

The technical drawings include:

- Plan View:** Shows two rectangular tanks, each labeled "WATER TANK". The overall dimensions are 10'0" by 8'0" (8.23m by 7.32m).
- Section C - D:** A cross-section showing the tank's profile. It includes a 2.00m high "R.C.C SLAB" and a 2.50m high "SAND" layer. The total height is 4.50m. The width is 8' (8.23m).
- PERCOLATION PIT:** A cross-section of a pit measuring 10'0" by 8'0" (8.23m by 7.32m). It shows a "BRICK JELLY" layer at the bottom.
- Side Elevation:** A detailed view of the tank's exterior. It features a "STEEL TRUSS" roof with "2mm POLY CARBONATE SHEETS FOR SKY LIGHTS; 10% OF ROOF AREA". The roof is supported by "PURLIN", "TIE BEAM", and "STAY" members. The main body of the tank is 8'0" high. The base is 2'0" high. The total height is 10'0" (8.23m). The width is 8'0" (7.32m). The base is labeled "FOUNDATION".

2mm POLY CARBONATE SHEETS FOR SKY LIGHTS: 10% OF ROOF AREA



The site plan for Farm No. 70 shows a rectangular plot with a total width of 60'-0" and a total depth of 100'-0". A proposed building, indicated by diagonal hatching, is located in the lower-left portion of the plot. The building's dimensions are 30.00' by 30.00'. To the left of the building, a borewell and rain water pit are shown, connected by a dashed line. The borewell is located 3.10' from the left boundary, and the rain water pit is located 15.20' from the left boundary. A septic tank is located in the upper-right portion of the plot, 15.20' from the right boundary. The plot is bordered by a 9.0 M (30'-0") wide road on the left and a 7.00M (23'-0") wide road on the bottom. The plot is also labeled with "FARM NO. 70" and "FARM NO. 99".

Diagram illustrating a rainwater harvesting system. The system includes an OPEN TERRACE, a RAIN WATER PIPE, a SAND FILLING, a NETLONZ PEBBLES BED, a RAIN WATER COLLECTION PIT, and a BORE WELL. The rainwater pipe leads from the terrace down into the collection pit, which is filled with sand and contains a netlonz pebbles bed. The collection pit is connected to the bore well.

Figure 1: Typical section of a column and beam joint. The diagram shows a cross-section of a reinforced concrete column and beam joint. The column is labeled 'DETAILS' and 'REF. COLUMN'. The beam is labeled 'PLINTH BEAM'. The joint is labeled '50x50'. The reinforcement includes 8mm bars, 12mm bars (6Nos), and 12mm bars (6Nos). The joint is labeled '(TYP)'. The column is labeled 'P.C.I.' and 'SAND'.

A schematic diagram of a well system. A vertical shaft is shown with a hatched base representing the well bottom. Three pipes are installed: a 2" DIA P.V.C. CASING PIPE at the top, a 1.5" DIA P.V.C. SUCTION pipe in the middle, and a 1" DIA P.V.C. VENT PIPE at the bottom. Two ground level (GL) markers are indicated at the top of the shaft. A vertical dimension line on the left indicates a total depth of 100'.

1. EARTH WORK	ALL EARTH WORK EXCAVATION IN FOUNDATION TO BE DONE AS PER THE DIMENSIONS GIVEN IN THE DRAWING.
2. SAND FILLING	ALL FOUNDATION TO BE FILLED WITH RIVER SAND 150MM THICK.
3. PCC 1:4:8	ALL FOUNDATION FILLED WITH PCC 1:4:8 150 MM THICK AND SHOULD BE RAMMED.
4. MASONRY WORKS	ALL MASONRY WORKS SHOULD BE IN FIRST CLASS BRICK IN CEMENT MORTAR 1:5.
5. RCC WORKS	ALL RCC WORKS ARE IN CC 1:2:4 WITH REQ. STEEL.
6. JOINERIES	TEAK WOOD MAIN DOOR AND ALL OTHER DOORS ARE USED COUNTRY WOOD.
7. PLASTERING	ALL INTERIOR AND EXTERIOR PLASTERING ARE IN CEMENT MORTAR 1:4, 12 MM THICK.
8. ROOFING	ROOFING WITH POLY CARBANATE SHEET ROOF WITH

RS	ROLLING LSHUTTER -	4.88 M X 2.10 M
RS1	ROLLING LSHUTTER -	3.05 M X 2.10 M
MD	MAIN DOOR -	1.20 M X 2.10 M
D2	DOOR -	0.75 M X 2.10 M
W	WINDOW -	1.52 M X 1.37 M
V	VENTILATOR -	0.91 M X 0.60 M

☐ <u>PLOT AREA :</u> AS PER DOCUMENT	6000.00	556.32
AS PER SITE	5988.18	556.32
AS PER FMB	6413.58	595.84

☐ <u>PROPOSED BUILDING</u>		
FOR GROUND FLOOR (COMMRCIAL)	1996.06	185.44
TOTAL BUILT UP AREA	1996.06	185.44
PLOT COVERAGE	33.3 %	
FLOOR SPACE INDEX	0.333	

S. T. Smith	1: 100
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