BAR BENDING SCHEDULE

MEMBER	BAR MARK	TYPE & SIZE	No. OF MEMBERS	No. IN EACH	TOTAL No.	LENGTH BAR	SHAPE	SQ. M. A 252	LENGTH Y 8	LENGTH Y 10	LENGTH Y 12	LENGTH Y16
TRANSFERED FROM SHEET 1								704.0		3648.2		
SEDIMENTATION	98	Y 10	1	15	15	1200	600 600			18.0		
TANK, END WALL(3)	99	Y 10	1	7	7	1500	600 900			10.5		
END WALL(4)	101	Y 16	1	38	38	2850	2850					
	102	Y 16	1	10	10	1950	1950					
	103	Y 16	1	38	38	2850	2850					
	104	Y 10	1	20	20	8500	8500			170.0		
	105	Y 10	1	8	8	3800	3800			30.4		
	106	Y 10	1	26	26	1450	600 850 Bending to site			37.7		
	107	Y 10	1	6	6	4100	4100			24.6		
	108	Y 10	1	8	8	3800	3800			30.4		
	109	Y 10	1	26	26	1450	600 850 Bending to site			37.7		
	110	Y 10	1	6	6	4900	4900			29.4		
	111	Y 10	1	2	2	1000	1000			20		
	112	Y 10	1	7	7	1700	300 850 300 150			11.9		
	113	Y 10	1	2	2	1500	300 900 300			3.0		
	114	Y 10	1	10	10	1200	600 600			12.0		
	115	Y 10	1	10	10	1200	600 600			12.0		
MIDDLE WALL	117	Y 10	1	40	40	2950	2950			118.0		
	118	Y 10	1	5	5	3450	3450			17.3		
	119	Y 10	1	62	62	2950	2950			182.9		
	120	Y 10	1	120	120	1000	500 500			120.0		
	121	Y 10	1	14	14	1500	500 1000			21.0		
	122	Y 10	1	8	8	11150	11150			89.2		
	123	Y 10	1	7	7	10150	10150			71.1		
	124	Y 10	1	40	40	2000	2000					80.0
	125	Y 10	1	22	22	5500	5500			1210		
	126	Y 10	1	22	22	10100	10100			222.2		
	127	Y 10	1	50	50	900	400 500			45.0		
	128	Y 10	1	5	5	5600	500 500 4600			28.0		
	129	Y 10	1	4	4	1050	200 200 650			4.2		
	130	Y 10	1	4	4	3550	1450 650 1450			14.2		
	131	Y 10	1	12	12	1650	500 500 650			19.8		
	132	Y 10	2	4	4	1700	1700			13.6		
	133	Y 10	1	10	10	1650	500 500 650			16.5		
DECANTATION THROUGH	135	Y 10	4	7	7	4100	4100			114.8		
	136	Y 10	4	21	21	900	200 200 500			75.6		
GANGWAY	137	Y 10	1	7	7	5900	5900			41.3		
	138	Y 10	1	7	7	9000	9000			63.0		
	149	Y 10	1	45	45	850	850			38.3		
	140	Y 10	1	4	4	850	850					
RAPID SAND	145	A252					SQ. MESH FABRIC	100				
FILTER, BOTTOM	146	Y 16	2	47	47	1250	550 550 150					117.5
SLAB	147	Y 16	4	18	18	1250	550 550 150					90.0
	148	Y 12	1	50	50	2550	1000				127.5	
	149	Y 10	1	12	12	9750	9750 CY			117.0		
	150	Y 10	1	50	50	1350	1050 3000			67.5		

MEMBER	BAR MARK	TYPE & SIZE	No. OF MEMBERS	No. IN EACH	TOTAL No.	LENGTH BAR	SHAPE	SQ. M. A 252	LENGTH Y 8	LENGTH Y 10	LENGTH Y 12	LENGTH Y16
BOTTOM SLAB	151	Y 10	1	6	6	9750	9750			58.5	96.–	
	152	Y 10	1	50	50	1800	1100 700			90.0		
	153	Y 10	1	6	6	9750	9750			58.5		
	154	Y 10	2	5	10	700	700			7.0		
END WALL (1)	155	Y 16	1	94	94	2700	2700					253.8
	156	Y 12	1	94	94	1500	1500				141.0	
	157	Y 10	1	16	16	10250	700 700 8850			164.0		
	158	Y 10	1	16	16	10250	550 550 9150			164.0		
	159	Y 10	1	7	7	1600	600 1000			11.2		
	160	Y 10	4	16	64	1200	600 600			76.8		
	161	Y 10	2	4	8	800	800			6.4		
	162	Y 10	1	47	47	1500	650 850			141.0		
END WALL (2)	163	Y 16	1	94	94	2700	2700					253.8
	164	Y 12	1	94	94	1500	1500				141.0	
	165	Y 10	1	16	16	10250	700 700 8850			164.0		
	166	Y 10	1	16	16	10250	550 550 9150			164.0		
	167	Y 10	4	16	64	1200	600 600			76.8		
SIDE WALL &	168	Y 16	4	36	144	2700	2700					388.8
MIDDLE WALLS	169	Y 12	4	36	144	1500	1500				216.0	
	170	Y 10	2	32	64	3600	3600			230.4		
	171	Y 10	2	14	28	1600	600 1000 Bending to site			44.8		
	172	Y 10	2	14	28	1600	600 1000 Bending to site			44.8		
MIDDLE WALLS	173	Y 10	2	32	64	3800	3800			243.2		
GANGWAY	174	A 252	2	5	10	900	900			9.0		
	175	Y 10	2	10	20	900	900			18.0		
	176	Y 10	1	7	7	9150	9150			64.1		
	177	Y 10	1	46	46	900	900			41.4		
	178	Y 10	1	7	7	1500	1500			10.5		
	179	Y 10	1	5	5	900	900			4.5		
	180	Y 10	1	5	5	900	900			4.5		
	181	Y 10	1	4	4	10350	600 600 9150			41.4		
	182	Y 10	1	4	4	10350	600 600 9150			41.4		
	183	Y 10	1	47	47	1300	650 650			61.1		
FLOOR	185	A 252	6	1	1	3.2X1.25		24.0				
	186	Y 10	3	14	42	2100	2100			88.2		
	187	Y 10	3	14	42	2000	2000			84.0		
	188	Y 10	3	9	27	2700	2700			72.9		
	189	Y 10	3	9	27	2700	2700			72.9		
SUPPORTS	190	Y 10	6	2	12	3100	3100			37.2		
SUB TOTAL								828.0		8093.8	625.5	2784.3
WEIGHT KG/M										0.616	0.888	1579
WEIGHT SUB TOTAL										4985.8	555.5	4396.5
WEIGHT TOTAL								828 SQM			9937.8KGS	

MINISTRY OF WATER & IRRIGATION- MAJI HOUSE

STANDARD 3000M³ PER DAY TREATMENT PLANT

BAR BENDING SCHEDULE

DESIGNED	M. CHRISTIANSEN	APRIL 1987	SHEET 22 OF 25
TRACED	M. ODIKO	APRIL 1987	SCALE: AS SHOWN
DIGITIZED	W. AMWATA	MAR 2010	DRG. NO.
CHECKED	ENG. B.I KASABULI	MAR 2010	M.W.I
APPROVED	D.W.S	JUNE 2010	003-STD-016