

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
MD	MAIN DOOR	11'0" x 7'0"
ED	ENTRANCE DOOR	11'0" x 7'0"
D	DOOR	6'0" x 7'0"
D1	DOOR	6'0" x 7'0"
D2	DOOR	6'0" x 7'0"
W	WINDOW	4'0" x 6'0"
W1	WINDOW	4'0" x 6'0"
V	VENTILATOR	6'0" x 7'0"
GD	GRILL DOOR	6'0" x 7'0"

AREA STATEMENT	NO.	SQ.FT	D.P.
AS PER DOC	23	20394.00	1886.29
PLOT AREA	21/10/2003	20738.00	1926.61
AS PER PATTA		20763.48	1928.97
PLOT AREA AS PER SITE		20763.48	1928.97
ALLOWABLE F.S.I		50760.00	4715.72
BUILT UP AREA			
BASEMENT FLOOR		468.31	43.50
GROUND FLOOR		749.68	69.65
TYPICAL FLOOR		49522.14	4600.72
5502.46 x 9			
TOTAL		50740.13	34713.87

NON FSI AREA	NO.	SQ.FT	D.P.
BASEMENT FLOOR		918.93	85.37
GROUND FLOOR		775.66	72.96
TYPICAL FLOOR		337.99 x 9	
TOTAL		3033.81	281.85
4728.42			385.39

CARPARKING AREA	NO.	SQ.FT	D.P.
BASEMENT FLOOR		4434.50	411.97
GROUND FLOOR		3861.75	358.77
TOTAL		8707.50	770.74

FSI ACHIEVED - 2.499  
 PLOT COVERAGE - 28.75 %  
 No. OF CARS REQUIRED - 35 Nos.  
 No. OF CARS PROVIDED - 35 Nos.

OWNER'S SIGNATURE  
 S. Venkataraj

STRUCTURAL ENGINEER  
 ALEX JACOB  
 BE No. 240-SP/24/5/1994  
 CONSULTING ENGINEER  
 CLASS - I Licenced Surveyor No. 433  
 46, M.A.R. Road, Kalakshetra Colony,  
 Chennai - 600 010.

LICENCED SURVEYOR  
 A. VENKAT. B. ARCH.,  
 ARCHITECT LICENCED SURVEYOR  
 CLASS I No. R.A. 41,  
 82, C.P. RAMASWAMY ROAD,  
 ALWARPET, CHENNAI - 600 018.  
 TEL. No. 4997465, 4970406

nataraj & venkat associates  
 Architects  
 82,53 C.P. Ramaswamy road  
 Alwarpet,  
 Chennai - 18.  
 Tel : 499 74 65

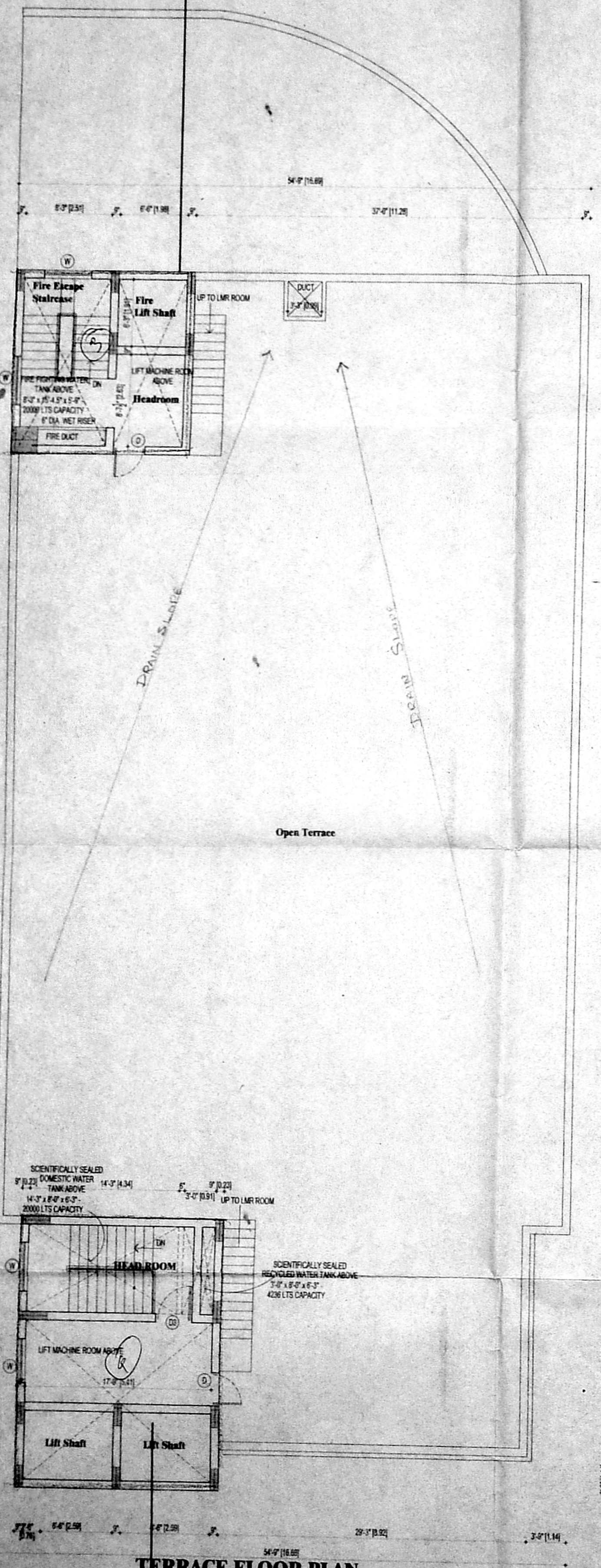
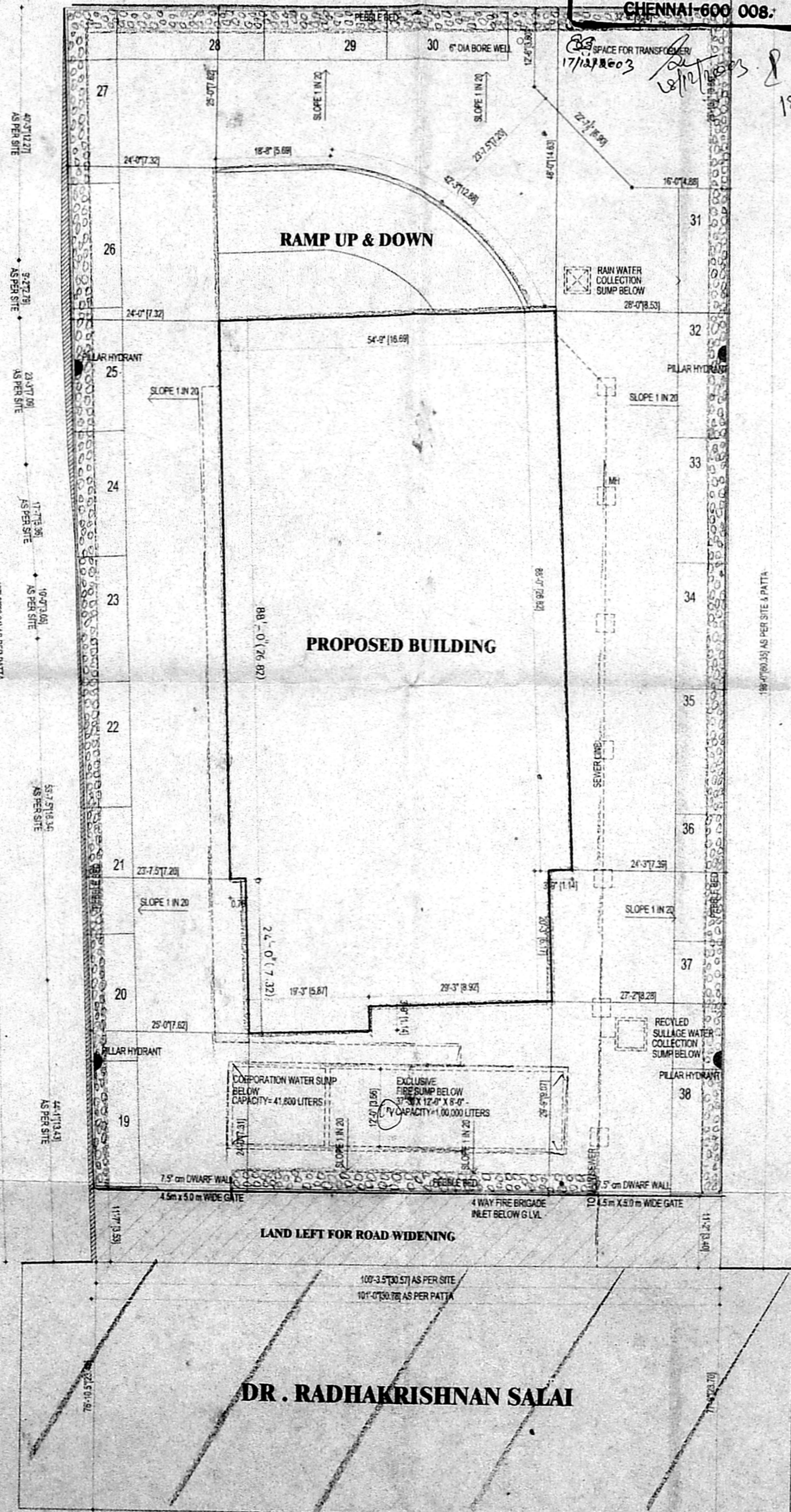
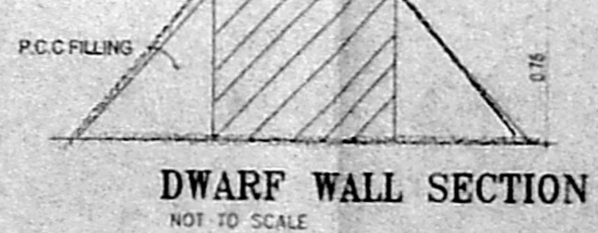
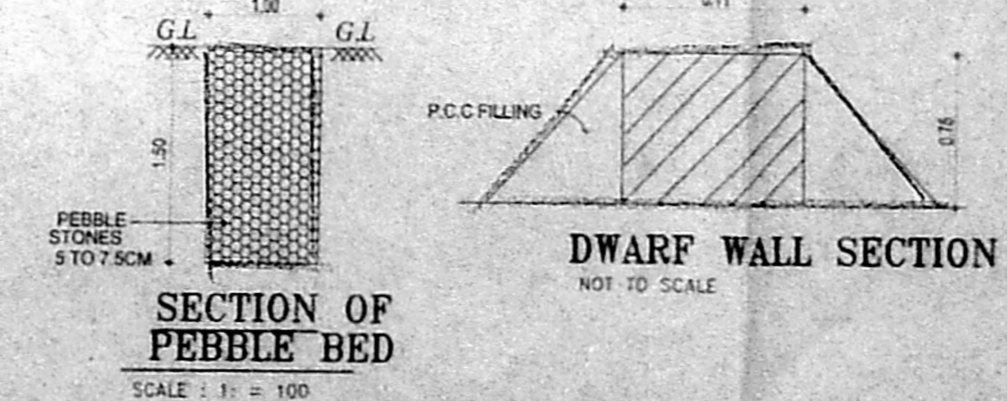
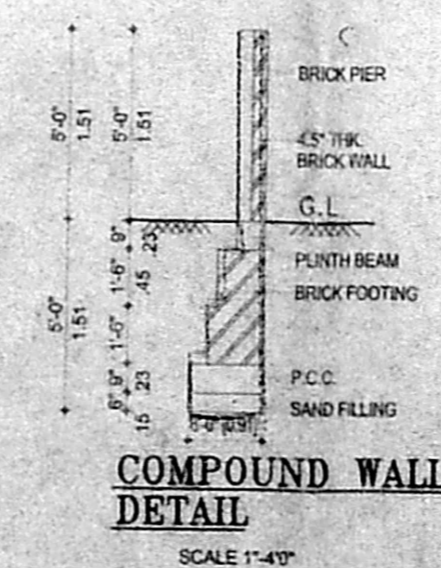
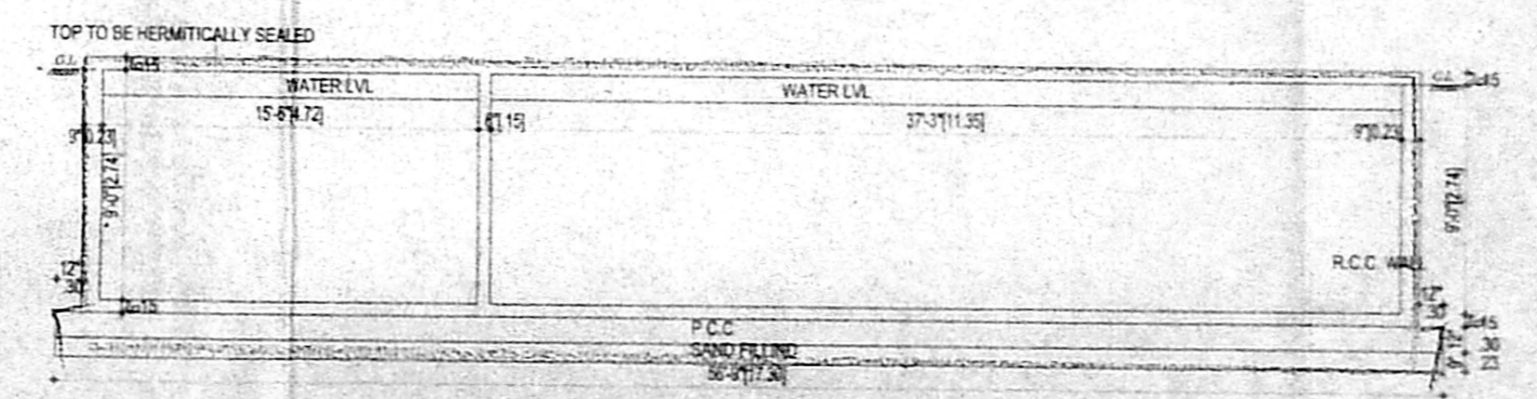
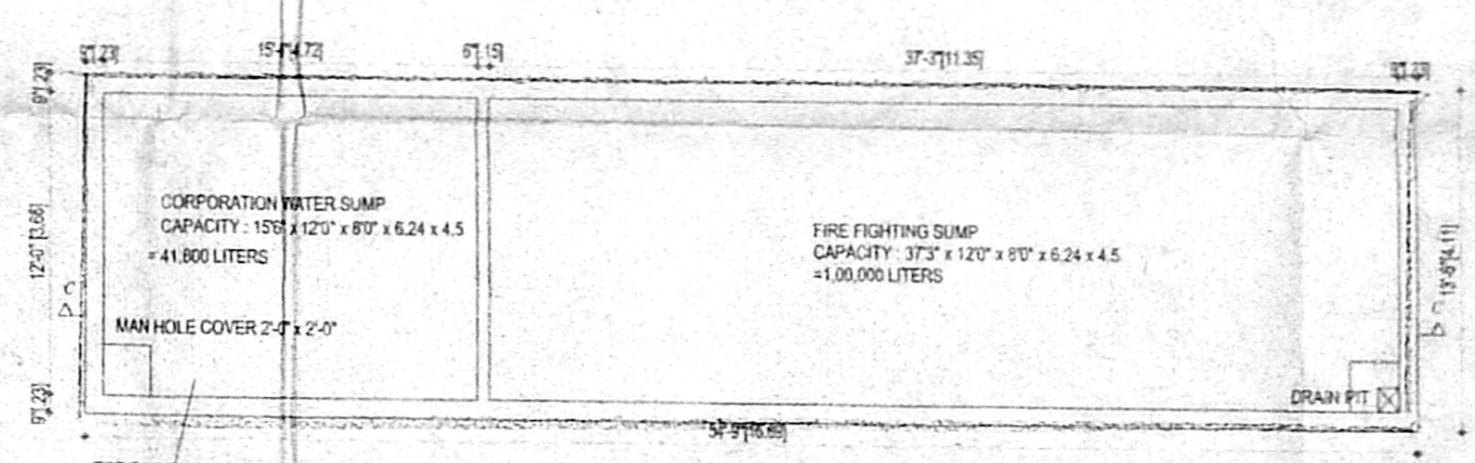
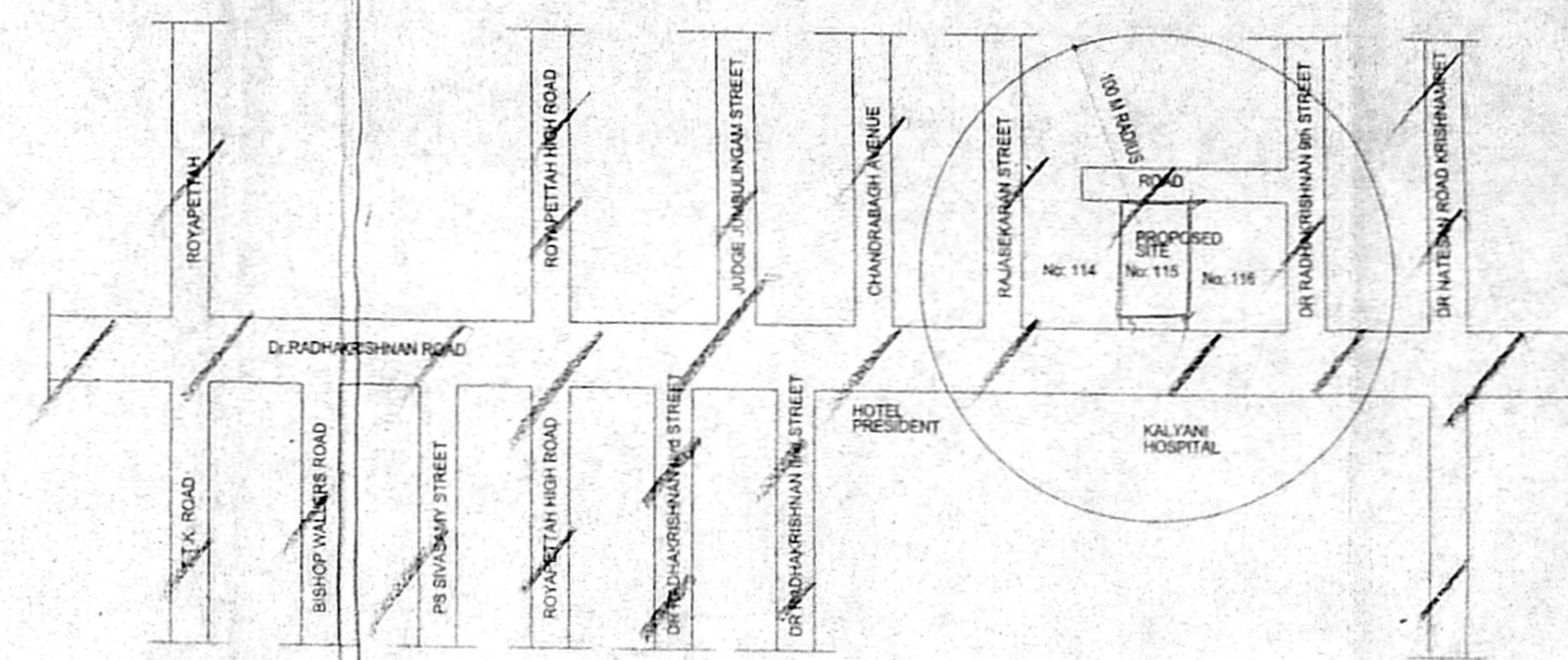
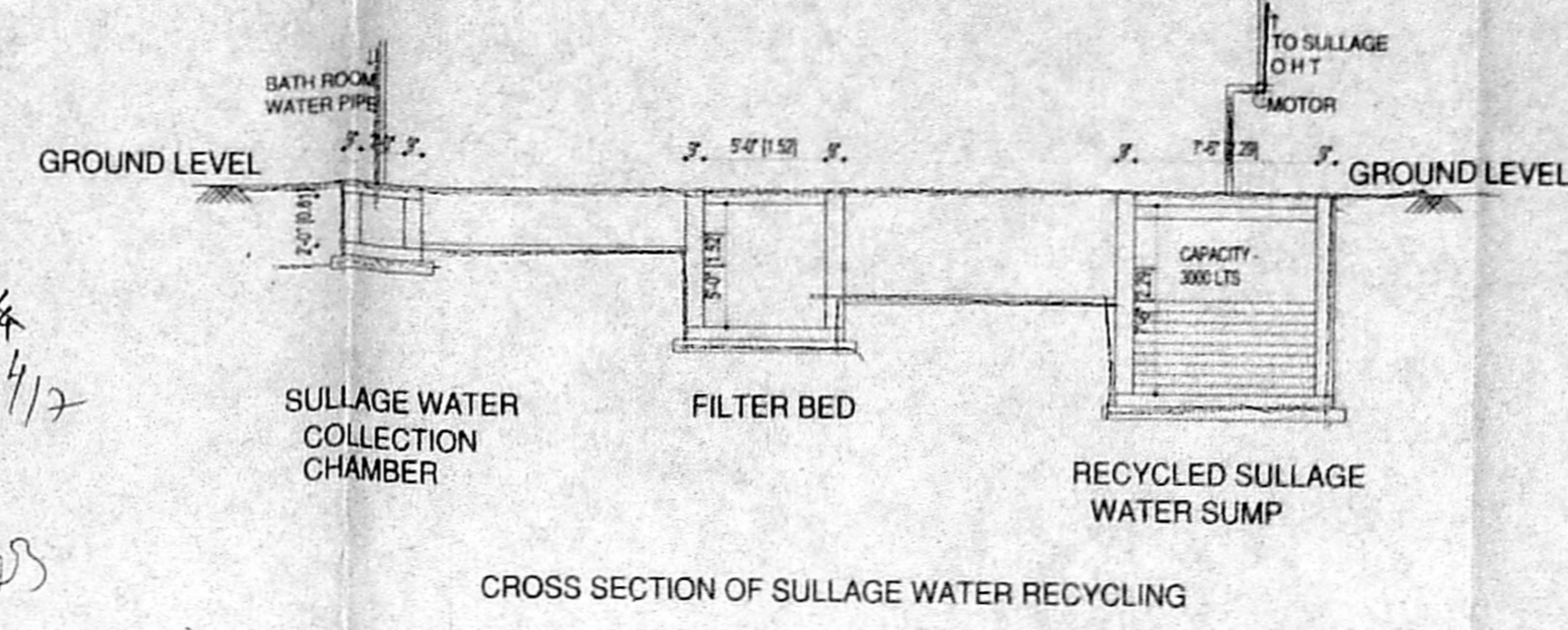
JOB TITLE  
 PROPOSED OFFICE BUILDING AT DOOR NO - 115  
 RADHA KRISHNAN SALAI, MYLAPORE, CHENNAI-04  
 R.S. NO. 107/1/21 BLOCK NO. 22,  
 MYLAPORE DIVISION, MYLAPORE-TRIPLICANE TALUK,  
 CHENNAI DISTRICT.

DRAWING TITLE	
CORPORATION DRAWING	
DRAWN	CHECKED
N.C.K	
SCALE	DATE
1" = 8'-0"	12-08-2003

F002

OFFICE COPY

C/PP/MSB/24 A/D/2003  
 Planning Permit No.                       
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. CS/17860/2003 Date 12/2/2003  
 N.V.K. Kalimuthu  
 22/12/03  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



451





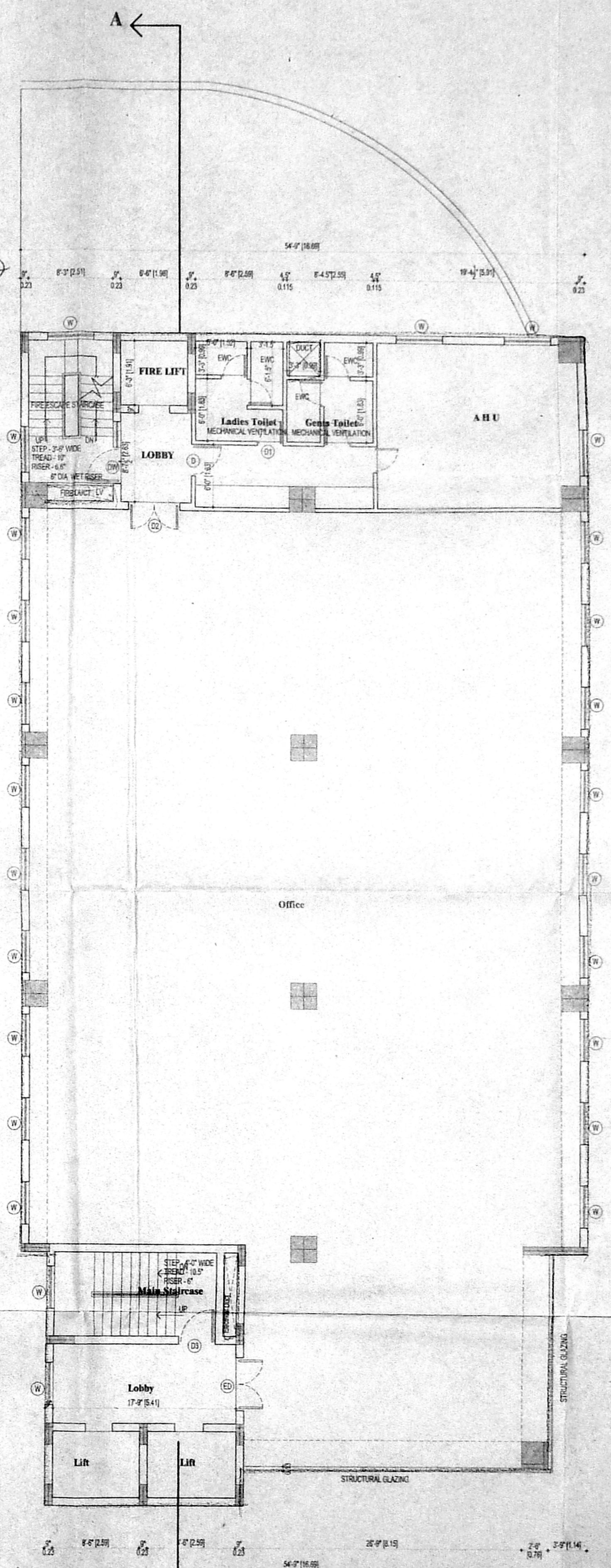
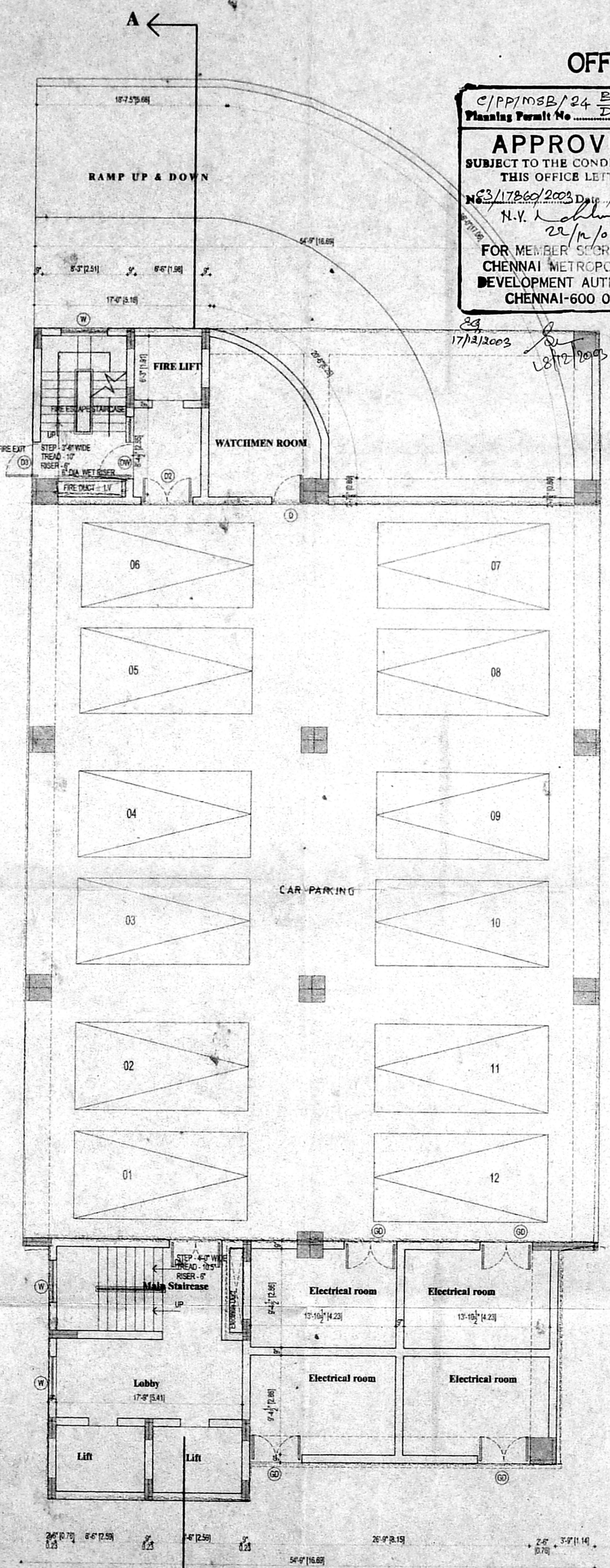
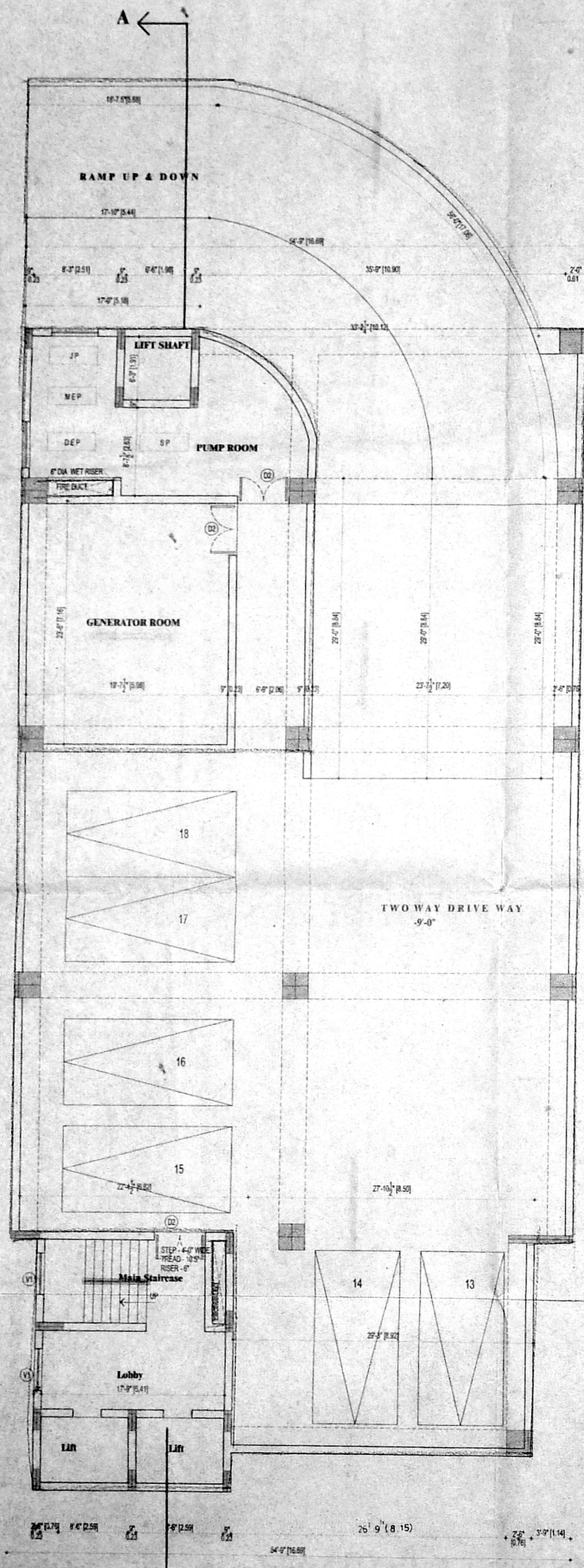
OFFICE COPY

C/PP/MSB/24 B/D/2003  
 Planning Permit No.  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. 3/17860/2003 Dtd. 12/2003  
 N.V. [Signature]  
 22/11/03  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

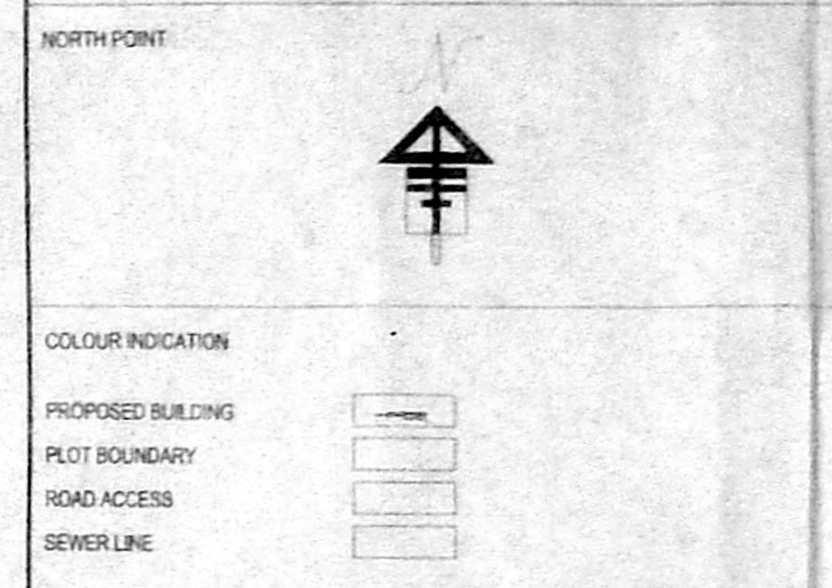
SCHEDULE OF JOINERY

TYPE	DESCRIPTION	QTY	SIZE
MD	MAIN DOOR	1	12'0" x 7'0"
ED	ENTRANCE DOOR	1	12'0" x 7'0"
D	DOOR	1	12'0" x 7'0"
D1	DOOR	1	12'0" x 7'0"
D2	DOOR	1	12'0" x 7'0"
D3	DOOR	1	12'0" x 7'0"
W	WINDOW	1	12'0" x 7'0"
W1	WINDOW	1	12'0" x 7'0"
V	VENTILATOR	1	12'0" x 7'0"

NOTE: CMDA C3/PP NO: 3/17860/2003  
 C. No: 3/17860/2003  
 A. P. D. P.



J.P. - ELECTRIC DRIVEN SPRINKLER PUMP SET OF CAPACITY 100 LPM  
 M.E.P. - ELECTRIC DRIVEN SPRINKLER PUMP SET OF CAPACITY 2000 LPM  
 D.E.P. - DIESEL ENGINE DRIVEN PUMP SET OF CAPACITY 2000 LPM  
 S.P. - ELECTRICAL DRIVEN SPRINKLER PUMP SET OF CAPACITY 2000 LPM  
 P.H. - PILLAR HYDRANT  
 L.V. - LANDING HYDRANT



OWNER'S SIGNATURE

STRUCTURAL ENGINEER  
 ALEX. JACOB  
 B.E. M.Tech. Dip. Bldg. Sci. (MSE)  
 CONSULTING ENGINEER  
 Class-I Licensed Surveyor No. 435  
 48, M.G.R. Road, Kalatsheta Colony  
 Chennai - 600 090

LICENSED SURVEYOR  
  
**A. VENKAT. B. ARCH.**  
 ARCHITECT LICENSED SURVEYOR  
 CLASS I No. R.A. 41  
 62, C.P. RAMASWAMY ROAD,  
 ALWARPET, CHENNAI-600 013.  
 TEL. No. 4997465, 4970300

nataraj & venkat associates

Architects  
 62.63 C.P. Ramaswamy road  
 Alwarpet,  
 Chennai - 13.  
 Tel : 499 74 65

JOB TITLE  
 PROPOSED OFFICE BUILDING AT DOOR NO - 115,  
 RADHA KRISHNAN SALAI, MYLAPORE, CHENNAI-04  
 R.S.No: 1071/21 BLOCK No. 22  
 MYLAPORE DIVISION, MYLAPORE-TRIPPLICANE TALUK,  
 CHENNAI DISTRICT.

DRAWING TITLE  
**CORPORATION DRAWING**

DRAWN K.C.K.	CHECKED
SCALE 1" = 8'-0"	DATE 12-06-2003

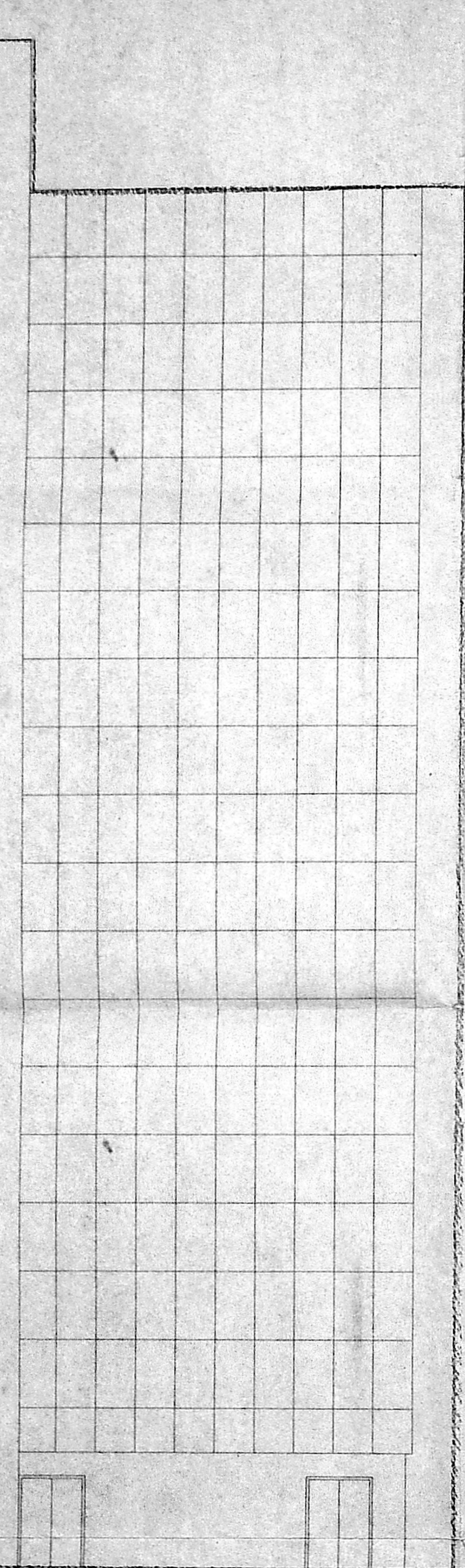
F001



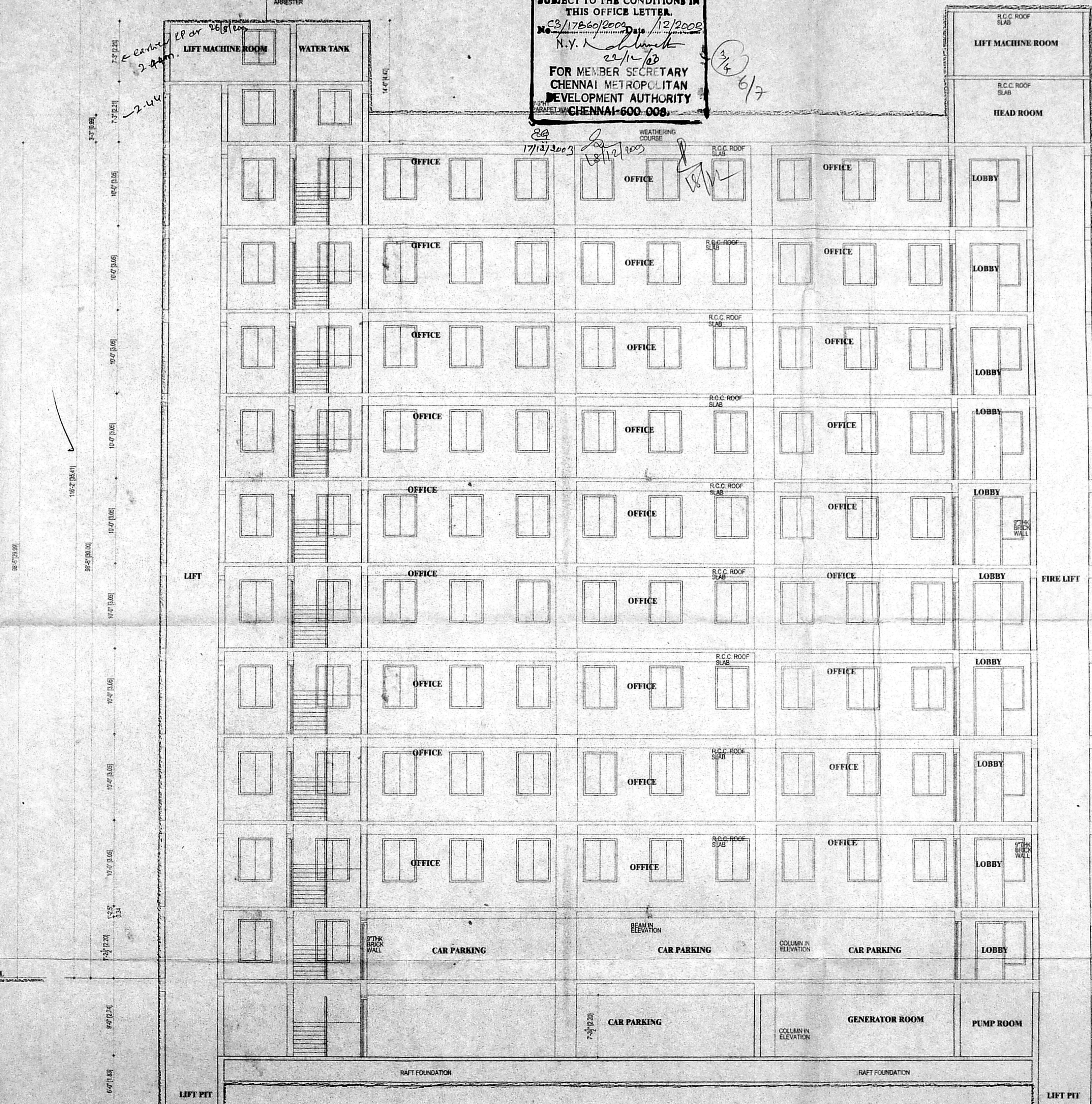
OFFICE COPY

C/PP/MSB/24 E/D/2003  
 Planning Permit No  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. C2/17660/2003 dt. 12/2003  
 N.Y. *[Signature]*  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

**CMDA C3/PP NO: 1**  
 C. No: C2/17660/2003  
 Asst. *[Signature]*  
**Scrutiny:**  
 PART - I  
 PART - II  
*[Signature]* A.P. D.P.  
 31/10/2003



FRONT ELEVATION



SECTION-AA

STRUCTURAL ENGINEER  
 ALEX JACOB  
 D.B. M.Tech. Dip. Bldg. Sc., M.I.E.  
 CONSULTING ENGINEER  
 Class - I Licensed Surveyor No. 433  
 48, M.G.R. Road, Kalakshetra Colony,  
 Chennai - 600 070.

COLOUR INDICATION  
 PROPOSED BUILDING  
 PLOT BOUNDARY  
 ROAD ACCESS  
 SEWER LINE

OWNER'S SIGNATURE  
*[Signature]*  
 S. UTHAYARAJ

LICENSED SURVEYOR - A. VENKAT. B. ARCH.,  
 ARCHITECT LICENSED SURVEYOR  
 CLASS I No. R.A. 41,  
 82, C.P. RAMASWAMY ROAD,  
 ALWARPET, CHENNAI - 600 018.  
 TEL. No. 4997465, 4970406

**nataraj & venkat associates**  
 Architects  
 62, 63 C.P. Ramaswamy road  
 Alwarpet,  
 Chennai - 18.  
 Tel: 499 74 65  
 JOB TITLE  
 PROPOSED OFFICE BUILDING AT DOOR NO - 115,  
 RADHA KRISHNAN SALAI, MYLAPORE, CHENNAI-04  
 R.S.No:1071/21 BLOCK No.22,  
 MYLAPORE DIVISION, MYLAPORE-TRIPPLICANE TALUK,  
 CHENNAI DISTRICT.

DRAWING TITLE  
**CORPORATION DRAWING**  
 DRAWN K.C.K. CHECKED  
 SCALE 1" = 8'-0" DATE 12-06-2003

F003



**NOTES:**

- This building will have one wet riser cum downcomer per 1000 sq floor area. The riser will be fully charged with adequate pressure at all times and will be automatic in operation. To feed the wet riser cum downcomer system an underground static water tank of capacity of 1,00,000 lts capacity and terrace level tank of 20,000 lts capacity would be provided exclusively for the fighting purpose. To charge the riser system the capacity of the pump near the underground static water tank would be 2850 l/min giving a pressure not less than 3 kg/cm<sup>2</sup> & one jockey pump of capacity 1000 l/min. The pump provided will be multi-stage type with suction and delivery sizes not less than 150 mm dia. A stand by pump of equal capacity will be provided as an alternative source of supply. (Refer drawing no. F001, F002 & F004)
- A fire service inlet at ground level fitted with non return valve would be provided to the rising main for charging it by fire service pump. It will be done during the construction stage. (Refer drawing no. F002)
- Pillar hydrant will be provided all around the courtyard at 30 m interval. (Refer drawing no. F002)
- Fixed fire fighting installation like automatic sprinklers will be provided as per requirement of National Building Code of India 1983, Group I Part IV fire protection amendment 1997.
- Exit, escape, automatic fire alarm system, air conditioning system, fire lifts, service ducts shall conform to the requirements of National Building Code of India 1983, Group I Part IV fire protection amendment No. 3, January 1997. It will be done during the construction stage.
- The requirements of "Fire Lifts" shall conform to National Building Code of India 1983, Amendment No. 3, January 1997. Walls of lift enclosures will have a fire resistance of 2 hours. Lift car door will have a resistance of 1 hour. In case of failure of normal power supply it will automatically trip over to alternate source of supply. Refer drawing no. F001, F002.
- Public address system will be provided at all floor. It will be done during the construction stage.
- The building would be provided with lightning arrestor. (Refer drawing no. F003)
- All electric distribution cabling/wiring will be laid in a separate duct. The cabling/ducts will be tested at every floor with non-combustible materials having the same fire resistance as that of the duct. Low and medium voltage wiring running in shaft and in false ceiling shall run in separate conduits. It will be done during the construction stage.
- Separate circuits for fire fighting pumps, halonizers & corridor lighting will be provided directly from the main switchgear panel and these circuits shall be laid in separate conduct pipes so that in one circuit will not affect others. Master switches controlling essential service circuits will be clearly labelled. It will be done during the construction stage.
- All routes leading to exits should be clearly marked. Emergency lights would be provided in all the corridors and near the staircases. It will be done during the construction stage.
- Fire escape staircase discharge will be at ground level as per requirements of National Building Code of India 1983, Group I Part IV fire protection amendment No. 3, January 1997. Refer drawing no. F001.
- The transformers will be housed away from the building and totally segregated from other areas by a shield. Fire resisting wall with an access directly from the outside. (Refer drawing no. 001)
- The first aid fire fighting equipment will be provided on all floors including basements.
- 3rd room, etc. in accordance with Appendix IV of National Building Code of India 1983, Amendment No. 3, January 1997 in consultation with this department. It will be done during the construction stage.
- The width and height clearance of the main gate will not be less than 4.5 mts & 5 mts respectively. Refer drawing no. F002.

**NOTES:**

MANUAL CALL POINT AT 1000mm ABOVE FINISHED FLOOR LVL  
TWO WAY SPEAKER AT 1500mm ABOVE FINISHED FLOOR LVL  
HOOTER AT 2100mm ABOVE FINISHED FLOOR LVL  
FIRE HOSE CABINET COMPRISING OF 63mm dia TWIN HEADED LANDING VALVE LENGTH OF 1.5m (63mm) C.P. HOSE  
19mm dia REINFORCED RUBBER HOSE REEL 30 dia LONG WITH DRUM FOR EVERY 1000sq m FLOOR AREA.  
ONE WET RISER/DOWN COMER OF CLASS "C" C.I. PIPE 150mm dia PER 1000sq m FLOOR AREA.

**FIRE ALARM SYSTEM**  
DETECTORS EACH AT EVERY 90sq. m IN ALL THE FLOORS  
MANUAL CALL POINTS SHALL BE PROVIDED IN ALL THE FLOORS

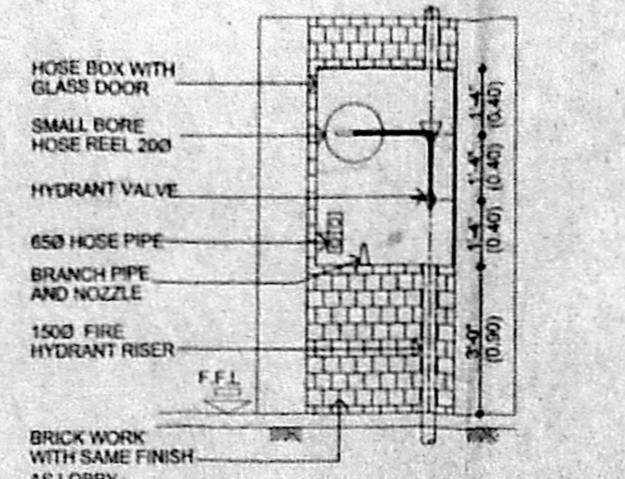
**PUBLIC ADDRESS SYSTEM**  
SPEAKER & HOOTER SHALL BE PROVIDED IN ALL THE FLOORS

**SPRINKLERS**  
IN COMMON AREAS - 1 NO EVERY 6.96 Sq.m  
IN COMMON AREAS - 1 NO EVERY 6.96 Sq.m  
TWIN HEADED YARD HYDRANTS SHALL BE PROVIDED ALL AROUND THE BUILDING AT 30m INTERVAL.

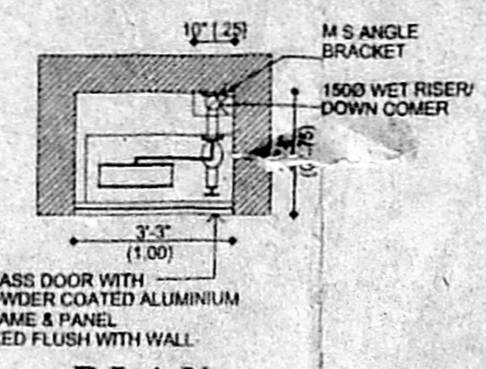
**STAIRCASE**  
THREAD = 30mm  
RISER = 150mm  
STAIRCASE WIDTH = 1200mm (min)  
STAIRCASE HEAD ROOM = 2200mm (min)  
NUMBER OF RISER PER FLIGHT = 10  
HEIGHT OF HANDRAIL = 1000mm (min)  
GAP BETWEEN TWO VERTICALS = 150mm

**LIFT "FIRE LIFT"**  
LIFT CAPACITY = 8 PASSENGER  
LIFT WITH AUTOMATIC OPERATED DOOR (SELF CLOSING TYPE)

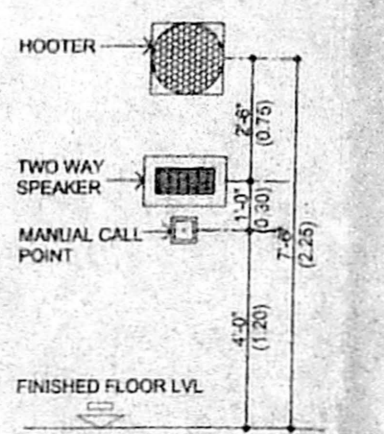
**EXTINGUISHER**  
CARBON DIOXIDE EXTINGUISHER NEAR MSB AND LIFT  
WATER PRESSUR TYPE EXTINGUISHER NEAR STAIRCASE  
FOAM TYPE EXTINGUISHER NEAR TRANSFORMER YARD AND GENERATOR ROOM  
SAND FILLED FIRE BUCKET NEAR TRANSFORMER YARD  
8KG DRY CHEMICAL POWDER EXTINGUISHER AT 1 no. FOR EVERY 800sqm



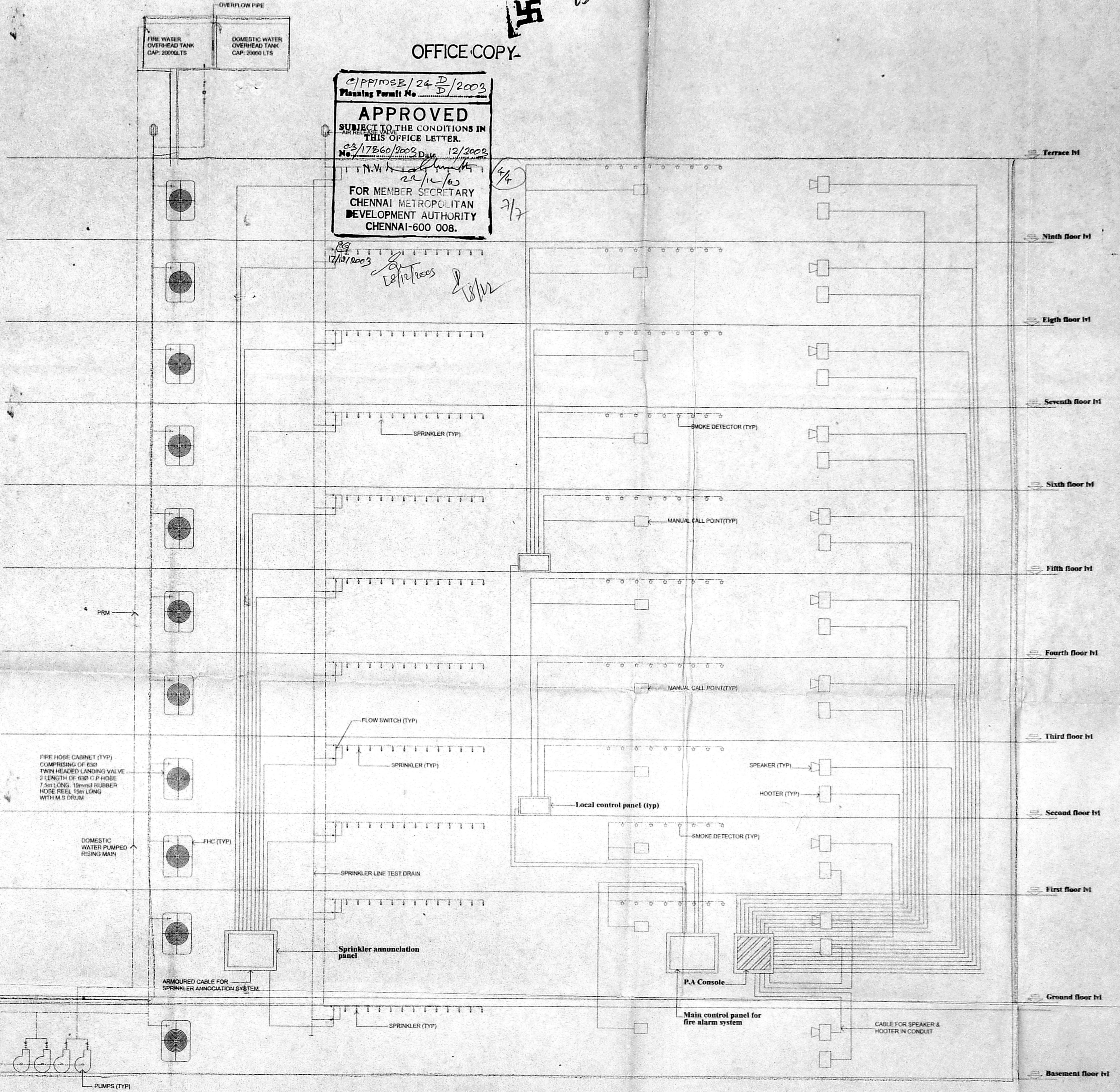
**FRONT ELEVATION**



**PLAN DETAIL OF FIRE HOSE CABINET**



**TYPICAL MOUNTING DETAILS**



C/P P/M/S/E/24 D/B/2003  
Planning Permit No. ...  
**APPROVED**  
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
No. 17860/2003 Dated 12/2002  
FOR MEMBER SECRETARY  
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
CHENNAI-600 008.

CMDA C3/PP NO: 1  
C/N: C3/17860/2003  
**LEGEND:**  
Asst. ...  
Scrutiny: ...  
PART - I ...  
PART - II ...  
A. P. D. P.

- COLOUR INDICATION:**
- PROPOSED BUILDING
  - PLOT BOUNDARY
  - ACCESS ROAD
  - SEWER LINE
- STRUCTURAL ENGINEER**  
ALEX JACOB  
B.E. Mech., Dip. Eng. Sc. M.E. (Arch)  
CONSULTING ENGINEER  
Class I Licensed Surveyor No. 489  
48, M.G.R. Road, Kalakshetra colony  
Chennai - 600 090
- OWNER'S SIGNATURE**  
S. Venkatesh
- LICENSED SURVEYOR**  
A. VENKAT. B. ARCH.,  
ARCHITECT LICENSED SURVEYOR  
CLASS I No. R.A. 41,  
62, C.P. RAMASWAMY ROAD,  
ALWARPET, CHENNAI - 600 018.  
TEL. No. 4997465, 4970406

**nataraj & venkat associates**  
Architects  
62, C.P. Ramaswamy Road  
Chennai - 18  
Tel : 499 74 55  
JOB FILE

PROPOSED OFFICE BUILDING AT DOOR NO - 115,  
RADHA KRISHNAN SALAI, MYLAPORE, CHENNAI-04  
R.S.No. 1071/21 BLOCK No. 22,  
MYLAPORE DIVISION, MYLAPORE-TRIPPLICANE TALKU,  
CHENNAI DISTRICT.

**DRAWING TITLE**

**DRAWN** K.C.K. **CHECKED** ...  
**SCALE** 1" = 8' - 0" **DATE** ...

**F004**

**FIRE PUMPS**

SL NO	DESCRIPTION	CAPACITY	REMARKS
01	ELECTRICAL SPRINKLER MAIN PUMP	2850 LPM	
02	JOCKEY PUMP AT PUMP ROOM	180 LPM	
03	JOCKEY PUMP AT TERRACE LEVEL	900 LPM	
04	DIESEL ENGINE DRIVEN PUMP	2850 LPM	

**SCHEDULE OF WATER STORAGE**

SL NO	DESCRIPTION	UG SUMP CAP IN CLM	FIRE WATER SUMP CAP IN CLM	REMARKS
01	BUILDING	41.8 CLM	100 CLM	
02	O.H.T.	20 CLM	20 CLM	