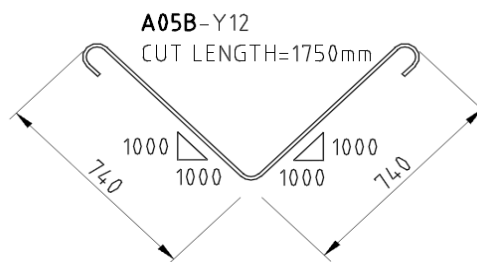
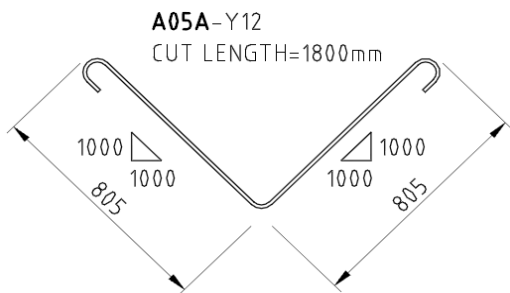




TYPE B2 SERVICE TUNNEL

Member	No of	No in	Y or	Dia	Bar	Total	Cut	Mass	Shape	Dimensions to SABS 82				
	Mbrs	Each	R	Size	Mark	No	Length	kg	Code	A	B	C	D	E or R
	4	70	Y	16	A01	280	4 300,0	1900	38	3300	305	750		
	4	156	Y	16	A02A	624	3 600,0	3546	38	1700	280	1700		
	4	40	Y	16	A02B	160	3 200,0	808	38	1500	280	1500		
	4	78	Y	12	A03A	312	1 650,0	457	49	280	280	1060	205	205
	4	20	Y	12	A03B	80	1 600,0	114	49	280	280	995	205	205
	4	66	Y	16	A04A	264	3 450,0	1438	38	1700	130	1700		
	4	20	Y	16	A04B	80	3 050,0	385	38	1500	130	1500		
	4	33	Y	12	A05A	132	1 800,0	211	99	SEE SKETCH				
	4	10	Y	12	A05B	40	1 750,0	62	99	SEE SKETCH				
	4	10	Y	25	A06A	40	7 700,0	1187	60	260	3380			
	4	8	Y	25	A06B	32	4 400,0	543	38	3300	470	750		
	4	2	Y	25	A07	8	3 750,0	116	38	275	3315	275		
	4	4	Y	32	A08	16	5 200,0	525	38	1000	3380	1000		
	4	44	Y	16	A09	176	4 200,0	1167	38	3300	230	750		
	4	4	Y	25	A10A	16	4 300,0	265	38	3300	380	750		
	4	32	Y	25	A10B	128	4 400,0	2170	38	3300	480	750		
	4	10	Y	25	A10C	40	8 100,0	1249	60	480	3380			
	4	46	Y	25	B01	184	1 750,0	1241	38	800	270	800		
	4	23	Y	25	B02A	92	2 900,0	1028	37	2640	300			
	4	23	Y	25	B02B	92	3 800,0	1347	37	3560	300			
	4	23	Y	25	B03	92	7 000,0	2482	43	2000	220	1630	180	2920
	4	23	Y	25	B04	92	6 750,0	2393	20	6790				
	4	46	Y	16	B05	184	1 750,0	508	38	800	195	800		
	4	23	Y	16	B06	92	4 200,0	610	43	700	585	1630	415	700
	4	102	Y	16	B07A	408	6 750,0	4347	20	6790				
	4	2	Y	16	B07B	8	2 550,0	32	20	2560				
	4	2	Y	16	B07C	8	3 450,0	44	20	3480				
	4	52	Y	12	B08	208	1 500,0	277	38	650	245	650		
	4	26	Y	12	B09	104	5 750,0	531	20	5790				
	4	26	Y	12	B010	104	1 050,0	97	38	500	95	500		
	4	2	Y	16	B11	8	5 750,0	73	20	5790				
	4	33	R	8	C01	132	300,0	16	85	75	130	48	50	
	4	78	R	10	C02	312	450,0	87	85	100	280	60	60	



<div>Engineers</div> <div></div> <div>ORIGINATOR: ZAA</div> <div>Date: 2019.07.26</div> <div>Compiled: DC</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>15,6</td></tr><tr><td>R10</td><td>86,6</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><div>TOTAL R BARS = 102 kg</div></div> <div><div><div>HIGH YIELD STEEL</div><table><tr><td>Y10</td><td>0</td></tr><tr><td>Y12</td><td>1 748</td></tr><tr><td>Y16</td><td>14 857</td></tr><tr><td>Y20</td><td>0</td></tr><tr><td>Y25</td><td>14 019</td></tr><tr><td>Y32</td><td>525</td></tr></table></div><div>TOTAL Y BARS = 31 150 kg</div></div>	R8	15,6	R10	86,6	R12	0	R16	0	R20	0	R32	0	Y10	0	Y12	1 748	Y16	14 857	Y20	0	Y25	14 019	Y32	525	<div></div> <div>Transnet National Ports Authority</div> <div>Date:</div> <div>Name:</div> <div>Signed:</div>
R8	15,6																									
R10	86,6																									
R12	0																									
R16	0																									
R20	0																									
R32	0																									
Y10	0																									
Y12	1 748																									
Y16	14 857																									
Y20	0																									
Y25	14 019																									
Y32	525																									
<div>ZAA SCHEDULE No.</div> <div>1785-CO-090-C-SCH-0016-02 T0A</div>	<div>DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING</div>	<div>TNPA SCHEDULE No.</div> <div>2122830-1-090-C-SC-1015-02 T0A</div>																								
<div>ZAA REFERENCE DRAWING</div> <div>1785-CO-090-C-DWG-0016-02</div>	<div>REINFORCEMENT SCHEDULE TYPE B2 SERVICE TUNNEL</div>	<div>TNPA REFERENCE DRAWING</div> <div>2122830-1-090-C-GA-1015-02</div>																								

**DCT BERTHS 203 to 205 RECONSTRUCTION
DEEPENING AND LENGTHENING**

**REINFORCEMENT SCHEDULE
TYPE B2 SERVICE TUNNEL**