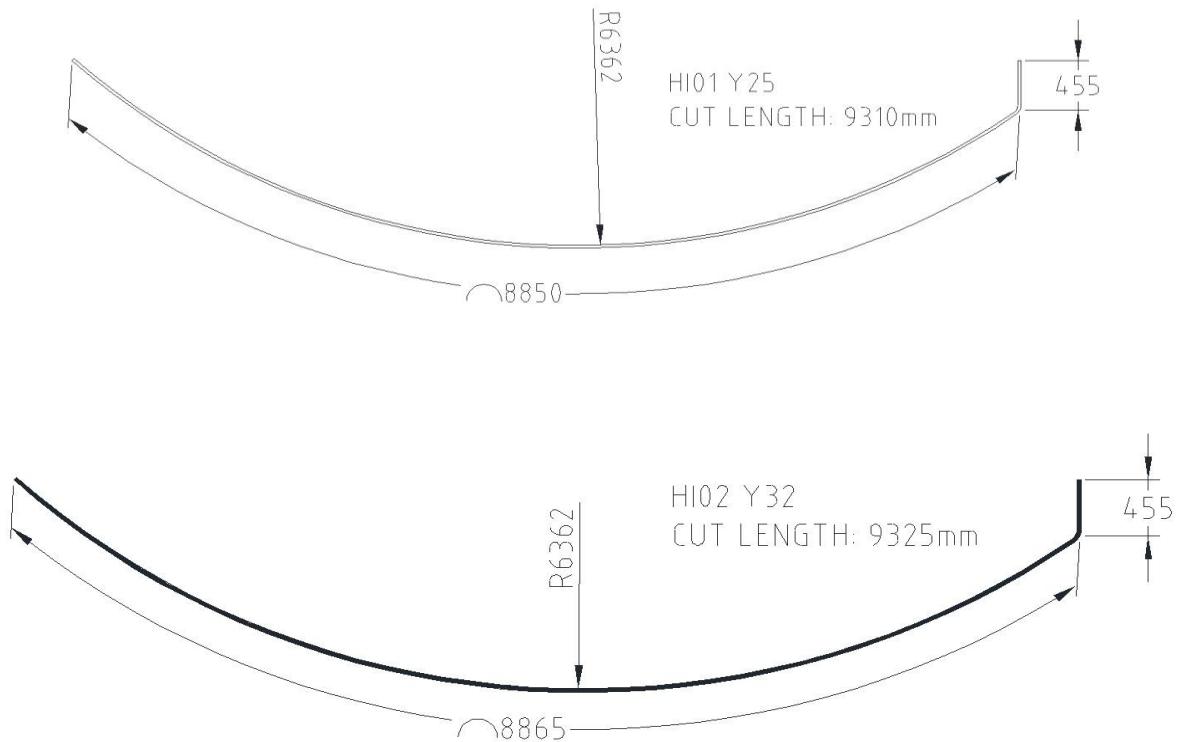


## CAISSON TYPE 8 WALL

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
<b>TYPE 8 CAISSON WALLS</b>	1	40	Y	25	HI01	40	9 310,0	1435	99	SEE SKETCH				6362
	1	192	Y	32	HI02	192	9 325,0	11303	99	SEE SKETCH				6362
	1	20	Y	25	HI03	20	5 265,0	406	99	SEE SKETCH				6362
	1	20	Y	25	HI04	20	6 290,0	485	99	SEE SKETCH				6362
	1	60	Y	32	HI05	60	5 100,0	1932	65	5100				6362
	1	60	Y	32	HI06	60	4 100,0	1553	65	4100				6362
	1	60	Y	20	HI07	60	5 265,0	779	99	SEE SKETCH				6362
	1	60	Y	20	HI08	60	6 295,0	932	99	SEE SKETCH				6362
	1	20	Y	25	HI09	20	5 100,0	393	65	5100				
	1	20	Y	25	HI10	20	4 100,0	316	65	4100				
	1	150	Y	25	HI11	150	10 580,0	6115	99	SEE SKETCH				19776
	1	34	Y	32	HI13	34	10 590,0	2273	99	SEE SKETCH				19776
	1	4	Y	32	HI14A	4	1 805,0	46	99	SEE SKETCH				
	1	4	Y	32	HI14B	4	1 930,0	49	99	SEE SKETCH				
	1	4	Y	32	HI14C	4	2 055,0	52	99	SEE SKETCH				
	1	4	Y	32	HI14D	4	2 180,0	55	99	SEE SKETCH				
	1	4	Y	32	HI14E	4	2 305,0	58	99	SEE SKETCH				
	1	4	Y	32	HI14F	4	2 430,0	61	99	SEE SKETCH				
	1	9622	Y	10	H01	9622	500,0	2966	85	120	280	80	80	
	1	24	Y	20	H02	24	1 800,0	107	38	800	280	800		
	1	140	Y	20	HO01	140	9 370,0	3235	99	SEE SKETCH				6622
	1	160	Y	25	HO02	160	9 370,0	5777	99	SEE SKETCH				6617
	1	92	Y	32	HO03	92	9 370,0	5442	99	SEE SKETCH				6610
	1	118	Y	25	HO04	118	10 230,0	4652	99	SEE SKETCH				20030
	1	66	Y	32	HO05	66	10 230,0	4263	99	SEE SKETCH				20024
	1	4	Y	25	HO06A	4	1 635,0	25	99	SEE SKETCH				20030
	1	4	Y	25	HO06B	4	1 760,0	27	99	SEE SKETCH				20030
	1	4	Y	25	HO06C	4	1 885,0	29	99	SEE SKETCH				20030
	1	4	Y	25	HO06D	4	2 010,0	31	99	SEE SKETCH				20030
	1	4	Y	25	HO06E	4	2 135,0	33	99	SEE SKETCH				20030
	1	4	Y	25	HO06F	4	2 260,0	35	99	SEE SKETCH				20030
	1	24	Y	20	V02	24	3 350,0	198	38	1600	220	1600		
	1	124	Y	20	V03	124	2 550,0	780	38	1200	220	1200		
	1	48	Y	20	V04	48	1 750,0	207	38	800	220	800		
	1	52	Y	20	V05	52	4 450,0	571	38	2150	220	2150		
	1	122	Y	20	VI01	122	6 000,0	1805	20	6000				
	1	128	Y	20	VI02	128	7 000,0	2210	20	7000				
	1	76	Y	20	VI13	76	5 400,0	1012	20	5400				
	1	80	Y	20	VI14	80	4 400,0	868	20	4400				
	1	46	Y	20	VI15	46	4 600,0	522	20	4600				
	1	48	Y	20	VI16	48	3 600,0	426	20	3600				
	1	48	Y	25	VO01	48	6 000,0	1110	20	6000				
	1	52	Y	25	VO02	52	5 000,0	1002	20	5000				
	1	52	Y	25	VO03	52	4 000,0	802	20	4000				
	1	152	Y	25	VO04	152	6 000,0	3514	20	6000				
	1	94	Y	20	VO09	94	6 000,0	1391	20	6000				
	1	92	Y	20	VO10	92	7 000,0	1588	20	7000				
	1	94	Y	20	VO18	94	4 600,0	1066	20	4600				
	1	196	Y	20	N01	196	3 700,0	1789	99	SEE SKETCH				
	1	196	Y	12	N02	196	1 100,0	191	85	144	845	96	96	
	1	196	Y	12	N03	196	1 300,0	226	85	144	1025	96	96	
	1	196	R	10	N04	196	850,0	103	45	325	125	380	285	
	1	196	R	10	N05	196	900,0	109	49	325	380	175	285	315
	1	60	Y	20	N06	60	6 000,0	888	20	6000				
	1	60	Y	20	N15	60	5 350,0	792	20	5350				
	1	28	Y	25	CV01	28	6 000,0	647	20	6000				
	1	24	Y	25	CV02	24	5 000,0	462	20	5000				
	1	2	Y	20	CV06A	2	8 350,0	41	60	3715	280			
	1	2	Y	20	CV06B	2	7 950,0	39	60	3525	280			
	1	2	Y	20	CV06C	2	7 550,0	37	60	3325	280			
	1	2	Y	20	CV06D	2	7 150,0	35	60	3125	280			
	1	2	Y	20	CV06E	2	6 850,0	34	60	2965	280			
	1	2	Y	20	CV06F	2	6 650,0	33	60	2865	280			
	1	2	Y	20	CV06G	2	6 450,0	32	60	2765	280			
	1	2	Y	20	CV06H	2	6 250,0	31	60	2665	280			

## CAISSON TYPE 8 WALL

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	2	Y	20	CV06I	2	6 050,0	30	60	2565	280			
	1	2	Y	20	CV06J	2	5 850,0	29	60	2465	280			
	1	22	Y	20	CV07	22	5 550,0	301	60	2320	280			
	1	89	Y	20	CV08	89	1 800,0	395	38	800	280	800		
	1	28	Y	20	CV11	28	3 900,0	269	20	3900				
	1	24	Y	20	CV12	24	4 900,0	290	20	4900				
	1	48	Y	25	CH01	48	4 650,0	860	38	3000	280	1500		
	1	48	Y	25	CH02	48	7 450,0	1378	20	7450				
	1	64	Y	25	CH03	64	4 050,0	999	38	1950	280	1950		
	1	62	Y	25	CH04	62	3 550,0	848	38	1850	280	1550		
	1	62	Y	25	CH05	62	2 750,0	657	38	1450	280	1150		
	1	38	Y	25	CH08	38	4 250,0	622	38	2200	280	1900		
	1	2	Y	25	CH09A	2	4 150,0	32	38	2000	280	2000		
	1	2	Y	25	CH09B	2	3 900,0	30	38	1875	280	1875		
	1	2	Y	25	CH09C	2	3 650,0	28	38	1750	280	1750		
	1	2	Y	25	CH09D	2	3 400,0	26	38	1625	280	1625		
	1	2	Y	25	CH09E	2	3 150,0	24	38	1500	280	1500		
	1	2	Y	25	CH09F	2	2 900,0	22	38	1375	280	1375		
	1	12	Y	25	CH10	12	2 650,0	123	38	1250	280	1250		
	1	36	Y	32	CH11	36	9 170,0	2084	99	SEE SKETCH				
	1	2	Y	25	CH12A	2	9 100,0	70	38	200	8850	200		
	1	2	Y	25	CH12B	2	9 000,0	69	38	200	8750	200		
	1	2	Y	25	CH12C	2	8 900,0	69	38	200	8650	200		
	1	2	Y	25	CH12D	2	8 800,0	68	38	200	8550	200		
	1	2	Y	25	CH12E	2	8 750,0	67	38	200	8450	200		
	1	98	Y	20	CH13	98	2 100,0	508	20	2100				
	1	16	Y	32	CH14	16	4 000,0	404	20	4000				
	1	102	Y	10	H01	102	500,0	31	85	120	280	80	80	



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

HI03 Y25  
CUT LENGTH: 5265mm

HI04 Y25  
CUT LENGTH: 6290mm

HI07 Y20  
CUT LENGTH: 5265mm

HI08 Y20  
CUT LENGTH: 6295mm

HI11 Y25  
CUT LENGTH: 10580mm

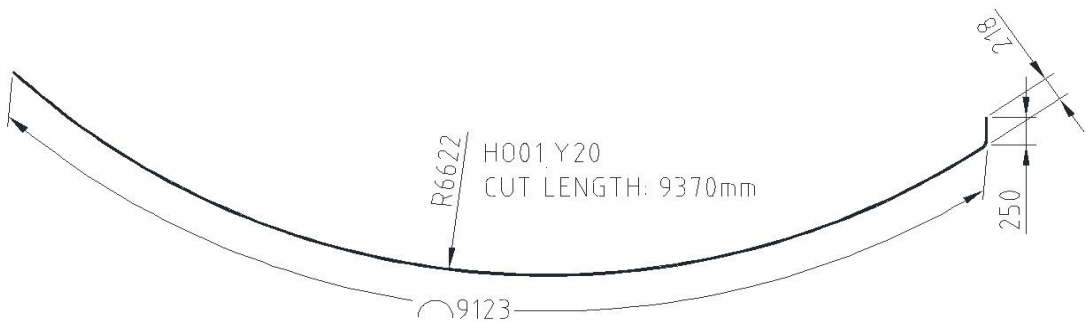
HI13 Y32  
CUT LENGTH: 10590mm

HI14A-F Y32

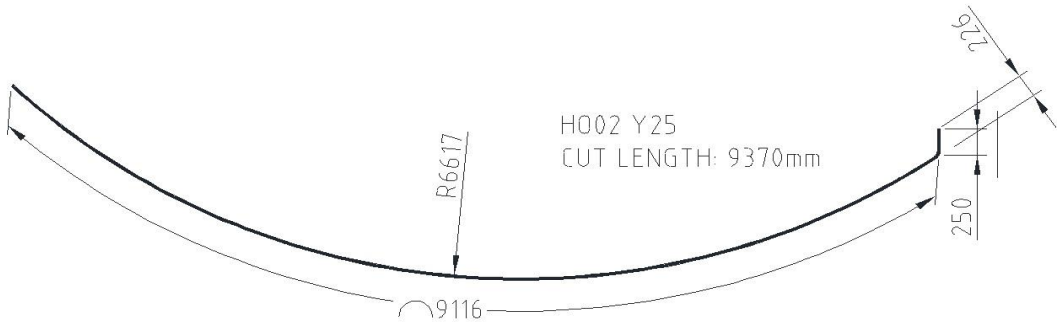
A - ARC LENGTH = 1565mm	CUT LENGTH = 1805mm
B - ARC LENGTH = 1690mm	CUT LENGTH = 1930mm
C - ARC LENGTH = 1815mm	CUT LENGTH = 2055mm
D - ARC LENGTH = 1940mm	CUT LENGTH = 2180mm
E - ARC LENGTH = 2065mm	CUT LENGTH = 2305mm
F - ARC LENGTH = 2190mm	CUT LENGTH = 2430mm

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



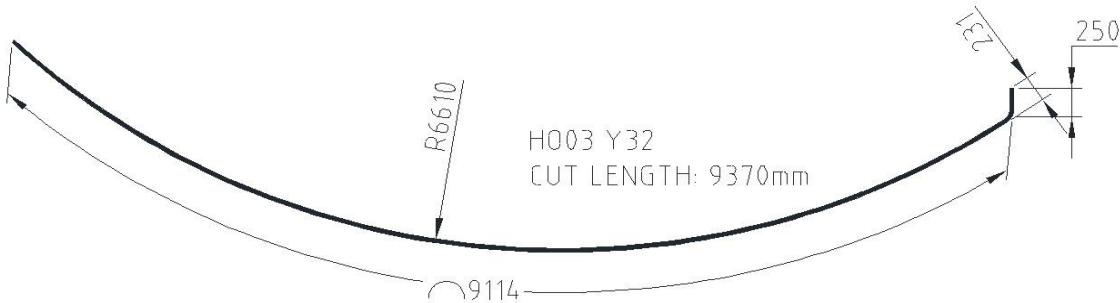
H001 Y20  
CUT LENGTH: 9370mm

9123



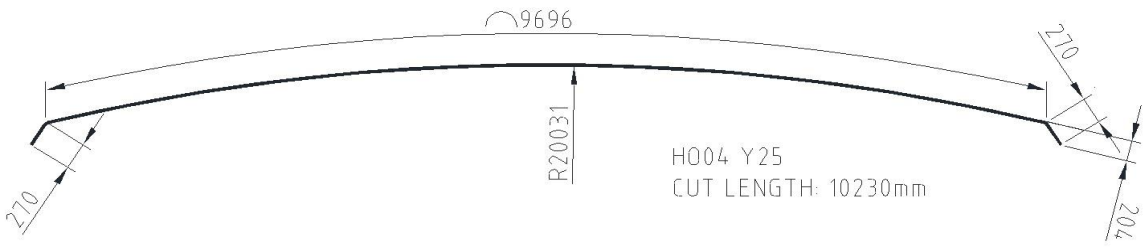
H002 Y25  
CUT LENGTH: 9370mm

9116



H003 Y32  
CUT LENGTH: 9370mm

9114



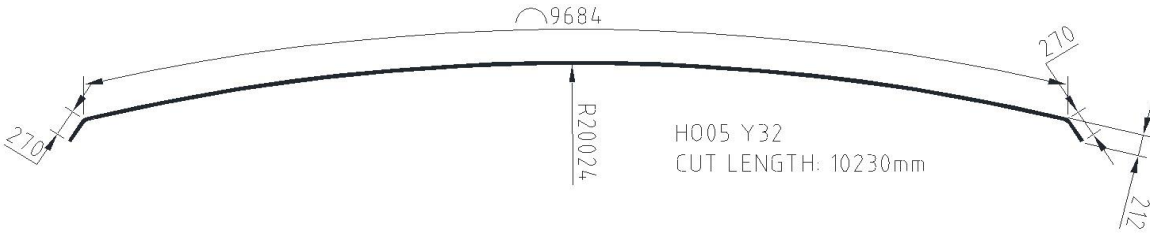
H004 Y25  
CUT LENGTH: 10230mm

9696

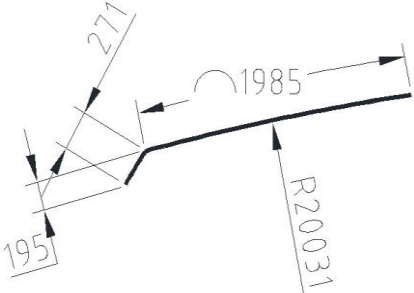
CAISSON TYPE 8 WALL

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



H005 Y32  
CUT LENGTH: 10230mm

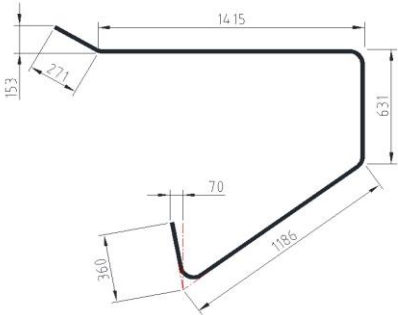


H006A-F Y25


A - ARC LENGTH = 1360mm	CUT LENGTH = 1635mm
B - ARC LENGTH = 1485mm	CUT LENGTH = 1760mm
C - ARC LENGTH = 1610mm	CUT LENGTH = 1885mm
D - ARC LENGTH = 1735mm	CUT LENGTH = 2010mm
E - ARC LENGTH = 1860mm	CUT LENGTH = 2135mm
F - ARC LENGTH = 1985mm	CUT LENGTH = 2260mm



N01 Y20  
CUT LENGTH: 3700mm





CH11 Y32  
CUT LENGTH: 9170mm

<div>Engineers</div> <div></div> <div>ORIGINATOR: ZAA</div> <div>Date: 2019.07.26</div> <div>Compiled: DM</div> <div>Checked: MS</div> <div>Approved: J ZIETSMAN Pr Eng</div> <div>Signed:</div>		<div>MILD STEEL</div> <table><tr><td>R8</td><td>0</td></tr><tr><td>R10</td><td>211,5</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 = 212 kg</div>		R8	0	R10	211,5	R12	0	R16	0	R20	0	R32	0	<div>HIGH YIELD STEEL</div> <table><tr><td>Y10</td><td>2 998</td></tr><tr><td>Y12</td><td>418</td></tr><tr><td>Y16</td><td>0</td></tr><tr><td>Y20</td><td>23 269</td></tr><tr><td>Y25</td><td>33 289</td></tr><tr><td>Y32</td><td>29 576</td></tr></table> <div>TOTAL Y BARS = 89 548 kg</div>		Y10	2 998	Y12	418	Y16	0	Y20	23 269	Y25	33 289	Y32	29 576	<div></div> <div>Transnet National Ports Authority</div> <div>Date:</div> <div>Name:</div> <div>Signed:</div>	
R8	0																														
R10	211,5																														
R12	0																														
R16	0																														
R20	0																														
R32	0																														
Y10	2 998																														
Y12	418																														
Y16	0																														
Y20	23 269																														
Y25	33 289																														
Y32	29 576																														
<div>ZAA SCHEDULE No.</div> <div>1785-CO-060-C-SCH-0019-02 T0A</div>		<div>DCT BERTH 203 to 206 RECONSTRUCTION DEEPENING AND LENGTHENING</div>		<div>TNPA SCHEDULE No.</div> <div>2122830-1-060-C-SC-1018-02 T0A</div>																											
<div>ZAA REFERENCE DRAWING</div> <div>1785-CO-060-C-DWG-0019-03/04</div>		<div>TITLE</div> <div>REINFORCING SCHEDULE CAISSON TYPE 8 WALL</div>		<div>TNPA REFERENCE DRAWING</div> <div>2122830-1-060-C-GA-1018-03/04</div>																											