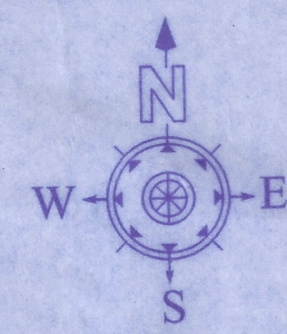
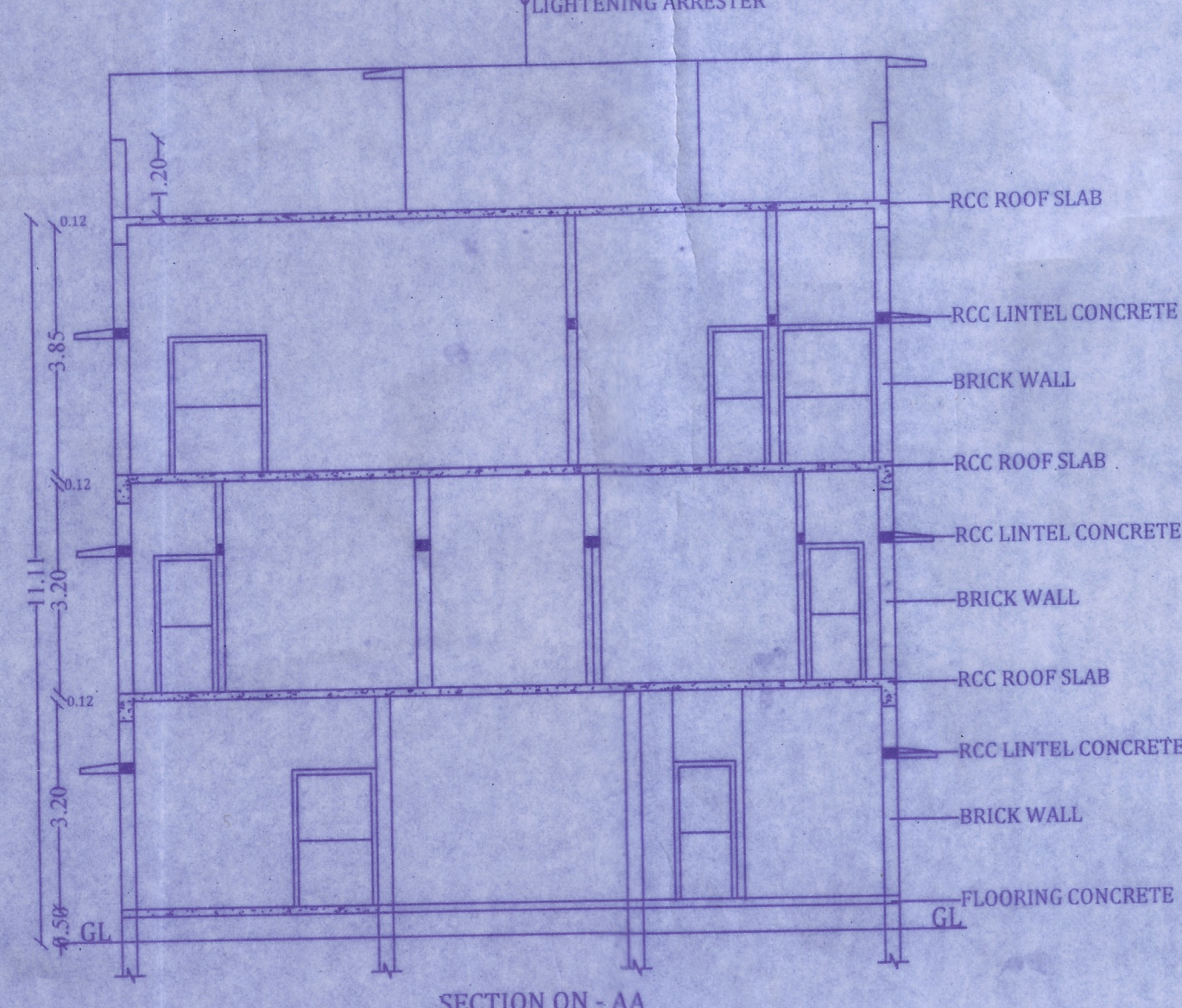


PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL BUILDING IN S.NOS : 286/41,294/3B AT THIRUVELANGUDI VILLAGE, T.SOORAKUDI PANCHAYATH, SAKKOTTAI PANCHAYATH UNION, KARAKUDI TALUK, SIVAGANGAI DISTRICT.

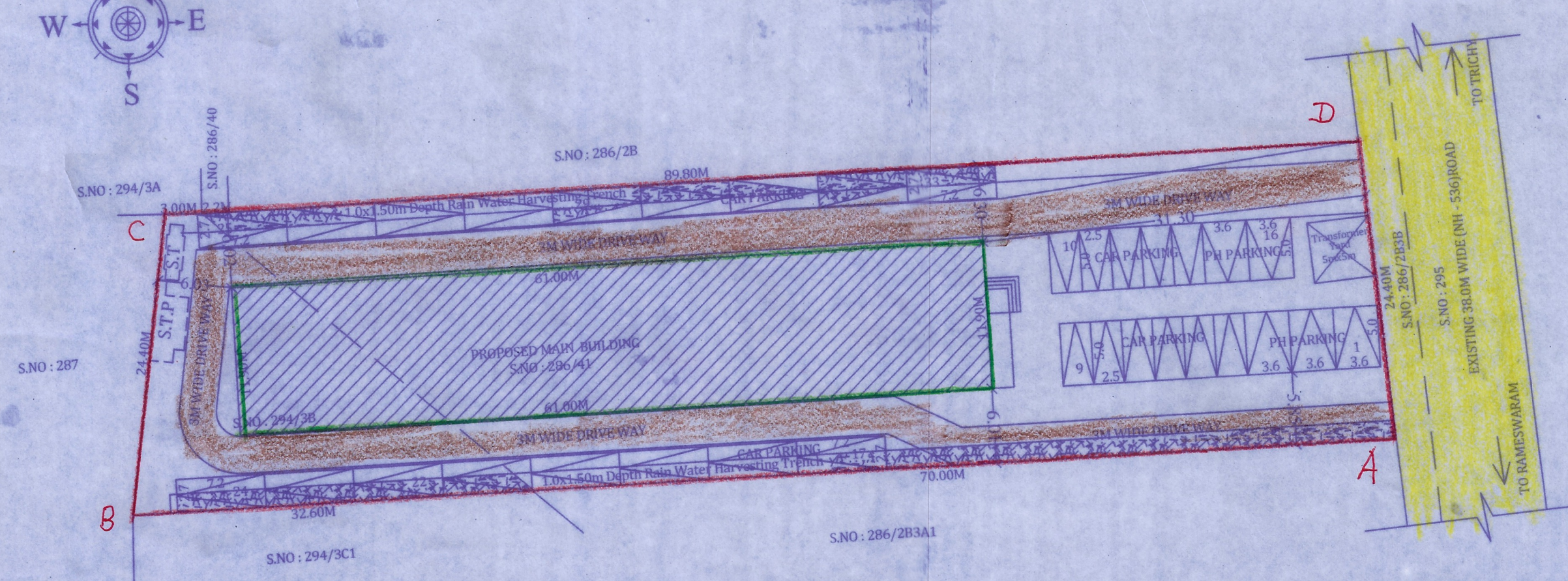
(SCALE - 1:100)



ELEVATION



SECTION ON - AA



SITE PLAN (SCALE - 1:400)

REFERENCE :
SITE BOUNDARY -
EXISTING ROAD -
PROPOSED BUILDING -
DRIVE WAY -

JOINERY DETAILS :
MD MAIN DOOR 1.83 x 2.10
MD1 MAIN DOOR 1.52 x 2.10
D DOOR 1.20 x 2.10
D1 DOOR 0.91 x 2.10
D2 DOOR 0.76 x 2.10
W WINDOW 1.83 x 1.52
W1 WINDOW 1.52 x 1.52
W2 WINDOW 1.20 x 1.52
V VENTILATOR 0.76 x 0.76
LD LIFT DOOR 1.22 x 2.10
SD SLIDING DOOR 1.22 x 2.10
RD DOOR IN RAMP 2.40 x 2.10

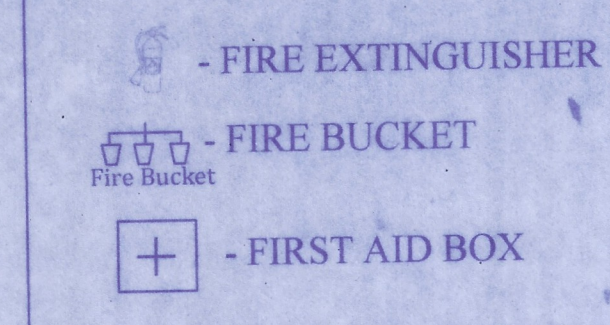
SITE EXTENT - 2409.00Sq.m

Descriptions	Non FSI SQ.M	FSI SQ.M	Total Area SQ.M
Area of the Ground Floor	725.90	725.90	
Area of the First Floor	725.90	725.90	
Area of the Second Floor	725.90	725.90	
Area of the Terrace Floor	201.76	201.76	
Total Floor Area	201.76	2177.70	2379.46

FLOOR SPACE INDEX = $\frac{2177.70}{2409.00} = 0.904$

No. of Car Parking Required - 17Nos
No. of Car Parking Provided - 33Nos
(Including 5 No's PH Parking)
No. of Two Wheeler Parking Required - 17Nos
No. of Two Wheeler Parking Provided - 29 Nos

Note :
All Rooms Mechanical Ventilation to be Provided
Beam and slab system followed is Post Tensioned beam and slab method. Hence Expansion Joint is provided by introducing Cantilever Slabs which eliminates the need of Columns back to back as per usual practice.



ONLINE APPLICATION NUMBER -SWP/BPA/010268/2023

BP/DTCP (SIVAGANGAI DISTRICT) NO:08/2023

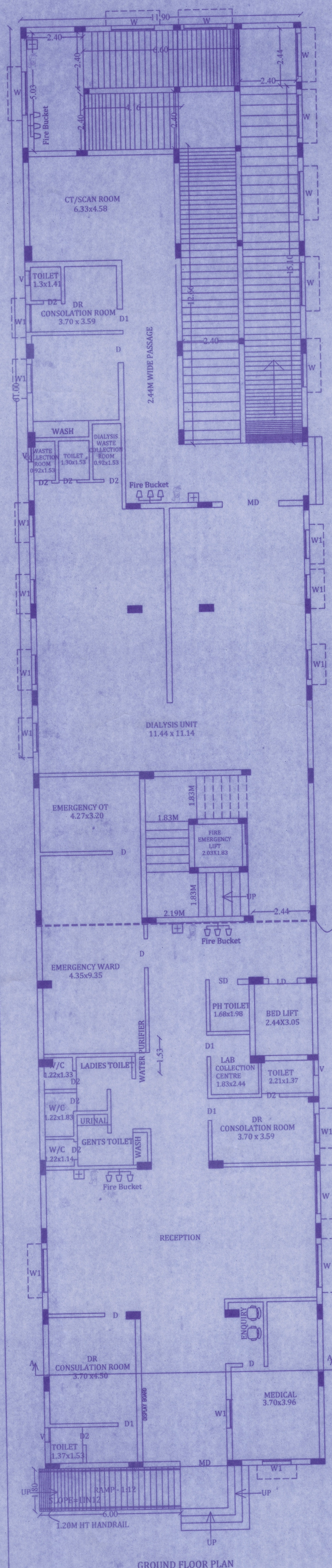
APPLICANT

K. KANAGARAJ PETER, M.E (Struct).
STRUCTURAL ENGINEER GRADE-I
A-33, ANNA KAKAR, THENNUR,
TRICHY - 620 017.
Mobile : 9791204370

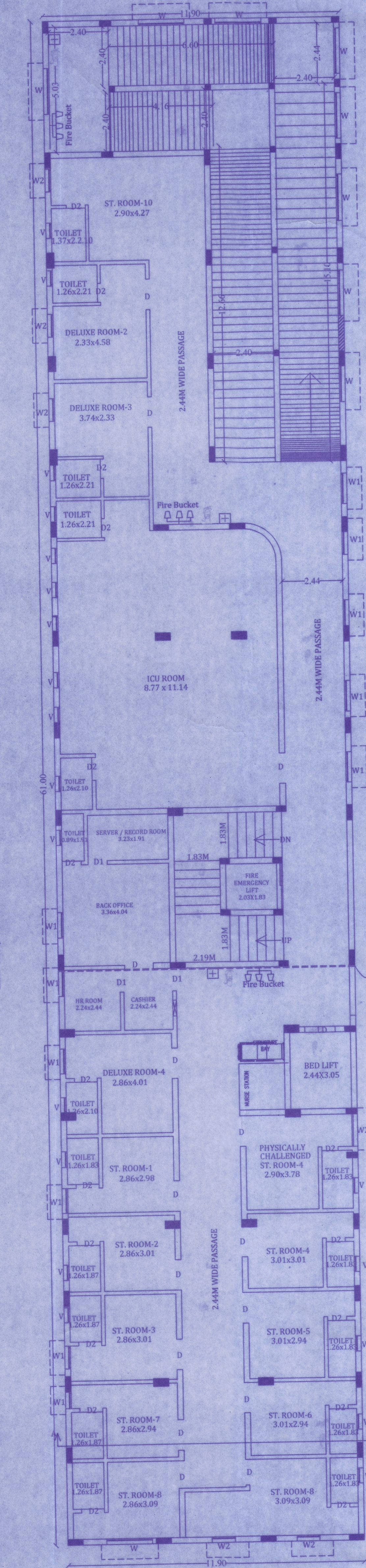
STRUCTURAL ENGINEER

Ar. S. SURIYA PRABHA, B.Arch.,
Regd. Architect COA No. CA03079943
SHADOW ASSOCIATES
Opp. Samaya Theatrum
College to Railway Road
Karakudi - 630 003, Cell. 950981691

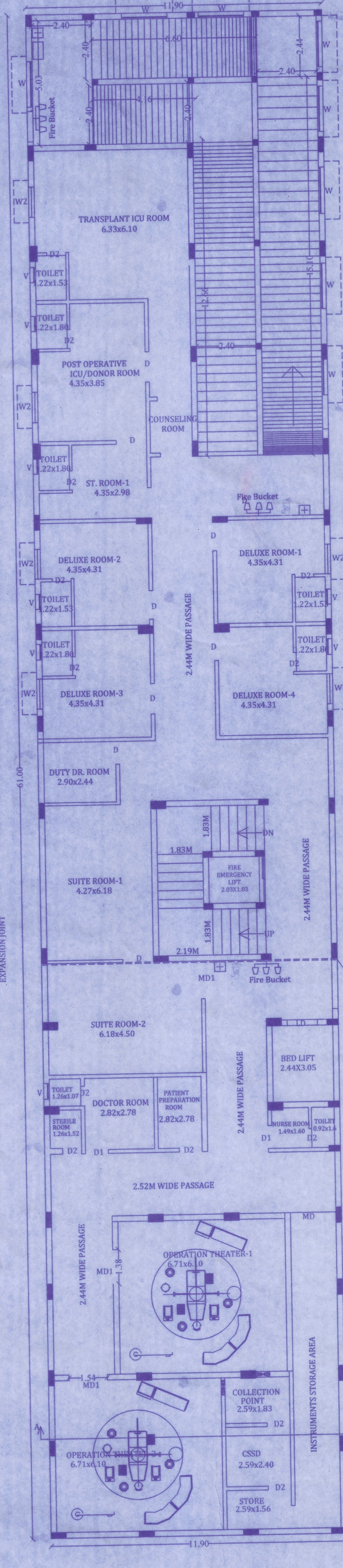
REGISTERED ENGINEER/ARCHITECT



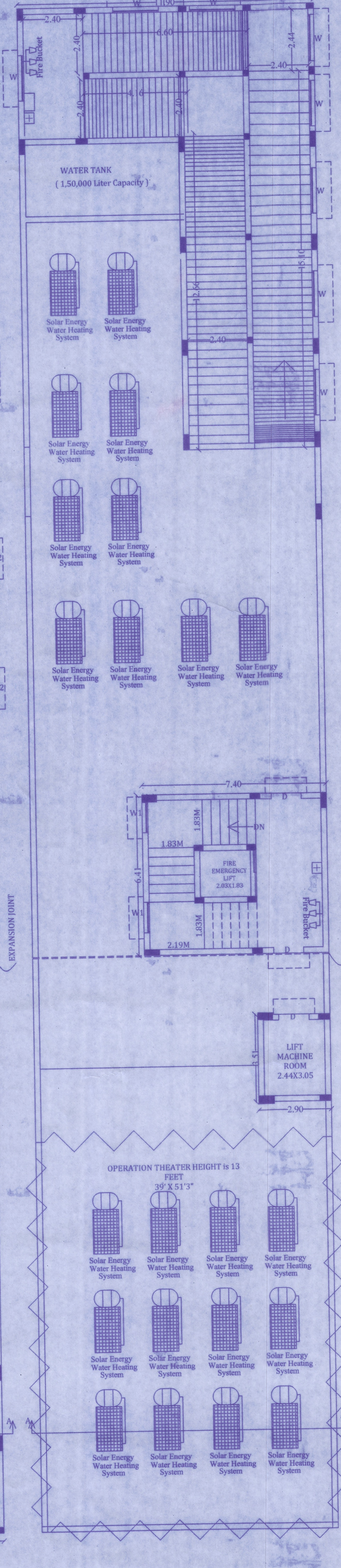
GROUND FLOOR PLAN



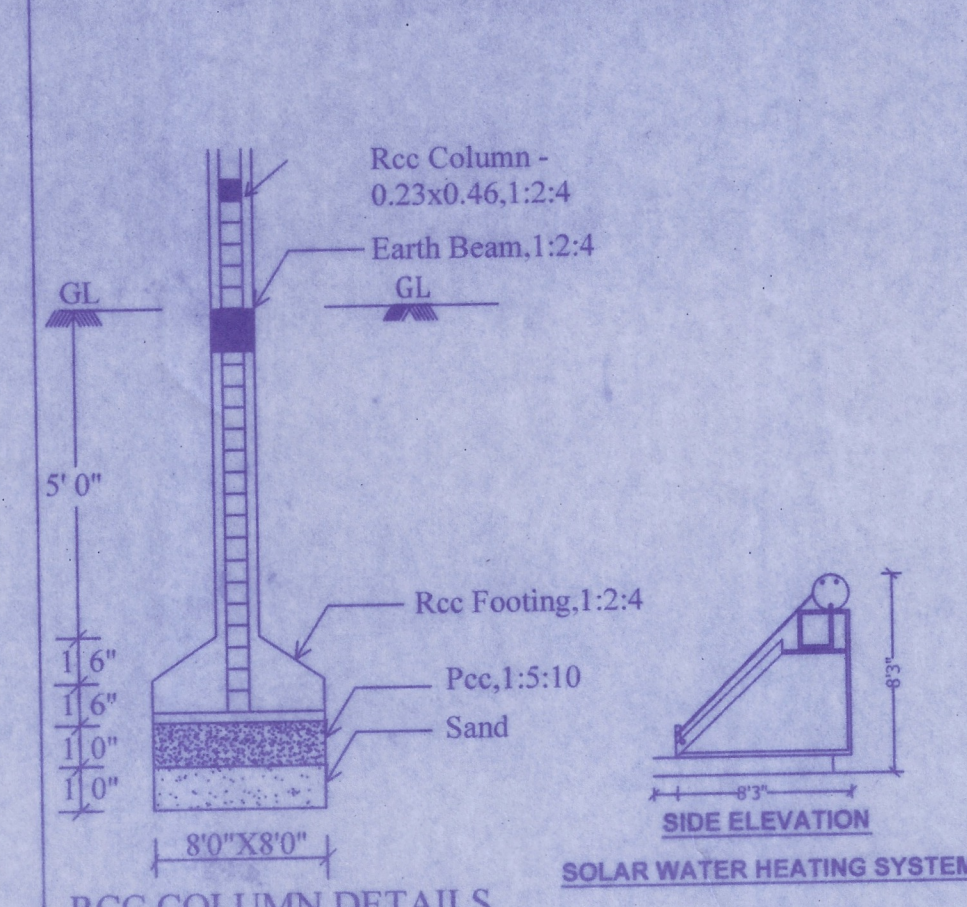
FIRST FLOOR PLAN



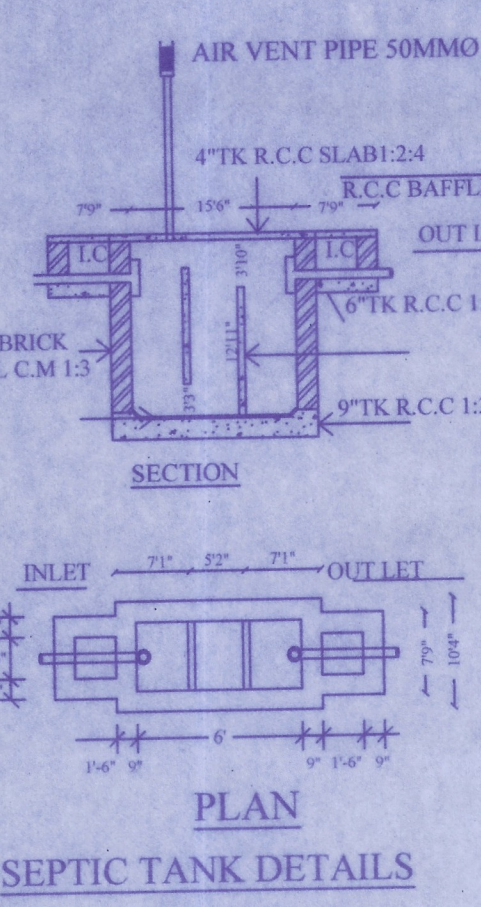
SECOND FLOOR PLAN



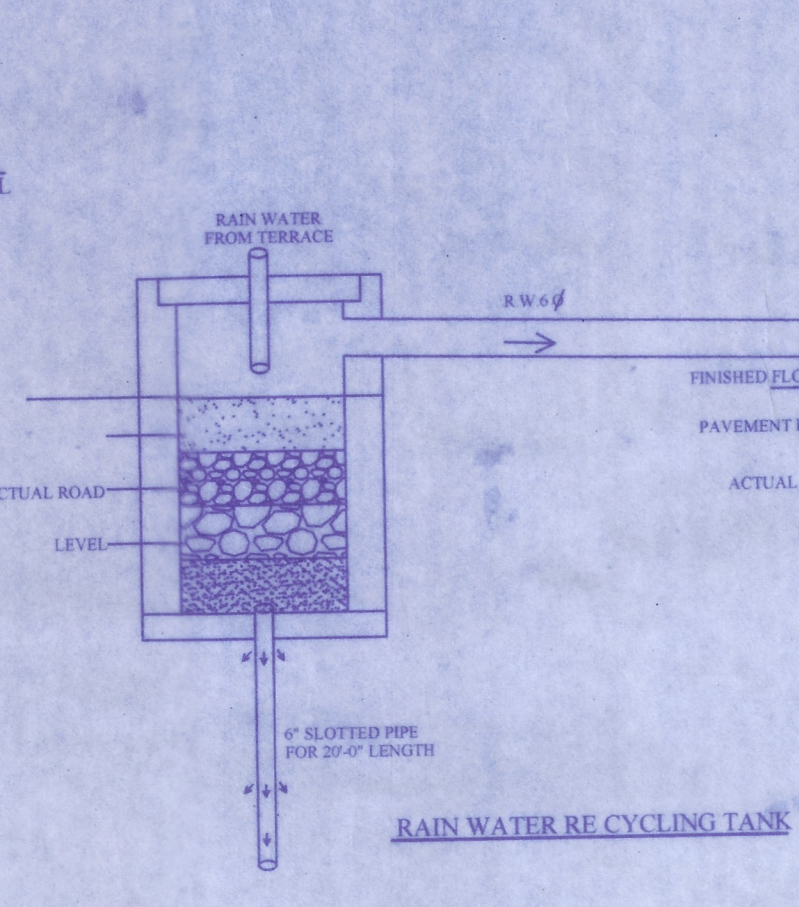
TERRACE FLOOR PLAN



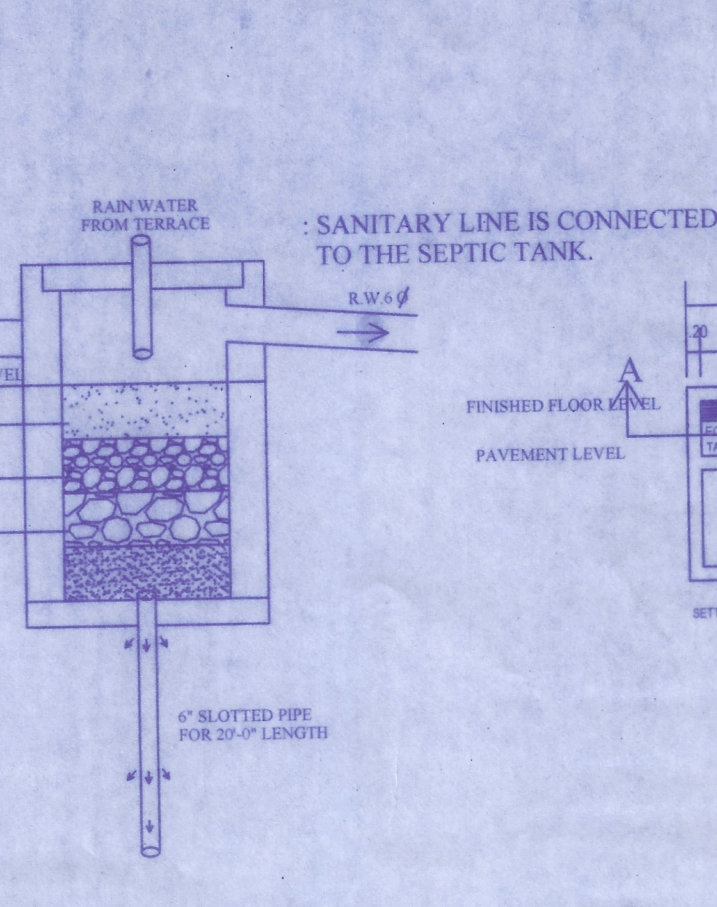
RCC COLUMN DETAILS



SEPTIC TANK DETAILS

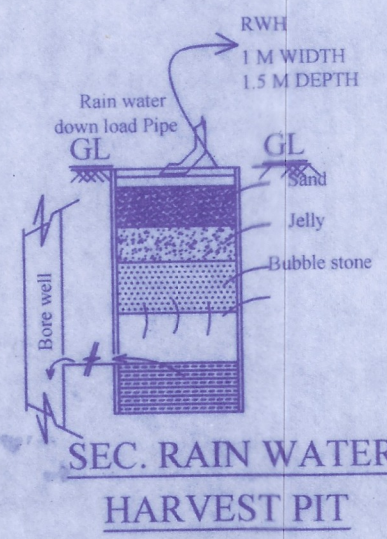


RAIN WATER RECYCLING TANK

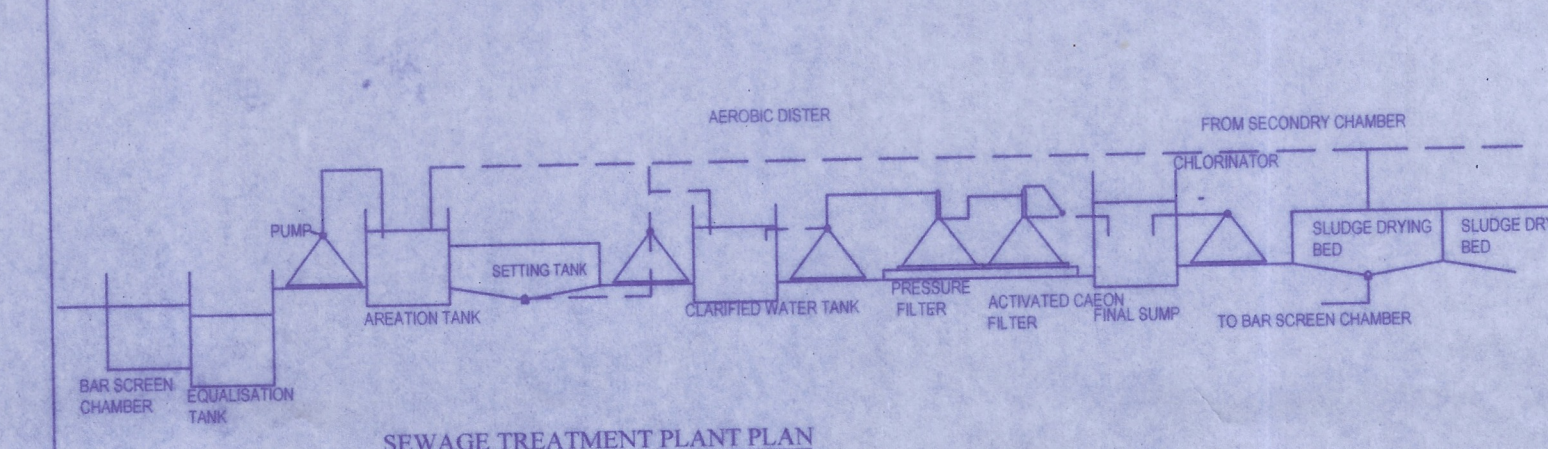


SEWAGE TREATMENT PLANT PLAN

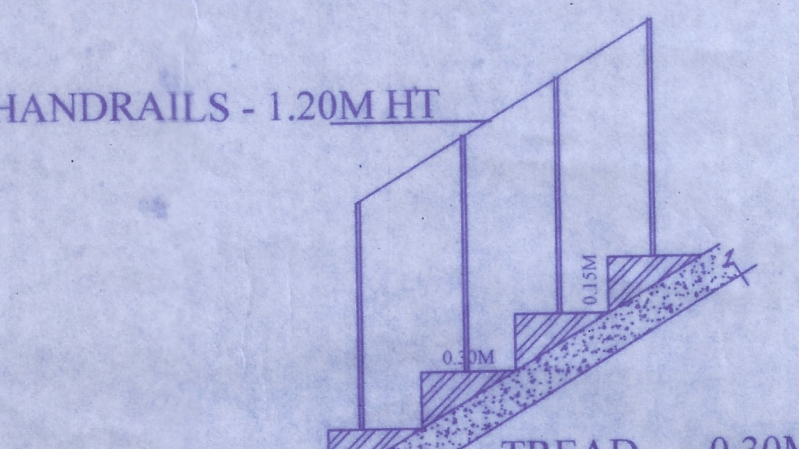
HYDRAULIC FLOW DIAGRAM



SECTION A-A



SEWAGE TREATMENT PLANT PLAN



STAIRCASE DETAILS