

**SITE PLAN**

Plan showing the proposed Residential Building at 12.0m wide road, Ayambakkam, Chennai. Comprised in S.NO. 340/2C (As per docu), S.NO. 340/2A, (As per patta) of Ayambakkam Village within the limit of Thiruverkadu Municipality Limit.

**SCHEDULE OF JOINERIES**

MD36	1.07 X 2.13	Panelled Door
D3	0.90 X 2.13	Panelled Door
D26	0.76 X 2.13	Panelled Door
FD7	2.13 X 2.13	Panelled Door
W6	1.83 X 1.37	Window
W4	1.22 X 1.37	Window
W36	1.07 X 1.37	Window
W33	1.00 X 1.37	Window
KW4	1.22 X 1.37	Window
RS	3.00 X 2.13	Rolling shutter
RS1	2.44 X 2.13	Rolling shutter

**Area Statement**

Plot Area (As Per Patta)	1900.00 Sq.m	
Plot Area (As Per Documents)	1902.01 Sq.m	
<b>Area Statement</b>		
	F.S.I Area	Non F.S.I Area
Slit floor area	41.32	20.94
First floor area	696.16	
Second floor area	696.16	
Third floor area	696.16	
Fourth floor area	696.16	
Fifth floor area	696.16	
Terrace floor area		8.40
Total	3522.12	29.34

F.S.I Achieved - 1.854  
 Total No. of Flats - 30 Nos  
 Car parking Provided - 33 Nos

**Color Index**

- Proposed
- Boundary
- Road

All Dimensions are in Metre.  
 Scale : 1 : 100

**OWNERS SIGNATURE**

For S&P Foundation Private Limited  
 Managing Director / Director

**STRUCTURAL ENGINEER**

**ARCHITECT'S SIGNATURE**

**DESIGN OF SEPTIC TANK TWO UP FLOW FILTERS.**

No. of dwellings - 300 dwellings  
 No. of Users - 5X30 = 1500 nos.  
 Rate of water supply is - 150 Lit/Day.  
 Then flow of sewage per day - 150x150 = 22,500 Lit/Day.

Tank capacity - 22,500 = 750 Lts.  
 30

The tank is to be cleared every year. So the sludge storage capacity at the rate of 15Lts./person/year.  
 - 150x15 = 2250  
 - 22,500+2250 = 24,750

With provision for future expansion let the total capacity be 25,000 lts. or 25 m<sup>3</sup>  
 Septic tank having the capacity of - 25 m<sup>3</sup>  
 Depth of liquid as - 3.00  
 Plan of the Tank - 25 = 8.33  
 3.00

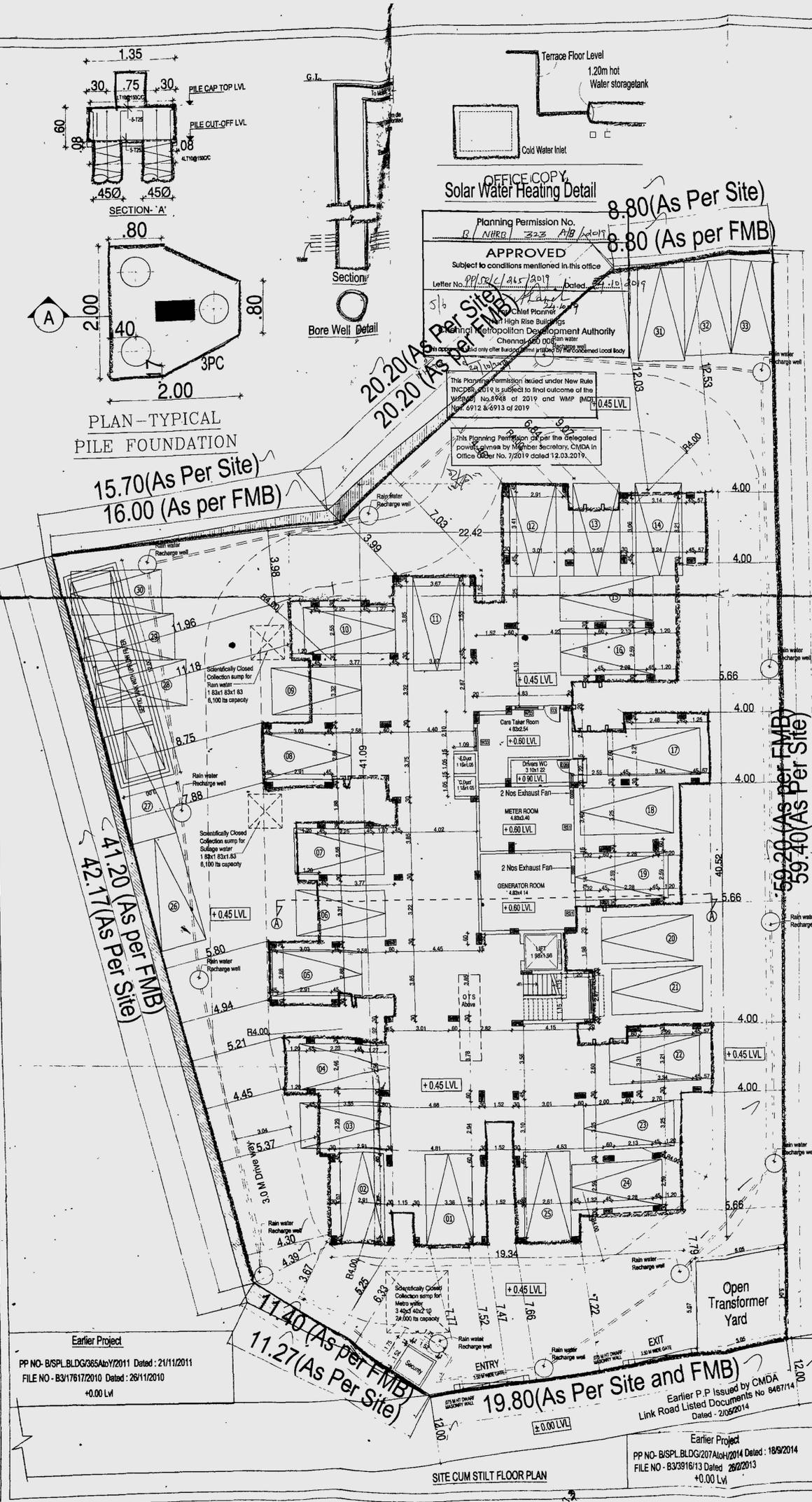
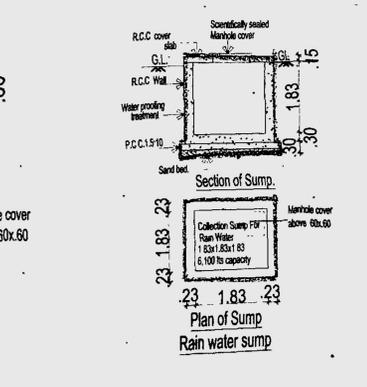
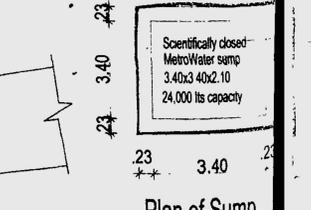
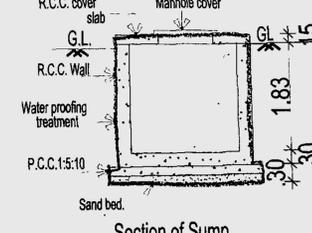
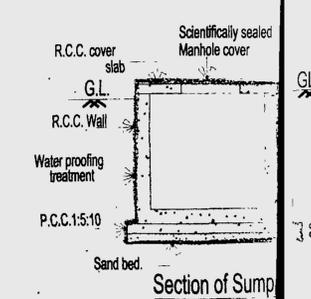
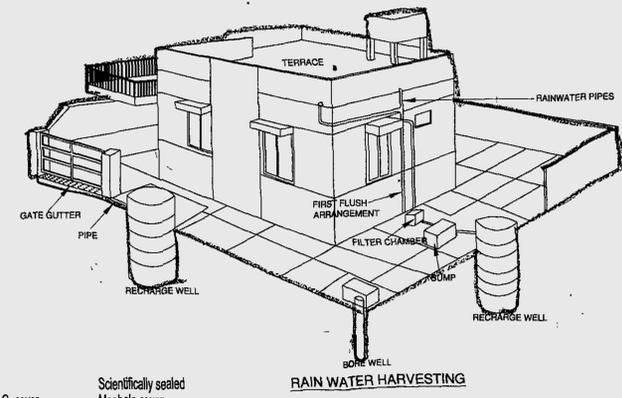
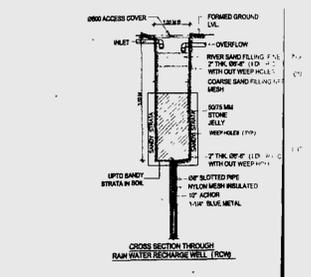
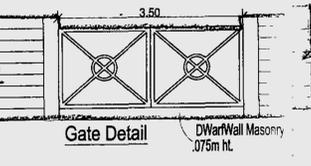
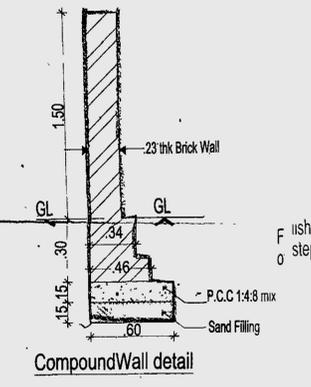
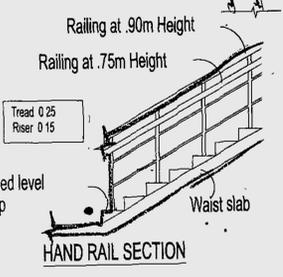
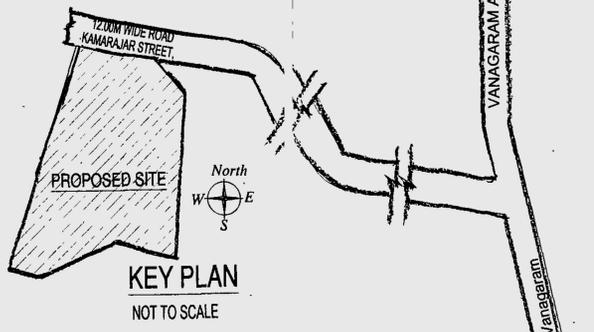
Breadth of the Tank - 1.80  
 Length of the Tank - 2.50  
 Free board of the Tank - 0.30  
 Total depth of the Tank - 2.70+0.30 = 3.00  
 PROVIDE SEPTIC TANK OF THE SIZE - 2.50x1.80x3.00

**UP FLOW FILTERS**

Discharge for 20 persons - 25,000 Lts.  
 Volume - 25,000/96 = 24.50  
 Depth - 3.00m+0.30m = 2.70  
 Plan area required - 24.50 = 8.18 m<sup>2</sup>  
 3.00

**SIZE OF THE FINAL EFFLUENT SUMP**

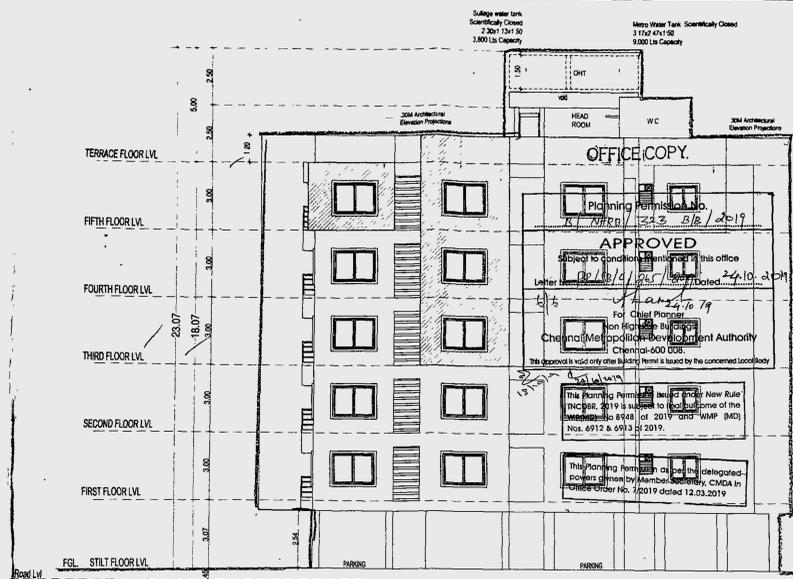
UP FLOW FILTER NO.1 - 1.50x1.80x3.00  
 UP FLOW FILTER NO.2 - 1.50x1.80x3.00



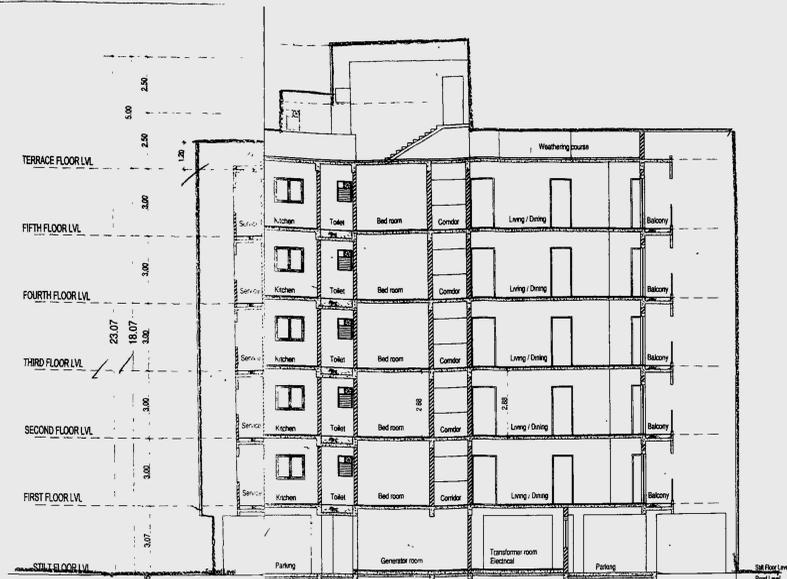
Earlier Project  
 PP NO - B/SPL.BLDG/365A/2011 Dated : 21/11/2011  
 FILE NO - B3/176172010 Dated : 28/11/2010  
 +0.00 Lvl

Earlier P.P Issued by CMDA  
 Link Road Listed Documents No 8467/14  
 Dated - 20/8/2014

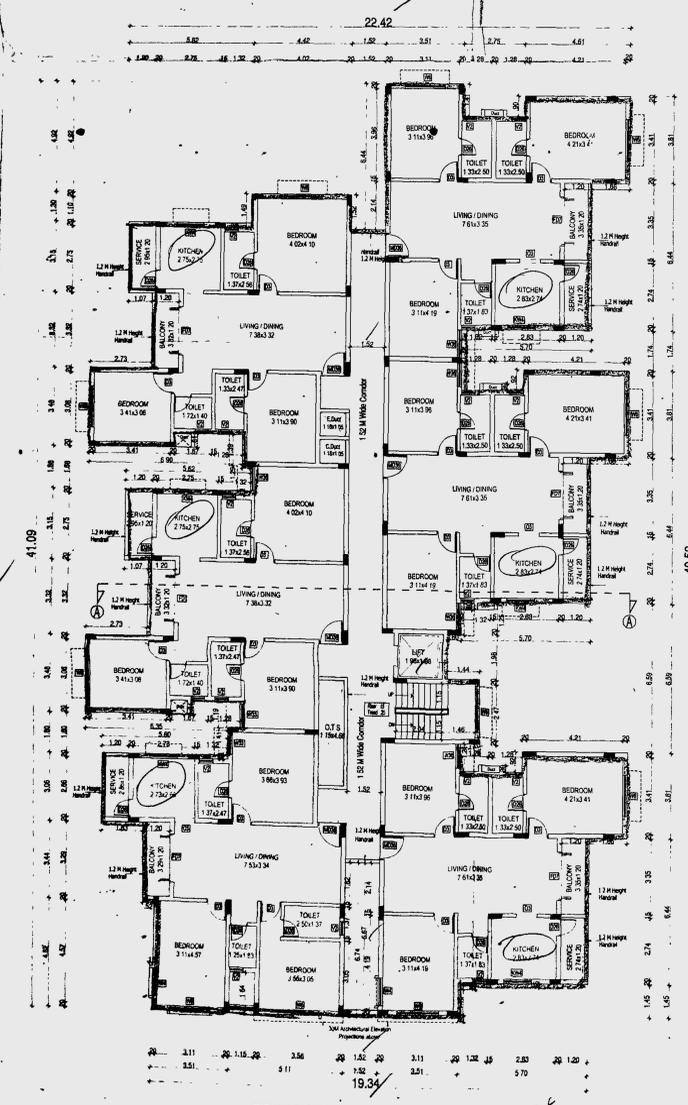
Earlier Project  
 PP NO - B/SPL.BLDG/207A/2014 Dated : 18/9/2014  
 FILE NO - B3/3916/13 Dated : 26/2/2013  
 +0.00 Lvl



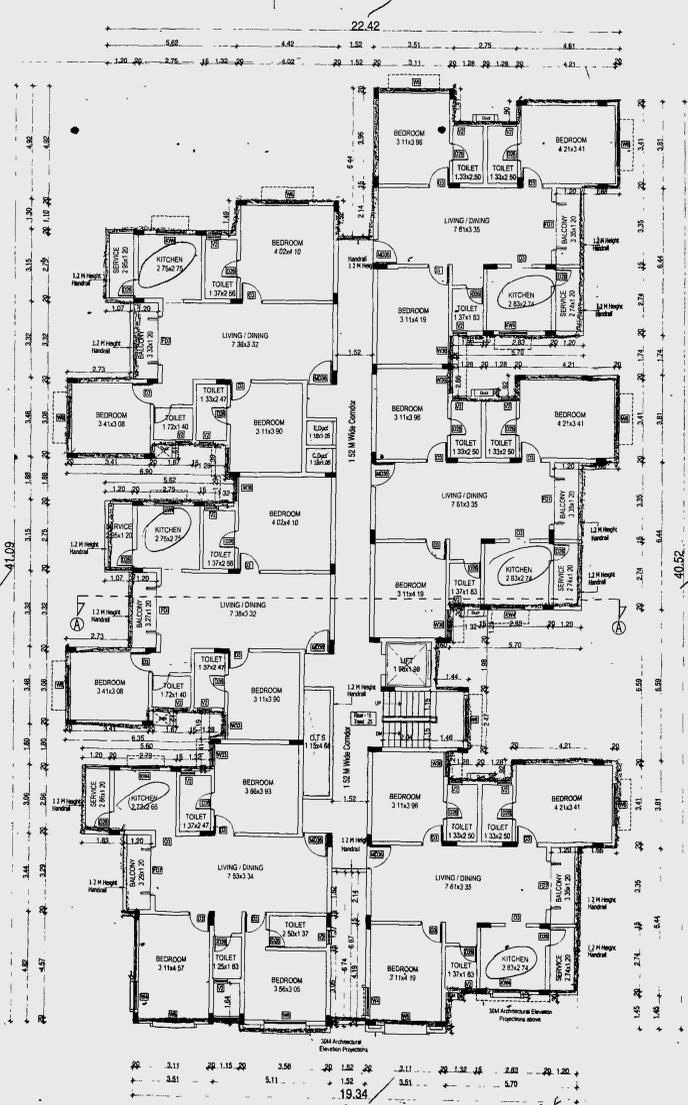
FRONT ELEVATION ( North side )



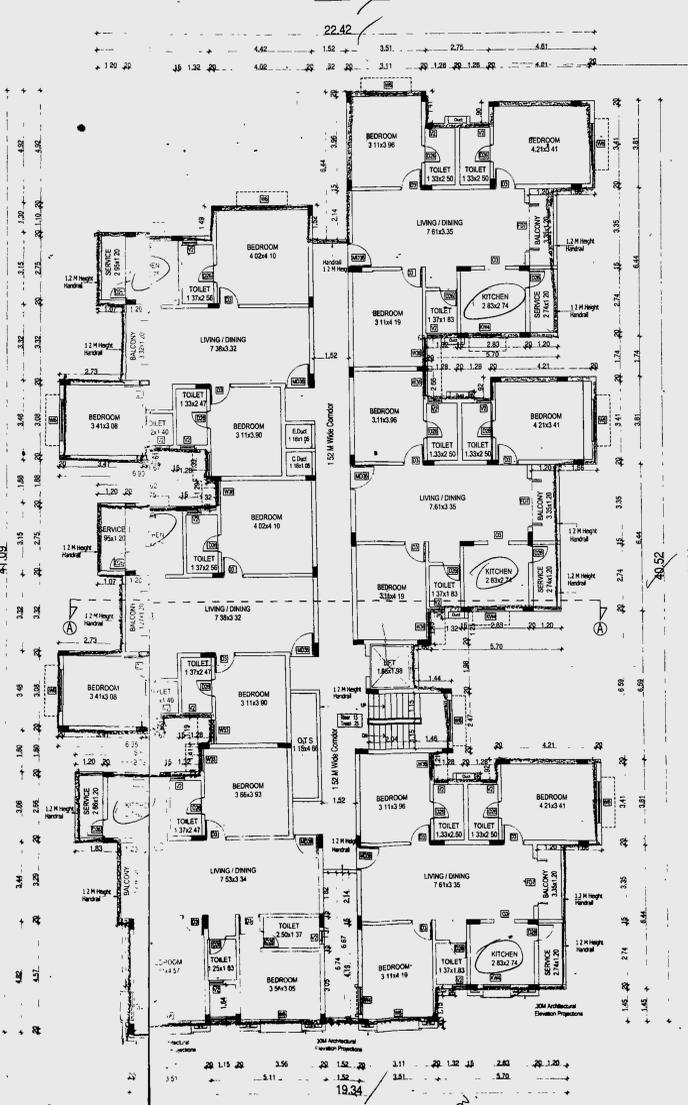
SECTION - AA



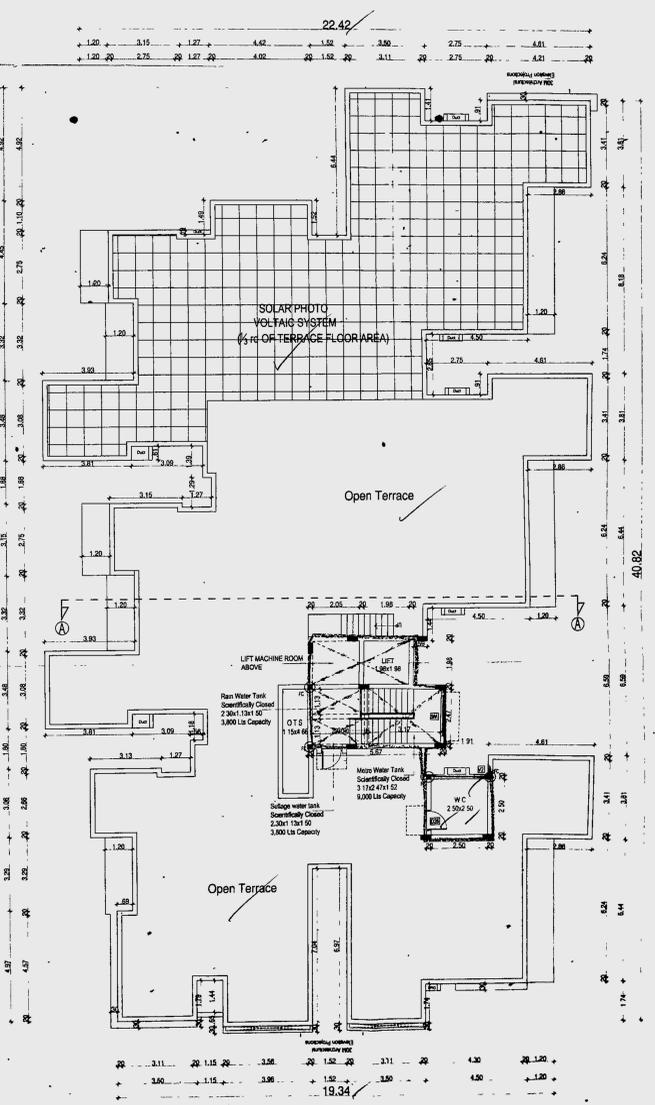
FIRST & SECOND FLOOR PLAN



THIRD & FOURTH FLOOR PLAN



FIFTH FLOOR PLAN



TERRACE FLOOR PLAN

OFFICE COPY  
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- Specifications
- Foundation : RCC Column footing grade of Concrete M20
  - R.C.C Work : For Lintel, Beams, sunshade, Roof, etc., with required thickness cement concrete used M-25 grade
  - Super Structure : B.W in C.M 1:5
  - Flooring : Mosaic Flooring
  - Joinery : Best Indian Country Wood
  - Finishes : Exterior & interior painted with cement paint.
  - Weathering course : Brick jolly lime conc. below the weathering tiles
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