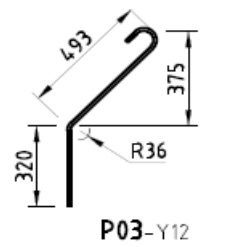
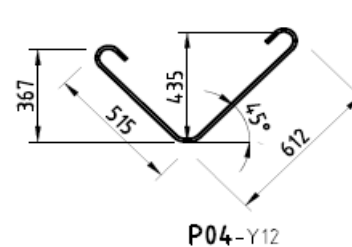
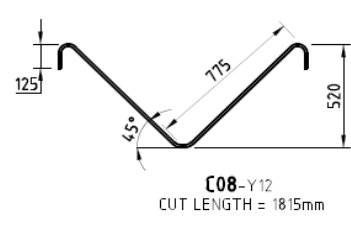
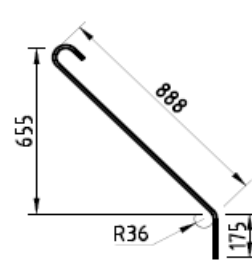
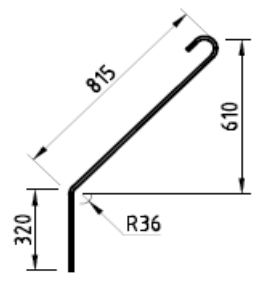
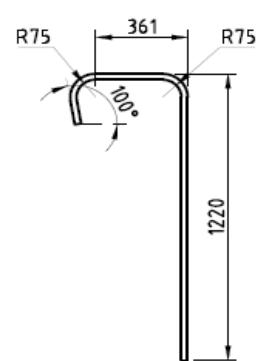
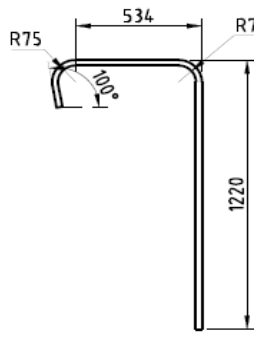
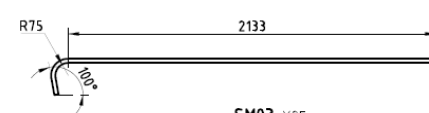
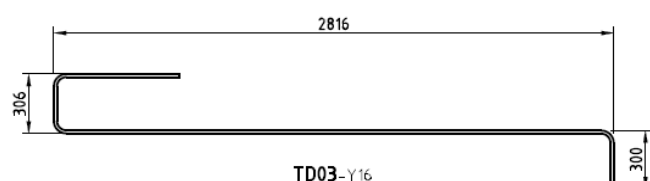


Member	No of Mbrs	No in Each	Y or R	Dia Size	Bar Mark	Total No	Cut Length	Mass kg	Shape Code	Dimensions to SABS 82				
										A	B	C	D	E or R
TYPE 2	9	7	Y	25	AM01	63	2 700,0	656	85	660	1520	310	450	
CAPPING BEAM	9	7	Y	16	AM02	63	1 850,0	184	38	700	160	1050		
REINFORCING	9	7	Y	12	AM03	63	1 140,0	64	99	SEE SKETCH				
	9	7	Y	16	AM04	63	2 100,0	209	37	715	1390			
	9	7	Y	16	AM05	63	1 650,0	164	37	300	1390			
	9	7	Y	12	AM06	63	1 250,0	70	99	SEE SKETCH				
	9	7	Y	16	AM07	63	2 000,0	199	54	200	1680	200		
	9	7	Y	12	AM08	63	2 500,0	140	85	550	1480	305	300	
	9	2	Y	16	AM09	18	1 600,0	46	20	1600				
	9	18	Y	16	AM10	162	1 500,0	384	38	650	275	650		
	9	18	Y	12	AM11	162	1 500,0	216	38	700	125	700		
	9	48	Y	25	B01	432	3 140,0	5227	99	SEE SKETCH				
	9	48	Y	25	B02	432	2 300,0	3829	38	660	1350	400		
	9	28	Y	25	B03	252	4 000,0	3884	20	4000				
	9	56	Y	25	B04	504	2 200,0	4273	37	660	1580			
	9	4	Y	40	B05	36	7 050,0	2504	38	2690	1890	2690		
	9	4	Y	40	B06	36	7 350,0	2610	49	2715	2715	1878	2690	2690
	9	4	Y	40	B07	36	7 500,0	2663	49	2798	2798	1869	2678	2678
	9	4	Y	40	B08	36	7 750,0	2752	49	2935	2935	1862	2674	2674
	9	4	Y	40	B09	36	8 100,0	2877	49	3118	3118	1855	2669	2669
	9	4	Y	40	B10	36	8 550,0	3036	49	3340	3340	1850	2666	2666
	9	7	Y	25	BS01	63	2 050,0	498	38	415	780	975		
	9	7	Y	25	BS02	63	3 250,0	789	20	3270				
	9	7	Y	25	BS03	63	3 500,0	850	37	980	2580			
	9	20	Y	25	BS04	180	2 200,0	1526	37	660	1580			
	9	534	Y	25	C01	4806	5 450,0	100930	62	1555	1530	3850		
	9	466	Y	25	C02	4194	2 250,0	36362	62	1120	1100	1120		
	9	448	Y	25	C03	4032	3 050,0	47387	37	2450	650			
	9	491	Y	25	C04	4419	2 500,0	42570	20	2500				
	9	469	Y	25	C05	4221	3 200,0	52048	37	650	2600			
	9	534	Y	25	C06	4806	1 850,0	34261	37	350	1550			
	9	488	Y	12	C07	4392	1 140,0	4445	99	SEE SKETCH				
	9	457	Y	12	C08	4113	1 815,0	6628	99	SEE SKETCH				
	9	928	Y	16	C09	8352	2 200,0	29001	37	350	1850			
	9	476	Y	16	C10	4284	4 050,0	27384	37	350	3700			
	9	521	Y	12	C11	4689	1 400,0	5828	49	155	155	1065	118	118
	9	488	Y	12	C12	4392	2 550,0	9943	37	500	2050			
	9	534	Y	12	C13	4806	4 450,0	18987	38	2100	280	2100		
	9	534	Y	16	C14	4806	2 550,0	19343	38	1160	280	1160		
	9	534	Y	16	C15	4806	1 950,0	14792	38	900	230	900		
	9	524	Y	16	C16	4716	4 050,0	30146	38	350	3400	350		
	9	908	Y	16	C17	8172	2 200,0	28376	37	1850	350			
	9	461	Y	16	C18	4149	4 450,0	29141	62	1590	1125	2825		
	9	524	Y	25	C19	4716	2 850,0	51792	37	350	2550			
	9	509	Y	25	C20	4581	2 450,0	43248	38	950	1280	350		
	9	38	Y	16	C21	342	1 850,0	999	38	850	230	850		
	9	36	Y	16	C22	324	1 900,0	972	38	850	280	850		
	9	36	Y	16	C23	324	1 900,0	972	38	850	260	850		
	9	32	Y	16	C24	288	2 500,0	1136	37	850	1680			
	9	96	Y	16	C25	864	2 200,0	3000	37	850	1350			
	9	32	Y	16	C26	288	3 350,0	1523	37	850	2500			
	9	12	Y	16	C27	108	1 800,0	307	37	850	950			
	9	22	Y	12	C28	198	1 050,0	185	38	500	100	500		
	9	6	Y	16	C29	54	1 500,0	128	37	850	680			
	9	300	R	10	C30	2700	450,0	749	85	110	260	60	70	
	9	320	R	10	C31	2880	300,0	533	85	110	100	60	70	
	9	2	Y	25	LA01	18	2 300,0	160	38	900	605	900		
	9	4	Y	25	LA03	36	2 000,0	277	38	880	380	880		
	9	588	Y	25	L01	5292	13 000,0	265096	20	13000				
	9	840	Y	16	L02	7560	13 000,0	155119	20	13000				
	9	154	Y	12	L03	1386	13 000,0	15997	20	13000				
	9	26	Y	25	P01	234	2 050,0	1849	38	410	1095	660		
	9	26	Y	12	P02	234	1 200,0	249	38	530	160	530		
	9	26	Y	12	P03	234	940,0	195	99	SEE SKETCH				
	9	12	Y	12	P04	108	1 350,0	129	99	SEE SKETCH				
	9	12	Y	12	P05	108	1 200,0	115	38	530	160	530		
	9	52	Y	16	P06	468	2 050,0	1514	37	1850	200			
	9	12	Y	12	P07	108	2 550,0	245	75	630	220	630	305	480
	9	12	Y	12	P08	108	2 800,0	269	75	700	220	705	305	555
	9	12	Y	12	P09	108	1 190,0	114	99	SEE SKETCH				

CAPPING BEAM REINFORCING TYPE 2

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
	9	14	Y	16	P10	126	2 900,0	577	85	170	1955	160	720	
	9	14	Y	12	P11	126	2 600,0	291	85	550	1755	305	150	
	9	14	Y	12	P12	126	1 250,0	140	99	SEE SKETCH				
	9	14	Y	32	P13	126	3 450,0	2744	37	1130	2380			
	9	14	Y	25	P14	126	4 250,0	2064	37	660	3640			
	9	128	Y	12	P15	1152	550,0	563	85	150	290	95	95	
	9	14	Y	20	P16	126	3 900,0	1212	37	880	3040			
	9	14	Y	20	P17	126	4 400,0	1367	38	2100	280	2100		
	9	18	Y	16	P18	162	1 400,0	358	38	650	135	650		
	9	18	Y	16	P19	162	3 550,0	908	38	1675	280	1675		
	9	18	Y	16	P20	162	1 450,0	371	38	650	195	650		
	9	18	Y	16	P21	162	3 550,0	908	38	1675	280	1675		
	9	2	Y	16	P22	18	1 600,0	46	20	1600				
	9	2	Y	16	P23	18	2 350,0	67	20	2350				
	9	32	Y	25	SM01	288	1 770,0	1964	99	SEE SKETCH				
	9	32	Y	25	SM02	288	1 950,0	2164	99	SEE SKETCH				
	9	32	Y	25	SM03	288	2 400,0	2663	99	SEE SKETCH				
	9	32	Y	25	SM04	288	3 400,0	3773	37	1220	2225			
	9	32	Y	25	SM05	288	1 900,0	2109	38	660	695	660		
	9	36	Y	25	SM06	324	1 800,0	2247	37	660	1180			
	9	36	Y	25	SM07	324	3 400,0	4245	37	1220	2225			
	9	10	Y	12	SU01	90	1 950,0	156	62	1660	1175	260		
	9	10	Y	16	SU02	90	4 350,0	618	38	1340	130	2940		
	9	20	Y	12	SU03	180	2 400,0	384	38	1100	230	1100		
	9	10	Y	16	SU04	90	5 200,0	739	38	2560	130	2560		
	9	10	Y	12	SU05	90	2 950,0	236	38	1340	290	1340		
	9	10	Y	12	SU06	90	1 900,0	152	38	840	235	840		
	9	10	Y	12	SU07	90	1 950,0	156	38	930	130	930		
	9	10	Y	12	SU08	90	1 950,0	156	38	890	205	890		
	9	10	Y	12	SU09	90	2 200,0	176	38	1070	100	1070		
	9	10	Y	12	SU10	90	1 800,0	144	38	880	100	880		
	9	13	Y	25	TD01	117	2 000,0	902	38	660	1020	450		
	9	13	Y	16	TD02	117	1 150,0	212	20	1160				
	9	13	Y	16	TD03	117	3 900,0	720	99	SEE SKETCH				
	9	14	Y	25	U01	126	3 050,0	1481	37	1220	1870			
	9	17	Y	25	U02	153	2 750,0	1621	37	1370	1430			
	9	17	Y	25	U03	153	1 350,0	796	38	530	295	660		
	9	17	Y	25	U04	153	3 050,0	1798	37	1220	1870			
	9	20	Y	25	U05	180	2 200,0	1526	37	660	1580			
	9	10	Y	25	U06	90	4 000,0	1387	20	4000				



CAPPING BEAM REINFORCING TYPE 2

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><div><p>C07-Y12 CUT LENGTH = 1140mm</p></div><div><p>P03-Y12 CUT LENGTH = 940mm</p></div><div><p>P04-Y12 CUT LENGTH = 1350mm</p></div><div><p>C08-Y12 CUT LENGTH = 1815mm</p></div><div><p>P09-Y12 CUT LENGTH = 1190mm</p></div><div><p>P12-Y12 CUT LENGTH = 1250mm</p></div><div><p>SM01-Y25 CUT LENGTH = 1770mm</p></div><div><p>SM02-Y25 CUT LENGTH = 1950mm</p></div><div><p>SM03-Y25 CUT LENGTH = 2400mm</p></div><div><p>TD03-Y16 CUT LENGTH = 3900mm</p></div></div>																																									
<div><div><div>Engineers</div><div></div><div>ORIGINATOR: ZAA</div><div>Date: 2019.07.26</div><div>Compiled: AS</div><div>Checked: MC</div><div>Approved: J ZIETSMAN Pr Eng</div><div>Signed:</div></div><div><div>MILD STEEL</div><table><tr><td>R8</td><td>0</td></tr><tr><td>R10</td><td>1281,8</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><div>TOTAL R BARS = 1282 kg</div></div><div><div>HIGH YIELD STEEL</div><table><tr><td>Y10</td><td>0</td></tr><tr><td>Y12</td><td>66 369</td></tr><tr><td>Y16</td><td>350 559</td></tr><tr><td>Y20</td><td>2 579</td></tr><tr><td>Y25</td><td>728 249</td></tr><tr><td>Y32</td><td>2 744</td></tr><tr><td>Y40</td><td>16 442</td></tr></table><div>TOTAL Y BARS = 1 166 943 kg</div></div><div><div></div><div>Transnet National Ports Authority</div><div>Date:</div><div>Name:</div><div>Signed:</div></div></div>																R8	0	R10	1281,8	R12	0	R16	0	R20	0	R32	0	Y10	0	Y12	66 369	Y16	350 559	Y20	2 579	Y25	728 249	Y32	2 744	Y40	16 442
R8	0																																								
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Y25	728 249																																								
Y32	2 744																																								
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<div><div>ZAA SCHEDULE No.</div><div>1785-CO-090-C-SCH-0006-01 T0A</div><div>ZAA REFERENCE DRAWING</div><div>1785-CO-090-C-DWG-0006</div></div> <div><div>DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING</div><div>TITLE</div><div>REINFORCEMENT SCHEDULE CAPPING BEAM TYPE 2</div></div> <div><div>TNPA SCHEDULE No.</div><div>2122830-1-090-C-SC-1005-01 T0A</div><div>TNPA REFERENCE DRAWING</div><div>2122830-1-090-C-GA-1005</div></div>																																									