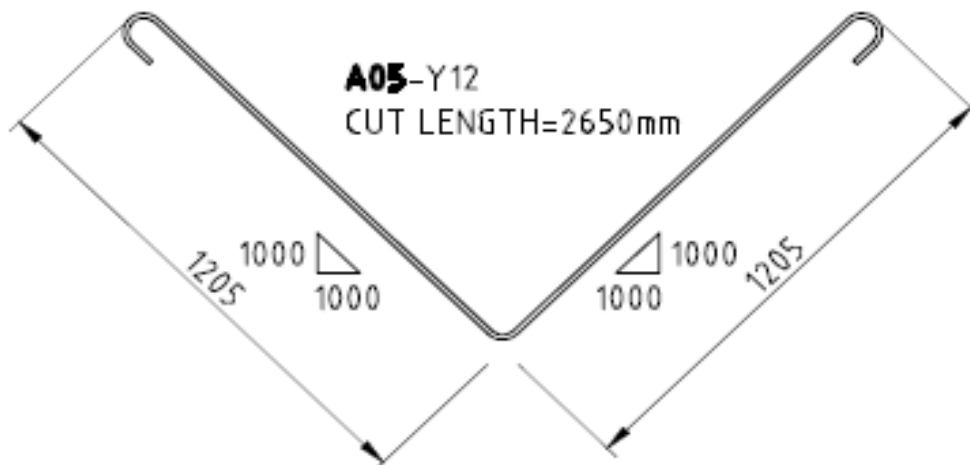




TYPE A4 SERVICE TUNNEL

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
	1	46	Y	16	A01	46	4 100,0	298	38	700	595	2885		
	1	92	Y	16	A02	92	4 300,0	624	38	2050	280	2050		
	1	46	Y	12	A03	46	2 050,0	84	49	280	280	1470	205	205
	1	92	Y	16	A04	92	2 050,0	298	37	1900	175			
	1	23	Y	12	A05	23	2 650,0	54	99	SEE SKETCH				
	1	23	Y	16	A06	23	2 950,0	107	20	2950				
	1	23	Y	16	A07	23	3 200,0	116	36	65	130	2970	130	65
	1	40	Y	16	B01	40	2 100,0	133	38	800	560	800		
	1	141	Y	16	B02	141	3 150,0	701	20	3185				
	1	44	Y	16	B03	44	1 050,0	73	37	275	800			
	1	36	Y	16	B04	36	1 150,0	65	37	350	800			
	1	50	Y	12	B05	50	1 500,0	67	38	650	245	650		
	1	26	Y	12	B06	26	3 150,0	73	20	3185				
	1	26	Y	10	B07	26	1 050,0	17	38	500	75	500		
	1	21	R	8	C01	21	250,0	2	85	75	110	48	50	
	1	42	R	10	C02	42	450,0	12	85	100	280	60	60	



Engineers		MILD STEEL	<table><tr><td>R8</td><td>2,1</td></tr><tr><td>R10</td><td>11,7</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	2,1	R10	11,7	R12	0	R16	0	R20	0	R32	0	TOTAL R BARS = 14 kg	HIGH YIELD STEEL	<table><tr><td>Y10</td><td>17</td></tr><tr><td>Y12</td><td>277</td></tr><tr><td>Y16</td><td>2 415</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	17	Y12	277	Y16	2 415	Y20	0	Y25	0	Y32	0	TOTAL Y BARS = 2 709 kg	
R8	2,1																															
R10	11,7																															
R12	0																															
R16	0																															
R20	0																															
R32	0																															
Y10	17																															
Y12	277																															
Y16	2 415																															
Y20	0																															
Y25	0																															
Y32	0																															
ORIGINATOR: ZAA									Transnet National Ports Authority																							
Date: 2019.07.26									Date:																							
Compiled: DC									Name:																							
Checked: MC									Signed:																							
Approved: J ZIETSMAN Pr Eng																																
Signed:																																
ZAA SCHEDULE No. 1785-CO-090-C-SCH-0015-04 T0A	DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING							TNPA SCHEDULE No. 2122830-1-090-C-SC-1014-04 T0A																								
ZAA REFERENCE DRAWING 1785-CO-090-C-DWG-0015-04	REINFORCEMENT SCHEDULE TYPE A4 SERVICE TUNNEL							TNPA REFERENCE DRAWING 2122830-1-090-C-GA-1014-04																								