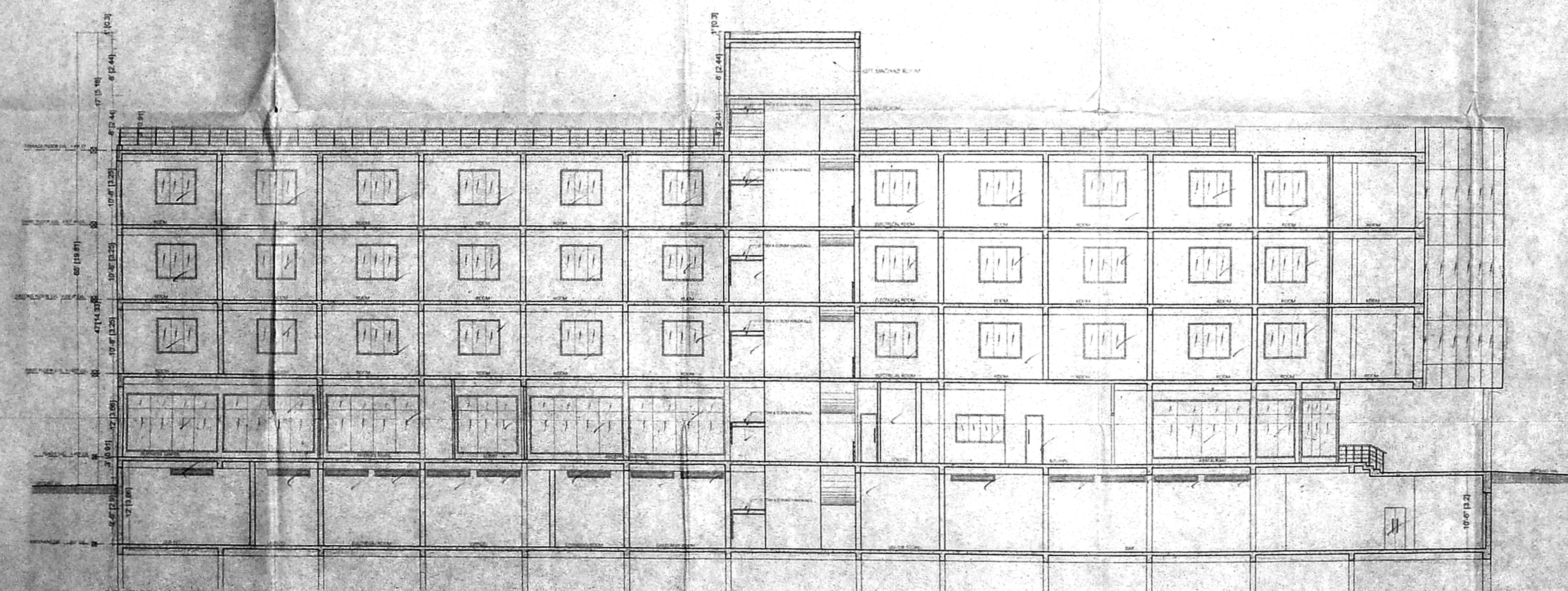


SOUTH ELEVATION



SECTION A-A

அலுவலகப் பாடி
 கட்டிட அலுவலகப் பாடி அமைப்பு
 B. சிவசுந்தரன் / 33, C. P. Road
 கம்பனி கட்டிடப் பாடி
 உருவியல் திட்டம்
 சென்னை கட்டிட அலுவலகம்
 சென்னை - 600 008

PROPOSED HOTEL BUILDING SURVEY AT
 NO. 488 1A, OLD MAHABALPURAM ROAD,
 SHOLINGANALLUR VILLAGE,
 TAMBARAM TALUK,
 KANCHIPURAM DISTRICT,
 SOUTH MADRAS.

அகத்திய அட்டை No. III
 திகதி: 15-02-46
 செ. அ. வ. எ. எ. 125/23/50
 உ. ப. எ. எ. 125/23/50
 ச. அ. வ. எ. எ. 125/23/50
 உ. ப. எ. எ. 125/23/50

102x62

SPECIFICATIONS

- R.C.C COLUMN FOOTING & FOUNDATION
- R.C.C. FRAMED STRUCTURE
- SAND FILLING IN BASEMENT
- P.C.C. IS 80 IN BASEMENT
- R.C.C LINTELS & SLABS IN 1:24
- WEATHERING COURSE LEAD TO PROPER SLOPE

SCHEDULE OF WORKS

S.NO	TYPE	DESCRIPTION	SIZE
1	MD	MAIN GLASS DOOR	8'0" X 7'0"
2	D1	GLASS DOOR	3'0" X 7'0"
3	D2	FLUSH DOOR	3'0" X 7'0"
4	D3	FLUSH DOOR	2'6" X 7'0"
5	D3	FLUSH DOOR	3'0" X 7'0"
6	MD	METAL DOOR	3'6" X 7'0"
7	W	WINDOW - 6	14'0" X 6'0"
8	W1	WINDOW	6'0" X 6'0"
9	V	VENTILATOR	2'0" X 2'0"
10	SD	STRUCTURAL GLAZING	

ALL DIMENSIONS ARE IN FEET & METRES

OWNER'S SIGNATURE
 For BALCHANDRA BUILDERS PVT. LTD.
 Managing Director

ARCHITECT'S SIGNATURE
 N.A. RAJAN NAYANAR
 B.A., A.I.A., M.C.A.
 ARCHITECT & SURVEYOR
 CO. NO. 1127
 17, 2nd TRINITY ROAD, CHENNAI - 28
 PHONE - 52101883

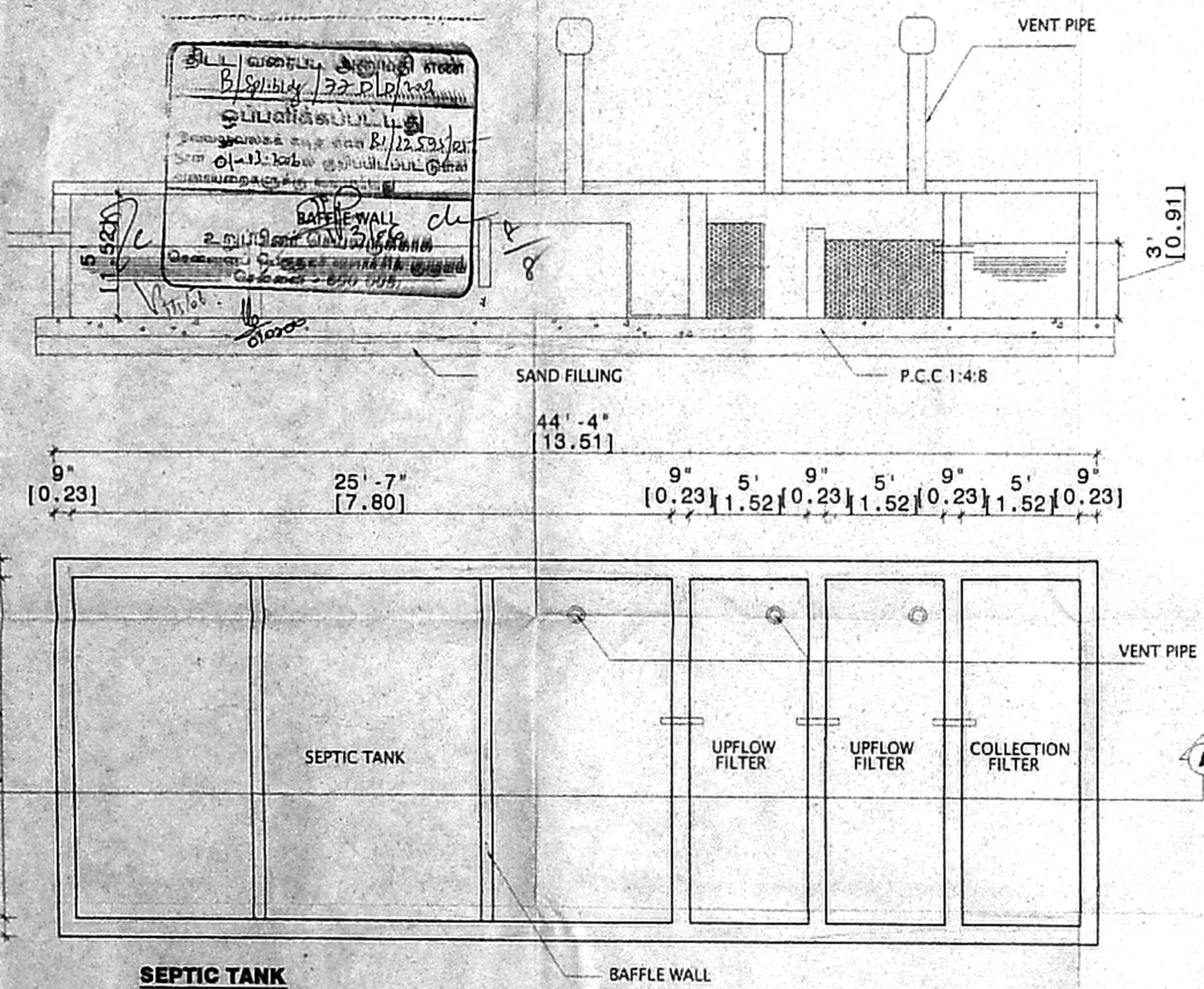
SEPTIC TANK CALCULATION

COMMERCIAL AREA OF 2083.38 SQ.M
 HAS BEEN EQUATED TO 2083.38
 NO OF USERS
 NO OF USERS = 42 X 5 = 210 NOS.
 AS PER GOVT OF INDIA MANUAL ADOPTING A PEAK FACTOR OF 6
 PEAK DISCHARGE = 6X2X42 = 504 LITERS/MINUTES
 RATION ASSUMED = 1:3
 CO.EFF = 0.92
 SURFACR AREA OF SEPTICTANK = 504 X 0.92/10 = 46.368 SAY 50 SQ.M
 PROVIDED = 7.8 X 4.27 X 1.52 M

LIQUID DEPTH
 VOLUME OF SEDIMENTATION = 50 X 0.3 = 15.00
 VOLUME OF SLUDE STORAGE = 215 X 0.0002 X 36.5 = 1.56
 VOLUME OF DIGESTION = 215 X 0.032 = 6.88
 TOTAL VOLUME = 23.44
 LIQUID DEPTH = VOLUME / SURFACE AREA = 23.44 / 47.40 = 0.49
 INTEL PIPE INVERT ASSUMING A GRADENT OF 1 TO 80
 STATING FROM FIRST CHAMBER = 0.61M
 TOTAL LIQUID DEPTH = 0.49 + 0.61 = 1.1M
 SAY = 1.2M
 SIZE OF TANK = 12.2 X 4.2 X 1.5

UPFLOW FILTERS
 No of Users = 215 Nos
 Volume of liquid = 215 x 0.045
 Depth = 1.1M - 0.3 = 0.8
 Area of filters = 9.675 = 12sq.M say 12.5sq.M
 Over all Size = 4 x 3.2 x 1.2
 Upflow Filter = 4 x 3.2 x 1.00
 Upflow Filter = 4.56 x 4.27 x 0.9m

அலுவலகப் படி



PROPOSED SERVICE APARTMENTS AT
 NO. 456 1A, OLD MAHALIPURAM
 ROAD, SHOLINGANALLUR VILLAGE,
 TAMABARAM TALUK,
 KANCHIPURAM DISTRICT,
 SOUTH MADRAS.

திருத்திய வரைபடம்
 நாள் 15-11-04
 செ. பெ. வ. கு. (பி) சின்
 த. எண் 21-12593/04
 உதவியாளர்
 அந்தரயவு
 1.2
 உதி.அ. 61x45 சூ.தி.ச

SPECIFICATION	
1.	R.C.C COLOUMN FOOTING IN FOUNDATION
2.	R.C.C FRAMED STRUCTURE
3.	SAND FILLING IN BASEMENT
4.	P.C.C 1:5:10 BASEMENT
5.	R.C.C LINTELS & SLABS IN 1:2:4
6.	WEATHERING COURSE LAID TO PROPER SLOPE

SCALE 1"=4'0"	DRAWING TITLE	N ▲
	SEPTICTANK WITH UPFLOW FILTERS	
DRG.NO. 04		

ALL DIMENSIONS ARE IN FEET & METRES

OWNER'S SINATURE
 For BALCHANDRA BUILDERS PVT. LTD.
 T.A.R.
 Managing Director

CLASS I LICENSED SURVEYOR
 N.A. RANJAN NAVAMANEE
 B.Arch., A.I.A., M.C.A.
 ARCHITECT LICENSED SURVEYOR
 COUNCIL REG. No. CA/90/13127
 CORPORATION OF CHENNAI
 REG. No. WD/D/1606/90
 67, 2nd TRUST MAIN ROAD, CHENNAI - 28.
 PHONE : 52101865