

Planning Permit No. C/PP/83-A/19/5
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
 No. C/5806/95 Date - 5-95
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 MADRAS - 600 008.

W. Venigopal
Er. K. VENIGOPAL, Ret. A.E.E.
 COF OF MADRAS
Civil & Sanitary Engineering Consultant
Licensed Surveyor, Class-1 No. 320
Licensed Plumber, Class-1 Metro Water
 Sewerage No. Water Supply No.
 B, Neelakandan Street, Nungambakkam (Laka Area)
 Backside of Corporation Girls Higher Secondary School
 MADRAS 300 034.

R. Plan
 15/3/85

FOR OFFICE USE:

PLAN SHOWING THE SITE PLAN TO THE EXISTING 110/33/11.KV
 SUB-STATION, MADRAS ELECTRIC SYSTEM, IN S.No.338 PART &
 394 PART AT KODAMBAKKAM VILLAGE, K. K. NAGAR
 CHENGALPUT M.G.R. DISTRICT & TALUK SCALE 1" = 33'

AREA TABLE

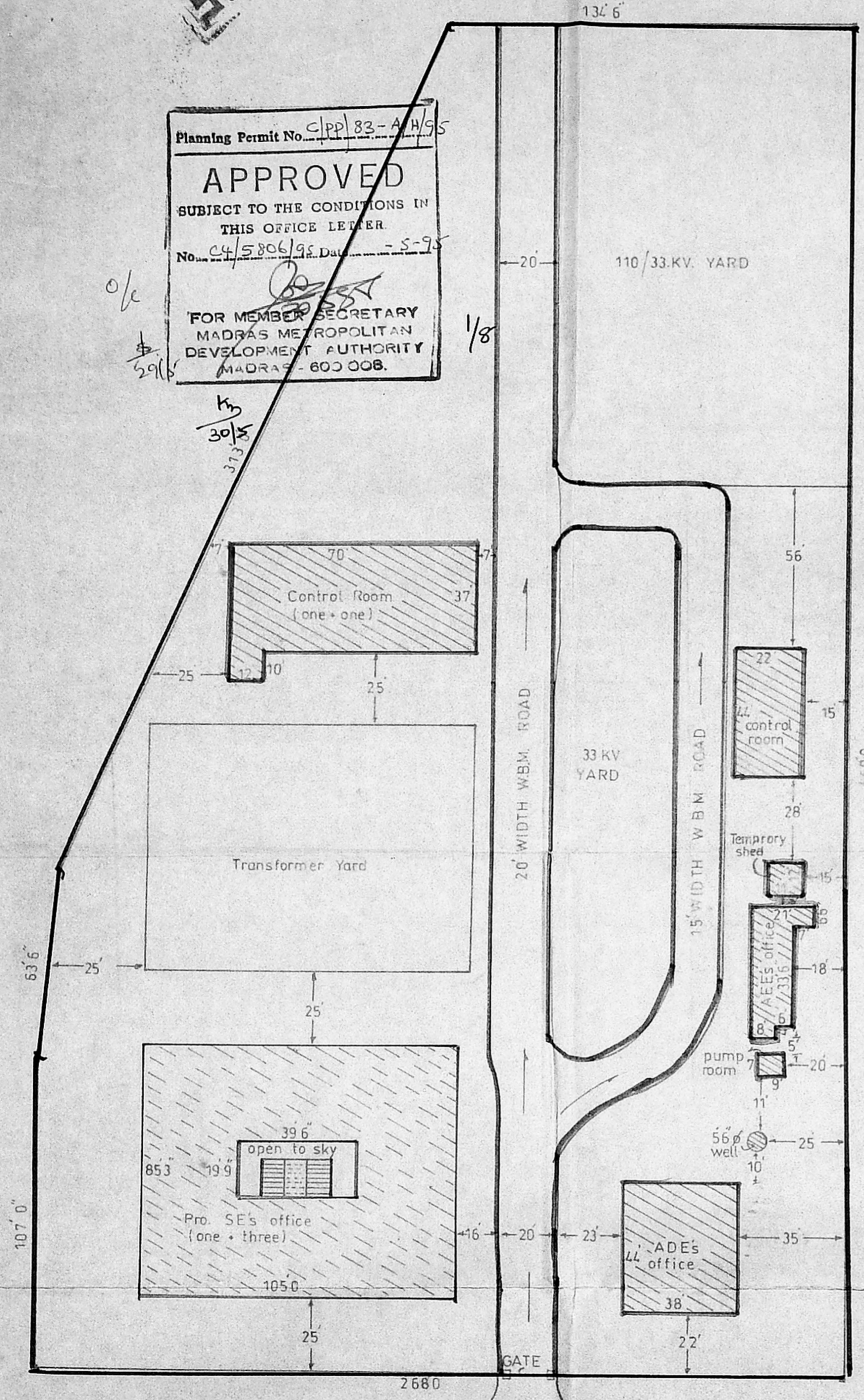
1. Area of the SITE — 99,993. sq. ft.
2. Floor area of the Exi. A-D-E'S office — $44'0 \times 38'0 = 1672$ sq. ft
(G-Floor, R.C.C. roof)
3. Floor area of the exi. PUMP ROOM (R.C.C. roof) — $7'0 \times 9'0 = 63$ sq. ft
4. Floor area of the exi. AEE'S office — $(4'0 \times 8'0) + (14'0 \times 33'6) + (17'0 \times 6'6)$
(A.C. sheet roof) = 546.5 sq. ft
5. Floor area of the exi. Temporary A.C. sheet shed — $11'0 \times 12'0 = 132$ sq. ft
6. Floor area of exi. Control room (western side) — $44'0 \times 22'0 = 968$ sq. ft
(R.C.C. roof)
7. Floor area of the exi. Control room (Eastern side) — $(37'0 \times 7'0) + (10'0 \times 12'0)$
(G.F & F. Floor R.C.C. roof) = 2710. sq. ft
8. Floor area of the Proposed S.E'S office — = 8468. sq. ft
(One + Three floor, R.C.C. roof.)

ALL DIMENSIONS ARE IN FEET.

NOTE:

- Site plan
- Exi. R.C.C. Roof
- Exi. A.C. Sheet roof
- Exi. W.B.M. Road
- Proposed R.C.C. Building

DRAWN BY	CHECKED BY	PASSED BY

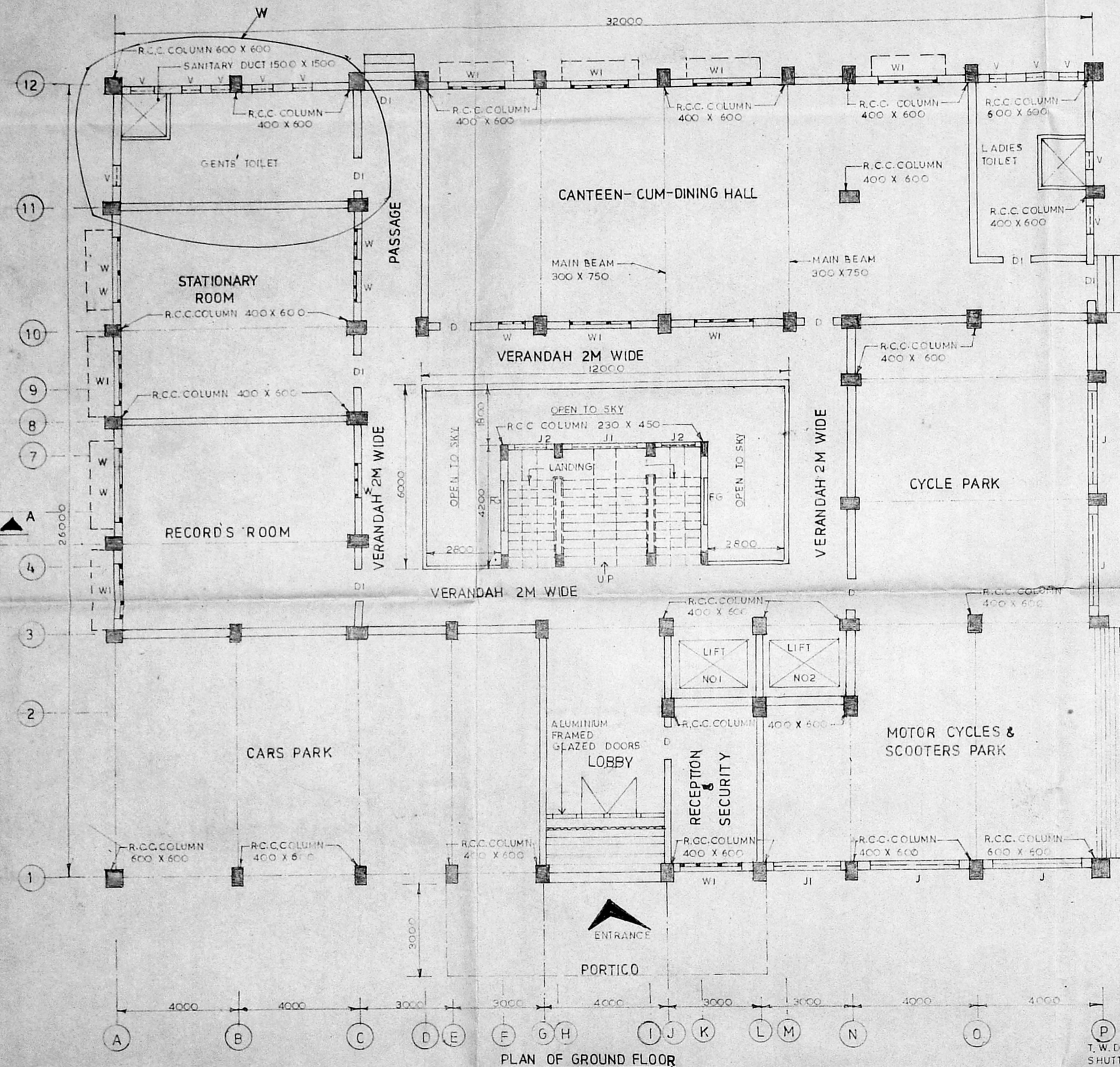


SITE PLAN scale : 1 inch = 33 feet

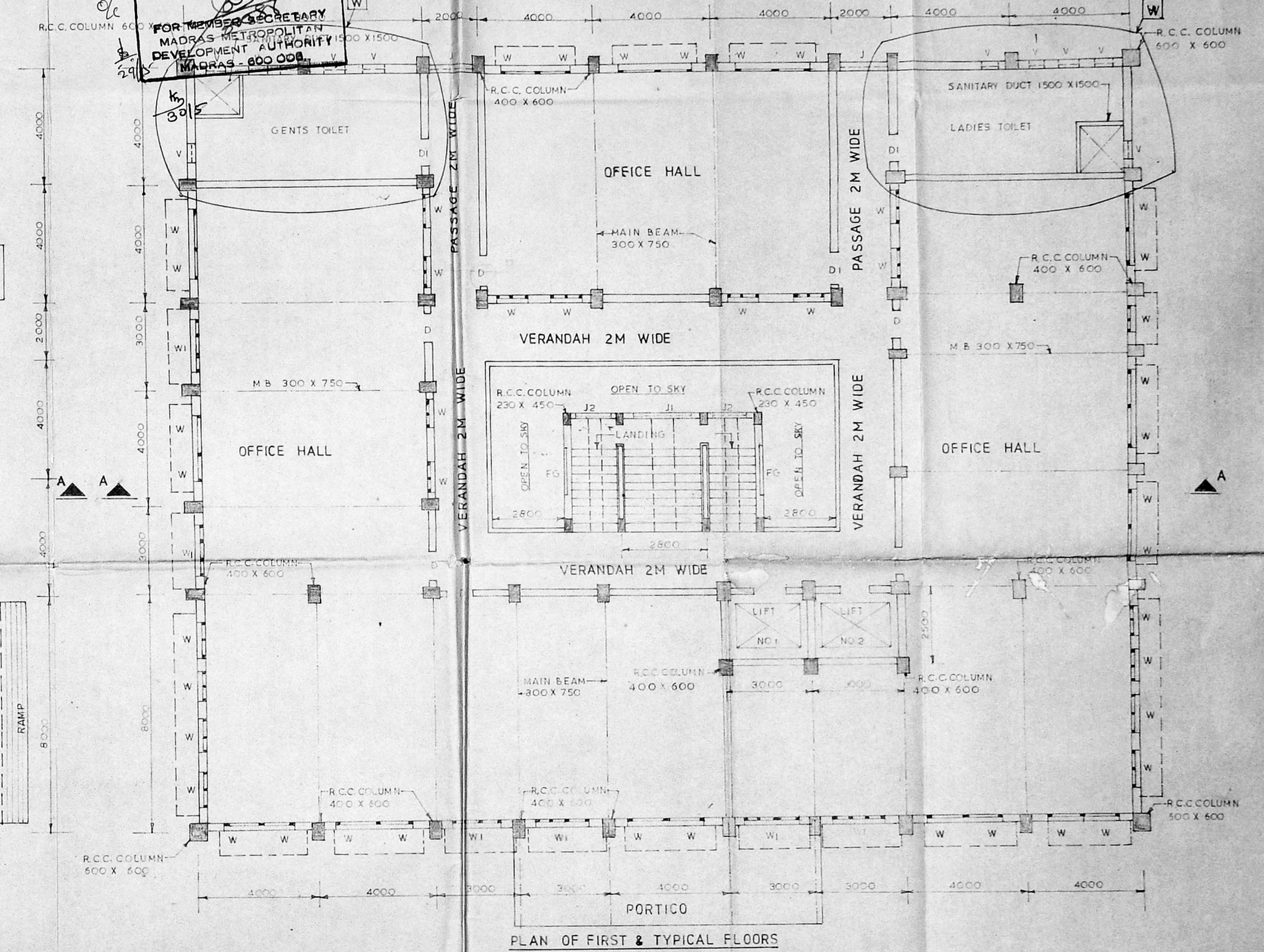
A. R. ...
 Assistant Executive Engineer
 TRANSMISSION LINE CONSTRUCTION
 TAMILNADU ELECTRICITY BOARD
 K. K. NAGAR, MADRAS-600 078

R. ...
 Assistant Engineer / I/P
 TRANSMISSION LINE CONSTRUCTION
 TAMILNADU ELECTRICITY BOARD
 K. K. NAGAR, MADRAS-600 078

Planning Permit No. C/P/83-B/4/95
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER
 No. C4/5806/95 Date 5-95
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 MADRAS - 600 008



PLAN OF GROUND FLOOR



PLAN OF FIRST & TYPICAL FLOORS

SCHEDULE OF DOORS & WINDOWS

T.W. DOOR FRAMES WITH T.W. SHUTTERS (DOUBLE LEAVES)	D 1300 X 2400
T.W. DOOR FRAMES WITH T.W. SHUTTERS (SINGLE LEAF)	D1 990 X 2000
T.W. DOOR FRAME WITH T.W. SHUTTERS (SINGLE LEAF)	D2 750 X 2000
ALUMINIUM DOOR FRAME WITH GLAZED ALUMINIUM DOOR (DOUBLE LEAVES)	AD 2000 X 2500
STEEL WINDOWS WITH VENTILATORS GLAZED	W 1180 X 1480
STEEL WINDOWS WITH VENTILATORS GLAZED	W1 1780 X 1480
STEEL VENTILATOR GLAZED	V 600 X 450
R.C. JOLLY	J 3140 X 600
R.C. JOLLY	J1 2110 X 2350
R.C. JOLLY	J2 1110 X 2950
FIXED GLASS	FG 2000 X 1800

NOTE

1. ALL DIMENSIONS GIVEN ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. PLINTH AREA PER FLOOR 78.7 m² (APX)
3. FOR REVISION 1 REFER DRG. NO. CD.69 R4 SHEET 2/2

THIS DRAWING IS FOR CONSTRUCTION PURPOSE

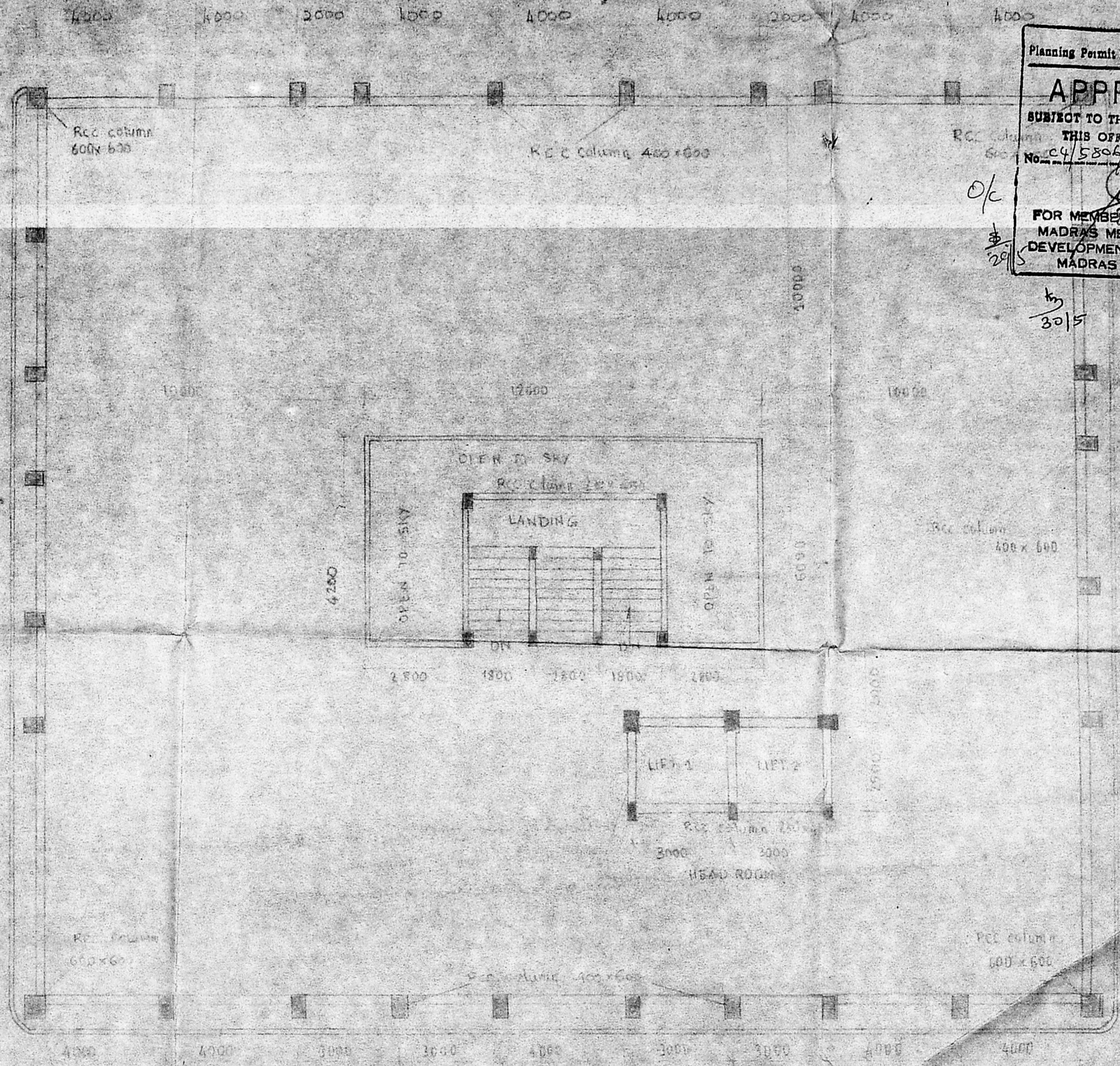
Er. K. Venugopal, Rtd. A.E.E.
 CORPORATION OF MADRAS,
 Civil & Sanitary Engineering Consultants
 Licensed Surveyor, Class-1 No. 320
 Licensed Plumber, Class-1 Metro Water
 Sewerage No. Water Supply No.
 3, Nallakonda Street, Nungambakam (Laka Street)
 Backside of Corporation Girls Higher Secondary School
 MADRAS - 600 034.

Assistant Executive Engineer
 TRANSMISSION LINE CONSTRUCTION
 TAMILNADU ELECTRICITY BOARD
 K. K. NAGAR, MADRAS-600 078

10/24/89
 SE/CIVIL DESIGNS

10/17/89
 CE/CIVIL DESIGNS

NATURE OF TRACING	REVISION	REVISION 4	REVISION 3	REVISION 2	DRAWN M.R.D. H.D.	TAMIL NADU ELECTRICITY BOARD	DRG. NO. CD.69 R4 SHEET 1/2
TRUE COPY	1 PORTICO INCLUDED IN THE PLAN OF FIRST & TYPICAL FLOORS. 2 COLUMN N-10 INCLUDED IN G.F. PLAN AND SAME IS REORIENTED IN THE PLAN OF FIRST AND TYPICAL FLOORS. 3 JOLLY INCLUDED BETWEEN COLUMNS L1&N1 IN G.F. PLAN. 4 THE ENTRANCE DOOR SHIFTED NEARER TO ROW 1 & ROLLING SHUTTER ADDED IN G.F. PLAN 5 FOR DETAIL 'W' REFER DRG. NO. CD.115. R2 ID/DT 19.5.93 ID/DT 19.5.93 ID/DT 19.5.93 ID/DT 20.5.93 ID/DT 21.5.93	1 STAIRCASE PATTERN AND ROOF CHANGED 2 JOLLY AND FIXED GLASS IN STAIRCASE ROOM ADDED 3 D2, J, J1, J2, V & FG ADDED IN SCHEDULE OF DOORS & WINDOWS 4 SIZE & LOCATION OF VENTILATORS IN TOILET BLOCKS CHANGED TO SUIT THE LOCATION OF CLOSETS PROPOSED.	1 BOX TYPE LOUVRES DELETED. 2 WINDOWS SHIFTED TOWARDS THE CENTRE AND ADDITIONAL WINDOWS PROVIDED 3 INCLINED FERROCEMENT DROPS PROVIDED AT LINTEL LEVELS.	AE	SE's OFFICE BUILDING AT ASHOK NAGAR		
COMPARED						PLAN OF GROUND FIRST AND TYPICAL FLOORS.	1 7.89
TRACED						SCALE	
						1:100	



Planning Permit No. C/PP/83-C/A/55

APPROVED

SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.

No. C4/5806/95 Date -5-95

FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY
MADRAS - 600 008.

O/c

30/5

3/8

30/5

M. Venugopal

Er. K. VENUGOPAL, M.A., A.E.E.,
CORPORATION OF MADRAS
Civil & Sanitary Engineering Consultant
Licensed Surveyor, Class-I No: 320
Licensed Plumber, Class-V Metro Water
Sewerage No. Water Supply No.
3, Neelakandan Street, Nungimankulam (Lake Area)
Backside of Corporation Girls Higher Secondary School
MADRAS 500 034.

NOTE:
1. All dimensions given in mm
2. Plinth Area = 75.14 (approx)

TRUE COPY

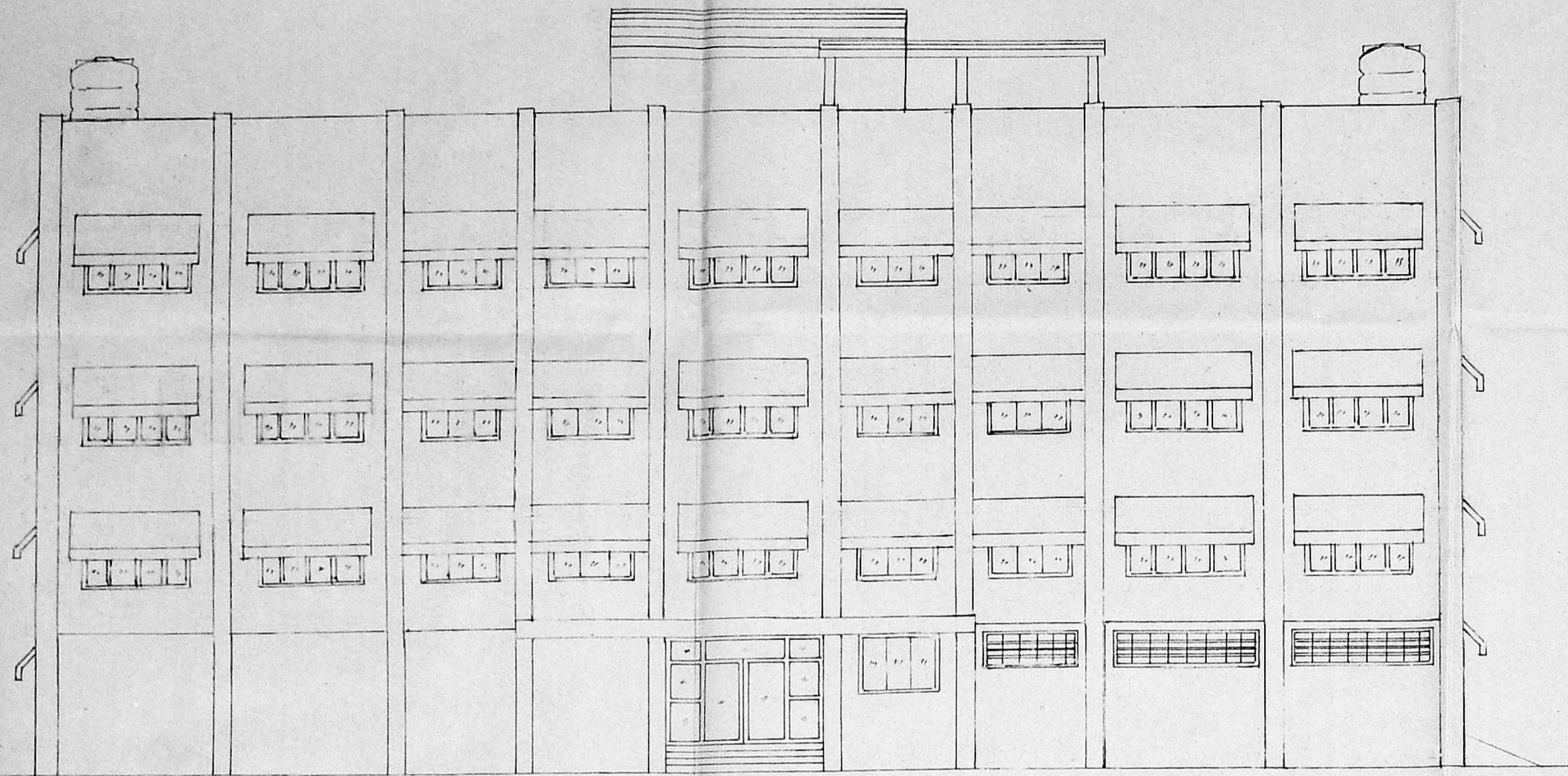
M. Venugopal
Assistant Executive Engineer
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

M. Venugopal
Assistant Engineer II
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

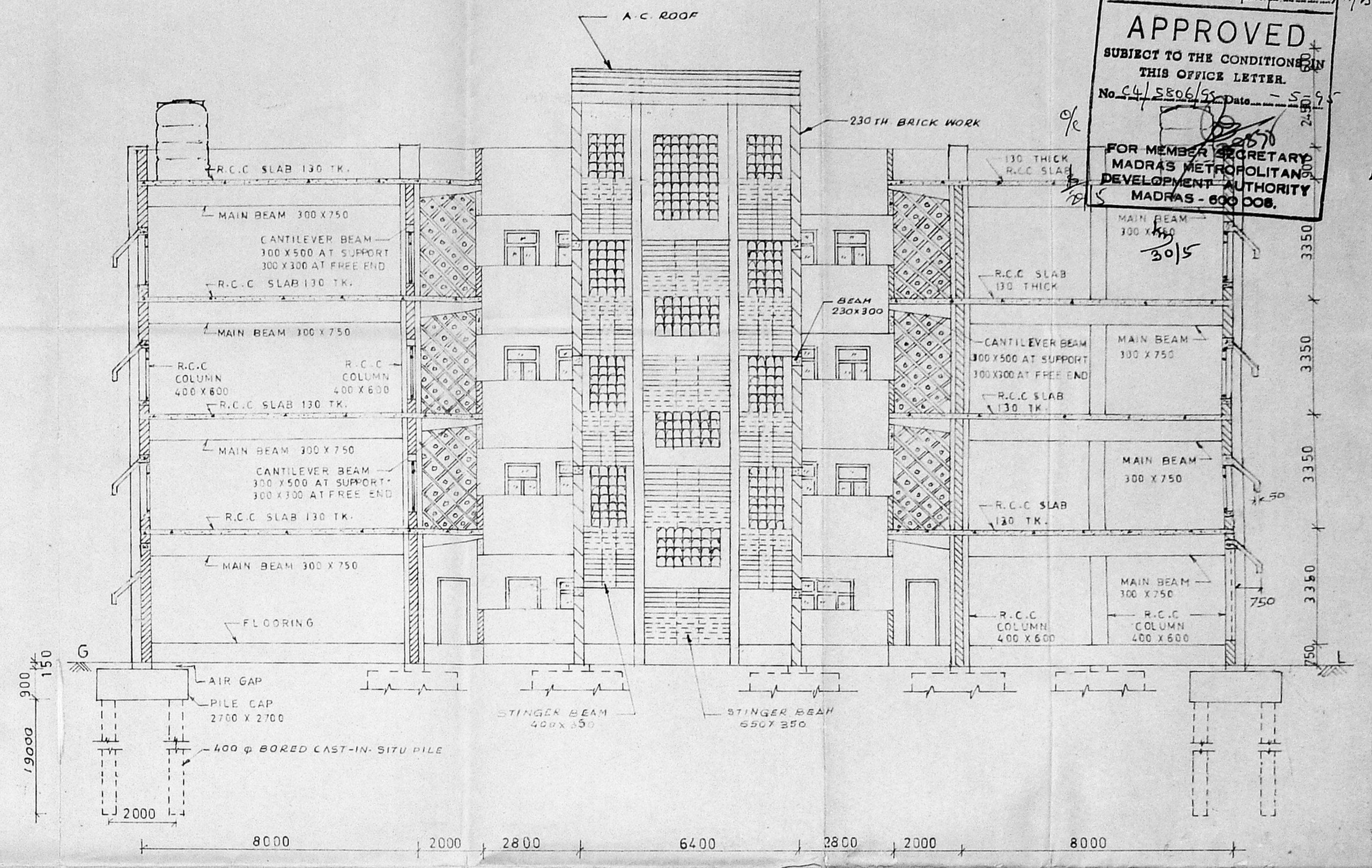


Planning Permit No. CP/83-D/1/55
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
 No. 4/5806/55 Date 2.5.55
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 MADRAS - 600 008.

4/8



FRONT ELEVATION



SECTION ON A-A

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS OTHER THAN SPECIFIED.
2. FOUNDATION: UNDERREADED FOUR PILE GROUP WITH SINGLE BULB 9M. DEPTH
3. SUPERSTRUCTURE: R.C.C. FRAMED STRUCTURE WITH COLUMNS, BEAMS AND SLABS. R.C.C. 1:2:4 WITH 12 TO 20mm B.G. METAL. IN BETWEEN COLUMNS WILL BE OF BRICK WORK IN CM 1:3 230mm THICK FOR MAIN WALLS, CM 1:2, 115mm THICK FOR PARTITION WALLS.
4. FLOORING: P.C.C. 1:4:8 100mm THICK AND PLASTERING WITH CM 1:3 20mm THICK FOR G.F. AND PLASTERED WITH CM 1:3 12mm THICK OVER R.C.C. 1:2:4 IN UPPER FLOORS TO BE DONE INTEGRALLY.
TOILET: MOSAIC WITH DADOING. TOILET IN UPPER FLOORS TO BE DEPRESSED AND FINISHED 50mm BELOW GENERAL FLOOR LEVEL.
5. PARTITION WALLS FOR CABIN ROOM FOR OFFICERS IN UPPER FLOORS SHALL BE 115mm THICK AND SHALL NOT BE RAISED ABOVE 1.0M. IF NECESSARY THE GAP BETWEEN WALL AND FLOOR SHALL BE COVERED ONLY WITH LIGHT PARTITION AS DECIDED BY FIELD.
6. LINTEL CUM SUN SHADE: R.C.C. 1:2:4 LINTEL WITH FERRO CEMENT DROP AS SHOWN IN THE SECTION.
7. ROOFING: R.C.C. 1:2:4 MIX. 130mm THICK OVER WITH WEATHERING COURSE OF ONE LAYER OF PRESSED TILES EMBEDDED IN CM 1:3 SAND. POINTED WITH CM 1:3 MIX. WITH CRUDE OIL OVER A BED OF BRICK JELLY CONCRETE IN LIME 80mm THICK.
8. STAIR CASE: R.C.C. CANTILEVER STEPS FINISHED WITH 12mm THICK INSITU TOPPING WITH MARBLE CHIPS OVER 13mm THICK CM 1:3 BEDDING. TO BE PROVIDED OVER R.C.C. STINGER BEAM.
9. WATER TANK: WATER TANK OF SUITABLE SIZE MAY BE PROVIDED. LOCATION WILL BE INDICATED LATER.
10. WHITE WASHING: WALLS INSIDE WHITE WASHED WITH JANATHA CEM. OF TWO COATS AND OUTSIDE COLOUR WASHED WITH TWO COATS OF CEMENT PAINT OVER A BASIC COAT OF CEMENT PAINT.
11. PAINTING: ALL EXPOSED FACES OF DOORS SHALL BE PAINTED WITH TWO COATS OF APPROVED PAINT OVER A PRIMING COAT. ALL WOOD WORK EMBEDDED IN CONTACT WITH MASONRY SHALL BE PAINTED WITH TWO COATS OF SOLIGNUM BEFORE BEING FIXED.

12. GENERAL:
- (a) THE SALIENT FEATURES OF THE BUILDING LIKE YEAR OF CONSTRUCTION, NO. OF FLOORS FOR WHICH DESIGNED, LOAD ASSUMED AT FOUNDATION ETC. TO BE EXHIBITED IN A PROMINENT PLACE INSIDE BUILDING FOR FUTURE REFERENCE.
 - (b) THE FOUNDATION IS DESIGNED FOR GROUND + 5 FLOORS WITH IMMEDIATE CONSTRUCTION FOR G.F. + 3 FLOORS AS PER B.P.F.B. NO. 297 (TECH. BR. DATED 2-3-69).
 - (c) THE S.B.C. OF SOIL IS TAKEN AS 8.1M AS PER F.S. ENGINEER'S REPORT.
 - (d) THE REINFORCEMENT DETAILS OF SLABS, BEAMS, COLUMNS, STAIR CASE AND FOUNDATION WILL BE FURNISHED SEPARATELY.
 - (e) FOR DETAILS OF PRESENT ROOF PLAN SANITARY DETAILS OF LADIES AND GENTS TOILET REFER TO DRG. NO. CD 115.

THIS DRAWING IS FOR CONSTRUCTION PURPOSE

TRUE COPY

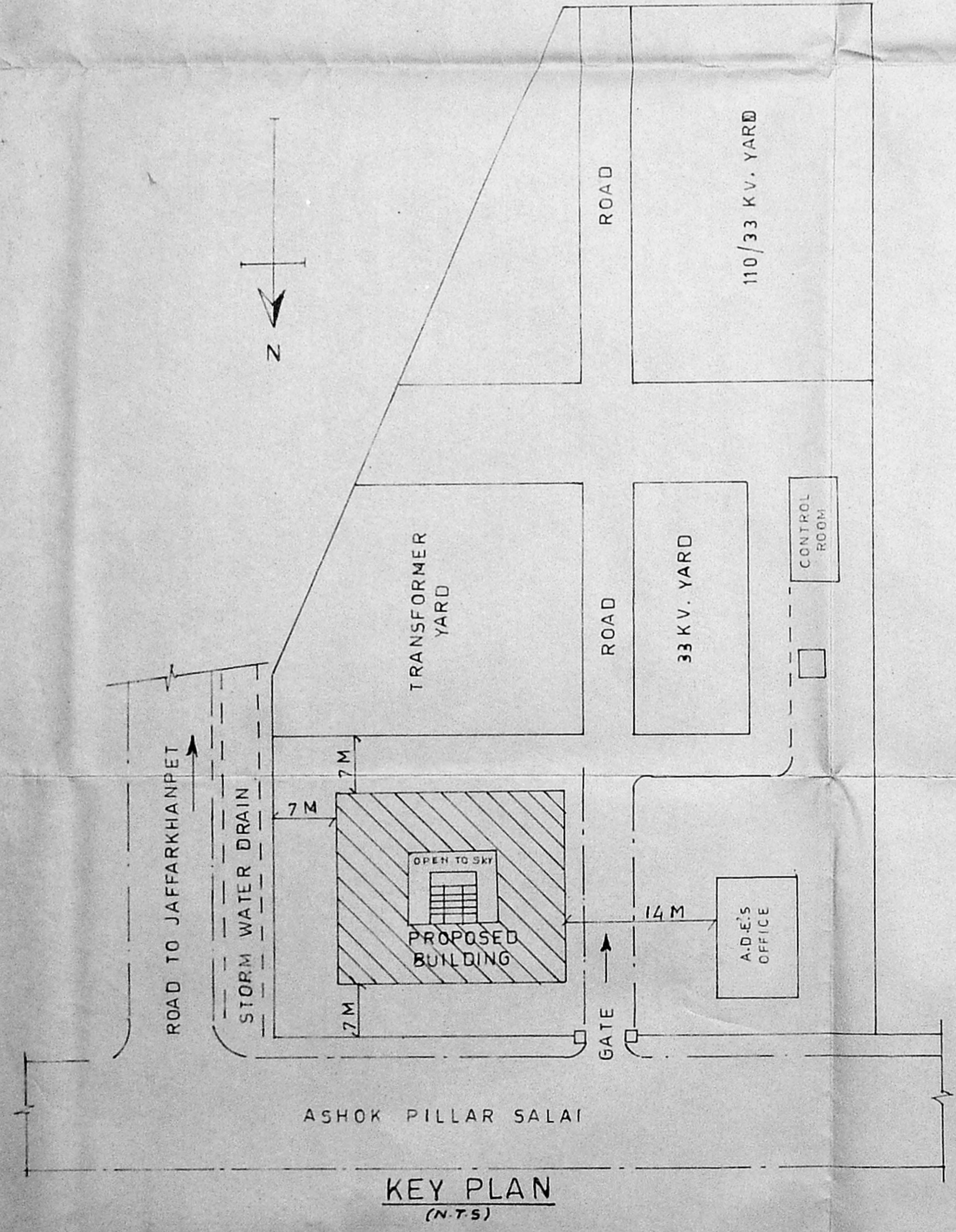
E-3
16/5/54
AEE-3

[Signature]
Mr. K. VENUGOPAL, M.A., A.E.,
 CORPORATION OF MADRAS
 Civil & Sanitary Engineering Consultant
 Licensed Surveyor, Class-1 No: 320
 Licensed Plumber, Class-1 Metro Water
 Sewerage No. Water Supply No.
 2, Neelambaram Street, Nungambakam (Lake Area)
 Backside of Corporation Girls Higher Secondary School
 MADRAS 600 034.

[Signature]
 Assistant Executive Engineer
 TRANSMISSION LINE CONSTRUCTION
 TAMILNADU ELECTRICITY BOARD
 K. K. NAGAR MADRAS-600 078

SD/ S. GOPALAN, DT. 24-6-89
SE/CD

SD/ C. F. BENEDICT, DT. 1-7-89
CE/CD



KEY PLAN (N.T.S)

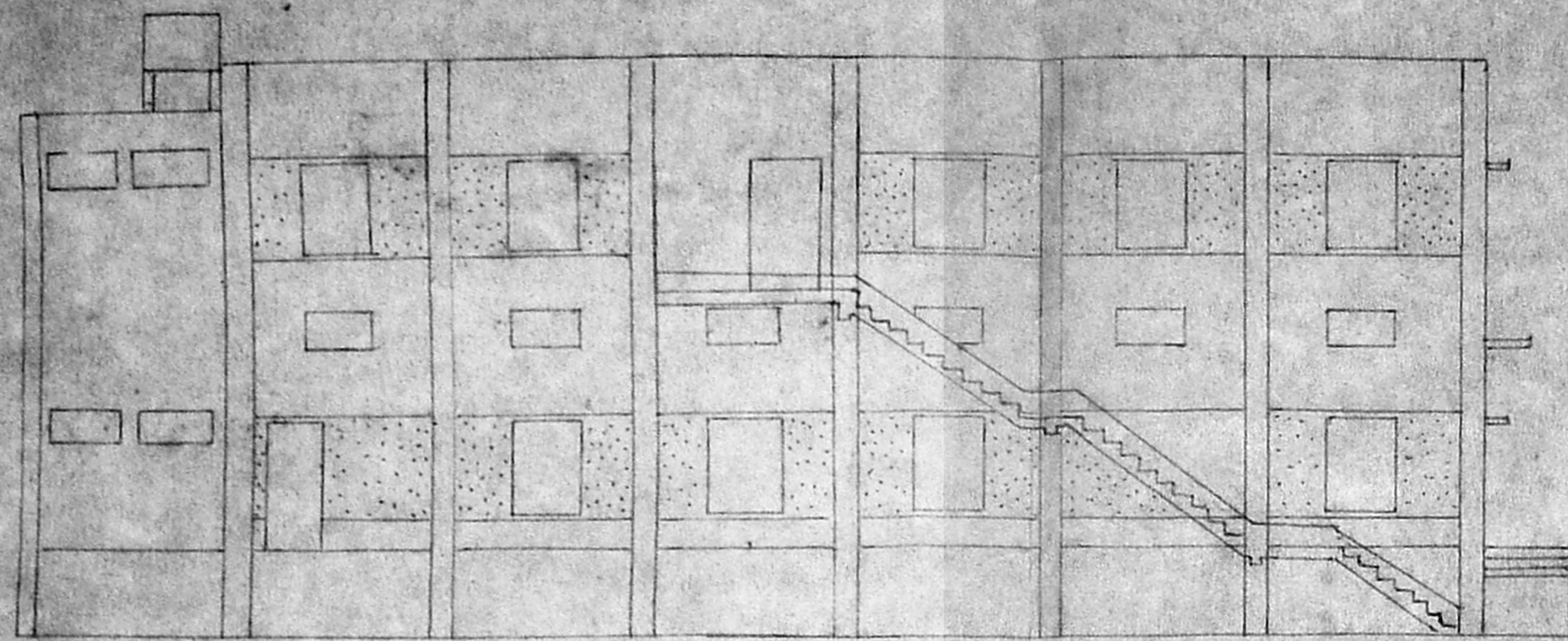
REVISION: 4
 1. IN NOTE 6 THE WORD 'CUDDAPPA SLAB' IS REPLACED BY THE PHRASE '12mm THICK INSITU TOPPING WITH MARBLE CHIPS OVER 13mm THICK CM 1:3 BEDDING' (VIDE DRG. CD 121).
 (10) K.H.H. DT. 19/5/83
AEE-4
 (10) K.J. DT. 19/5/83
AEE-4
 (10) R.S. DT. 19/5/83
AEE-3
 (10) A.R. DT. 20/5/83
SE/CT
 (10) P.K. DT. 21/5/83
CE/CD

REVISION-3 As per U.O. No. SE/CD/83/14/1 (ASHOK NAGAR) DATED 17.12.82
 1. STEPS, JOLLY, & BRICK WALL INCLUDED.
 2. STAIRCASE PATTERN, ROOF CHANGED & LIFT ROOM ADDED IN ELEVATION.
 3. SINTEX WATER TANK ADDED.
 4. ALL COLUMNS PROTECTED TO 1000mm ABOVE PRESENT FLOOR. RODS COATED WITH ANTI-CORROSION PAINT & FINISHED WITH LEAN MIX FOR FUTURE EXPANSION.
 5. TYPE & LENGTH OF WIRE CHANGED.
 6. NOTE 13. ADDED.
 (10) M.K.K. DT. 18/1/83
A.E.
 (10) R.S. DT. 18/1/83
AEE-4
 (10) R.S. DT. 18/1/83
EE-3
 (10) A.R. DT. 22/1/83
SE/CT
 (10) P.K. DT. 25/1/83
CE/CD

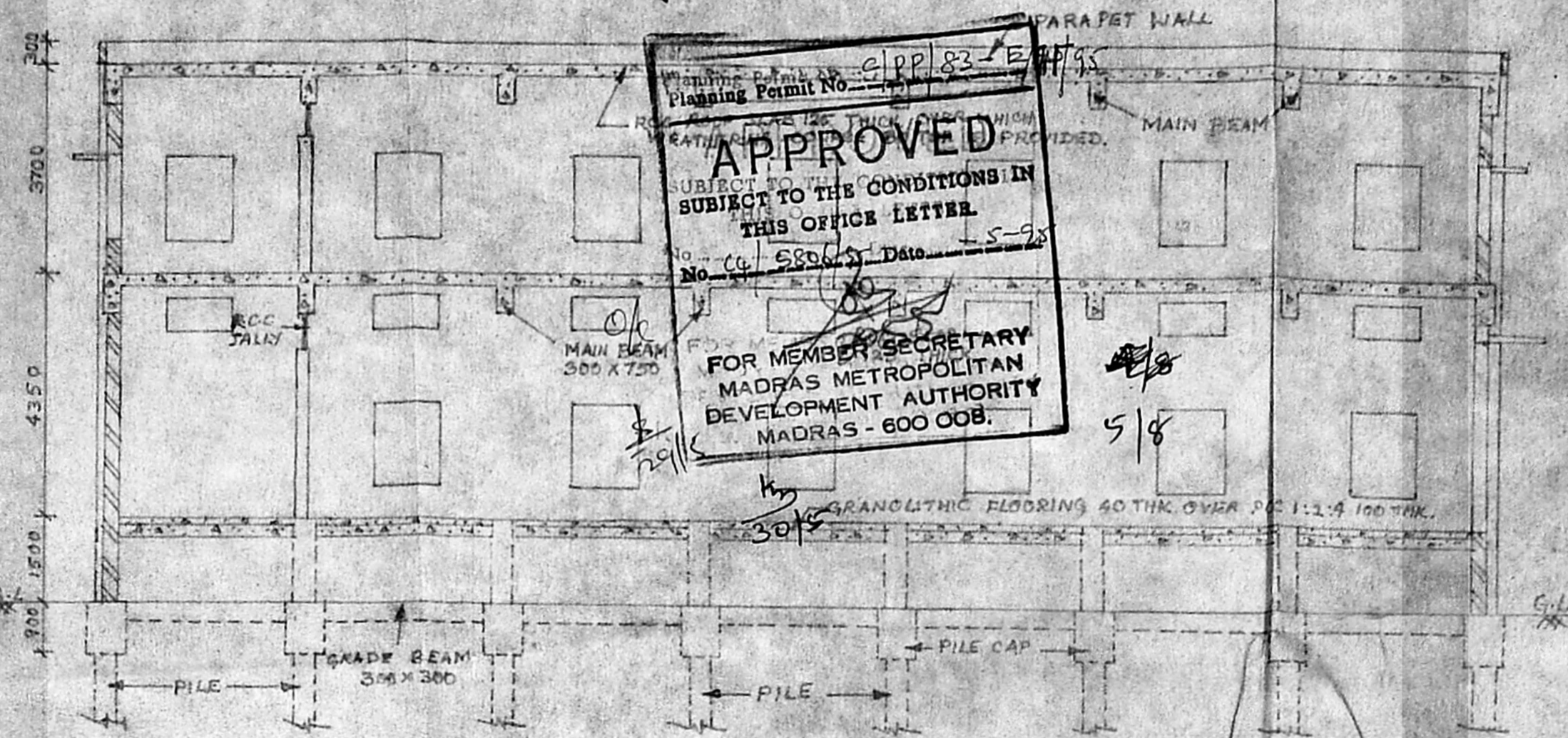
REVISION-2
 1. BOX TYPE WINDOWS DELETED
 2. WINDOWS SHIFTED TOWARDS THE CENTRE AND ADDITIONAL WINDOWS PROVIDED.
 3. INCLINED FERRO CEMENT DROPS PROVIDED AT LINTEL LEVELS
 (10) M.K.K. DT. 24/8/82
A.E.
 (10) K.J. DT. 24/8/82
AEE-4
 (10) R.S. DT. 24/8/82
EE-3
 (10) A.R. DT. 24/8/82
SE/CT-1
 (10) S.R. DT. 24/8/82
CE/CD

REVISION-1
 1. NOTES REVISED.
 2. TENTATIVE FOUNDATION DETAILS SHOWN IN SECTION A-A.
 3. HEAD ROOM FOR STAIRCASE INCORPORATED
 (10) M.K.K. DT. 10/1/83
A.E.
 (10) K.J. DT. 10/1/83
AEE-5
 (10) R.S. DT. 10/1/83
EE-4
 (10) A.R. DT. 10/1/83
SE/CD
 (10) S.R. DT. 10/1/83
CE/CD

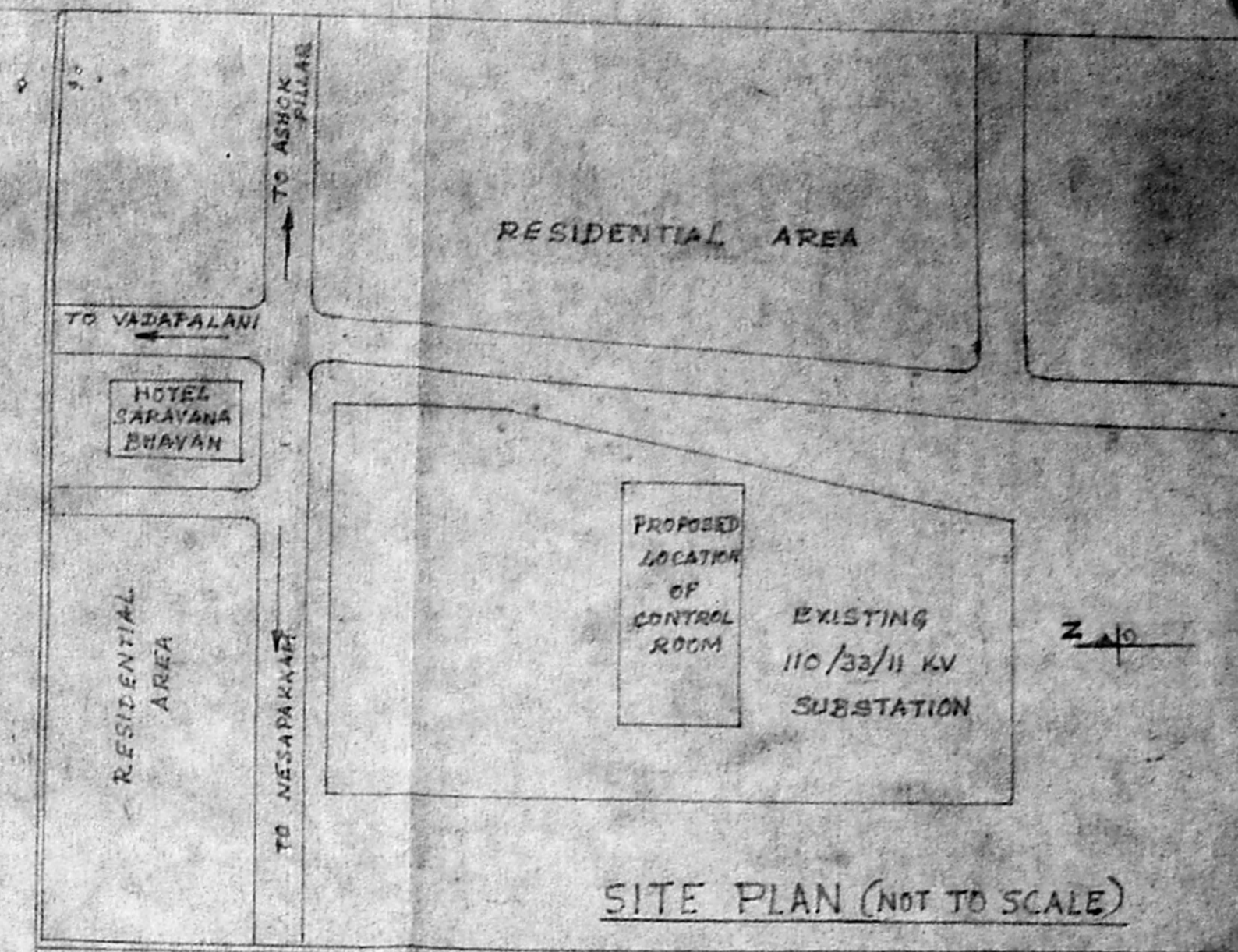
DRAWN M.R.D./HD CHECKED ID/ ID/ AE AEE-5 PASSED ID/ EE-4 TRACED D.V. D'MAN	TAMIL NADU ELECTRICITY BOARD SE'S OFFICE BUILDING AT ASHOK NAGAR ELEVATION & SECTION	DRG. NO. CD 69R4 SHEET-2/2 DATE 1-7-89 SCALE 1:100
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ELEVATION

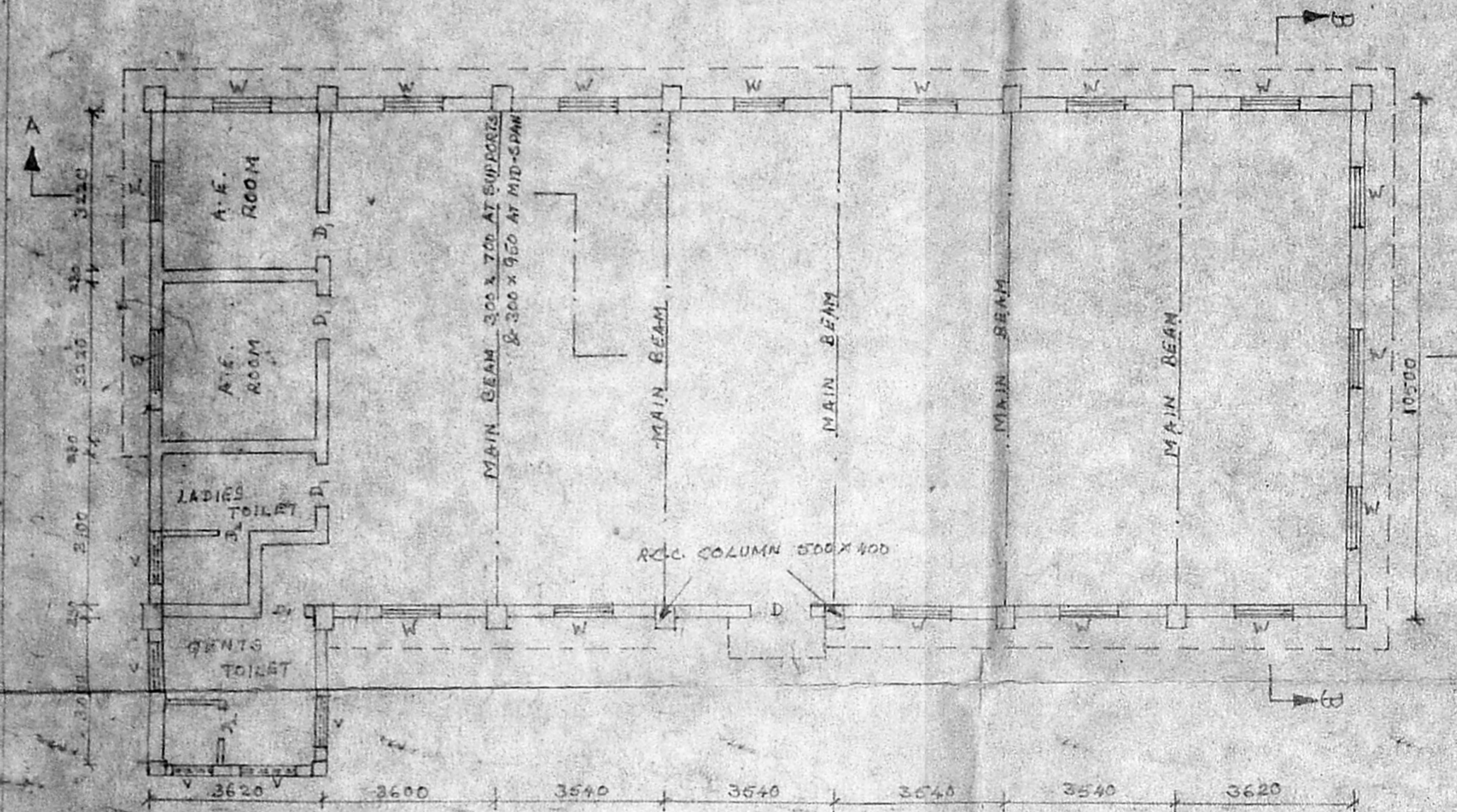


SECTION ON A-A

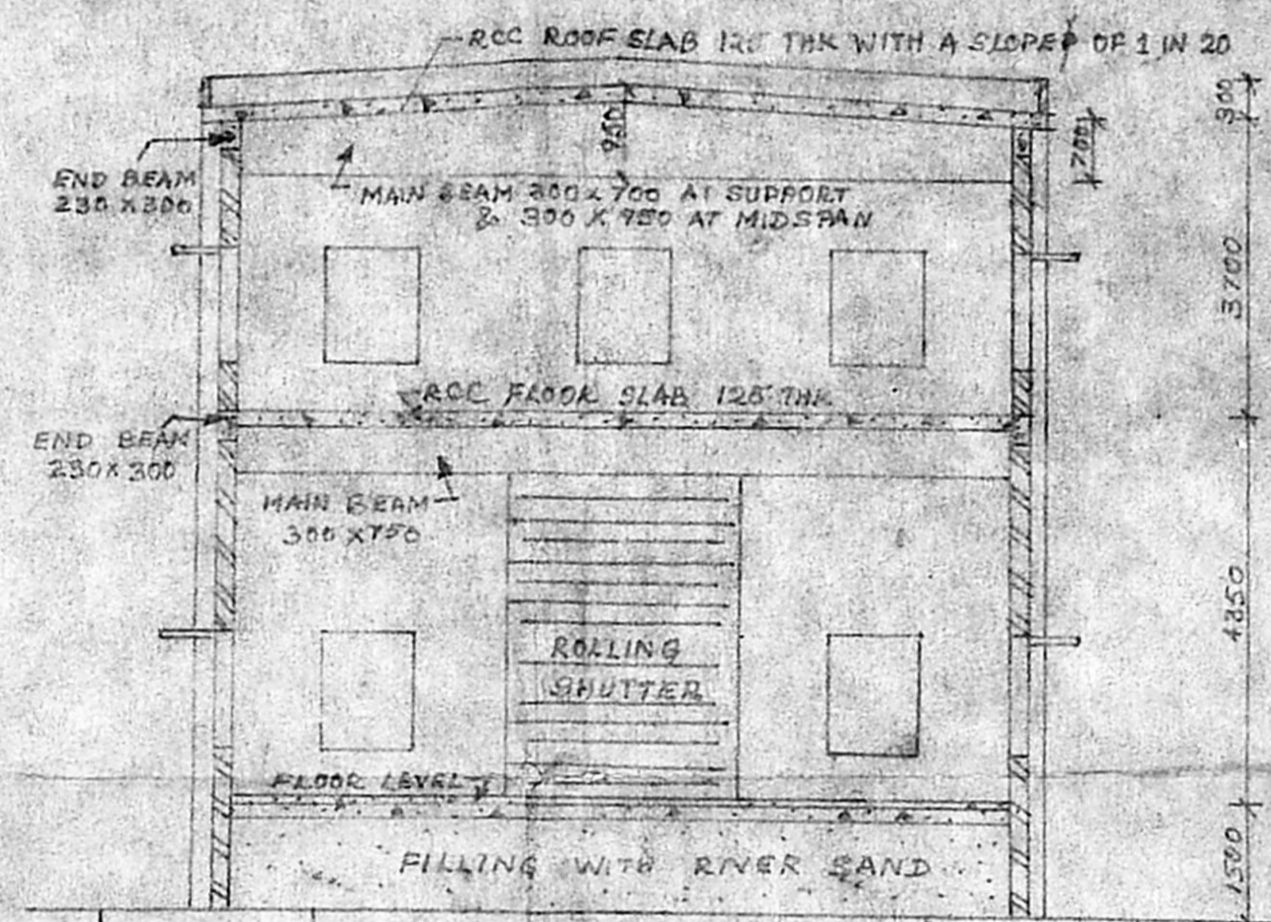


SITE PLAN (NOT TO SCALE)

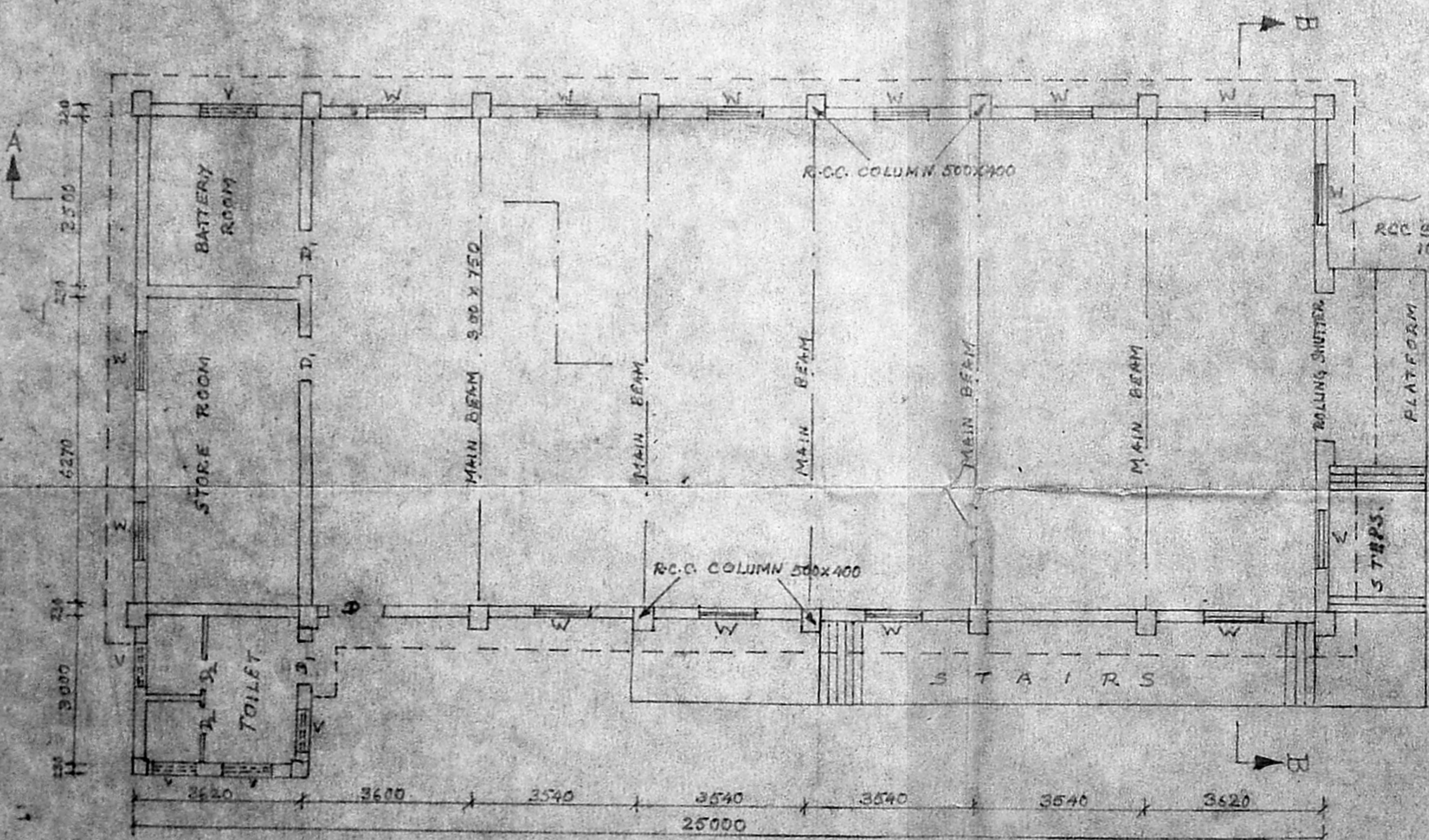
APPROVED
SUBJECT TO THE CONDITIONS IN
THIS OFFICE LETTER.
No. CC. 6504/3 Date 1-5-58
FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY
MADRAS - 600 008.



FIRST FLOOR PLAN



SECTION ON B-B



GROUND FLOOR PLAN

NOTES:

1. ALL THE DIMENSIONS GIVEN ARE IN MILLIMETRES.
2. SAFE BEARING PRESSURE OF THE SOIL IS ASSUMED AS 7 T/M² AS PER F.S. ENGINEER'S REPORT.
3. PLINTH PROTECTION ARRANGEMENT OF 1M WIDE MAY BE PROVIDED AROUND THE BUILDING FOR EFFECTIVE REDUCTION AND CONTROL OF MOISTURE IN THE FOUNDATION.
4. THE BUILDING IS DESIGNED FOR GROUND AND FIRST FLOORS ONLY.
5. THE PARTITION WALLS SHALL BE 100MM THICK AND SHALL NOT BE RAISED ABOVE 1000MM. IF NECESSARY THE GAP BETWEEN THE WALL AND ROOF SHALL BE COVERED WITH ONLY LIGHT PARTITIONS AS DECIDED BY THE FIELD.
6. THE FLOOR SLAB OF TOILET IN FIRST FLOOR TO BE DEPRESSURED AND FINISHED 50MM BELOW THE GENERAL FLOOR LEVEL.
7. RCC MIX - FOR COLUMNS AND BEAMS AND SLABS - 1:2:4 WITH 12 TO 20MM B.G. METAL.
8. FLOORING: CONTROL ROOM - GRANULITHIC FLOORING
TOILET - MOSAIC WITH DABOING
9. STUCCO-PLASTERING 12MM THICK USING BLUE GRANITE CHIPS OF SIZE 3 TO 6MM OVER A BASE PLASTERING WITH CM:1:5, 12MM THICK FOR BOTH FRONT AND REAR WALLS AS SHOWN IN ELEVATION.
10. WHITE WASHING - WALLS INSIDE WHITE WASHED WITH JANATHA CEM OF TWO COATS OVER ONE COAT PRIMER AND OUTSIDE COLOUR WASHED WITH TWO COATS OF CEMENT PAINT OVER A BASIC COAT OF WHITE CEMENT (C/LONG SHELF LIFE TO BE APPROVED BY FIELD ENGINEER).
11. WATER TANK MAY BE PROVIDED OVER TOILET PORTION OF SIZE 1500X1500X200MM WITH MONKEY LADDER OF SUITABLE SIZE FOR ACCESS.
12. THE SALIENT FEATURES OF THE BUILDING LINE YEAR OF CONSTRUCTION, NO. OF FLOORS FOR WHICH - DESIGNED, LOAD ASSUMED AT FOUNDATION ETC. TO BE DISPLAYED IN A PROMINENT PLACE INSIDE BUILDING FOR FUTURE REFERENCE.
13. FOR DETAILS OF FOUNDATION REFER DPE NO. CD/94 DATED 3-7-54.
14. DETAILS OF REINFORCEMENT ETC. WILL BE GIVEN IN SEPARATE DRAWINGS.
15. A TOTAL OF 7 NOS. OF 100MM DIA C.I. RAINWATER DOWNFALL PIPES TO BE PROVIDED.
16. IT MAY BE ENSURED THAT THE WATER TANK DOES NOT REST ON ROOF SLAB.

SCHEDULE OF JOINERY

- D: COUNTRY WOOD DOORS - 1180 X 2100
- D₁: COUNTRY WOOD DOORS - 900 X 2100
- D₂: P.V.C. DOORS - 750 X 2100
- W: ALUMINIUM WINDOWS - 1180 X 1480
- V: COUNTRY WOOD VENTILATORS - 1180 X 530
- V₁: STEEL VENTILATORS - 1180 X 530
- R.S: ROLLING SHUTTER - 3000 X 3300

Er. K. VENUGOPAL, B.E., A.M.I.E.
C.E. & S. DIV OF MADRAS
Civil & Military Engineering Consultant
Licence No. 1000/1/57
Licensed Plumber, Class-I No: 320
Sewerage No. 1000/1/57
Water Supply No. 1000/1/57
3, Madhavadas Street, Nungambakam (Lake Area)
Backside of Corporation Girls Higher Secondary School
MADRAS - 600 034.

Time 60/30
Assistant Executive Engineer
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

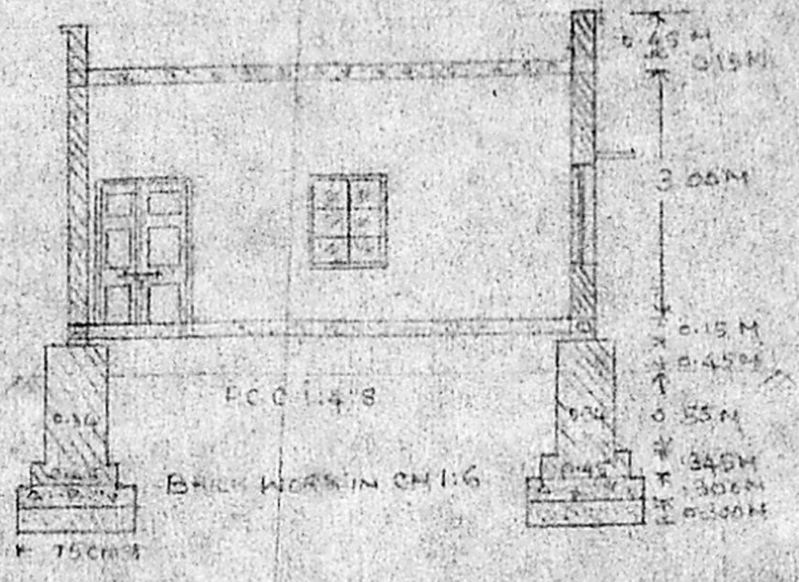
Assistant Engineer / II
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

DRAWN:	TAMIL NADU ELECTRICITY BOARD
CHECKED:	K.K. NAGAR-110/33/11 KV S.S.
SCALE:	GENERAL ARRANGEMENT OF CONTROL ROOM AND OFFICE
1:100	



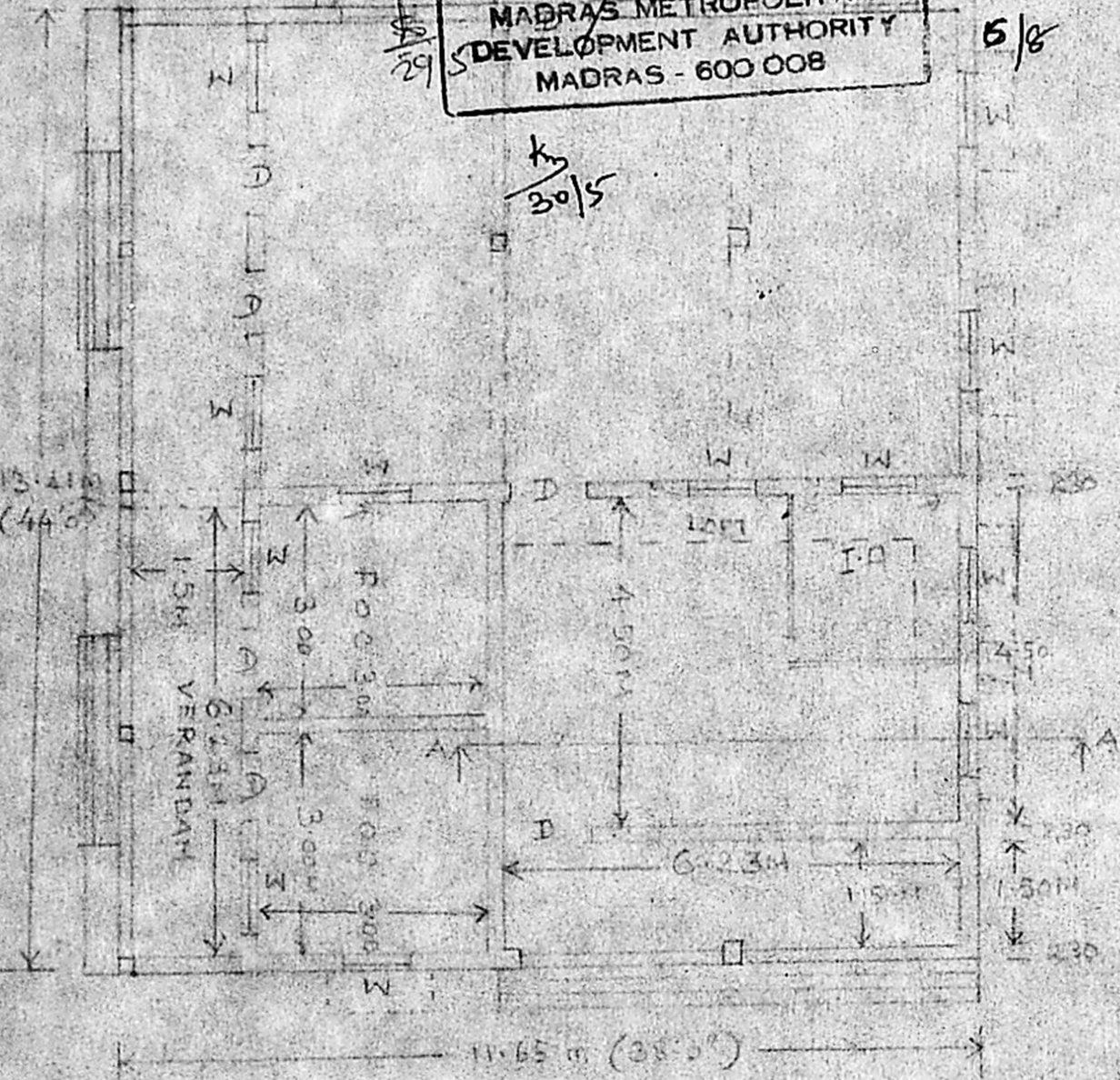
Planning Permit No. 2/PP/83-F/H/95

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No. 64/5806/55 Date 5-9-55
FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY
MADRAS - 600 008



SECTION ON AA

Er. K VENKIGOPAL, Ret. A.E.B.
CORPORATION OF MADRAS
Civil & Surveying Engineering Consultant
Licensed Surveyor, Class-I No: 320
Licensed Plumber Class-I Metro Water
Sewerage No. Water Supply No.
B. Noolakal Street, Vengambakkom (Lake Area)
Backside of Corporation Girls Higher Secondary School
MADRAS 500 034



PLAN

SPECIFICATION

FOUNDATION	FOOTING TYPE
FOUNDATION CONCRETE	1:4:8
FOUNDATION BRICKWORK	1:6 STACK BRICK
PLINTH BEAM	2 RCC 12.4
BRICKWORK	1:6 STACK BRICK
LINTEL & SONS SHADE	2 RCC 12.4
RCC ROOF	2 RCC 12.4
DOOR	2 PANELLED TYPE 1.20 x 2.10 USING C.WOOD
WINDOW	2 STEEL WINDOW 0.915 x 1.120

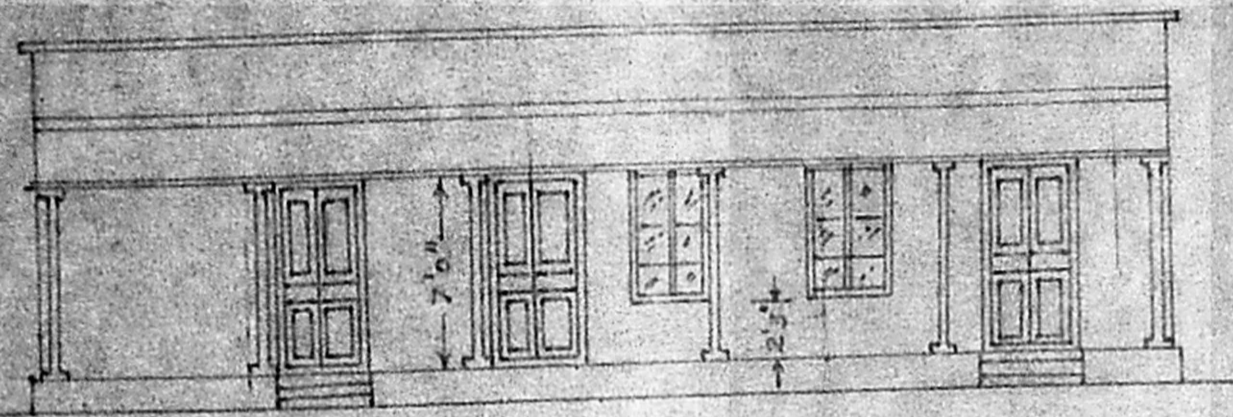
True Copy

Assistant Executive Engineer
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS - 600 078

Assistant Engineer / II
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS - 600 078

SCALE 1:50

TAMILNADU ELECTRICITY BOARD
SKETCH SHOWING THE PLAN
SECTION & ELEVATION OF
ADE'S OFFICE BUILDING AT
K. K. NAGAR 110 KV S.S.



FRONT ELEVATION.

R.C.C. BEAM (6"x12")
WITH 2 nos 20mm rods AT TOP
AND BOTTOM - AND STIRRUPE
WITH 8mm rods @ 6" c/c

R.C.C. VERANDA POST

G.L.

100 MM THICK
FLOORING WITH P.C.C. 1:1.5:10 WITH A
WEARING COAT OF P.C.C. 1:2:4 OF
20MM THICK USING 6 to 12 mm CHIPS -
TOP FINISHED SMOOTH AND HARD.

R.C.C. SLAB WITH TWO COURSES OF 20mm
PLAT TILES EMBEDDED IN CEMENT MORTAR C1:
AND FINISHED WITH CRUDE OIL
WITH CRUDE OIL

Planning Permit No. 41/500/SC / 95

APPROVED

SUBJECT TO THE CONDITIONS IN
THIS OFFICE LETTER.

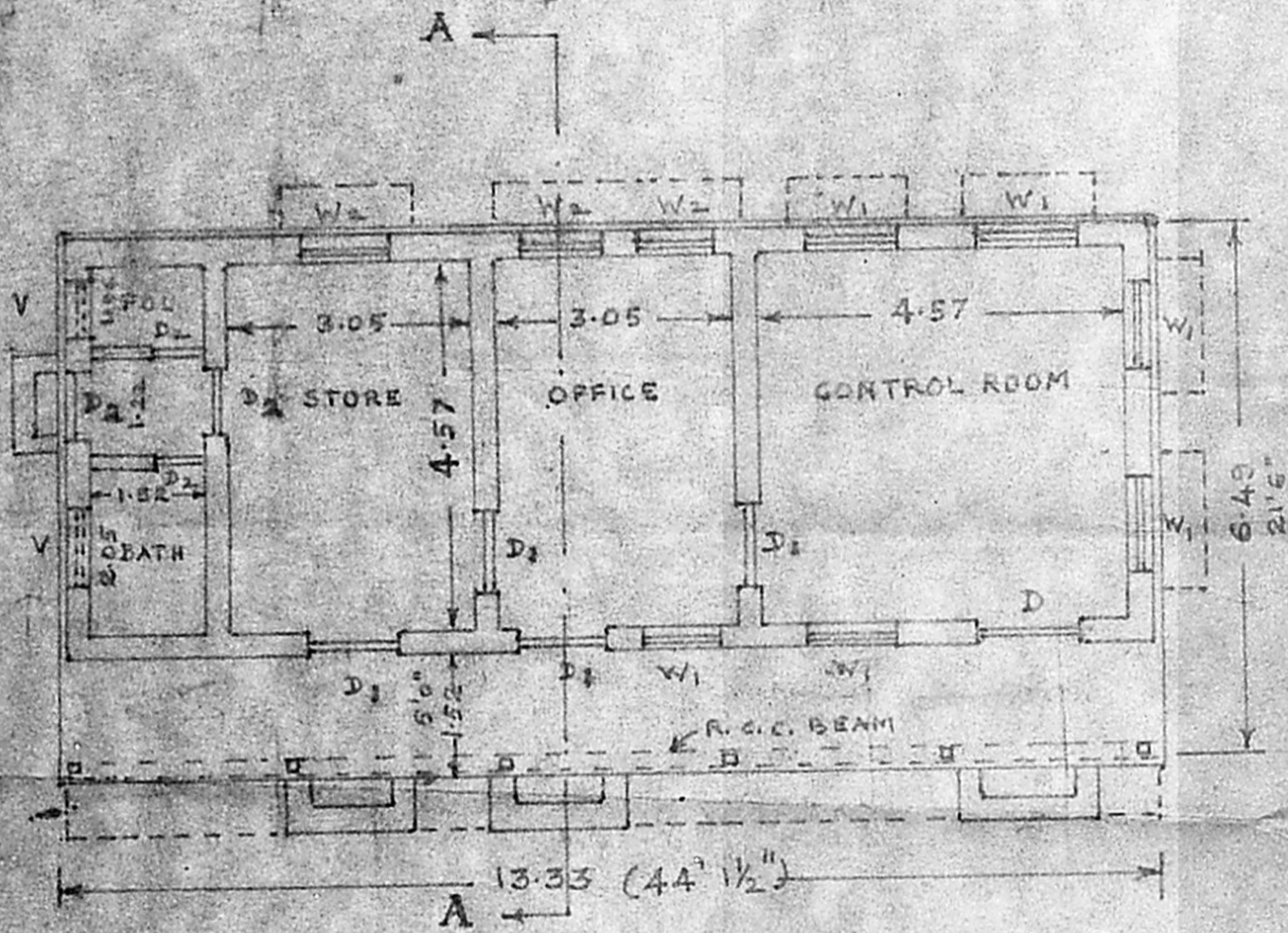
No. 41/500/SC Date 5-5-95

G.L.

FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY
MADRAS - 600 008.

SECTION AT A-A

30/5



PLAN

SPECIFICATIONS.

FOUNDATION: P.C.C. 1:5:10
BASEMENT AND SUPER STRUCTURE: BRICK WORK IN C.M. 1:1:6
FLOORING: P.C.C. 1:2:4, 100 MM THICK WITH WEARING COAT OF
P.C.C. 1:2:4 USING 6 to 12 mm CHIPS - 20mm thick
DOORS: D. 8'0" x 4'0" C.W. DOOR
D1. 7'0" x 3'6" "
D2. 6'6" x 2'6" DOOR WITH SINGLE LEAF.
WINDOWS: C.W. WINDOWS GLAZED WITH IRON BARS
W1. 4'9" x 3'6"
W2. 4'0" x 3'6"
VENTILATORS: V: 3'6" x 1'9"

Er. K Venigopal
Er. K VENIGOPAL, Ret. A.E.R.
CORPORATION OF MADRAS
Civil & Sanitary Engineering - consultant
Licensed Surveyor, Class-I No. 120
Licensed Plumber, Class-I Metro Water
Sewerage No. Water Supply No.
3, Neelakandan Street, Nungambakkam (Lako Area)
Backside of Corporation Girls Higher Secondary School
MADRAS - 600 034.

TWO COPY

Assistant Executive Engineer
Assistant Executive Engineer
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

Assistant Engineer II
Assistant Engineer / II
TRANSMISSION LINE CONSTRUCTION
TAMILNADU ELECTRICITY BOARD
K. K. NAGAR, MADRAS-600 078

DRG BASED
ON PLAN
No. G181/
R3.

TAMILNADU ELECTRICITY BOARD.

MADRAS ELECTRICITY SYSTEM (SOUTH)

PROPOSED CONSTN. OF CONTROL ROOM
AT KONTAMALLI, 33 KV. S.S.
AT KONTAMALLI

APP. CIVIL/MES.(S)

SPECIFICATION

- 1. FOUNDATION : FOOTING TYPE
- 2. FOUNDATION CONC : 1:4:8 40mm METAL
- 3. FOUNDATION B.C. WORK : 1:6 STOCK BRICK
- 4. PLINTH BEAM : 1:2:4 20mm METAL
- 5. BRICK WORK : 1:6 STOCK BRICK
- 6. LINTEL SUNSHADE : 1:2:4 20mm METAL
- 7. ROOF : A.C. SHEET

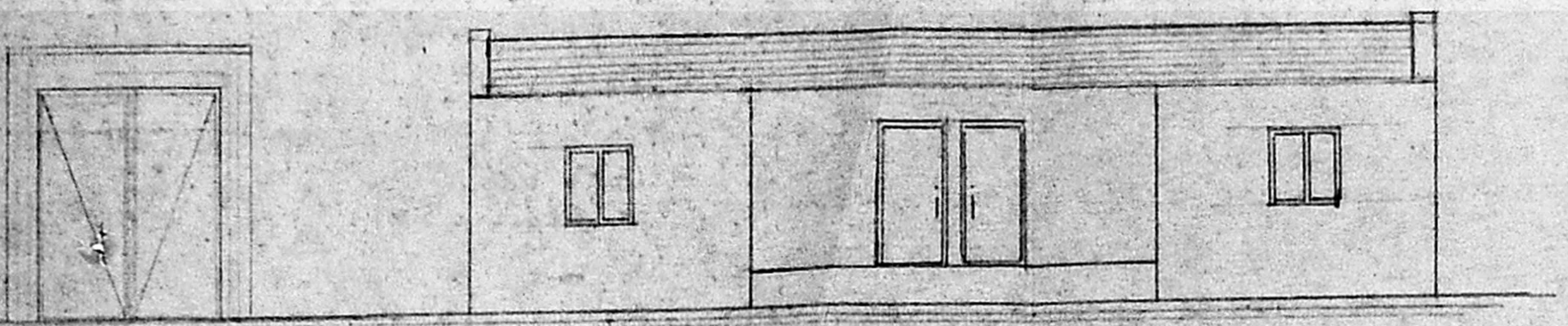
JOINERY

- D C.W. DOOR (PANELLED) : 1'20x2'0
- D₁ -DO- : 30x1'2
- D₂ STEEL DOOR : 1'2x2'0
- W STEEL WINDOW : 30x2'0
- V -Du- : 30x1'0

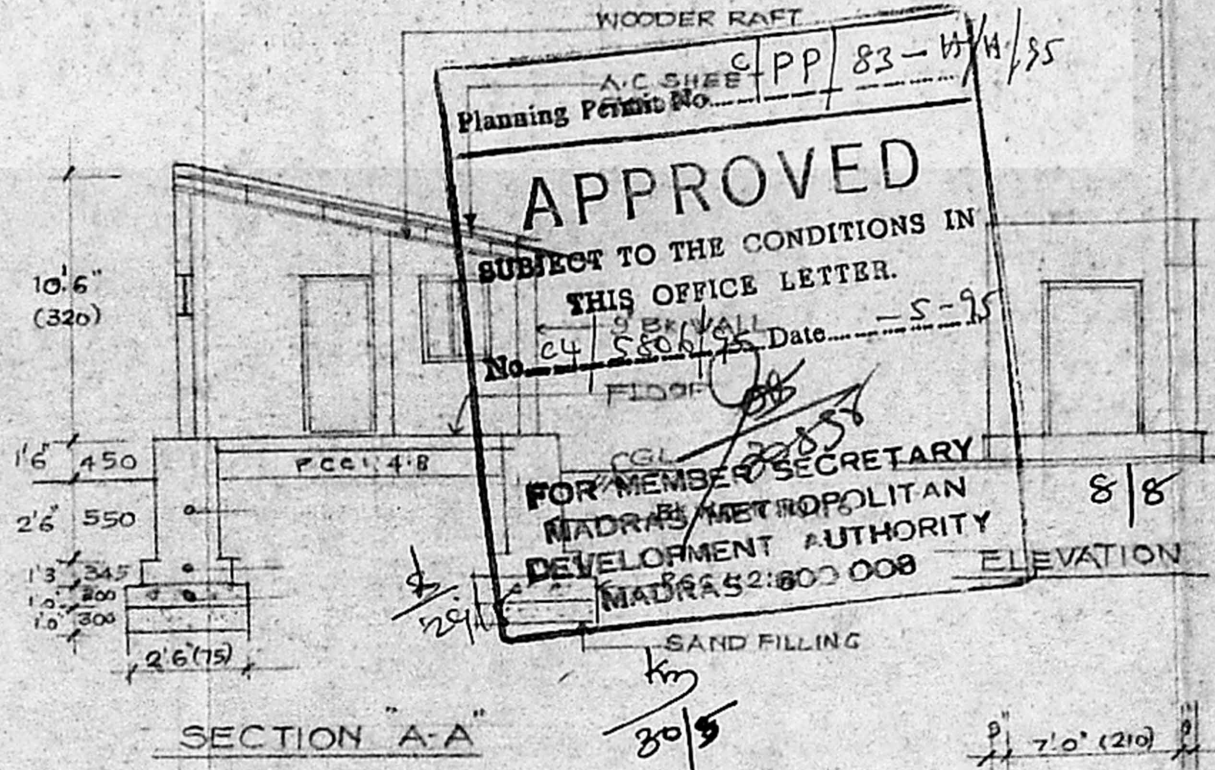
TAMIL NADU
ELECTRICITY BOARD

PLAN SHOWING THE AEE'S
OFFICE & PUMP ROOM AT
K.K. NAGAR 110KV
SUB STATION

SCALE : 1:100

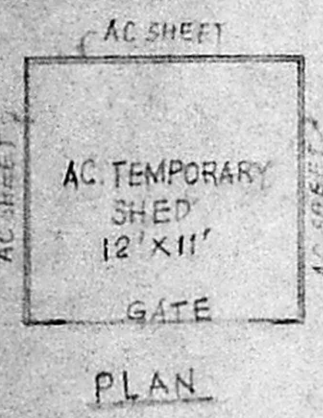


TEMP SHED ELEVATION (STORES) FRONT ELEVATION

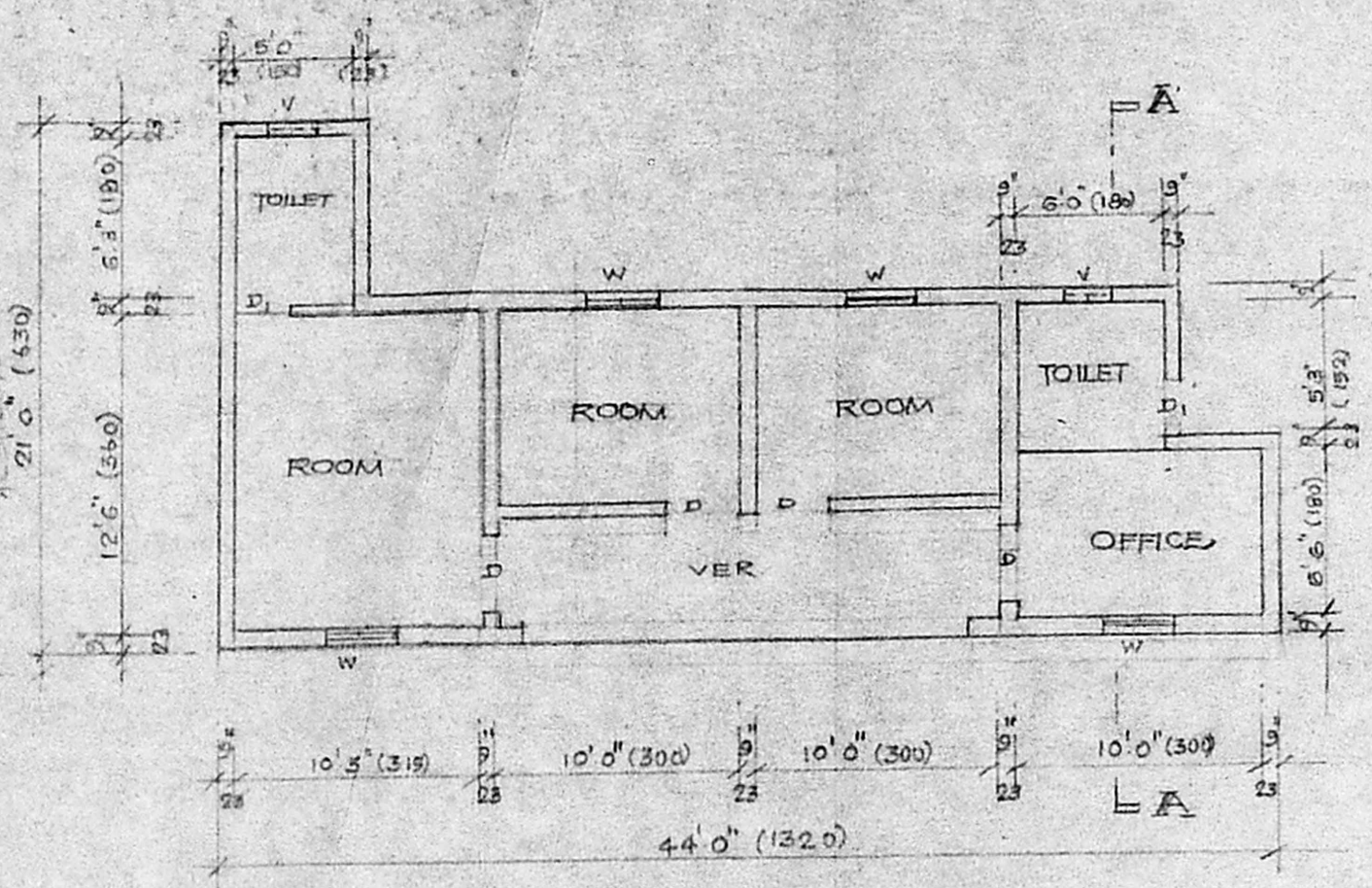


SECTION A-A

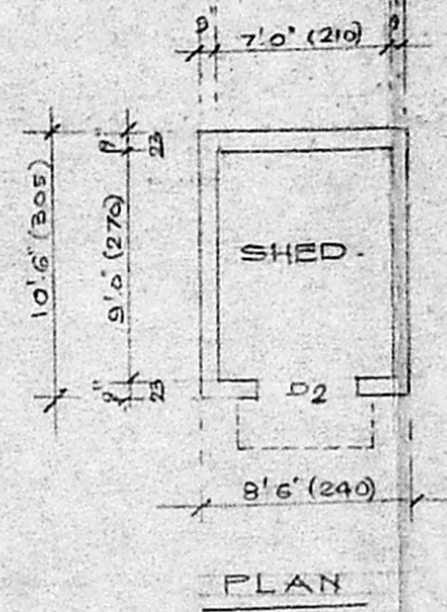
SECTION B-B



AC SHEET PLAN



PLAN



PUMP ROOM PLAN

WOODER RAFT
 A.C. SHEET
 Planning Permit No. GPP 83-14/1/85
APPROVED
 SUBJECT TO THE CONDITIONS IN
 THIS OFFICE LETTER.
 No. 24/5506/75 Date: 5-9-85
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 MADRAS 2:600 008
 SAND FILLING
 km
 80/5

TRUE COPY

Er. K. VENUGOPAL, Rtd. A.E.E.
 CORPORATION OF MADRAS
 Civil & Sanitary Engineering Consultant
 Licensed Surveyor, Class-I No. 22
 Licensed Plumber Class-I Metro W...
 Sewerage N... Water Supply N...
 3, Veelakand...
 MA - 600 034.

Assistant Executive Engineer
 TRANSMISSION LINE CONSTRUCTION
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 K. K. NAGAR, MADRAS-600 078

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