



**80mm O/FLOW DETAIL**  
SCALE 1:30

COMPONENT	No.	BAR MARK	No.	BAR DIA.	UNBENT LENGTH	BENDING	REMARKS	
FLOOR SLAB	1		a1	4	2250	STRAIGHT		
			a2	4	3750			
			a3	4	4725			
			a4	4	5475			
			a5	4	6150			
			a6	4	6750			
			a7	4	7125			
			a8	4	7500			
			a9	4	7875			
			a10	4	8175			
			a11	4	8475			
			a12	4	8750			
			a13	4	8900			
			a14	4	9075			
			a15	4	9225			
			a16	4	9300			
			a17	4	9400			
			a18	4	9500			
			a19	4	9525			
			WALL					b
c	14	30550				BENT TO INT. RADIUS OF 4775 2 LENGTHS 10500 1 LENGTH 7750 WITH 3 LAPS OF 600 EACH (NET LENGTH OF BAR 28750)		
d	9	29976				BENT TO INT. RADIUS OF 4500 2 LENGTHS 1 LENGTH 7175 WITH 3 LAPS OF 600 EACH (NET LENGTH OF 1 BAR 28175)		
e	4	30675				BENT TO INT. RADIUS OF 4425 2 LENGTHS 11500 1 LENGTH 6675 WITH 3 LAPS OF 600 EACH (NET LENGTH OF 1 BAR 27675)		
f	2	30275				BENT TO INT. RADIUS OF 4610 2 LENGTHS 11500 1 LENGTH 7875 WITH 3 LAPS OF 600 EACH (NET LENGTH OF 1 BAR 28875)		
g	2	29800				BENT TO INT. RADIUS OF 4537 2 LENGTHS 11500 1 LENGTH 7475 WITH 3 LAPS OF 600 EACH (NET LENGTH OF 1 BAR 28475)		
h	2	30250				BENT TO INT. RADIUS OF 4460 2 LENGTHS 11500 1 LENGTH 7000 WITH 3 LAPS OF 600 EACH (NET LENGTH OF 1 BAR 28000)		
i	3	30250				BENT TO INT. RADIUS OF 4665 2 LENGTHS 11500 1 LENGTH 8200 WITH 3 LAPS OF 450 EACH (NET LENGTH OF 1 BAR 29200)		
j	3	30250				BENT TO INT. RADIUS OF 4575 2 LENGTHS 11500 1 LENGTH 7750 WITH 3 LAPS OF 450 EACH (NET LENGTH OF 1 BAR 28750)		
x	3	30400				BENT TO INT. RADIUS OF 4665 2 LENGTHS 11500 1 LENGTH 6400 WITH 3 LAPS OF 400 EACH (NET LENGTH OF 1 BAR 29200)		
l	3	29950				BENT TO INT. RADIUS OF 4575 2 LENGTHS 11500 1 LENGTH 7750 WITH 3 LAPS OF 400 EACH (NET LENGTH OF 1 BAR 28750)		

**GENERAL NOTES**

1. THE 10mm THICK 2:1 SAND:CEMENT PLASTER TO BE FLOATED TO A SMOOTH FINISH WITH A STEEL STRAIGHT EDGE UNTIL A DENSE SURFACE RICH IN CEMENT IS OBTAINED. GROOVE FOR BONDEX JOINT TO BE FORMED AT THE SAME TIME
2. THE TANK WALL MUST NOT BE BONDED TO THE FLOOR SLAB. TO ENSURE THIS, BEFORE COMMENCING TO BUILD THE TANK WALL THE SURFACE TO THE FLOOR SLAB IS TO BE WELL COATED WITH BITUMEN(UNDER WALL ONLY)
3. ALL BALLAST FOR CONCRETE TO BE BROKEN FROM SOUND ROCK TO A MINIMUM SIZE OF 20mm. IT MUST PASS THROUGH A 22mm MESH SCREEN AND SHOULD BE EVENLY GRADED TO 6mm SIZE SO THAT APPROX. 50% IS RETAINED ON A 13mm MESH AND NOT LESS THAN 15% PASSES A 10mm MESH.
4. ALL SAND USED MUST BE CLEAN, SHARP AND FREE FROM ALL EARTH, CLAY, VEGETATION AND OTHER DELETERIOUS MATTER.
5. WALL STONE IS TO BE SOAKED FOR 24HRS IN WATER BEFORE LAYING.
6. PARTICULAR CARE SHOULD BE TAKEN TO ENSURE THAT ALL JOINTS BTWN STONES IN THE WALL ARE FILLED WITH MORTAR. ALL JOINTS ESTIMATED AS 25mm.
7. 30mm MIN COVER TO ALL REINFORCEMENT TO BE PROVIDED.

MINISTRY OF WATER &  
IRRIGATION- MAJI HOUSE



225M<sup>3</sup> MASONRY STORAGE TANK  
OR SUCTION SUMP

SHEET 3 OF 6			
DRAWN	S. OWIND	JULY 1979	SCALE: AS SHOWN
DIGITIZED	ALUCHIO M.F	JUNE 2009	DRG. NO.
CHECKED	ENG. BI KASABULI	JUNE 2009	M.W.I
APPROVED	D.W.S	JUNE 2009	013-TYPE-072