

AREA STATEMENT

I	AREA OF THE SITE	9.81 ACRES	39714.09 SQ.M.
II a)	GROUND COVERAGE OF 'A' TYPE FLATS	1717.164 "	
b)	GROUND COVERAGE OF 'B' TYPE FLATS	4857.471 "	
c)	GROUND COVERAGE OF 'C' TYPE FLATS	3498.837 "	
d)	GROUND COVERAGE OF COMMUNITY CENTRE	379.311 "	
e)	GROUND COVERAGE OF PRIMARY SCHOOL	275.090 "	
f)	GROUND COVERAGE OF ELECTRIC SUBSTATION	42.000 "	
TOTAL GROUND COVERAGE		10769.873	27.11%
III a)	TOTAL PLINTH AREA OF 'A' TYPE FLATS	5868.656 "	
b)	TOTAL PLINTH AREA OF 'B' TYPE FLATS	19429.896 "	
c)	TOTAL PLINTH AREA OF 'C' TYPE FLATS	13995.360 "	
d)	PLINTH AREA OF COMMUNITY CENTRE	629.230 "	
e)	PLINTH AREA OF PRIMARY SCHOOL	275.090 "	
TOTAL PLINTH AREA		41198.295	
IV	F.A.R.	41198.295 = 1.037	
		39714.090	
V a)	STAIRCASE HEAD ROOM OF 'A' TYPE FLATS	115.326 "	
b)	STAIRCASE HEAD ROOM OF 'B' TYPE FLATS	215.333 "	
c)	STAIRCASE HEAD ROOM OF 'C' TYPE FLATS	160.530 "	
d)	STAIRCASE HEAD ROOM OF COMMUNITY CENTRE	15.741 "	
VI ROAD AREA			
a)	10m WIDE ROAD	1970.00+775 = 2745.00 SQ.M.	
b)	OTHER ROADS	4757	
VII RESERVATION OF LAND REQUIRED FOR COMMUNAL & RECREATIONAL PURPOSE			
		SITE AREA-00m WIDE ROAD 10%	
		PROVIDED AREA = 39714.090 - 2745.00 x 10% = 36969.090 SQ.M. 99.99% OF REQUIRED AREA	

VIII PARK AREA			
PARK I	1966.72	50.M.	
PARK II	453.00		
PARK III	350.00		
TOTAL PARK AREA		2779.72	

IX PARKING AREA STATEMENT			
CAR PARKING	REQUIRED	PROVIDED	AREA (Sq.m.)
'D' TYPE FLAT	132 Nos	132 Nos	1650
COMMUNITY CENTRE	14	17	212.50
TWO WHEELER	392	400	1200.00
			3062.50

X APARTMENT OPEN SPACE	11949.997 = 11
XI TOTAL OPEN SPACE INCLUDING PARKING	17942.217

PROPOSED RESIDENTIAL FLATS
 IN SUR nos. 179.78/4, 83/1,
 83/2, 84/1, 84/2 & 85/1 OF NO 75
 NOOMBAL VILLAGE
 SAIDAPET TALUK
 CHENGALPATTU M.G.R. DIST.
 FOR CGE.W.H.O.

SITE PLAN

SCALE	DATE	JOB NO	DRAWN
1:500		HE 10193	2A

REFERENCE

- PROPOSED BUILDING
- SITE BOUNDARY
- PROPOSED ROAD
- EXISTING ROAD
- PARK
- PERMISSIBLE CONSTRUCTION
- WATER LINE
- SEWER LINE

ALL DIMENSIONS ARE IN METERS

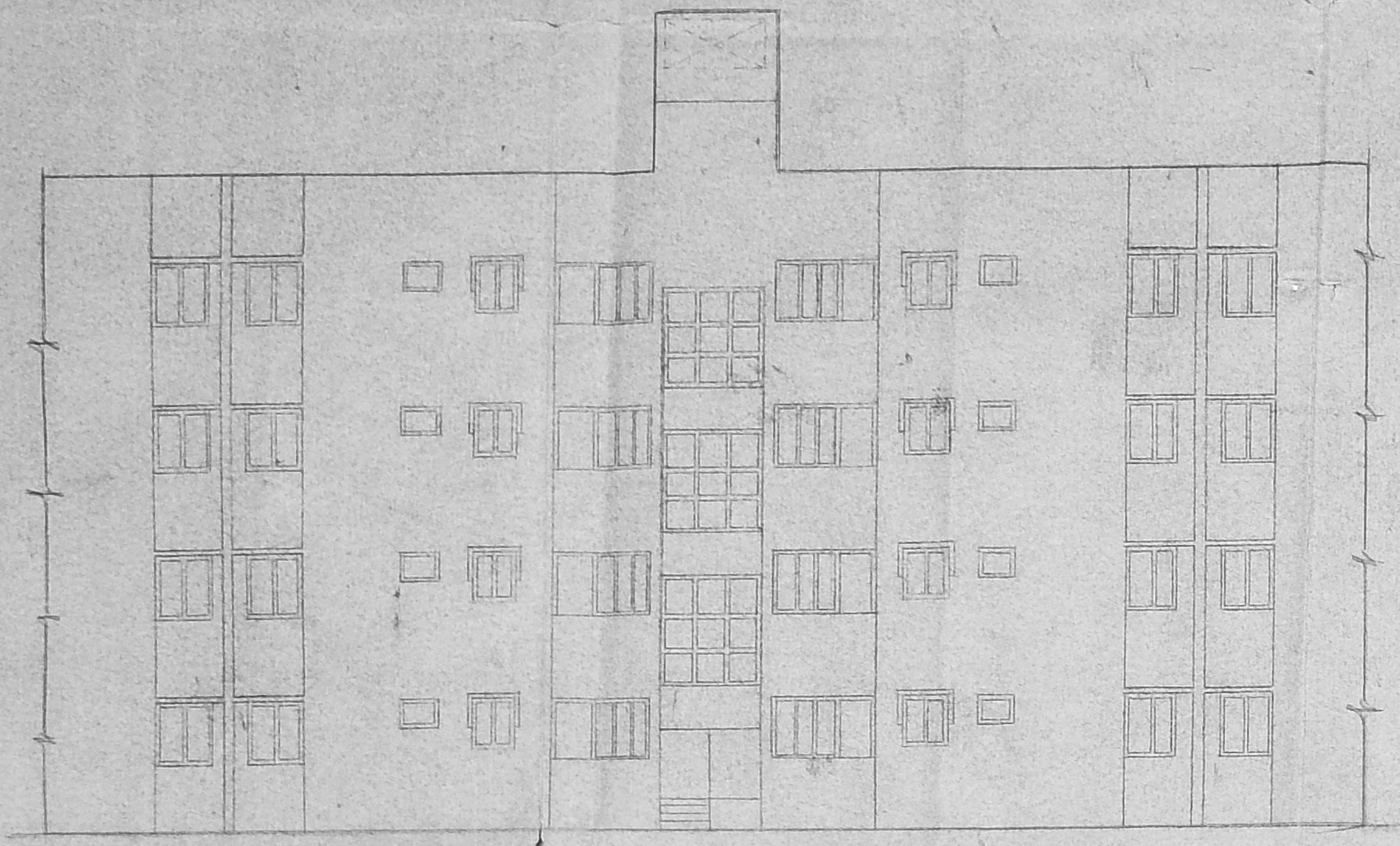
SIGNATURE OF OWNER
 LICENSED SURVEYOR
 COUNCIL OF ARCHITECTURE
 REGD. NO. CA/83/7327

A.N.SENGUPTA
 M. Arch. (M.I.I.) M. Urban design. THAPARU
 A.I.A., M.C.A., R.A.I.C., P.A.P.
 ARCHITECT AND PLANNER
 MUMBAI - 400 090

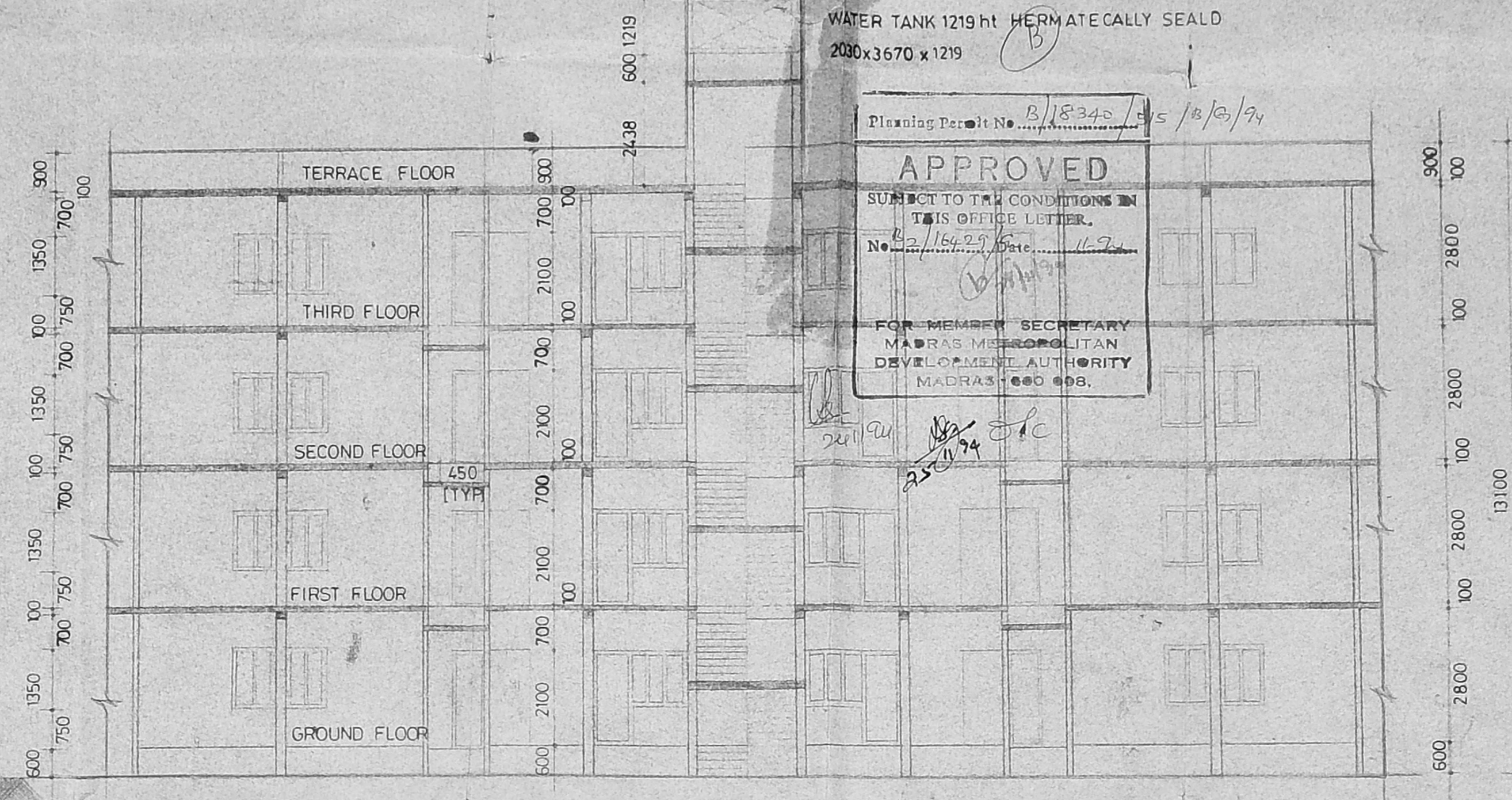
TYPE-A

MMDA (B)/PP No. 132/21471/93
 C.No. 132/21471/93
 Serdiny PART I
 PART II
 A.P. SENGUPTA U.P.

PROPOSED RESIDENTIAL FLATS A TYPE IN PLOT Nos 77/9, 78/4, 83/1, 83/2, 84/1, 84/2 & 85/1 OF No 75 NOOMBAL VILLAGE, SAIDAPET TALUK, CHENGALPATTU M. G. R. DISTRICT FOR CGE.WHO



ELEVATION



SECTION AT A-A

WATER TANK 1219 Ht. HERMETICALLY SEALED
 2030x3670x1219
 Planning Permit No. B/18345/15/18/02/94
APPROVED
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.
 No. 2/18429/15ec. 11.7
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN DEVELOPMENT AUTHORITY
 MADRAS-600 005.

SPECIFICATION
 R.C.C FOOTING 1:2:4
 CEMENT FLOORING 40mm thk
 PLASTERING WITH CEMENT MORTAR 1:6 SUPER STRUCTURE
 SUPER STRUCTURE R.C.C FRAME WORK WITH BRICK WORK C.M 1:6
 LINTEL R.C.C 1:2:4
 ROOF SLAB R.C.C 1:2:4

SCHEDULE OF JOINERY

D	DOOR	900 x 2100
D1	DOOR	750 x 2100
W	WINDOW	1315 x 1350
W1	WINDOW	1200 x 1350
W2	WINDOW	1000 x 1350
W3	WINDOW	1000 x 1100
W4	WINDOW	885 x 1350
V	VENTILATOR	900 x 600

REFERENCE
 PROPOSED _____
 ROAD - - - - -

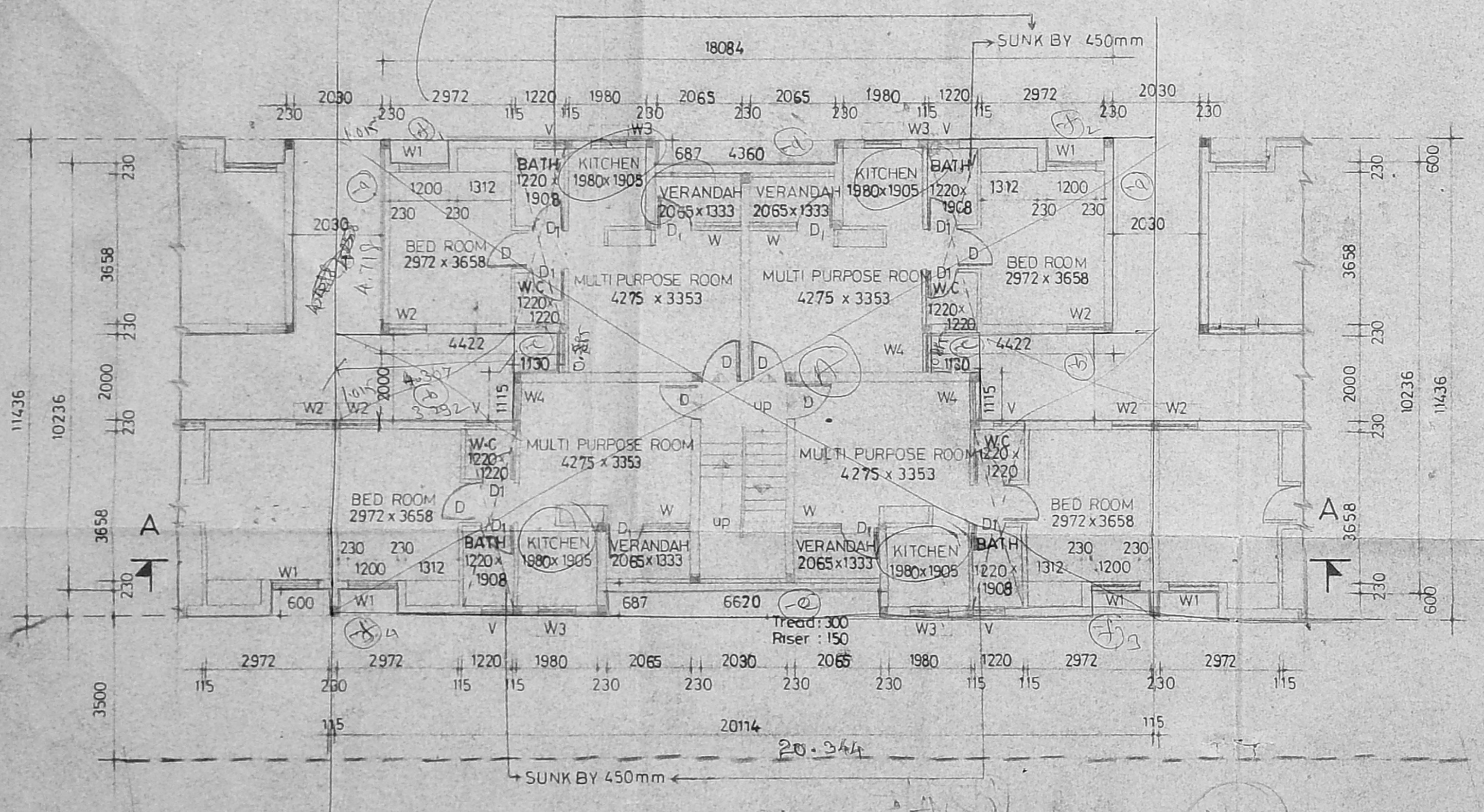
AREA STATEMENT

TYPE OF FLAT	No OF STOREY	TOTAL No OF FLATS IN ONE UNIT		
A	G+3	15		
NO. OF UNITS	TOTAL NO. FLATS	CROSS AREA OF EACH FLAT	TOTAL GROUND COVERAGE AREA	TOTAL PLINTH AREA
9	144	47.699 Sq.m	1717.162 Sq.m	6868.636 Sq.m

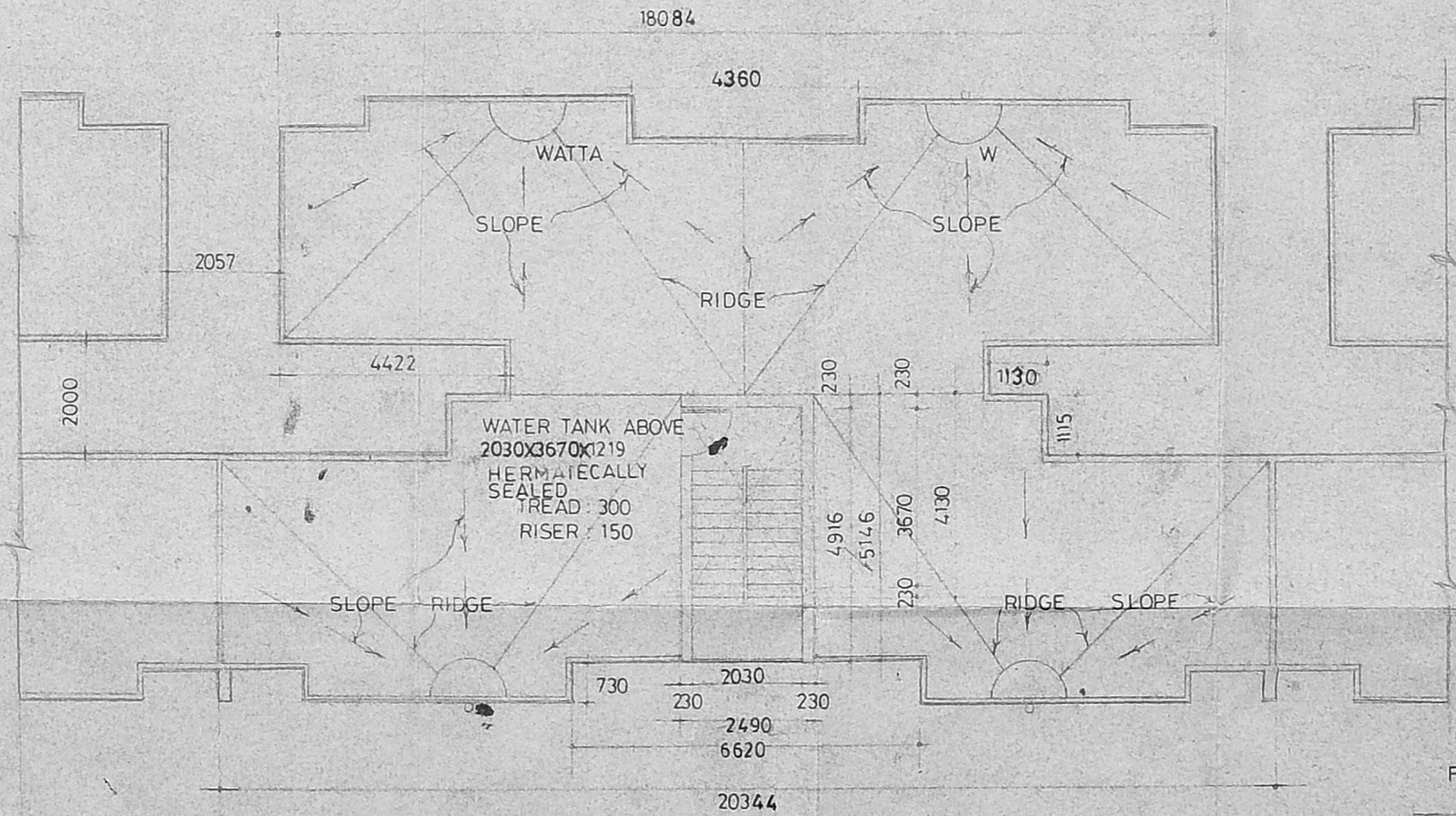
STAIRCASE HEAD ROOM IN EACH UNIT: 12.813 sq. m
 TOTAL STAIRCASE HEADROOM: 175.317 sq. m

SCALE	DATE	JOB NO	DRWG NO
1:100	27-08-93	HC 101-93	5

OWNER
(R. C. BHALLA)
 Ret. Adm (Retd)
 Chief Executive Officer
 Central Government Employees Welfare Housing Organisation

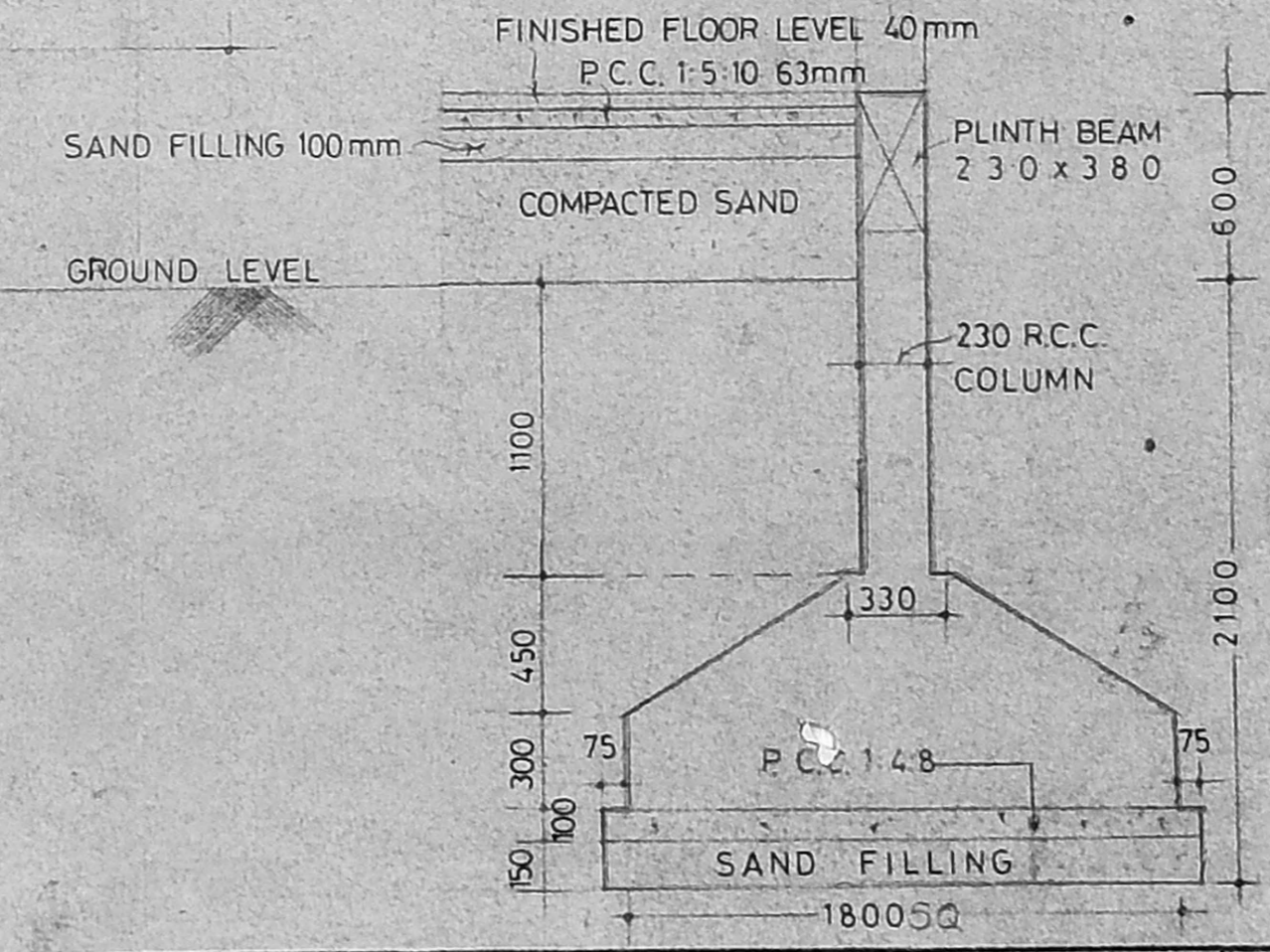


7200 WIDE ROAD
 GROUND & TYPICAL FLOOR PLAN



TERRACE FLOOR PLAN

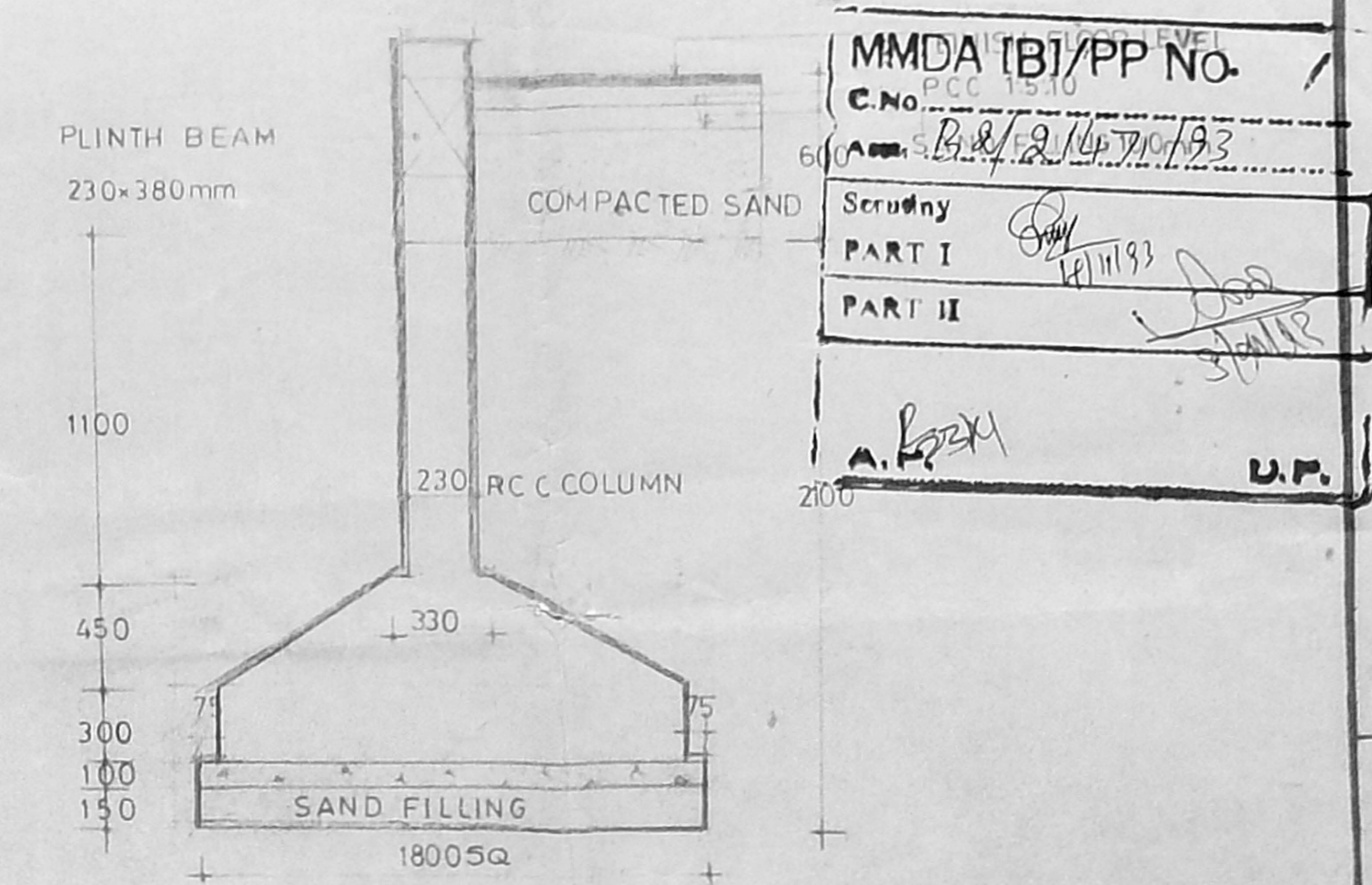
R.C.C. FOOTING DETAIL



LICENSED SURVEYOR
ASIT N. RAVAN SENGUPTA
 M. Arch, Urban Design (Harvard)
 COUNCIL OF ARCHITECTURE, R.A.I.C., A.I.C.P.
 REGN. NO. CA/88/7367
 Architect, Planner, Urban Designer, Transportation Planner
 Madras Registration Licenced Surveyor No. 477-Class-I
 C-6 Engineering Staff Quarters,
 Gandhi Mandapam Road, Madras-600025, India.

A. N. SENGUPTA.
 M ARCH (M.I.T) M Urban design (HARVARD) ALLA, M.C.A., R.A.I.C., A.I.C.P.
 ARCHITECT AND PLANNER
 MADRAS

TYPE-B



MMDA TB/PP No. C.No. 18/2/19/93
 Scrutiny PART I PART II
 A.N. SENGUPTA U.P.

PROPOSED RESIDENTIAL FLATS B TYPE IN PLOTS NOS.77/9, 78/4, 83/1, 83/2, 84/1, 84/2 & 85/1 OF No 75 NOOMBAL VILLAGE SAIDAPET TALUK CHENGALPATTU M.G.R DISTRICT. FOR CGEWHO

SPECIFICATION
 RCC FOOTING 1:2:4
 MOSAIC FLOORING 1:2:4
 PLASTERING WITH CEMENT MORTAR 1:6
 SUPER STRUCTURE RCC FRAME WORK WITH
 BRICK WORK CM 1:6
 LINTEL RCC 1:2:4
 ROOF SLAB RCC 1:2:4

SCHEDULE OF JOINERY

D	DOOR	900x2100
D1	DOOR	750x2100
W	WINDOW	1800x1350
W1	WINDOW	723x1350
V	VENTILATOR	900x600
VI	VENTILATOR	684x600

REFERENCE
 PROPOSED ROAD

AREA STATEMENT

NO OF UNITS	TOTAL NOOF FLATS	GROSS AREA OF EACH FLAT	TOTAL NO OF EACH FLATS IN EACH BLOCK	
			NO OF STOREY	AREA
14	224	77.157 SQM	3	17283.168 SQM
3	24	89.447 SQM	16	2146.728 SQM

STAIRCASE HEAD ROOM IN EACH UNIT = 12.66 SQM
 TOTAL STAIRCASE HEAD ROOM = 215.33 SQM

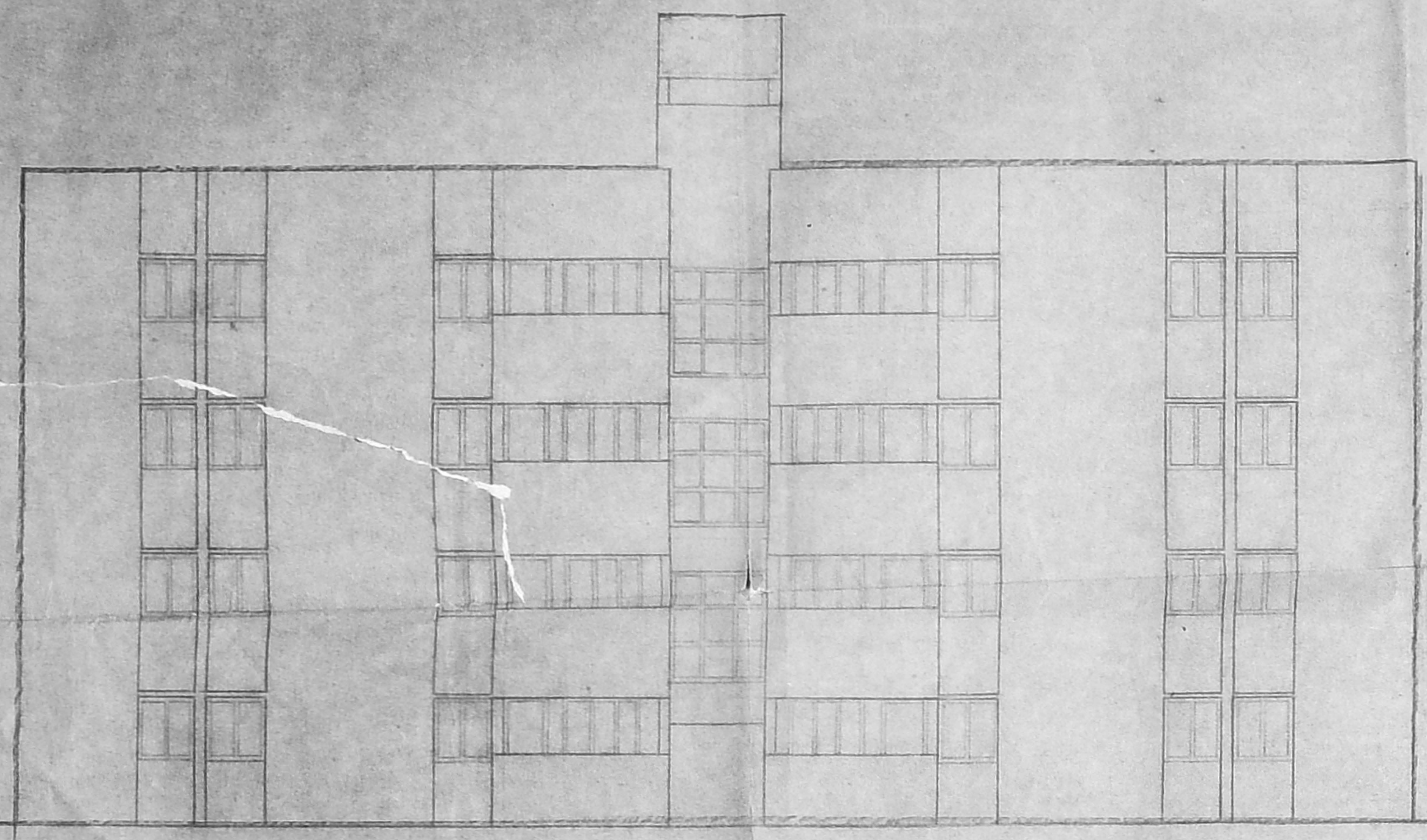
SCALE	DATE	JOB NO	DRGNO
1:100	27-08-93	HC, 101, 93	4

All dimensions are in mm

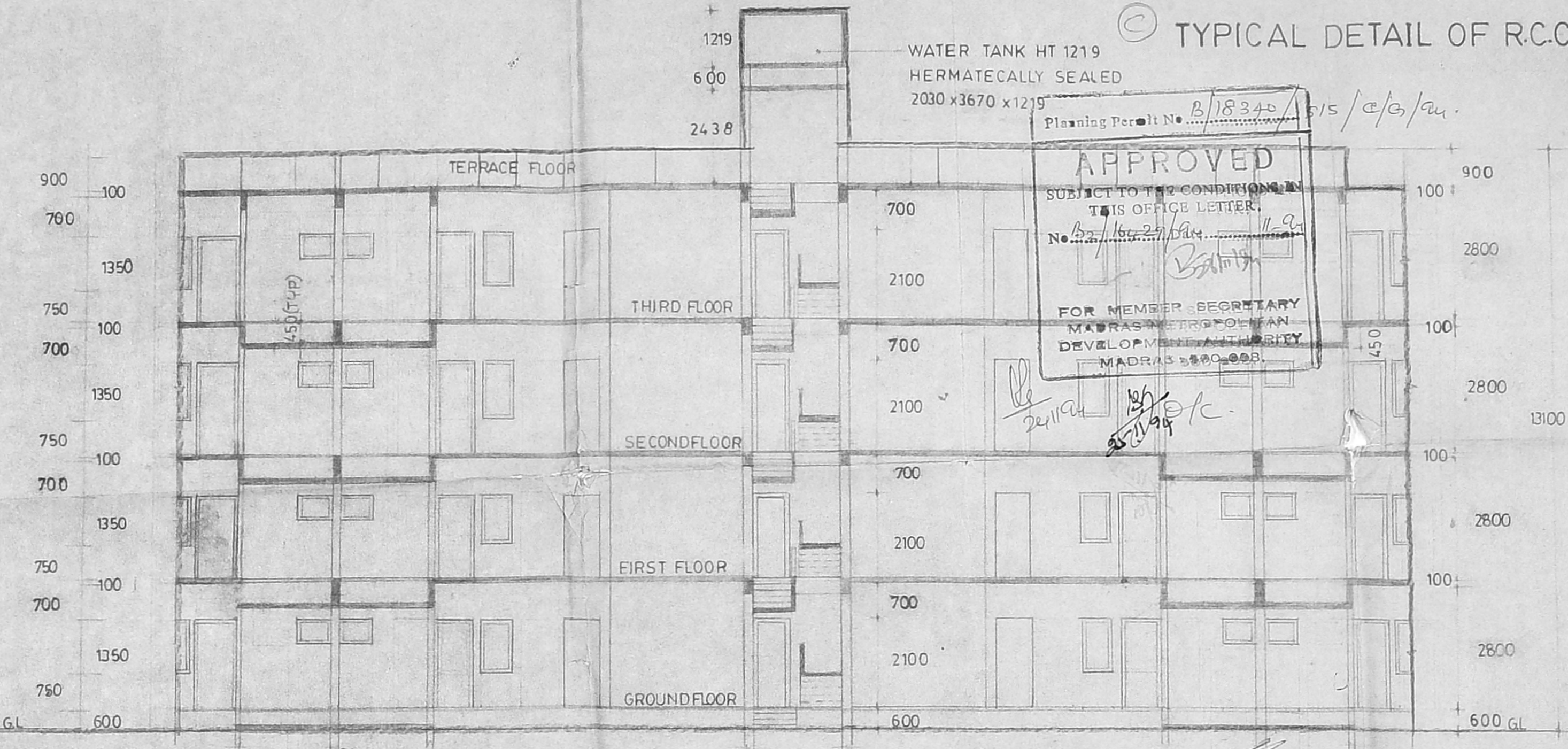
OWNER
 (R. C. BHALLA)
 Chief Executive Officer
 Central Government Employees Welfare Housing Organisation

LICENSED SURVEYOR
 ASIT NARAYAN SENGUPTA
 Council of Architecture
 REGN. NO. CA / 83 / 7367

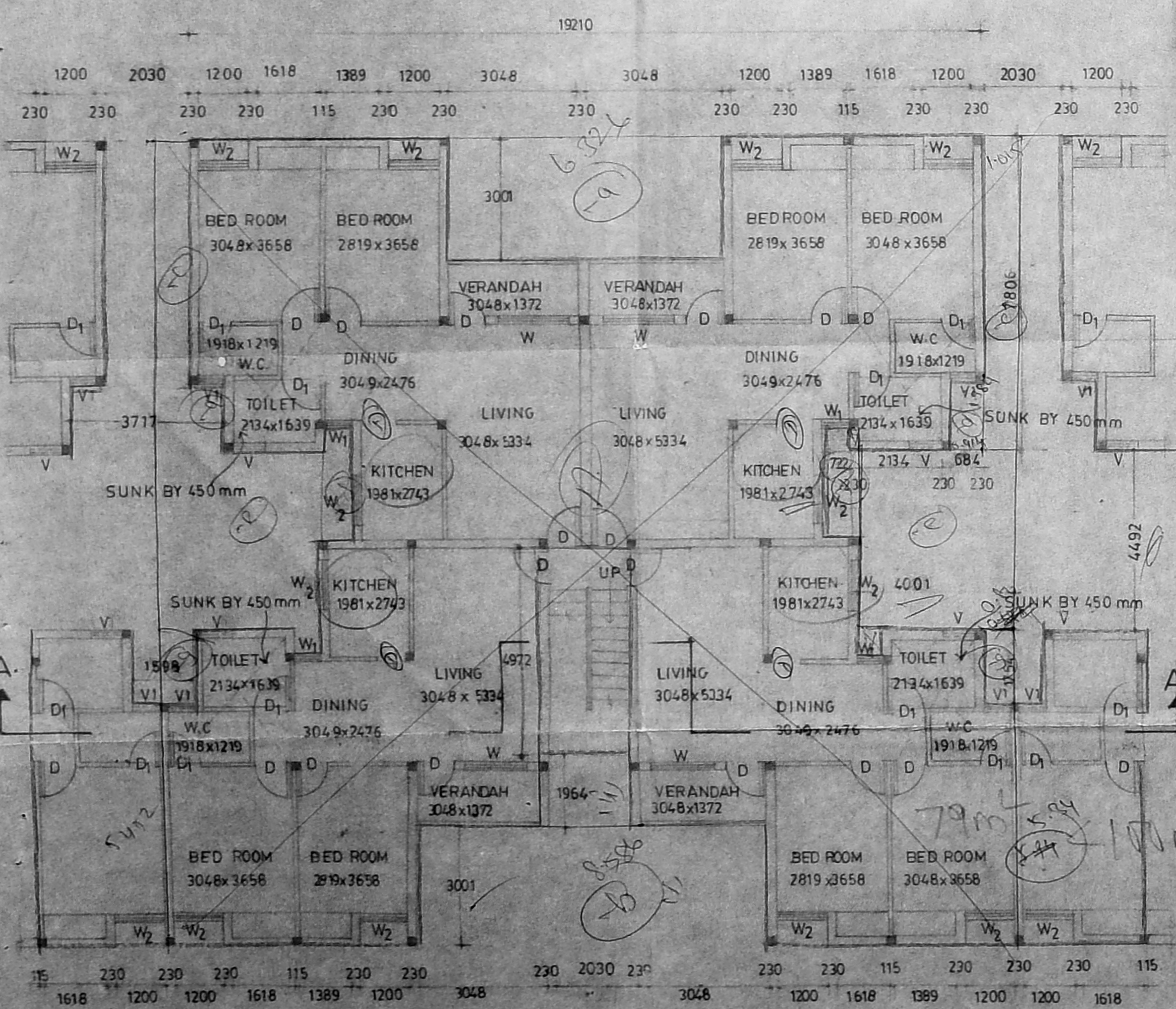
A. N. SENGUPTA
 March, MIT Urban design, Harvard
 ALLIA, MCA, RAIC, A.I.C.P.
 ARCHITECT & PLANNER



ELEVATION

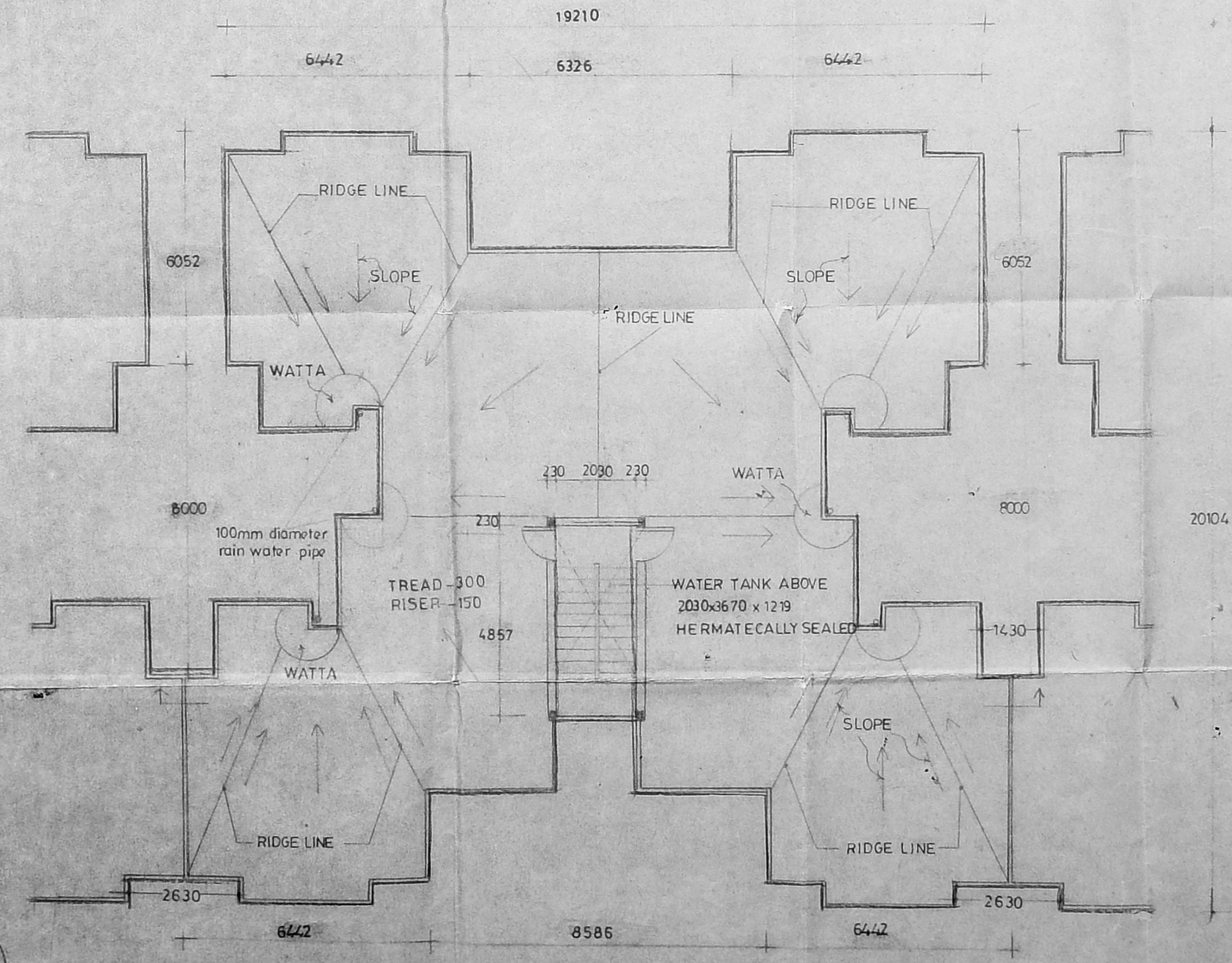


SECTION AT A A



GROUND & TYPICAL FLOOR PLAN

7200 WIDE ROAD



TERRACE FLOOR PLAN

Handwritten notes: 4x4 = 16, 15/15, 240, 15/15

PROPOSED RESIDENTIAL
 FLATS IN NEW SURVEY NO:
 77/9, 78/4, 83/2, 84/1, 84/2
 & 85/1 OF No 75
 NOOMBAL VILLAGE
 SAIDAPET TALUK
 CHENGALPATTU M.G.
 DISTRICT FOR C.G.E.

PRIMARY SCHOOL

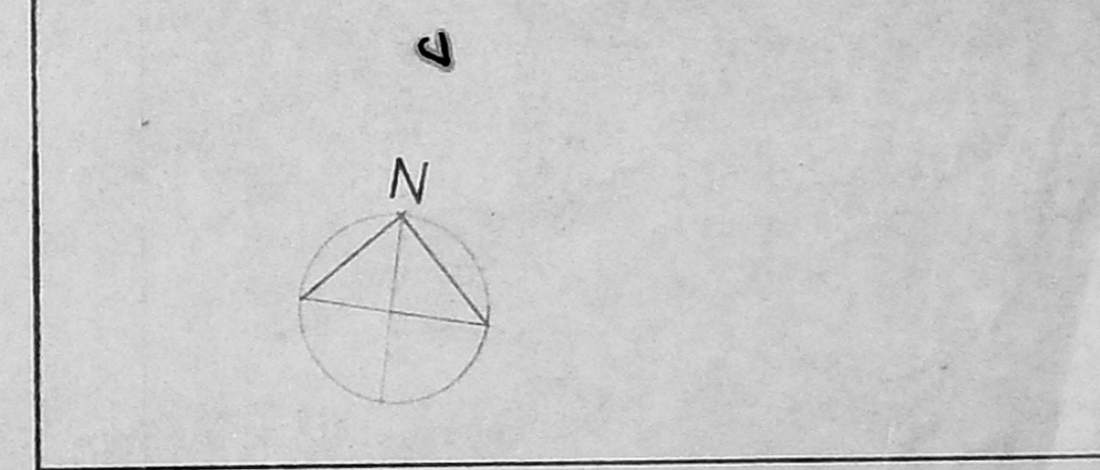
AREA STATEMENT	
GROUND FLOOR AREA	SQ.M 275.09

REFERENCE
 PROPOSED

JOINERY DETAILS	
D DOOR	2000 x 2100
D ₁	1500 x 2100
D ₂	900 x 2100
W WINDOW	2320 x 1350
FG FIXED GLAZING	770 x 1350
V VENTILATOR	2320 x 600

SPECIFICATIONS
 CEMENT CONCRETE IN FOUNDATION 1:4:8
 BRICK WORK IN FOOTING AND BASEMENT 1:5
 CEMENT FLOORING 40MM THK
 PLASTERING WITH CEMENT MORTAR 1:6 SUPER STRUCTURE
 R.C.C. FRAMEWORK WITH BRICKWORK CM 1:6
 LINTEL R.C.C 1:2:4
 ROOF SLAB 1:2:4

SCALE	DATE	JOB NO	DRWG NO
1:100	25.1.94	HC 101.93	7A

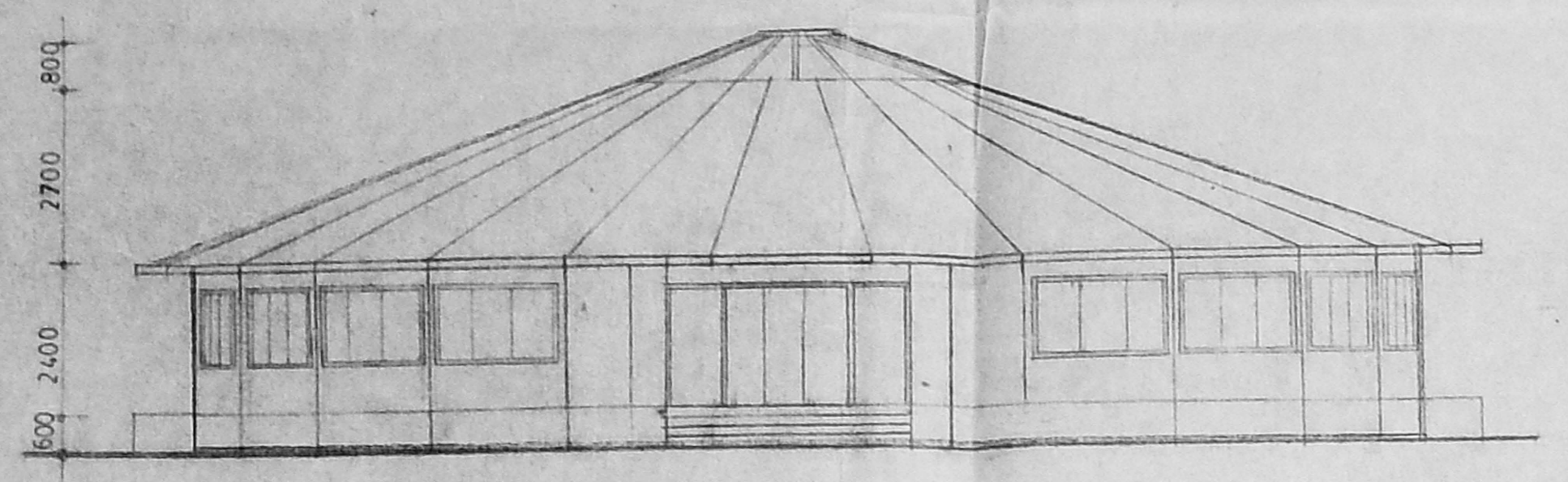


OWNER
 (R. C. BHALLA)
 Rear Adm (Retd)
 Chief Executive Officer
 Central Government Employees
 Welfare Housing Organisation

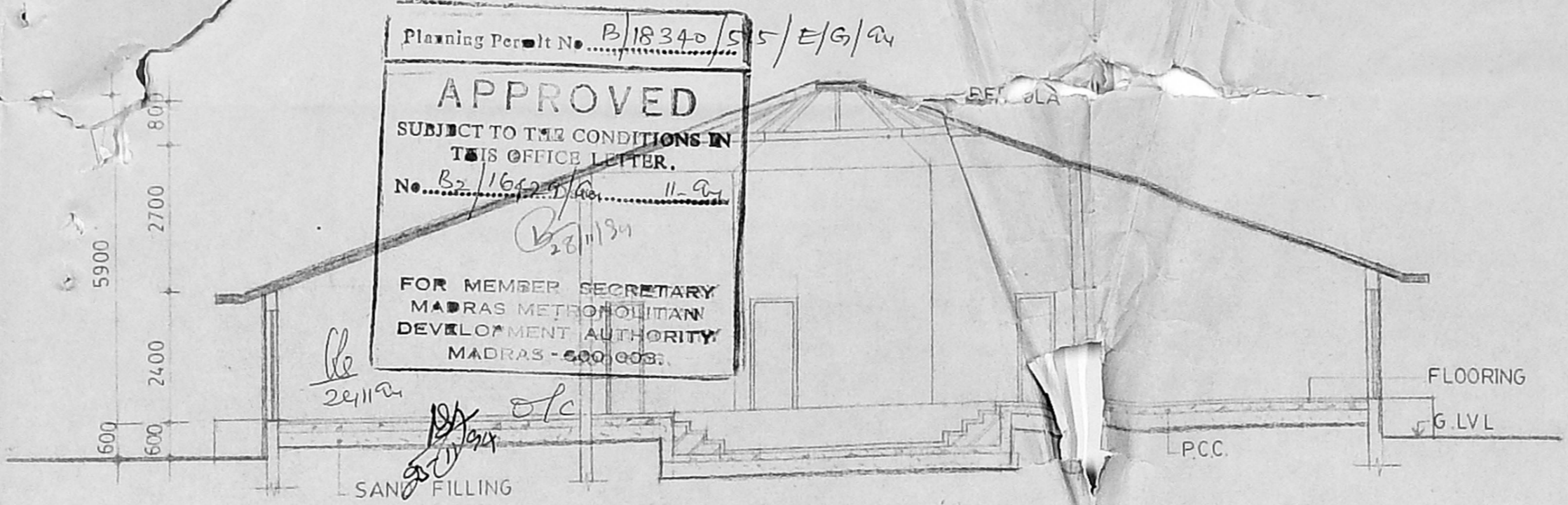
LICENSED SURVEYOR
 ASIT NARAYAN SENGUPTA
 M. Arch, M. I. T. (Urban Design Harvard)
 A.I.A. M. A. S. I. P.
 Architectural Member of Indian D. Signor, Transp.
 Council (No. 1000, 27th N. C. 1837)
 Member of the Council of Licensed Surveyors
 (Central Government Employees Welfare Housing Organisation)
 Chennai, India.

COUNCIL OF ARCHITECTS
 REGN NO CA/83/736

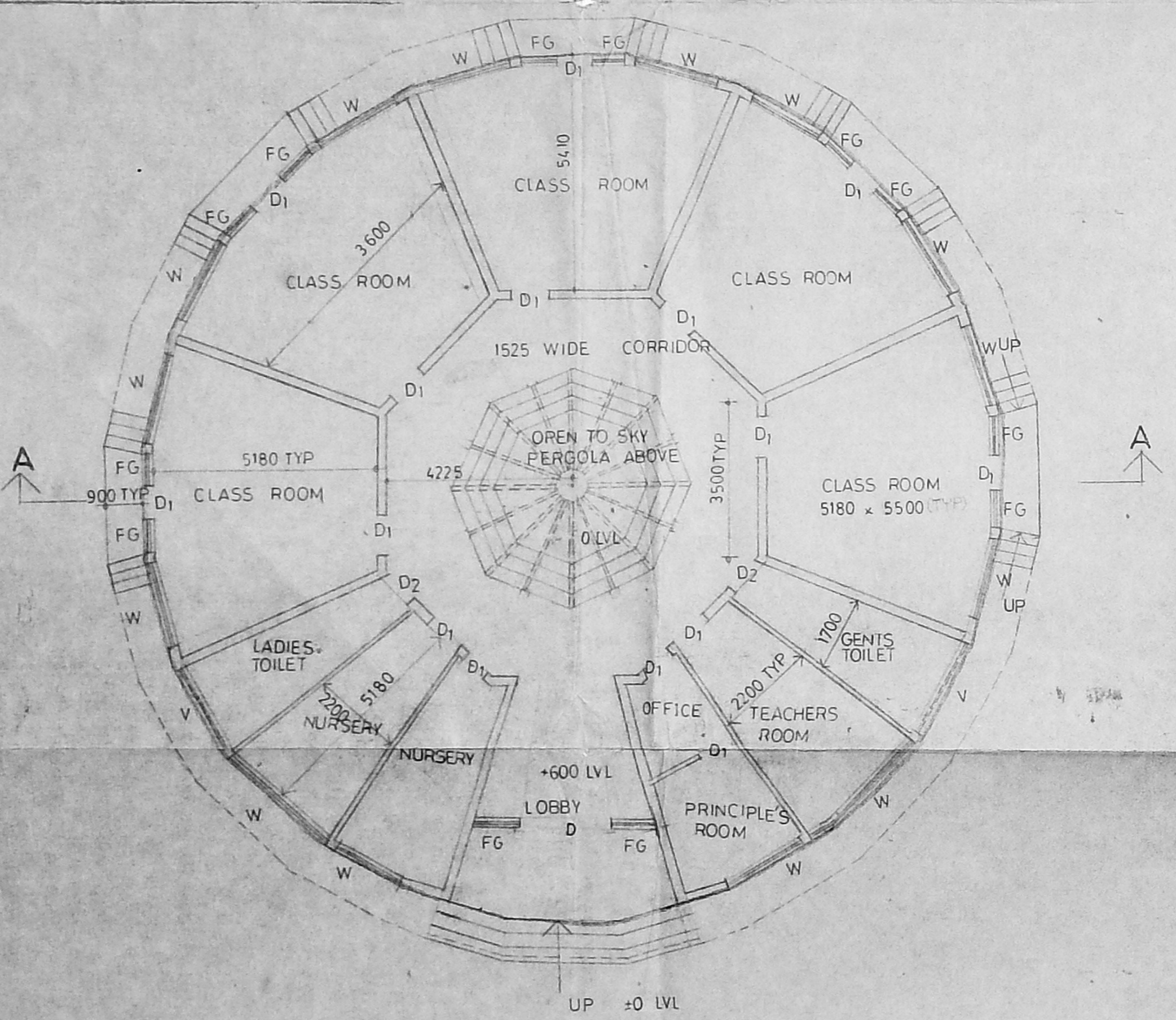
A.N. SENGUPTA
 M. Arch. (M.I.T) M. Urban design (Harvard)
 A. I. A., M. C. A., R. A. I. C., A. I. C. P.
 ARCHITECT AND PLANNER
 MADRAS



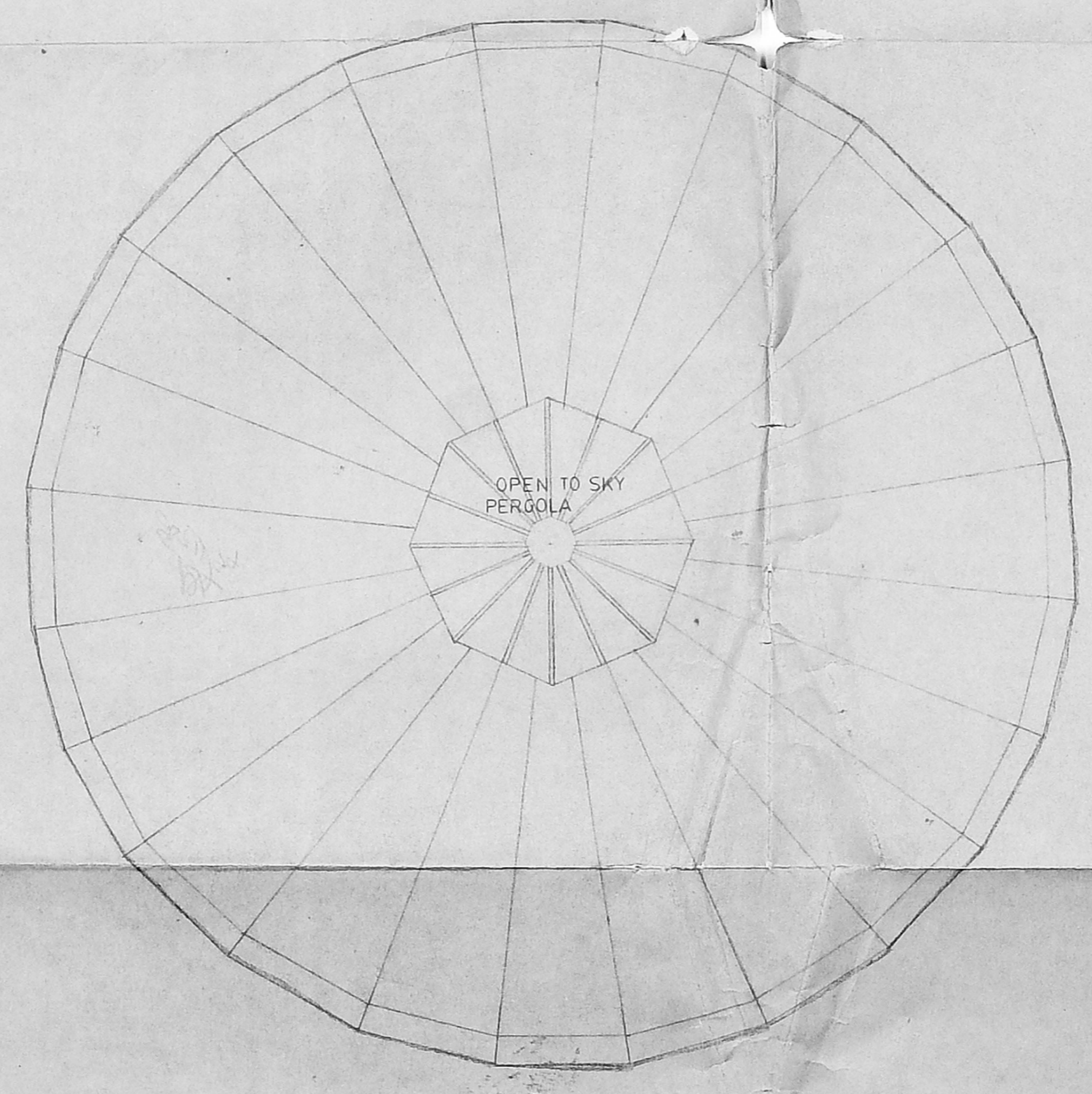
FRONT ELEVATION



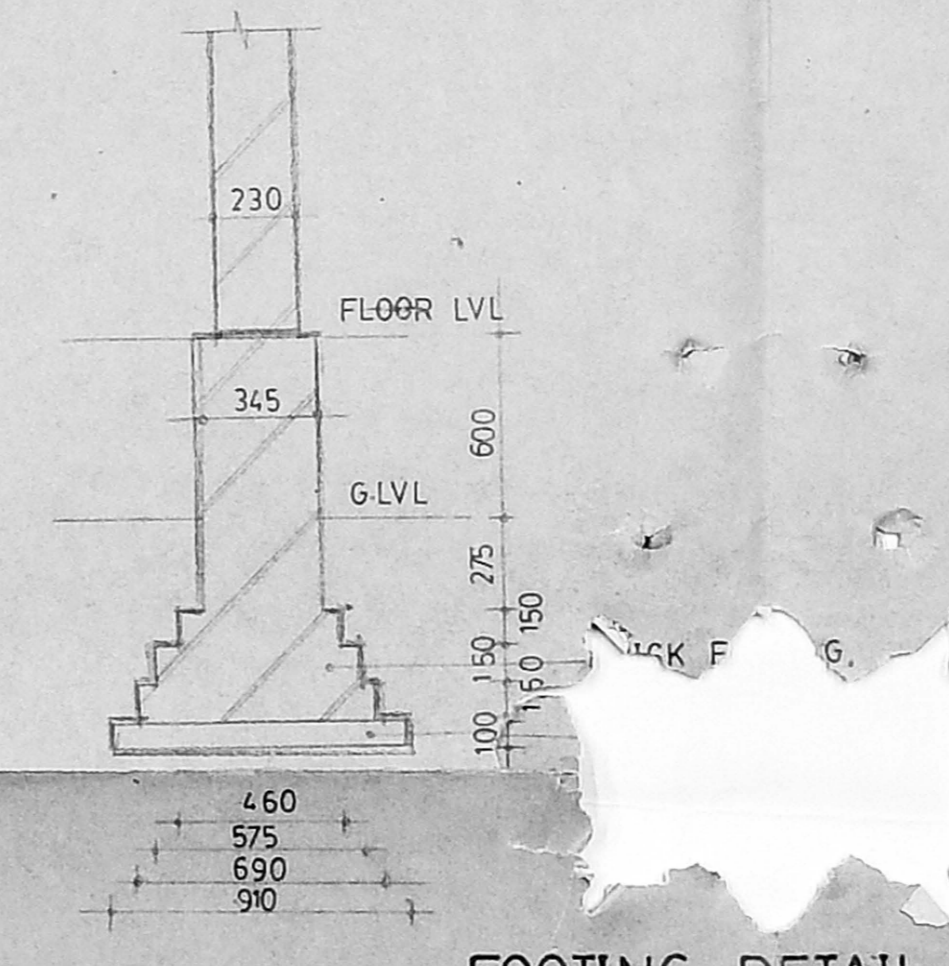
SECTION A A



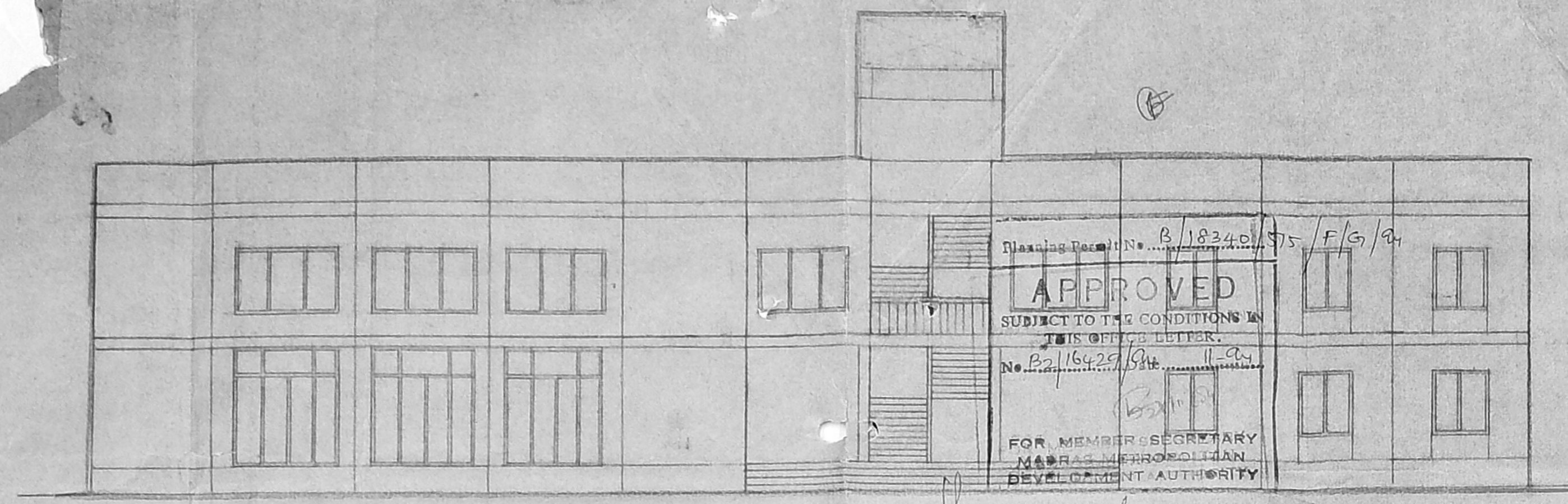
GROUND FLOOR PLAN



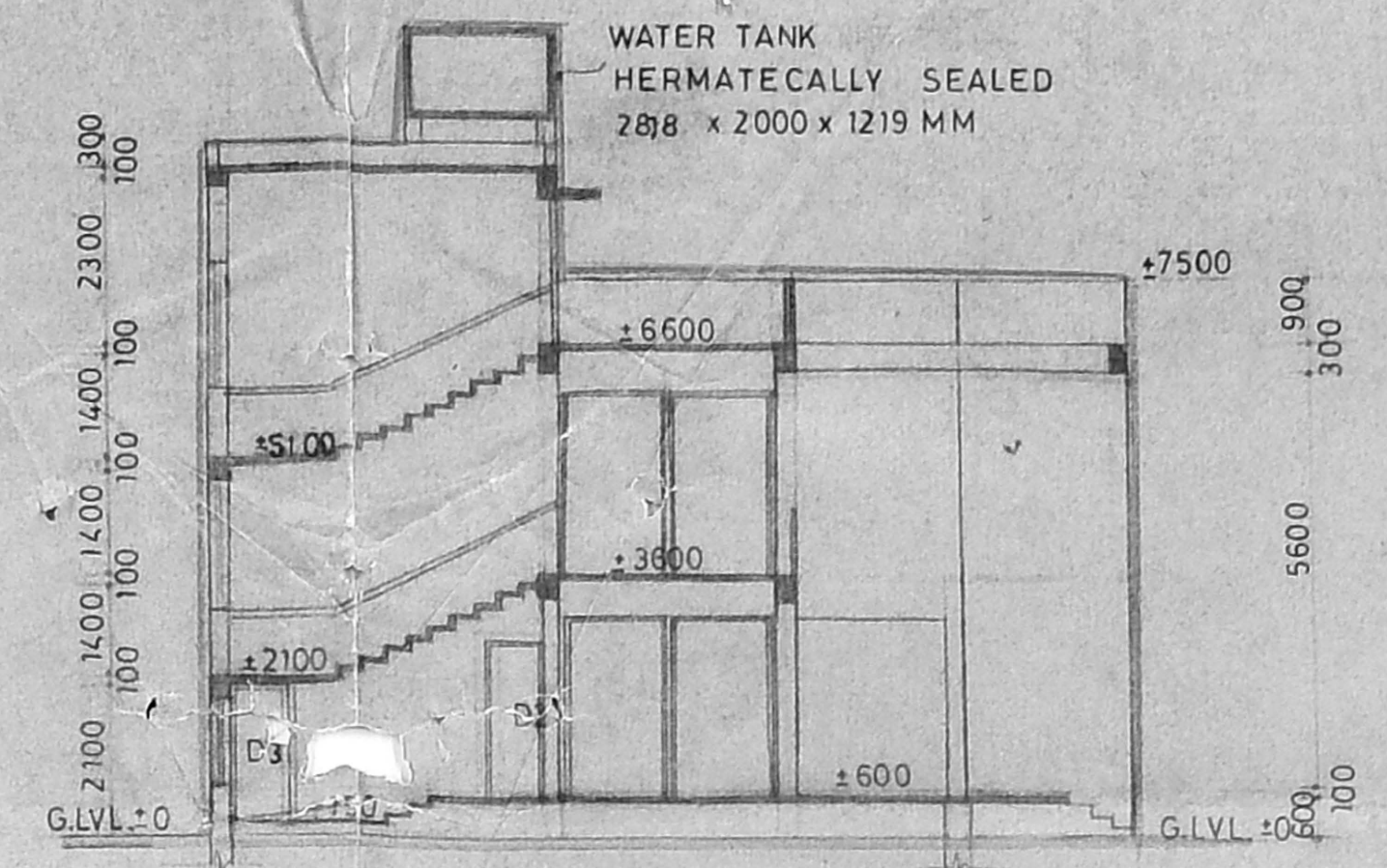
ROOF PLAN



FOOTING DETAIL

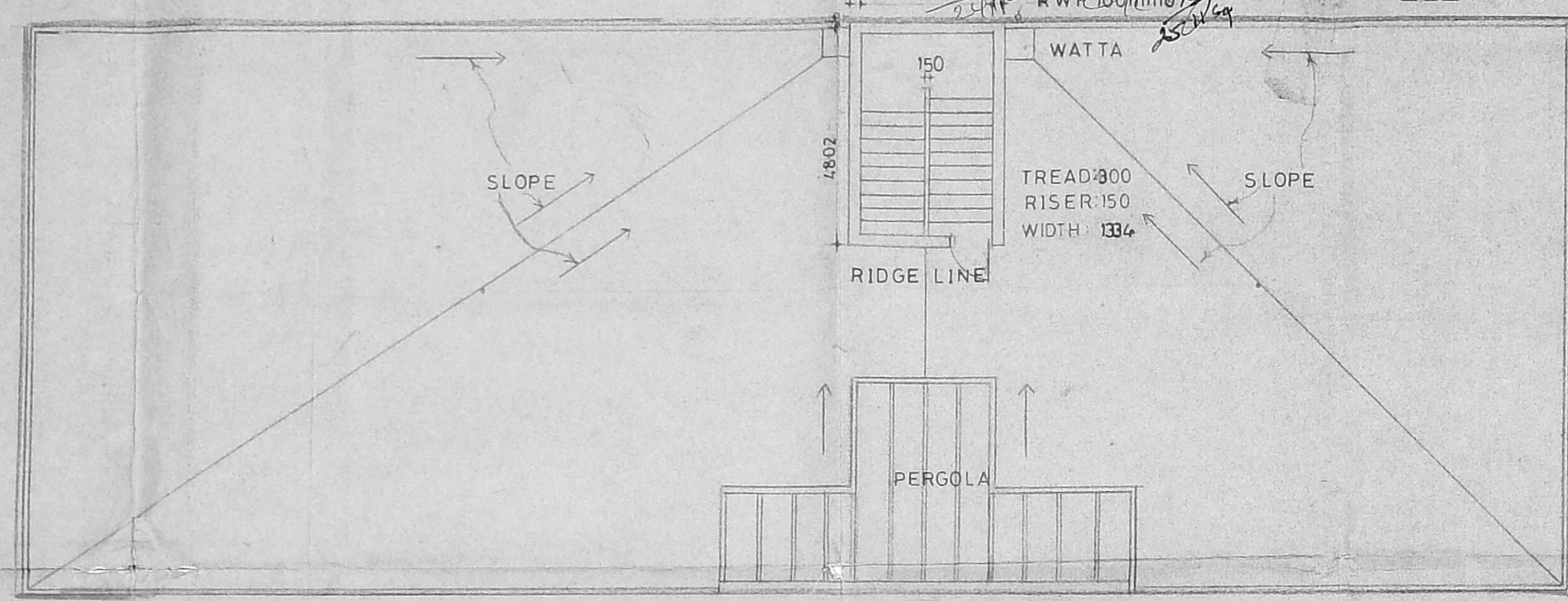


ELEVATION

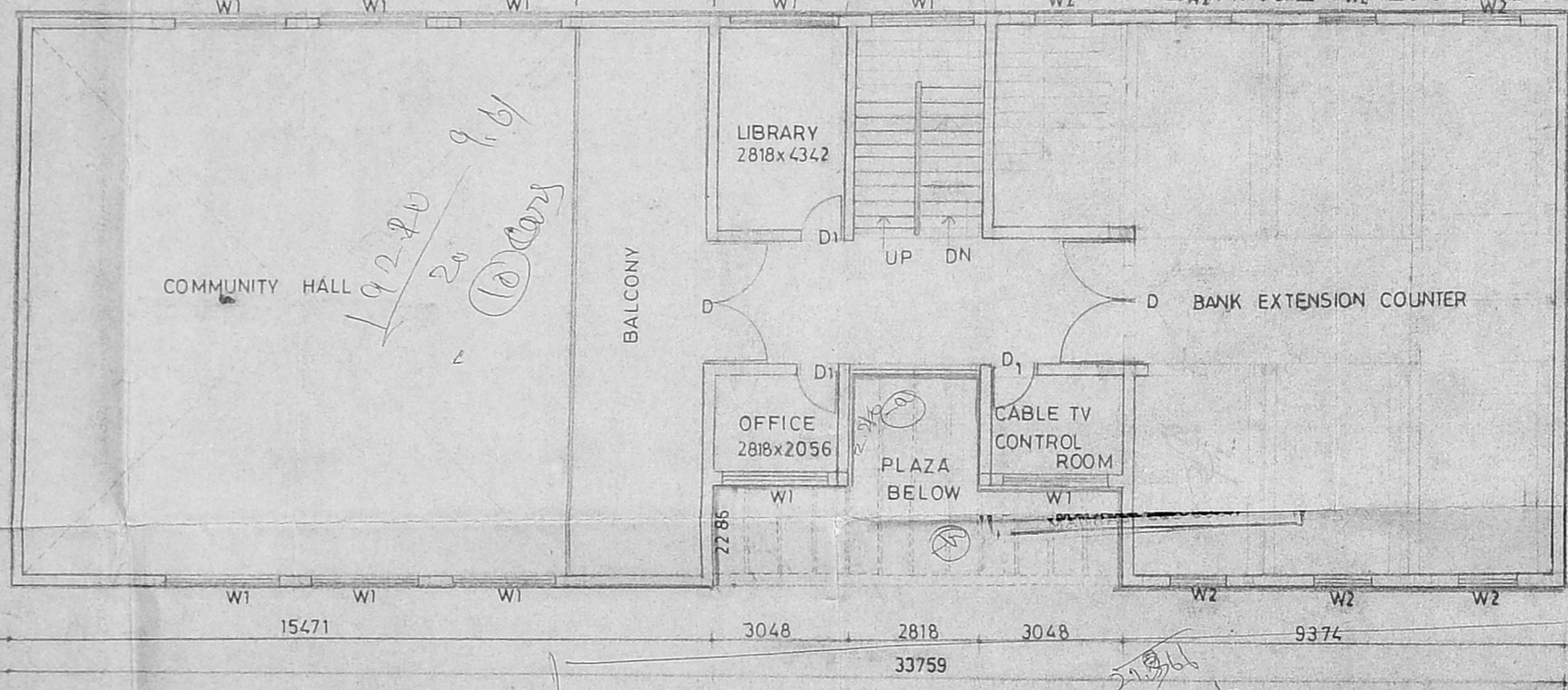


SECTION AA

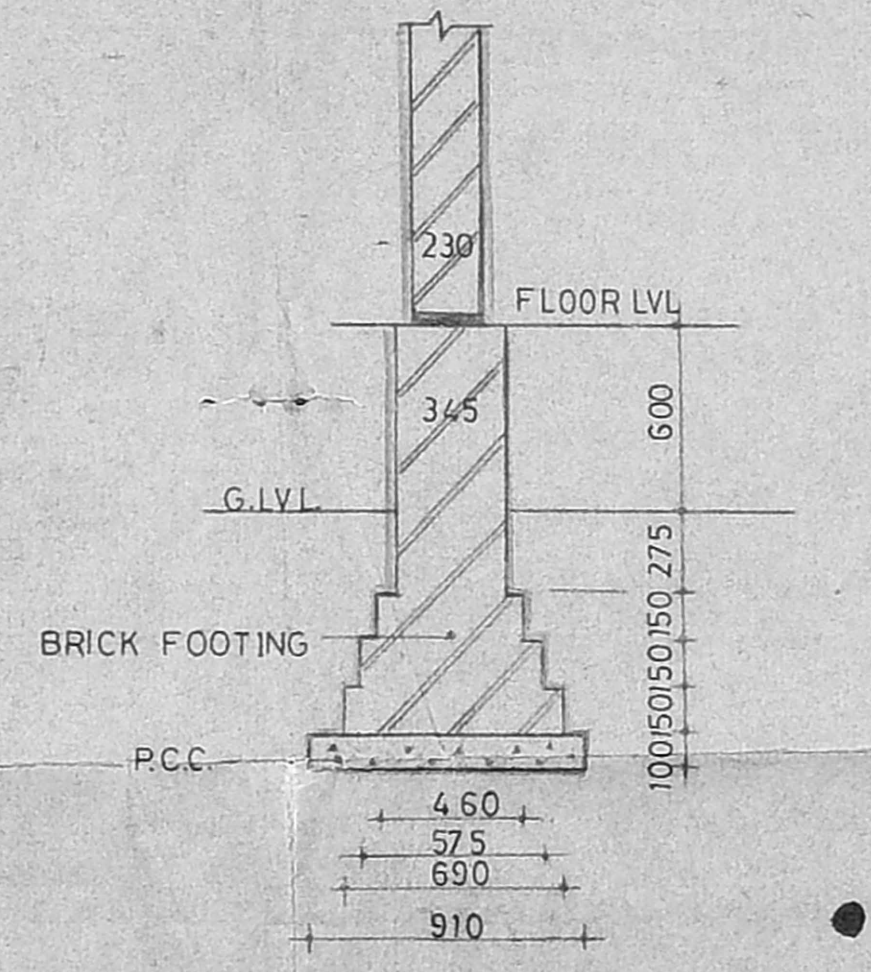
MMDA (B)/PP NO. B/2/147/193
 Part I
 Part II



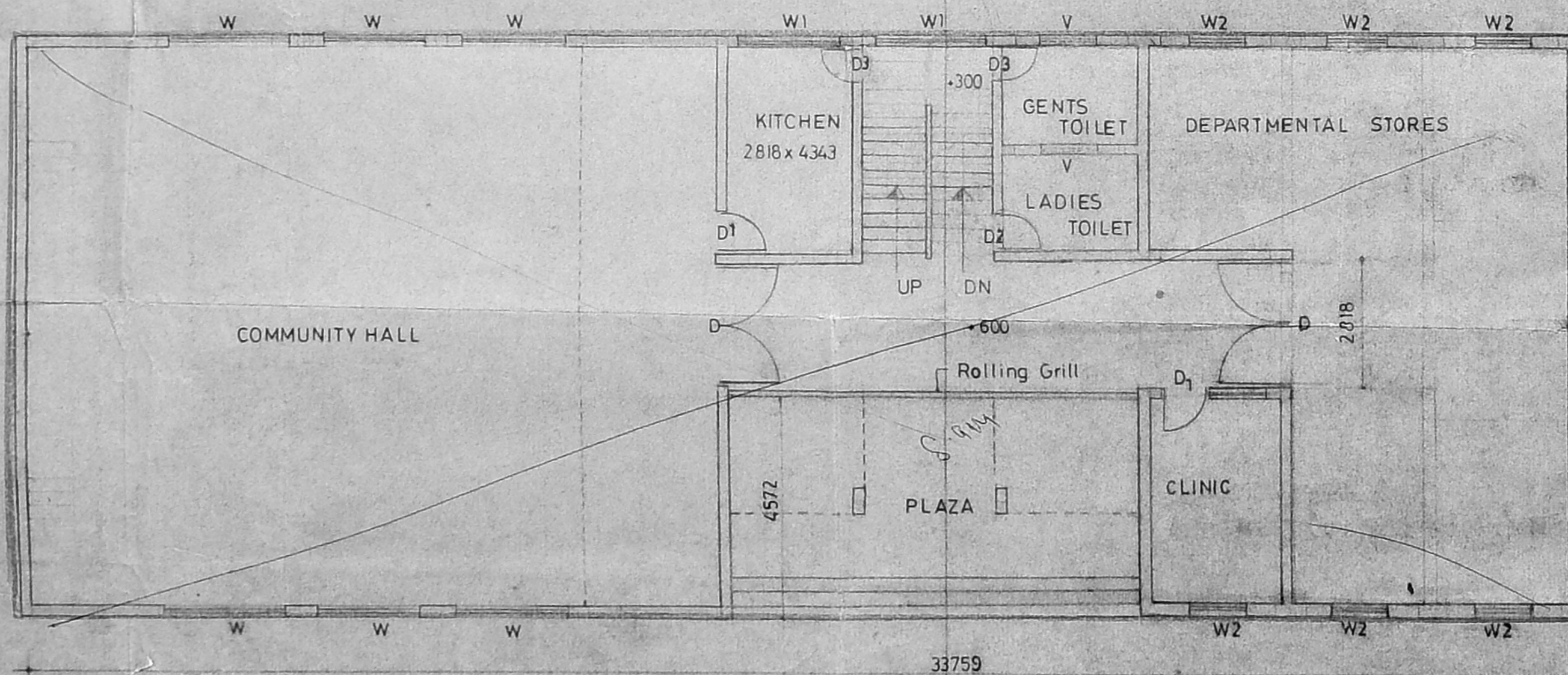
TERRACE FLOOR PLAN



FIRST FLOOR PLAN



FOUNDATION DETAIL



GROUND FLOOR PLAN

PROPOSED RESIDENTIAL FLATS IN PLOT NOS 77/9 78/4, 83/1, 83/2, 84/1, 84/2 & 85/1 OF NO 75 NOOMBAL VILLAGE SAIDAPET TALUK CHENGALPATTU MGR DIST FOR CGEWHO.

SPECIFICATION
 CEMENT CONCRETE IN FOUNDATION
 BRICKWORK IN FOOTING AND BASEMENT 1:5
 CEMENT FLOORING 40mm 1HK
 PLASTERING WITH CEMENT MORTAR 1:6 SUPER STRUCTURE
 SUPER STRUCTURE R.C.C. FRAMEWORK WITH BRICK
 WORK C.M 1:6
 LINTEL R.C.C. 1:2:4
 ROOF SLAB R.C.C. 1:2:4

SCHEDULE OF JOINERY

D	DOOR	2800 x 2100
D1	DOOR	900 x 2100
D2	DOOR	750 x 2100
D3	DOOR	750 x 1950
W	WINDOW	2200 x 2700
W1	WINDOW	2200 x 1500
W2	WINDOW	1200 x 1500
V	VENTILATOR	1200 x 600

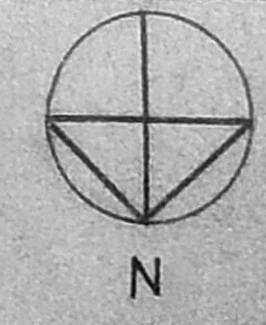
REFERENCE
 PROPOSED

AREA STATEMENT

GROUND FLOOR PLAN	379.311 M ²
FIRST FLOOR PLAN	249.982 M ²
TOTAL	629.293 M ²
GROUND FLOOR	
1. COMMUNITY HALL -	190.767
2. DEPARTMENTAL STORES -	91.451
3. CLINIC -	14.282
4. KITCHEN TOILET STAIRCASE PASSAGE	62.811
FIRST FLOOR	
1. BANK EXTENSION COUNTER -	130.735
2. LIBRARY -	15.367
3. OFFICE -	6.967
4. CABLE TV ROOM PASSAGE BALCONY & STAIRCASE	96.913
STAIR CASE HEAD ROOM -	15.741 M ²

SCALE	DATE	JOB NO	DRWG NO
1:100	27.08.93	HC 101-93	6

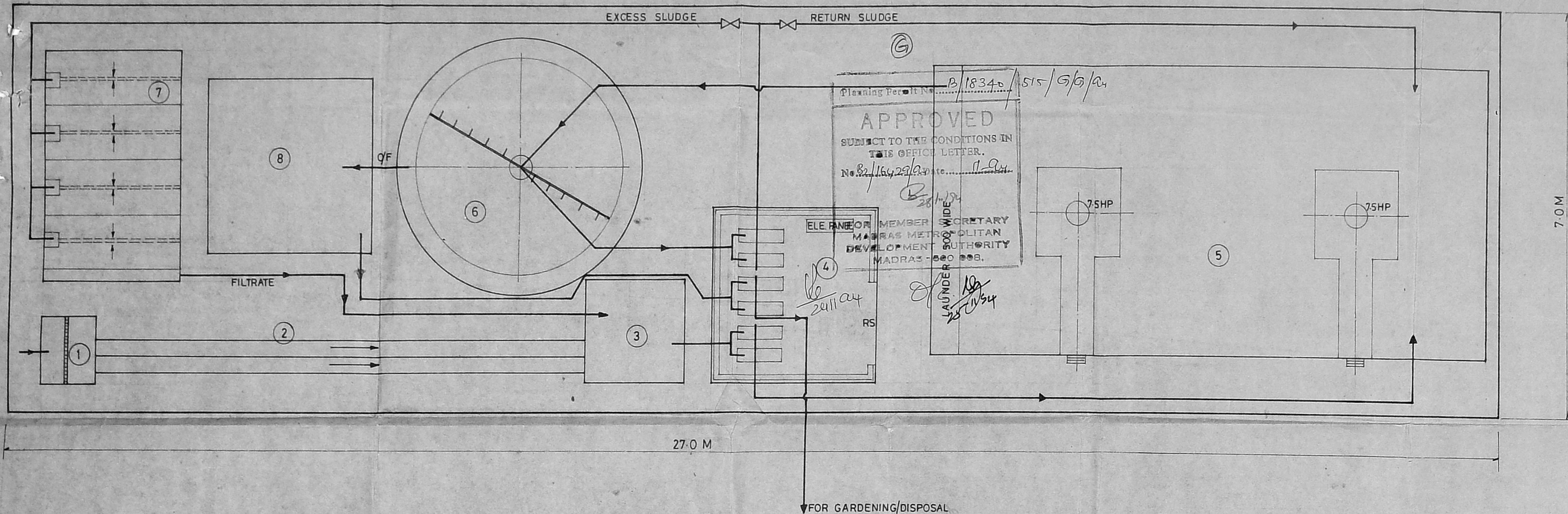
OWNER
 (R. C. BHALLA)
 Retired (Retd)
 Chief Executive Officer
 Central Government Employees
 Welfare Housing Organisation



LICENSED SURVEYOR

ASIT NARAYAN SENGUPTA
 M. Arch., M. I. T., M. Urban Design (Harvard)
 COUNCIL OF ARCHITECTS
 REGN NO: CA/83/73

A.N. SENGUPTA
 M. Arch., (M.I.T.), M. Urban design (HARVARD), A.I.A., M.C.A., R.A.I.C., A.I.C.P.
 ARCHITECT AND PLANNER
 MADRAS - 600 090.



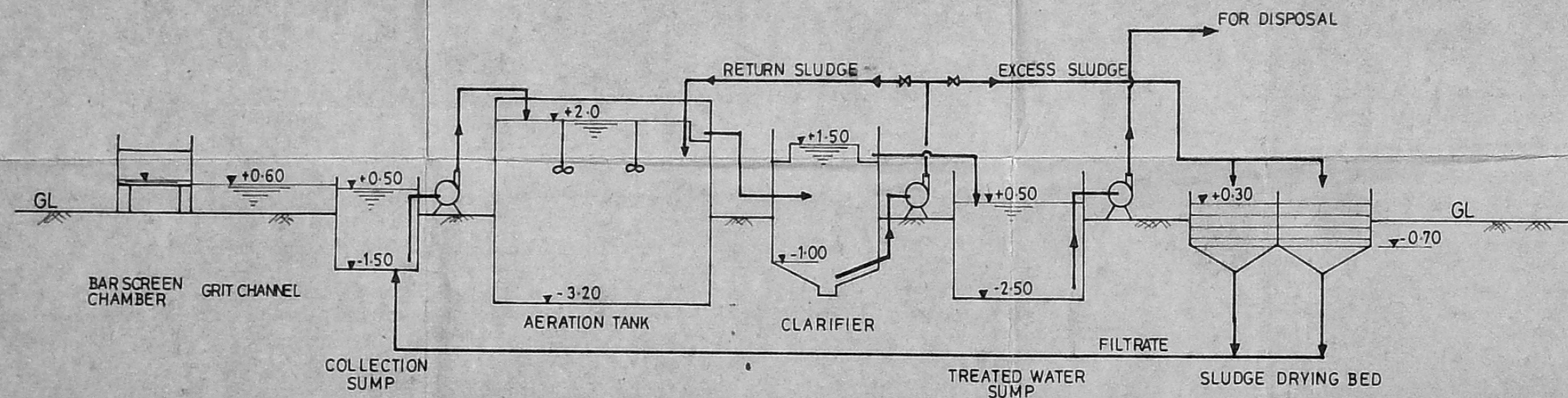
LAYOUT PLAN

LEGEND

- 1 BAR SCREEN CHAMBER ... 1.0 x 12 M
- 2 GRIT CHANNEL ... 9M LONG
- 3 COLLECTION SUMP ... 18x1.8 x 2.0M SWD
- 4 PUMP HOUSE ... 3.0 x 3.0 M
- 5 AERATION TANK ... 10.0 x 5.0 x 5.2M
- 6 CLARIFIER ... 4.5M ϕ x 2.5MSWD
- 7 SLUDGE DRYING BED 4NOS ... 2.5 x 4.0 M
- 8 TREATED WATER SUMP ... 3.0 x 3.0 x 3.0MSWD

NOTE:

- ALL DIMENSIONS AND LEVELS ARE IN METRES.



HYDRAULIC PROFILE

PROPOSED RESIDENTIAL FLATS FOR CENTRAL GOVT EMPLOYEES WELFARE HOUSING ORGANISATION AT NOOMBAL VILLAGE, MADRAS.

LAYOUT OF SEWAGE TREATMENT PLANT

SCALE	1:50	DRAWN	GS	DWG NO.
DATE	24.8.93	CHECKED		

S. Sivaramakrishnan M.Sc. Engg. M.B.A.
Structural Consultant
27/2, Railway Colony II Street,
Nelson Manickam Road,
Madras - 600 029.