

SCHEDULE OF FINISHES			
TYPE	WIDTH	HEIGHT	DESCRIPTION
MD	9'0"	7'0"	Glass MAIN DOOR
D1	3'0"	7'0"	T.W. DOOR
D2	3'11"	7'0"	Flush DOOR
D3	2'8"	7'0"	T.W. MAIN DOOR
FD	6'7"	7'0"	T.W. DOOR
W1	6'9"	6'6"	T.W. FRAME WINDOW
V1	2'0"	2'0"	T.W. LOUVERED VENTILATOR
V2	6'9"	2'0"	T.W. LOUVERED VENTILATOR

SEPECIFICATIONS

FOUNDATION:
R.C COLUMN FOUNDATION AND THE (PLINTH) BEAMS OVER A BED OF P.C.C 1:4:8 SAND CUSHIONS.

SUPER STRUCTURE:
115 THK. INTERNAL & 230 THK EXTERNAL WALLS IN C.M 1:5 WITH PLASTER IN C.M 1:5

R.C.C WORK:
R.C COLUMNS, BEAMS, SLABS, LINTELS AND SUNSHADES IN 1:2:4 MIX. ADEQUATELY REINFORCED.

FLOORING:
MOSAIC FLOORING.

WEATHERING COURSE:
ONE SET OF BRICK JELLY LINE CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE.

NOTE:
UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

COLOUR CODE REFERENCE	
PROPOSED WORK	
EXISTING ROAD	
BOUNDARY LINE	
SEWER LINE	

AREA STATEMENT	SQ MT
PLOT AREA	7486.62 SQ.M (80586 SQ.FT)
ALLOWED F.S.I (15 x 15 x 2.25)	16844.90
BASEMENT FLOOR	194
GROUND FLOOR AREA	2178.1
TYPICAL FLOOR AREA (I,II,III) (2192.1 x 3)	6576.3
TOTAL AREA	8945.4
NON F.S.I AREA IN BASEMENT	544 SQ.M
A.H.U.	188.4 SQ.M
Total Non F.S.I AREA	732.4 SQ.M
F.S.I ACHIEVED	1.2
PLOT COVERAGE	30%
NO OF 4 WHEELER PARKING REQUIRED	67 nos
NO OF 4 WHEELER PARKING PROVIDED	90 nos

SIGNATURE OF STRUCTURAL ENGINEER

SIGNATURE OF OWNER

J. RAJASEKARAN
REGD. ARCHITECT
C.A. No. 03/22333
25, Vengalshwara Colony,
2nd Street, MMC, Chennai 61.

SIGNATURE OF LICENSED SURVEYOR

PROPOSED CONSTRUCTION OF ITPARK COMPLEX AT 137 AND 137B AS PER OLD SURVEY NO. & NEW S.NO 137B / 3A1 AS PER PATTA IN SAIDAPET TALUK, CHENGAI MGR DISTRICT, ST. THOMAS MOUNT PANCHAYAT, KARAPAKKAM VILLAGE, DOOR NO. 147 OLD MAHABALIPURAM ROAD, KARAPAKKAM, CHENNAI - 600096.

North

W E

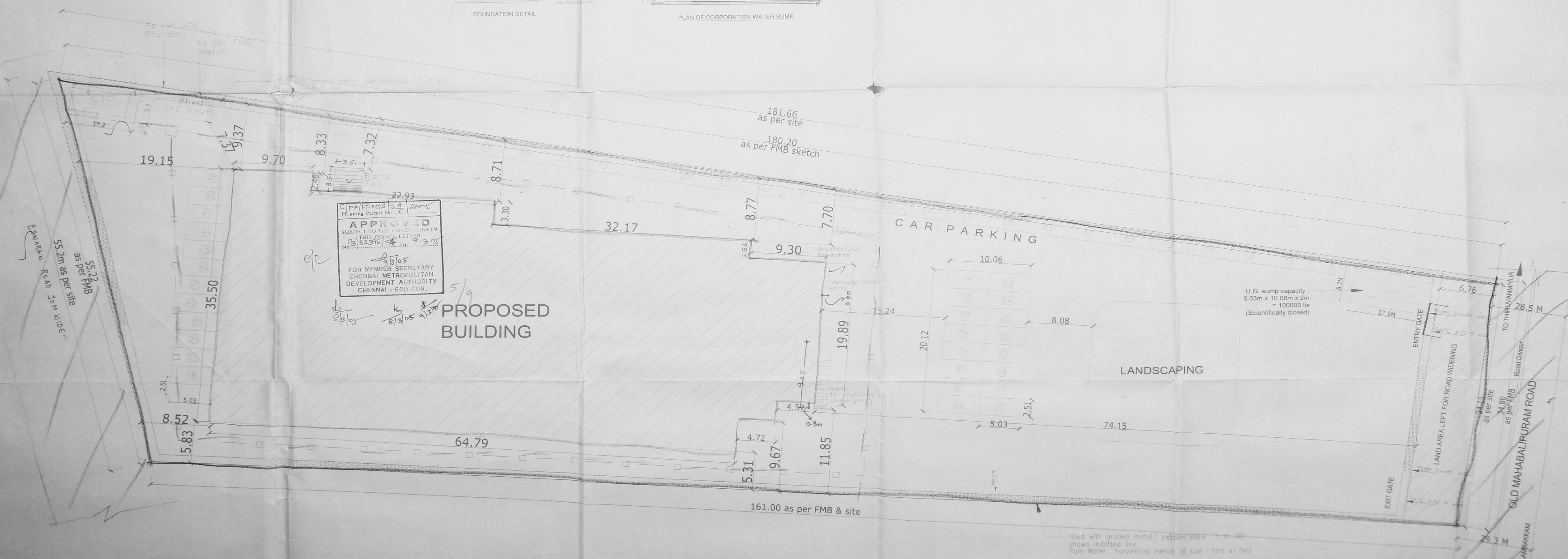
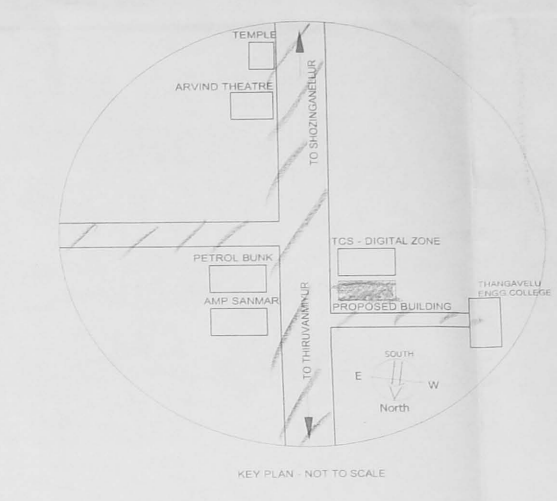
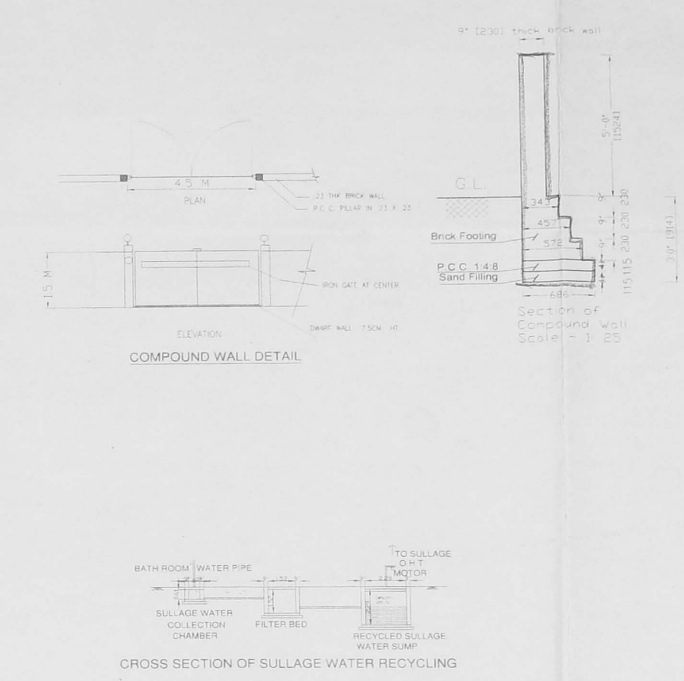
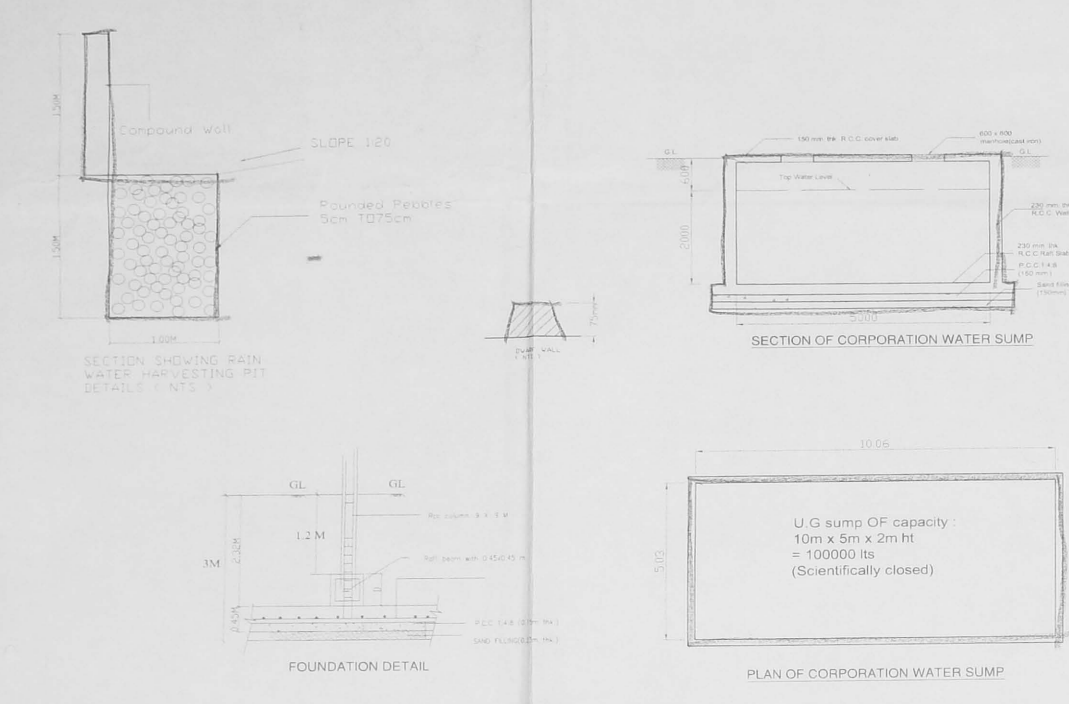
SOUTH

1

SCALE: 1:200

DATE: 04-12-04

DRN: PRASANA



APPROVED
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
No. 32310/04-7-3-05
FOR MEMBER SECRETARY
CHENNAI METROPOLITAN
DEVELOPMENT AUTHORITY
CHENNAI - 600 008.

PROPOSED BUILDING

CAR PARKING

LANDSCAPING

U.G. sump capacity :
5.03m x 10.06m x 2m
= 100000 lts
(Scientifically closed)

OLD MAHABALIPURAM ROAD

TO KARAPAKKAM

TO KELAKKAM

TYPE	WIDTH	HEIGHT	DESCRIPTION
M0	8'	7'9"	T.W. MAIN DOOR
D1	3'9"	7'9"	T.W. DOOR
D2	2'9"	7'9"	T.W. MAIN DOOR
D3	7'9"	7'9"	T.W. FRENCH DOOR
W1	4'9"	4'9"	T.W. FRAME WINDOW
W2	4'9"	4'9"	T.W. FRAME WINDOW
W3	4'9"	4'9"	T.W. FRAME WINDOW
V	2'9"	2'9"	T.W. COLOURED VENTILATOR
V2	8'	2'9"	T.W. COLOURED VENTILATOR

SPECIFICATIONS:

FOUNDATION:
R.C COLUMN FOUNDATION AND THE (PLINTH) BEAMS OVER A BED OF P.C.C 1:4:8 SAND CUSHIONS.

SUPER STRUCTURE:
115 THK. INTERNAL & 230 THK EXTERNAL WALLS IN CM 1:5 WITH PLASTER IN CM 1:5

R.C.C WORK:
R.C COLUMNS, BEAMS, SLABS, LINTELS, AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED.

FLOORING:
MOSAIC FLOORING.

WEATHERING COURSE:
ONE SET OF BRICK-JELLY LIME CONCRETE MIXED WITH CRUDE OIL POINTED AND LAID TO SLOPE.

NOTE:
UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

COLOUR CODE REFERENCE

PROPOSED WORK	[Line with diagonal hatching]
EXISTING ROAD	[Line with horizontal hatching]
BOUNDARY LINE	[Line with vertical hatching]
SEWER LINE	[Line with cross-hatching]

SIGNATURE OF STRUCTURAL ENGINEER

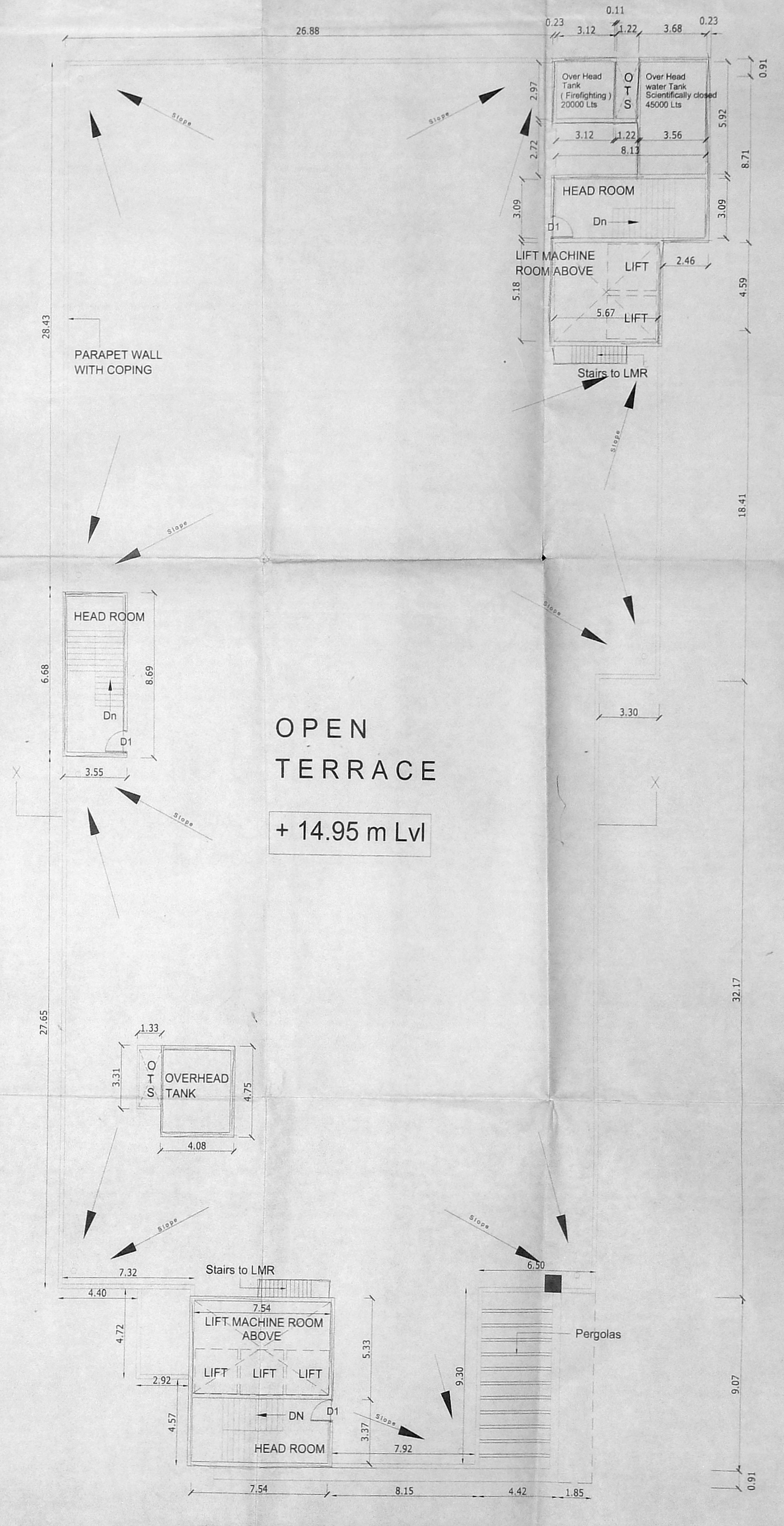
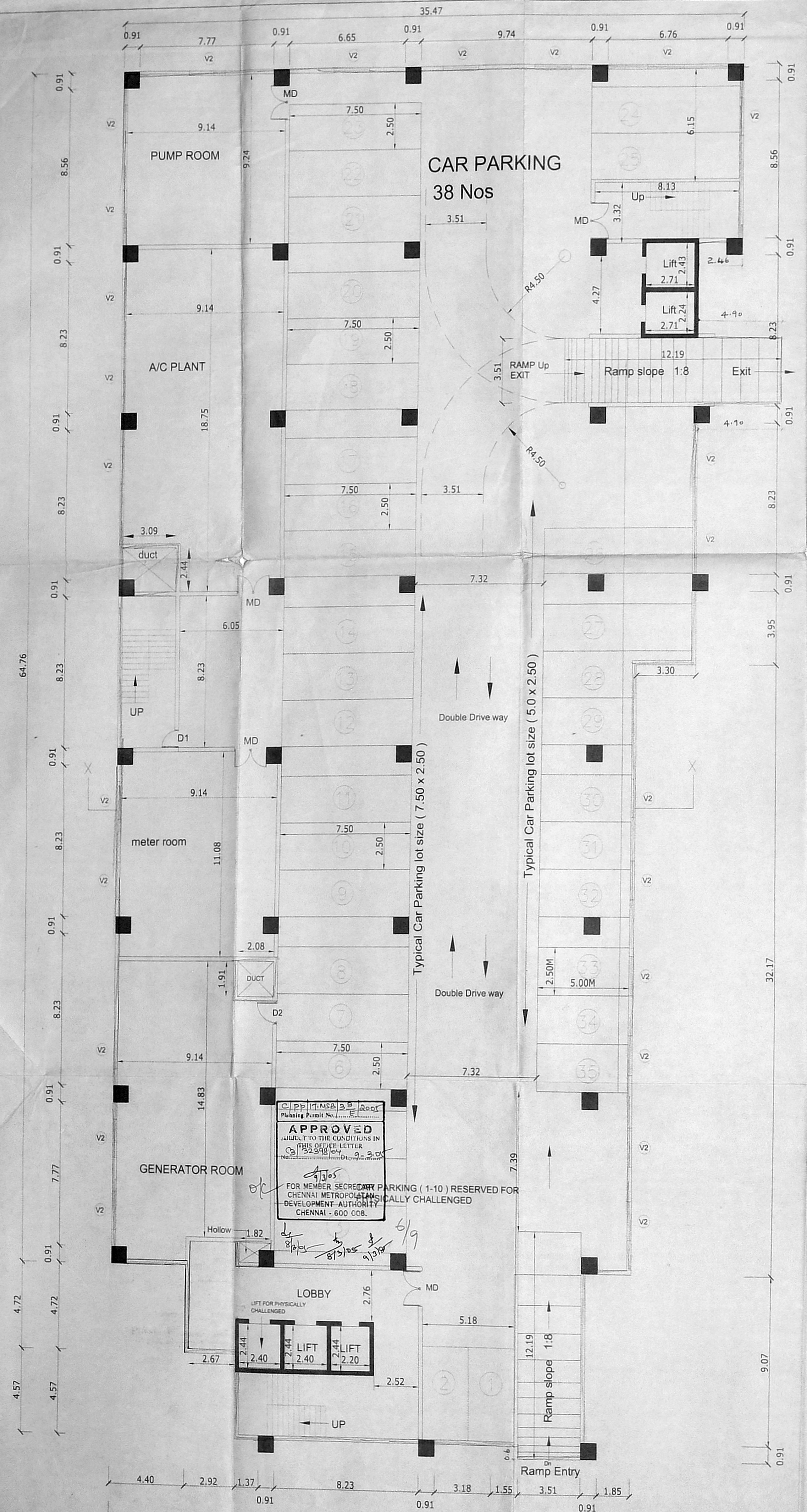
SIGNATURE OF OWNER

J. RAJASEKARAN
REGD. ARCHITECT
C.A. No: 23/2333
25, Vengalambalam Colony,
2nd Street, MMC, Chennai-51

SIGNATURE OF LICENSED SURVEYOR

PROPOSED CONSTRUCTION OF ITPARK COMPLEX AT 137 AND 137 B AS PER OLD SURVEY NO. & NEW S.NO-137B/3A1 AS PER PATTA IN SAIDAPET TALUK TALUK CHENGAI MGR DISTRICT, ST. THOMAS MOUNT PANCHAYAT, KARAPAKKAM VILLAGE, DOOR NO: 147 OLD MAHALALIPURAM ROAD, KARAPAKKAM, CHENNAI - 600096.

	<p>North</p>	2
		<p>SCALE: 1:100</p>
<p>DATE: 04-12-04</p>		<p>DR: PRASANA</p>



TERRACE FLOOR PLAN

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
MD 1	9'10"	7'0"	Glass MAIN DOOR
D1	3'0"	7'0"	T.W. DOOR
D2	4'0"	7'0"	FLUSH DOOR
D3	2'6"	7'0"	T.W. MAIN DOOR
FD	6'7"	7'0"	T.W. DOOR
W1	6'9"	6'6"	T.W. FRAME WINDOW
MD	6'0"	7'0"	Glass MAIN DOOR
V1	2'0"	2'0"	T.W LOUVERED VENTILATOR
V2	6'9"	2'0"	T.W LOUVERED VENTILATOR

SPECIFICATIONS:

FOUNDATION:
R.C COLUMN FOUNDATION AND TIE (PLINTH) BEAMS OVER A BED OF P.C.C 1:4:8 SAND CUSHIONS.

SUPER STRUCTURE:
115 THK INTERNAL & 230 THK EXTERNAL WALLS IN CM 1:5 WITH PLASTER IN CM 1:5

R.C.C WORK:
R.C COLUMNS,BEAMS,SLABS,LINTELS AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED.

FLOORING:
MOSAIC FLOORING.

WEATHERING COURSE:
ONE SET OF BRICK JELLY LIME CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE.

NOTE:
UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

COLOUR CODE REFERENCE

PROPOSED WORK	
EXISTING ROAD	
BOUNDARY LINE	
SEWER LINE	

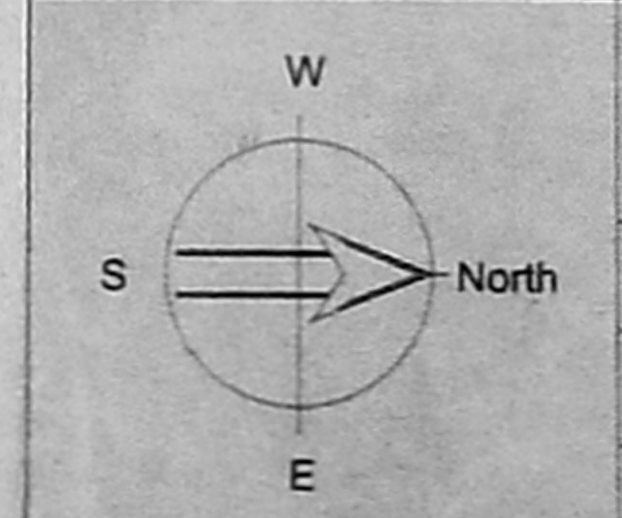
SIGNATURE OF STRUCTURAL ENGINEER

SIGNATURE OF OWNER

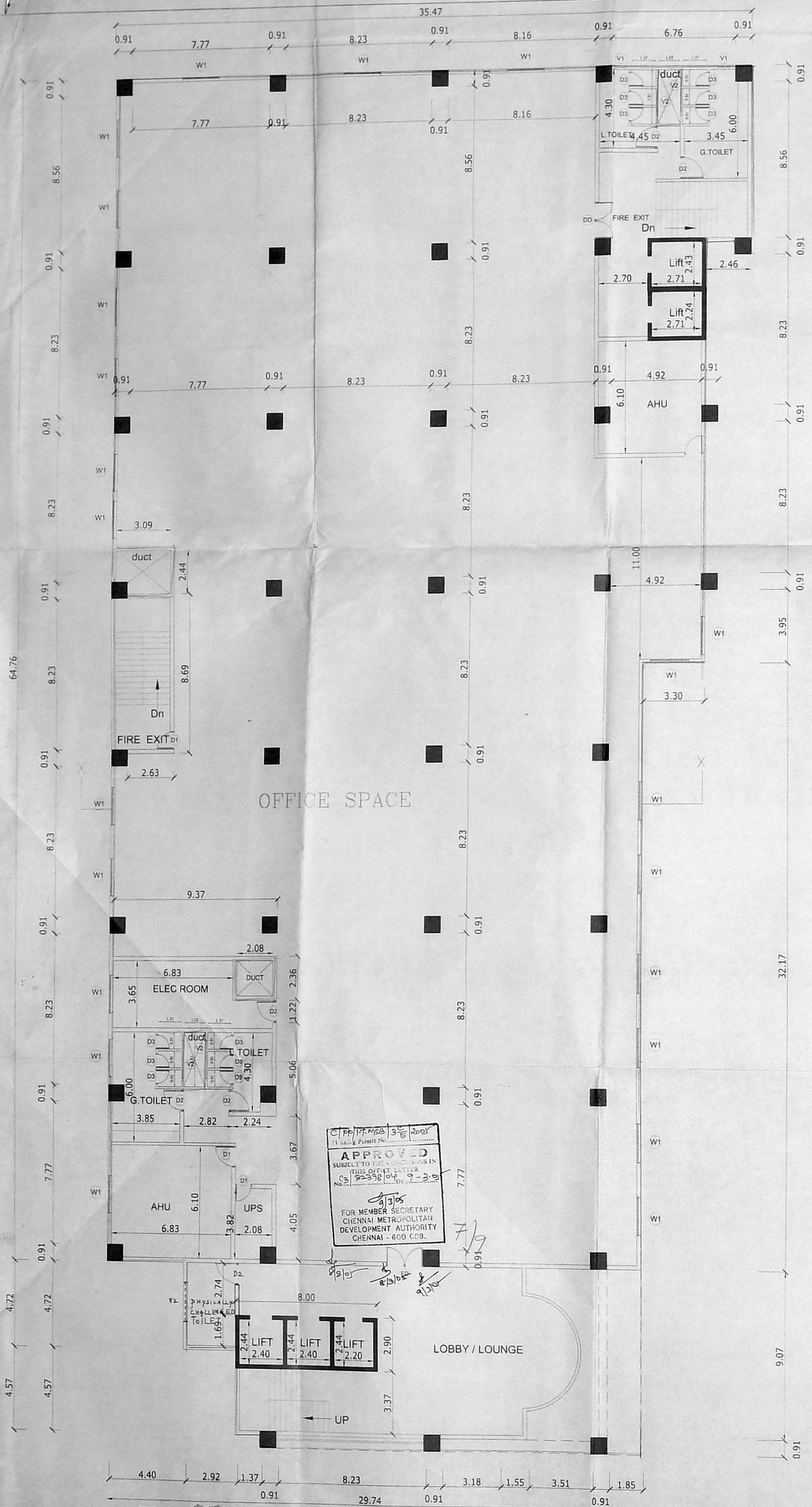
J. Rajasekaran
J. RAJASEKARAN
REGD. ARCHITECT
CA. No. 05/32327
28, Vengalshwara Colony,
2nd Street, M.M.C. Chennai-61.

SIGNATURE OF LICENSED SURVEYOR

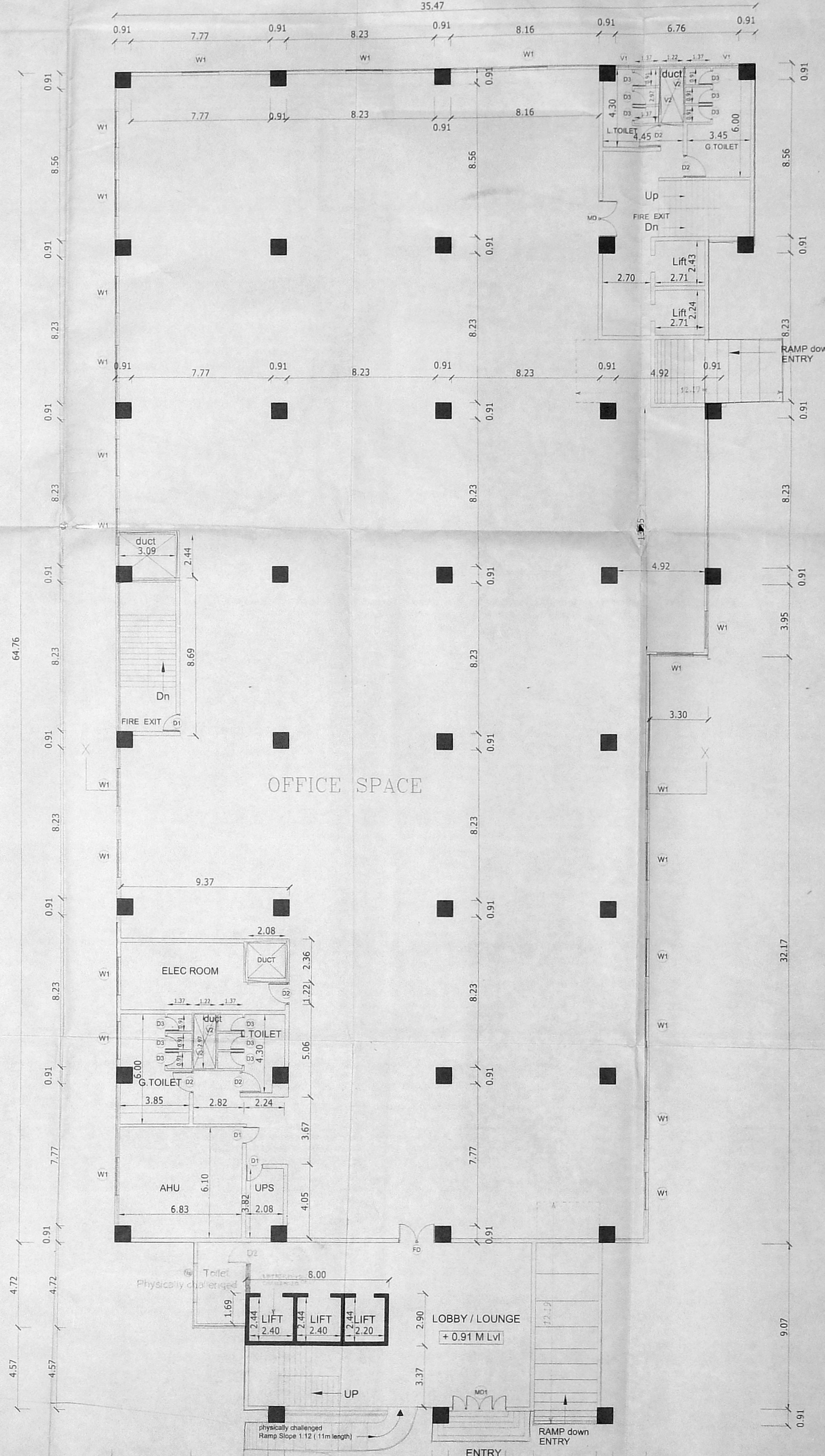
PROPOSED CONSTRUCTION OF ITPARK COMPLEX AT 137 AND 137 B AS PER OLD SURVEY NO. & NEW S.NO-137B/3A1 AS PER PATTA IN SAIDAPET TALUK TALUK,CHENGAI MGR DISTRICT, ST. THOMAS MOUNT PANCHAYAT, KARAPAKKAM VILLAGE, DOOR NO: 147 OLD MAHABALIPURAM ROAD, KARAPAKKAM,CHENNAI - 600096.



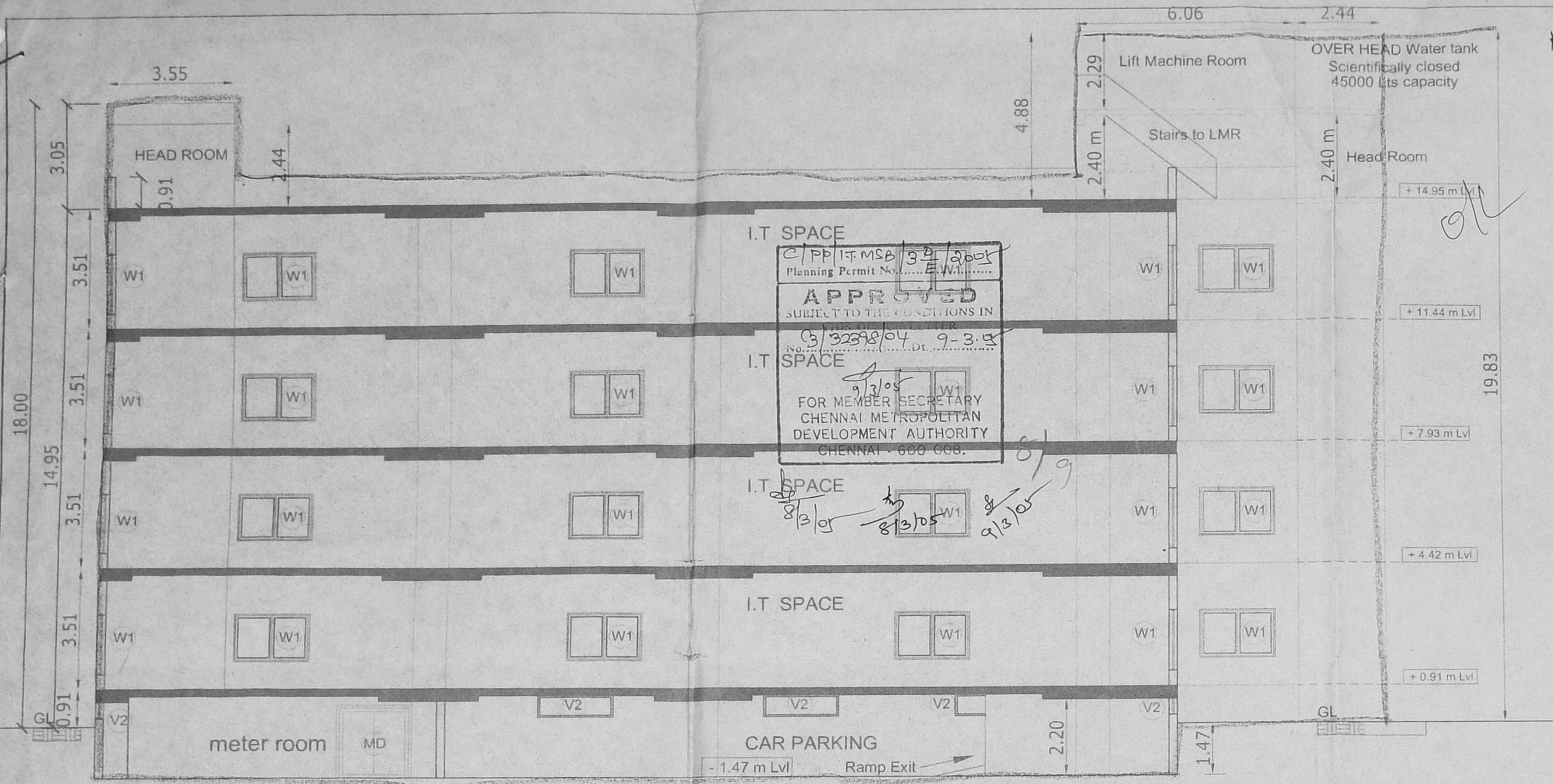
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SCALE: 1:100
DATE: 04-12-04
DRN: PRASANA



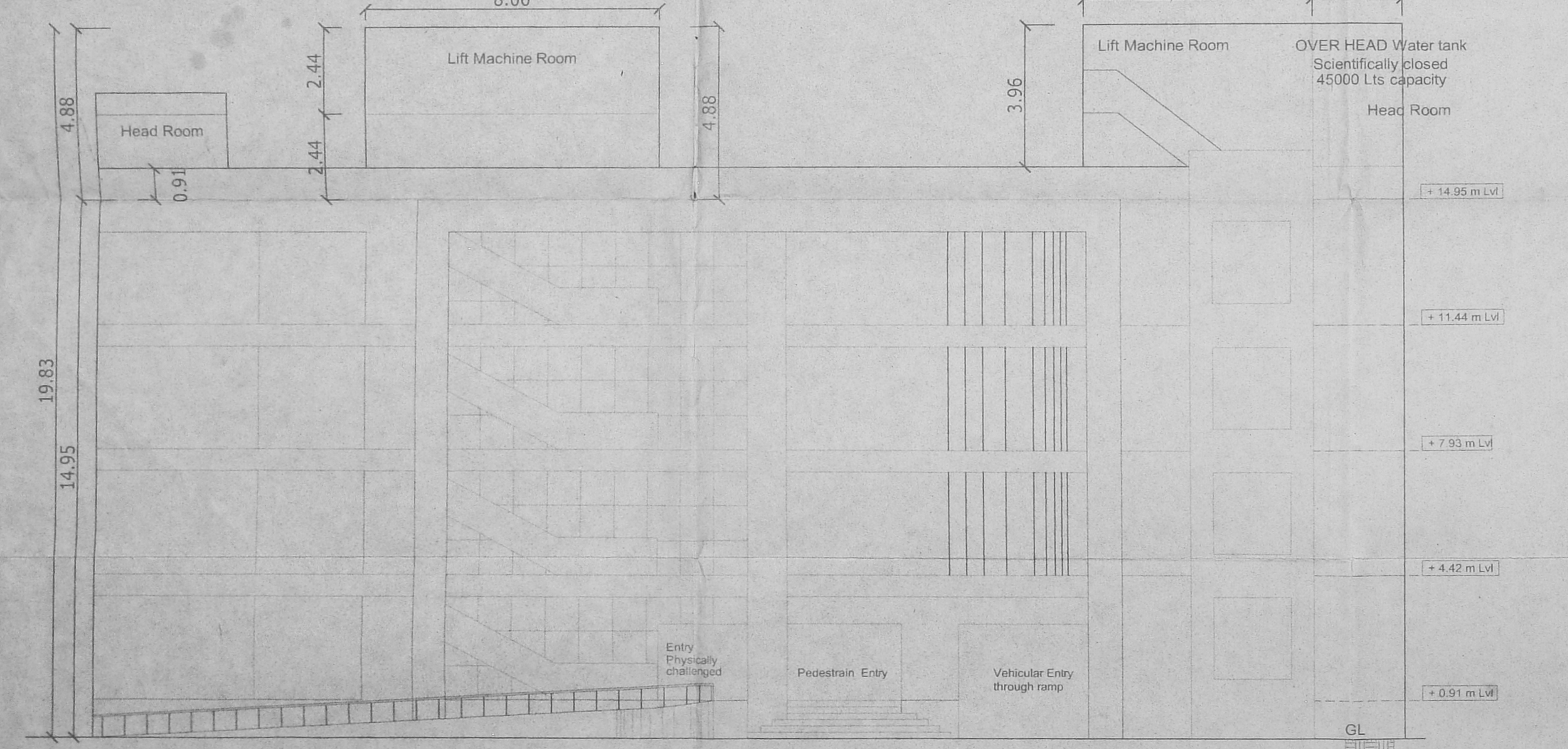
TYPICAL FLOOR PLAN - (1,2 & 3)



GROUND FLOOR PLAN



SECTION X - X



FRONT ELEVATION

Revised Plan
 dr: 25-2-05

NO	QTY	DESCRIPTION
D1	70'x13'	T.W. MAIN DOOR
D2	70'x13'	T.W. DOOR
D3	70'x13'	T.W. MAIN DOOR
D4	70'x13'	T.W. FRENCH DOOR
W1	48'x122'	T.W. FRAME WINDOW
W2	48'x122'	T.W. FRAME WINDOW
W3	48'x122'	T.W. FRAME WINDOW
V	28'x8'	T.W. LOUVERED VENTILATOR
V2	28'x8'	T.W. LOUVERED VENTILATOR

SPECIFICATIONS:

FOUNDATION:
 R.C. COLUMN FOUNDATION AND TIE (PLINTH) BEAMS OVER A BED OF P.C.C 1:4:8 SAND CUSHIONS

SUPER STRUCTURE:
 115 THK. INTERNAL & 230 THK EXTERNAL WALLS IN CM 15 WITH PLASTER IN CM 15

RCC WORK:
 R.C. COLUMNS, BEAMS, SLABS, INTELS, AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED

FLOORING:
 MOSAIC FLOORING

WEATHERING COURSE:
 ONE SET OF BRICK JELLY LIME CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE.

NOTE:
 UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED

COLOUR CODE REFERENCE

PROPOSED WORK	<input type="checkbox"/>
EXISTING ROAD	<input type="checkbox"/>
BOUNDARY LINE	<input type="checkbox"/>
SEWER LINE	<input type="checkbox"/>

SIGNATURE OF STRUCTURAL ENGINEER

C. Ramaswami
 SIGNATURE OF OWNER

R. Rajasekaran
J. RAJASEKARAN
 REGD. ARCHITECT
 C.A. No. 03/32397
 25, Venkateshwara Colony,
 2nd Street, M.M.C. Chennai-51.

SIGNATURE OF LICENSED SURVEYOR

PROPOSED CONSTRUCTION OF ITPARK COMPLEX AT 137 AND 137 B AS PER OLD SURVEY NO. & NEW S.NO :137B/3A1 AS PER PATTA IN SAIDAPET TALUK TALUK, CHENNAI MGR DISTRICT, ST. THOMAS MOUNT PANCHAYAT, KARAPAKKAM VILLAGE, DOOR NO. 1A-7 OLD MAHABALIPURAM ROAD, KARAPAKKAM, CHENNAI - 600096.

4

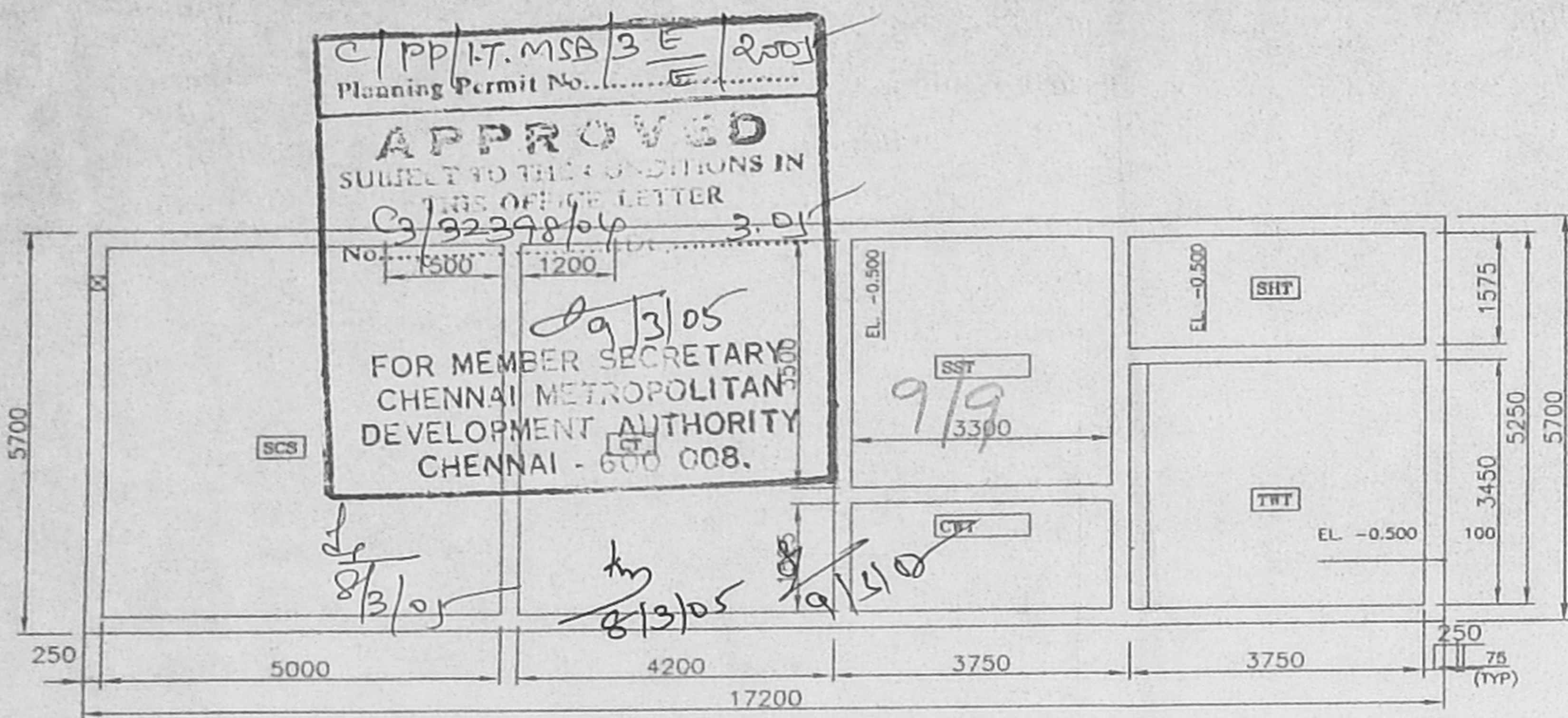
SCALE: 1:100

DATE: 04-12-04

DRN: PRASANA

Revised plan dr: 23-05

DETAILS OF SEWAGE TREATMENT PLANT



EQUIPMENT LAYOUT
(200 M³ /DAY)

TAG.No.	DESCRIPTION	SIZE	QTY	MOC	REMARKS
ADP	ALUM DOSING TANK	100 Ltr	1No.	HDPE	
HDT-1	HYPO DOSING TANK-1	100 Ltr	1No.	HDPE	
HDT-2	HYPO DOSING TANK-2	100 Ltr	1No.	HDPE	
FP	FILTER PRESS	315x315(15 PLATES)	1No.	PP	
FFFP	FILTER PRESS FEED PUMP	1m ³ /hr @50mWC	1No.	CI	
ACF	ACTIVATED CARBON FILTER	ø1200x2000 HOS	1No.	MS	
PSF	PRESSURE SAND FILTER	ø1400x1500 HOS	1No.	MS	
FFP 1/2	FILTER FEED PUMP	8.5m ³ /hr @30mWC	2Nos.	CI	
SFP	SLUDGE FEED PUMP	2m ³ /hr @8mWC	1No.	NORYL	SUBMERGE
AB 1/2	AIR BLOWER	200m ³ /hr @4.0mWC	2Nos.	CI	
STP 1/2	SEWAGE TRANSFER PUMP	8.5m ³ /hr @8mWC	2Nos.	SS	SUBMERGE
BS	BAR SCREEN	1046x1900 HOS	1No.	MSEP	

TAG.No.	DESCRIPTION	SIZE	QTY	MOC	REMARKS
LIST OF MECHANICAL EQUIPMENTS					
LAB	LABORATORY	2260x3000x3500 Ht	1No.	BRICK	
MCC	MCC ROOM	2500x3000x3500 Ht	1No.	BRICK	
TWT	TREATED WATER TANK	3750x3200(4000SWD+1000FB)	1No.	RCC	
SHT	SLUDGE HOLDING TANK	3750x1575(4000SWD+1000FB)	1No.	RCC	
CWT	CLARIFIED WATER TANK	2700x1275(3400SWD+1600FB)	1No.	RCC	
SST	SECONDARY SETTLING TANK	2700x3500(3700SWD+1300FB)	1No.	RCC	
CT	CHEMPAC TANK	4000x5000x(4000SWD+1000FB)	1No.	RCC	
SCS	SEWAGE COLLECTION SUMP	5000x5000x(3000SWD+2000FB)	1No.	RCC	
BSC	BAR SCREEN CHAMBER	1500x1000x(500SWD+1500FB)	1No.	RCC	

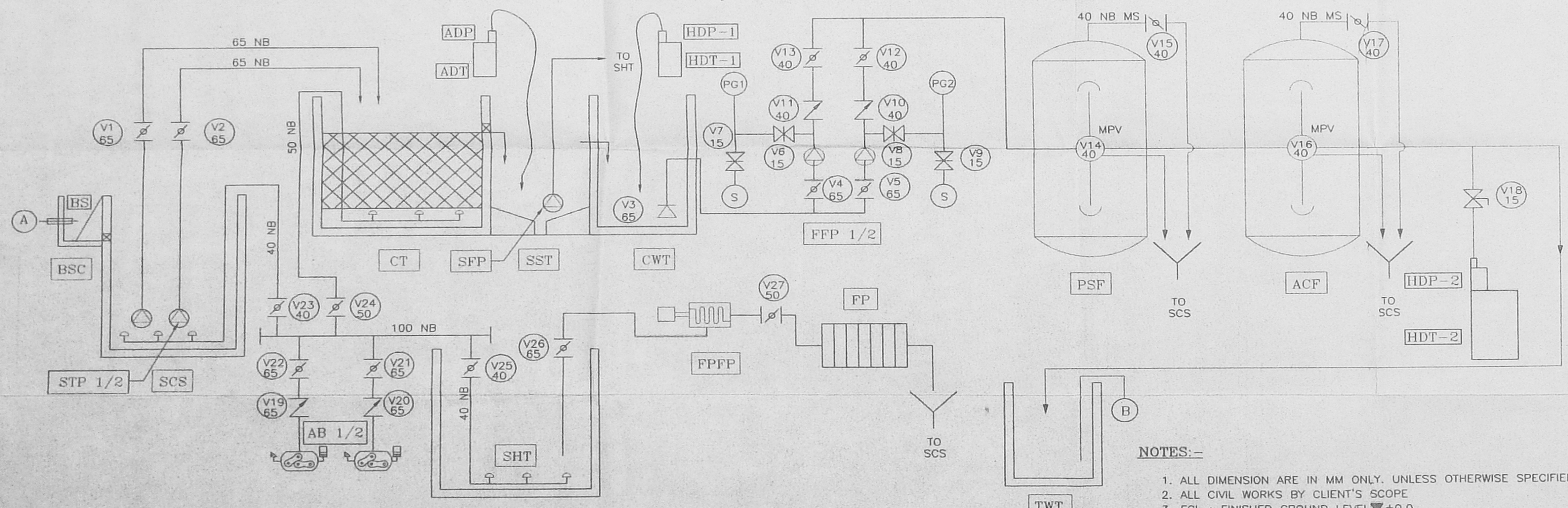
TAG.No.	DESCRIPTION	SIZE	QTY	MOC	REMARKS
LIST OF CIVIL EQUIPMENTS					

SCHEDULE OF JOINERY			
TYPE	WIDTH	HEIGHT	DESCRIPTION
M0	ø1120	1020	1.5M MAN DOOR
D1	ø1200	1020	1.5M DOOR
F0	1020	1020	1.5M FRENCH DOOR
F1	1020	1020	1.5M FRENCH DOOR
W1	1020	1020	1.5M FRAME WINDOW
W2	1020	1020	1.5M FRAME WINDOW
W3	1020	1020	1.5M FRAME WINDOW
V1	600	200	1.5M COVERED VENTILATOR

SPECIFICATIONS:
FOUNDATION:
 R.C COLUMN FOUNDATION AND 110 Ø R.I. BEAMS OVER A BED OF P.C.C. 140 SAND CUSHIONS.
SUPER STRUCTURE:
 110 THK. INTERNAL & 230 THK. EXTERNAL WALLS IN CM 15 WITH PLASTER IN CM 15.
P.C.C. WORK:
 P.C. COILING, BEAMS, SLABS, LINTELS, AND SURCHARGES IN 1:0.4:10 MIX. ADEQUATELY REINFORCED.
FLOORING:
 MOSAIC FLOORING.
WEATHERING COURSE:
 ONE SET OF BRICK, JELLY LINE CONCRETE MIXED WITH CRUDE OIL, POINTED AND LAID TO SLOPE.
NOTE:
 UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

- LEGEND**
- ⊘ - NON RETURN VALVE
 - ⊘ - BUTTERFLY VALVE
 - ⊘ - NEEDLE VALVE
 - ⊘ - BALL VALVE
 - ⊘ - PRESSURE GAUGE
 - ⊘ - SEWAGE INLET
 - ⊘ - TREATED OUTLET
 - ⊘ - MULTIPORT VALVE
 - ⊘ - SUBMERGIBLE PUMP
 - ⊘ - FOOT VALVE

COLOUR CODE REFERENCE	
PROPOSED WORK	▭
EXISTING ROAD	▭
BOUNDARY LINE	▭
SEWER LINE	▭



PROCESS & INSTRUMENTATION DIAGRAM

- NOTES:-**
1. ALL DIMENSION ARE IN MM ONLY, UNLESS OTHERWISE SPECIFIED.
 2. ALL CIVIL WORKS BY CLIENT'S SCOPE
 3. FGL : FINISHED GROUND LEVEL ±0.0

SIGNATURE OF STRUCTURAL ENGINEER
A. Chandrasekhar

SIGNATURE OF OWNER
R. Rajasekaran

J. RAJASEKARAN
 REGD. ARCHITECT
 C.A. No: 03/32277.
 25, Venkateshwar Colony,
 2nd Street, T. Nagar, Chennai-600 017.

PROPOSED CONSTRUCTION OF ITPARK COMPLEX AT 137 AND 137 B AS PER OLD SURVEY NO. 8 NEW S. NO. 157B/3A1 AS PER PATTI IN SAIDAPET TALUK TALUK CHENNAI MGR DISTRICT, ST. THOMAS MOUNT PANCHAYAT, KARAPAKKAM VILLAGE, DOOR NO 147 OLD MAHALIPURAM ROAD, KARAPAKKAM, CHENNAI - 600096.

North

5

SCALE: 1:100

DATE: 23-05-05

DWR: J. RAJASEKARAN