

- NOTES FOR FIRE FIGHTING:
1. WET RISER 1 NO. PROVIDED. SIZE OF PIPE-20mm. PRESSURE-3.0kg/cm.
 2. A FIRE SERVICE INLET AT GROUND LEVEL FITTED WITH NON 3-TURN VALVE WILL BE PROVIDED TO THE RISING MAIN FOR CHARGING AT BY FIRE SERVICE PUMP TO BE CARRIED OUT DURING EXECUTION.
 3. PILLAR HYDRANT PROVIDED AROUND THE COURTYARD AT 30mts. INTERVAL.
 4. EXITS, ESCAPES, AUTOMATIC FIRE ALARM SYSTEMS, AIR CONDITIONING SYSTEM, FIRE LIFTS, SERVICE DUCTS WILL CONFORM TO THE REQUIREMENTS OF NATIONAL BUILDING CODE OF INDIA 1983, GROUP-I, PART-IV FIRE PROTECTION AMENDMENT NO.3 JANUARY 1997 TO BE CARRIED OUT DURING EXECUTION.
 5. THE REQUIREMENTS OF FIRE LIFTS WILL CONFORM TO NATIONAL BUILDING CODE OF INDIA 1983 AMENDMENT NO.3 JANUARY 1997. WALLS OF LIFT, LIFT CAR DOOR WILL HAVE FIRE RESISTANCE OF ONE HOUR. IN CASE OF FAILURE OF NORMAL POWER SUPPLY, IT SHALL AUTOMATICALLY TRIP OVER TO ALTERNATE SOURCE OF SUPPLY, TO BE CARRIED OUT DURING EXECUTION.
 6. LIGHTING ARRESTER WILL BE PROVIDED.
 7. ALL ELECTRIC DISTRIBUTION CABLES/WIRING SHALL BE LAID IN A SEPARATE DUCT. THE CABLE/WIRING DUCTS SHALL BE SEALED AT EVERY FLOOR WITH NON-COMBUSTIBLE MATERIALS HAVING THE SAME FIRE RESISTANCE AS THAT OF DUCT. LOW AND MEDIUM VOLTAGE WIRING RUNNING IN SHAFT AND IN FALSE CEILING SHALL RUN IN SEPARATE CONDUITS, TO BE CARRIED OUT DURING EXECUTION.
 8. SEPARATE CIRCUITS FOR FIRE FIGHTING PUMP, LIFTS, STAIRCASES AND CORRIDOR LIGHTING SHALL BE PROVIDED DIRECTLY FROM THE MAIN SWITCHGEAR PANEL AND THESE CIRCUIT SHALL BE LAID IN SEPARATE CONDUIT PIPES, SO THAT FIRE IN ONE CIRCUIT WILL NOT AFFECT THE OTHER. MASTER SWITCHES CONTROLLING ESSENTIAL SERVICE CIRCUIT SHALL BE CLEARLY LABELLED, TO BE CARRIED OUT DURING EXECUTION.
 9. ALL ROUTES LEADING TO EXISTS WILL BE CLEARLY MARKED. EMERGENCY LIGHTS WILL BE PROVIDED IN ALL THE CORRIDORS AND NEAR THE STAIRCASES, TO BE CARRIED OUT DURING EXECUTION.
 10. TRANSFORMER, 7.0M AWAY FROM THE BUILDING.
 11. THE FIRST AID FIRE FIGHTING EQUIPMENT IS PROVIDED ON ALL FLOORS INCLUDING BASEMENT, LIFT ROOMS, ETC., TO BE CARRIED OUT DURING EXECUTION.
 12. THE WIDTH AND HEIGHT CLEARANCE ON THE MAIN GATE WILL NOT BE LESS THAN 4.5MTS AND 5.0MTS RESPECTIVELY.

SPECIFICATIONS:

FOUNDATION
R.C.C PILES TO BE LAID AND ARE CONFORM TO THE REQUIREMENTS OF NATIONAL BUILDING CODE OF INDIA 1983, GROUP-I, PART-IV FIRE PROTECTION AMENDMENT NO.3 JANUARY 1997. WALLS OF LIFT, LIFT CAR DOOR WILL HAVE FIRE RESISTANCE OF ONE HOUR. IN CASE OF FAILURE OF NORMAL POWER SUPPLY, IT SHALL AUTOMATICALLY TRIP OVER TO ALTERNATE SOURCE OF SUPPLY, TO BE CARRIED OUT DURING EXECUTION.

ROOF
BEST INDIAN TEAK WOOD AND GOOD QUALITY ALUMINIUM EXTRUSION.

REVISIONS
1. 19/11/07
2. 22/12/07

AP: 22/12/07 D.P.

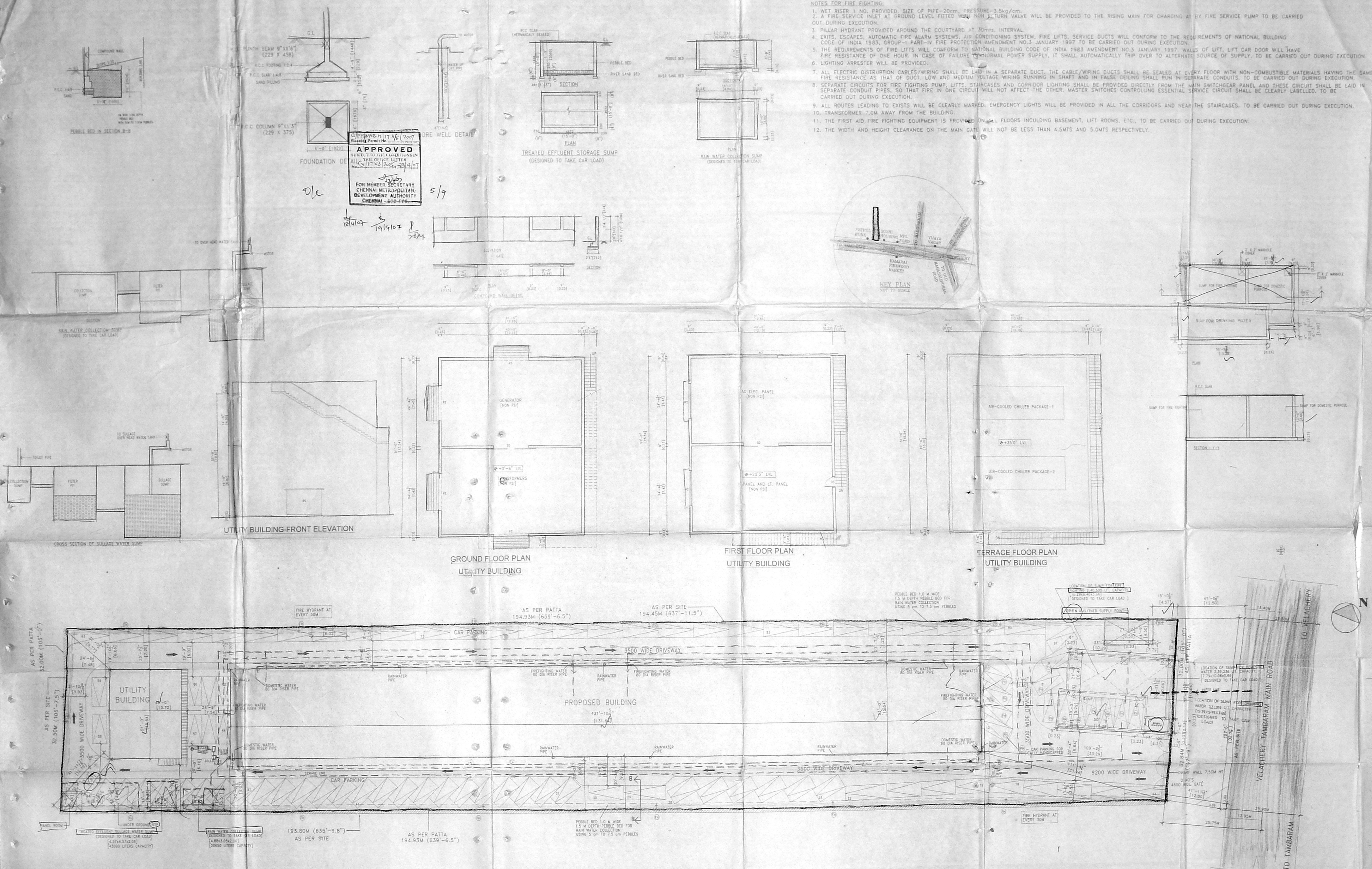
AREA STATEMENT:

MAIN BUILDING	sq m		
FIRST FLOOR	4300		
AS PER PATA	4167.68		
AS PER SITE	4372.42		

	F.F.I	NON F.F.I	PARKING	TOTAL
STILTS	340.98	181.58	1476.70	2599.26
FIRST	1963.31	70.00		2033.31
SECOND	1963.31	70.00		2033.31
THIRD	1963.31	70.00		2033.31
FOURTH	1963.31	70.00		2033.31
FIFTH	1963.31	70.00		2033.31
SIXTH	1963.31	70.00		2033.31
SEVENTH	1963.31	70.00		2033.31
TOTAL	15044.15	472.21	1406.70	16923.06

PLAT COVERAGE = 32.97 %
F.F.I = 2.267

CAR PARKING REQUIRED - 128 NOS
CAR PARKING PROVIDED - 128 NOS
TWO WHEELER PARKING REQUIRED - 210 NOS
TWO WHEELER PARKING PROVIDED - 214 NOS



APPROVED
SUBJECT TO THE CONDITIONS IN
THIS OFFICE LETTER
No. 177/2007, 22/12/07
FOR MEMBER SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI - 600 006

REFERENCE

PROPOSED ROAD
BOUNDARY
SEWAGE LINE
WATER LINE

SIGNATURE OF STRUCTURAL ENGINEER

SIGNATURE OF OWNER

FOR MPL CARS PVT. LTD.
Director

SIGNATURE OF LICENCED SURVEYOR

PRAMOD BALAKRISHNA
E.A. No. 16/2007
No. 3, THIRD FLOOR, 13, SECOND MAIN ROAD,
NEHRU NAGAR, ADYAR, CHENNAI - 600 022

CORPORATION DRAWING
SITE PLAN &
MISCELLANEOUS DETAILS
SHEET NO. 1/5

PROJECT 147x91 - 147x91

PLAN SHOWING PROPOSED I.T.E.S. BUILDING AT 148, VELACHERY TAMBARAM MAIN ROAD, S.NO. 23/1 (S/45 PER PATA & DOCUMENT), PALLAKARAI VILLAGE, KANCHEEPURAM DISTRICT.

edifice
PRAMOD BALAKRISHNA
ARCHITECTS & INTERIORS DESIGNER
NO. 3, THIRD FLOOR, 13, SECOND STREET,
NEHRU NAGAR, ADYAR, CHENNAI - 600 022
9441222, 9442184, FAX 2442218

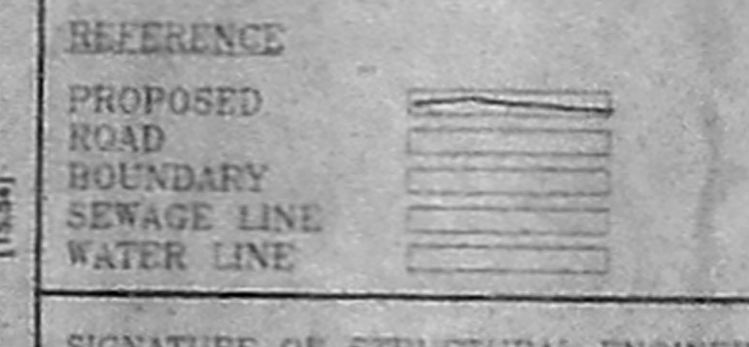
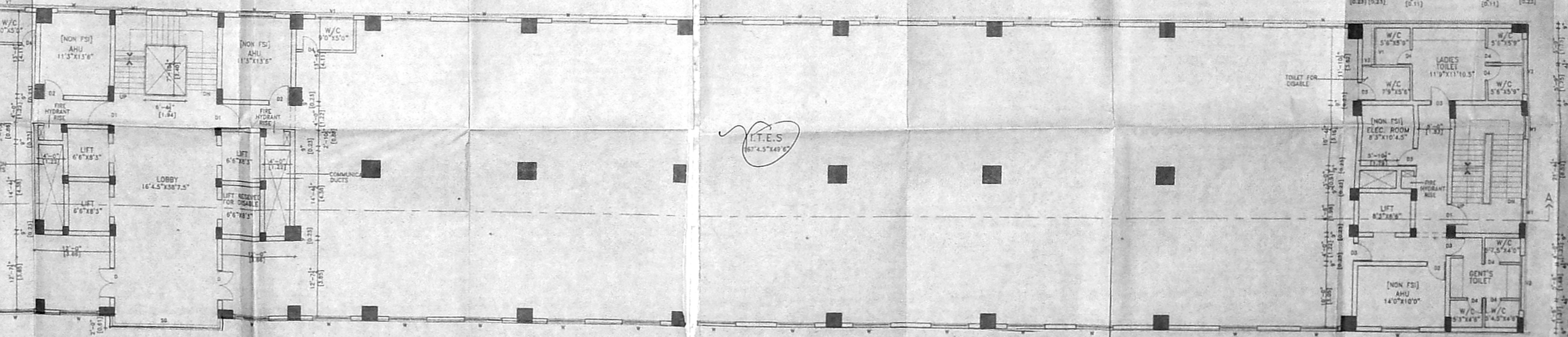
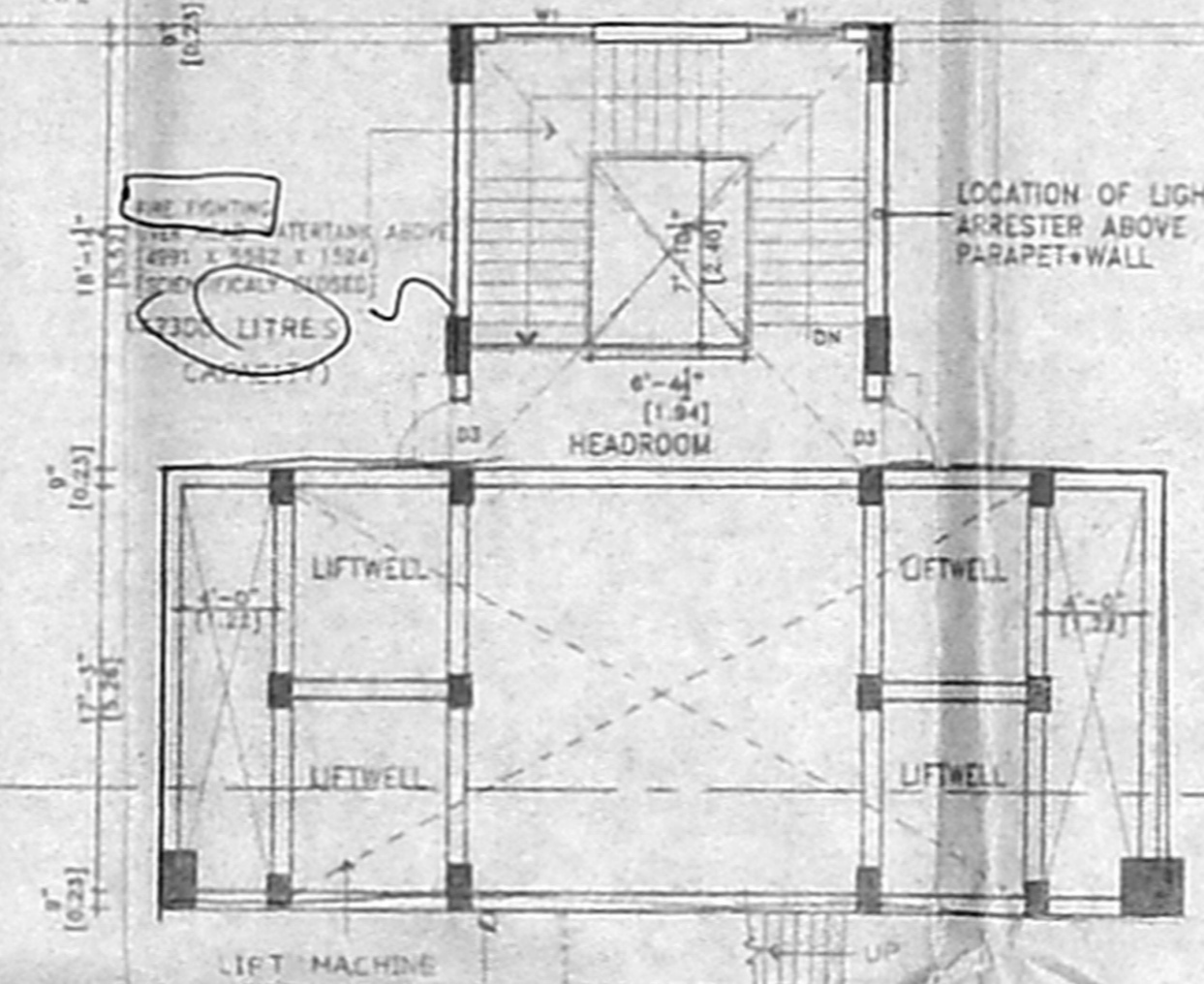
PROJ NO **DRG NO. C 01**
SCALE 1" TO 80' **REVISIONS**
DATE 28/04/08

SITE PLAN
SCALE 1"=16'-0"

CMDA C3/PP NO. 1
 IT MSB
 C No.
 Scrutiny:
 Part - I
 Part - II

NO.	DESCRIPTION	WID.	HEI.
D	FLOOR DOOR	5'0"	7'0"
D1	FLOOR DOOR	4'0"	7'0"
D2	FLOOR DOOR	3'0"	7'0"
D3	FLOOR DOOR	3'0"	7'0"
D4	FLOOR DOOR	3'0"	7'0"
D5	FLOOR DOOR	3'0"	7'0"
D6	FLOOR DOOR	3'0"	7'0"
D7	FLOOR DOOR	3'0"	7'0"
D8	FLOOR DOOR	3'0"	7'0"
D9	FLOOR DOOR	3'0"	7'0"
D10	FLOOR DOOR	3'0"	7'0"
D11	FLOOR DOOR	3'0"	7'0"
D12	FLOOR DOOR	3'0"	7'0"
D13	FLOOR DOOR	3'0"	7'0"
D14	FLOOR DOOR	3'0"	7'0"
D15	FLOOR DOOR	3'0"	7'0"
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D96	FLOOR DOOR	3'0"	7'0"
D97	FLOOR DOOR	3'0"	7'0"
D98	FLOOR DOOR	3'0"	7'0"
D99	FLOOR DOOR	3'0"	7'0"
D100	FLOOR DOOR	3'0"	7'0"

APPROVED
 SUBJECT TO THE CONDITIONS IN
 (S) 17/18/2007 LETTER
 NO. 19/14/07
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI - 600 008.



SIGNATURE OF STRUCTURAL ENGINEER
 T. RAMANARAJAN
 T. RAMANARAJAN
 CIVIL ENGINEER
 REG. NO. 19/14/07

SIGNATURE OF OWNER
 FOR MPL CARS PVT. LTD.
 Director

SIGNATURE OF LICENSED SURVEYOR
 PRAMOD BALAKRISHNAN
 R.A. NO. 142

CORPORATION DRAWING
 FLOOR PLANS
 SHEET NO. 3/3

PROJECT 1645x654
 PLAN SHOWING PROPOSED I.T.E.S. BUILDING
 AT 142, VELLACHERY TAMBARAM MAIN ROAD,
 S NO. 25/18/145 PER PATA & DOCUMENTS,
 PALLAVARANI VILLAGE, KANCHEEPURAM DISTRICT

edifice
 PRAMOD BALAKRISHNAN
 ARCHITECTS & INTERIOR DESIGNERS
 NO. 142, THIRD FLOOR, 13, SECOND STREET,
 MEHRU NAGAR, ADYAR, CHENNAI - 600 026
 P. 24412028, 24421444, FAX 24421198

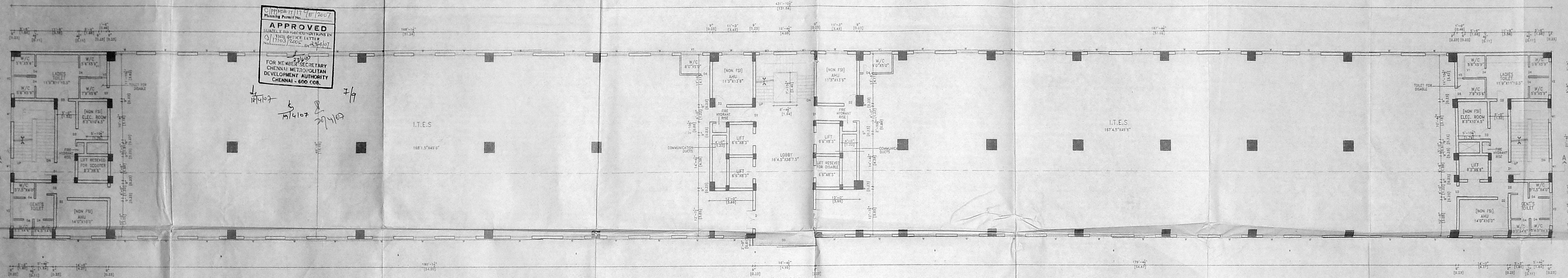
PROJ. NO. 1645x654
 SCALE 1" TO 30'
 REVISIONS

161 X 68

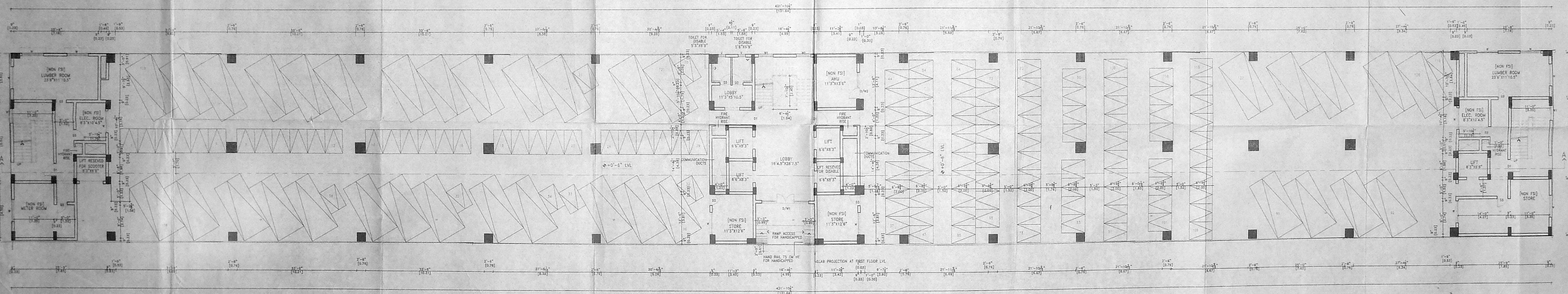


APPROVED
 SUBMIT TO THE CONDITIONS IN
 THIS OFFICE LETTER
 G/17/103/2006 dt. 23.11.07
 FOR MEMBER SECRETARY
 CHENNAI METROPOLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI - 600 008.

16/4/07
 21/4/07
 29/4/07



TYPICAL FLOOR PLAN
 1st, 2nd, 3rd, 4th, 5th & 6th FLOOR



STILT FLOOR PLAN

Rev. plan dt. 20.3.07

NO.	DESCRIPTION	DATE
1	REVISION	
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	
6	REVISION	
7	REVISION	
8	REVISION	
9	REVISION	
10	REVISION	

SIGNATURE OF ARCHITECT
 S. G. Director

SIGNATURE OF OWNER
 S. G. Director

PRAMOD BALAKRISHNAN
 P.A. No. 142, CLASS I
 No. 3, THIRD FLOOR, 13, SECOND ST.
 NERU NAGAR, ADYAR,
 CHENNAI - 600 028.

CORPORATION DRAWING
 FLOOR PLANS
 SHEET NO. 2/5

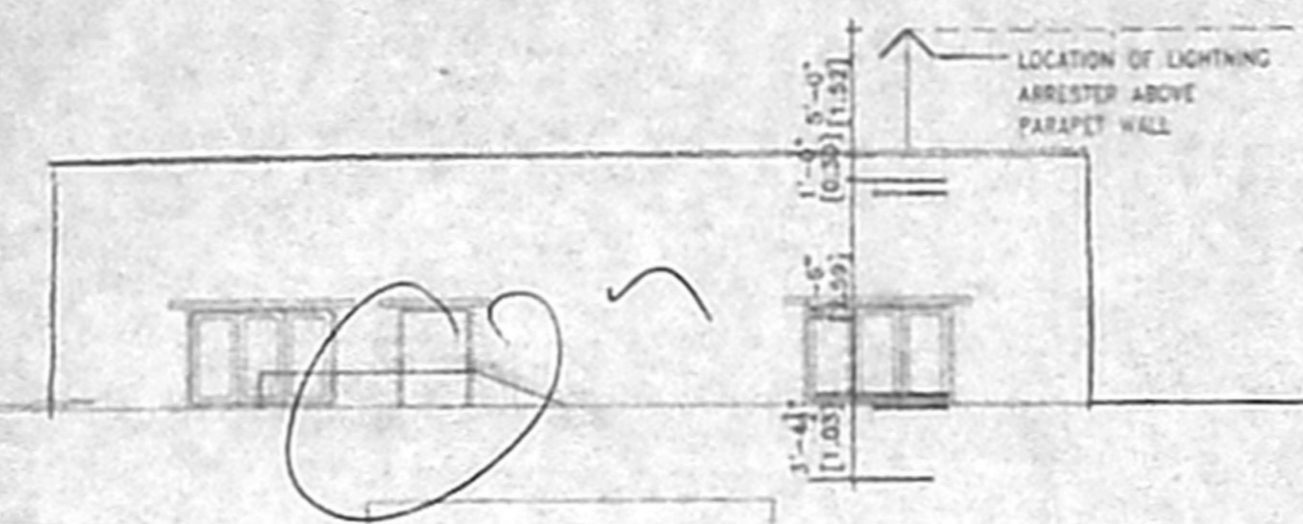
161 X 68
 PLAN SHOWING PROPOSED I.T.E.S. BUILDING
 AT 149, VELACHERY TANDARAM MAIN ROAD,
 S.NO. 23/182/AS PER PART 8 DOCUMENT,
 PALLAKRAM VILLAGE, KANCHEEPURAM DISTRICT

DATE	16/4/07
SCALE	AS SHOWN
NO.	2/5

APPROX. WEIGHT
OF CONCRETE WORK
(BASED UPON CAPACITY)

Approved
Municipal Corporation
for member secretary
Chennai Metropolitan
Development Authority
Chennai - 600 008.

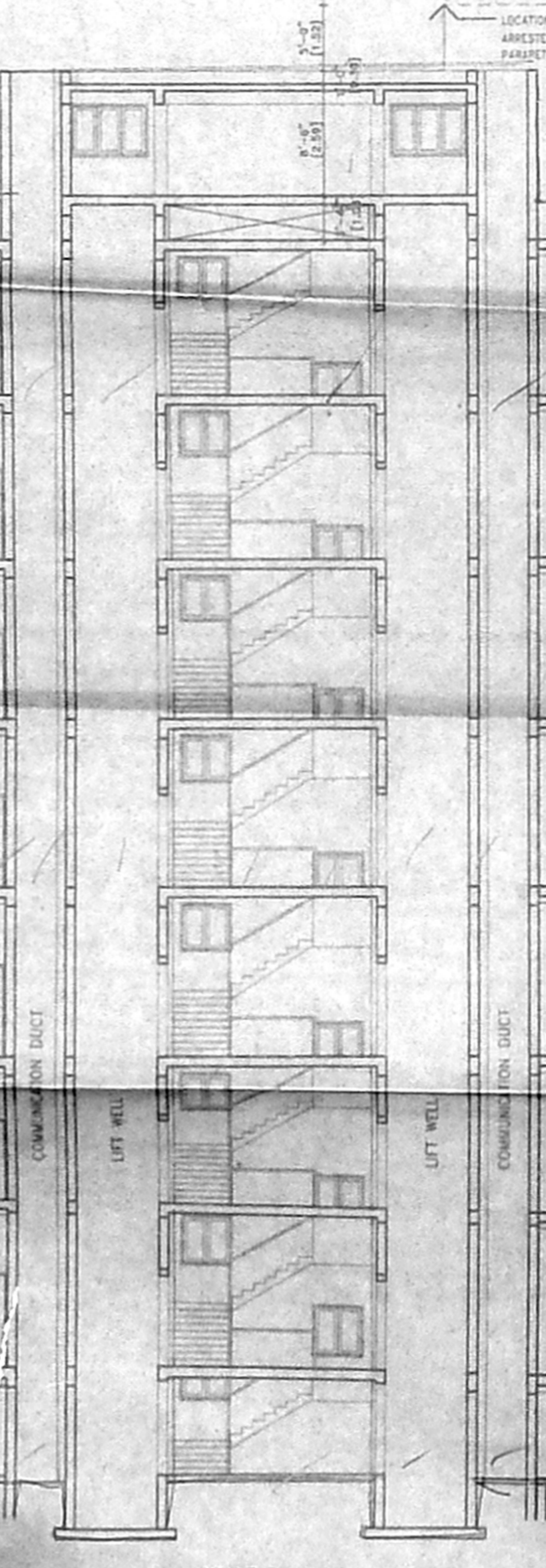
8/9
19/6/07 27/4/07



APPROX. WEIGHT
OF CONCRETE WORK
(BASED UPON CAPACITY)

CMDA G3/PF NO. 7
IT MSB
C.No.
Part - I
Date: 20.3.07
A.P. 26/07 D.P.
22/3/07

SIDE ELEVATION



SECTION-AA

REFERENCE
PROPOSED ROAD
BOUNDARY
SEWERAGE LINE
WATER LINE

SIGNATURE OF STRUCTURAL ENGINEER
[Signature]

SIGNATURE OF OWNER
[Signature]

FOR MPL CARS PVT. LTD.
[Signature]

SIGNATURE OF LICENSED SURVEYOR

PRAMOD BALAKRISHNAN
R.A. IN THE CLASS I
NO. 3, THIRD FLOOR, 13, SECOND STREET,
MADRAS, MADRA, MADRA,
CHENNAI - 600 008.

MR. PRAMOD BALAKRISHNAN, R.A. IN THE CLASS I

CORPORATION DRAWING
ELEVATION & SECTION

SHEET NO. A-1

PROJECT
164x92
PLAN SHOWING PROPOSED TOWER BUILDING
AT 14th VEERABHADRAN MAIN ROAD,
SINDHU VILLAGE, KARAIKAL & DISTRICT,
PALLAKURAM VILLAGE, KANCHI DISTRICT

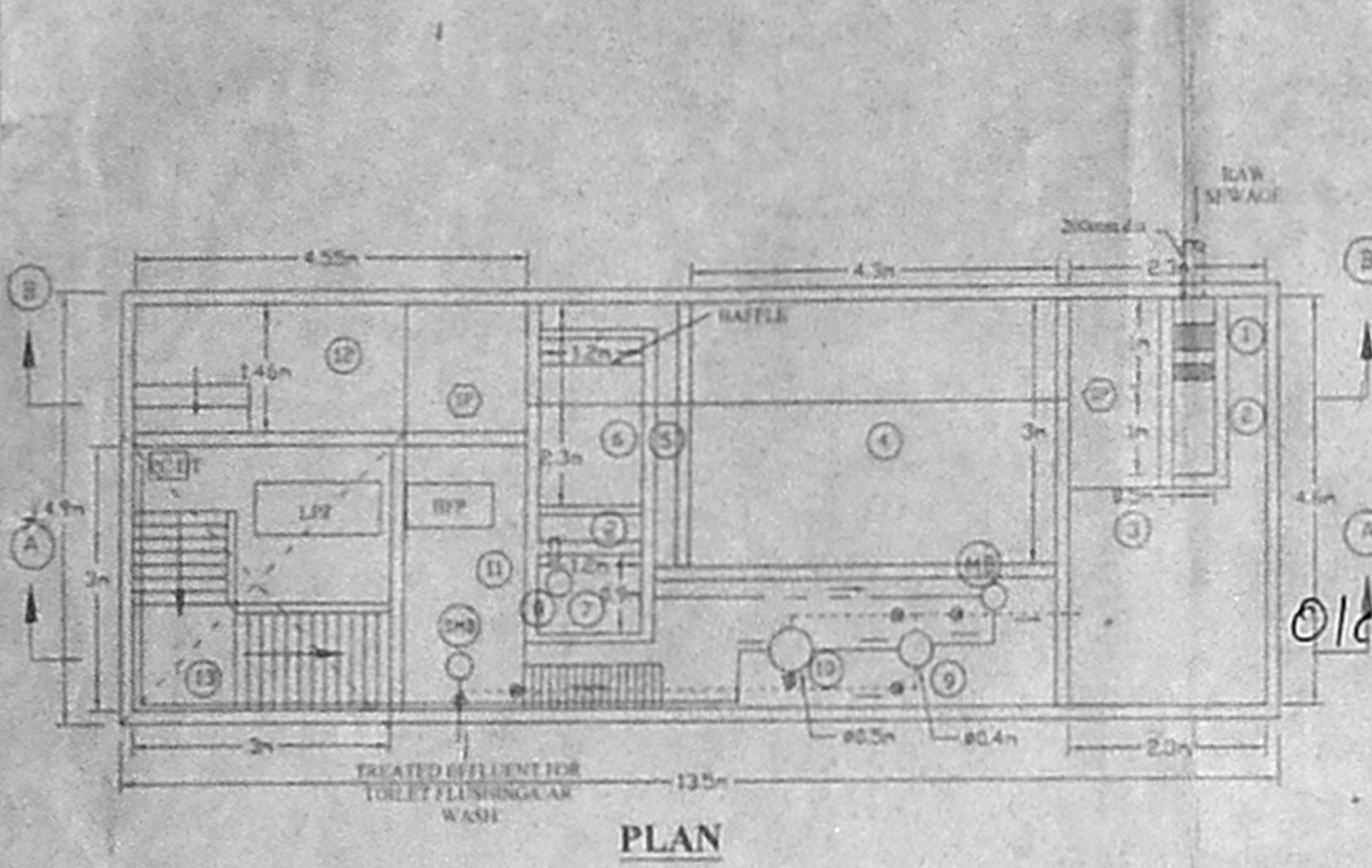
SCALE
1:100

DATE: 22/3/07

PROPOSED SEWAGE TREATMENT PLANT

CMDA CS/PF NO. _____
 IT MSB _____
 C.No. _____
 Scrutiny: _____
 Part - I _____
 Part - II _____
 Rev. plan dt. 20/3/07
 26/3/07
 22/3/07

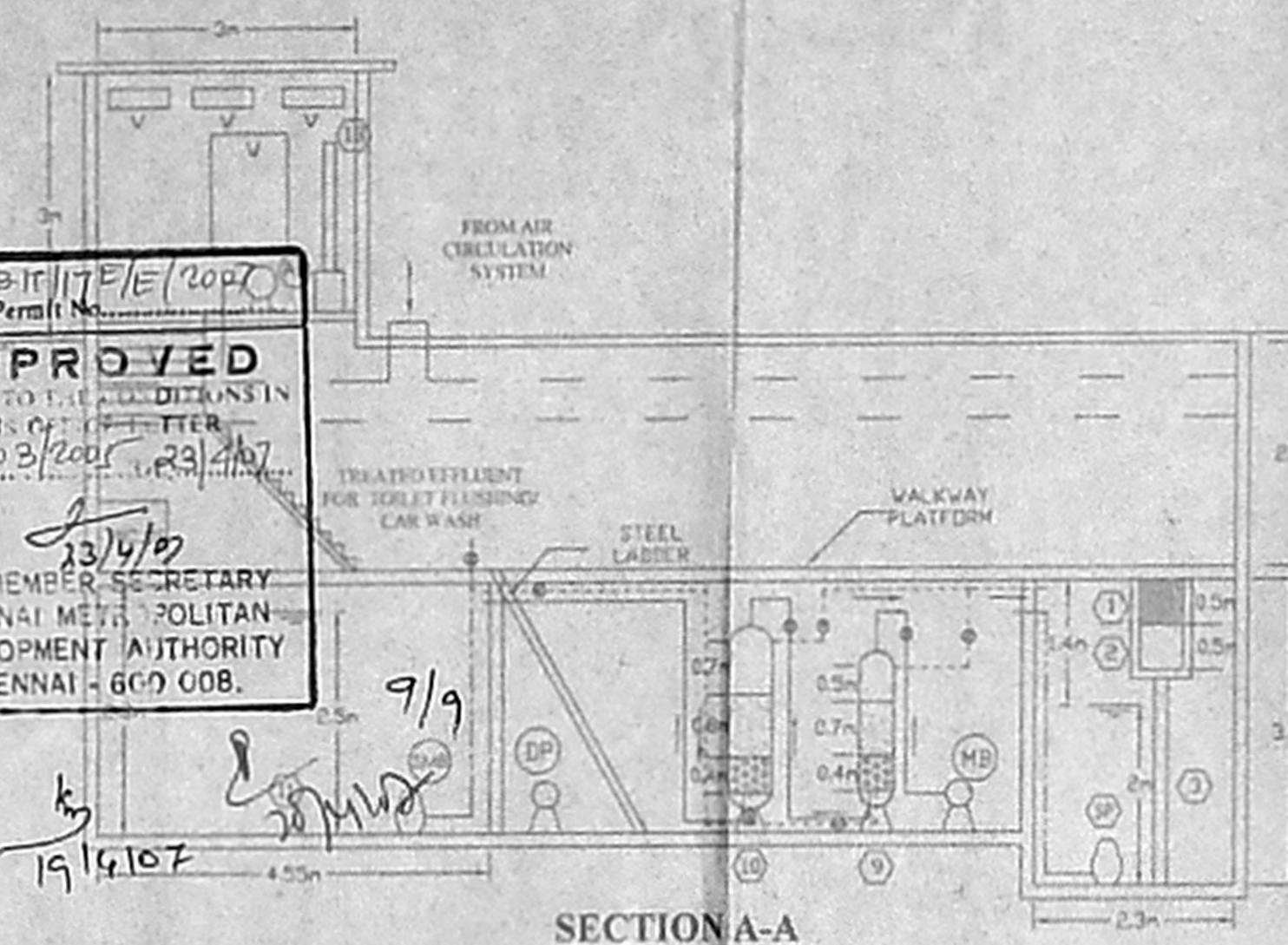
R.P 20/3/07



PLAN

UPPMB/IT/17/E/2007
 Planning Permit No. _____
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFF LETTER
 9/17/10 2/2007 23/2/07
 23/4/07
 FOR MEMBER SECRETARY
 CHENNAI METR. POLITAN
 DEVELOPMENT AUTHORITY
 CHENNAI - 600 008.

19/4/07
 9/9



SECTION A-A

DESIGN DATA:

BUILT UP AREA - 13861 SQ.M
 PROPOSED OCCUPANTS - 1387
 RATE OF WATER SUPPLY - 40 LPCD
 SEWAGE GENERATED - 44384 L/D
 PROPOSED CAPACITY OF STP - 0.045 MLD

INFLUENT AND EFFLUENT CHARACTERISTICS:

PARAMETER	INFLUENT	EFFLUENT
pH	6.5-8.0	6.5-8.0
S.S	450 mg/l	30 mg/l
BOD5	350 mg/l	20 mg/l

DISPOSAL/REUSE OF TREATED EFFLUENT:

TOTAL QUANTITY OF TREATED EFFLUENT = 0.045 MLD
 QUANTITY USED FOR TOILET FLUSHING = 0.0416 MLD
 QUANTITY USED FOR CAR WASH = 0.0034 MLD

LEGEND:

- 1. SCREEN CHAMBER
- 2. GRIT CHANNEL
- 3. BALANCING TANK
- 4. AERATION TANK
- 5. EFFLUENT LAUNDER
- 6. SETTLING TANK
- 7. DISINFECTION TANK
- 8. CHLORINE DOSING TANK
- 9. PRESSURE SAND FILTER
- 10. ACTIVATED CARBON FILTER
- 11. EFFLUENT SUMP
- 12. SLUDGE COLLECTION TANK
- 13. PANEL ROOM
- BFP BELT FILTER PRESS
- LPT LIME POST TREATMENT MODULE
- SP SUBMERSIBLE PUMP - 2 cu.m/hr @ 12m
- SL SLUDGE PUMP - 10cu.m/hr @ 10m
- MB MONOBLOCK PUMP 2 cu.m/hr @ 10m
- SMB SUBMERSIBLE MONOBLOCK PUMP
- PC.DT POST CHLORINATION DOSING TANK
- DP DRAIN PUMP
- AB AIR BLOWER 40 cu.m/hr
- LPT LIME POST TREATMENT MODULE
- RAW SEWAGE LINE (80mm dia)
- EFFLUENT LINE (80mm dia)
- SLUDGE LINE (100mm dia)
- AIR LINE (25mm dia)
- DUCT PROVIDED FOR AIR CIRCULATION IN BASEMENT

REFERENCE
 PROPOSED ROAD
 BOUNDARY
 SEWAGE LINE
 WATER LINE

SIGNATURE OF STRUCTURAL ENGINEERS

T.M. RAMAKRISHNAN
 B.E. (Struct. Engg.), M.S.C. (Struct. Engg.)
 Consulting Structural / Civil Engineer
 607, 3rd Floor, Kamathaya Apts., Balakrishna Road,
 Mylapore, Chennai, India. Pin - 600 004.
 Phone : +91 44 24881763 / 64; Fax: +91 44 42102266
 Mobile: +91 98400 40727
 E-mail: struarc@airtelbroadband.in / struarc@eth.net

SIGNATURE OF OWNER

FOR MPL CARS PVT. LTD.
 S.G.
 Director

SIGNATURE OF LICENCED SURVEYOR

PRAMOD BALAKRISHNAN
 R.A. No. 142, CLASS I,
 No.5, THIRD FLOOR, 13, SECOND MAIN ROAD,
 NEHRU NAGAR, ADYAR,
 CHENNAI - 600 020.

MR PRAMOD BALAKRISHNAN, R.A NO 142

CORPORATION DRAWING.
SEWAGE TREATMENT PLANT &
LIFT MACHINE ROOM PLAN

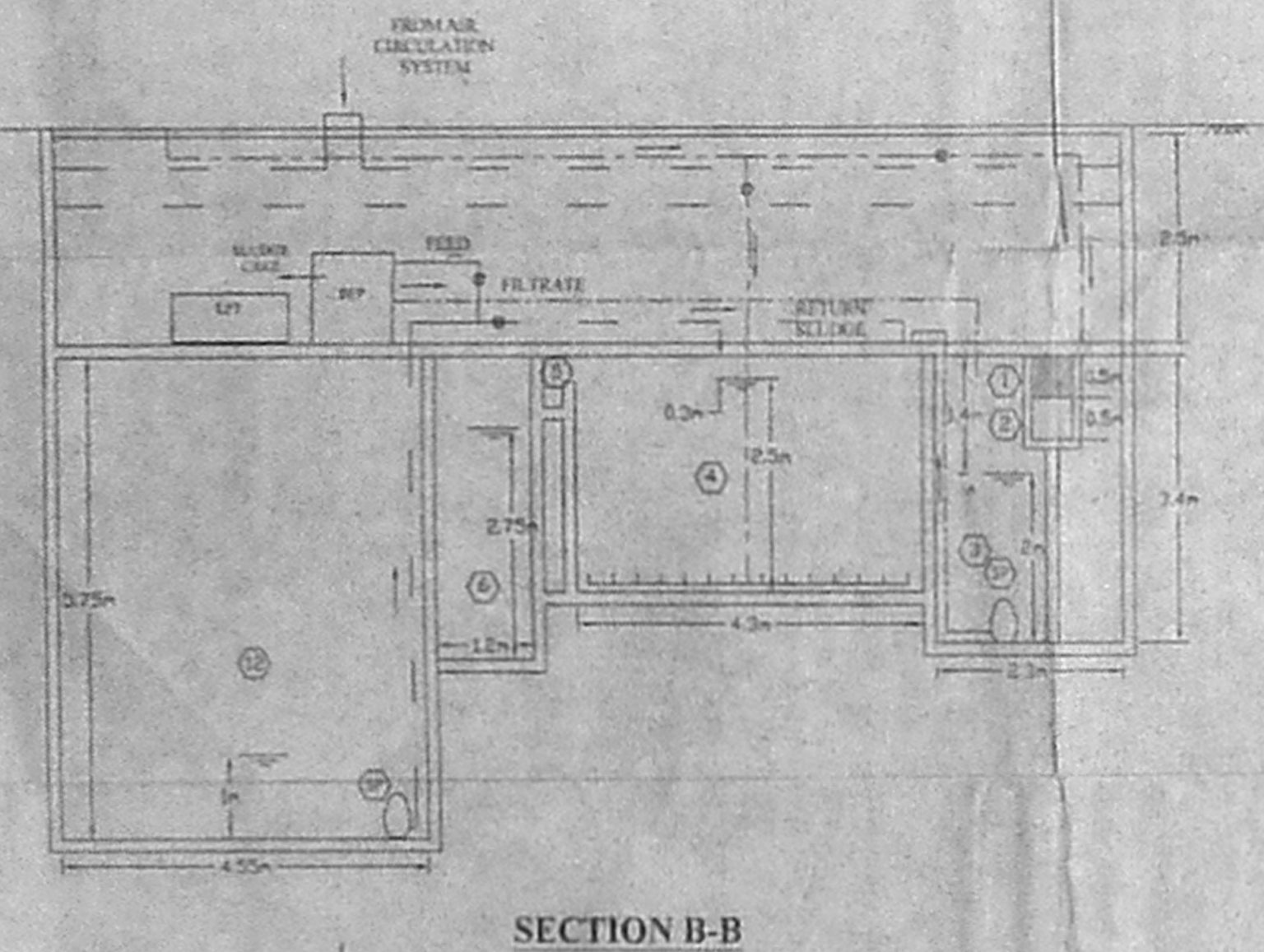
SHEET NO. 5/5

PROJECT

PLAN SHOWING PROPOSED I.T.E.S BUILDING
 AT 149, VELACHERY TAMBARAM MAIN ROAD,
 S.NO: 23/1B3(AS PER PATT & DOCUMENT),
 PALLIKARANI VILLAGE, KANCHEEPURAM DISTRICT.

edifice
 PRAMOD BALAKRISHNAN
 ARCHITECTS & INTERIOR DESIGNERS
 NO.5, THIRD FLOOR, 13, SECOND STREET,
 NEHRU NAGAR, ADYAR, CHENNAI - 600 020.
 © 24412025, 24422144. FAX: 24422198

PROJ NO	DRG NO - C 05
SCALE 1" TO 8'0"	REVISIONS
DATE 16.08.2005	



SECTION B-B