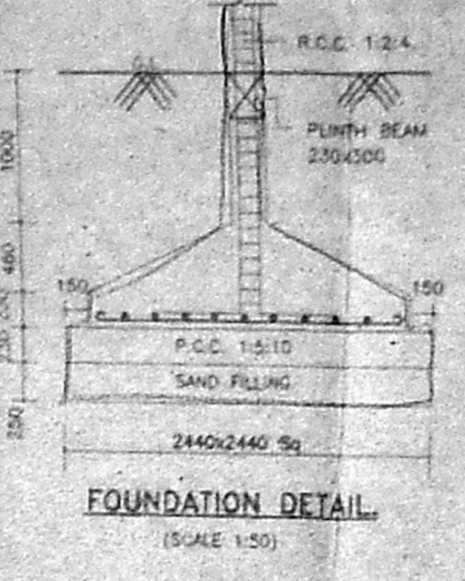
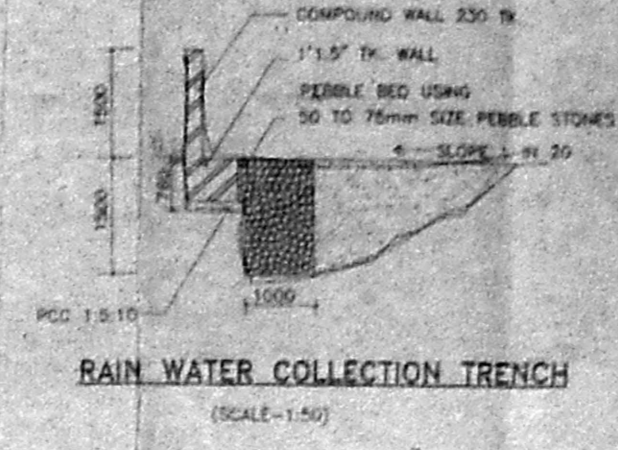
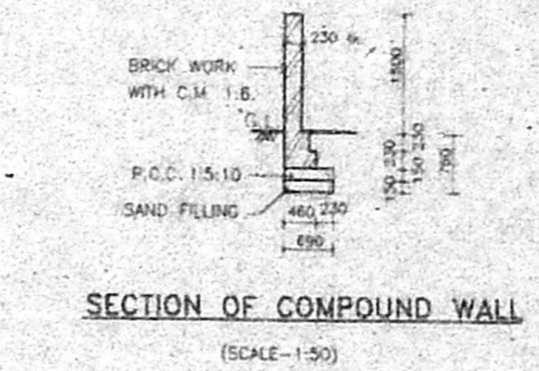
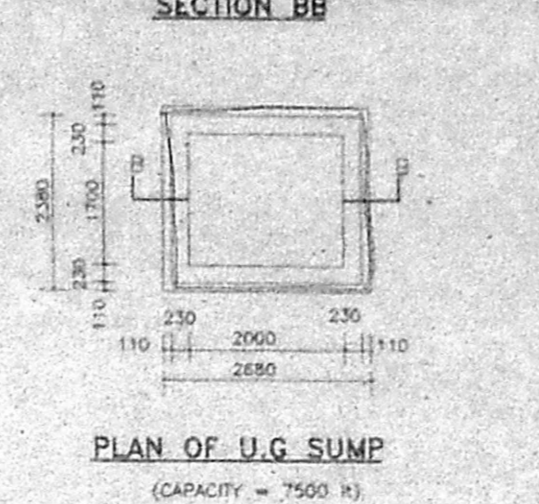
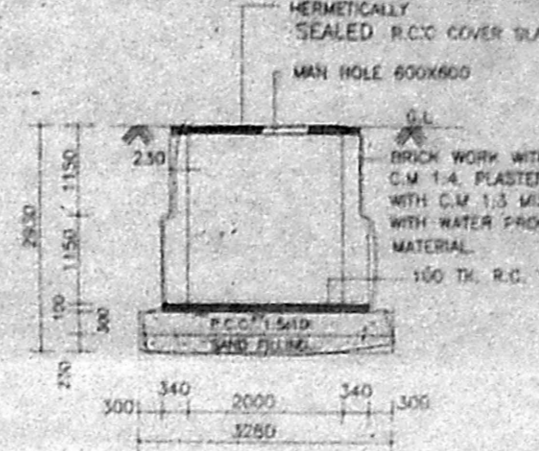
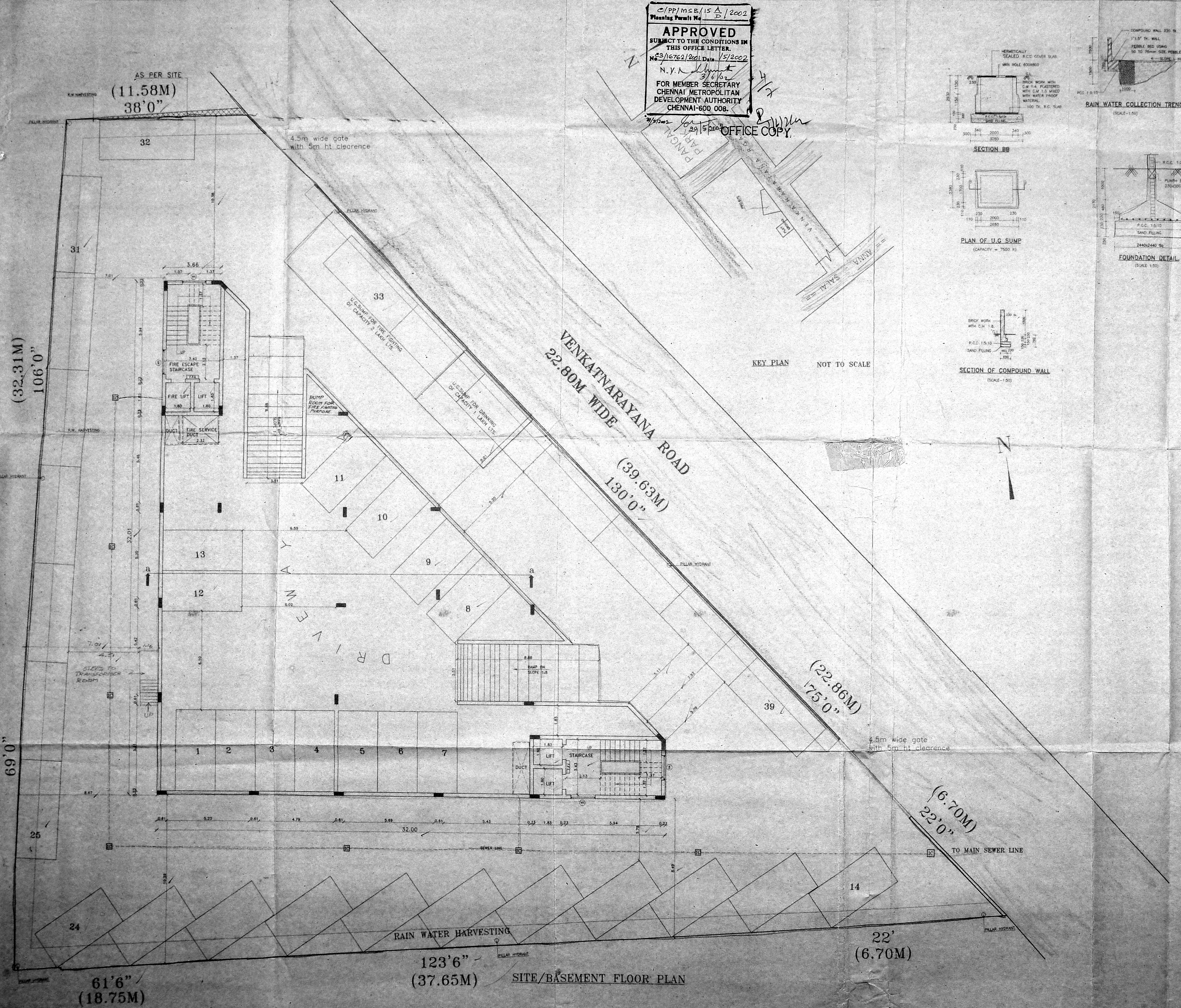


C/PP/M/S/15 A/D/2002
 Planning Permit No.
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. 23/16762/Redl. Date: 15/2/2002
 N.Y. N. Srinivasan
 3/10/02
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.



JOINERY DETAIL		CMDA 'C3/PP No. 1
NAME	DESCRIPTION	C. No. 23/16762/2002
DL4	Double Leaf Entrance Door	1.20x2.00
D25	Flush Door	0.76x2.13
W6	Window	1.85x1.22
W5	Window	1.52x1.22
CW	Curtain Wall	1.85x1.22
V3	Ventilator	0.91x0.61
R5	Rolling Shutter	1.83x2.80

AREA STATEMENT	
PLOT AREA	1982.64 sq.m (21118 sq.ft)
N.F.S.I. AREA	
GROUND FLOOR	144.39 sq.m
F.S.I. AREA	
BASEMENT FLOOR	65.70 sq.m
GROUND FLOOR	377.30 sq.m
FIRST FLOOR	580.11 sq.m
SECOND FLOOR	580.11 sq.m
THIRD FLOOR	580.11 sq.m
FOURTH FLOOR	580.11 sq.m
FIFTH FLOOR	580.11 sq.m
SIXTH FLOOR	580.11 sq.m
SEVENTH FLOOR	580.11 sq.m
EIGHTH FLOOR	580.11 sq.m
TOTAL AREA	5083.88 sq.m
F.S.I. PROVIDED	2.59
F.S.I. PERMISSIBLE	2.75
PLOT COVERAGE PROVIDED	29.5%
PLOT COVERAGE PERMISSIBLE	65%

PROPOSED PROFESSIONAL OFFICE
 AT DOOR NO-57, 58, VENKATANARAYANA
 ROAD, T. NAGAR DIVISION, CHENNAI, BLOCK
 NO-136, T.S. NO-6120/1, 6120/2 & 7803.

DATE: 2.11.2001 SHEET NO. 1 OF 3

SITE/BASEMENT FLOOR PLAN

ARCHITECT SIGNATURE

J. Srinivasan
J. Srinivasan
 Architect and Interior Designer
 C.No. 1: CA9722319
 47/13 H. K.P. Kulk Street,
 SAIDAPET, CHENNAI - 600 015.
 PHONE: 98410 13640

OWNER'S SIGNATURE

N. Srinivasan
Srinivasan

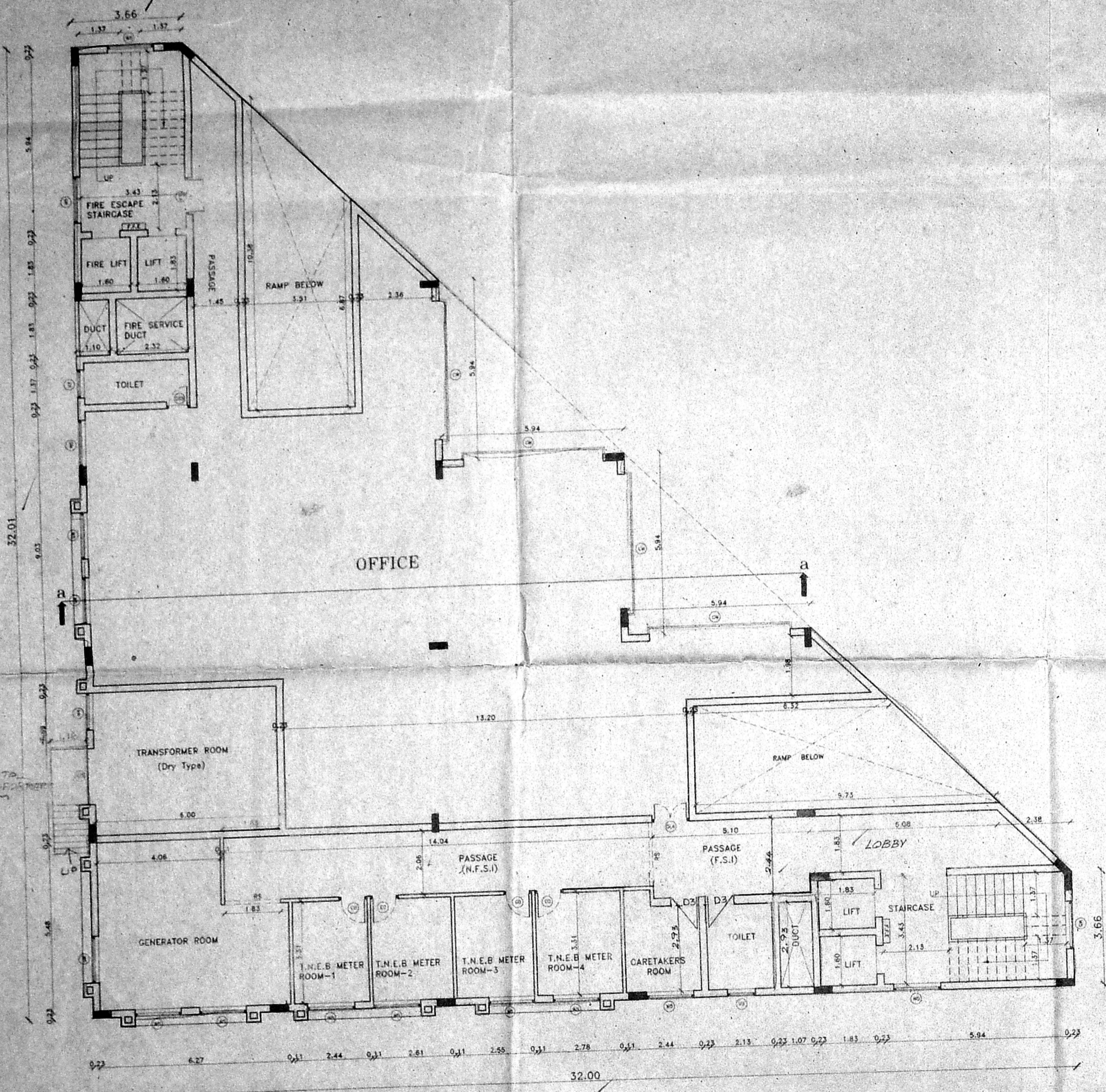
LICENSED SURVEYOR

K. Selvam
K. SELVAM, B.E. AMIE, C.Eng (I) A.S.
 Consulting Civil Engineer/Chartered Eng. Value
 Approved Value - Licensed Surveyor,
 Class. Reg. No: 78, 2001-2002
 Corporation of Chennai,
 NEW No. 9, Old No. 254,
 Mosapattinam East, Chennai-600 050.
 Phone: 6562050.

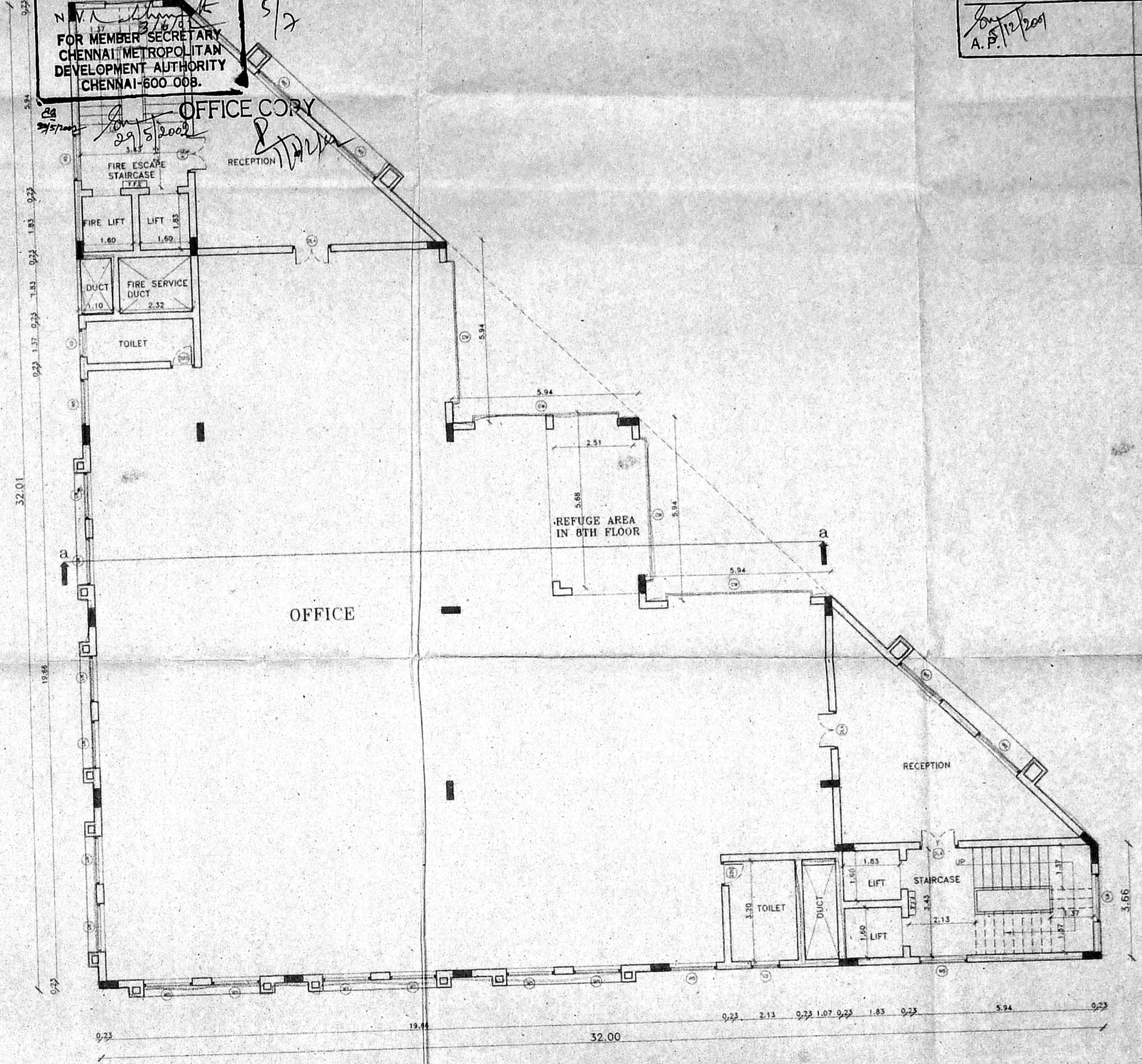
123'6" (37.65M) SITE/BASEMENT FLOOR PLAN

CMDA 'C' / PP No.	1
C. No. 3/16722/2001	
Asst.	
Scrutiny: 39	5/12/2001
PART I	
PART II	
A.P. 5/12/2001	
D.P.	

C/PP/MSB/15 B/D/2002
 Planning Form No.
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
 No. 1/6762/2001 Date: 5/12/2002
 N. Senthil Kumar
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.



GROUND FLOOR PLAN



TYPICAL FLOOR PLAN (FIRST TO EIGHTH FLOOR)

PROPOSED PROFESSIONAL OFFICE
 AT DOOR NO:-57, 58, VENKATANARAYANA
 ROAD, T.NAGAR DIVISION, CHENNAI, BLOCK
 NO:-136, T.S.NO:-6120/1, 6120/2 & 7803.

DATE: 2.11.2001 SHEET NO. 2 OF 3 SCALE: 1 : 100

GROUND FLOOR AND TYPICAL FLOOR
 (FIRST TO EIGHTH FLOOR)

ARCHITECT SIGNATURE

P. Senthil Kumar
P. Senthil Kumar
 ARCHITECT AND INTERIOR DESIGNER
 CA. No. 1, CA/97/22319
 #97/231, K.P. KOIL STREET,
 SAIDAPET, CHENNAI - 600 015.
 PHONE : 98410 13640

OWNER'S SIGNATURE

N. Senthil Kumar
S. Senthil Kumar

LICENSED SURVEYOR

P. Senthil Kumar
P. Senthil Kumar
 ARCHITECT AND INTERIOR DESIGNER
 CA. No. 1, CA/97/22319
 #97/231, K.P. KOIL STREET,
 SAIDAPET, CHENNAI - 600 015.
 PHONE : 98410 13640

S. Selvam
S. SELVAM, B.E. AMIE, C.Eng (I) A.L.S.,
 Consulting Civil Engineer Chartered Engineer
 Approved Valuer & Licensed Surveyor
 Class-I Reg. No: 78/2001-2002
 Corporation of Chennai.
 NEW No. 9, Old No. 25A
 Mogappair East, Chennai-600 050.
 Phone: 6562050.

C/PP/105B/15
 Planning Permit No. 15/2002
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. 3/10762/2001, Date: 15/1/2002
 H.Y. [Signature]
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

OFFICE COPY
 29/5/2002

LICENSED SURVEYOR

K. SELVAM, B.E., AMIE, C.Eng (I) A.L.S.,
 Consulting Civil Engineer, Chartered Engineer
 Approved Valuer, Licensed Surveyor,
 Class-1, Reg No: 78/2001-2002,
 Corporation of Chennai,
 NEW No. 9, Old No. 2 54,
 Mogappair East, Chennai-600 060,
 Phone: 6562050.

PROPOSED PROFESSIONAL CLIPP No. 1
 AT DOOR NO:-57, 58, VE KATAHARAYAMA
 ROAD, T.NAGAR DIVISION, CHENNAI BLOCK
 NO:-136, T.S.NO:-6120/1, 6120/2, 6120/3.

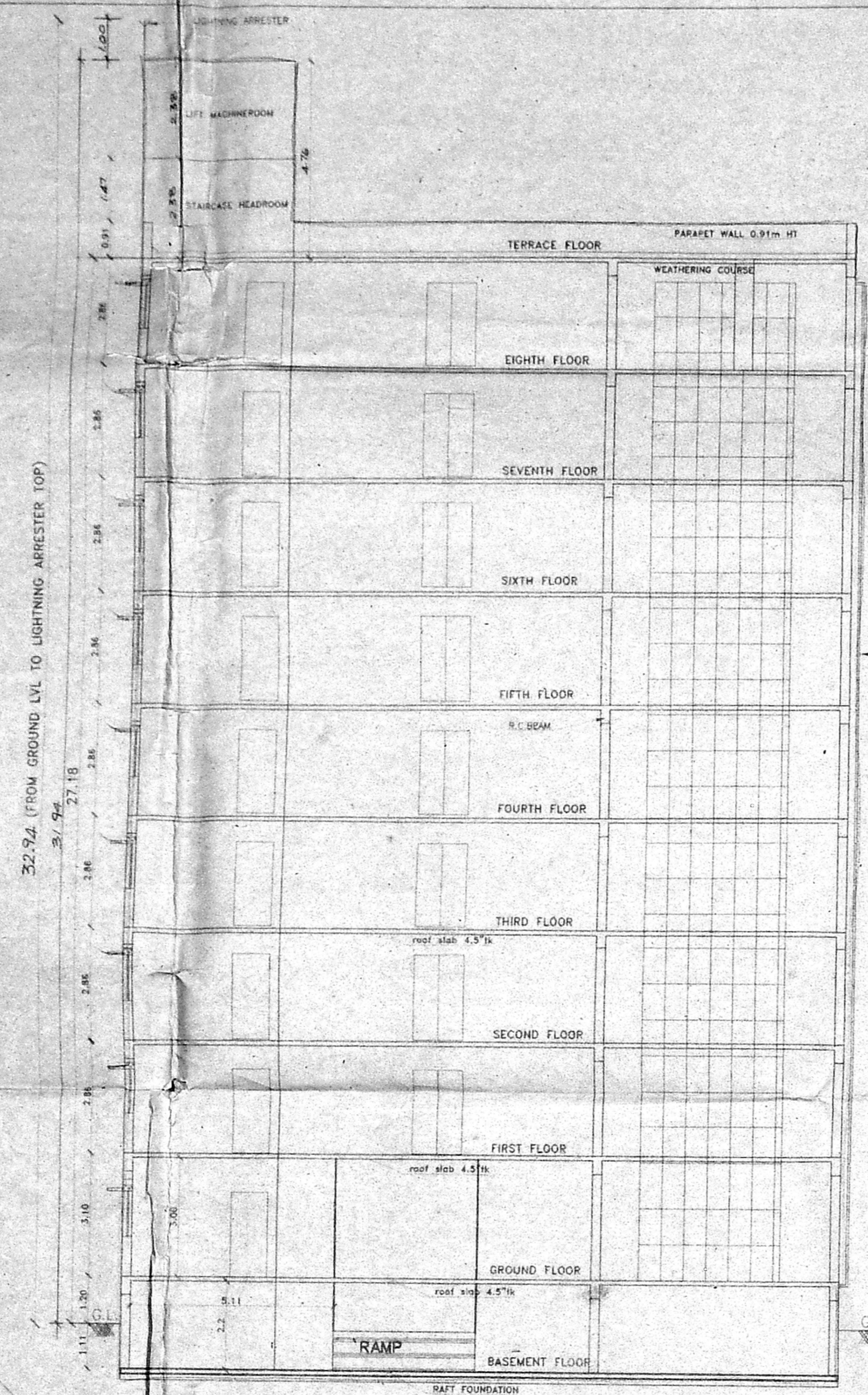
DATE: 2.11.2001 SHEET NO. 3 OF 3
 TERRACE FLOOR PLAN FRONT ELEVATION & SECTION A-A
 ARCHITECT SIGNATURE

[Signature]

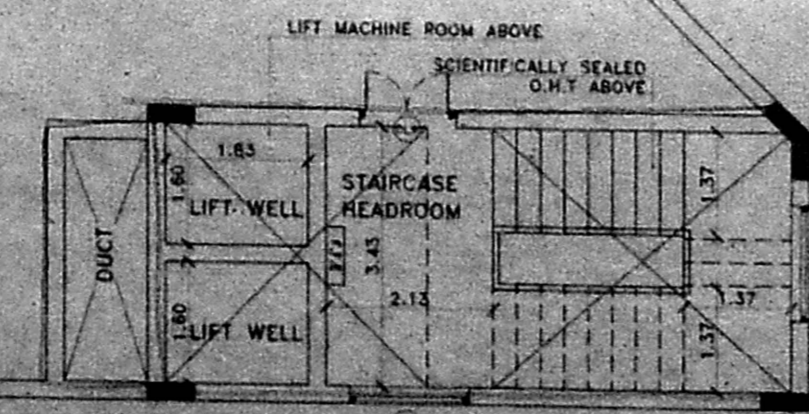
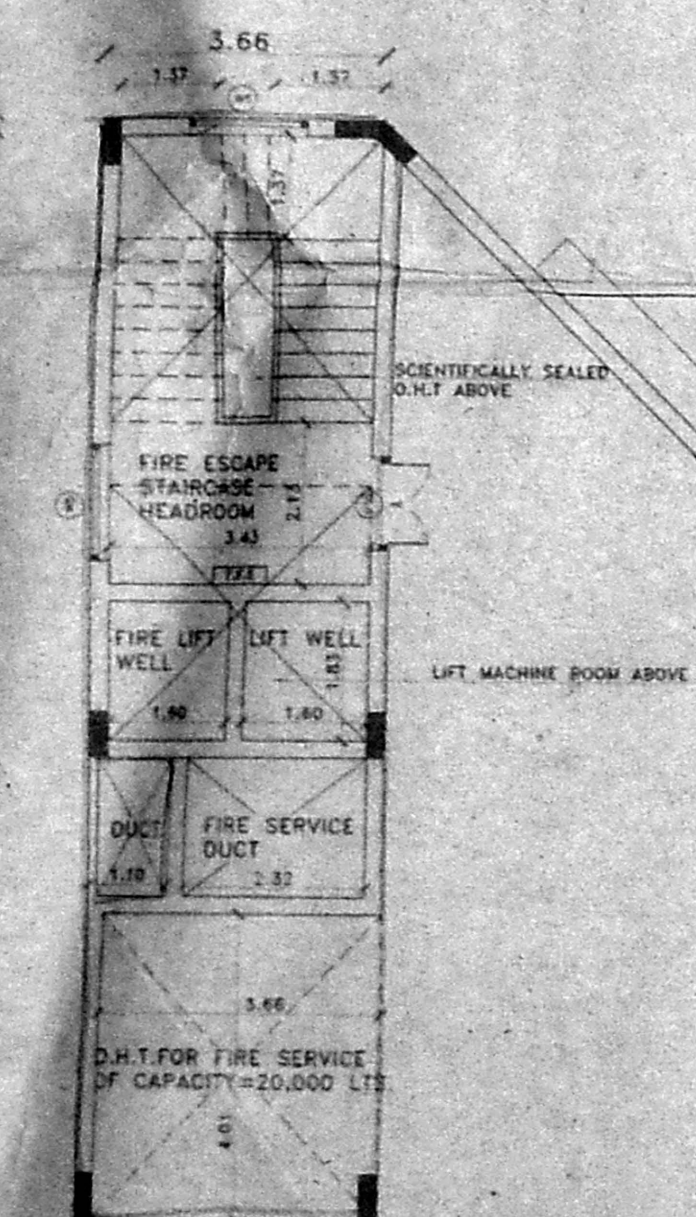
Palaniyandi S'wanathan
 ARCHITECT AND INTERIOR DESIGNER
 CA. No. : CA/97/2231/9
 #97(31), K.P. KOIL STREET,
 SAIDAPET, CHENNAI - 600 015.
 Phone : 98410 13640

OWNER'S SIGNATURE

[Signature]

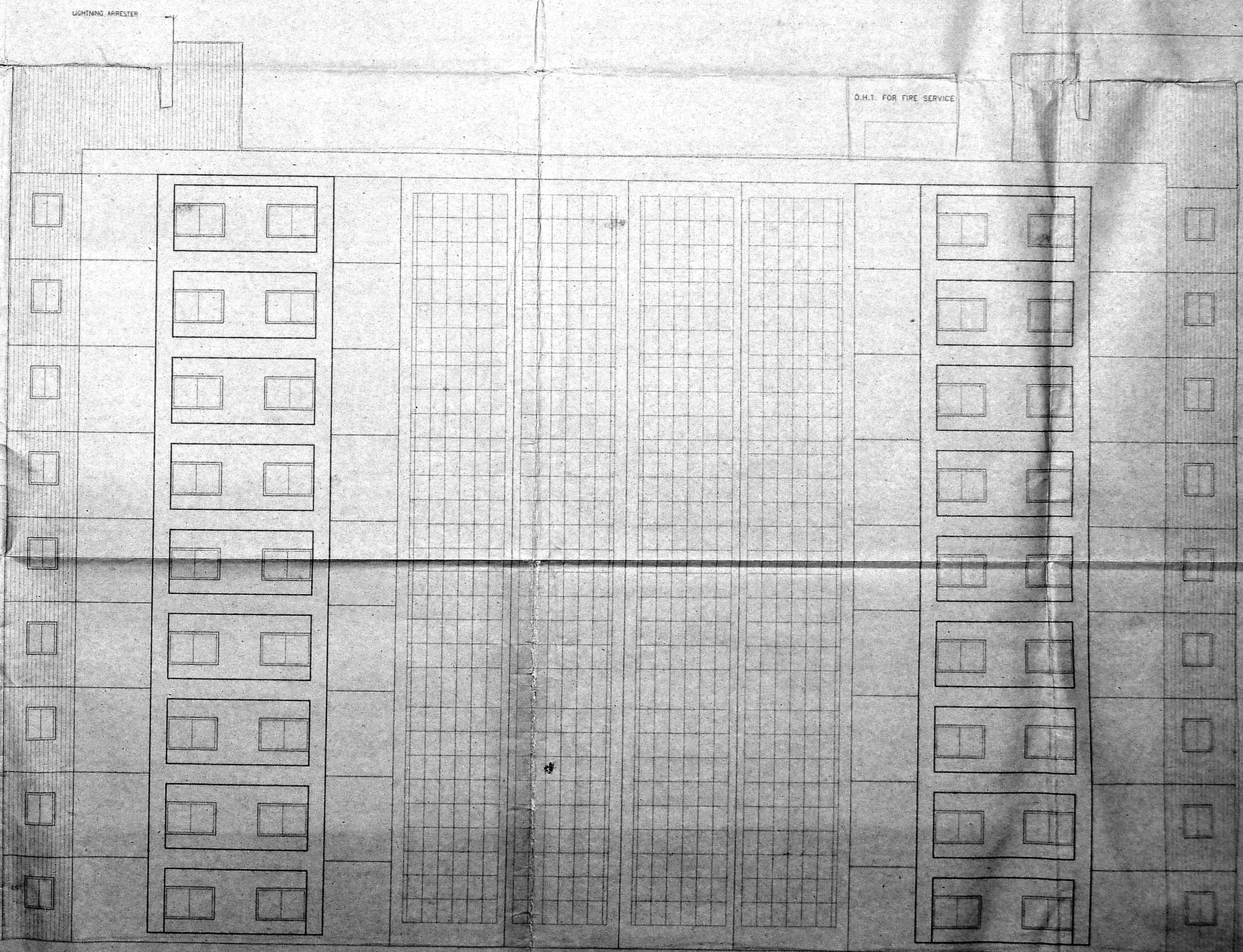


SECTION 'A-A'



OPEN TERRACE

TERRACE FLOOR PLAN



FRONT ELEVATION

C/PP/MSB/115 D/2002
 Planning Parallel No. 15/2002
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
 N.Y. 2/1/02
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI-600 008.

SPECIFICATION
 FOUNDATION: P.C.C. 1:4 WITH BRICK FOOTING
 FLOORING: MOSAIC FLOORING WITH POLISHED PLASTER
 WALLS: BRICK WORK WITH POLISHED PLASTER
 WEATHERING: COURSE WARTHE AND CEMENT MORTAR WITH POLISHED PLASTER
 WOOD WORK: WITH TEAK AND COUNTRY WOOD
CMDA 'C' / PP No. 1
 C. No. 23/16722/2002
 A.P. 2/1/02 D.P.

COLOR INDEX
 PROPOSED SEWER LINE
 ROAD WATER LINE
 BOUNDARY

SCALE: 1:100
 ALL DIMENSIONS ARE IN METERS

LEGEND
 FIRE HOSE CABINET
 MANUAL CALL POINT/HOOTER
 SPEAKER
 MANUAL CALL POINT
 CARBON-DI-OXIDE EXTINGUISHER
 2 KA. CAP
 SPRINKLER
 SMOKE DETECTOR
 FIRE BRIGADE INLET CONNECTION (4-WAY) (TOTAL 1NO)
 TWIN HEADED YARD HYDRANT
 FIRE DOOR
 BUTTERFLY VALVE
 Y-STRAINER
 FIRE PUMP
 NON RETURN VALVE
 FIRE FIGHTING WATE LINE
 FLOW SWITCH

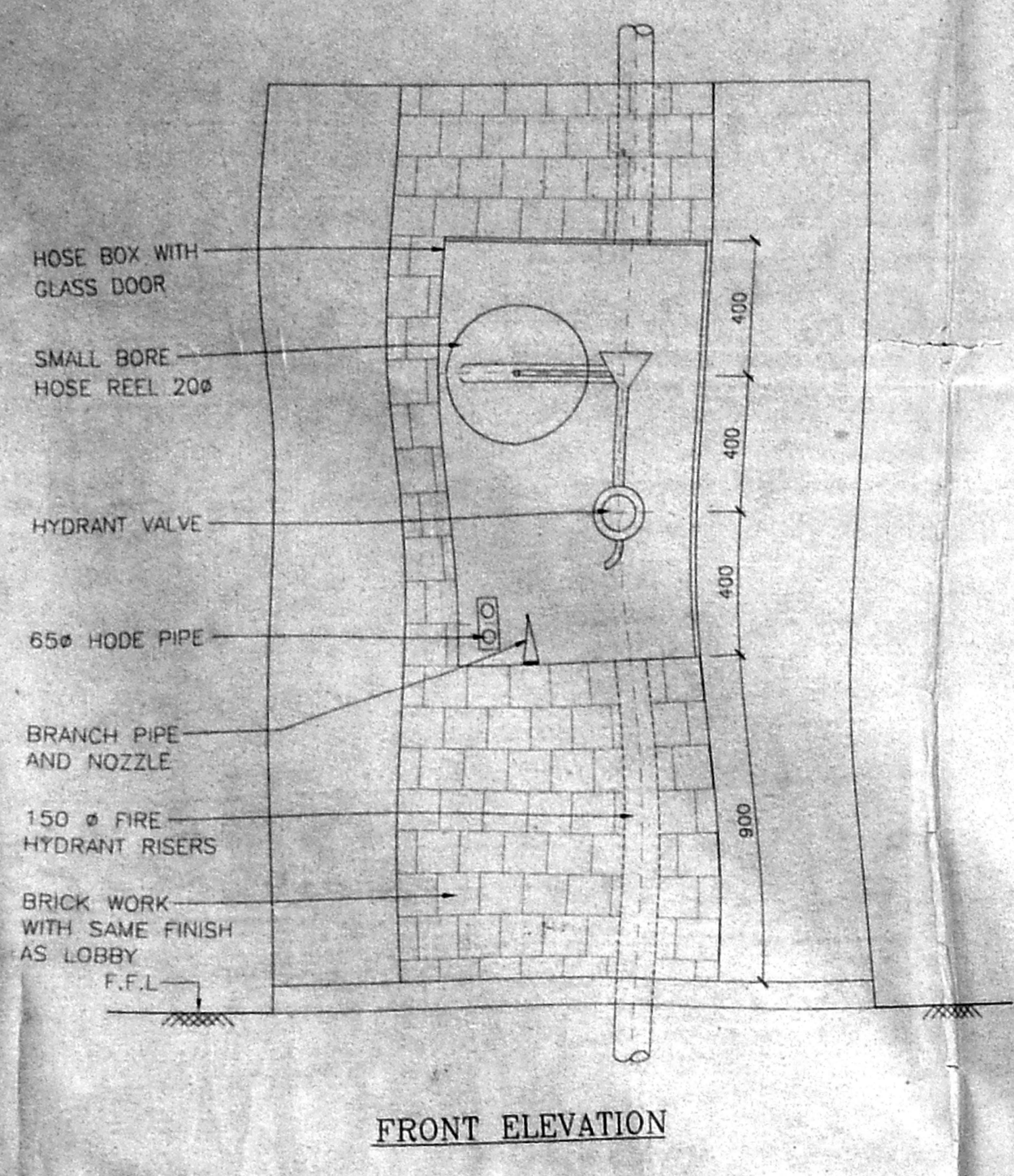
THE PLAN SHOWING THE PROPOSED PROFESSIONAL OFFICE AT DOOR NO.57,58, VENKATANARAYANA ROAD, T.NAGAR DIVISION, CHENNAI-17, BLOCK NO.136, T.S.NO.6120/1, 6120/2 & 7803.

OWNER
 N. Senthil Kumar

ARCHITECTS
 Palanivelu Otswanathan
 Architect and Interior Designer
 C.No. 1, CA/97/2319
 #7131, K.P. Koth Street,
 MADAPET, CHENNAI - 600 018.
 Phone 1 98410 13640

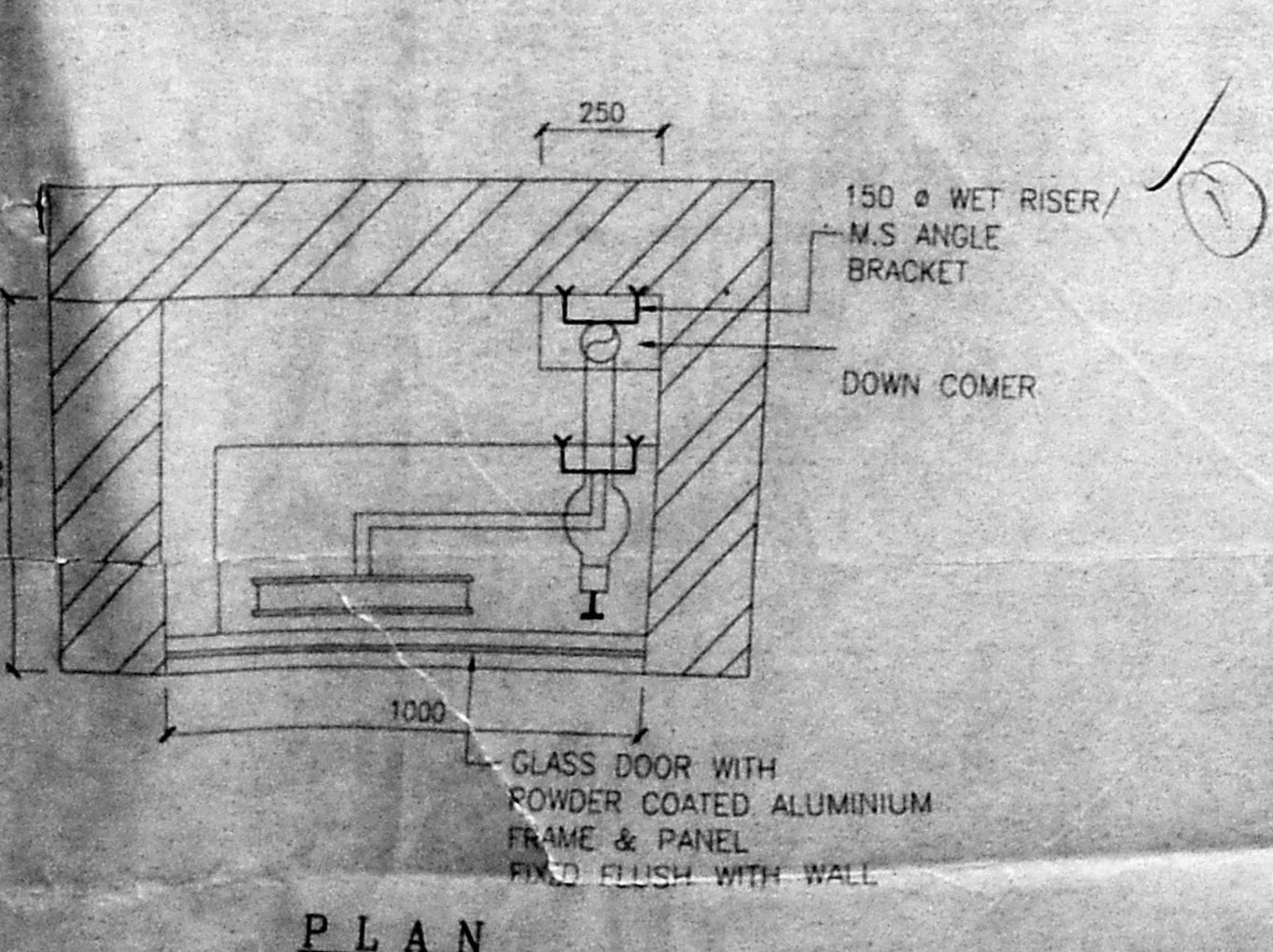
LICENSED SURVEYOR

S. SELVAM, B.E. AMIE, C.Eng (I) A.L.V.
 Consulting Civil & Eng. Chartered Engineer
 Approved by the Licensed Surveyor,
 Chennai. License No. 78 0001-002
 No. 2, N. S. Road, No. 9, S.
 Madhavapuram, Chennai - 600 039.
 Phone: 6880399.



FIRE PUMPS

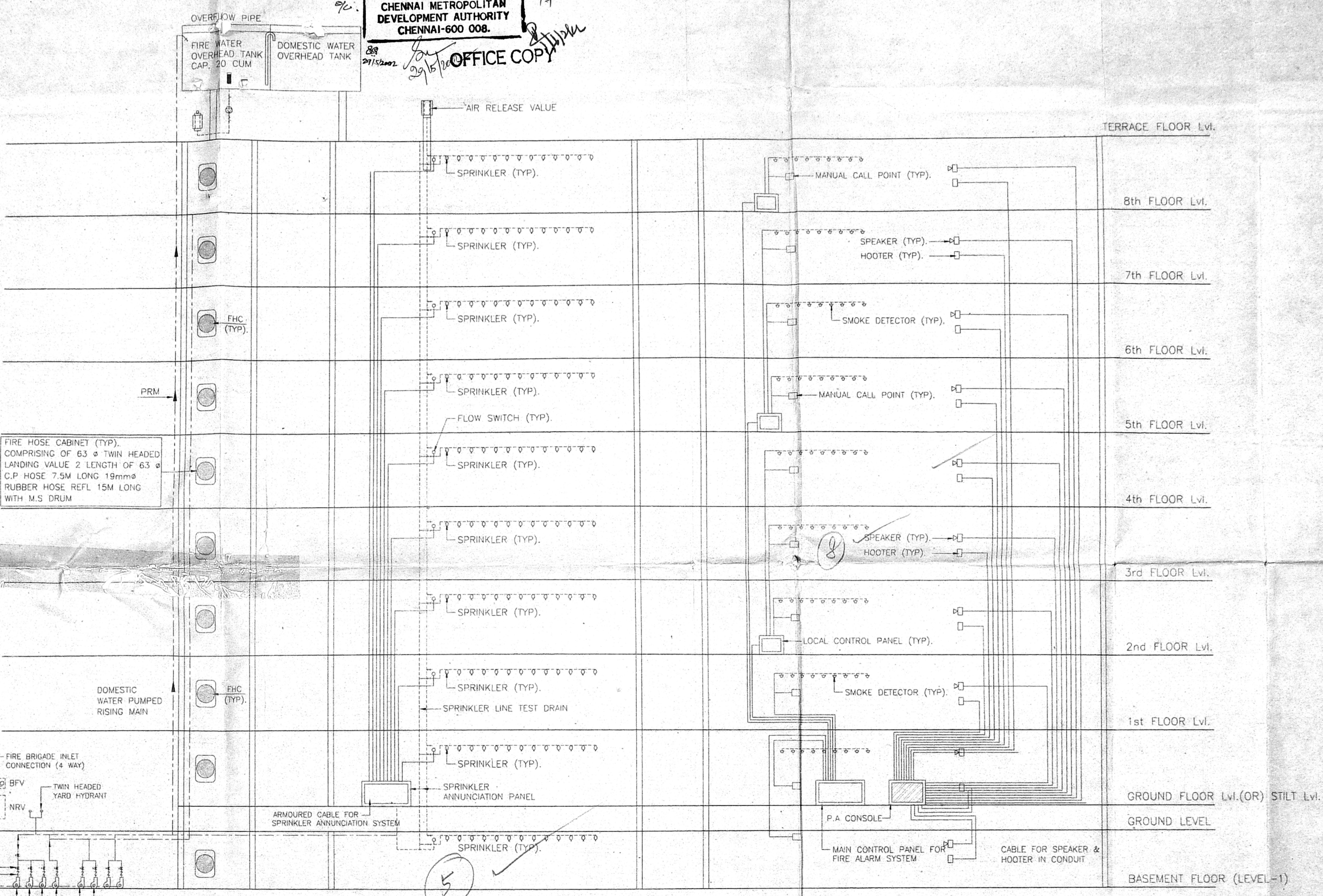
Sl. No.	DESCRIPTION	CAPACITY	REMARKS
1.	ELECTRICAL HYDRANT MAIN PUMP	2850 LPM	
2.	ELECTRICAL SPRINKLER MAIN PUMP	2850 LPM	
3.	JOCKEY PUMP AT PUMP ROOM	180 LPM	
4.	JOCKEY PUMP AT TERRACE LVL.	900 LPM	
5.	DESEL ENGINE DRIVEN PUMP	2850 LPM	



TYPICAL MOUNTING DETAILS

SCHEDULE OF WATER STORAGE

Sl.No.	DESCRIPTION	U.G SUMP CAP. IN CUM			FIRE WATER SUMP CAP. IN CUM	REMARKS
		RAW WATER	TREATED WATER	DOMESTIC WATER		
1.	BUILDING	40 CUM	35 CUM	21 CUM	200 CUM	
2.	OHT				20 CUM	



NOTES:-

MANUAL CALL POINT AT 1200mm ABOVE FINISHED FLOOR LEVEL.
 TWO WAY SPEAKER AT 1500mm ABOVE FINISHED FLOOR LEVEL.
 HOOTER AT 2100mm ABOVE FINISHED FLOOR LEVEL.
 FIRE HOSE CABINET COMPRISING OF 63mm x TWIN HEADED LANDING VALVE 2 LENGTH OF 63mm x C.P HOSE 19mm x REINFORCED RUBBER HOSE REEL 30.0M LONG WITH DRUM FOR EVERY 1000sqm. FLOOR AREA ONE WET RISER 10WV COMER OF CLASS "C" G.I PIPE 150mm x PER 1000sqm. FLOOR AREA

FIRE ALARM SYSTEM

DETECTORS EACH AT EVERY 50sqm. IN ALL THE FLOORS
 MANUAL CALL POINT SHALL BE PROVIDED IN ALL THE FLOORS
 PUBLIC ADDRESS SYSTEM
 SPEAKERS & HOOTER SHALL BE PROVIDED IN ALL FLOORS
SPRINKLERS
 IN COMMON AREAS - 1No. EVERY 6.96sqm.
 IN BASEMENT 2No. FOR EACH CAR PARK
 TWIN HEADED YARD HYDRANTS SHALL BE PROVIDED ALL ROUND THE BUILDING AT 30m INTERVAL

STAIRCASE

TREAD-300mm
 RISER-150mm
 STAIRCASE WITH 1500mm (MIN.)
 STAIRCASE HEADROOM-2200mm (MIN.)
 NUMBER OF RISER PER FLIGHT-15
 HEIGHT OF HANDRAIL 1000mm (MIN.)
 GAP BETWEEN TWO VERTICALS-150mm

LIFT "FIRE LIFT"

LIFT CAPACITY 3 PASSENGER
 LIFT WITH AUTOMATIC OPERATED DOOR (SELF CLOSING TYPE)

EXTINGUISHER

CARBON-DI-OXIDE EXTINGUISHER NEAR MSB AND LIFTS
 WATER PRESSURE TYPE EXTINGUISHER NEAR STAIRCASE
 FOAM TYPE EXTINGUISHER NEAR TRANSFORMER YARD AND GENERATOR ROOM
 SAND FILLING FIRE BUCKET NEAR TRANSFORMER YARD
 5 Kg DRY CHEMICAL POWDER EXTINGUISHER AT 1 No. FOR EVERY 8 CARS

REFUGE AREA

REFUSE ARE HAS BEEN PROVIDED AT EIGHTH FLOOR
FIRE FIGHTING SUMP
 UNDER GROUND FIRE FIGHTING SUMP HAVING CAPACITY OF 1.50 LAKHS. LITRES PROVIDED 1.5M AWAY FROM THE STRUCTURE

NOTES:-

1. TO CHARGE THE WETRISER-CUM-DOWNCOMER- THE CAPACITY THE PUMP NEAR THE UNDERGROUND STATIC WATER TANK WILL BE 2850 LITS/MIN AND ONE ELECTRICAL PUMP OF THE CAPACITY OF 180 LITS/MIN GIVING A PRESSURE NOT LESS THAN 3KG/CM. THE PUMP PROVIDED WILL BE A MULTI-STAGE TYPE WITH SUCTION AND DELIVERY SIZE NOT LESS THAN 15CM DIA. A STANDBY PUMP OF EQUAL CAPACITY WILL BE PROVIDED AT AN ALTERNATIVE SOURCE AS SUPPLY.
 2. FIRE SERVICE INLET AT GROUND LVL FITTED WITH NON-RETURN VALVE WILL BE PROVIDED TO THE RISING MAIN FOR CHARGING IT BY FIRE SERVICE PUMP.

3. EXISTS, ESCAPES, AUTOMATIC ALARMS SYSTEMS, AIR CONDITIONING SYSTEM, FIRE LIFTS, SERVICE DUCTS WILL CONFIRM TO THE REQUIREMENTS OF THE NATIONAL BUILDING CODE OF INDIA 1983, GROUP PART IV, FIRE PROTECTION AMENDMENT NO.3, JANUARY 1997.

4. REFUGE CHUTES WILL HAVE OUTLET ATLEAST 1M ABOVE ROOF LVL AND THEY WILL HAVE AN ENCLOSURE WALL OF NON-COMBUSTIBLE MATERIAL WITH FIRE RESISTANCE OF NOT LESS THAN 2 HOURS. THE CHUTES WILL BE AS FAR AWAY AS POSSIBLE FROM THE EXISTS.

5. ALL ELECTRICAL DISTRIBUTION CABLES/WIRING WILL BE LAID IN A SEPERATE DUCT. THE CABLE/WIRING WILL BE SEALED AT EVERY FLOOR WITH NON-COMBUSTIBLE MATERIAL HAVING THE SAME FIRE RESISTANCE AS THAT OF DUCT. LOW AND MEDIUM VOLTAGE WIRING RUNNING IN SHAFT AND IN FALSE CEILING WILL RUN IN SEPERATE CONDUITS.

6. SEPERATE CIRCUITS FOR FIRE FIGHTING PUMP, LIFTS, STAIRCASE AND CORRIDOR LIGHTING WILL BE PROVIDED DIRECTLY FRO THE MAIN SWITCH GEAR PANEL AND THESE CIRCUITS WILL BE LAID IN A SEPERATE CONDUIT PIPES SO THAT FIRE IN ONE CIRCUIT WILL NOT AFFECT THE OTHER. MASTER SWITCHES CONTROLLING ESSENTIAL SERVICE CIRCUITS WILL BE CLEARLY LABELLED.

7. ALL ROUTES LEADING TO EXISTS WILL BE CLEARLY MARKED. EMERGENCY LIGHTS WILL BE PROVIDED IN ALL THE CORRIDORS AND STAIRCASES.

8. THE FIRST AID FIRE FIGHTING EQUIPMENT WILL BE PROVIDED IN ALL THE FLOORS INCLUDING LIFT MACHINE ROOM ETC.