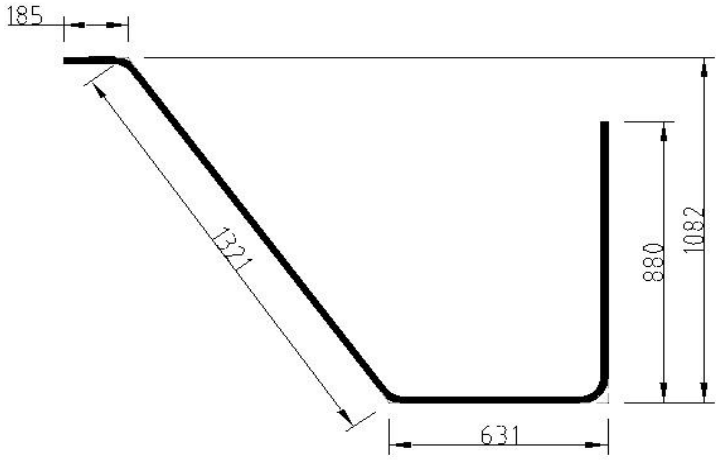
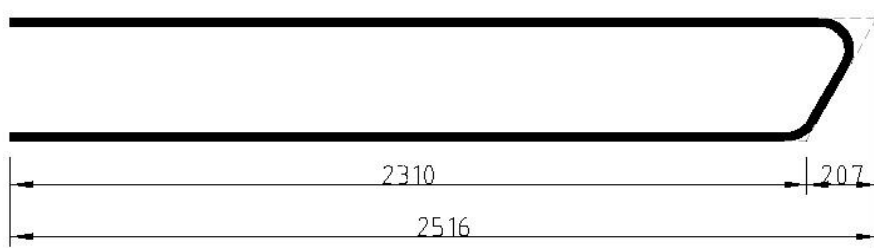








PRECAST INFILL UNIT TYPE 4B

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>INFILL UNIT TYPE 4B</b>	1	2	Y	20	<b>P401b</b>	2	3 000,0	15	38	1245	570	1245		
	1	2	Y	20	<b>P402b</b>	2	3 300,0	16	38	1245	900	1245		
	1	2	Y	20	<b>P403b</b>	2	3 300,0	16	38	1245	900	1245		
	1	2	Y	20	<b>P404b</b>	2	3 300,0	16	38	1245	900	1245		
	1	2	Y	20	<b>P405b</b>	2	2 750,0	14	38	1245	340	1245		
	1	2	Y	20	<b>P406b</b>	2	3 350,0	17	38	800	1850	800		
	1	2	Y	20	<b>P407b</b>	2	3 400,0	17	38	1245	990	1245		
	1	2	Y	20	<b>P408b</b>	2	3 200,0	16	38	1245	765	1245		
	1	2	Y	20	<b>P409b</b>	2	3 050,0	15	38	1245	615	1245		
	1	12	Y	20	<b>P410</b>	12	2 500,0	74	49	445	445	1600	383	383
	1	12	Y	20	<b>P411</b>	12	2 750,0	81	45	1240	1025	500	610	
	1	12	Y	20	<b>P412</b>	12	4 400,0	130	38	2050	380	2050		
	1	12	Y	12	<b>P413</b>	12	1 350,0	14	45	950	150	250	455	
	1	12	Y	20	<b>P414</b>	12	2 950,0	87	45	1795	705	500	875	
	1	36	Y	16	<b>P415</b>	36	2 850,0	162	38	1245	395	1245		
	1	132	Y	16	<b>P415b</b>	132	2 850,0	594	38	1245	395	1245		
	1	8	Y	20	<b>P417b</b>	8	3 250,0	64	38	1245	860	1245		
	1	2	Y	20	<b>P418b</b>	2	3 450,0	17	38	1245	1060	1245		
	1	2	Y	20	<b>P419b</b>	2	3 350,0	17	38	1245	920	1245		
	1	2	Y	20	<b>P420b</b>	2	3 200,0	16	38	1245	790	1245		
	1	2	Y	20	<b>P421b</b>	2	3 050,0	15	38	1245	630	1245		
	1	2	Y	20	<b>P422b</b>	2	4 300,0	21	38	1245	1900	1245		
	1	2	Y	20	<b>P423b</b>	2	4 250,0	21	38	1245	1840	1245		
	1	2	Y	20	<b>P424b</b>	2	4 000,0	20	38	1245	1590	1245		
	1	2	Y	20	<b>P425b</b>	2	4 050,0	20	38	1245	1650	1245		
	1	12	Y	20	<b>P426</b>	12	2 250,0	67	45	450	1343	480	405	
	1	12	Y	20	<b>P427</b>	12	3 700,0	110	38	1700	380	1700		
	1	12	Y	20	<b>P428</b>	12	2 400,0	71	62	890	795	1490		
	1	12	Y	12	<b>P429</b>	12	1 050,0	11	45	415	175	460	363	
	1	12	Y	12	<b>P430</b>	12	1 000,0	11	45	415	125	460	363	
	1	12	Y	12	<b>P431</b>	12	1 050,0	11	45	415	195	460	363	
	1	24	Y	20	<b>P432</b>	24	2 940,0	174	99	<b>SEE SKETCH</b>				
	1	12	Y	20	<b>P433</b>	12	4 700,0	139	38	2200	380	2200		
					<b>P434</b>					<b>VOID</b>				
	1	30	Y	16	<b>P435</b>	30	2 750,0	130	38	1245	340	1245		
	1	106	Y	16	<b>P435b</b>	106	2 750,0	460	38	1245	340	1245		
	1	2	Y	20	<b>P436b</b>	2	3 450,0	17	38	1245	1060	1245		
	1	2	Y	20	<b>P437b</b>	2	3 350,0	17	38	1245	920	1245		
	1	2	Y	20	<b>P438b</b>	2	3 200,0	16	38	1245	790	1245		
	1	2	Y	20	<b>P439b</b>	2	3 000,0	15	38	1245	630	1245		
	1	2	Y	20	<b>P440b</b>	2	3 300,0	16	38	1245	900	1245		
	1	2	Y	20	<b>P441b</b>	2	2 050,0	10	38	1245	900	1245		
	1	2	Y	20	<b>P442b</b>	2	1 560,0	8	38	1245	730	1245		
	1	2	Y	20	<b>P443b</b>	2	1 650,0	8	38	1245	530	1245		
	1	2	Y	20	<b>P444b</b>	2	3 000,0	15	38	1245	580	1245		
	1	2	Y	20	<b>P445b</b>	2	3 250,0	16	38	1245	855	1245		
	1	2	Y	20	<b>P446b</b>	2	3 550,0	18	38	1245	1120	1245		
	1	2	Y	20	<b>P447b</b>	2	3 450,0	17	38	1245	1040	1245		
	1	2	Y	20	<b>P448b</b>	2	3 550,0	18	38	1245	1120	1245		
	1	2	Y	20	<b>P449b</b>	2	2 850,0	14	38	1245	420	1245		
	1	2	Y	20	<b>P450b</b>	2	3 000,0	15	38	1245	600	1245		
	1	2	Y	20	<b>P451b</b>	2	3 250,0	16	38	1245	820	1245		
	1	2	Y	20	<b>P452b</b>	2	3 350,0	17	38	800	1850	800		
	1	12	Y	20	<b>P453</b>	12	6 550,0	194	38	3130	380	3130		
					<b>P454</b>					<b>VOID</b>				
	1	12	Y	12	<b>P455</b>	12	1 050,0	11	45	415	195	460	363	
	1	12	Y	12	<b>P456</b>	12	1 000,0	11	45	415	125	460	363	
	1	12	Y	20	<b>P457</b>	12	1 200,0	36	34	1000				
	1	12	Y	20	<b>P458</b>	12	3 800,0	113	38	1750	380	1750		
	1	12	Y	20	<b>P459</b>	12	2 500,0	74	49	335	335	1790	250	250
	1	90	Y	16	<b>P460b</b>	90	1 900,0	270	38	1245	340	360		
	1	21	Y	16	<b>P461</b>	21	9 650,0	320	20	9650				
	1	4	Y	25	<b>P462</b>	4	11 000,0	170	20	11000				
	1	21	Y	16	<b>P463</b>	21	6 700,0	222	20	6700				
	1	4	Y	25	<b>P464</b>	4	10 150,0	156	20	10150				
	1	21	Y	16	<b>P465</b>	21	4 050,0	134	20	4050				
	1	4	Y	25	<b>P466</b>	4	6 500,0	100	20	6500				
					<b>P467</b>					<b>VOID</b>				
	1	57	Y	12	<b>P468</b>	57	650,0	33	85	150	365	96	96	
	1	6	Y	16	<b>P469</b>	6	2 450,0	23	38	700	1115	700		
	1	12	Y	16	<b>P470</b>	12	1 650,0	31	38	700	300	700		
	1	24	Y	10	<b>P471</b>	24	1 050,0	16	85	120	810	80	80	
	1	2	Y	20	<b>P472b</b>	2	4 150,0	21	38	1245	1720	1245		

PRECAST INFILL UNIT TYPE 4B

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	14	Y	12	A401	14	5 750,0	72	20	5750				
	1	10	Y	12	A402	10	5 200,0	46	20	5200				
	1	10	Y	12	A403	10	4 600,0	41	20	4600				
	1	10	Y	12	A404	10	4 100,0	36	20	4100				
	1	10	Y	12	A405	10	3 550,0	32	20	3550				
	1	10	Y	12	A406	10	3 050,0	27	20	3050				
	1	10	Y	12	A407	10	2 500,0	22	20	2500				
	1	1	Y	16	A408	1	3 050,0	5	38	360	2400	360		
	1	1	Y	16	A409	1	3 000,0	5	38	360	2340	360		
	1	1	Y	16	A410	1	2 950,0	5	38	360	2300	360		
	1	1	Y	16	A411	1	2 900,0	5	38	360	2230	360		
	1	1	Y	16	A412	1	2 850,0	5	38	360	2180	360		
	1	1	Y	16	A413	1	2 800,0	4	38	360	2120	360		
	1	1	Y	16	A414	1	2 700,0	4	38	360	2050	360		
	1	1	Y	16	A415	1	2 650,0	4	38	360	2010	360		
	1	1	Y	16	A416	1	2 600,0	4	38	360	1960	360		
	1	1	Y	16	A417	1	2 550,0	4	38	360	1900	360		
	1	1	Y	16	A418	1	2 450,0	4	38	360	1800	360		
	1	1	Y	16	A419	1	2 350,0	4	38	360	1690	360		
	1	1	Y	16	A420	1	2 250,0	4	38	360	1580	360		
	1	1	Y	16	A421	1	2 150,0	3	38	360	1470	360		
	1	1	Y	16	A422	1	2 200,0	4	38	360	1550	360		
	1	64	Y	16	A424	64	3 500,0	354	38	1600	360	1600		
	1	10	Y	16	A425	10	3 300,0	52	38	1500	360	1500		
	1	64	Y	16	A426	64	2 500,0	253	38	1100	360	1100		
	1	10	Y	16	A427	10	2 300,0	36	38	1000	360	1000		
	1	6	Y	12	A430	6	1 950,0	10	20	1950				
	1	6	Y	12	A431	6	3 050,0	16	20	3050				
	1	6	Y	12	A432	6	4 150,0	22	20	4150				
	1	6	Y	12	A433	6	5 250,0	28	20	5250				
	1	6	Y	12	A434	6	6 350,0	34	20	6350				
	1	6	Y	12	A435	6	7 450,0	40	20	7450				
	1	7	Y	12	A436	7	8 600,0	53	20	8600				
	1	12	Y	12	A437	12	9 700,0	103	20	9700				
	1	6	Y	16	A438	6	1 250,0	12	38	500	316	500		
	1	49	Y	16	A439	49	2 250,0	174	38	1000	316	1000		
	1	6	Y	16	A440	6	2 950,0	28	38	1350	316	1350		
	1	30	Y	16	A441	30	4 050,0	192	38	1900	316	1900		
	1	7	Y	16	A442	7	4 450,0	49	38	2100	316	2100		
	1	12	Y	16	A443	12	3 550,0	67	38	1650	316	1650		
	1	29	Y	25	A444	29	2 050,0	229	49	510	510	1020	380	380
	1	39	Y	25	A445	39	1 550,0	233	49	300	300	950	225	225
	1	39	Y	25	A446	39	1 700,0	256	49	315	315	1030	237	237
	1	70	Y	10	A447	70	600,0	26	85	150	330	96	100	
	1	14	Y	25	G401	14	5 700,0	308	20	5700				
	1	10	Y	25	G402	10	5 150,0	198	20	5150				
	1	10	Y	25	G403	10	4 600,0	177	20	4600				
	1	10	Y	25	G404	10	4 100,0	158	20	4100				
	1	10	Y	25	G405	10	3 550,0	137	20	3550				
	1	10	Y	25	G406	10	3 000,0	116	20	3000				
	1	10	Y	20	G407	10	2 500,0	62	20	2500				
	1	1	Y	16	G408	1	350,0	1	20	360	2400	360		
	1	1	Y	16	G409	1	2 950,0	5	38	360	2300	360		
	1	1	Y	16	G410	1	2 900,0	5	38	360	2250	360		
	1	1	Y	16	G411	1	2 850,0	5	38	360	2200	360		
	1	1	Y	16	G412	1	2 800,0	4	38	360	2150	360		
	1	1	Y	16	G413	1	2 750,0	4	38	360	2100	360		
	1	1	Y	16	G414	1	2 650,0	4	38	360	2000	360		
	1	1	Y	16	G415	1	2 650,0	4	38	360	2000	360		
	1	1	Y	16	G416	1	2 600,0	4	38	360	1950	360		
	1	1	Y	16	G417	1	2 550,0	4	38	360	1900	360		
	1	1	Y	16	G418	1	2 450,0	4	38	360	1800	360		
	1	1	Y	16	G419	1	2 350,0	4	38	360	1700	360		
	1	1	Y	16	G420	1	2 200,0	4	38	360	1550	360		
	1	1	Y	16	G421	1	2 100,0	3	38	360	1450	360		
	1	1	Y	16	G422	1	2 200,0	4	38	360	1550	360		
	1	6	Y	16	G430	6	1 950,0	19	20	1950				
	1	6	Y	25	G431	6	3 000,0	69	20	3000				
	1	6	Y	25	G432	6	4 000,0	93	20	4000				
	1	6	Y	25	G433	6	5 000,0	116	20	5000				
	1	6	Y	25	G434	6	6 350,0	147	20	6350				
	1	6	Y	25	G435	6	7 400,0	171	20	7400				
	1	7	Y	25	G436	7	8 500,0	229	20	8500				
	1	12	Y	25	G437	12	9 650,0	446	20	9650				

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																																																																																				
<div><p>P432</p></div> <div><p>P476</p></div>																																																																																																		
<table><tr><td rowspan="7"><b>Engineers</b>  ORIGINATOR: ZAA Date: 2019.07.26 Compiled: DM Checked: MC Approved: J ZIETSMAN Pr Eng Signed:</td><td colspan="2">MILD</td><td>R8</td><td>0</td><td rowspan="7">HIGH YIELD STEEL</td><td>Y10</td><td>41</td><td rowspan="7"> Transnet National Ports Authority Date: Name: Signed:</td></tr><tr><td colspan="2">STEEL</td><td>R10</td><td>0</td><td>Y12</td><td>685</td></tr><tr><td colspan="2"></td><td>R12</td><td>0</td><td>Y16</td><td>3 701</td></tr><tr><td colspan="2"></td><td>R16</td><td>0</td><td>Y20</td><td>2 033</td></tr><tr><td colspan="2"></td><td>R20</td><td>0</td><td>Y25</td><td>3 508</td></tr><tr><td colspan="2"></td><td>R32</td><td>0</td><td>Y32</td><td>0</td></tr><tr><td colspan="2">TOTAL R BARS =</td><td>0</td><td>kg</td><td colspan="2">TOTAL Y BARS =</td><td>9 969</td><td>kg</td></tr><tr><td colspan="8">ZAA SCHEDULE No. 1785-CO-060-C-SCH-0027-02 T0A</td><td colspan="2">TNPA SCHEDULE No. 2122830-1-060-C-SC-1026-02 T0A</td></tr><tr><td colspan="8">ZAA REFERENCE DRAWING 1785-CO-060-C-DWG-0027-03/04</td><td colspan="2">TNPA REFERENCE DRAWING 2122830-1-060-C-GA-1026-03/04</td></tr><tr><td colspan="16">DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING  REINFORCEMENT SCHEDULE PRECAST INFILL UNIT TYPE 4B</td></tr></table>																<b>Engineers</b>  ORIGINATOR: ZAA Date: 2019.07.26 Compiled: DM Checked: MC Approved: J ZIETSMAN Pr Eng Signed:	MILD		R8	0	HIGH YIELD STEEL	Y10	41	 Transnet National Ports Authority Date: Name: Signed:	STEEL		R10	0	Y12	685			R12	0	Y16	3 701			R16	0	Y20	2 033			R20	0	Y25	3 508			R32	0	Y32	0	TOTAL R BARS =		0	kg	TOTAL Y BARS =		9 969	kg	ZAA SCHEDULE No. 1785-CO-060-C-SCH-0027-02 T0A								TNPA SCHEDULE No. 2122830-1-060-C-SC-1026-02 T0A		ZAA REFERENCE DRAWING 1785-CO-060-C-DWG-0027-03/04								TNPA REFERENCE DRAWING 2122830-1-060-C-GA-1026-03/04		DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING  REINFORCEMENT SCHEDULE PRECAST INFILL UNIT TYPE 4B															
<b>Engineers</b>  ORIGINATOR: ZAA Date: 2019.07.26 Compiled: DM Checked: MC Approved: J ZIETSMAN Pr Eng Signed:	MILD		R8	0	HIGH YIELD STEEL	Y10	41	 Transnet National Ports Authority Date: Name: Signed:																																																																																										
	STEEL		R10	0		Y12	685																																																																																											
			R12	0		Y16	3 701																																																																																											
			R16	0		Y20	2 033																																																																																											
			R20	0		Y25	3 508																																																																																											
			R32	0		Y32	0																																																																																											
	TOTAL R BARS =		0	kg		TOTAL Y BARS =			9 969	kg																																																																																								
ZAA SCHEDULE No. 1785-CO-060-C-SCH-0027-02 T0A								TNPA SCHEDULE No. 2122830-1-060-C-SC-1026-02 T0A																																																																																										
ZAA REFERENCE DRAWING 1785-CO-060-C-DWG-0027-03/04								TNPA REFERENCE DRAWING 2122830-1-060-C-GA-1026-03/04																																																																																										
DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING  REINFORCEMENT SCHEDULE PRECAST INFILL UNIT TYPE 4B																																																																																																		