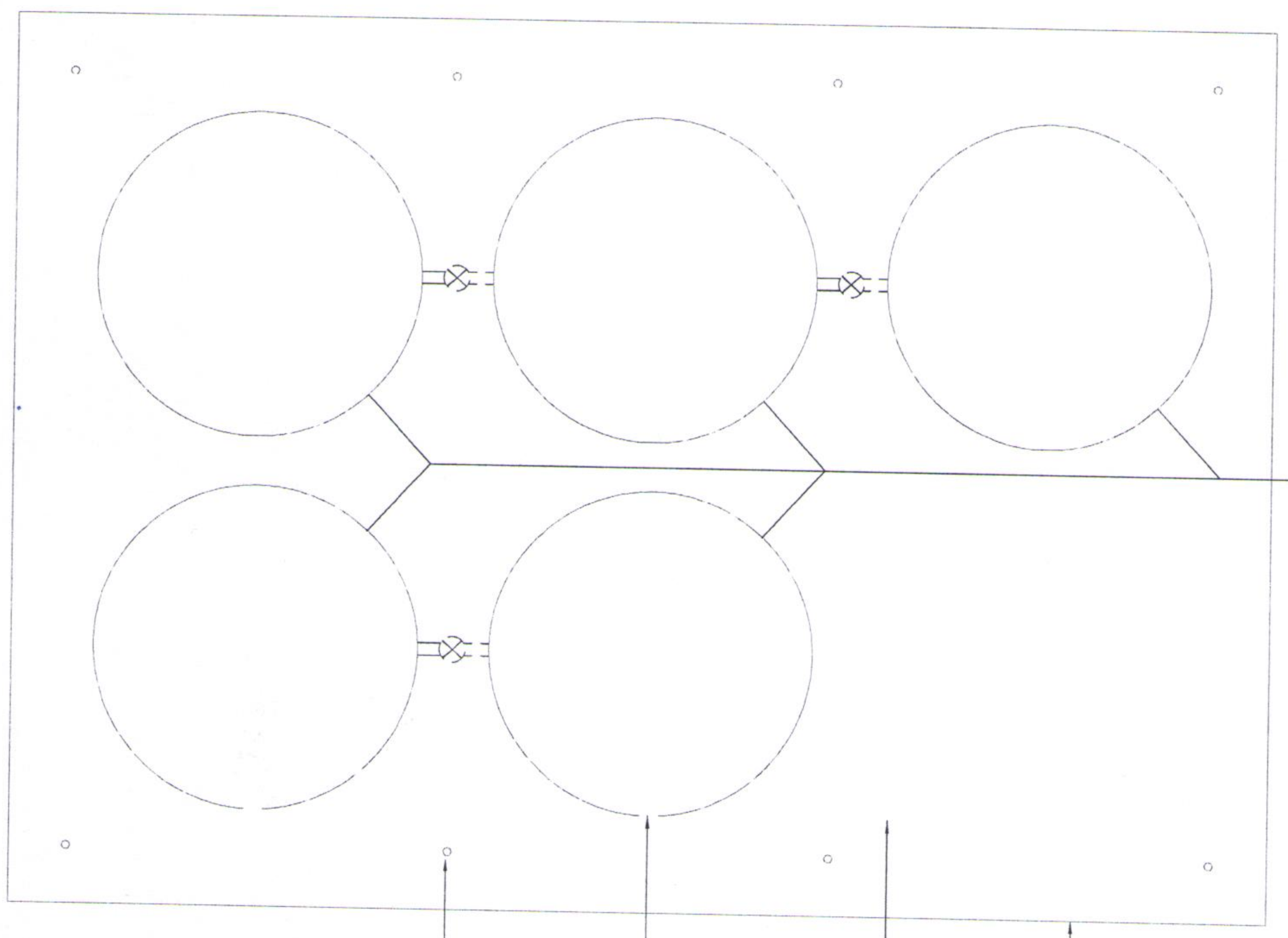


5479

7763



New foundation for tanks

75mm concrete screed (Provide R6@150 BW single net)

New tanks (5k L)

Roof supporting pipes

○ Roof supporting frame pipes

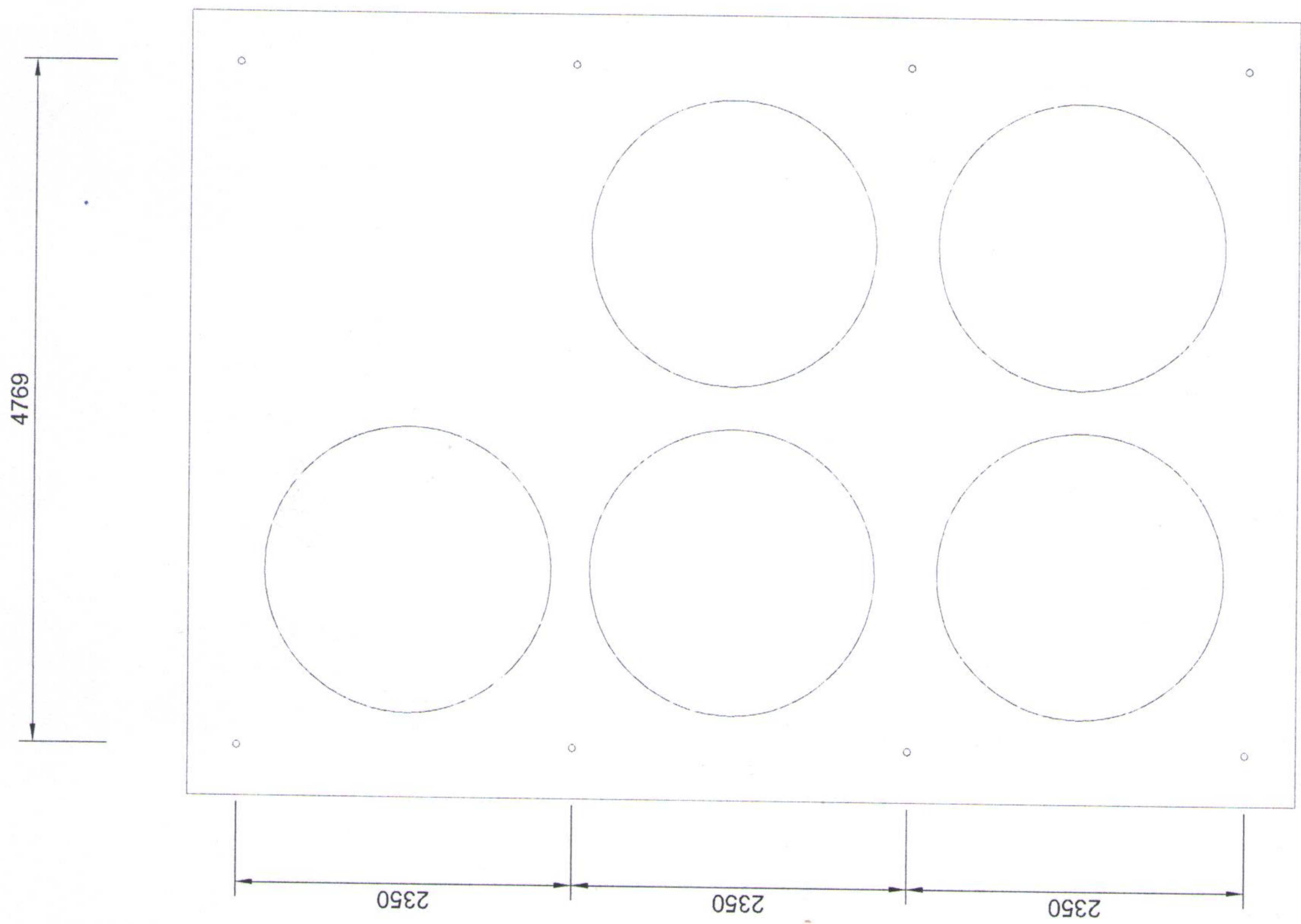
- - X - - Connecting pipes (at top of tank)

X Taps

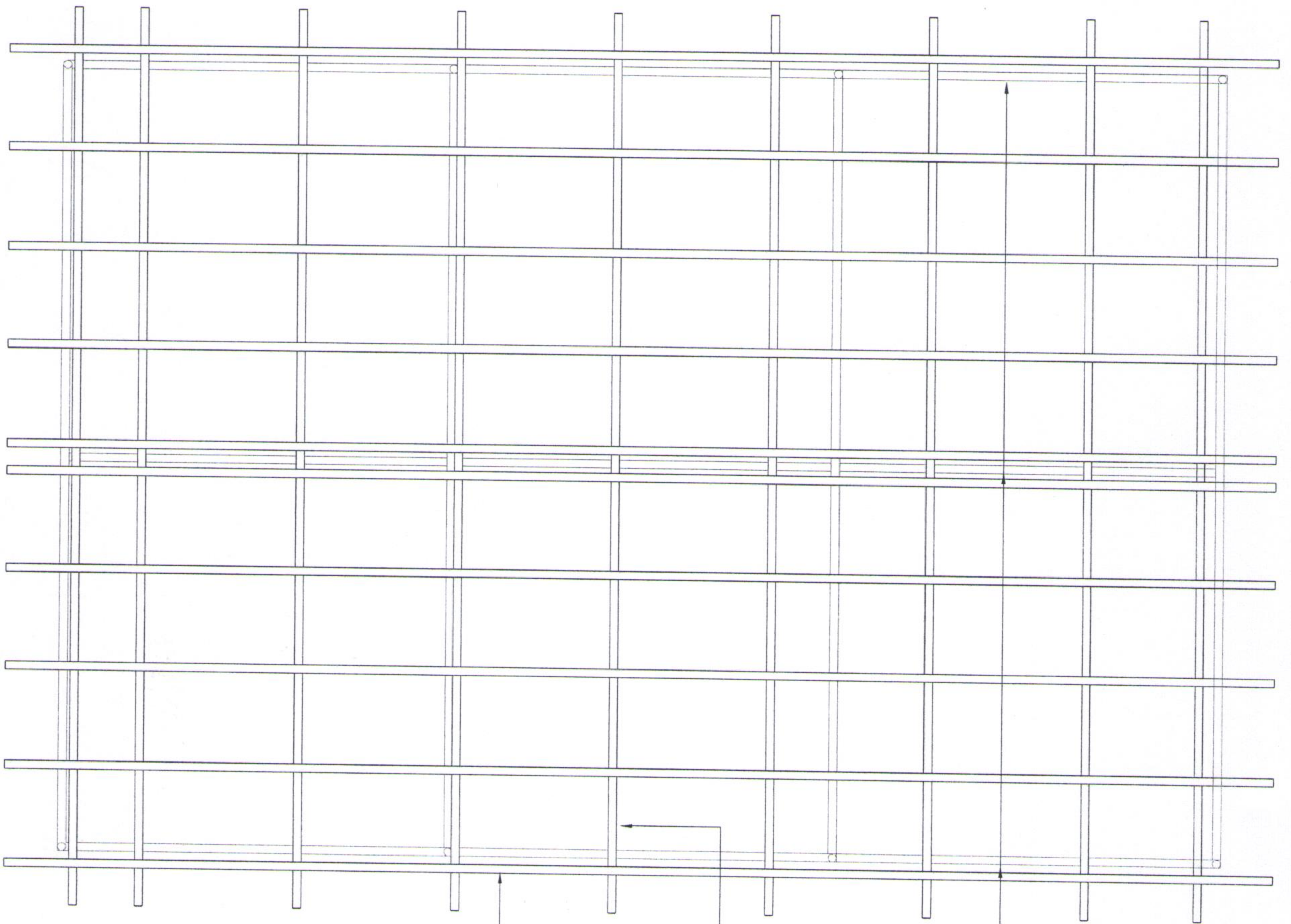
WATER TANK ARRANGEMENT - PLAN
KUDA MISKITY SITE



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ROOF SUPPORTING PIPE ARRANGEMENT - PLAN
KUDA MISKIY SITE



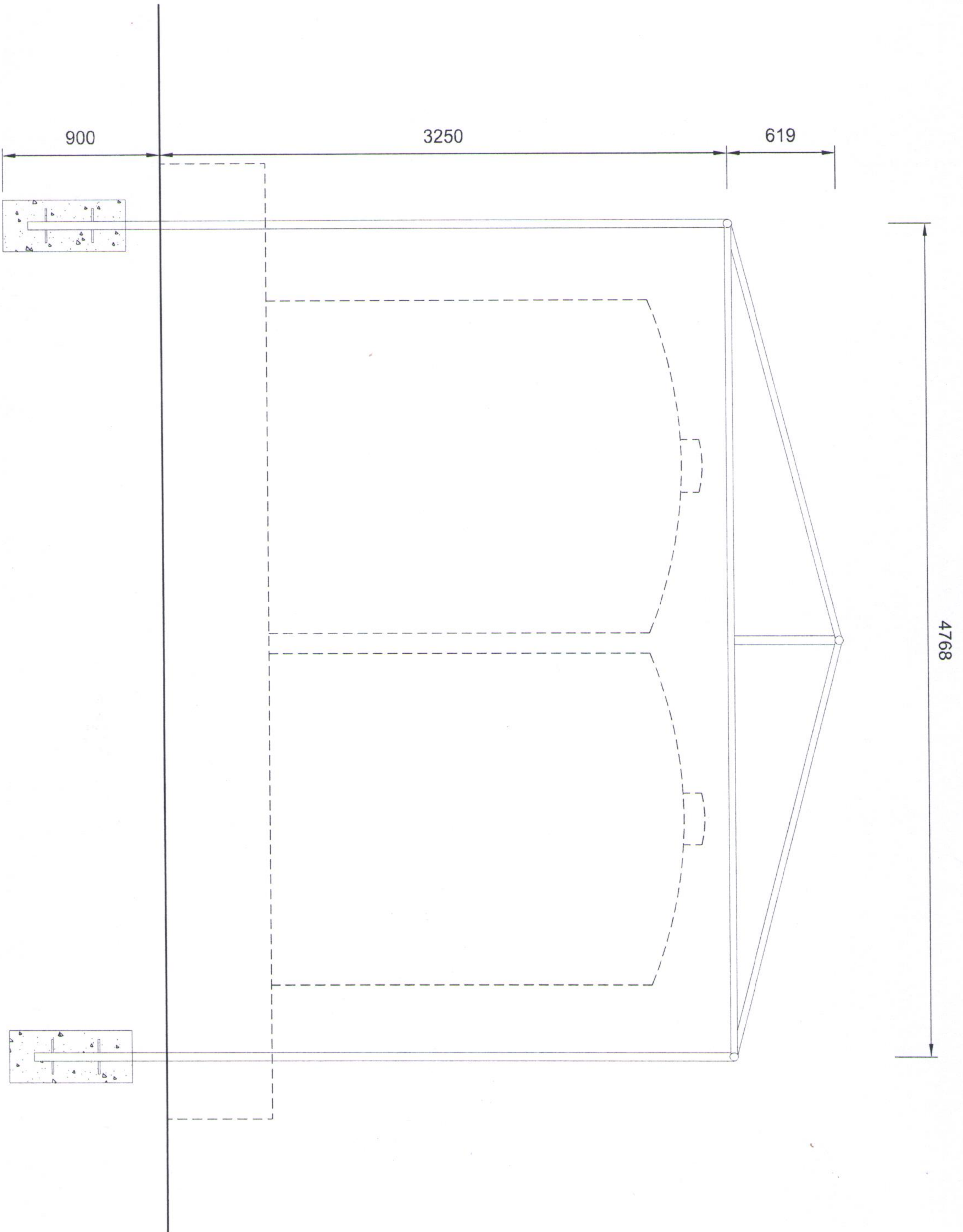
50mmØ G.I pipe
between frames

100x50 Timber
rafters @ 1000 c/c

50x38 Timber
battens @ 600c/c

ROOF FRAMING PLAN
KUDA MISKIY SITE

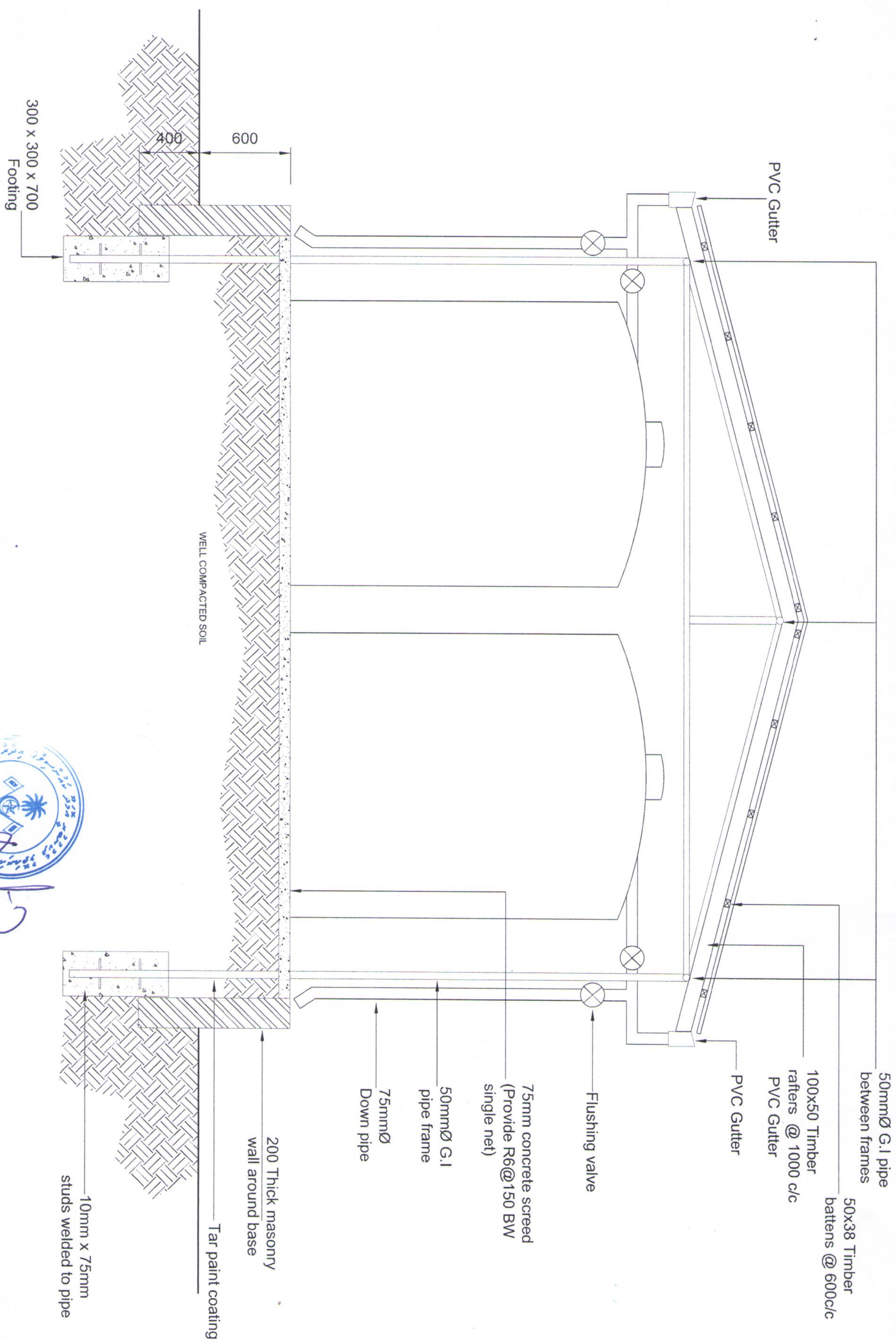




ROOF SUPPORTING FRAME DETAIL
KUDA MISKIV SITE

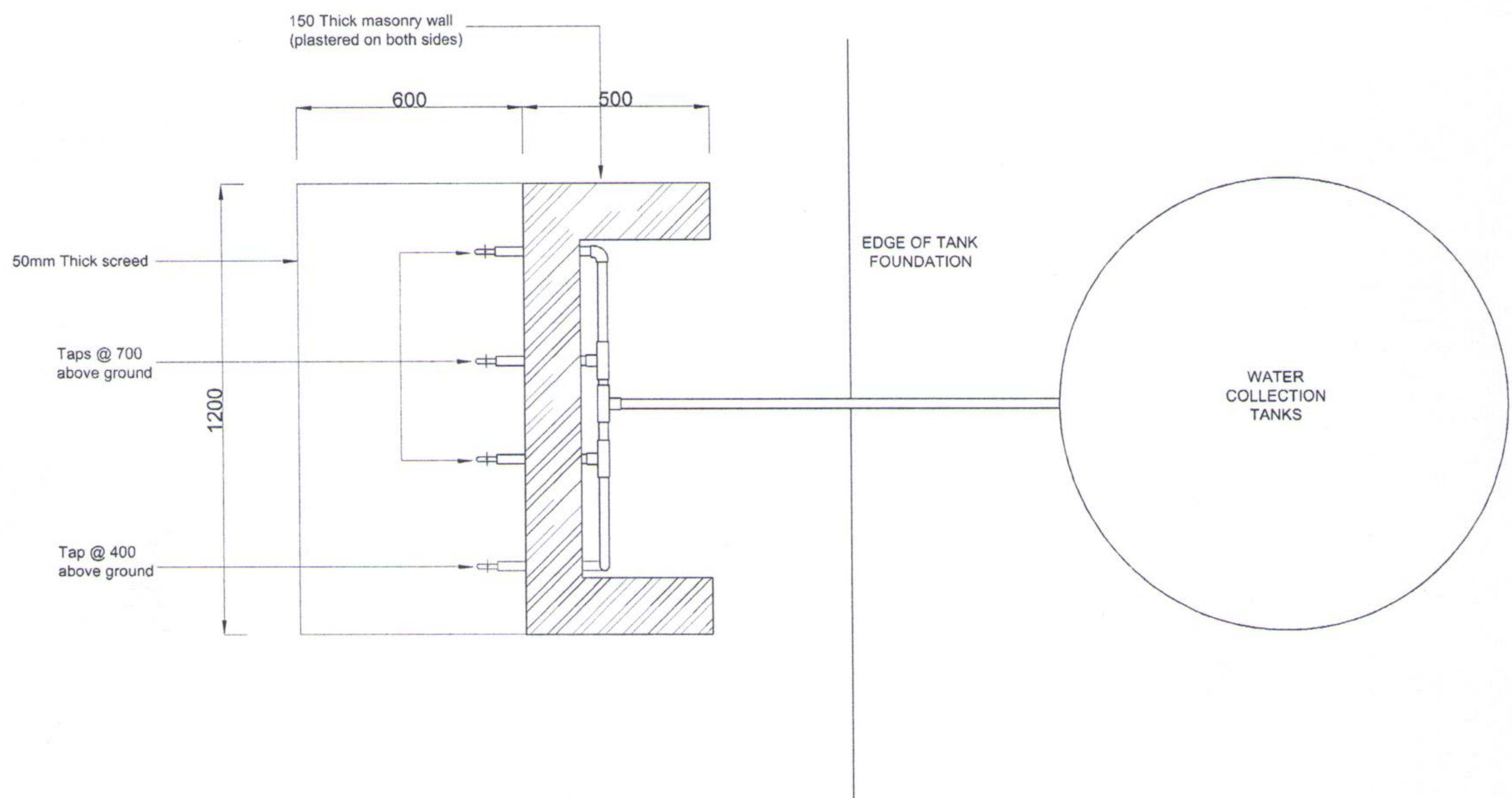
- 50mmØ G.I pipe frames
- All welds are 5mm fillet welds





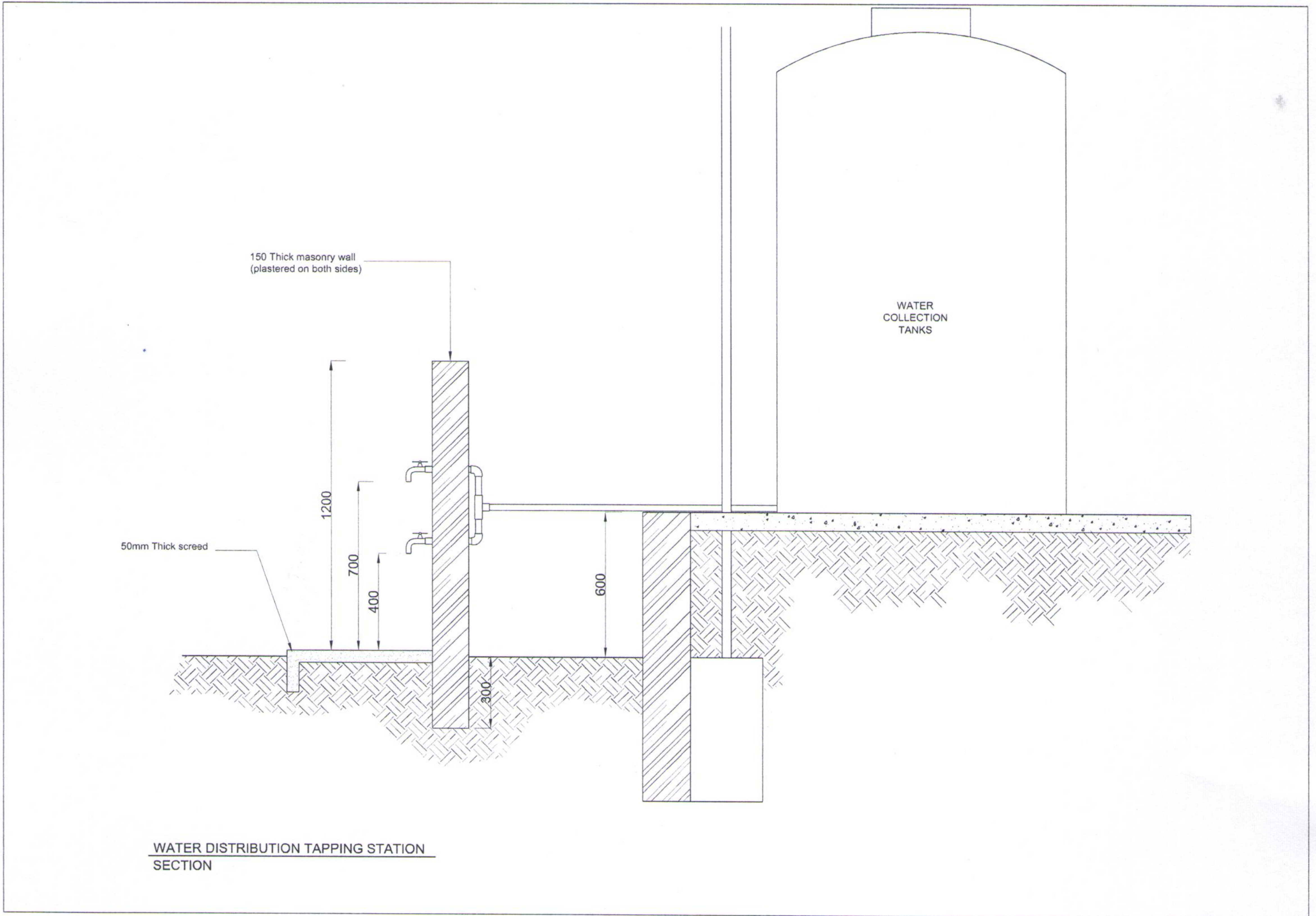
SECTION
KUDA MISKIY SITE





WATER DISTRIBUTION TAPPING STATION
PLAN





CONSTRUCTION OF RAIN WATER HARVESTING FACILITY - ADH. OMADHOO
Bill of Quantities

No	Item	Unit	Quantity	Rate	Amount
1	PRELIMINARIES				
1.1	Mobilization to site	LS	1		
1.2	Site management cost including set up of temporary services for contractor's services as maybe necessary	Months			
1.3	Setup sign board on site	LS	1		
1.4	Clean up site upon completion of works	LS	1		
1.5	Demobilization	LS	1		
2	SITE CLEARANCE				
2.1	Allow for all site clean up work including relocation of any existing material to waste yard of island	LS	1		
3	EARTH WORKS				
	<i>Kuda miskiy site</i>				
3.1	Excavation work for perimeter foundation wall	m3	2.12		
3.2	Excavation for pole footings	m3	0.65		
3.3	Filling of foundation pad with soil	m3	25.50		
3.4	Levelling of filled soil to cast slab	m2	42.50		
	<i>Kaadu site</i>				
3.5	Excavation work for perimeter foundation wall	m3	2.12		
3.6	Excavation for pole footings	m3	0.65		
3.7	Filling of foundation pad with soil	m3	25.50		
3.8	Levelling of filled soil to cast slab	m2	42.50		
4	CONCRETE WORKS				
	<i>Kuda miskiy site</i>				
4.1	Casting of 75mm concrete screed over compacted sand.	m3	3.19		
4.2	Casting of concrete footings for shed columns	m3	0.50		
	<i>Kaadu site</i>				
4.3	Casting of 75mm concrete screed over compacted sand.	m3	3.19		
4.4	Casting of concrete footings for shed columns	m3	0.50		
5	MASONRY WORKS				
	<i>Kuda miskiy site</i>				
5.1	1000mm high wall for perimeter foundation wall	m	26.5		
	<i>Kaadu site</i>				
5.2	1000mm high wall for perimeter foundation wall	m	26.5		



6	PLASTERING WORKS				
	<i>Kuda miskiy site</i>				
6.1	25mm plastering on perimeter foundation wall	m2	53		
	<i>Kaadu site</i>				
6.2	25mm plastering on perimeter foundation wall	m2	53		
7	ROOFING WORKS				
	<i>Kuda miskiy site</i>				
7.1	Lysaght roofing sheet for tank area. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	43.89		
7.2	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	51.30		
7.3	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	77.00		
7.4	Installation of gutter on roof	m	15.40		
7.5	Installation of down pipes.	Nos	4.00		
	<i>Kaadu site</i>				
7.6	Lysaght roofing sheet for tank area. Rate shall include all necessary laps, fastening, fixtures and sealing of joints	m2	43.89		
7.7	Timber rafters - 100 x 50mm. Rate shall include for all fixing and joints	m	51.30		
7.8	Timber battens - 50 x 38mm. Rate shall include for all fixing and joints.	m	77.00		
7.9	Installation of gutter on both sides of roof	m	15.40		
7.10	Installation of down pipes.	Nos	4.00		
8	STRUCTURAL STEEL WORKS				
	<i>Kuda miskiy site</i>				
8.1	Fabricate and install roof supoprting frames made from 50mm G.I pipes. Rate shall include all cuts, welds and applying oxide coating on the welds	nos	4		
8.2	Fixing 50mm G.I pipes betweek pipes at roof level to provide overall support	m	21.3		
8.3	Welding of studs to base of pipes	LS	1		
	<i>Kaadu site</i>				
8.4	Fabricate and install roof supoprting frames made from 50mm G.I pipes. Rate shall include all cuts, welds and applying oxide coating on the welds	nos	4		
8.5	Fixing 50mm G.I pipes betweek pipes at roof level to provide overall support	m	21.3		
8.6	Welding of studs to base of pipes	LS	1		
9	PLUMBING WORKS				
	<i>Kuda miskiy site</i>				



9.1	Provide connection from gutter to collection tank. Rate shall include all necessary pipes, bends, fittings and valves and others as maybe required.	LS	1		
9.2	Provide 5000 L tank to site and install as shown on drawing	No	5		
9.3	Provide connections to top of tank for filling of tanks and provide connections to base of tank for collection of tank from base	LS	1		
9.4	Construct and setup water tap bay as shown on drawing and provide all connections from tank to tap bay	LS	1		
9.5	Provide connection from roof to water tanks as required	LS	1		
	Kaadu site				
9.6	Provide connection from gutter to collection tank. Rate shall include all necessary pipes, bends, fittings and valves and others as maybe required.	LS	1		
9.7	Provide 5000 L tank to site and install as shown on drawing	No	5		
9.8	Provide connections to top of tank for filling of tanks and provide connections to base of tank for collection of tank from base	LS	1		
9.9	Construct and setup water tap bay as shown on drawing and provide all connections from tank to tap bay	LS	1		
9.10	Provide connection from roof to water tanks as required	LS	1		
10	OTHERS				
	Kuda miskiy site				
10.1	Applying paint coating on all steel members including tar paint for surfaces below ground level	LS	1		
10.2	Provide damp proof membrane below concrete surfaces of ground slab	m2	42.5		
10.3	Provide cover blocks to hold reinforcement in place	LS	1		
10.4	Setup water tapping station as shown on drawing.	LS	1		
	Kaadu site				
10.5	Applying paint coating on all steel members including tar paint for surfaces below ground level	LS	1		
10.6	Provide damp proof membrane below concrete surfaces of ground slab	m2	42.5		
10.7	Provide cover blocks to hold reinforcement in place	LS	1		



10.8	Setup water tapping station as shown on drawing	LS	1		
					TOTAL

