

PLAN SHOWING THE PROPOSED CONSTRUCTION
OF A BUILDING FOR STORING AND DRYING OF
FERTILIZERS IN SURVEY NOS. 148/6, 148/7A1 &
148/7B1 AT PUTHIYAMPUTHUR ROAD,
PUDUR PANDIAPURAM VILLAGE AND PANCHAYAT,
OTTAPIDARAM PANCHAYAT UNION, T.P.SCHEME
PUDUR PANDIAPURAM D.D.PLAN NO. 5,
THOOTHUKUDI LOCAL PLANNING AREA,
OTTAPIDARAM TALUK, THOOTHUKUDI DISTRICT.

OWNER NAME: Mrs. R. SRI DEVI

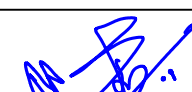

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Registered Geotech Engineer
RGTE 001 / 2022
VARAHA GEOTECHNICAL WORKS
RAJAPALAYAM - 626 117.



REGISTERED GEO-TECH ENGINEER

OWNER

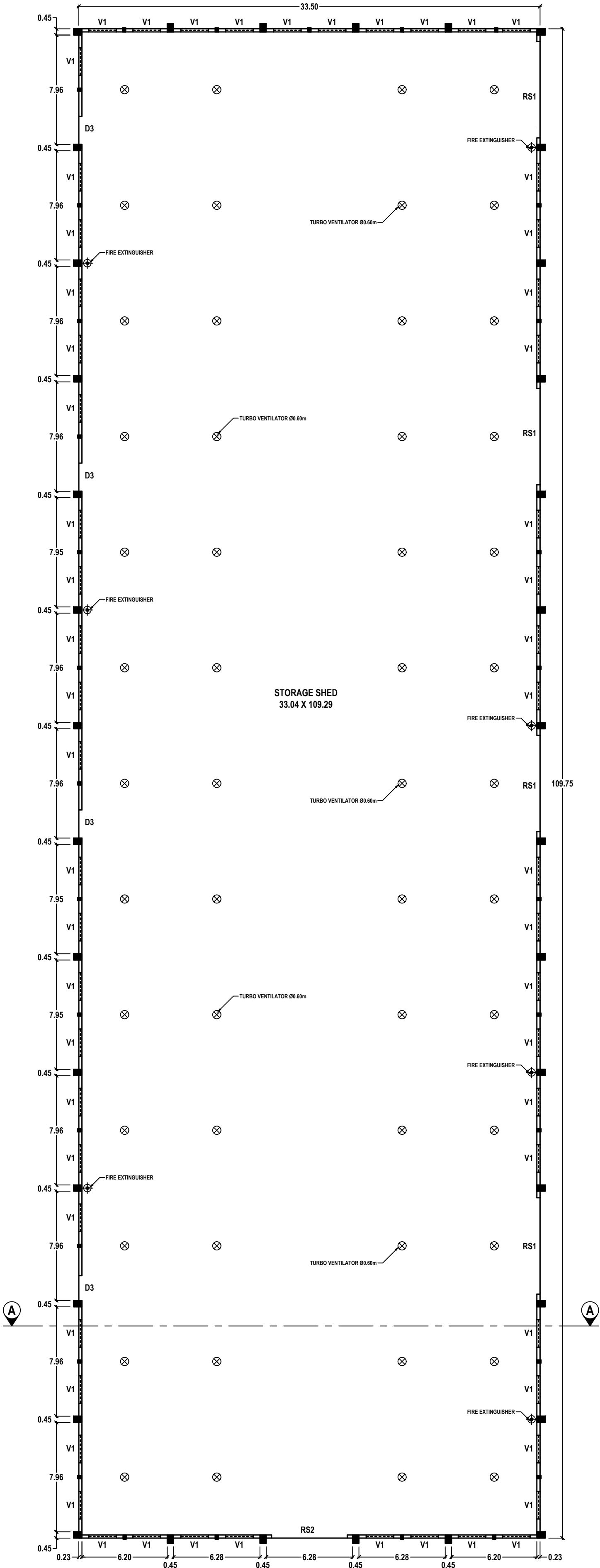

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Licensed Builder and Surveyor,
28, 1st Floor, Tooveypuram 5th Street,
Thoothukudi - 628 003.

REGISTERED STRUCTURAL ENGINEER

REGISTERED ENGINEER

OFFICE USE:



PLAN
STORAGE SHED

SCALE - 1:100

SHEET NO. 2/4

PLAN SHOWING THE PROPOSED CONSTRUCTION OF A BUILDING FOR STORING AND DRYING OF FERTILIZERS IN SURVEY NOS. 148/6, 148/7A1 & 148/7B1 AT PUTHIYAMPUTHUR ROAD, PUDUR PANDIAPURAM VILLAGE AND PANCHAYAT, OTTAPIDARAM PANCHAYAT UNION, T.P.SCHEME PUDUR PANDIAPURAM D.D.PLAN NO. 5, THOOTHUKUDI LOCAL PLANNING AREA, OTTAPIDARAM TALUK, THOOTHUKUDI DISTRICT.

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R. S. Devi

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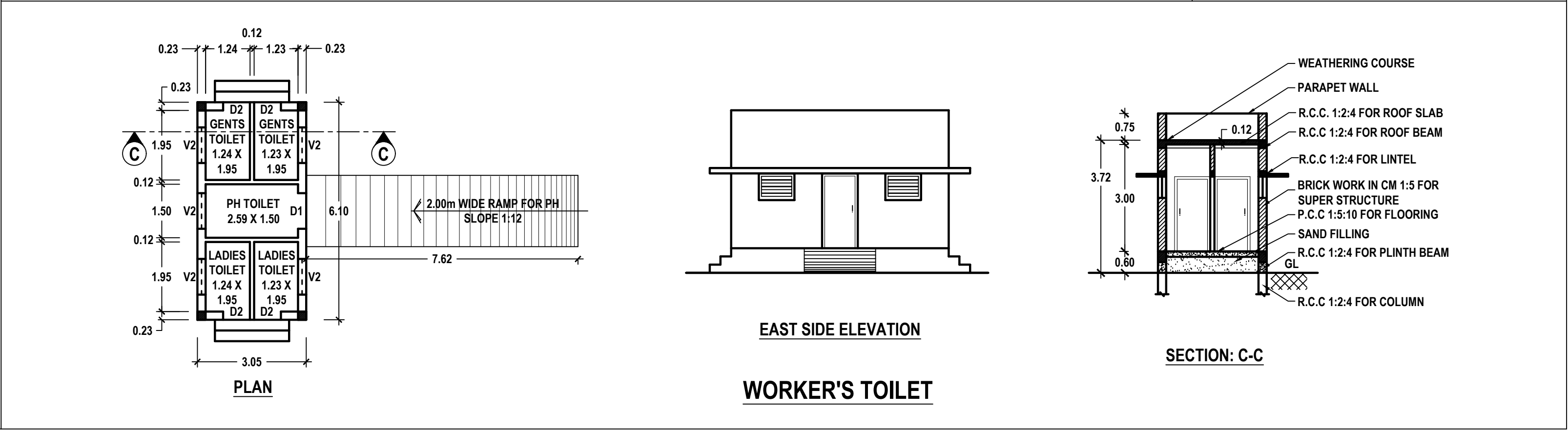
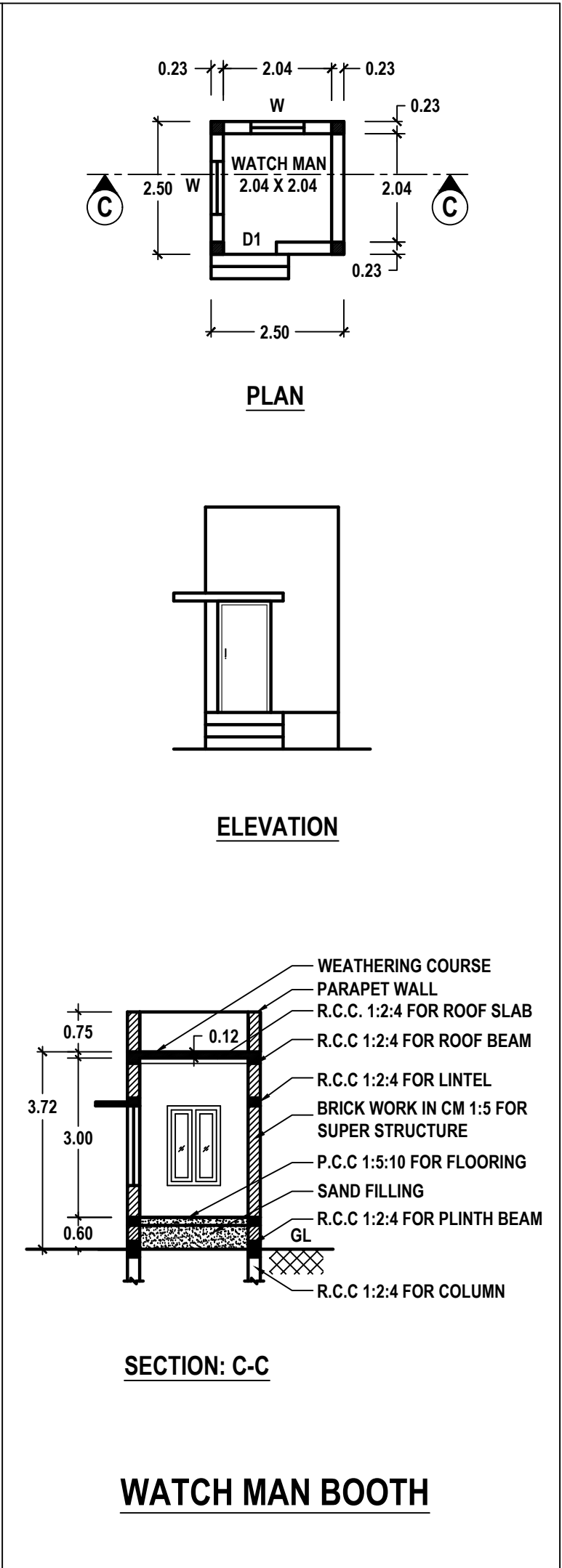
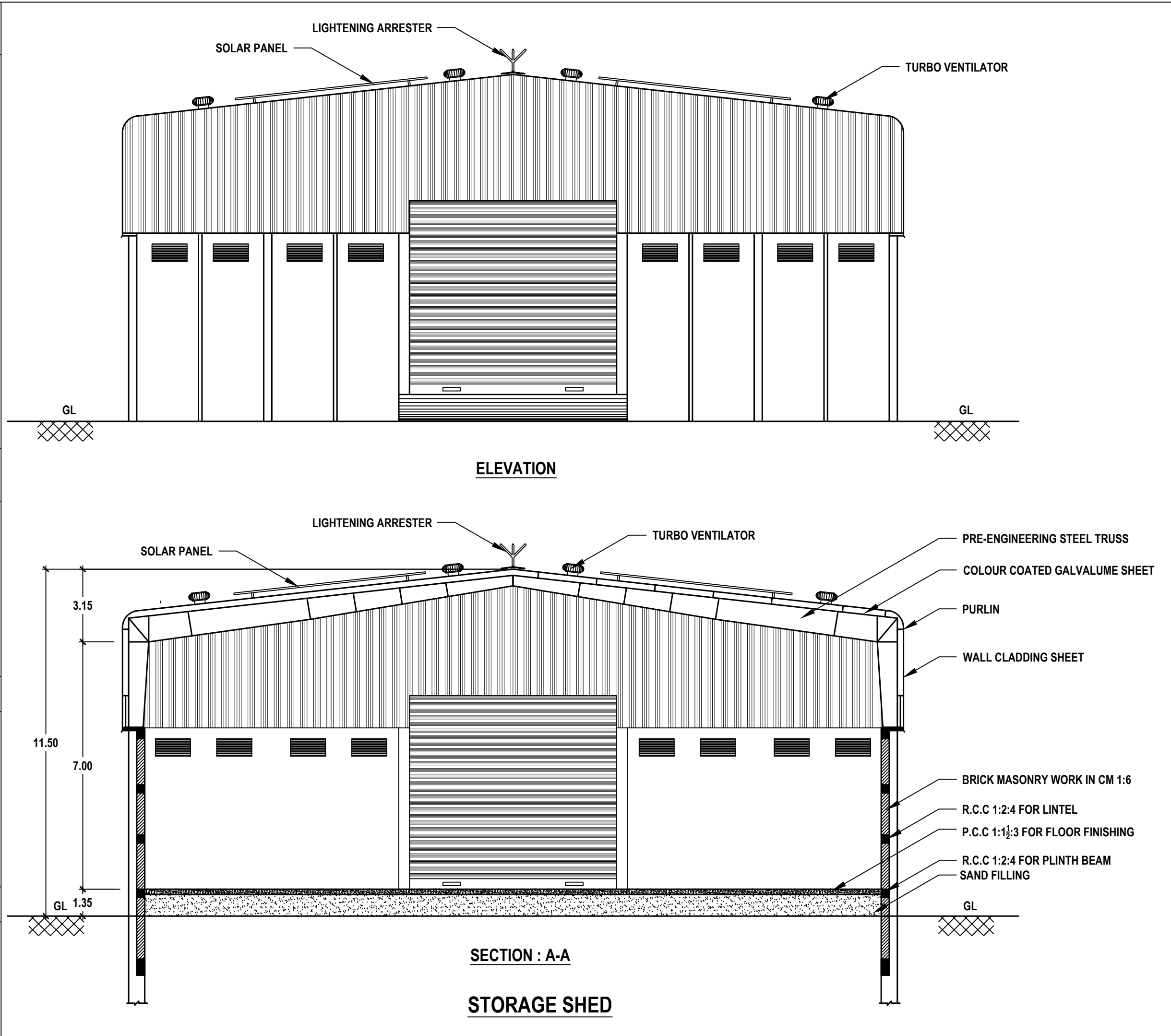
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REGISTERED STRUCTURAL ENGINEER

REGISTERED ENGINEER

OFFICE USE:



SHEET NO. 3/4

OWNER NAME: Mrs. R. SRI DEVI

R. S. Ni

OWNER

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The diagram illustrates a cross-section of a plinth boundary percolation pit. The pit is constructed with a compound wall on the left side. The pit is filled with sand, which is overlaid by a layer of R.C.C. 1:2:4. Below the R.C.C. is a layer of P.C.C 1:5:10. The bottom of the pit is filled with broken brick and jelly filling. The pit is constructed with brick work with holes. The dimensions of the pit are given as 0.12, 1.22, and 0.30.

Labels:

- COMPOUND WALL
- R.C.C 1:2:4
- SAND FILLING
- P.C.C 1:5:10
- BROKEN BRICK & JELLY FILLING
- BRICK WORK WITH HOLES

Dimensions:

- 0.12
- 1.22
- 0.30

PLINTH BOUNDARY PERCOLATION PIT

SCALE - 1:500

SHEET NO. 4/4

SITE PLAN SHOWING THE PROPOSED CONSTRUCTION OF A BUILDING FOR STORING AND DRYING OF FERTILIZERS IN SURVEY NOS. 148/6, 148/7A1 & 148/7B1 AT PUTHIYAMPUTHUR ROAD, PUDUR PANDIAPURAM VILLAGE AND PANCHAYAT, OTTAPIDARAM PANCHAYAT UNION, T.P.SCHEME PUDUR PANDIAPURAM D.D.PLAN NO. 5, THOOTHUKUDI LOCAL PLANNING AREA, OTTAPIDARAM TALUK, THOOTHUKUDI DISTRICT.

OWNER NAME: Mrs. R. SRI DEVI

Er. K. SHANKAR NARAYANAN,B.E.,M.Tech., Registered Geotech Engineer RGTE 001 / 2022 VARAHA GEOTECHNICAL WORKS RAJAPALAYAM - 626 117.

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REGISTERED ENGINEER

OFFICE USE:

Signature Not Verified

Signed by Village Panchayat President Location:Thoothukudi Date:2025.06.30 11:01:14

SITE AREA DETAILS		
AS PER SALE DEED	-----	9000.00 Sqm
AS PER PATTA	-----	9000.00 Sqm
AS PER SUPERIMPOSED	-----	9000.00 Sqm
REFERENCE		
DESCRIPTION	COLOUR	
APPILCANT SITE	-----	
PROPOSED BUILDING	-----	
DRIVE WAY	-----	
EXISTING BUILDING	-----	
EXISTING ROAD	-----	
SCHEDULE OF JOINERIES		
REF	DESCRIPTION	SIZE (in meter)
D1	DOOR	1.00 X 2.10
D2	DOOR	0.75 X 2.10
D3	DOOR	1.50 X 2.10
RS1	ROLLING SHUTTER	7.00 X 5.50
RS2	ROLLING SHUTTER	5.50 X 5.50
W	WINDOW	1.00 X 1.50
V1	VENTILATOR	2.00 X 1.00
V2	VENTILATOR	1.00 X 0.60
SET BACK DETAILS		
DESCRIPTION	REQUIRED	PROVIDED
FRONT	6.00	6.00
SIDE - 1	2.00	25.80
SIDE - 2	2.00	3.05
REAR	2.00	3.05
WORKER'S DETAILS		
SL. NO.	DESCRIPTION	NUMBER OF WORKERS
1	GENTS	18
2	LADIES	7
TOTAL		25
NOTE: 1. ALL DIMENSIONS ARE IN METER. 2. CENTRALIZED AIR-CONDITION SYSTEM TO BE PROVIDED. 3. OPEN TRANSFORMER YARD - 5.00M X 5.00M 4. NUMBER OF WORKERS INVOLVED - 25 PERSONS.		

SITE AREA DETAILS AS PER DOCUMENTS							
S. NO.	DOC. NO	PATTA NO	SURVEY NUMBER	AS PER DOCUMENT (in sqm)	AS PER PATTA (in sqm)		
1.	784/2016	1536	148/6	7200.00	7200.00		
2.	36/2017	1562	148/7A1	850.00	850.00		
			148/7B1	950.00	950.00		
TOTAL				9000.00	9000.00		
BUILD UP AREA DETAILS							
DESCRIPTION		FSI AREA	NON FSI AREA	AREA in Sq. M	AREA in Sq. Ft		
AREA OF THE SITE		-----	-----	9000.00	96876.00		
STORAGE SHED		3676.62	-----	3676.62	39575.14		
WORKER'S TOILET		-----	18.61	18.61	200.32		
WATCH MAN BOOTH		-----	6.25	6.25	67.27		
TOTAL		3676.62	24.86	3701.48	39842.73		

TOTAL AREA OF ALL FLOORS = $\frac{3676.62}{9000.00} = 0.408 < 2.00$			
PLOT AREA			
PARKING DETAILS FOR FSI			
DESCRIPTION	AREA	REQUIRED	PROVIDED
STORAGE SHED	3676.62	13 LORRIES	13 LORRIES
DETAILS OF FIRE FIGHTING SYSTEMS			
	- FIRE RESISTING BUCKETS WITH SAND (EACH 1KG)	- 5KG X 6 NOS = 30 KG	
	- FIRE RESISTING BUCKETS WITH WATER (EACH 1KG)	- 5KG X 4 NOS = 20 KG	
	- CO - CARBON DI-OXIDE TYPE FIRE EXTINGUISHER	- 2KG X 10 NOS = 20 KG	
	- DCP DRY CHEMICAL TYPE FIRE EXTINGUISHER	- 5KG X 6 NOS = 30 KG	
	- FA - FIRE ALARM	= 4 NOS	
	- SPRINKLER SYSTEM TO BE PROVIDED		
	- FIRE HYDRANT SYSTEM TO BE PROVIDED		
	- HOSE REEL SYSTEM TO BE PROVIDED		

SANITATION REQUIREMENTS FOR STORAGE SHED				
SANITARY DETAILS	MALE - 18 NOS		FEMALE - 7 NOS	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED
WATER CLOSET	2	3	1	2
ABLUTION TAP	2	3	1	2
URINAL	2	3	-	-
WASHING TAP	2	3	1	2
DRINKING WATER	1	1	1	1
BATH	-	-	-	-
EMERGENCY SHOWER	1	1	1	2
PARKING DETAILS FOR STORAGE SHED BUILDING				
1 LORRY SPACE FOR EVERY 300 Sqm OF COVERED AREA				
STALL SIZE FOR PARKING				
1 LORRY SPACE	- 3.50m X 10.00m			