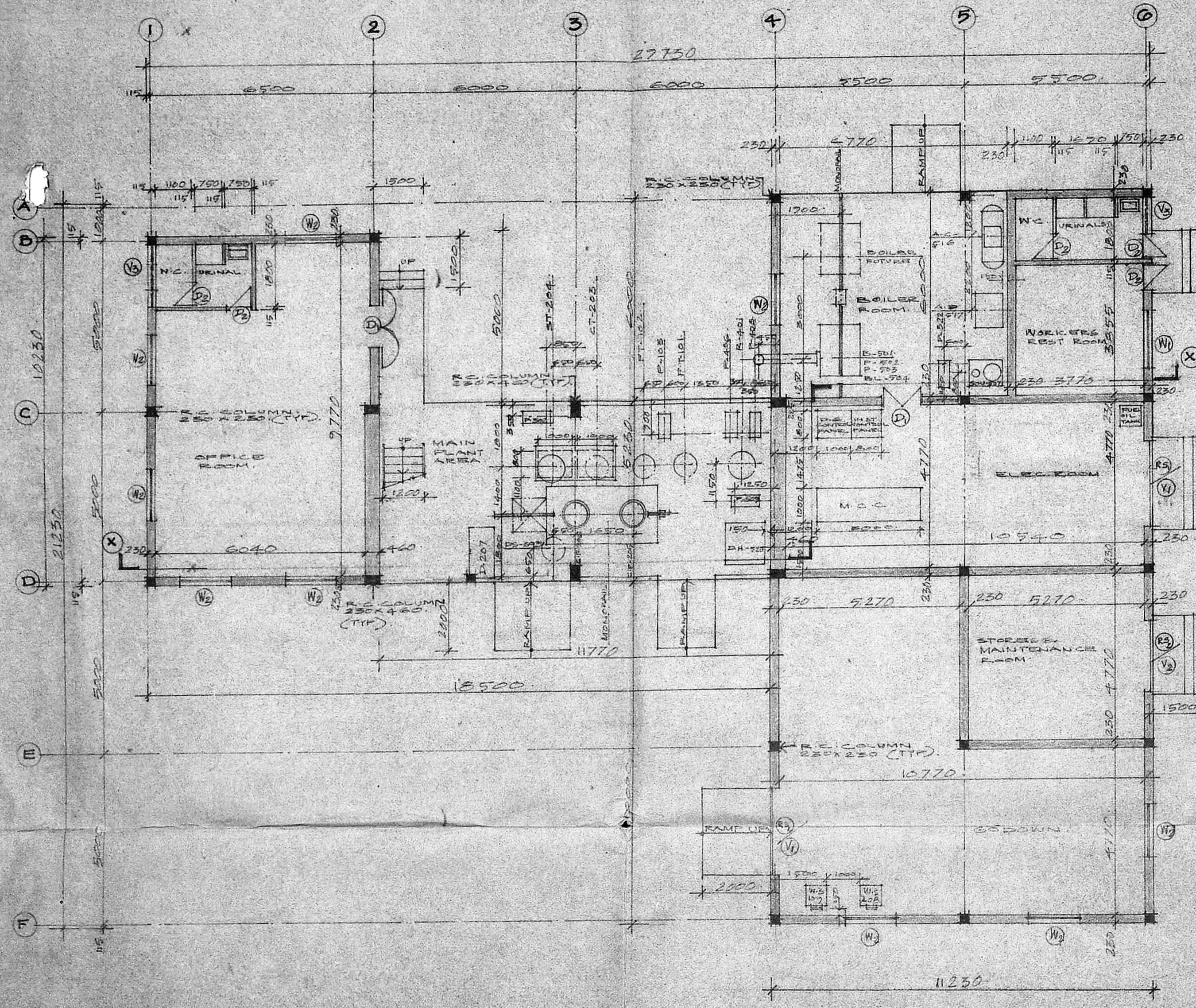
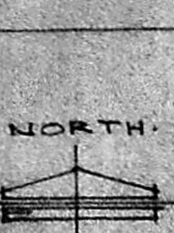
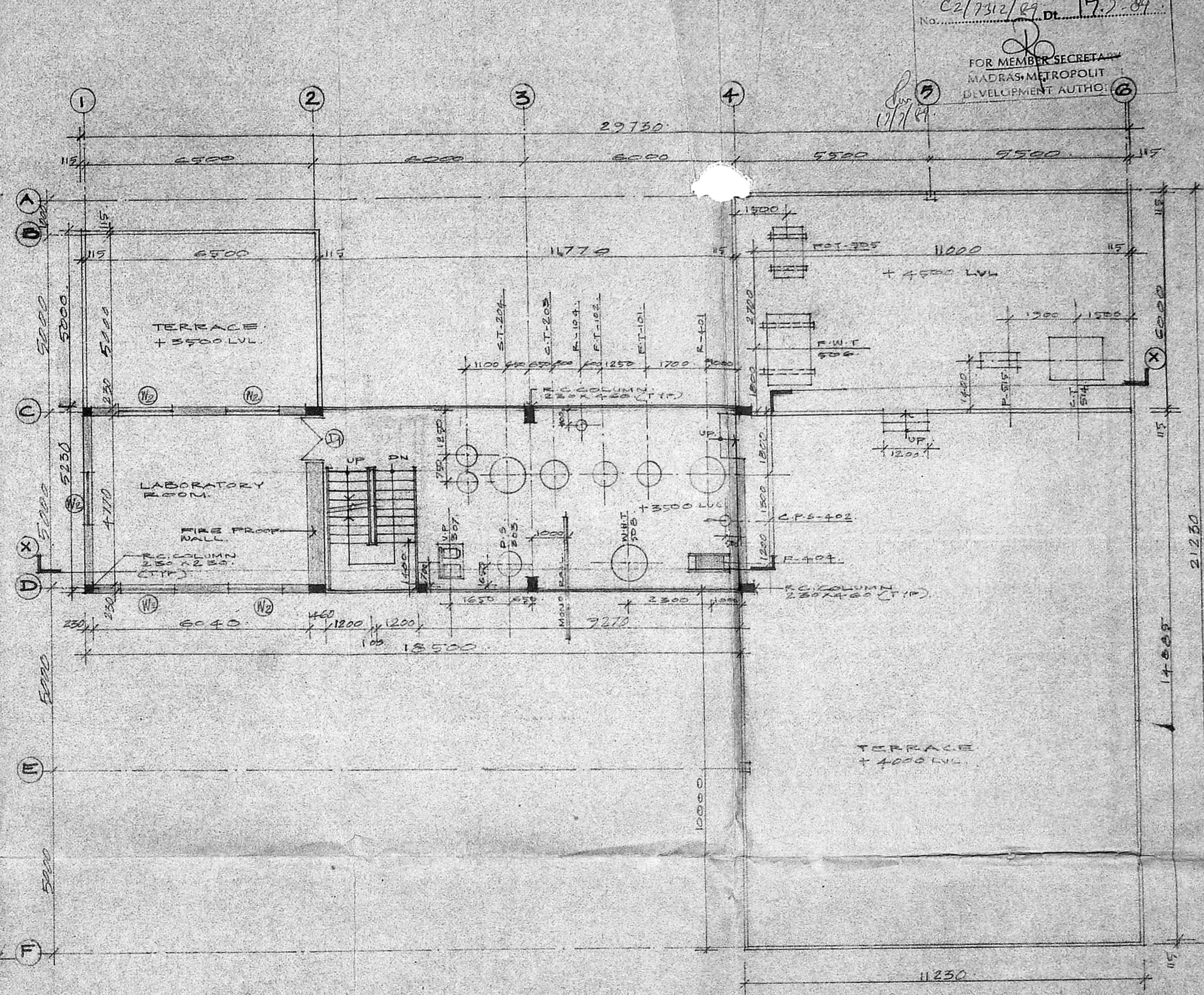


10/185/A/1/1/89
 APPROVED
 Subject to the conditions in
 this office letter
 No. C2/7312/89 Dt. 17.2.89
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY



GROUND FLOOR PLAN.



FIRST FLOOR PLAN.

LIST OF EQUIPMENT.

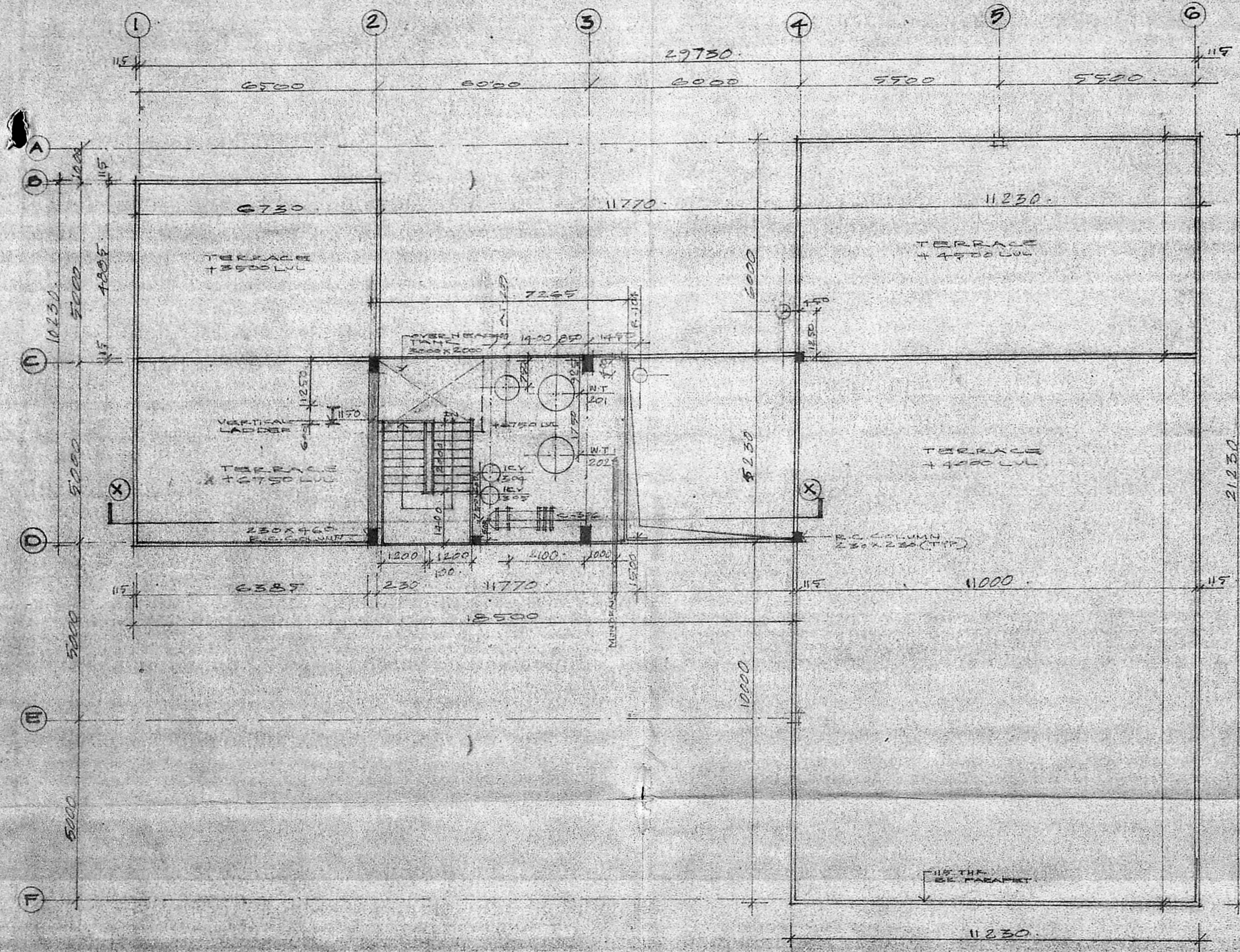
INDEX	DESCRIPTION	ELECTRICAL POWER REQUIREMENTS (HP)	INDEX	DESCRIPTION	ELECTRICAL POWER REQUIREMENTS (HP)
FT-101	PARA-CRISTOL FEED TANK NO-1	2.0HP	DS-202	DISTILLATION STILL	1.0HP
FT-102	PARA-CRISTOL FEED TANK NO-2	2.0HP	VF-207	VACUUM PUMPER	1.0HP
F-103	FLUORAL METERING PUMP	2.0HP	R-101	REACTOR NO-2 (PTOP)	3.0HP
CL-104	BUTYLBINE COMPRESSOR (SPURK)	25.0HP	F-102	PTOP TRANSFER PUMP	1.0HP
WT-201	NEUTRALIZING & WASHING TANK NO-1	3.0HP	F-403	FILTER	1.0HP
WT-202	NEUTRALIZING & WASHING TANK NO-2	3.0HP	F-404	IBN TRANSFER PUMP	0.5HP
CR-203	CRYSTALLIZATION TANK	1.0HP	B-501	BOILER	5.0HP
CP-204	CENTRIFUGER NO-1	3.0HP	F-502	FUEL OIL PUMP	1.0HP
CP-205	CENTRIFUGER NO-2	3.0HP	F-503	BOILER FEED WATER PUMP	0.5HP
D-307	DRYER	2.0HP	BL-504	BLOWER	1.0HP
AT-308	ALKALI SOLUTION FEED TANK	1.0HP	F-509	HOT WATER PUMP	0.5HP
FT-309	MOTHER LIQUOR TRANSFER PUMP	1.0HP	ST-514	COOLING TOWER	3.0HP

SCHEDULE OF DOORS & WINDOWS.

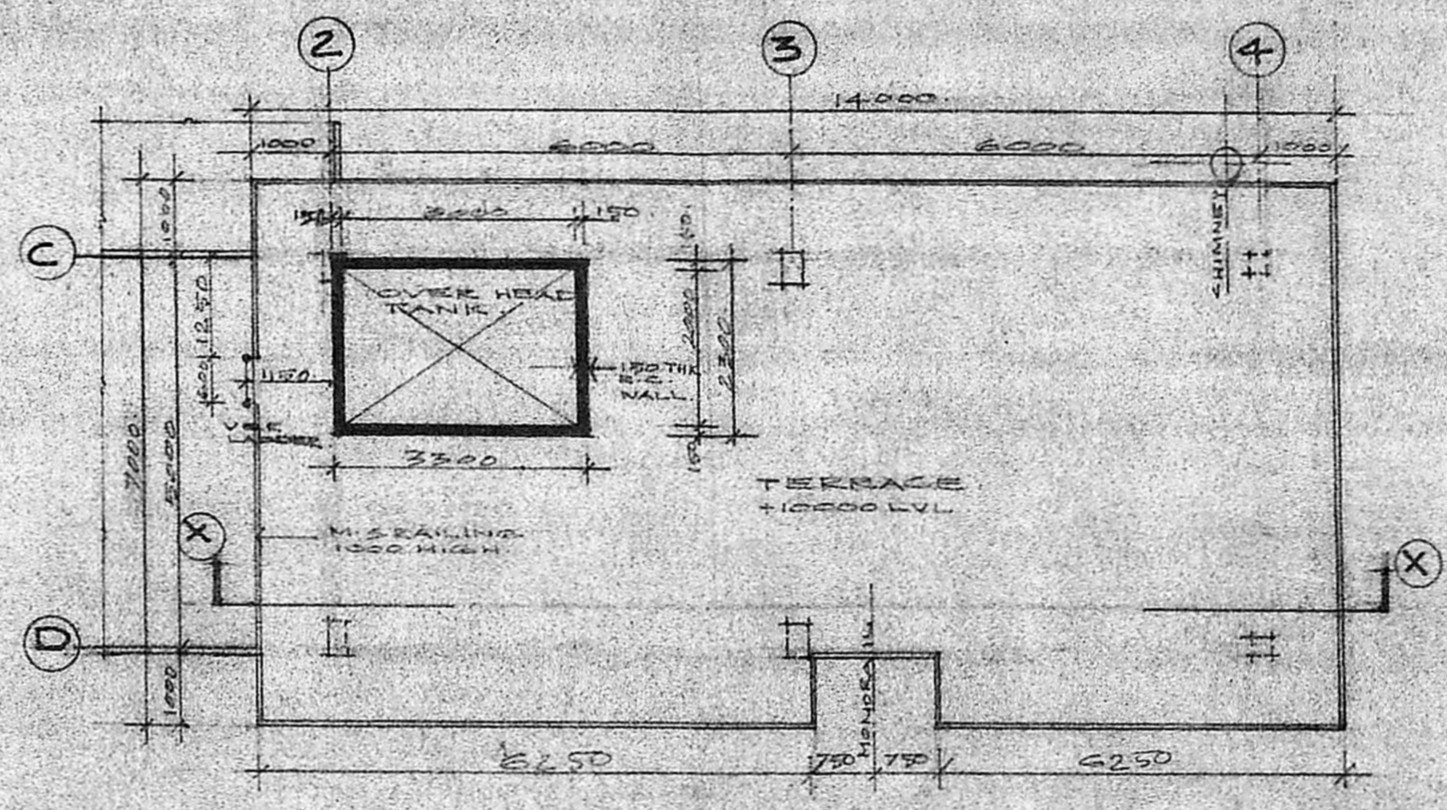
INDEX	SIZE	DESCRIPTION
1	2000 X 2130	M.S. ROLLING SHUTTER
2	2000 X 2130	M.S. ROLLING SHUTTER
3	1200 X 1130	T.W. FRAMED PANELLED DOOR
4	750 X 2130	T.W. FRAMED PANELLED DOOR
5	1750 X 1210	M.S. FRAMED GLAZED WINDOW
6	1500 X 1210	M.S. FRAMED GLAZED WINDOW
7	2500 X 600	M.S. FRAMED GLAZED VENTILATOR
8	2000 X 600	M.S. FRAMED GLAZED VENTILATOR
9	1800 X 600	M.S. FRAMED GLAZED VENTILATOR
TOTAL		

BALMER LAWRIE & CO. LTD.
 For MODY & SARKAR
 B. SARKAR B.Arch., A.I.A.
 Regd. Architect: CA/80/5872,
 LICENSED SURVEYOR: R.A. 17
 LICENSED SURVEYOR

BALMER LAWRIE & CO. LTD.
 MANALI
 MADRAS-28
 ANTIOXIDANTS & FUNCTIONAL
 ADDITIVES PLANTS.
 GROUND & FIRST FLOOR PLAN.
 CONSULTING ENGINEERS & ARCHITECTS
 MODY & SARKAR.
 353, POONAMALLEE HIGH ROAD,
 THYAGARAJA COMPLEX,
 MADRAS-600 010.
 A. R. BALASUBRAMANIAM
 LICENSED SURVEYOR,
 TIRUVOTTIUR MUNICIPALITY,
 22, WEST MADA ST.,
 VALADIPET, MADRAS-19.



SECOND FLOOR PLAN.



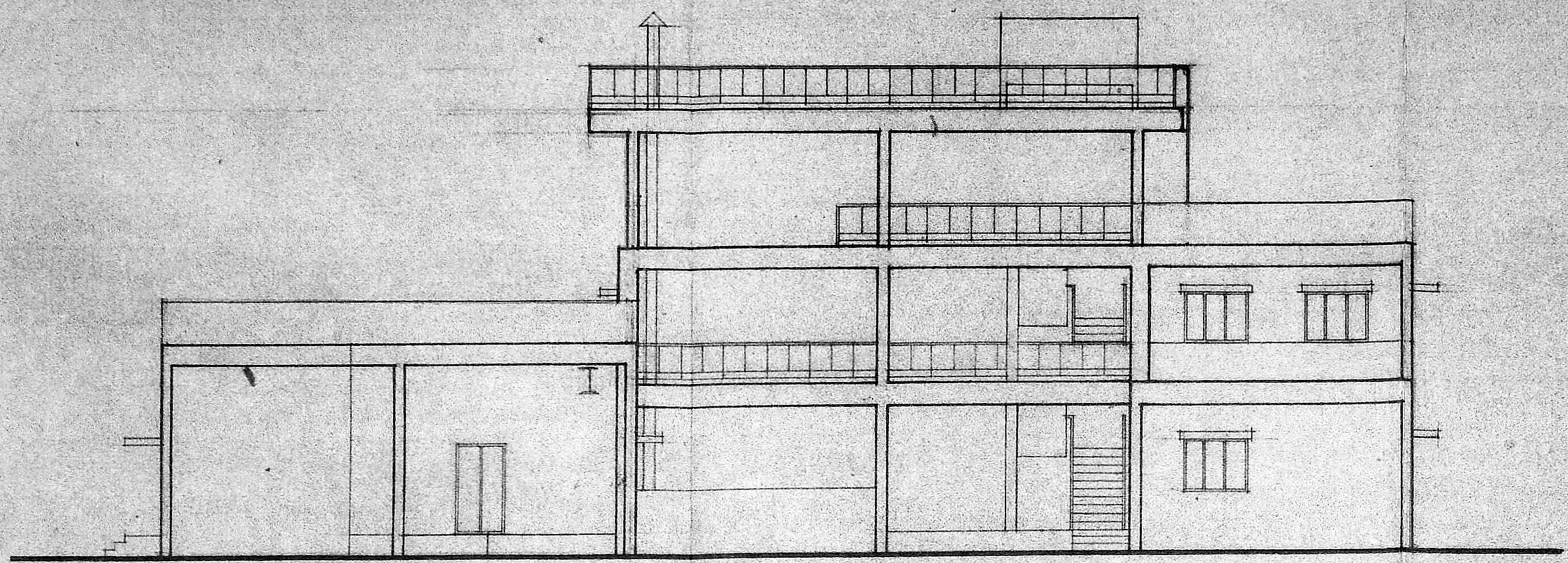
ROOF PLAN.

02/11/89/3/4/89
 Planning Permit No.
APPROVED
 Subject to the conditions in
 this office letter
 No. C2/7312/89 Dt. 17.2.89
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY
 17/2/89

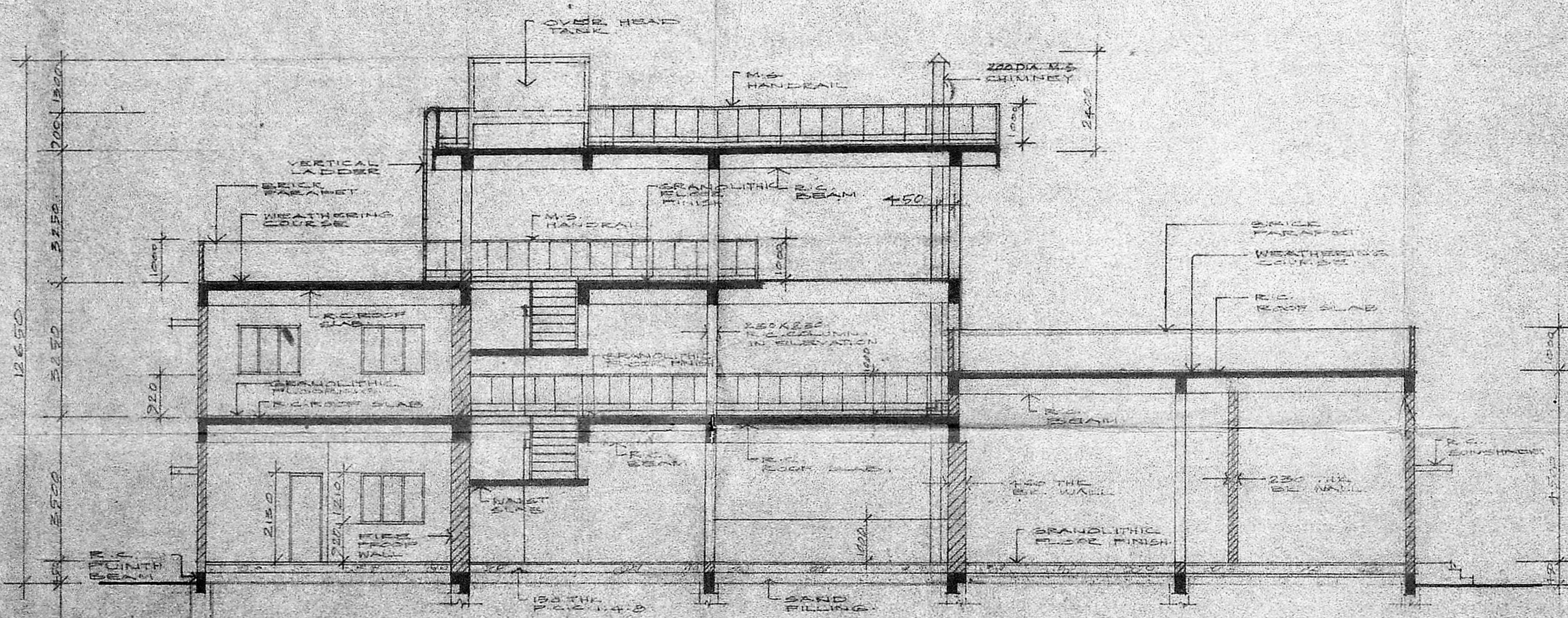
For BALMER LAWRIE & CO. LTD. <i>[Signature]</i> General Manager.	For MODY & SARKAR <i>[Signature]</i> B. SARKAR B.Arch., A.I.A. Regd Architect: CA/80/5872, LICENSED SURVEYOR: R.A. 17 LICENSEE SURVEYOR.
---	---

BALMER LAWRIE & CO. LTD. MANALI, MADRAS-60. ANTIOXIDANTS & FUNCTIONAL ADDITIVES PLANTS.	
SECOND FLOOR PLAN & ROOF PLAN.	LINE NO. N/A/P/M/2
CONSULTING ENGINEERS & ARCHITECTS MODY & SARKAR 233, PRAJAMALLA HIGH ROAD, TRISAGARAI COMPLEX, MADRAS-600 010.	SCALE 1:1000
<i>[Signature]</i>	DATE 30-1-89
A. R. BALASUBRAMANIAM LICENSED SURVEYOR	SHEET A/R/M/2

5



FRONT ELEVATION.



SECTION (XX)

c/100/188/c/1/87
 Planning Permit No.
APPROVED
 Subject to the conditions in
 this office letter
 No. c/2/7312/89 dt. 17.2.89
 FOR MEMBER SECRETARY
 MADRAS METROPOLITAN
 DEVELOPMENT AUTHORITY

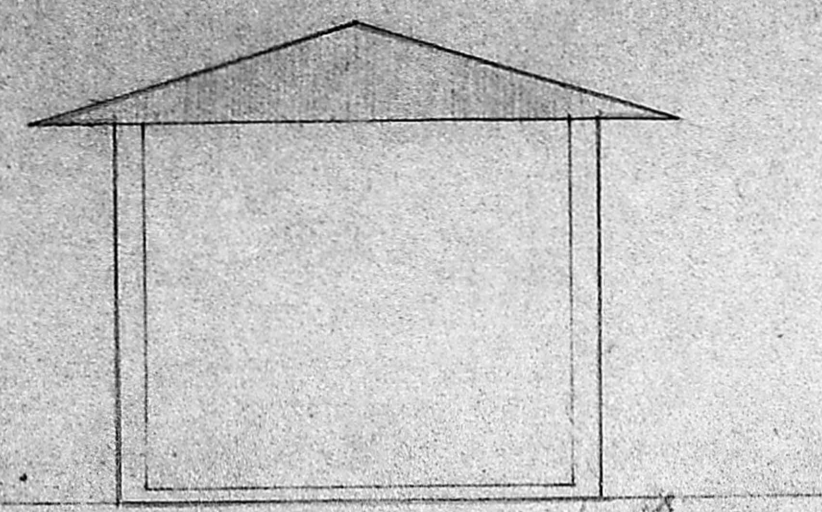
o/c
 17/2/89

PROPOSED WORK
 For MODY & SARKAR
 B. SARKAR B.Arch., A.I.I.A.
 Regd Architect: CA/80/5872,
 LICENSED SURVEYOR: RA/17
 LICENSED SURVEYOR

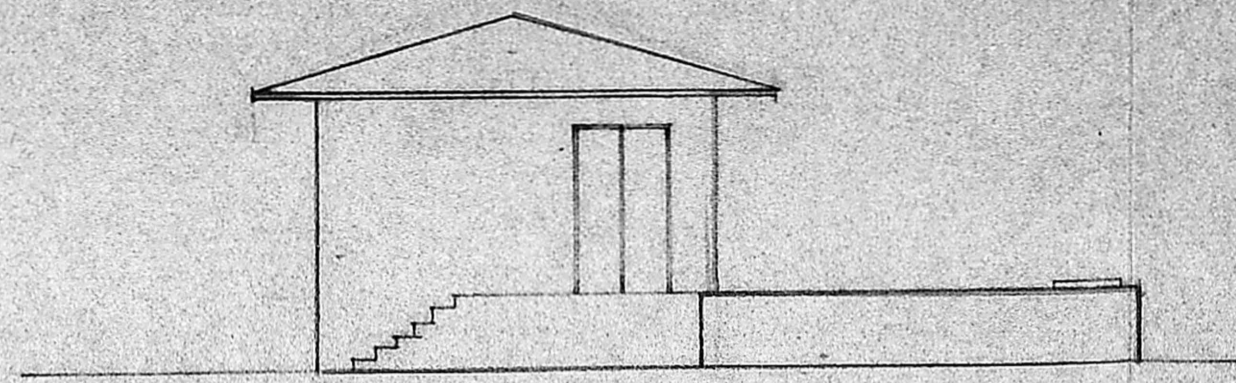
BALMER LAWRIE & CO. LTD.
 100, RAJAGOPALAN ROAD,
 CHENNAI - 600 002.
 ANTIOXIDANTS & FUNCTIONAL
 ADDITIVES PLANTS.

SECTION & ELEVATION.
 CONSULTING ENGINEERS & ARCHITECTS
MODY & SARKAR,
 105, PERIYAR ROAD, HIGH ROAD,
 THIRUVARUR, TAMIL NADU,
 MADRAS 620 002.

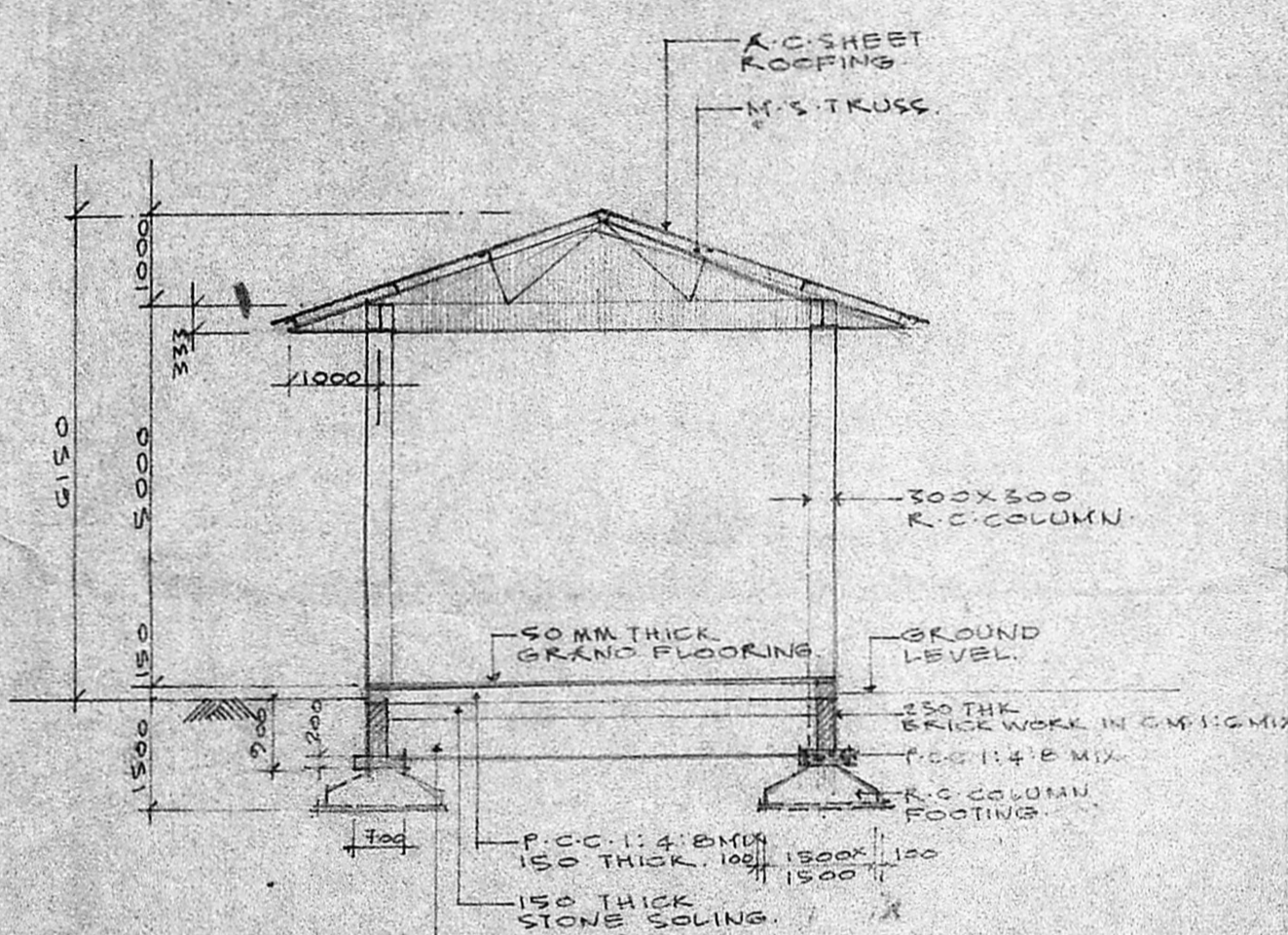
SCALE: 1/100
 DATE: 6-2-89
 BY: A. R. BALASUBRAMANIAM
 LICENCED SURVEYOR,
 THIRUVARUR MUNICIPALITY,
 22, WEST MADA ST.,
 KALASPET, MADRAS 620 002.



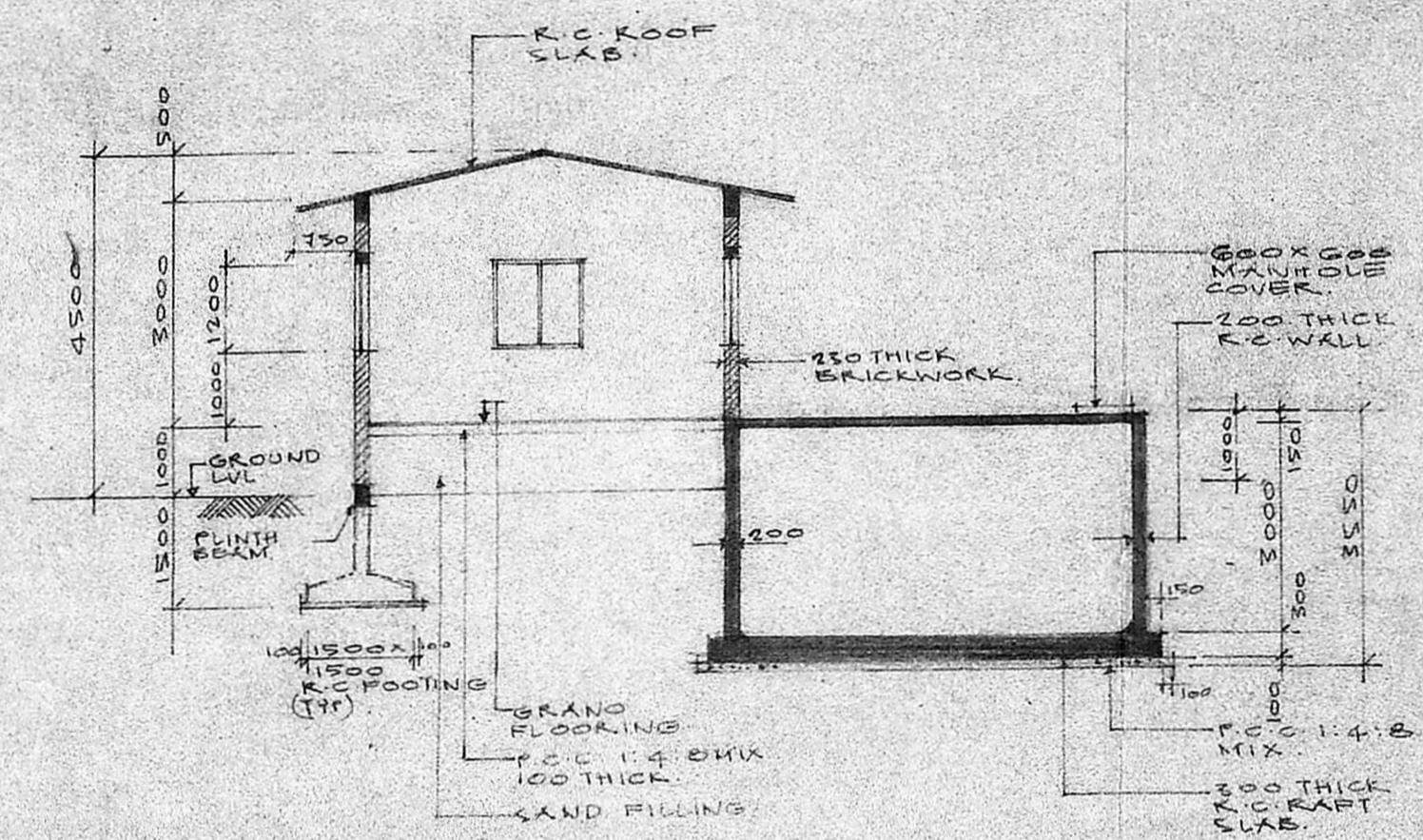
ELEVATION



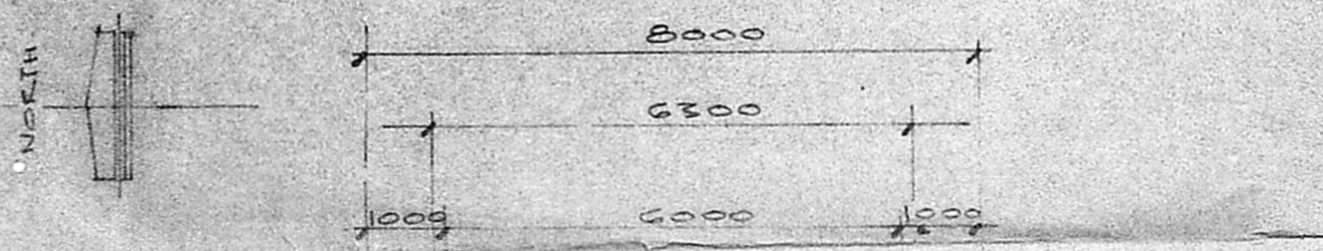
ELEVATION



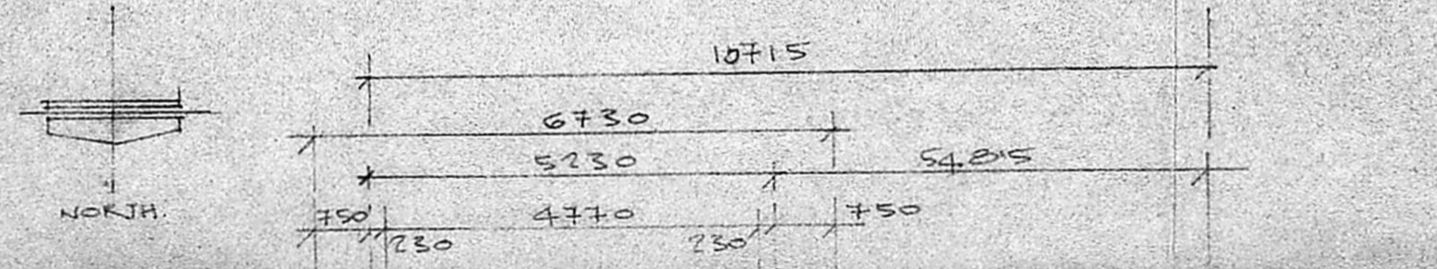
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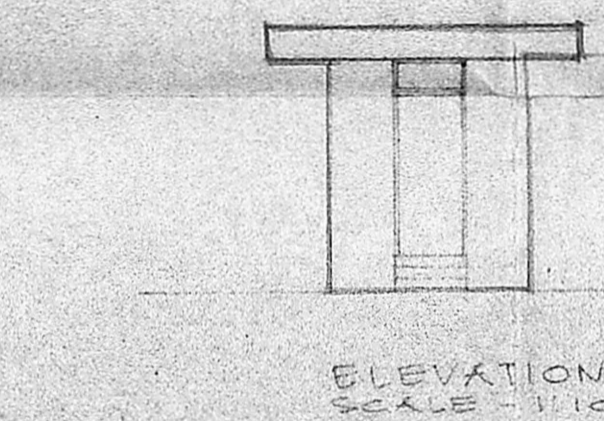
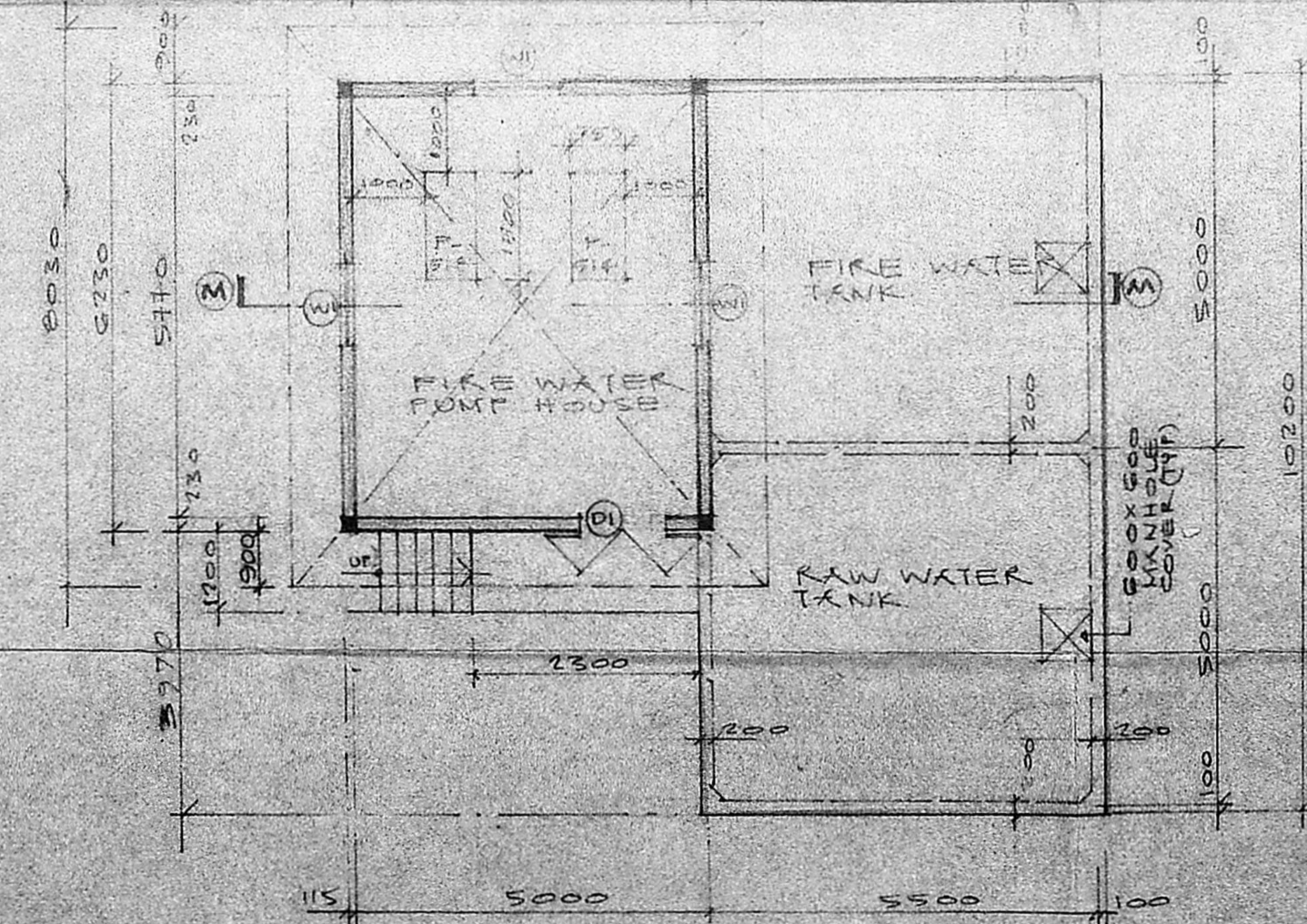
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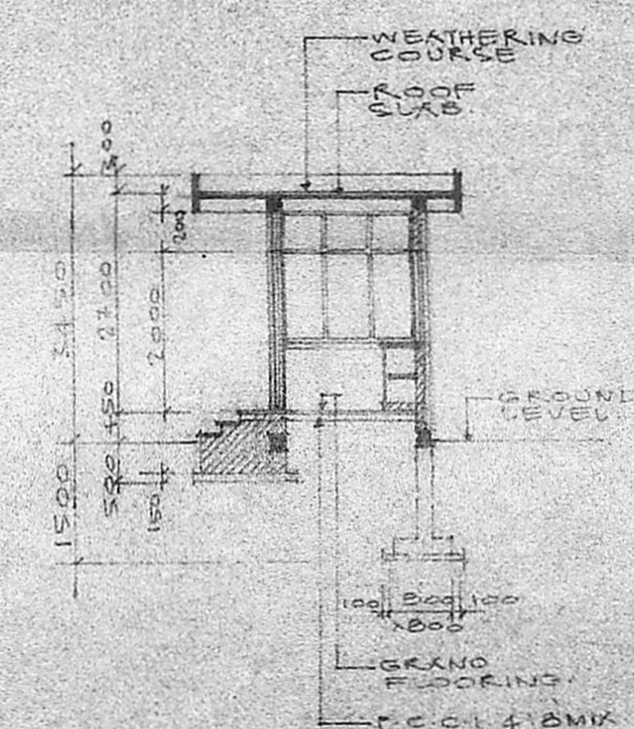
PLAN. SCALE - 1:100



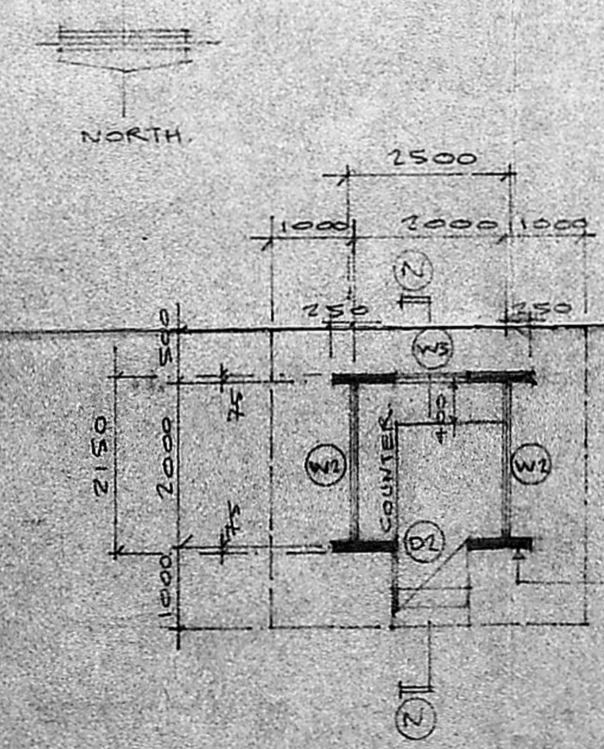
PLAN. SCALE - 1:100



ELEVATION SCALE - 1:100



SECTION - NN

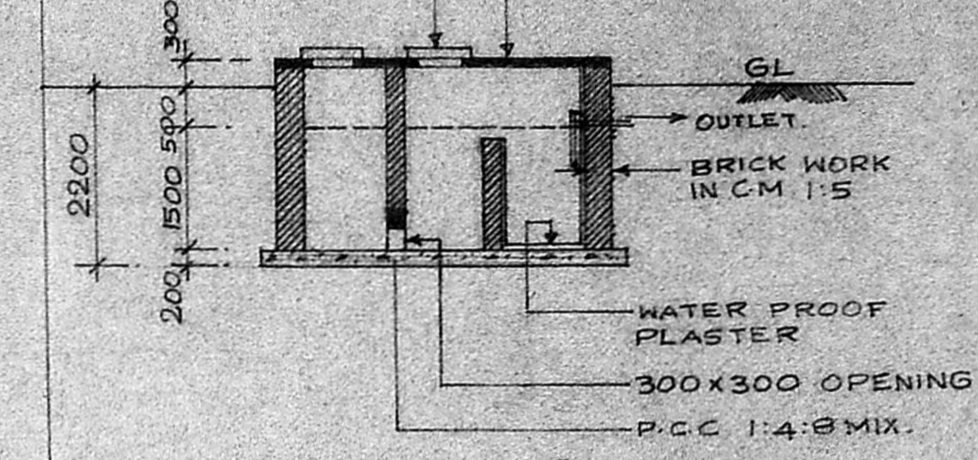


GUARD ROOM PLAN SCALE - 1:100

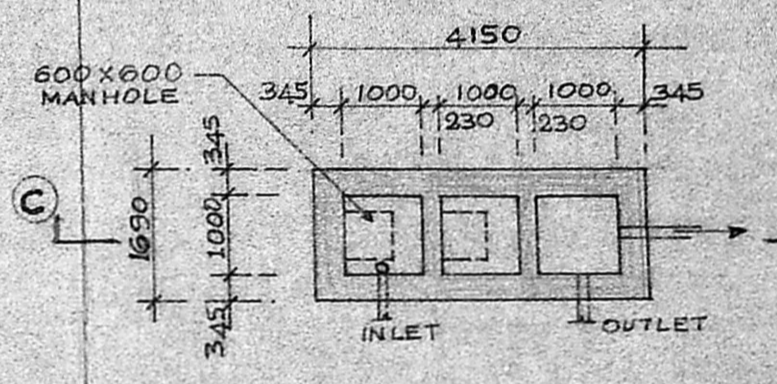
PROPOSED WORK

02/03/12/10/10/10

APPROVED
Subject to the conditions in this office letter
No. 02/9312/10/10/10 Dt. 17.2.89
FOR MEMBER SECRETARY
700 X 700 MANHOLE
R.C. COVER & DIBBY
500 X 600 MANHOLE (TYP)
R.C. SLAB



SECTION - CC



PLAN SCALE 1:100

SEPTIC TANK

A. R. BALASUBRAMANIAM
LICENCED SURVEYOR,
THIRUVOTTIYUR MUNICIPALITY,
22, WEST MADA ST.,
KALADIPET, MADRAS - 19

SCHEDULE OF DOORS & WINDOWS.

INDEX	SIZE	DESCRIPTION
(D)	1200 X 2200	T.W. FRAMED PANELLED DOOR
(D1)	515 X 2500	T.W. FRAMED PANELLED DOOR WITH VENTILATOR
(W)	1000 X 1750	M.S. FRAMED GLAZED WINDOW
(W1)	1515 X 1750	M.S. FRAMED GLAZED WINDOW WITH VENTILATOR
(W2)	1000 X 1750	M.S. FRAMED GLAZED WINDOW WITH VENTILATOR

BALMER LAWRIE & CO. LTD.,
General Manager.

For MODY & SARKAR
B. SARKAR B.Arch., A.I.T.A.
Regd. Architect: CA/80/5872,
LICENCED SURVEYOR: R.A. 17

BALMER LAWRIE & CO. LTD.
AT MANALI, MADRAS 68
ANTIOXIDANTS & FUNCTIONAL ADDITIVES PLANTS

TANKER UNLOADING SHED, FIRE WATER TANK, RAW WATER TANK, PUMP HOUSE, GUARD ROOM & SEPTIC TANK

CONSULTING ENGINEERS & ARCHITECTS, SCALE 1:100

MODY & SARKAR,

833, POONAMALLEE HIGH ROAD, THYAGARAJA COMPLEX, MADRAS 10

DRG NO. A/AF/M/4
DATE 30.1.89
DELT.

C/00/188/0/A/89

Permit No.

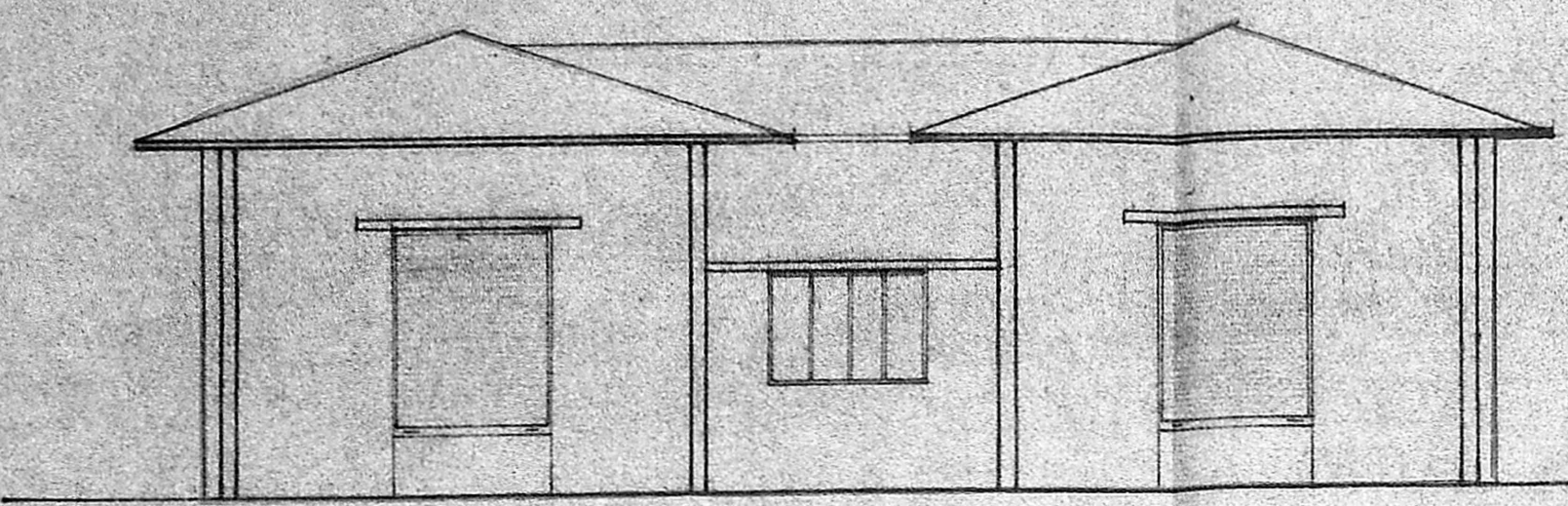
APPROVED
Subject to the conditions in this office letter

02/2312/89 Dt. 17.2.89

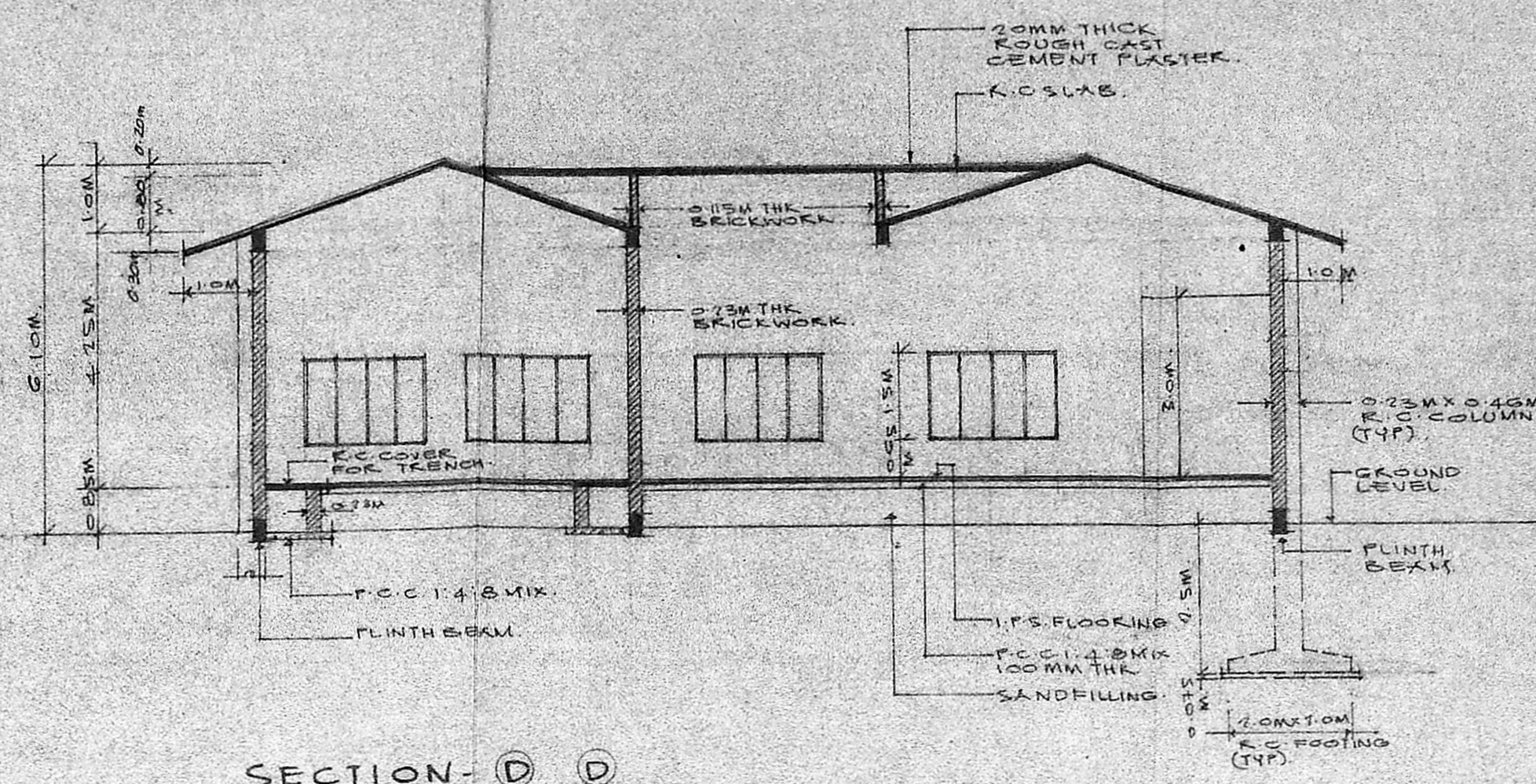
FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY

100MM THICK
ROUGH CAST
CEMENT PLASTER
K.C. SLAB

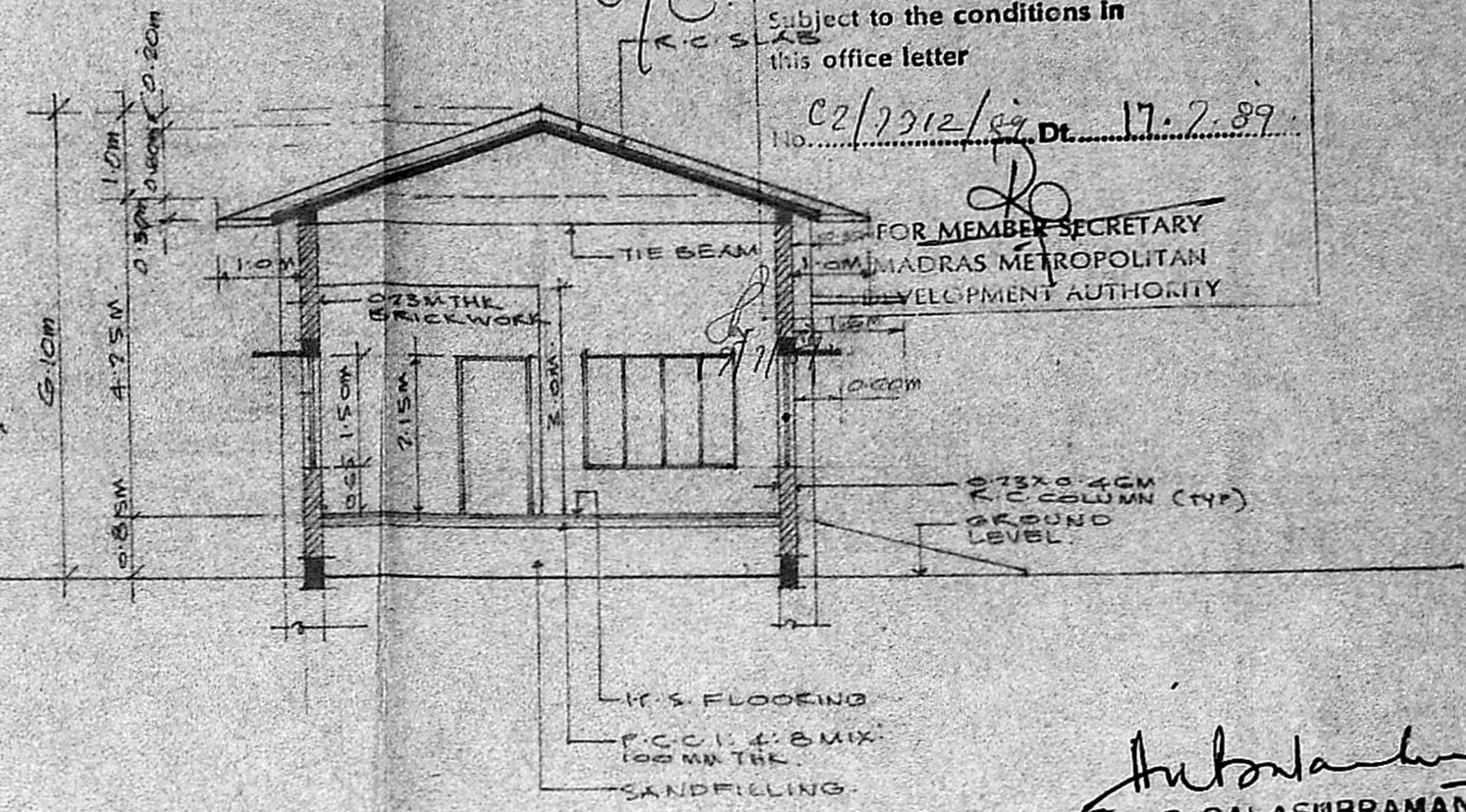
100MM THICK
ROUGH CAST
CEMENT PLASTER
K.C. SLAB



FRONT ELEVATION
SCALE - 1:100

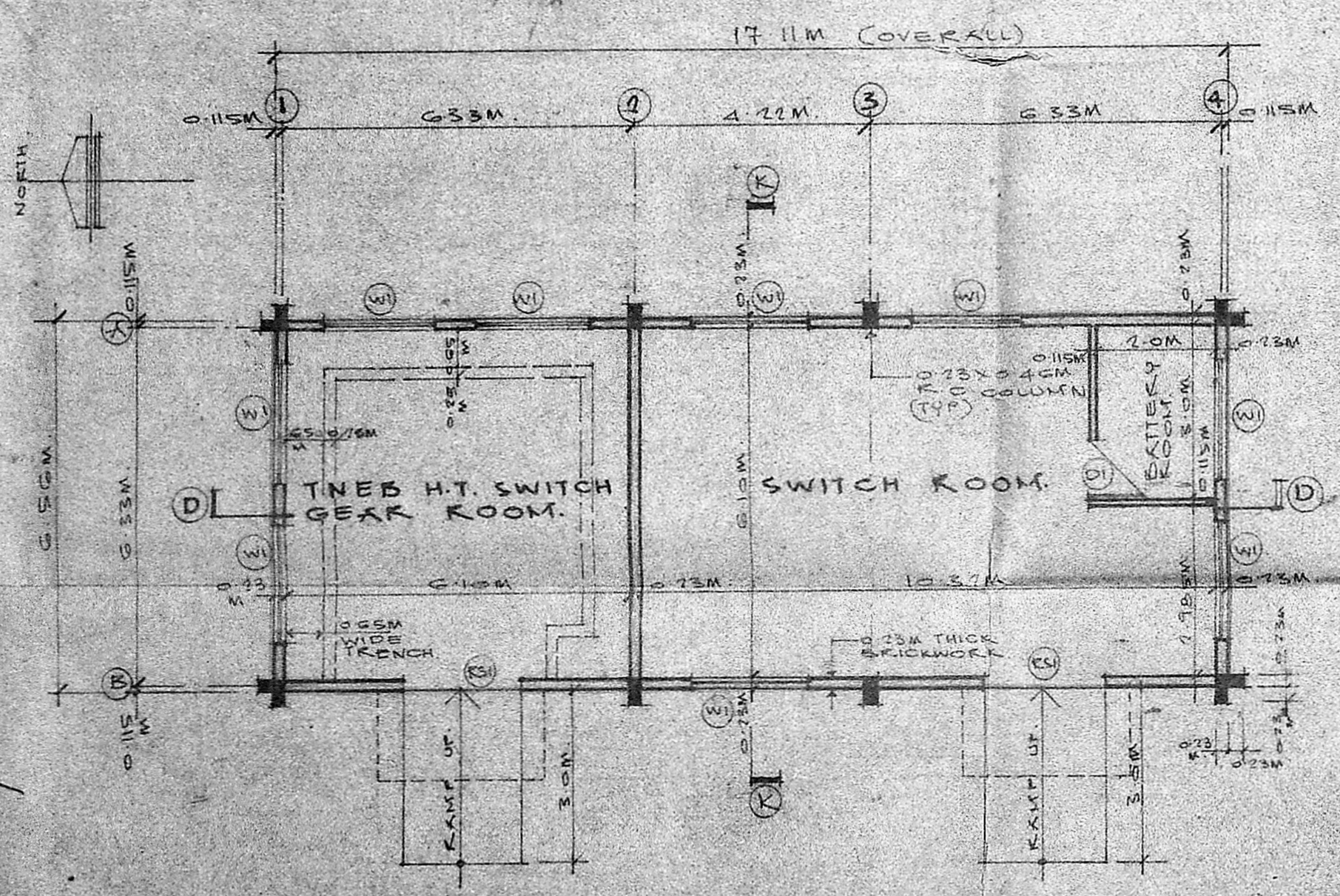


SECTION - D D
SCALE - 1:100

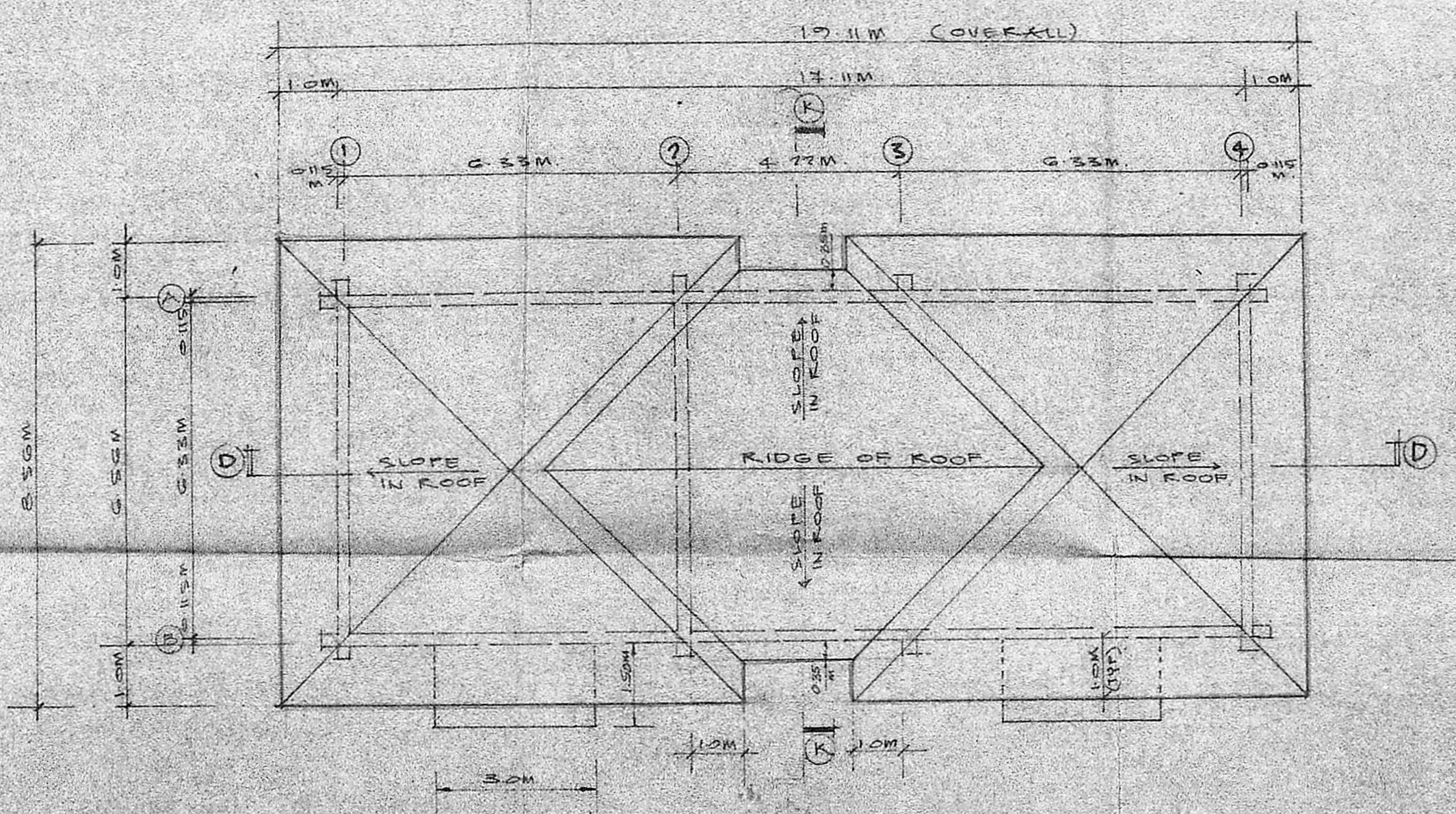


SECTION - K K
SCALE - 1:100

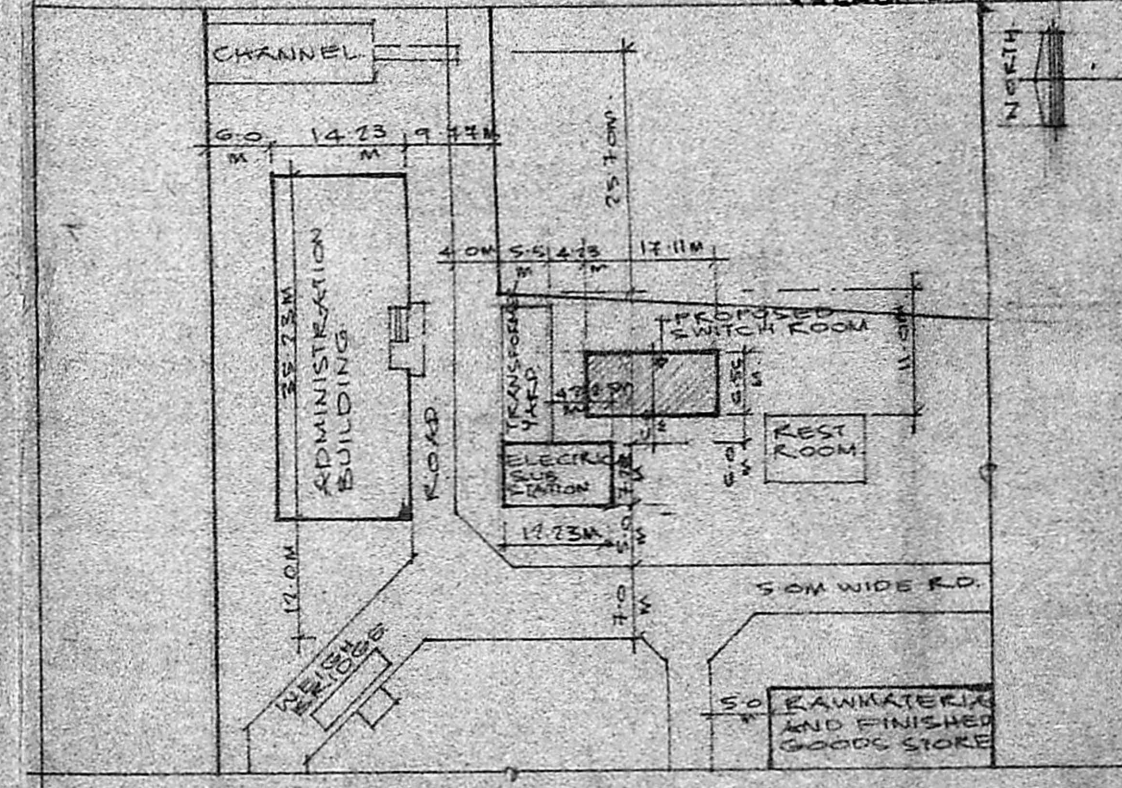
A. R. Balasubramaniam
A. R. BALASUBRAMANIAM
LICENCED SURVEYOR,
TIRUVOTTIYUR MUNICIPALITY,
22 WEST MADA ST.,
KALADIPET, MADRAS - 19



PLAN
SCALE - 1:100



ROOF PLAN
SCALE - 1:100



KEY PLAN
SCALE - 1:100

SCHEDULE OF DOORS & WINDOWS

INDEX	SIZE	DESCRIPTION
(C)	2100 x 1750	M.S. ROLLING SHUTTER
(D)	1000 x 2150	M.S. FRAMED PANELLED DOOR
(W)	2000 x 1500	M.S. FRAMED GLAZED WINDOW

BALMER LAWRIE & CO. LTD.
Architects
B. Sarkar
B. SARKAR B.Arch., A.I.A.
Regd. Architect: CA/80/5872.
LICENCED SURVEYOR: R.A. 17

For: **MODY & SARKAR**

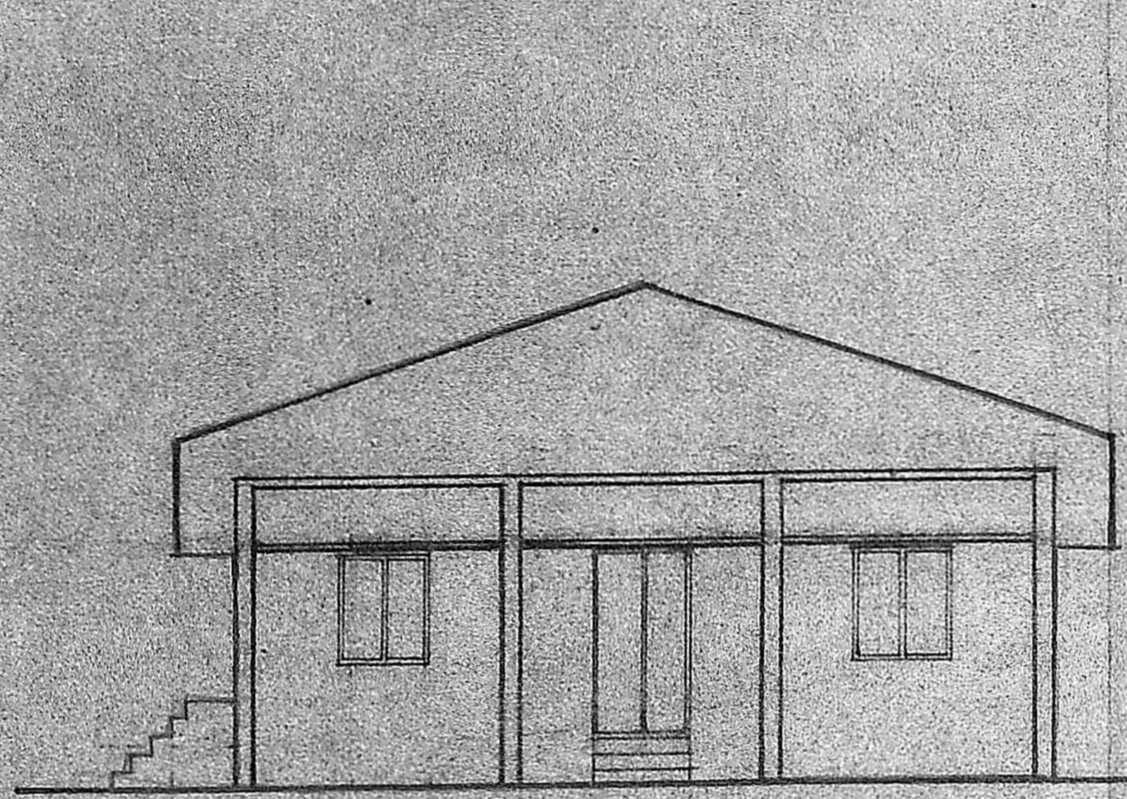
SIGNATURE OF OWNER

SIGNATURE OF LICENCED SURVEYOR

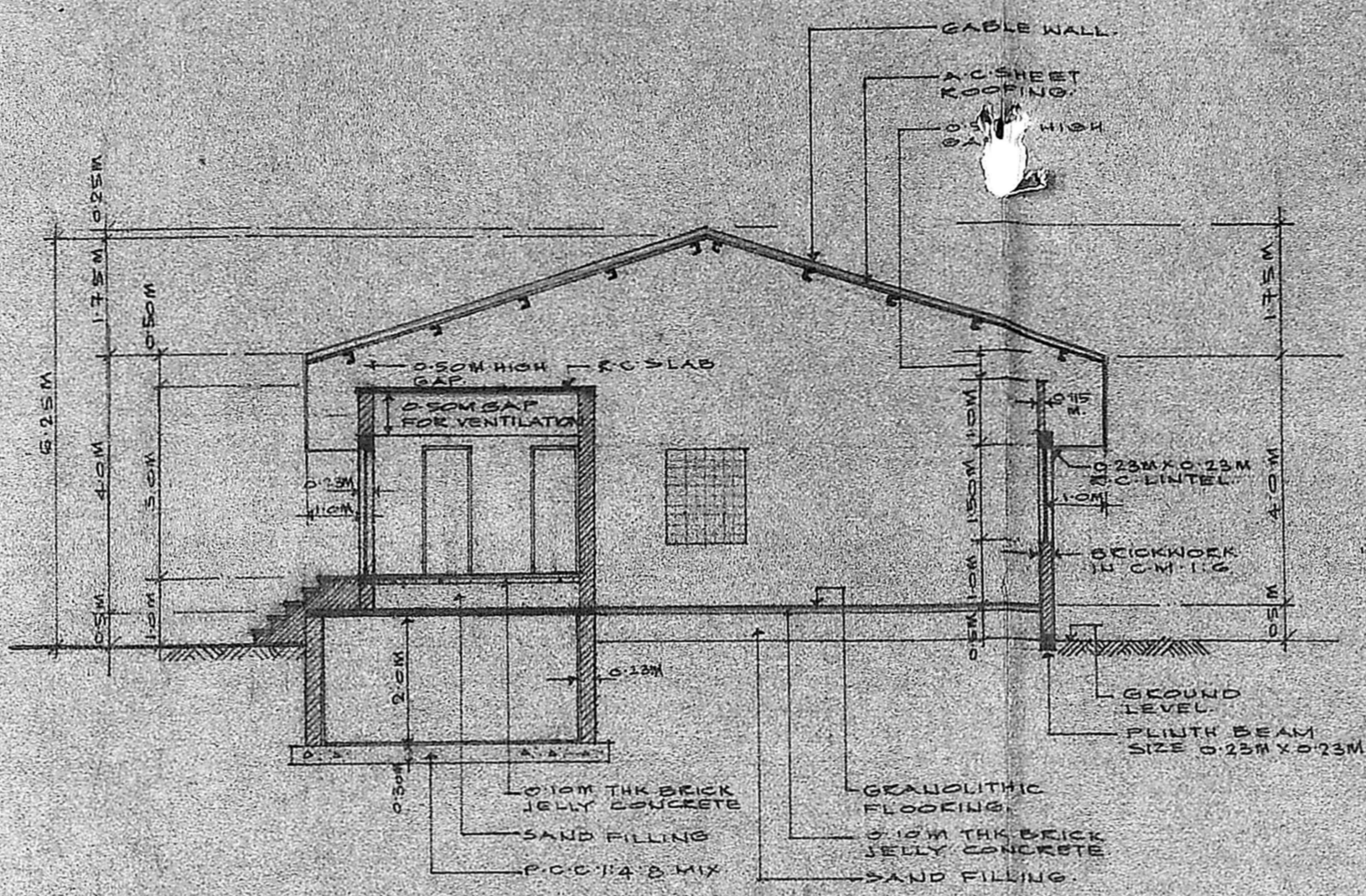
BALMER LAWRIE & CO. LTD.
S.F.P. PROJECT, MXXNLI, MKDRAS - 68

ELECTRICAL SUBSTATION BUILDING - PLAN, ELEVATION, & SECTIONS
CONSULTING ENGINEERS & ARCHITECTS,
MODY & SARKAR,
853, MOON-MARULLEE HIGH ROAD,
THYAGARAJA COMPLEX,
MADRAS - 10.

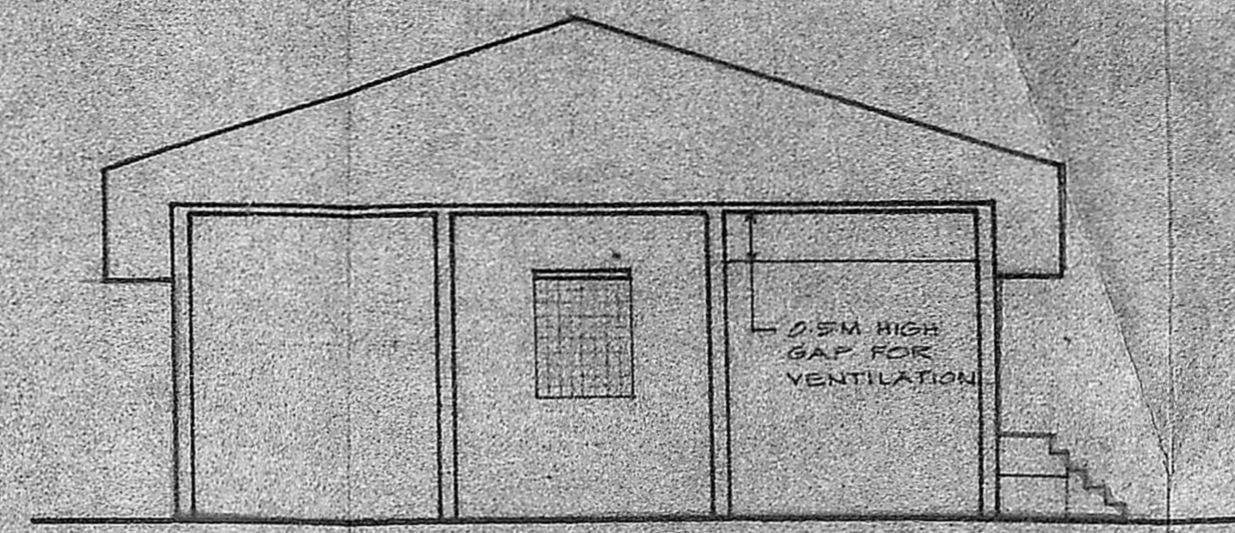
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DATE 10.11.88
DELT



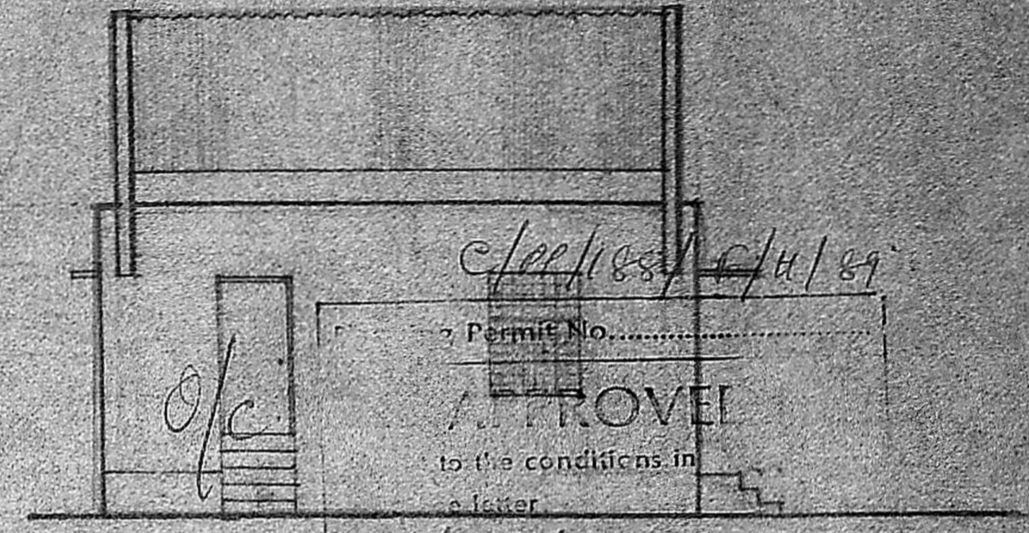
WEST ELEVATION
SCALE - 1:100



SECTION - ①-①
SCALE - 1:100



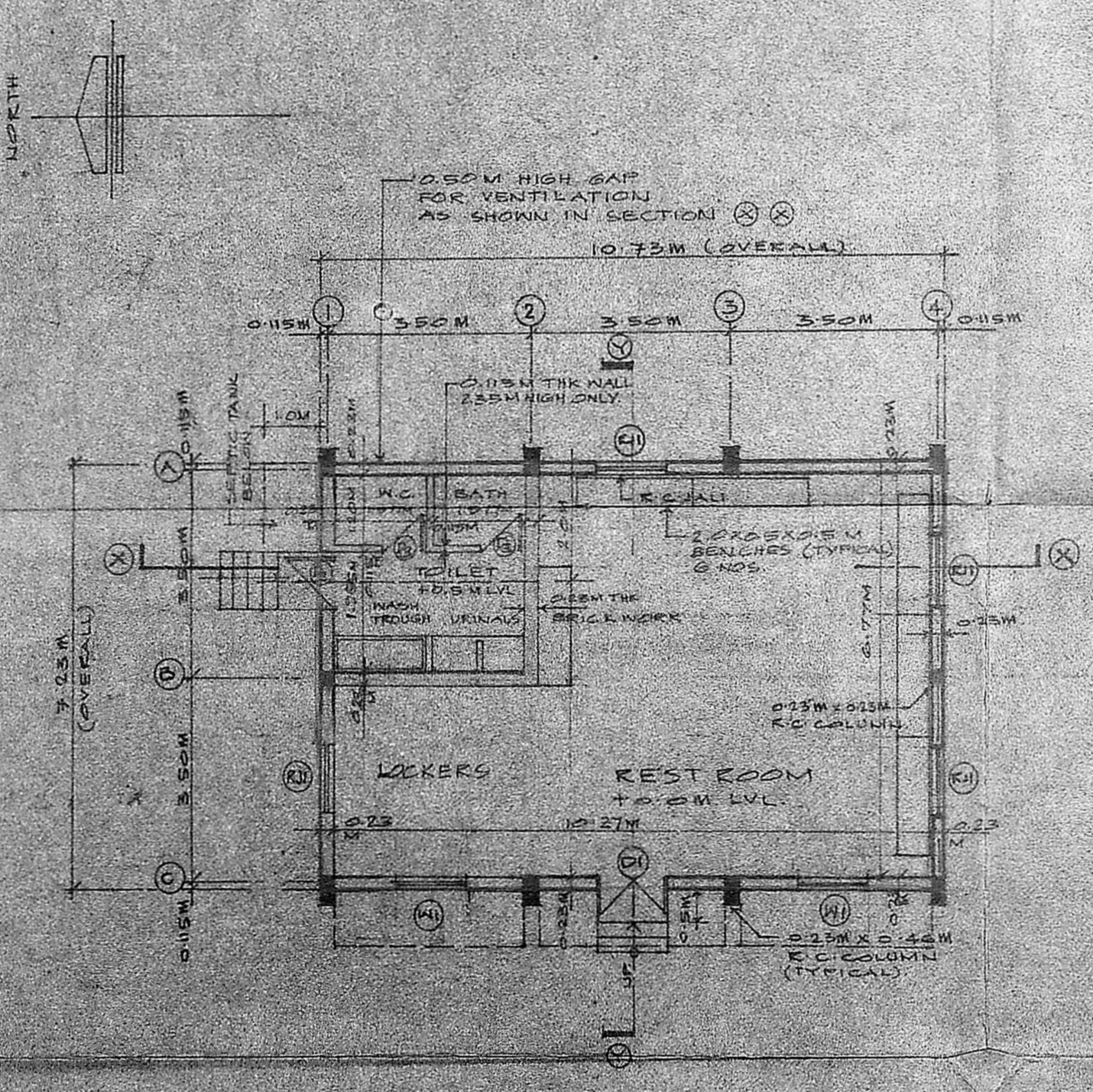
EAST ELEVATION
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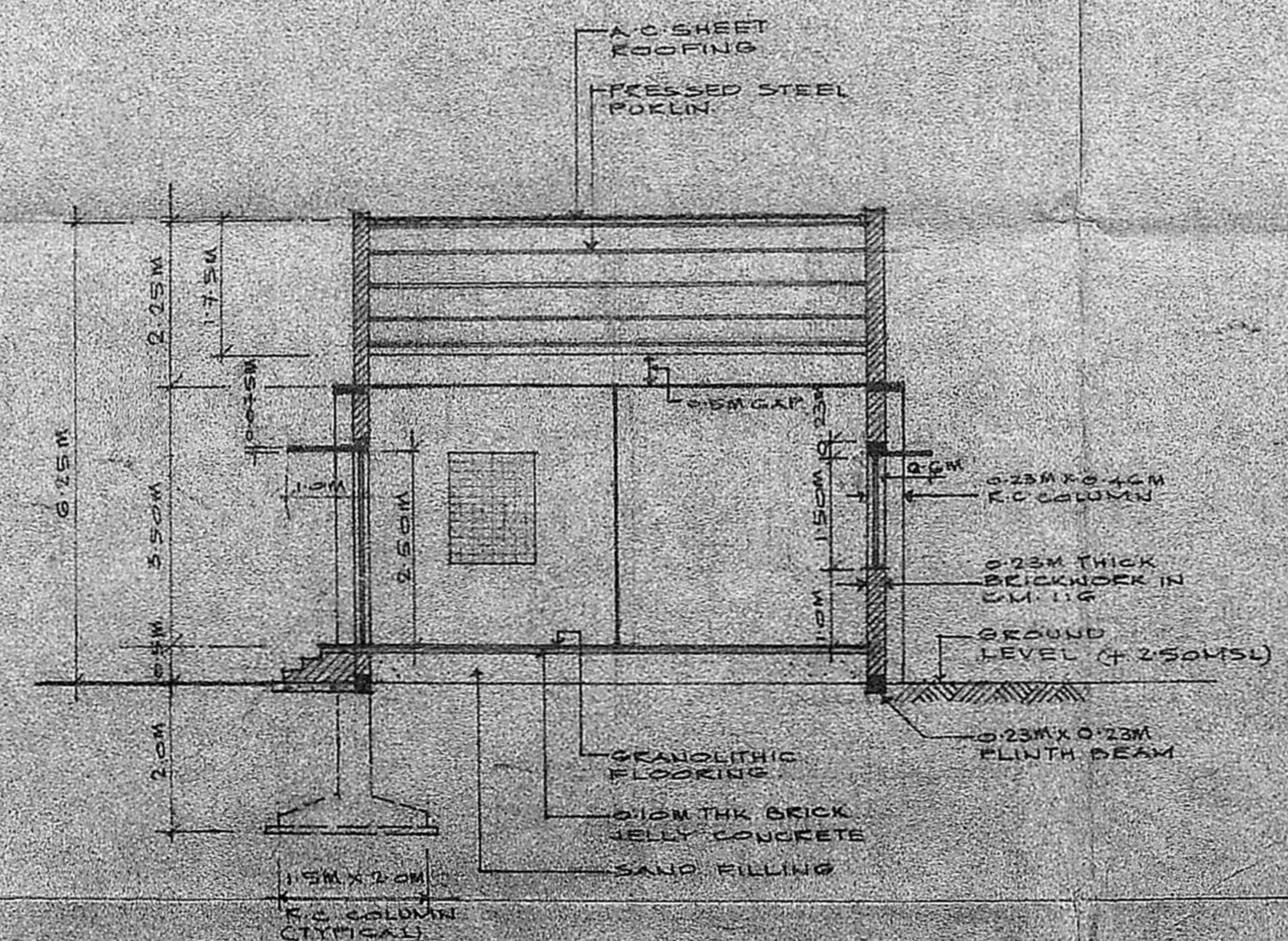
NORTH ELEVATION
SCALE - 1:100

Permit No.
APPROVED
to the conditions in
a later
No. C2/7312/89 Dt. 17.7.89
FOR MEMBER SECRETARY
MADRAS METROPOLITAN
DEVELOPMENT AUTHORITY

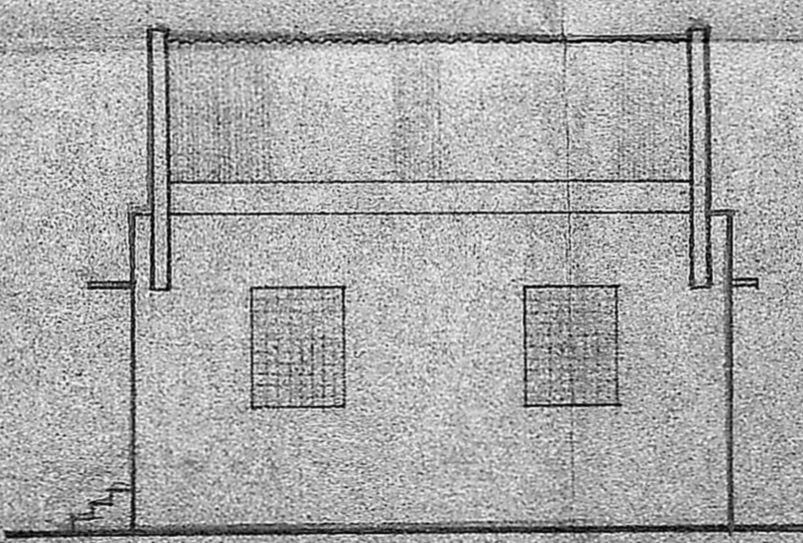
A. R. BALASUBRAMANIAM
LICENCED SURVEYOR,
TIRUOTTUR MUNICIPALITY,
22 WEST MADA ST.,
KALADIPET, MADRAS 19



PLAN
SCALE - 1:100



SECTION - ②-②
SCALE - 1:100



SOUTH ELEVATION
SCALE - 1:100

SCHEDULE OF DOORS & WINDOWS

INDEX	SIZE	DESCRIPTION
01	1.20M X 2.50M	T.W. FRAMED PANELLED DOOR
02	1.90M X 2.50M	T.W. FRAMED PANELLED DOOR
03	0.75M X 2.00M	T.W. FRAMED PANELLED DOOR
04	1.20M X 1.60M	R.C. JALI
05	1.20M X 1.50M	M.S. FRAMED GLAZED WINDOW

REVISION
① LOCATION OF TOILET CHANGING ROOM & BENCHES SHOWN IN REST ROOM

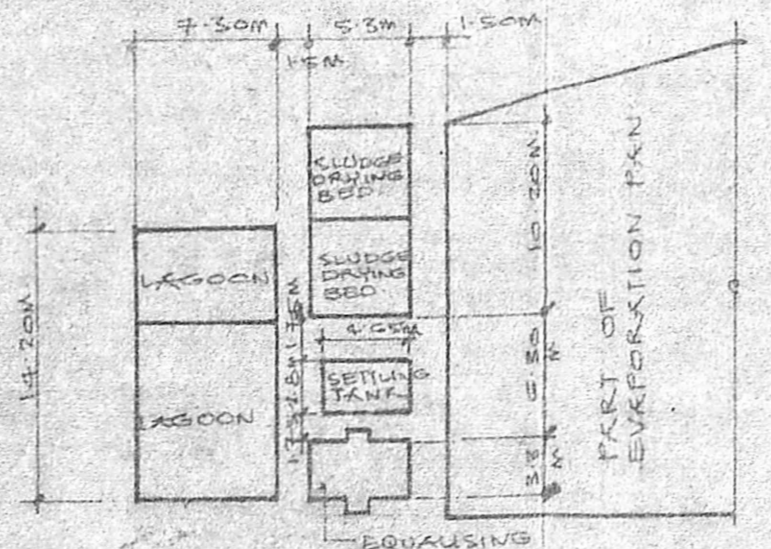
SIGNATURE OF OWNER
SIGNATURE OF LICENCED SURVEYOR
FOR MODY & SARKAR
B. SARKAR B.Arch., A.I.I.A.
Regd Architect: CA/80/5872,
LICENCED SURVEYOR: R.A. 17

BALMER LAWRIE & CO LTD.
SPL PROJECT
MANALI, MADRAS 68
REST ROOM
PLAN, SECTION & ELEVATION
CONSULTING ARCHITECTS & ENGINEERS
MODY & SARKAR
989, PONDYMALEE HIGH ROAD,
THYAGARAJA COMPLEX,
MADRAS 60
REG NO.
14/5/1964
SCALE
1:100
DATE
13.8.89

PROPOSED WORK

0/00/00/00/00/00

PROVED
to the conditions in
office letter
02/00/00/00/00/00
MEMBER
AS MTD
REGISTERED



PART PLAN SHOWING ENLARGED LAYOUT OF EFFLUENT TREATMENT WORKS SCALE = 1:400

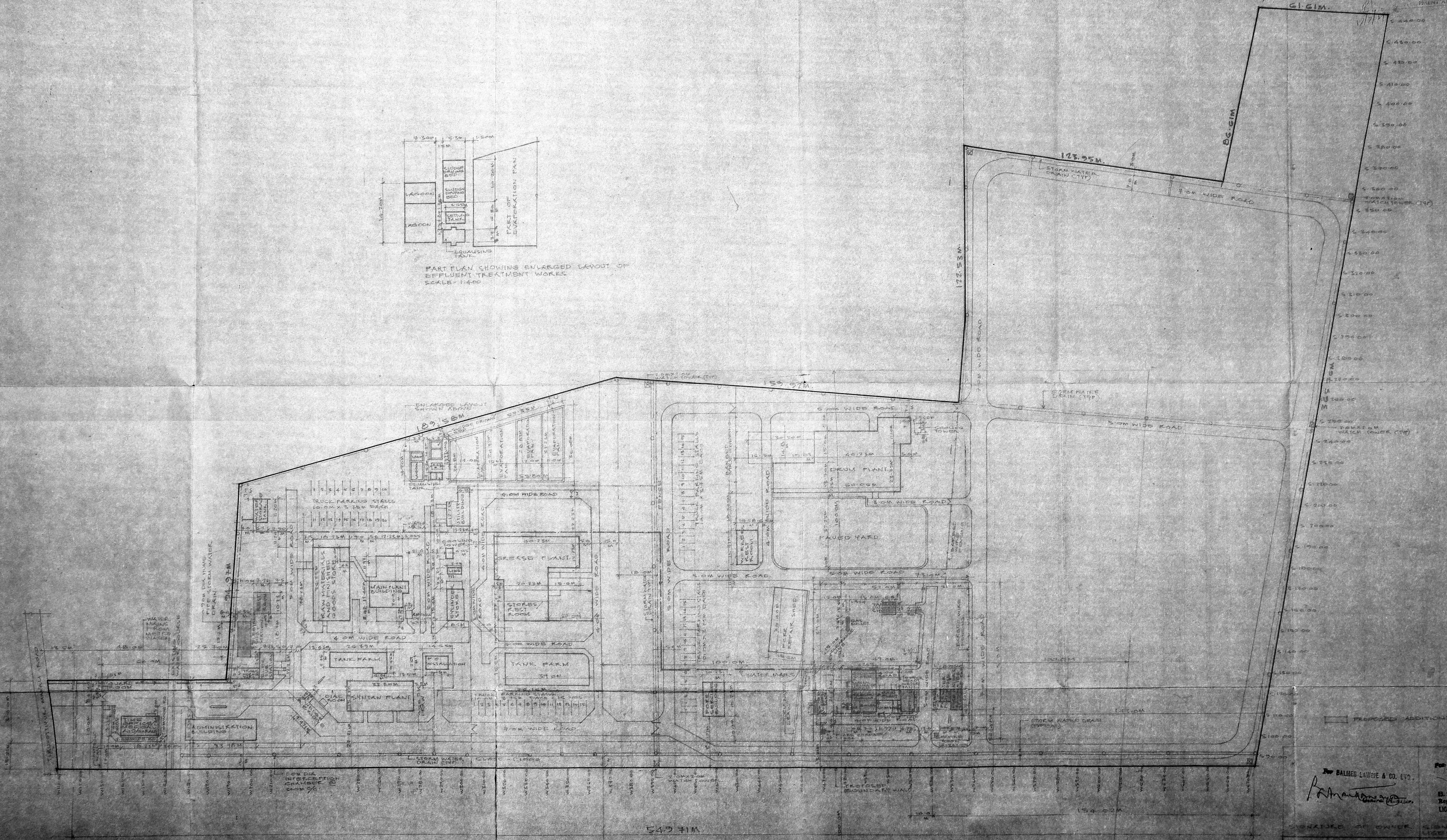
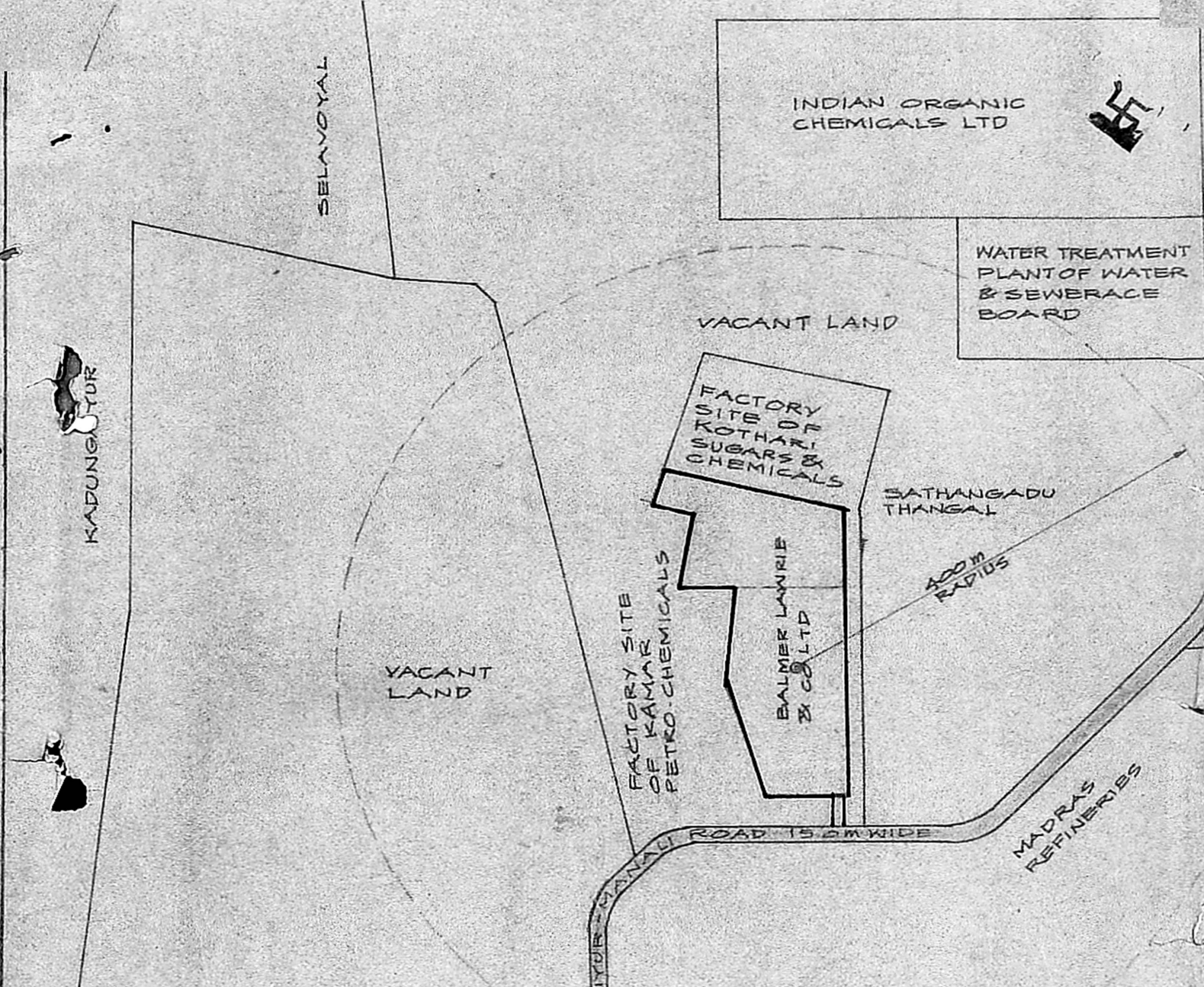


Table with 2 columns: Elevation (e.g., 61.61M, 61.50M) and Description (e.g., STORM WATER DRAIN (TYP), 10M WIDE ROAD).

BALMER LAWRIE & CO. LTD.
B. SARKAR

For MODY & SARKAR
B. SARKAR B.Arch, A.I.T.A.
Regd Architect: CA/80/5972
LICENSED SURVEYOR: E.A. IT

SIGNATURE OF OWNER SIGNATURE OF LICENSED SURVEYOR
BALMER LAWRIE & CO. LTD.
CONSULTING ENGINEERS & ARCHITECTS
MODY & SARKAR



C/PP/188/4/4/89

O/C

APPROVED
 Subject to the conditions in
 MADRAS Refineries
 No. C2/7312/89 Dt. 17.2.89
 MEMBER SECRETARY
 3 METROPOLITAN
 GOVERNMENT AUTHORITY

17/7/89

A. R. Balasubramaniam
(A. R. BALASUBRAMANIAM)
 LICENCED SURVEYOR,
 TIRUVOTTIVUR MUNICIPALITY,
 22 WEST MADA ST.,
 KALADIPET, MADRAS 19

TOPO PLAN SHOWING THE
 LOCATION OF SITE OF
 BALMER LAWRIE & CO LTD
 SURVEY NOS 1, 31/1, 31/2, 1/3B & 1/5
 SATHANGADU VILLAGE
 SATHANGADU TALUK
 CHENNAI DISTRICT.

For **BALMER LAWRIE & CO. LTD.** For **MODY & SARKAR**
B. Sankar
 General Manager
 SIGNATURE OF
 OWNER
B. Sankar
B. SARKAR B.Arch.,
 Regd Architect: CA/80/
 LICENCED SURVEYOR: R.