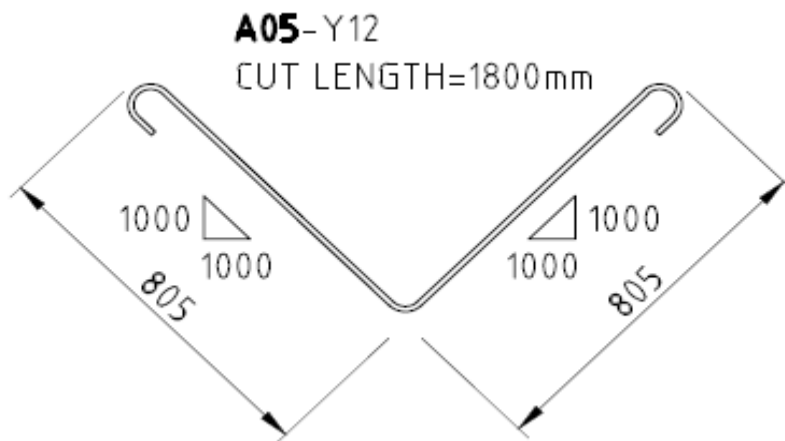




TYPE B1 SERVICE TUNNEL

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
	6	134	Y	16	A01	804	4 300,0	5457	38	3300	305	750		
	6	268	Y	16	A02	1608	3 600,0	9137	38	1700	280	1700		
	6	134	Y	12	A03	804	1 650,0	1178	49	280	280	1060	205	205
	6	268	Y	16	A04	1608	3 450,0	8756	38	1700	130	1700		
	6	67	Y	12	A05	402	1 800,0	642	99	SEE SKETCH				
	6	134	Y	16	A06	804	4 200,0	5330	38	3300	230	750		
	6	46	Y	16	B01	276	1 800,0	784	38	800	270	800		
	6	153	Y	16	B02	918	9 650,0	13982	20	9670				
	6	46	Y	16	B03	276	1 750,0	762	38	800	195	800		
	6	56	Y	12	B04	336	1 500,0	448	38	650	245	650		
	6	28	Y	12	B05	168	9 650,0	1439	20	9670				
	6	28	Y	12	B06	168	1 050,0	157	38	500	95	500		
	6	54	R	8	C01	324	300,0	38	85	75	130	48	50	
	6	108	R	10	C02	648	450,0	180	85	100	280	60	60	



Engineers																														
ORIGINATOR: ZAA		MILD STEEL	<table><tr><td>R8</td><td>38,4</td></tr><tr><td>R10</td><td>179,8</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>	R8	38,4	R10	179,8	R12	0	R16	0	R20	0	R32	0	HIGH YIELD STEEL	<table><tr><td>Y10</td><td>0</td></tr><tr><td>Y12</td><td>3 864</td></tr><tr><td>Y16</td><td>44 207</td></tr><tr><td>Y20</td><td>0</td></tr><tr><td>Y25</td><td>0</td></tr><tr><td>Y32</td><td>0</td></tr></table>	Y10	0	Y12	3 864	Y16	44 207	Y20	0	Y25	0	Y32	0	Transnet National Ports Authority
R8	38,4																													
R10	179,8																													
R12	0																													
R16	0																													
R20	0																													
R32	0																													
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Y12	3 864																													
Y16	44 207																													
Y20	0																													
Y25	0																													
Y32	0																													
Date: 2019.07.26						Date:																								
Compiled: DC						Name:																								
Checked: MC						Signed:																								
Approved: J ZIETSMAN Pr Eng		TOTAL R BARS = 218 kg		TOTAL Y BARS = 48 071 kg																										
Signed:																														
ZAA SCHEDULE No. 1785-CO-090-C-SCH-0016-01 T0A		DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING				TNPA SCHEDULE No. 2122830-1-090-C-SC-0015-01 T0A																								
ZAA REFERENCE DRAWING 1785-CO-090-C-DWG-0016-01	TITLE	REINFORCEMENT SCHEDULE TYPE B1 SERVICE TUNNEL				TNPA REFERENCE DRAWING 2122830-1-090-C-GA-1015-01																								