

PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING AT R.S.NO:499/8, PLOT NO:1,2,3, G.ST. ROAD, CHROMPET, S.NO:499/7, 499/5A/2B, ZAMIN PALLAVARAM VILLAGE CHENNAI-44 APPROVED LAY OUT NO:PPD/LO/NO:158/1987

| | |
|---|---|
| LAND EXTENT AS PER DOCU 21626 SFT- 2009.85 SM | LAND EXTENT AS PER LAY OUT 20273.35 SFT- 1884.14 SM |
| AREA DETAILS BLOCK-1 | |
| GROUND FLOOR AREA - 4192 SFT - 389.60 SM | FIRST FLOOR AREA - 4192 SFT - 389.60 SM |
| SECOND FLOOR AREA - 4192 SFT - 389.60 SM | THIRD FLOOR AREA - 4192 SFT - 389.60 SM |
| TOTAL - 16768 SFT - 1558.40 SM | NON F.S.I AREA (G.F) - 1624 SFT - 150.93 SM |
| BLOCK NO:1: F.S.I - 15144 SFT - 1407.43 SM | NO.OF CARPARKING REQUIRED - 11 CAR |

| | |
|--|---|
| STILTS FLOOR AREA - 377.98 SFT - 35.09 SM | FIRST FLOOR AREA - 3937.08 SFT - 365.90 SM |
| SECOND FLOOR AREA - 3937.08 SFT - 365.90 SM | THIRD FLOOR AREA - 3937.08 SFT - 365.90 SM |
| FOURTH FLOOR AREA - 3045.37 SFT - 283.12 SM | TOTAL - 15835.59 SFT - 1471.71 SM |
| NON F.S.I AREA - 802.27 SFT - 74.56 SM | TOTAL BLOCK-2: F.S.I - 15033.32 - 1397.15 SM |
| GRAND TOTAL - 30177.32 SFT - 2804.58 SM | F.S.I - 1.4885 |
| PLOT COVERAGE 40% | NO.OF CARPARKING REQUIRED - 15 CAR |

| | |
|---------------------------|---------------------|
| COLOUR INDEX | PROPOSED = (Symbol) |
| | ROAD = (Symbol) |
| | BOUNDARY = (Symbol) |
| SCALE : 1" = 8'-0" | |
| DATE : | |
| LS = M.V.S.RAO | |

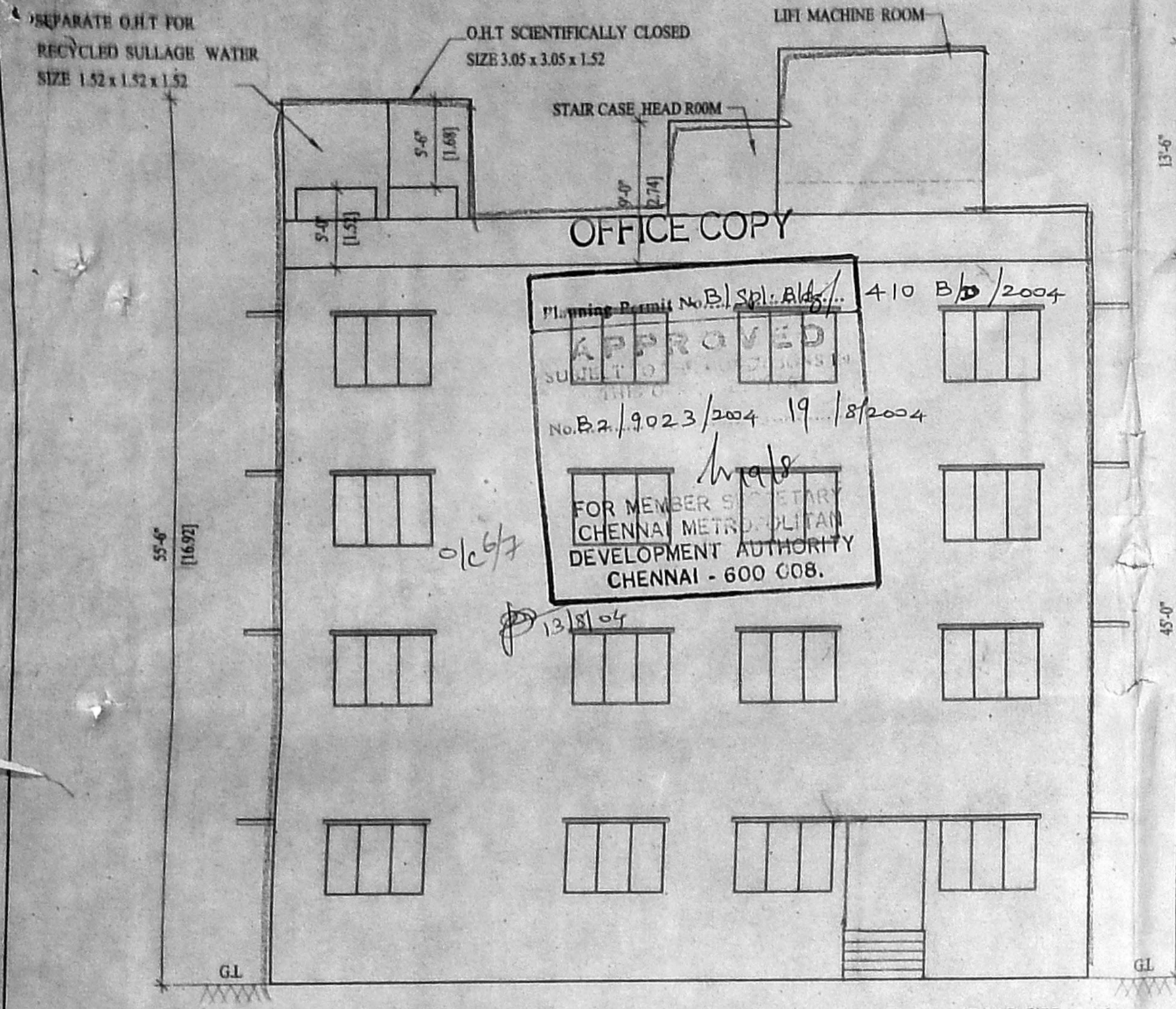
| | |
|--------------------------|---|
| OWNERS | M. VENKATA SUBBA RAO, B.E., M.E. & Civil and Structural Engineer, Licensed Surveyor, Class-1 (99) Corporation of Chennai, 38/74, Bazullah Road, T. Nagar, Chennai - 600 017 Ph: 8344962 |
| LICENSED SURVEYOR | M. AUDISESHAIH, SRINIVASA ENTERPRISES ARCHITECTS AND ENGINEERS, 38, BAZULLAH ROAD, FIRST FLOOR T. NAGAR, CHENNAI - 600017 ph: 28344962 |

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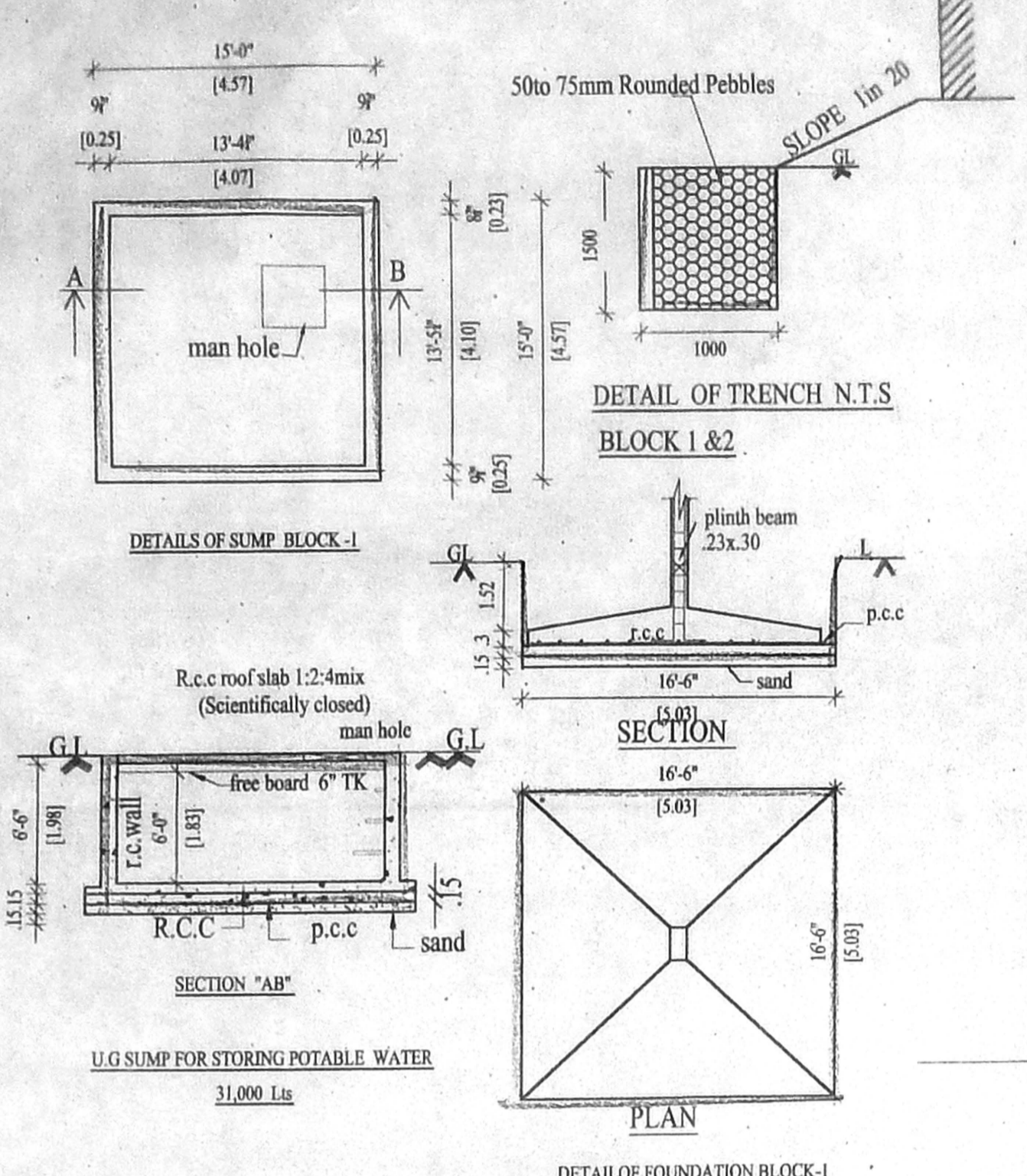
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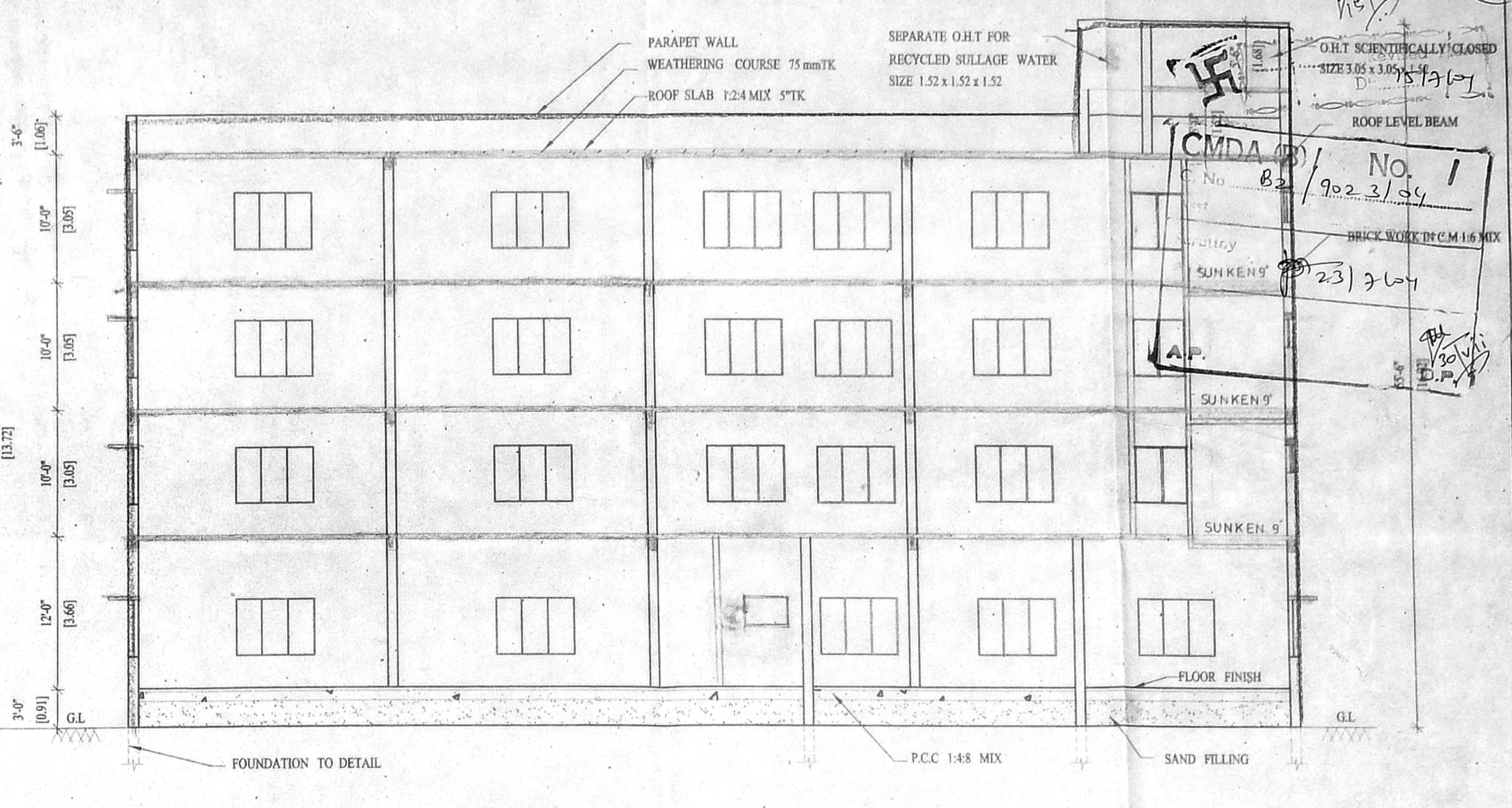
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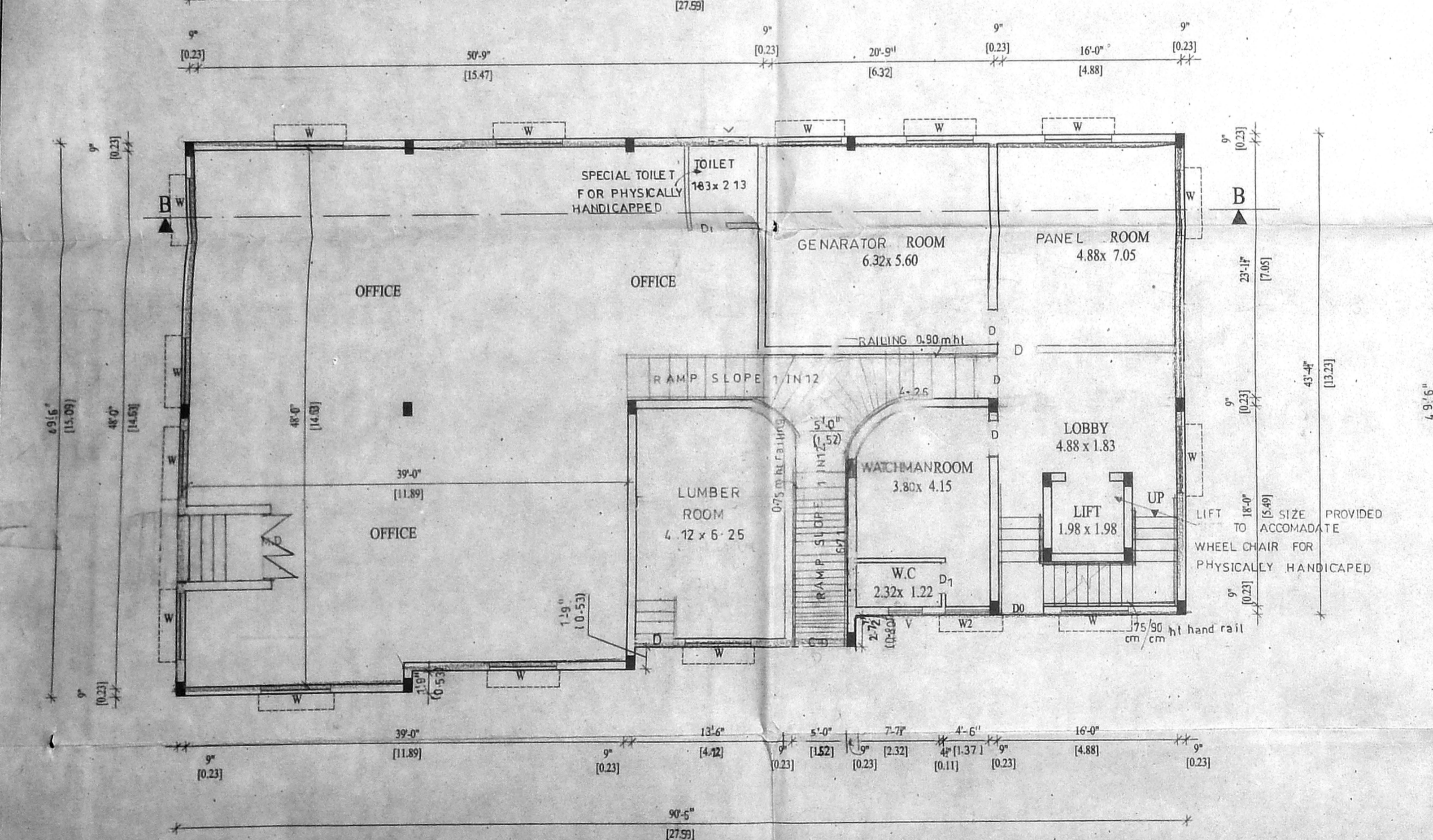
FRONT ELEVATION BLOCK - 1



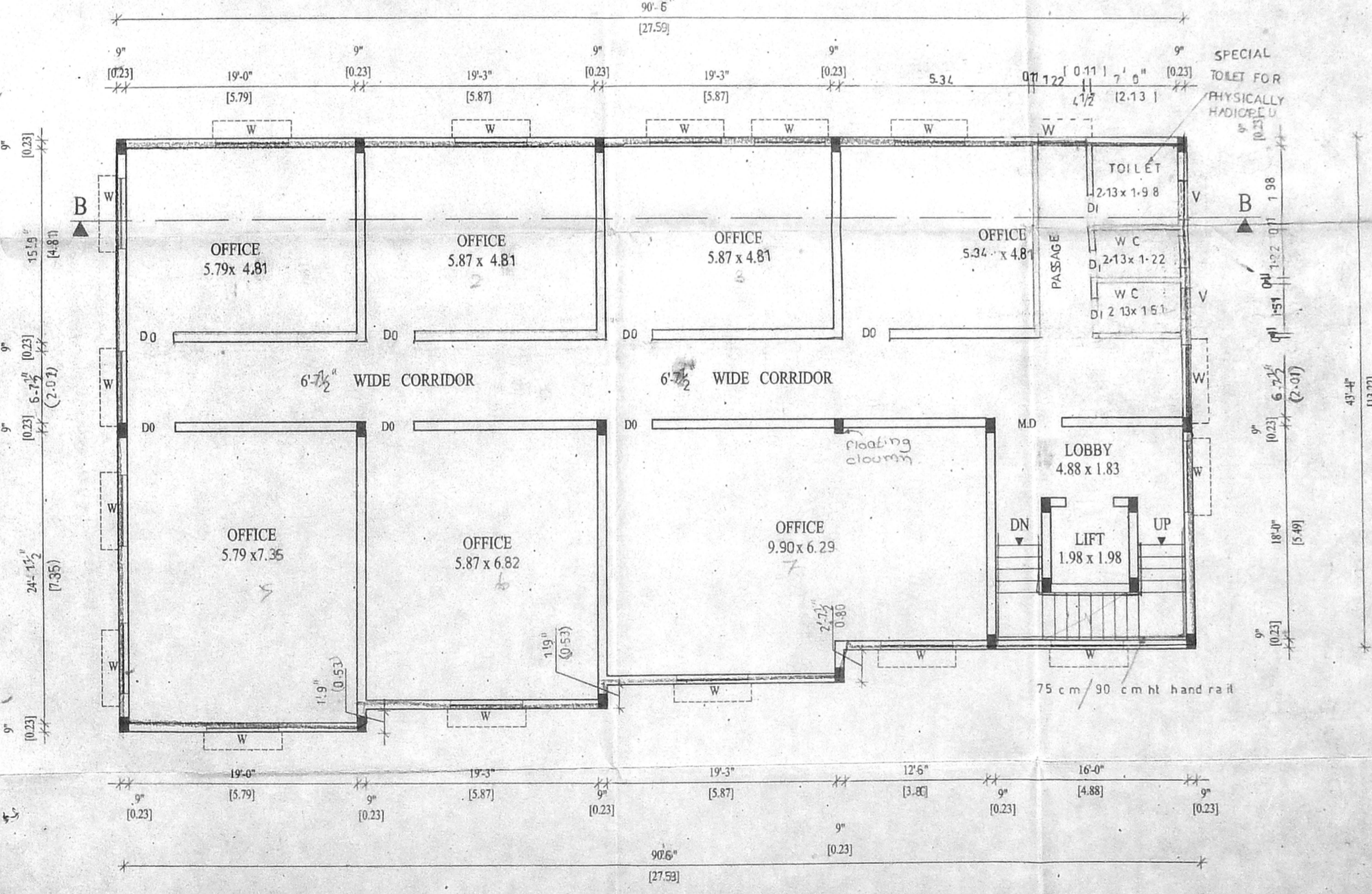
DETAIL OF FOUNDATION BLOCK-1



SECTION ON "B-B" BLOCK - 1



GROUND FLOOR PLAN BLOCK - 1



TYPICAL FLOOR PLAN (II, III FLOORS) BLOCK - 1

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| SPECIFICATIONS | |
|----------------|--|
| FOUNDATION | - R.C.C COL. FOUNDATION OVER P.C.C 1:5:10 |
| FLOORING | - MOSAIC FLOORING OVER P.C.C 1:4:8 & SAND. |
| S.STRUCTURE | - BRICK WORK IN C.M 1:5 MIX. |
| PLASTERING | - CEMENT MORTAR IN 1:4 MIX. |
| ROOF SLAB | - R.C.C ROOF SLAB M25 MIX |
| W.COURSE | - TWO LAYERS OF PRESSED TILES OVER-BRICK JELLY WITH LIME MORTAR. |
| JOINERY | - WITH BEST INDIAN TEAK WOOD. |

| JOINERY DETAILS FOR COMMERCIAL | |
|--------------------------------|----------------------------|
| MD | - MAIN DOOR - 1.83 x 2.13 |
| D0 | - DOOR - 1.22 x 2.13 |
| D1 | - DOOR - 0.91 x 2.13 |
| DI | - DOOR - 0.76 x 2.13 |
| W | - WINDOW - 1.83 x 1.37 |
| WI | - WINDOW - 1.22 x 1.37 |
| V | - VENTILATOR - 0.91 x 0.61 |
| V1 | - VENTILATOR - 0.61 x 0.61 |

| COLOUR INDEX | |
|--------------------|-----|
| PROPOSED | = ⊙ |
| ROAD | = ⊖ |
| BOUNDRY | = ⊙ |
| SCALE : 1" = 8'-0" | |
| DATE : 12-06-04 | |
| LS = M.V.S.RAO | |

OWNERS

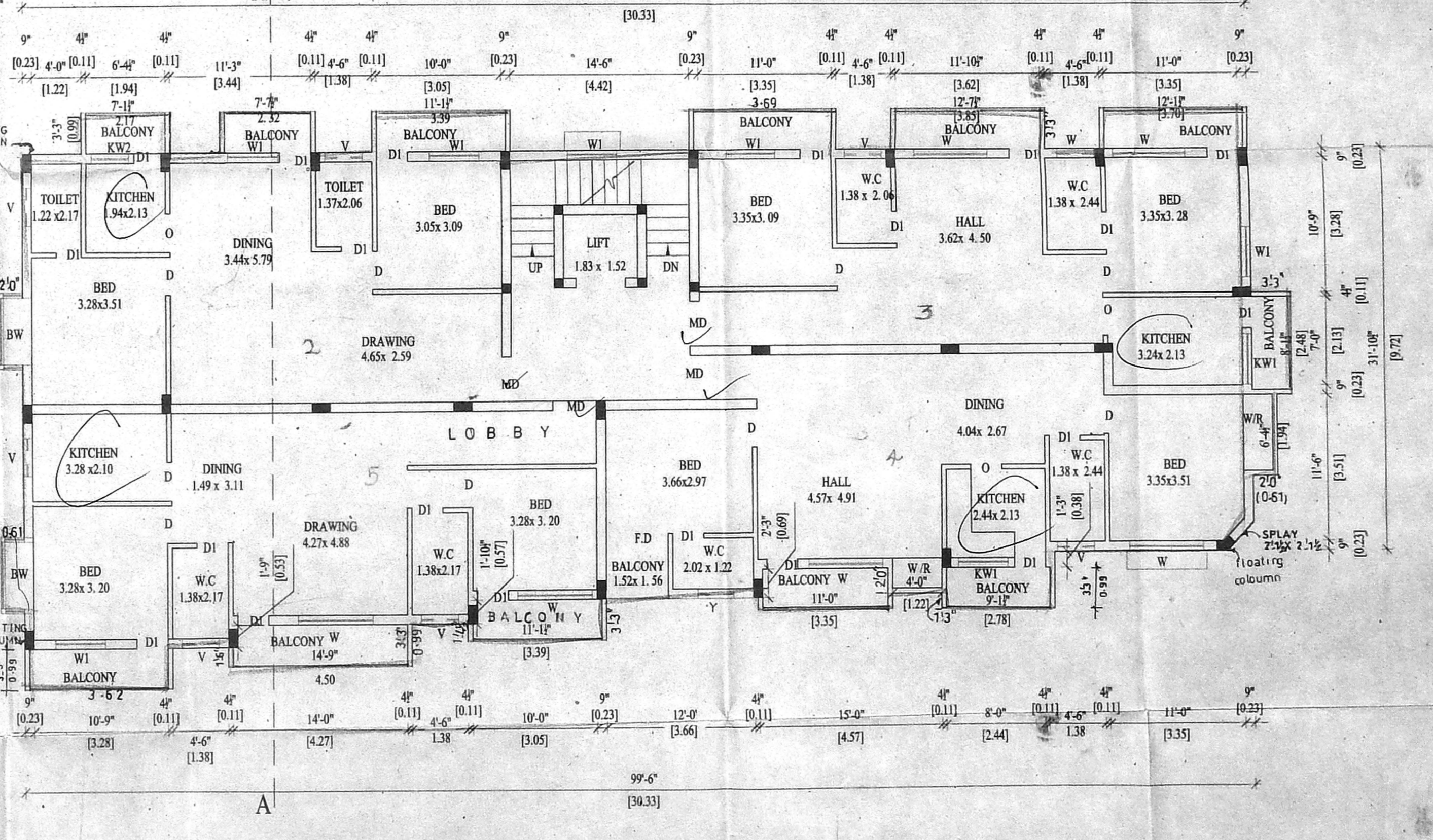
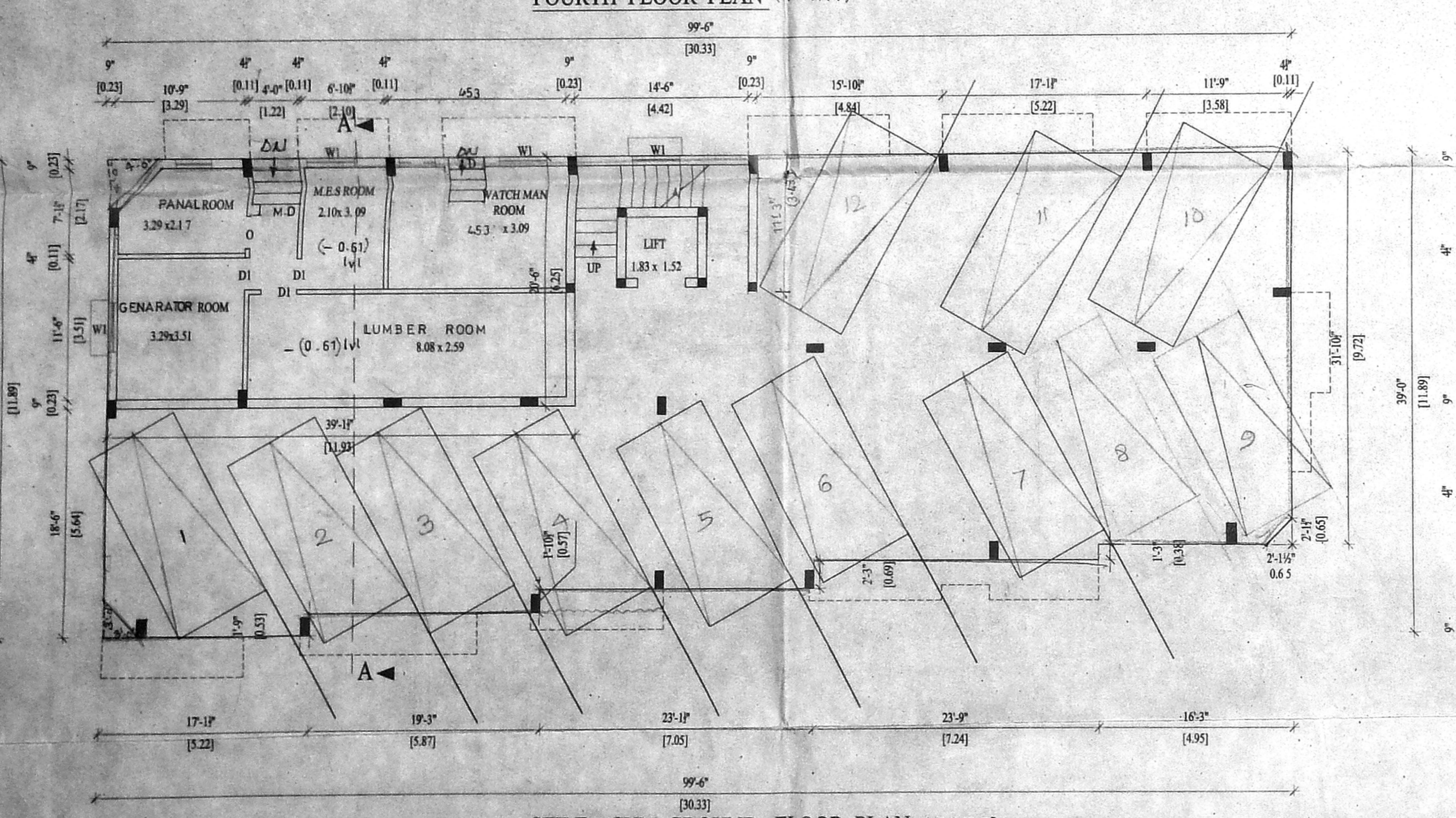
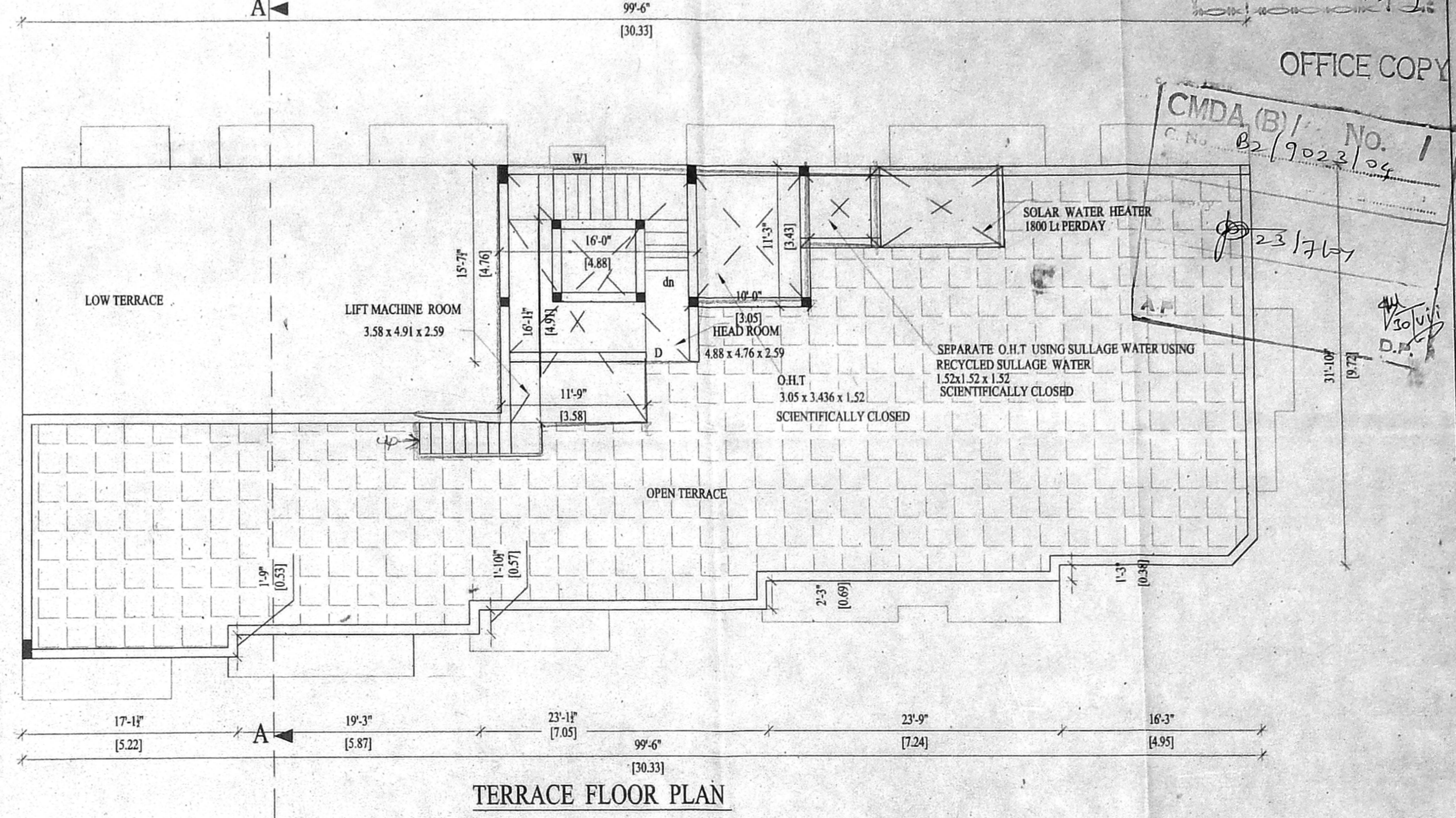
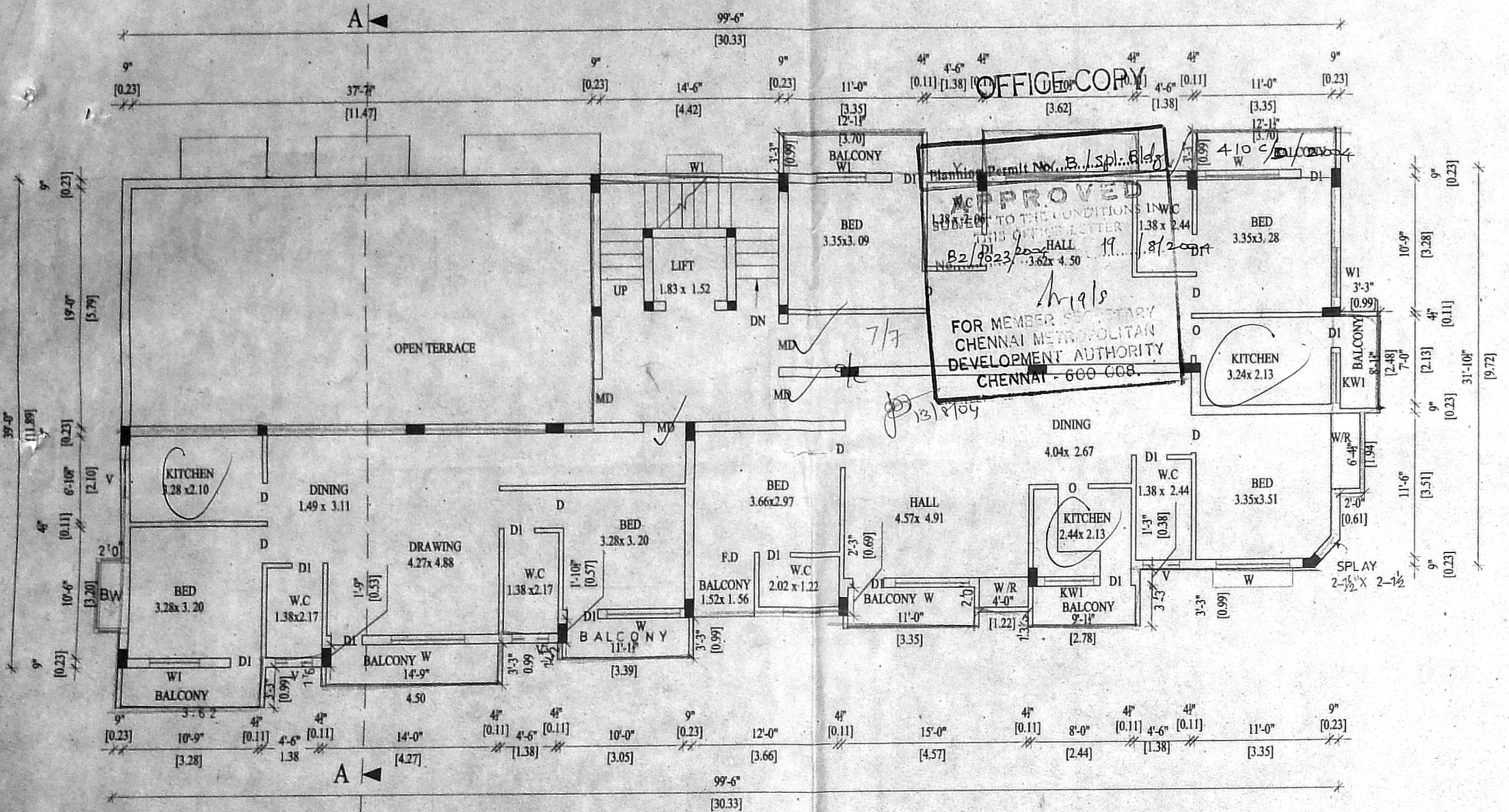
LICENSED SURVEYOR

ARCHITECT
M. AUDISESHIAH
SRINIVASA ENTERPRISES
ARCHITECTS AND ENGINEERS
38, BAZULLAH ROAD, FIRST FLOOR
T. NAGAR, CHENNAI - 600017
ph: 28344962

SHEET NO: 2/3

FOR MR. NITIN K.PATEL (P.A.HOLDER)

Revised Plan
 Date: 15/7/14
OFFICE COPY
 CMDA (B) / No. 1
 C.No. 82/9023/04



PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING AT
 R.S.NO:499/8 , PLOT NO:1,2,3. G.ST. ROAD ,CHROMPET,
 SNO:499/7, 499/5A, 2B, ZAMIN PALLAVARAM VILLAGE
 CHENNAI-44 APPROVED LAY OUT NO:PPD/LO/NO:158/1987

FOR MR. NITIN K.PATEL (P.A.HOLDER)

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| JOINERY | - WITH BEST INDIAN TEAK WOOD. |

JOINERY DETAILS

| | | |
|-----|------------------|---------------|
| MD | - MAIN DOOR | - 1.07 x 2.13 |
| D | - DOOR | - 0.91 x 2.13 |
| DI | - DOOR | - 0.76 x 2.13 |
| FD | - FRENCH DOOR | - 1.52 x 2.13 |
| W | - WINDOW | - 1.83 x 1.37 |
| WI | - WINDOW | - 1.22 x 1.37 |
| KW | - KITCHEN WINDOW | - 1.22 x 1.07 |
| KWI | - KITCHEN WINDOW | - 0.91 x 1.07 |
| V | - VENTILATOR | - 0.91 x 0.61 |

COLOUR INDEX

PROPOSED = ○
 ROAD = ○
 BOUNDRY = ○

SCALE : 1" = 8'-0"
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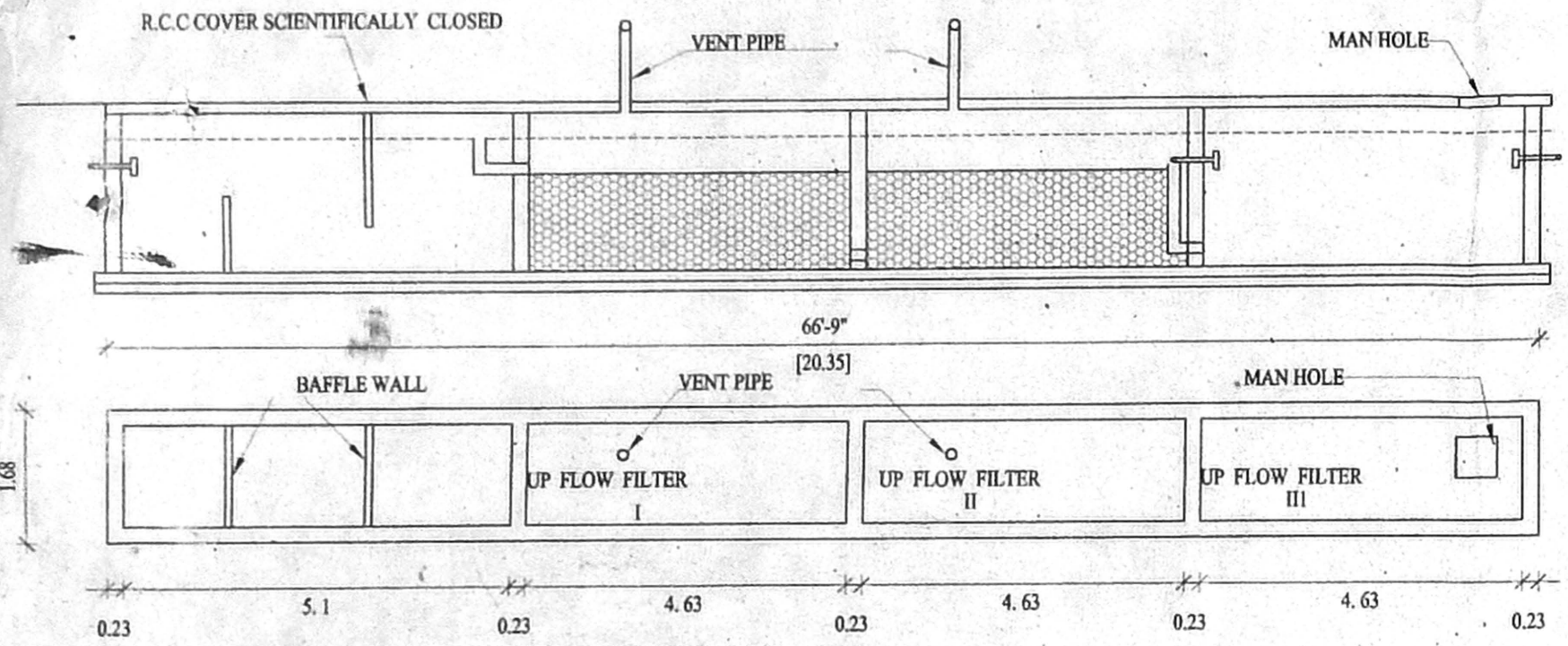
LS = M.V.S.RAO

OWNERS
 REEMAS PAPER

LICENSED SURVEYOR
 M. VENKATA SUBBA RAO, BE, M.E.,
 Civil and Structural Engineer,
 Licensed Surveyor, Class-I (99)
 Corporation of Chennai
 88/74, Bazullah Road,
 T. Nagar, Chennai - 600 047
 Ph: 8344962

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 ARCHITECTS AND ENGINEERS
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 T. NAGAR, CHENNAI - 600017
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SHEET NO: 3 / 3

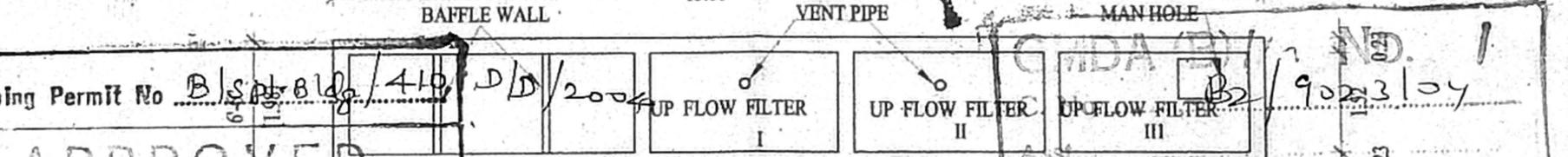
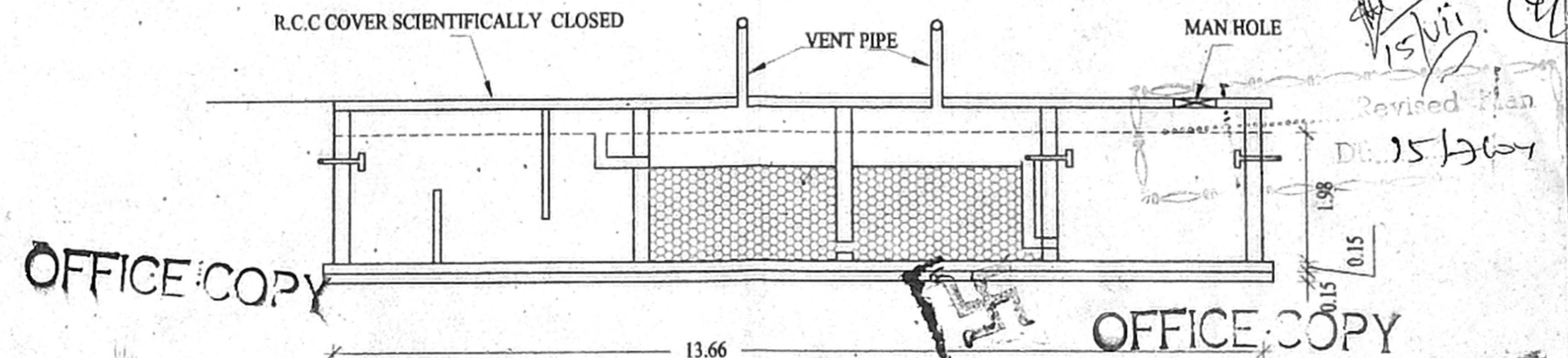


SEPTIC TANK DETAIL FOR BLOCK-1

SEPTIC TANK CALCULATION FOR BLOCK-1 (OFFICE BUILDING)

OFFICE BUILDING 50 SQM IN 1 DWELLING
 1407.43 SQM TOTAL 1 FLOOR AREA
 50SMIDWELLIN =28 DWELLING
 1 DWELLING 5 PERSON,NO:OF USERS 28x5=140
 RATE OF WATER SUPPLY IS 135LPH/DAY
 THEN FLOW OF SWEAGE PER DAY=140x135=18900
 DETENSION PERIOD IS 18 HOURS
 TANK CAPACITY 18900x18/24=14175
 THE TANK IS TO BE CLEANED IN EVERY YEAR
 SO SLUDGE STORAGE CAPACITY AT THE RATIO
 OF 150 LT.FOR PERSON PER YEAR=140x13.5=1890, 14175+1890=16065
 VOLUMES 140x .25=35m³
 THENDEPTH OF TANK =2- 0.5=1.5 M
 PLAN OF AREA REQUIRD=3.53 FILTERx1.5=7.77
 PLAN OF AREA REQUIRD=3.5M²/3 FILTERx1.5=7.77
 B=1.68,LENGTH =7.77/1.68=4.63
 SIZE OF INFLUENT TANK 5.1x 1.7x2.4
 UP FLOW FILTER I=4.64x 1.68X 1.5
 UP FLOW FILTER II= 4.64x 1.68X 1.5
 UP FLOW FILTER III=4.64x 1.68X 1.5

WITH PROVISION FOR FUTURE EXPANSION
 LET THE TANK CAPACITY= 17000LT=17 M³
 DEPTH OF LIQUID =2.0M
 PLAN OF AREA OF TANK=17/2=8.5SQM
 THE RATIO OF LENGTH TO WIDTHOF TANK=3,L=3B
 AREA=LxB=3BxB=3B²=8.5
 B=√8.5/3=1.68 L=3B=3x1.68=5.05
 FREE BOARD OF TANK=4,
 THENDEPTH OF TANK =2+.4=2.4M
 PROVIDE SEPTICK TANK SIZE=5.1 x1.7x2.4
 UPFLOW FILTER DISCHARGE OF 140 PERSON =140 x 75LT=10500



OFFICE COPY

Planning Permit No. B/S/810/419/D/D/2004

APPROVED

SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER

No. B.2/9023/2004 Date 19/8/2004

SEPTIC TANK DETAIL FOR BLOCK-2

FOR MEMBER SECRETARY
 CHENNAI WATER SUPPLY
 DEPARTMENT

CHENNAI - 600022

13/8/04

3 FLOOR =3x4=12 DWELLING
 4th FLOOR =3=12 +3=15 DWELLING
 1 DWELLING 5 PERSON,NO:OF USERS 15x5= 75
 RATE OF WATER SUPPLY IS 135LPH/DAY
 THEN FLOW OF SWEAGE PER DAY=75x135=10125
 DETENSION PERIOD IS 18 HOURS
 TANK CAPACITY 10125 x18/24= 7594
 THE TANK IS TO BE CLEANED IN EVERY YEAR
 SO SLUDGE STORAGE CAPACITY AT THE RATIO
 OF 150 LT.FOR PERSON PER YEAR= 75x13.5= 1012.5
 7594+1012.5=8606.5 ie=8700LT
 WITH PROVISION FOR FUTURE EXPANSION
 LET THE TANK CAPACITY= 8700 LT=8.7 M³
 DEPTH OF LIQUID =2.0M
 PLAN OF AREA OF TANK=8.7/2=4.35SQM
 THE RATIO OF LENGTH TO WIDTHOF TANK=3 L=3B

AREA=LxB=3BxB=3B²=5.5
 B=√4.35/3=1.2 L=3B=3x1.2= 3.6
 FREE BOARD OF TANK=4,
 THENDEPTH OF TANK =2+.4=2.4M
 PROVIDE SEPTICK TANK SIZE=3.6 x1.3x2.4
 UPFLOW FILTER DISCHARGE OF 140 PERSON =75 x 75LT= 5625
 VOLUMES 75x .25=18.75m³
 THENDEPTH OF TANK =2- 0.5=1.5 M
 PLAN OF AREA REQUIRD=18.75/1.5=12.5
 B=1.4,LENGTH =4.16/1.4=2.97
 UP FLOW FILTER I=2.97 x 1.4X 1.5
 UP FLOW FILTER II= 2.97 x 1.4X 1.5
 UP FLOW FILTER III= 2.97 x 1.4X 1.5

A.P.

SEPTIC TANK CALCULATION FOR BLOCK-2 (RESIDENTIAL BUILDING)

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 CHENNAI-44 APPROVED LAY OUT NO:PPD/LO/NO:158/1987

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OWNERS

Reena & Patel

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