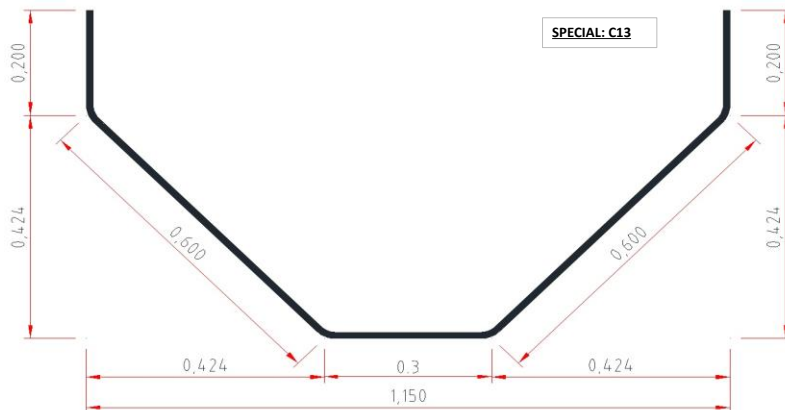




STORM WATER MANHOLE TYPE 1A

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
MANHOLE 1A	17	30	Y	16	B01	510	2 900,0	2334	38	280	2380	280		
	17	24	Y	16	B02	408	2 450,0	1578	38	1150	205	1150		
	17	24	Y	16	B03	408	2 350,0	1513	38	260	1880	260		
	17	40	Y	16	W01	680	4 100,0	4400	20	4100				
	17	172	Y	12	W02	2924	1 700,0	4413	38	750	230	750		
	17	76	Y	12	W03	1292	1 900,0	2179	20	1900				
	17	16	Y	12	W04	272	1 600,0	386	20	1600				
	17	44	Y	16	W05	748	3 300,0	3896	20	3300				
	17	16	Y	16	W06	272	3 300,0	1417	52	1850	206	990	340	
	17	80	Y	12	W07	1360	1 400,0	1690	20	1400				
	17	12	Y	12	W08	204	1 750,0	317	38	770	230	770		
	17	6	Y	12	W09	102	1 400,0	127	60	330	230			
	17	32	Y	16	W10	544	1 200,0	1030	20	1200				
	17	16	Y	16	C01	272	2 100,0	902	38	130	1880	130		
	17	16	Y	16	C02	272	950,0	408	38	130	730	130		
	17	14	Y	16	C03	238	2 300,0	864	38	130	2080	130		
	17	14	Y	16	C04	238	1 150,0	432	38	130	930	130		
	17	20	Y	12	C05	340	1 350,0	408	38	640	96	640		
	17	11	Y	16	C06	187	450,0	133	37	260	230			
	17	2	Y	12	C07	34	1 050,0	32	20	1080				
	17	2	Y	12	C08	34	2 050,0	62	20	2080				
	17	1	Y	16	C09a	17	3 550,0	95	37	1690	1890			
	17	1	Y	16	C09b	17	3 800,0	102	37	1810	2000			
	17	2	Y	16	C09c	34	3 900,0	209	37	1870	2070			
	17	46	Y	12	C10	782	1 200,0	833	72	260	250			
	17	20	Y	12	C11	340	550,0	166	85	144	260	96	96	
	17	10	R	8	C12	170	700,0	47	72	110	270			
	17	2	Y	12	C13	34	1 890,0	57	99	SPECIAL - SEE SKETCH				
	17	4	Y	12	C14	68	1 000,0	60	62	500	350	500		
	17	2	Y	12	C15	34	1 000,0	30	20	1000				



Engineers						
ORIGINATOR: ZAA						Transnet National Ports Authority
Date: 2019.07.26						Date:
Compiled: DM						Name:
Checked: MC						Signed:
Approved: J ZIETSMAN Pr Eng						
Signed:						
ZAA SCHEDULE No. 1785-CO-150-C-SCH-0005-01 T0A	DCT BERTHS 203 to 205 RECONSTRUCTION DEEPENING AND LENGTHENING				TNPA SCHEDULE No. 2122830-1-150-C-SC-1004-01 T0A	
ZAA REFERENCE DRAWING 1785-CO-150-C-DWG-0005-02	TITLE	REINFORCEMENT SCHEDULE STORM WATER MANHOLE TYPE 1A			TNPA REFERENCE DRAWING 2122830-1-150-C-GA-1004-02	