

**BASEMENT FLOOR PLAN**  
(Centralized AC System)

**GROUND FLOOR PLAN**  
(Centralized AC System)



## PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL

BUILDING AND NURSE HOSTEL BUILDING AFTER DEMOLISHING THE EXISTING

BUILDING IN NEW T.S.NO:84, WARD:D, BLOCK :32,(OLD S.NO:160/1C &amp; 160/2D),

THIRUMALAINAYAGAN PUTHUKUDI VILLAGE, PULIYANGUDI MUNICIPALITY ,

KADAYANALLUR TALUK, TENKASI DISTRICT.

ALL DIMENSIONS ARE IN METRE, SCALE 1:100

| AREA DETAILS |                                                            |         |        | SANITATION REQUIREMENTS PROVIDED [Rule 54(2)(b)]<br>(Hospital Building) |  |                       |  |                       |  |
|--------------|------------------------------------------------------------|---------|--------|-------------------------------------------------------------------------|--|-----------------------|--|-----------------------|--|
| REF.         | DESCRIPTION                                                | SQ.M    | SQ.FT. | Total number of Person - 600 Nos                                        |  |                       |  |                       |  |
| □            | PRO. FIRST FLOOR AREA                                      | 1749.43 | 18831  | Male- 400 nos                                                           |  | Female- 150 nos       |  | Ratio - 2/3(M):1/3(F) |  |
|              |                                                            |         |        | Male Staffs- 30 nos                                                     |  | Female Staffs- 50 nos |  |                       |  |
| □            | PRO. SECOND FLOOR AREA                                     | 1749.43 | 18831  | Sanitary Unit/ Fittings                                                 |  | Required              |  | Available             |  |
|              |                                                            |         |        | Water Closet                                                            |  | 12                    |  | 11                    |  |
| □            | Building Area : 1782.44 SQ.M<br>O.E.S Area : 33.01SQ.M (-) |         |        | Drinking Water Fountain                                                 |  | 3                     |  | 6                     |  |
|              |                                                            |         |        | Wash Basin                                                              |  | 3                     |  | 3                     |  |
| □            |                                                            |         |        | Urinals                                                                 |  | 7                     |  | 14                    |  |
|              |                                                            |         |        | Cleaners Sink                                                           |  | 3                     |  | 6                     |  |
| □            |                                                            |         |        | Ablution Taps                                                           |  | One In Each W.C       |  | One In Each W.C       |  |
|              |                                                            |         |        |                                                                         |  |                       |  |                       |  |

| JOINERY DETAILS |                  |             |
|-----------------|------------------|-------------|
| S.D             | Sliding Door     | 1.83 x 2.10 |
| S.D             | P.H Sliding Door | 1.20 x 2.10 |
| LD              | Lift Door        | 1.20 x 2.10 |
| D               | Door             | 1.83 x 2.10 |
| D1              | Door             | 1.07 x 2.10 |
| D2              | Door             | 0.75 x 2.10 |
| D4              | Door             | 1.20 x 2.10 |
| LW              | Louvered Window  | 3.05 x 1.83 |
| GW              | Grill Window     | 3.05 x 1.83 |
| W               | Window           | 2.43 x 1.80 |
| W1              | Window           | 2.13 x 1.80 |
| W2              | Window           | 1.83 x 1.80 |
| W3              | Window           | 1.55 x 1.80 |
| W4              | Window           | 1.22 x 1.80 |
| W7              | Window           | 2.13 x 1.80 |
| W10             | Window           | 3.05 x 1.80 |
| Y               | Ventilator       | 2.43 x 0.61 |
| Y3              | Ventilator       | 0.91 x 0.61 |

Notes:  
 Waste Water Used for Garden  
 Rain Water harvesting Details Provided  
 Solar System Water tank provided  
 Fire Resistance to be provided  
 Emergency alarm to be provided  
 Drinking water to be provided as per corporation norms  
 Rain water harvesting tank to be provided  
 Waste water from recycled water tank & Trench connected to village disposal tank  
 Solid waste tub to be provided  
 "V" traps provided in siphon tank to prevent carb breeding of mosquitoes  
 (As per G.O (H.S) No : 341 - dated 03.11.2004)

*Sr. N. Balamurugan*  
 Sr. N. Balamurugan OCE  
 Registered Structural Engineer  
 Reg. No. RCE / TVLR / 11 / 2019  
 2714, Shanmughi Nagar  
 Gop. Sasamuthiram Road  
 Tirunelveli - 627 604  
 Cell: 9122155332, 8220145598

Construction Engineer

*Er. A. R. A. M. E. AMIE, MISE.*  
 REGISTERED STRUCTURAL ENGINEER  
 REG. NO. RE/GR/JTY/MARCH/2019/001  
 SHA, RAJAGOPALAPURAM, RAMANAPATTI,  
 TIRUNELVELI - 627 355

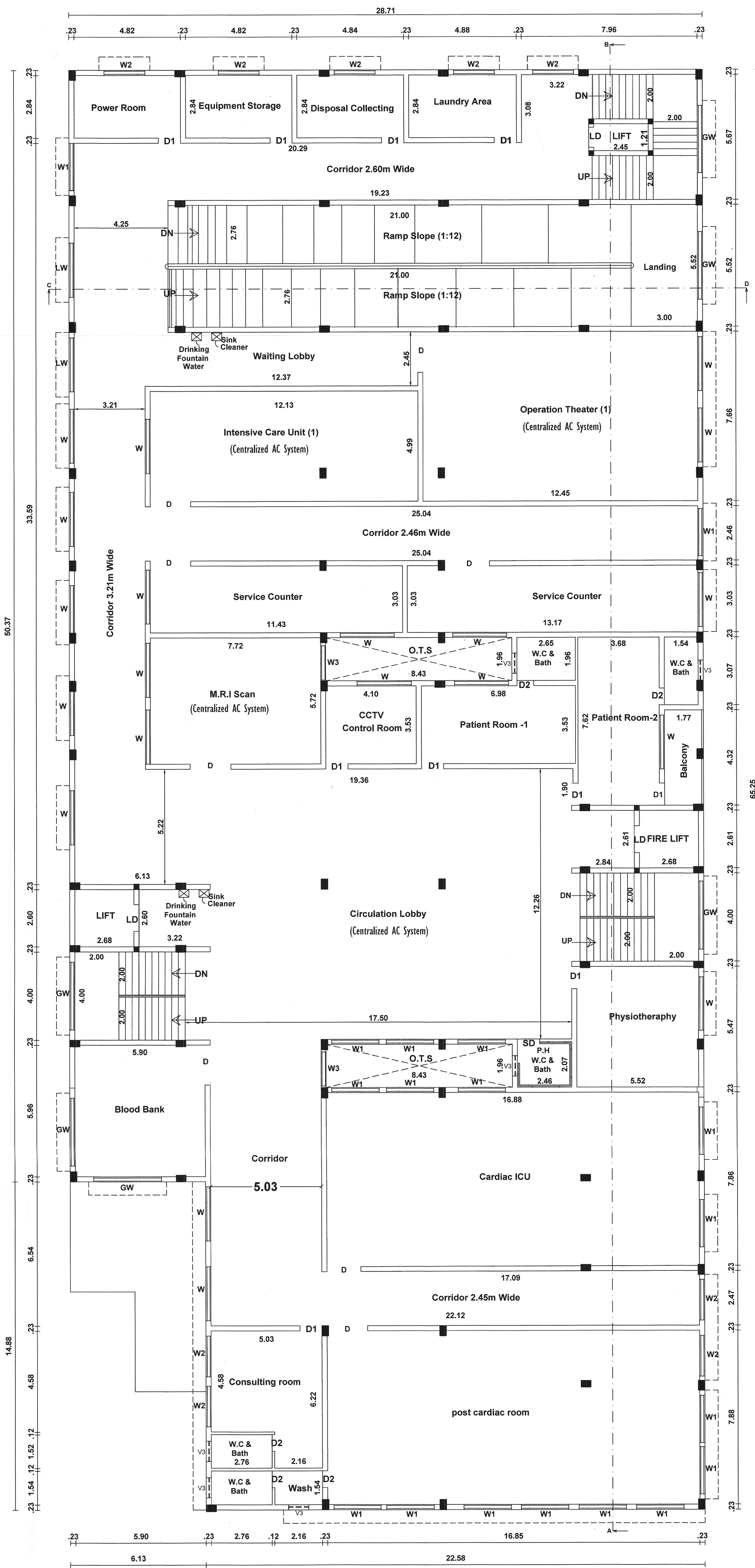
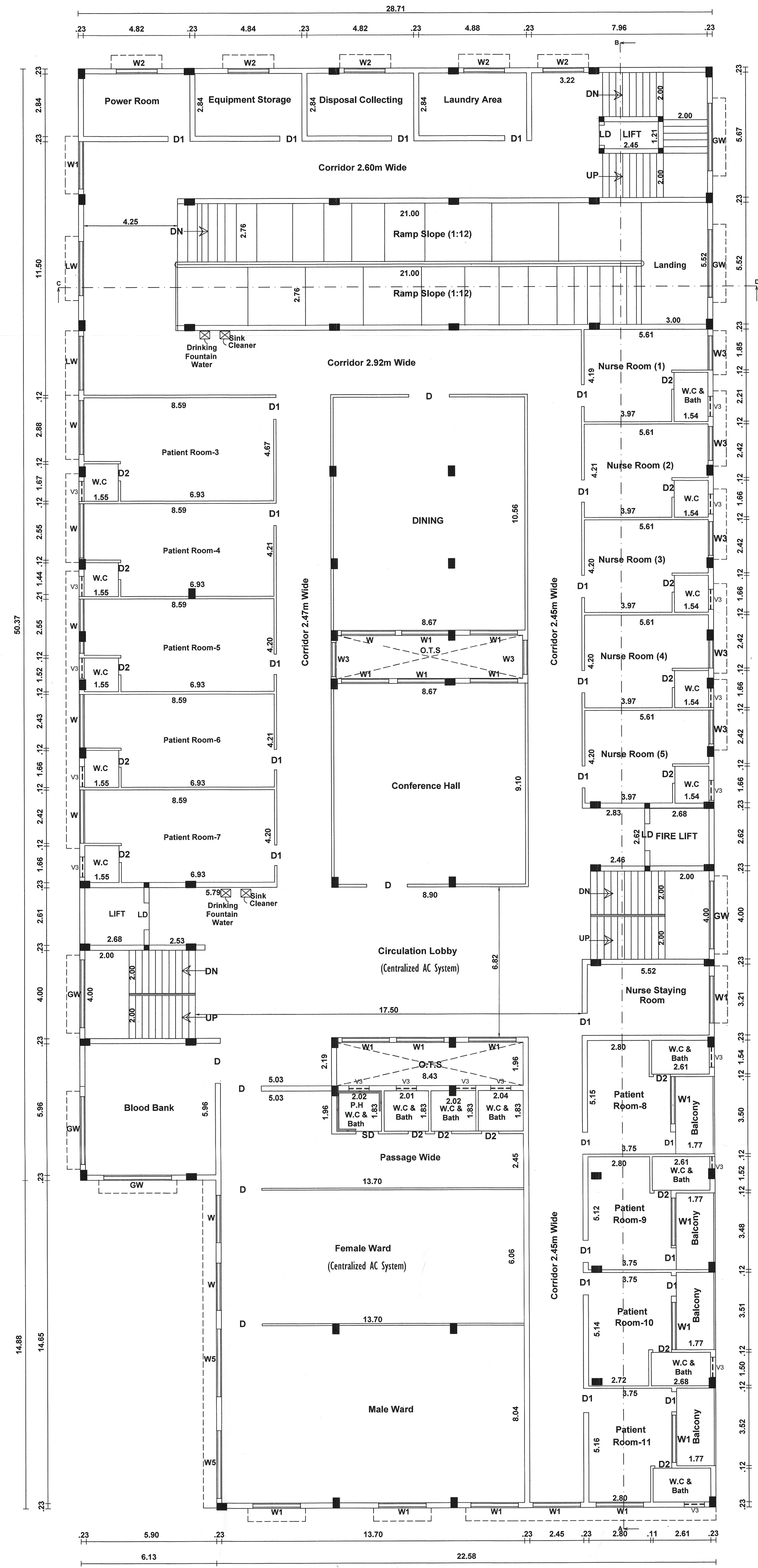
Structural Engineer

OFFICE USE

Applicant

*Er. K. P. MATHALAKSHMI, B.E.*  
 REGISTERED ENGINEER GRADE-I  
 REG. NO. RE/GR/JTY/MARCH/2019/001  
 10/22, VETHAKOVI STREET, THENKALAM  
 TIRUNELVELI - 627 357

License Engineer

FIRST FLOOR PLAN  
(Centralized AC System)SECOND FLOOR PLAN  
(Centralized AC System)



## PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL

BUILDING AND NURSE HOSTEL BUILDING AFTER DEMOLISHING THE EXISTING

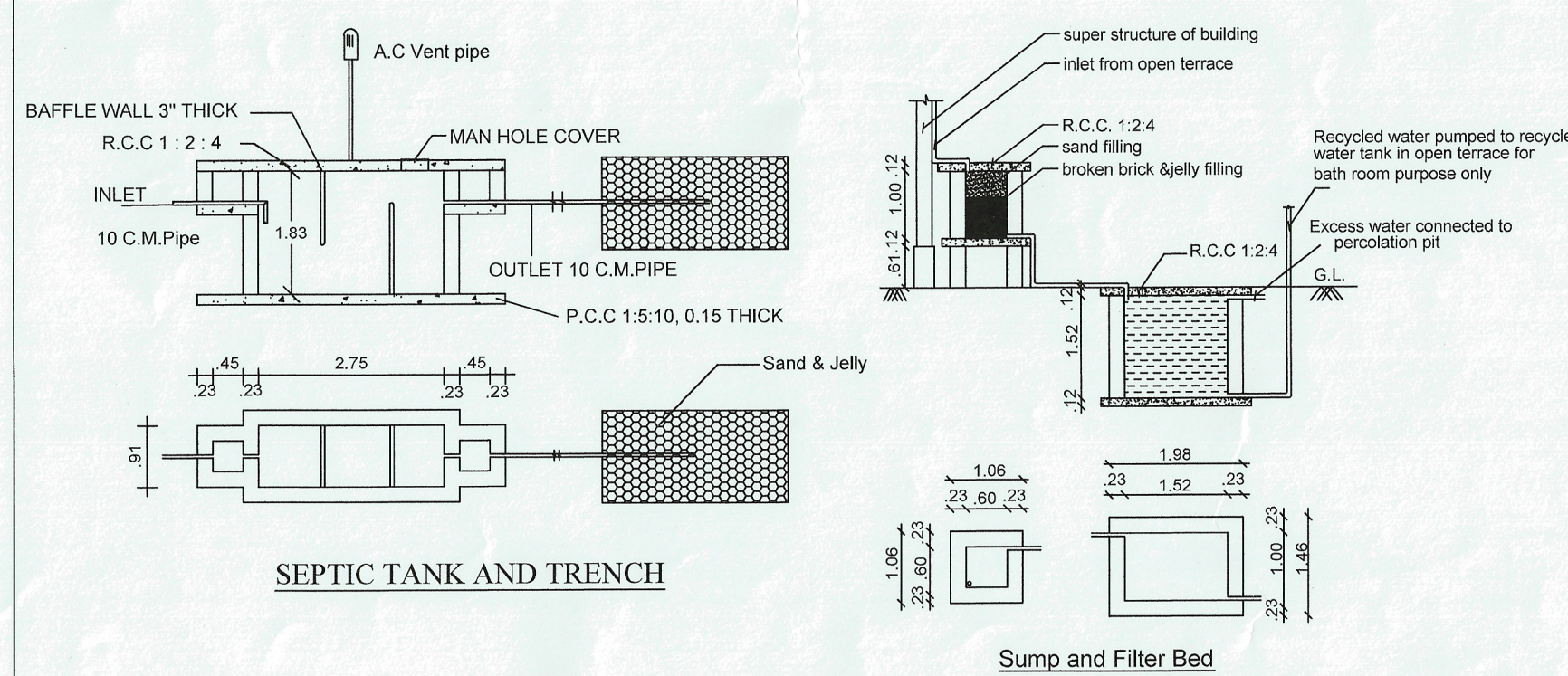
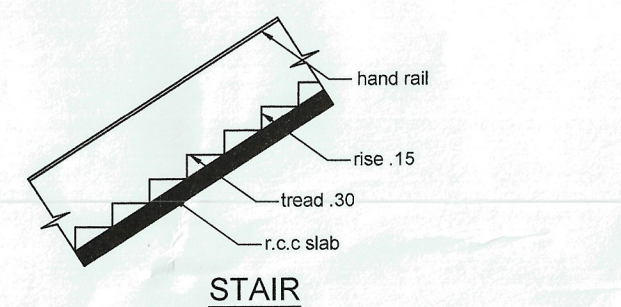
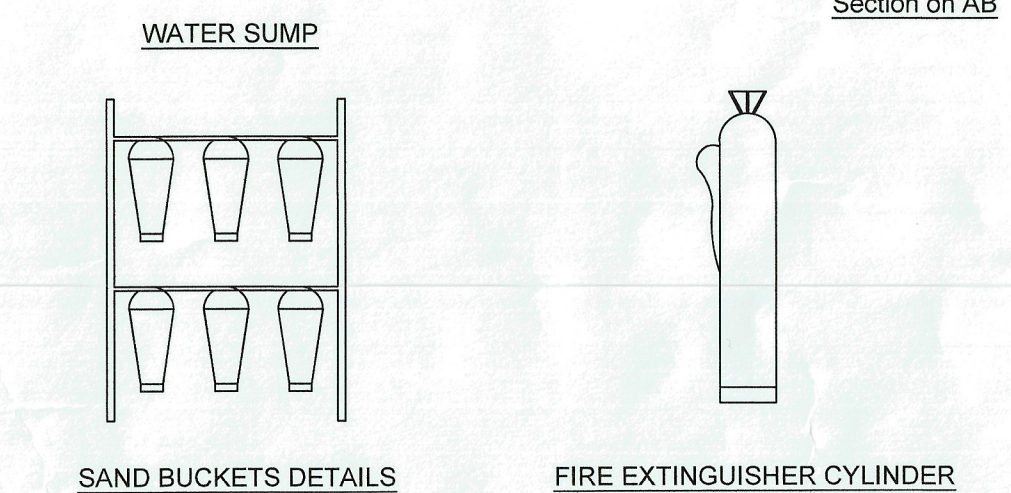
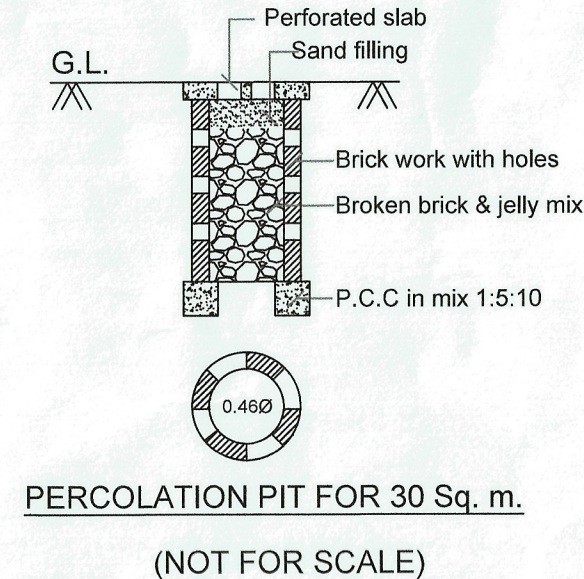
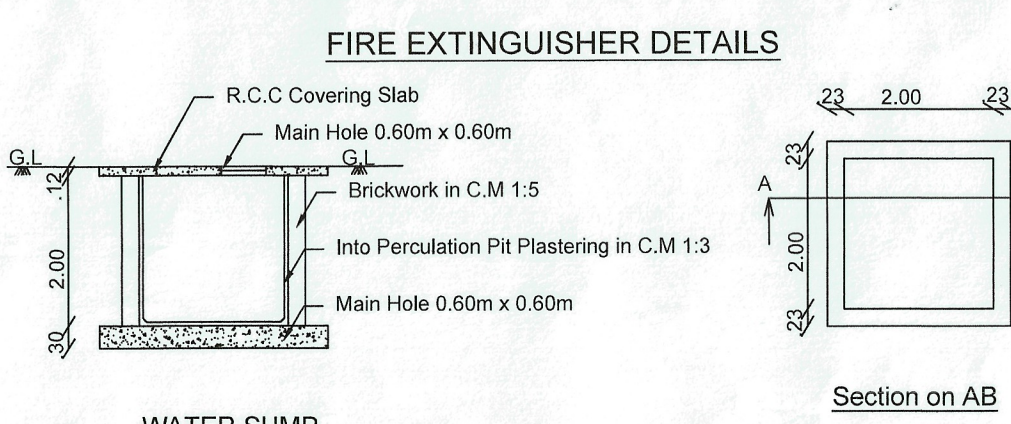
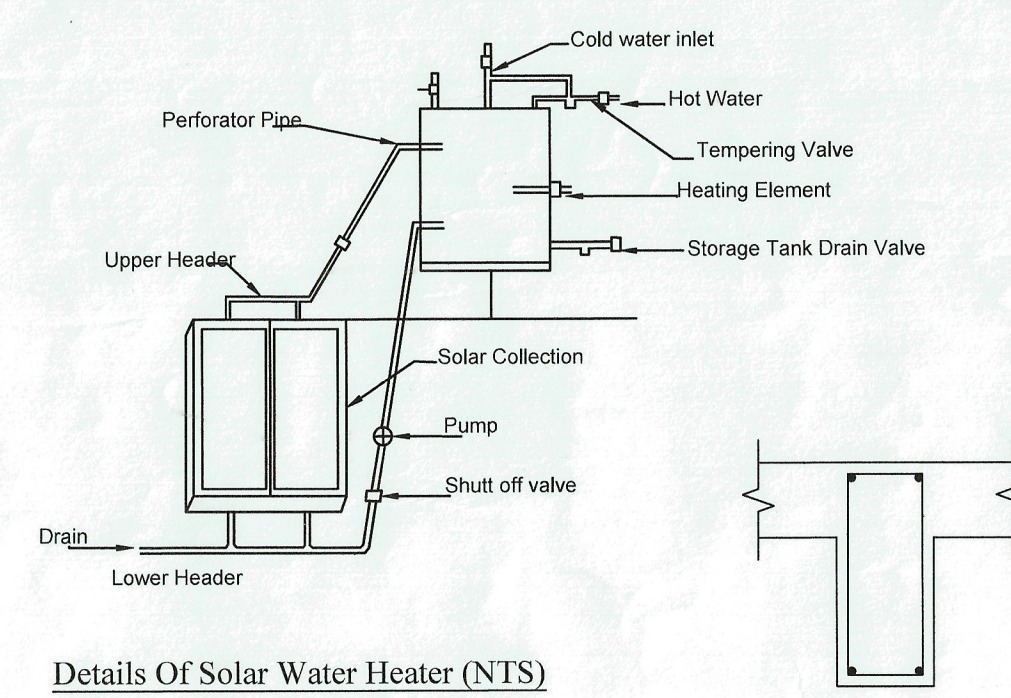
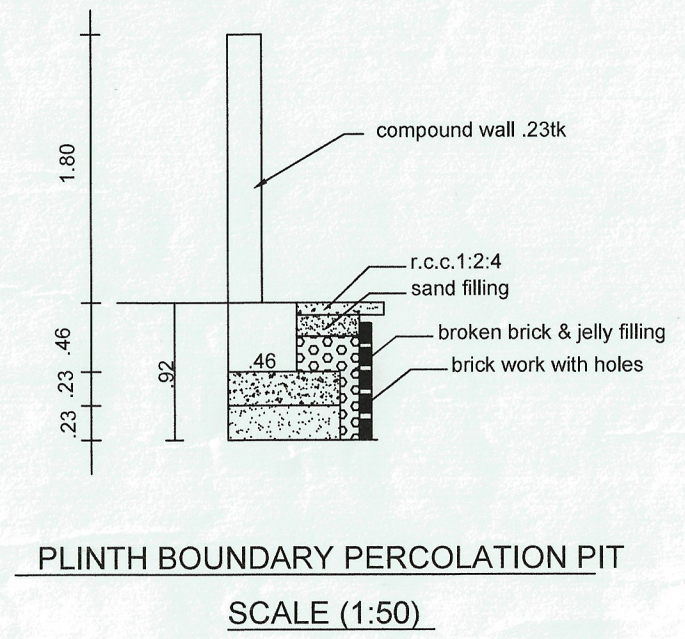
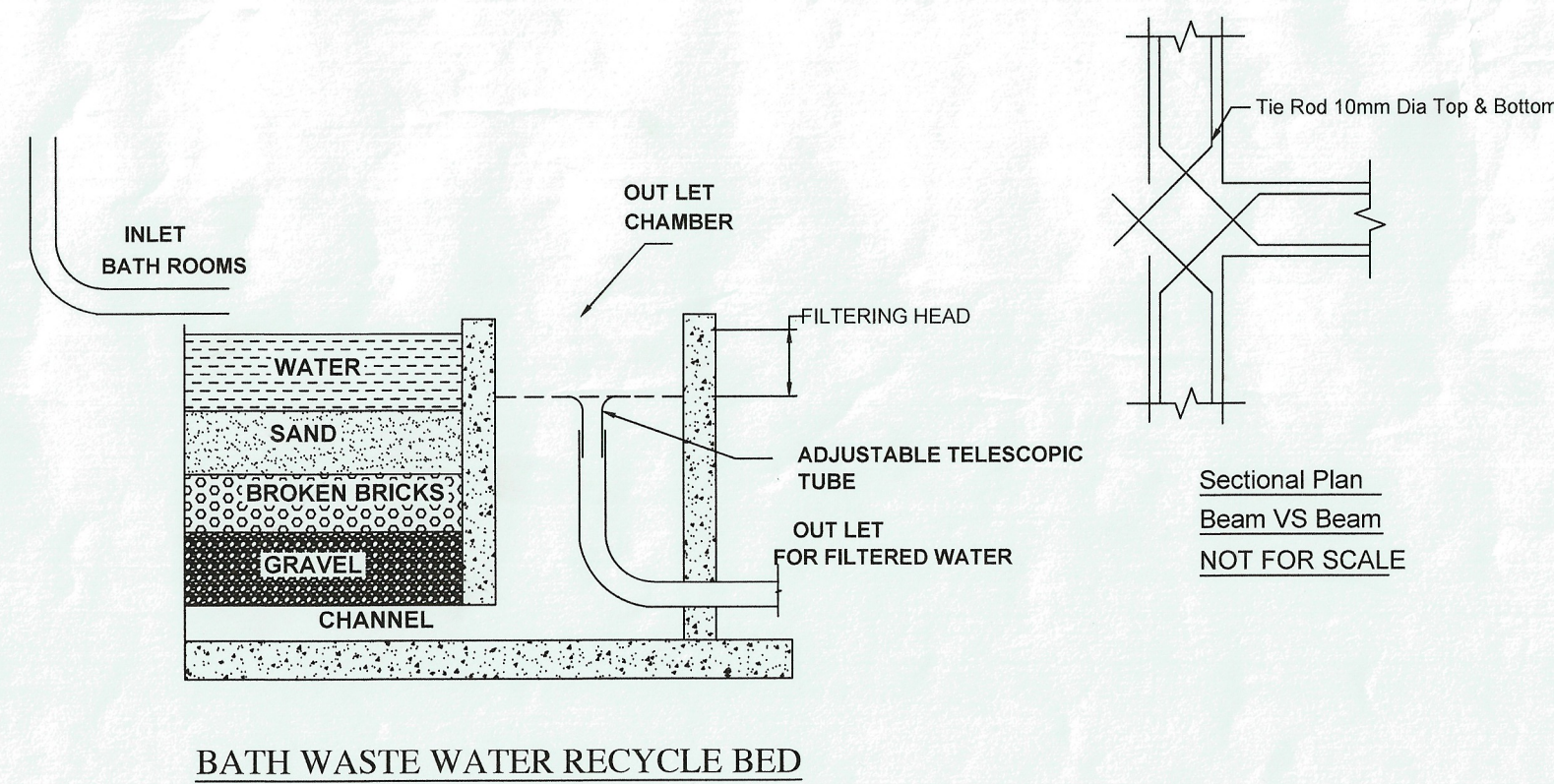
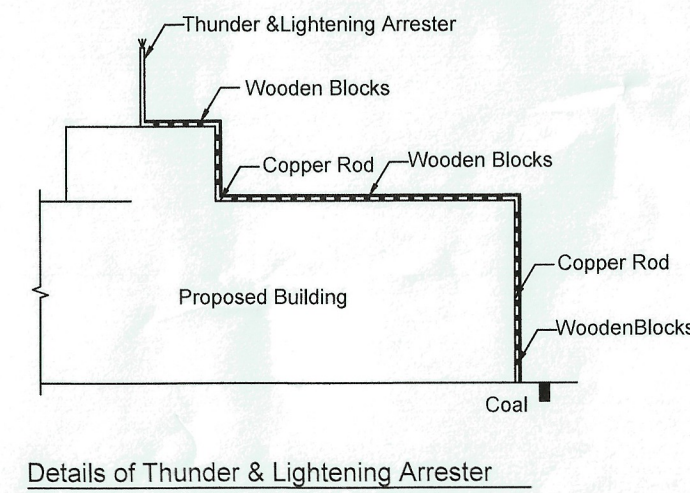
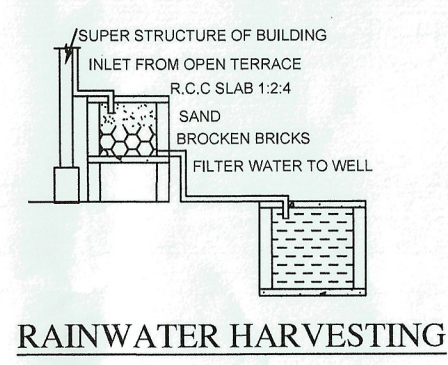
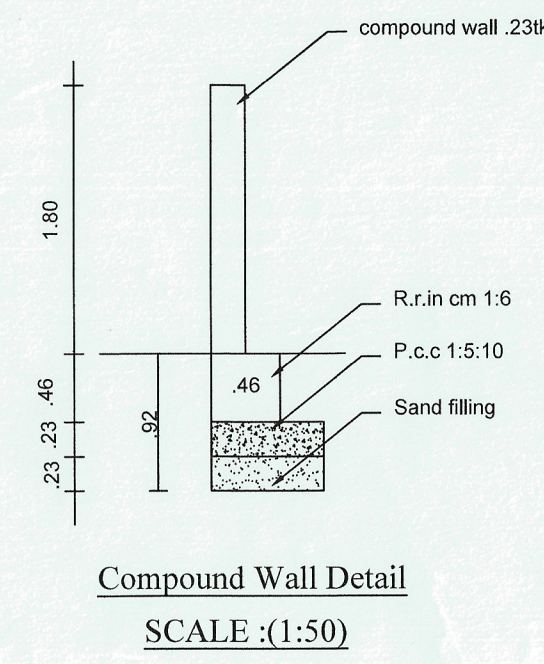
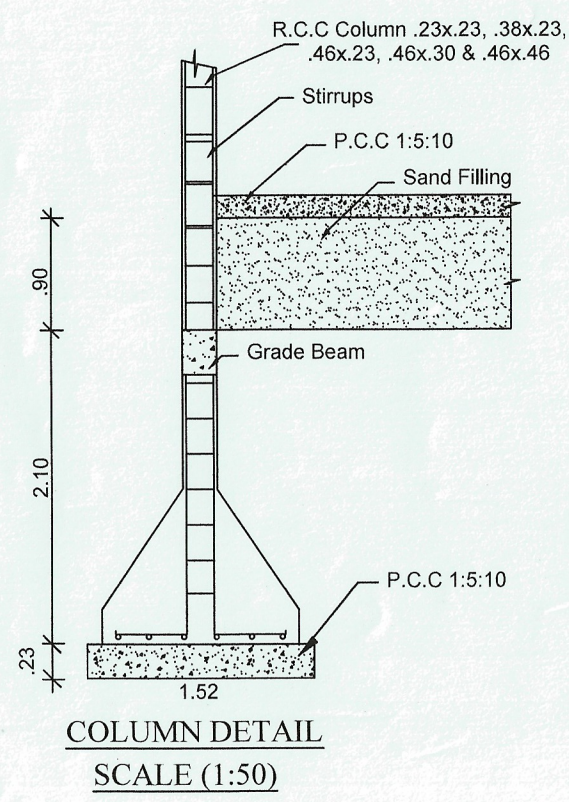
BUILDING IN NEW T.S.NO:84, WARD-D, BLOCK :32,(OLD S.NO:160/1C &amp; 160/2D),

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KADAYANALLUR TALUK, TENKASI DISTRICT.

ALL DIMENSIONS ARE IN METRE, SCALE 1:100

| AREA DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |             |        | SANITATION REQUIREMENTS PROVIDED [Rule 54(2)(b)]<br>(Hospital Building) |    |                       |                 |                       |       |    |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------|--------|-------------------------------------------------------------------------|----|-----------------------|-----------------|-----------------------|-------|----|--|
| REF.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DESCRIPTION        | SQ.M        | SQ.FT. | Total number of Person - 600 Nos                                        |    |                       |                 |                       |       |    |  |
| □                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | PRO-HEAD ROOM AREA | 141.44      | 1522   | Male- 400 nos                                                           |    | Female- 150 nos       |                 | Ratio - 2/3(M):1/3(F) |       |    |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |             |        | Male Staffs- 30 nos                                                     |    | Female Staffs- 50 nos |                 |                       |       |    |  |
| JOINERY DETAILS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |             |        | Sanitary Unit/<br>Fittings                                              |    | Required              |                 | Available             |       |    |  |
| S.D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Sliding Door       | 1.83 x 2.10 |        | Gn                                                                      | La | Staff                 | Gn              | La                    | Staff |    |  |
| S.D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | P.H Sliding Door   | 1.20 x 2.10 |        | 1                                                                       | 2  | 1                     | 1               | 25                    | 18    | OK |  |
| LD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lift Door          | 1.20 x 2.10 |        | Drinking Water Fountain                                                 |    |                       | 3               | 6                     |       | OK |  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Door               | 1.83 x 2.10 |        | Wash Basin                                                              |    |                       | 3               | 3                     |       | OK |  |
| D1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Door               | 1.07 x 2.10 |        | Urinals                                                                 |    |                       | 7               | 14                    |       | OK |  |
| D2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Door               | 0.75 x 2.10 |        | Cleaners Sink                                                           |    |                       | 3               | 6                     |       | OK |  |
| D4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Door               | 1.20 x 2.10 |        | Ablution Taps                                                           |    |                       | One In Each W.C | One In Each W.C       |       | OK |  |
| LW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Louvered Window    | 3.05 x 1.83 |        |                                                                         |    |                       |                 |                       |       |    |  |
| GW                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Grill Window       | 3.05 x 1.83 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Window             | 2.43 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Window             | 2.13 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Window             | 1.83 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Window             | 1.55 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Window             | 1.22 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Window             | 2.13 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| W10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Window             | 3.05 x 1.80 |        |                                                                         |    |                       |                 |                       |       |    |  |
| V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ventilator         | 2.43 x 0.61 |        |                                                                         |    |                       |                 |                       |       |    |  |
| V3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Ventilator         | 0.91 x 0.61 |        |                                                                         |    |                       |                 |                       |       |    |  |
| Note:<br>Waste Water Used for Garden<br>Rain Water harvesting Details Provided<br>Solar System Water tank provided<br>Fire Resistance to be provided<br>Emergency alarm to be provided<br>Drinking water to be provided as per corporation norms<br>Rain water harvesting tank to be provided<br>Waste water from recycled water tank & Trench connected to sullage disposal tank<br>Solid waste tub to be Provided<br>"U" traps provided in septic tank to prevent curb breeding of mosquitoes<br>(As per G.O (HS) No : 341 - dated 03.11.2004) |                    |             |        |                                                                         |    |                       |                 |                       |       |    |  |



Construction Engineer

Er. N. Balamurugan B.C.E.,  
 Registered Construction Engineer,  
 Reg. No. RCE/TVLR/11/2019  
 7/14, Shanmathi Nagar  
 Gopdasamuthiram Road  
 Tirunelveli - 627 604  
 Cell: 8122155332, 8220145598

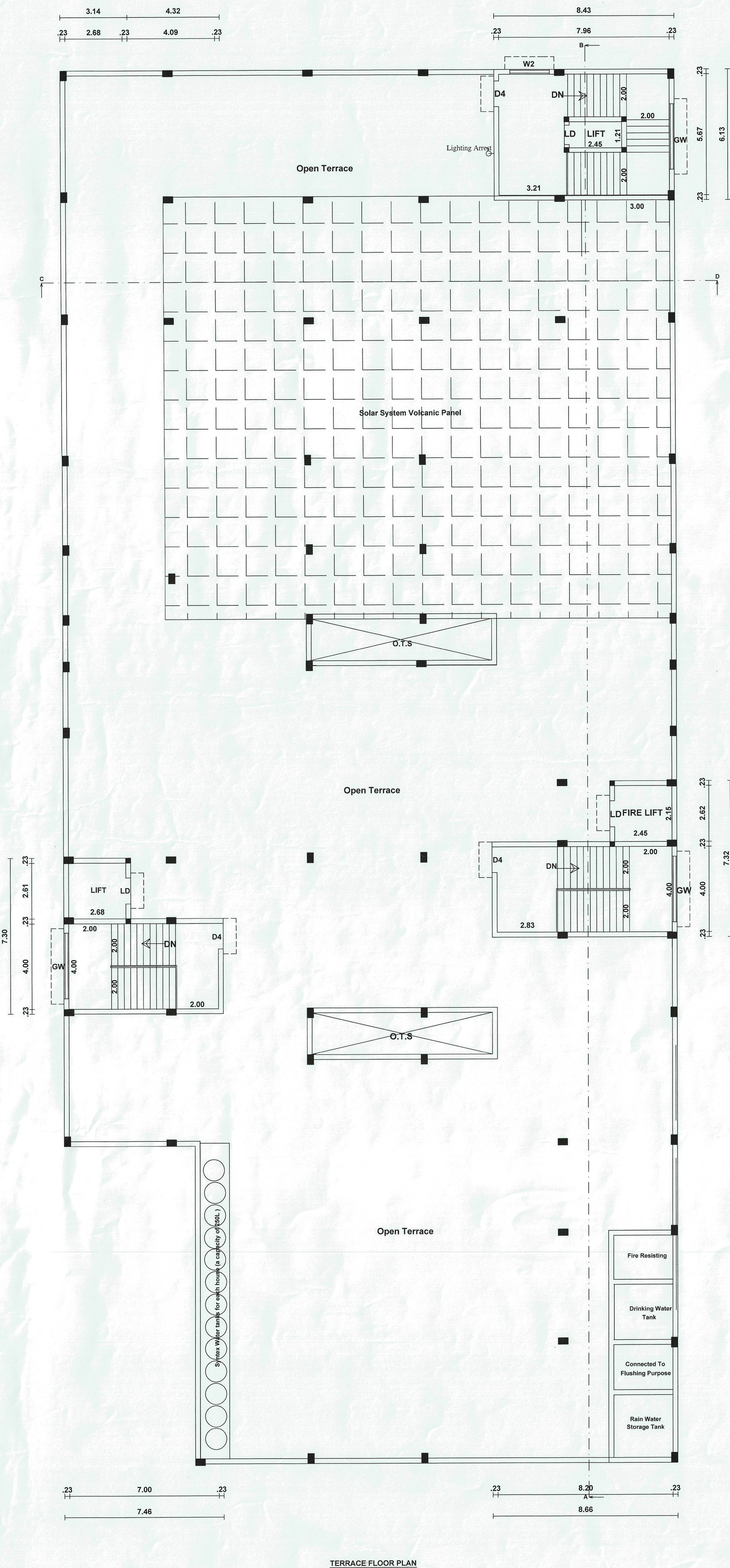
Structural Engineer

Office Use

Applicant

License Engineer

Er. K.P. MAHALAKSHMI, B.E.,  
 REGISTERED STRUCTURAL ENGINEER  
 REG. NO. RE/GR-17/VLMARCH/2019/002  
 10/22, VETHAKOVIL STREET, THENKALAM  
 TIRUNELVELI - 627 357.





## PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL

BUILDING AND NURSE HOSTEL BUILDING AFTER DEMOLISHING THE EXISTING

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THIRUMALAINAYAGAN PUTHUKUDI VILLAGE, PULIYANGUDI MUNICIPALITY ,  
KADAYANALLUR TALUK, TENKASI DISTRICT.

ALL DIMENSIONS ARE IN METRE, SCALE 1:100

## JOINERY DETAILS

|     |                  |             |
|-----|------------------|-------------|
| S.D | Sliding Door     | 1.83 x 2.10 |
| S.D | P.H Sliding Door | 1.20 x 2.10 |
| LD  | Lift Door        | 1.20 x 2.10 |
| D   | Door             | 1.83 x 2.10 |
| D1  | Door             | 1.07 x 2.10 |
| D2  | Door             | 0.75 x 2.10 |
| D4  | Door             | 1.20 x 2.10 |
| LW  | Louvered Window  | 3.05 x 1.83 |
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| W4  | Window           | 1.22 x 1.80 |
| W7  | Window           | 2.13 x 1.80 |
| W10 | Window           | 3.05 x 1.80 |
| V   | Ventilator       | 2.43 x 0.61 |
| V3  | Ventilator       | 0.91 x 0.61 |

## Note:

Waste Water Used for Garden  
 Rain Water harvesting Details Provided  
 Solar System Water tank provided  
 Fire Resistance to be provided  
 Emergency alarm to be provided  
 Drinking water to be provided as per corporation norms  
 Rain water harvesting tank to be provided  
 Waste water from recycled water tank & Trench connected to sewage disposal tank  
 Solid waste tub to be provided  
 "U" traps provided in septic tank to prevent curb breeding of mosquitoes  
 (As per G.O (H.S) No : 341 - dated 03.11.2004)

*N. Balamurugan*  
**Er. N. Balamurugan** C.E.  
 Registered Construction Engineer  
 Reg. No. RCE / TVLR / 11 / 2019  
 7/14, Shanmathi Nagar  
 Gopelasamuthiram Road  
 Tirunelveli - 627 604  
 Cell: 8122155332, 8226 567598

Construction Engineer

*Er. A. Raju*  
**Er. A. RAJU** M.E., AMIE., MISE.,  
 REGISTERED STRUCTURAL ENGINEER  
 REG. NO: RE/GR-I/TVL/MARCH/2019/002  
 34A, RAJAGOPALAPURAM, RAMAYANPATTI,  
 TIRUNELVELI - 627 358

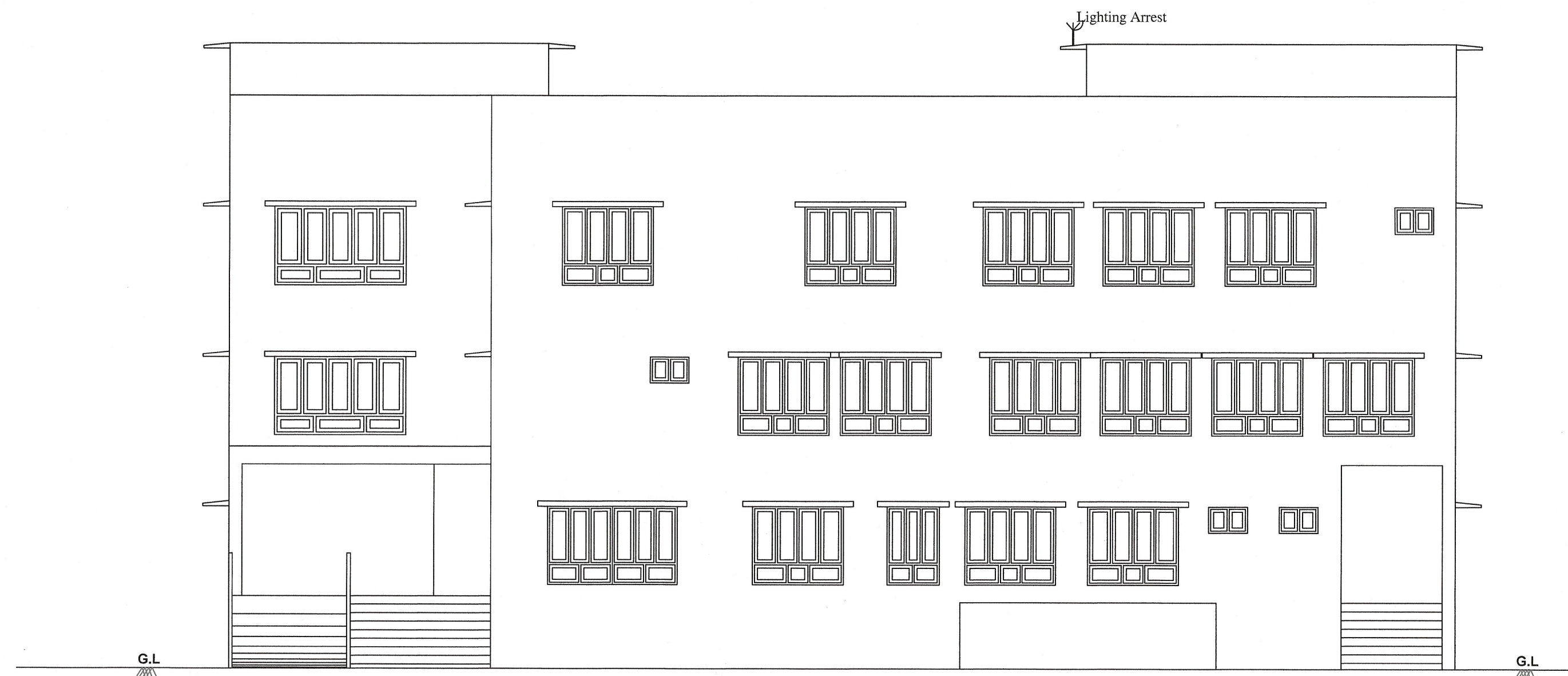
Structural Engineer

*Er. K.P. Mahalakshmi*  
**Er. K.P. MAHALAKSHMI, B.E.,**  
 REGISTERED ENGINEER GRADE-I  
 REG. NO: RE/GR-I/TVL/MARCH/2019/001  
 0/22, VETHAKOVIL STREET, THENKALA,  
 TIRUNELVELI - 627 357.

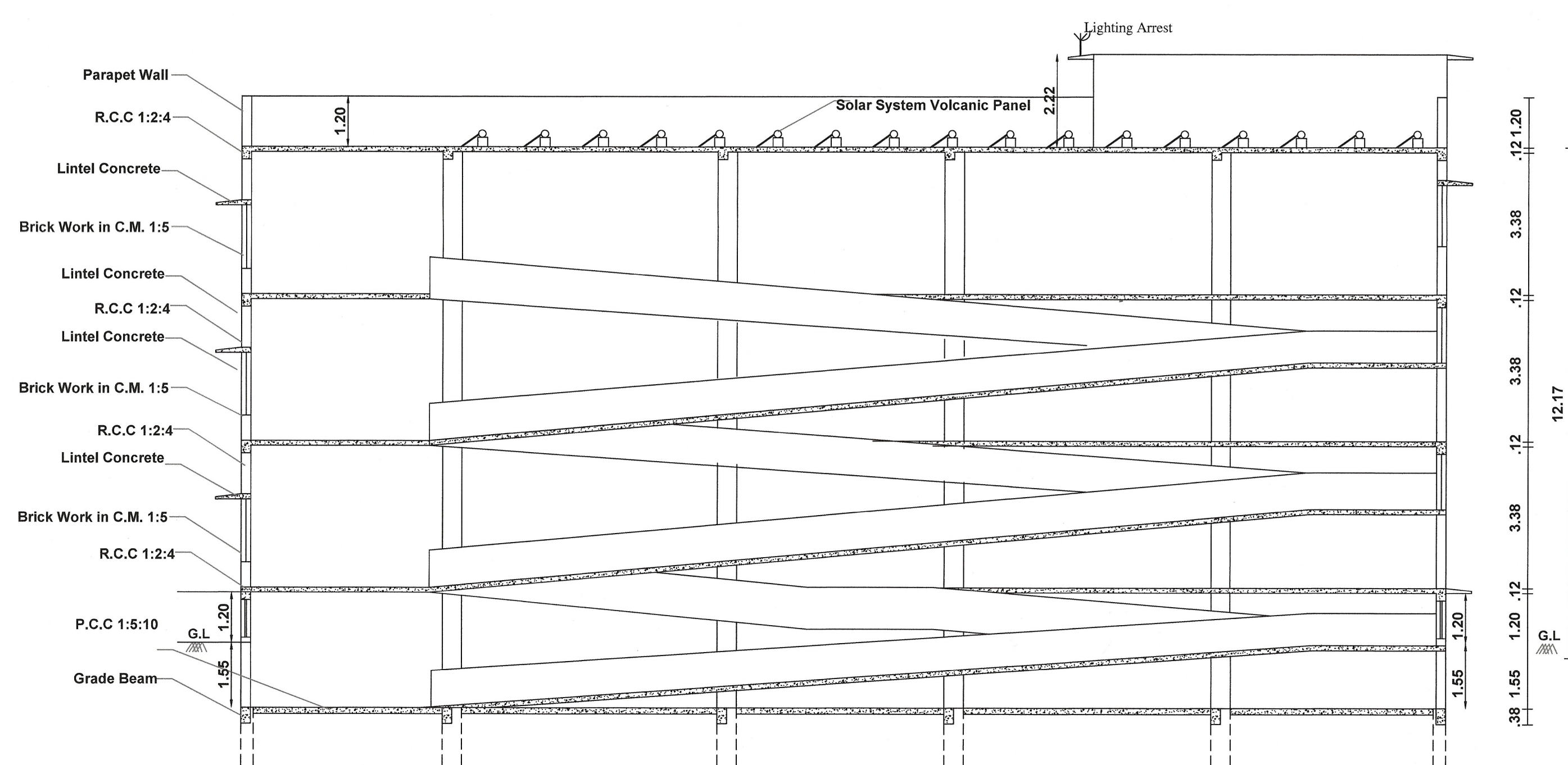
Applicant

License Engineer

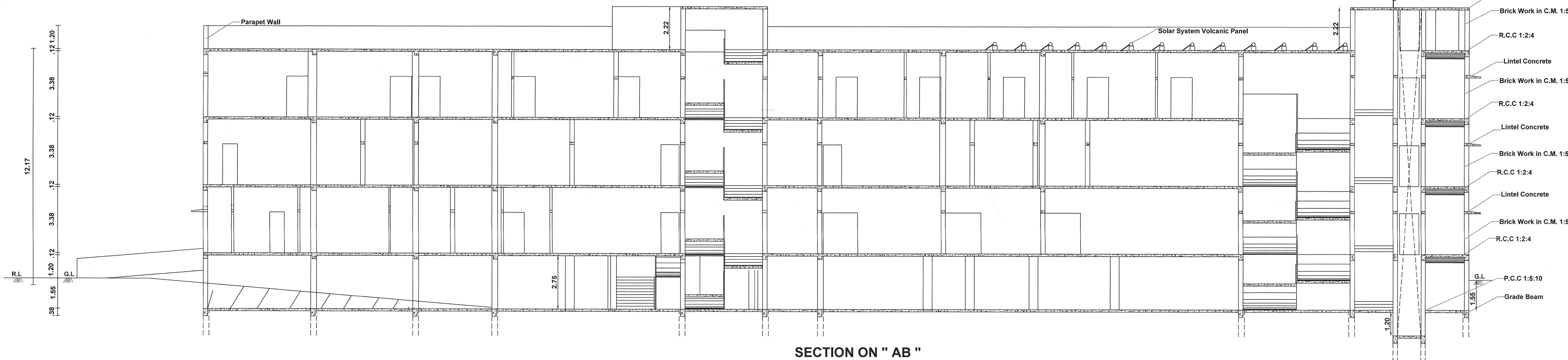
Office Use



ELEVATION



SECTION ON " CD "



SECTION ON " AB "



|                                 |                           |
|---------------------------------|---------------------------|
| <u>PROPOSED PARKING DETAILS</u> |                           |
| <u>HOSPITAL BUILDING -</u>      |                           |
| 75 Sq.Mt                        | = 1 Car + 1 Two wheeler   |
| Hospital Building Area          | = 5293.70 Sq.Mt           |
| Required Area                   | = 5293.70 x 75% Sq.m      |
|                                 | = <u>3970.28</u>          |
|                                 | 75                        |
|                                 | = 53 Mos                  |
| Required Parking                | = 53 Car + 53 Two Wheeler |

|  |  |
|--|--|
|  |  |
|  |  |

$$= \frac{1794.84 + 1749.43 + 1749.43}{4037.00}$$
Plot Coverage:
$$= 44.46 \%$$

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1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

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ALL DIMENSIONS ARE IN METRE, SCALE 1:200

|   |                          |         |       |                                          |
|---|--------------------------|---------|-------|------------------------------------------|
| □ | SITE AREA (As Per Patta) | 4037.00 | 43454 | As Per Super Imposed : 4085.84 SQ.M      |
| □ |                          |         |       | Taking W/o Fallow As Per Patta Site Area |

|                              |                                        |
|------------------------------|----------------------------------------|
| Building Area : 1827.85 SQ.M | Rain Water harvesting Details Provided |
| O.T.S Area : 33.01SQ.M (-)   | Solar System Water tank provided       |

|                            |                                           |
|----------------------------|-------------------------------------------|
| O.T.S Area : 33.01SQ.M (-) | Rain water harvesting tank to be provided |
|----------------------------|-------------------------------------------|

|              |               |                                                |
|--------------|---------------|------------------------------------------------|
| 0.1.3 Area : | 33.0150 M (-) | (As per G.O (M.S) No : 341 - dated 03.11.2004) |
|              |               |                                                |

|                                  |        |      |                                                                                                |
|----------------------------------|--------|------|------------------------------------------------------------------------------------------------|
| EXG. ROAD                        |        |      | S.Co-Efficient - 0.05                                                                          |
| EXG. Building To Be Removed Area | 173.32 | 1866 | Therefore,<br>$= 1671.00 \text{ Sq.m} \times 0.80 \times 0.95 \times 800\text{mm} \times 0.05$ |

|                                 |             |                                |
|---------------------------------|-------------|--------------------------------|
| 10.13% FOR OPEN FOR RESERVATION | 409.00 SQ.M | Provided Size - 7.50 x 4.75 m. |
|                                 |             |                                |

Reg. No. RCE / TVLR / 11 / 2019  
7/14, Shanmathi Nagar  
Gandhinagar, Chennai - 600 026

|  |  |
|--|--|
|  |  |
|--|--|

REGISTERED STRUCTURAL ENGINEER  
REG.No:RSE/GR-ITVL/MARCH/2019/002  
24A, RAJAGOPALPURAM, RAMAYANPATTI,  
OFFICE USE

Er. K. P. MAHALAKSHMI, D.E.

|           |                     |
|-----------|---------------------|
| APPLICANT | REGISTERED ENGINEER |
|-----------|---------------------|

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100

### CONSTRUCTION ENGINEER

STRUCTURAL ENGINEER

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