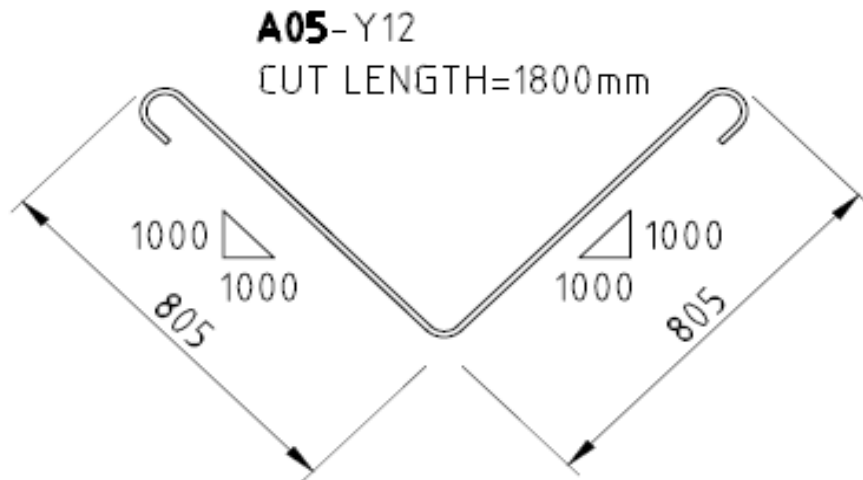




TYPE B4 SERVICE TUNNEL

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	106	Y	16	A01	424	4 300,0	2878	38	3300	305	750		
	4	212	Y	16	A02	848	3 600,0	4818	38	1700	280	1700		
	4	106	Y	12	A03	424	1 650,0	621	49	280	280	1060	205	205
	4	212	Y	16	A04	848	1 800,0	2409	37	1700	130	1700		
	4	53	Y	12	A05	212	1 800,0	339	99	SEE SKETCH				
	4	106	Y	16	A06	424	4 200,0	2811	38	3300	230	750		
	4	46	Y	16	B01	184	1 800,0	523	38	800	270	800		
	4	153	Y	16	B02	612	7 650,0	7390	20	7670				
	4	46	Y	16	B03	184	1 750,0	508	38	800	195	800		
	4	56	Y	12	B04	224	1 500,0	298	38	650	245	650		
	4	28	Y	12	B05	112	7 650,0	761	20	7670				
	4	28	Y	12	B06	112	1 050,0	104	38	500	100	500		
	4	42	R	8	C01	168	300,0	20	85	75	130	48	50	
	4	84	R	10	C02	336	450,0	93	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</div><div>STEEL</div></div><div><table><tr><td>R8</td><td>19,9</td></tr><tr><td>R10</td><td>93,2</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> <div>TOTAL R BARS = 113 kg</div>	R8	19,9	R10	93,2	R12	0	R16	0	R20	0	R32	0	<div><div><div>HIGH</div><div>YIELD</div><div>STEEL</div></div><div><table><tr><td>Y10</td><td>0</td></tr><tr><td>Y12</td><td>2 123</td></tr><tr><td>Y16</td><td>21 336</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></div></div> <div>TOTAL Y BARS = 23 460 kg</div>	Y10	0	Y12	2 123	Y16	21 336	Y20	0	Y25	0	Y32	0	<div></div> <div>Transnet National Ports Authority</div> <div>Date:</div> <div>Name:</div> <div>Signed:</div>
R8	19,9																										
R10	93,2																										
R12	0																										
R16	0																										
R20	0																										
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Y12	2 123																										
Y16	21 336																										
Y20	0																										
Y25	0																										
Y32	0																										
<div>ZAA SCHEDULE No.</div> <div>1785-CO-090-C-SCH-0016-04 T0A</div>	<div>DCT BERTHS 203 to 205 RECONSTRUCTION</div> <div>DEEPENING AND LENGTHENING</div>		<div>TNPA SCHEDULE No.</div> <div>2122830-1-090-C-SC-1015-04 T0A</div>																								
<div>ZAA REFERENCE DRAWING</div> <div>1785-CO-090-C-DWG-0016-04</div>	<div>TITLE</div> <div>REINFORCEMENT SCHEDULE</div> <div>TYPE B4 SERVICE TUNNEL</div>		<div>TNPA REFERENCE DRAWING</div> <div>2122830-1-090-C-GA-1015-04</div>																								