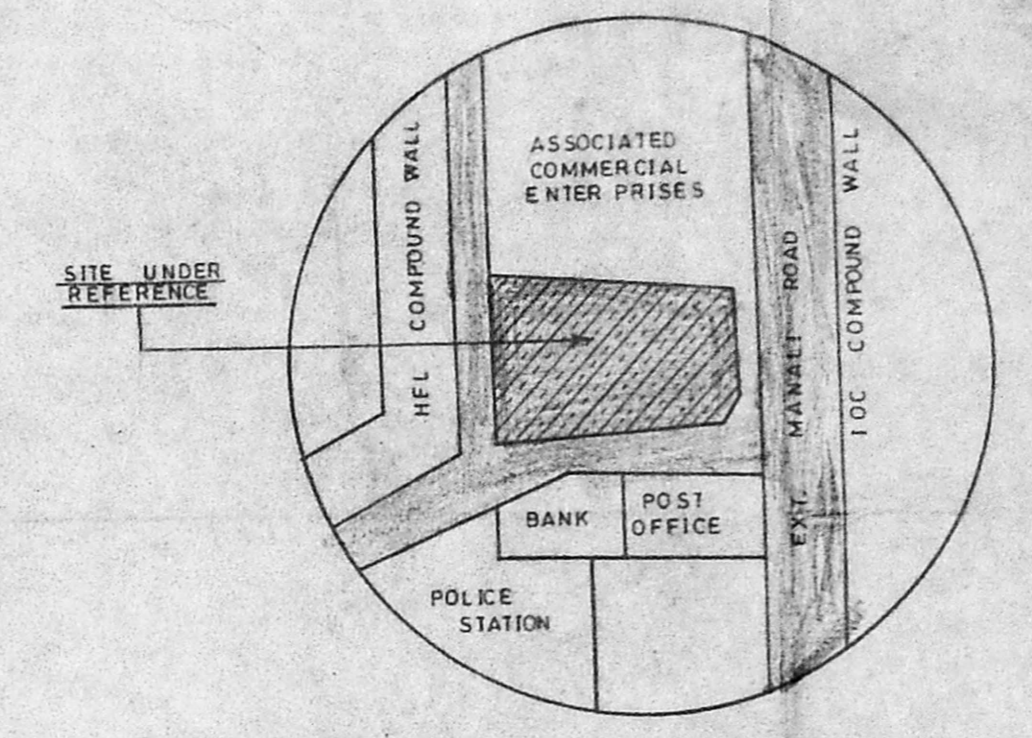
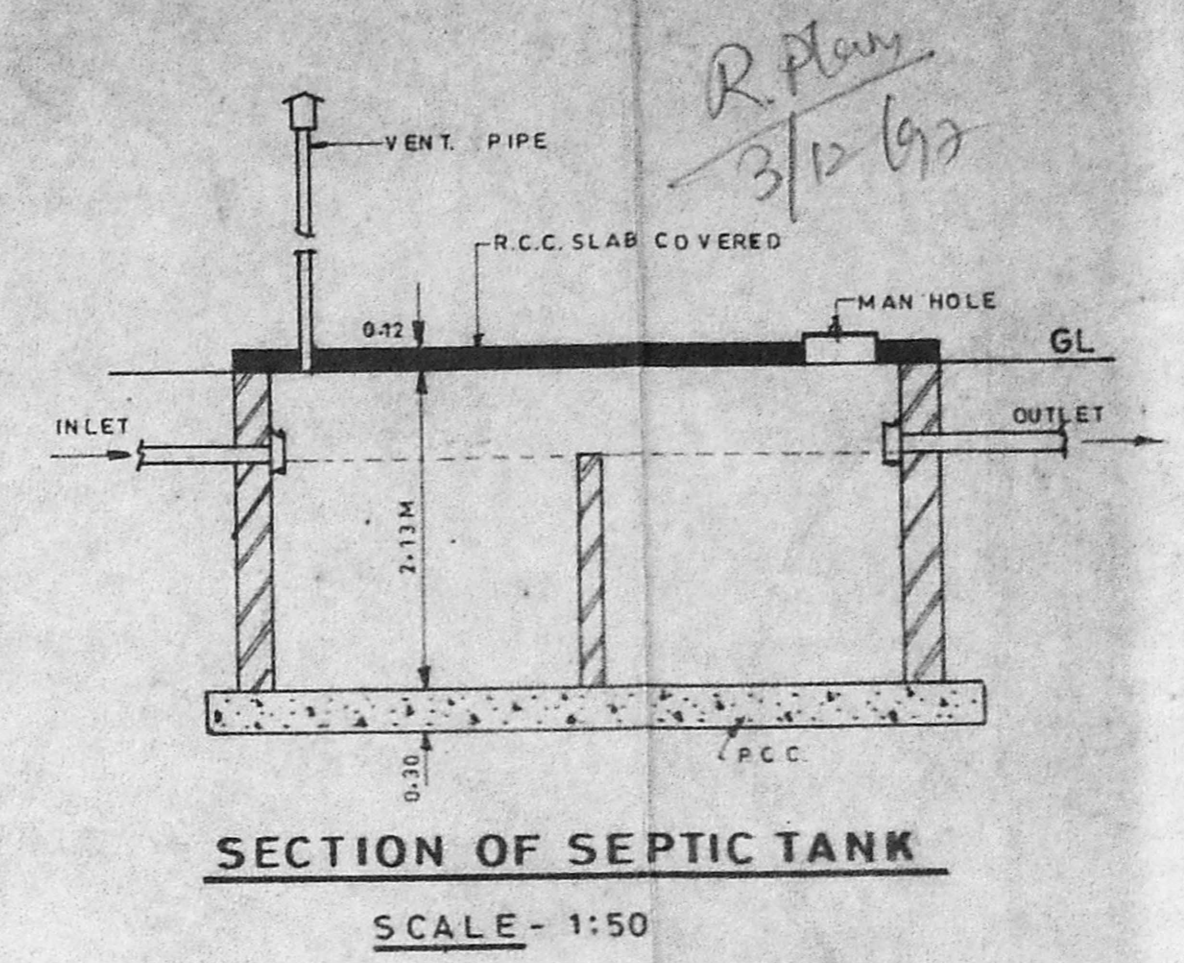


Planning Permit No C/34940/133-A/I/57  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS ORDER  
 No. C/12735/2003 TO W/O 2/2/07  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



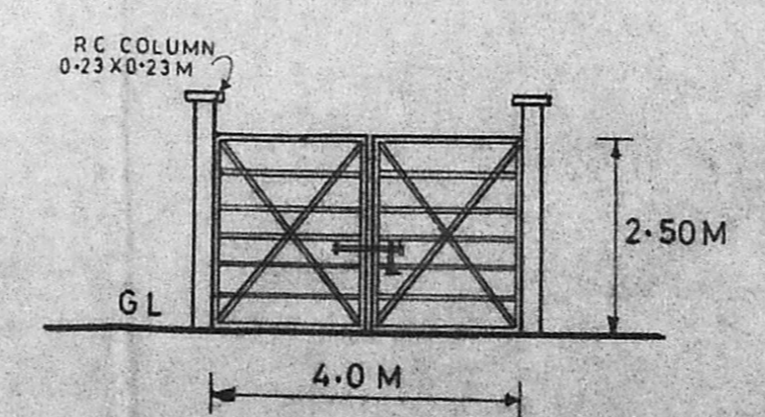
AREA STATEMENT		
1	ADMINISTRATIVE OFFICE BUILDING	Gr.FL 426.20 Sq.m
		Ft.FL 426.20
2	ROCKWOOL FACTORY SHED	2259.31
3	THERMOCOLE PLANT	589.00
4	P.U. PLANT	402.68
5	FELT PLANT	1398.88
6	BOILER SHED	75.82
7	BITUMEN STORAGE TANK SHED	31.39
8	CONTROL PANEL ROOM	74.42
9	AIR COMPRESSOR ROOM	2.80
10	SOLAR EVAPORATION TANK	24.96
11	SECURITY OFFICE	71.47
12	TRANSFORMER YARD	94.72
13	GENERATOR / POWER ROOM	20.40
14	TOILET	52.06
15	CYCLE SHED	45.02
16	REST/ LUNCH ROOM	8.35
17	OVER HEAD WATER TANK	200.97
18	FURNACE OIL STORAGE YARD	14.88
19	WATER TANK	
<b>TOTAL</b>		<b>5904.96</b>

TOTAL PLOT AREA 20235.00 Sq.m  
 PLOT COVERAGE 29%  
 F.S.I. 0.31

**COLOUR INDEX**

[Hatched Box]	ROAD
[Dotted Box]	BOUNDARY
[Solid Box]	PROPOSED

**SITE PLAN**  
 SCALE: 1:400



**DETAILS OF GATE**  
 SCALE: 1:100

**HORSE POWER DETAILS**

SHEET NO.	H.P.
1/9	NIL
2/9	370.00
3/9	NIL
4/9	15.00
5/9	NIL
6/9	NIL
7/9	NIL
8/9	34.00
9/9	NIL
<b>TOTAL H.P. = 419.00</b>	

**STAND BY**  
 GENERATOR 125 KVA  
 (Refer sheet no. 8/9)

m/s. **LLOYD BITUMEN PRODUCTS**  
 (A DIVISION OF PIBCO LTD)  
 S.No. 278/5B, MANALI,  
 CHENNAI.

SCALE: **1:400** SHEET No. **1/9**

TITLE: **SITE PLAN & TOPOPLAN**

NOTE: ALL DIMENSIONS ARE IN METRES.

For LLOYD BITUMEN PRODUCTS  
 (A Division of PIBCO Ltd.)

Phone: 4341531  
**B. GANESAN, D.C.E.**  
 Consulting Engineer &  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation: Madras  
 Licence No. 24  
 Off: 15 Ramana, 1st Rd, Upstairs,  
 T. N. RAMANATHAN 600 017.

APPLICANT

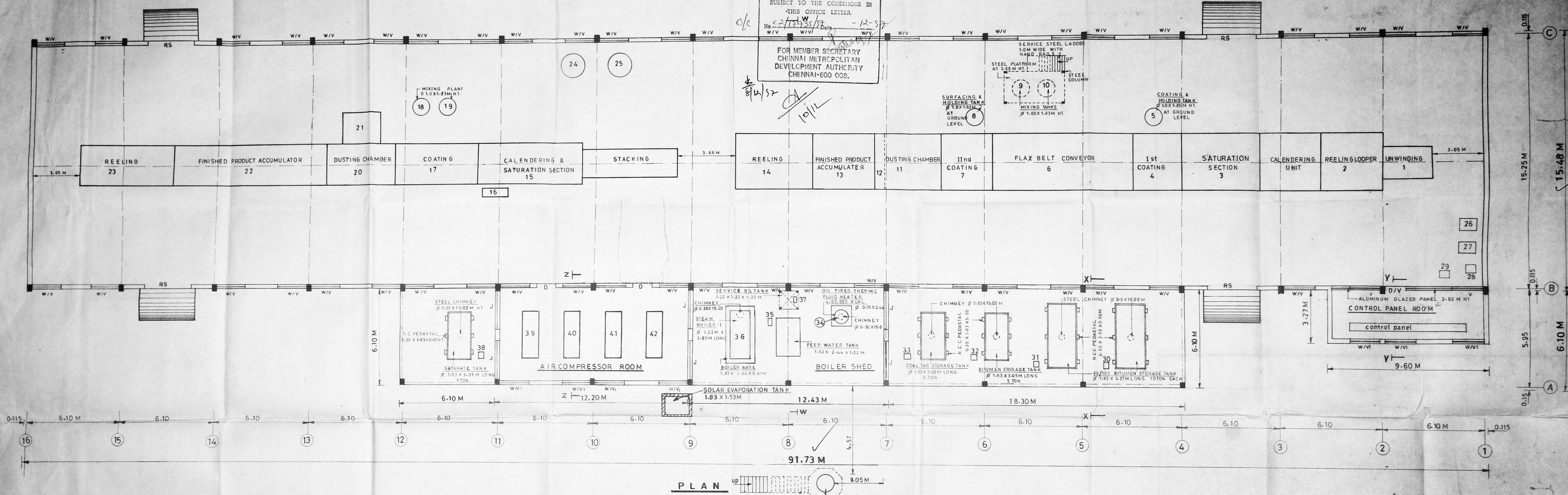
Planning Permit No C/24940/133-5/I/83

**APPROVED**  
SUBJECT TO THE CONDITIONS IN  
THIS OFFICE LETTER.

No. 277/133/83 Date - 12-57  
W/V

FOR MEMBER SECRETARY  
CHENNAI METROPOLITAN  
DEVELOPMENT AUTHORITY  
CHENNAI-600 005.

o/c  
8/12/57  
10/11



PLAN

**LIST OF MACHINERIES**

SLNO.	NAME OF MACHINE	H.P.	QTY	SLNO.	NAME OF MACHINE	H.P.	QTY
<b>I. SIPLAST PLANT</b>							
1	UNWINDING	1.60	18,19	17	COATING	129.50	274.50
2	REELING LOOPER MOTOR	5.00	20	18	MIXING TANKS	10.00	0.50
3	SATURATION SECTION	5.00	21	19	MIXING TANKS	2Nos X 10.0HP	20.00
4	1 <sup>st</sup> COATING	5.00	22	20	DUSTING CHAMBER	1.00	35
5	1 <sup>st</sup> COATING TANK	15.00	23	21	DUST COLLECTION CHAMBER	5.00	36
6	FLEX BELT CONVEYOR	2.60	24	22	FINISHED PRODUCT ACCUMULATOR	10.00	a. BOILER PUMP
7	2 <sup>nd</sup> COATING	7.80	25	23	REELING	10.00	b. HEATER
8	2 <sup>nd</sup> COATING TANK	15.00	26	24	PAN MILL	12.00	37
9,10	MIXING TANK	2Nos X 10.0HP	20.00	27	GATE MIXER	5.00	38
11	DUSTING CHAMBER	12.00	28	28	WELDING	18.00	39
12	MASTER ROLL	6.70	29	29	do	10.00	40
13	ACCUMULATOR	3.00	30 to 33	30	GRINDING M/C	3.00	41
14	REELING	7.80	34	31	DRILLING M/C	1.00	42
<b>II. ROOFLOID PLANT</b>							
15	CALENDERING	18.00	35	32	BITUMEN PUMP	4Nos X 5.0 HP	20.00
16	LIFT	5.00	36	33	BITUMEN PUMP	4Nos X 5.0 HP	20.00
				<b>TOTAL HORSE POWER = 370.00</b>			
				<b>TOTAL HORSE POWER = 274.50</b>			

BLOWING COLUMN  
Ø 1.0 X 6.40M HT.  
FOR DETAILS REFER SHEET NO. 8/9  
SEPARATELY

SCHEDULE OF JOINERY		
RS	ROLLING SHUTTER	3.05 X 3.05 M
D	DOOR	1.22 X 2.13
W	WINDOW	1.83 X 1.53
V	VENTILATOR	1.83 X 1.22
V1	- do -	1.83 X 0.61
J	JALLY	2.44 X 1.83 M

**m/s. LLOYD BITUMEN PRODUCTS**  
(A DIVISION OF PIBCO LTD.)  
S.No. 278/5B, MANALI,  
CHENNAI

SCALE - 1:100 SHEET No. - 2/9

TITLE - FELT PLANT, BOILER SHED,  
BITUMEN STORAGE TANK SHED,  
CONTROL PANEL ROOM,  
AIR COMPRESSOR ROOM.  
NOTE - ALL DIMENSIONS ARE IN METRES.

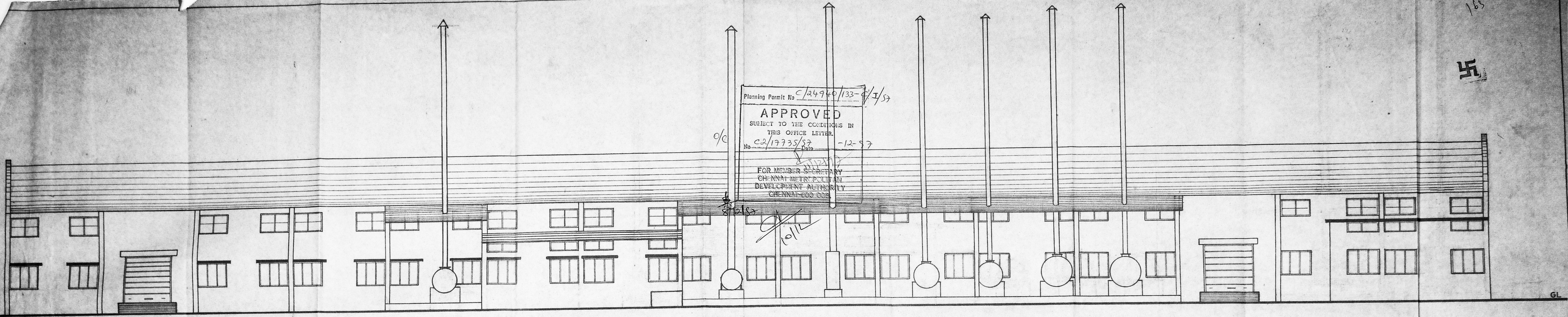
COLOUR INDEX	
<span style="border: 1px solid black; display: inline-block; width: 20px; height: 10px;"></span>	PROPOSED

For LLOYD BITUMEN PRODUCTS  
(A Division of PIBCO Ltd.)

**B. GANESAN, D.C.E.**  
Consulting Engineer &  
Civil Engineering Contractor  
Licensed Surveyor  
Corporation of Madras

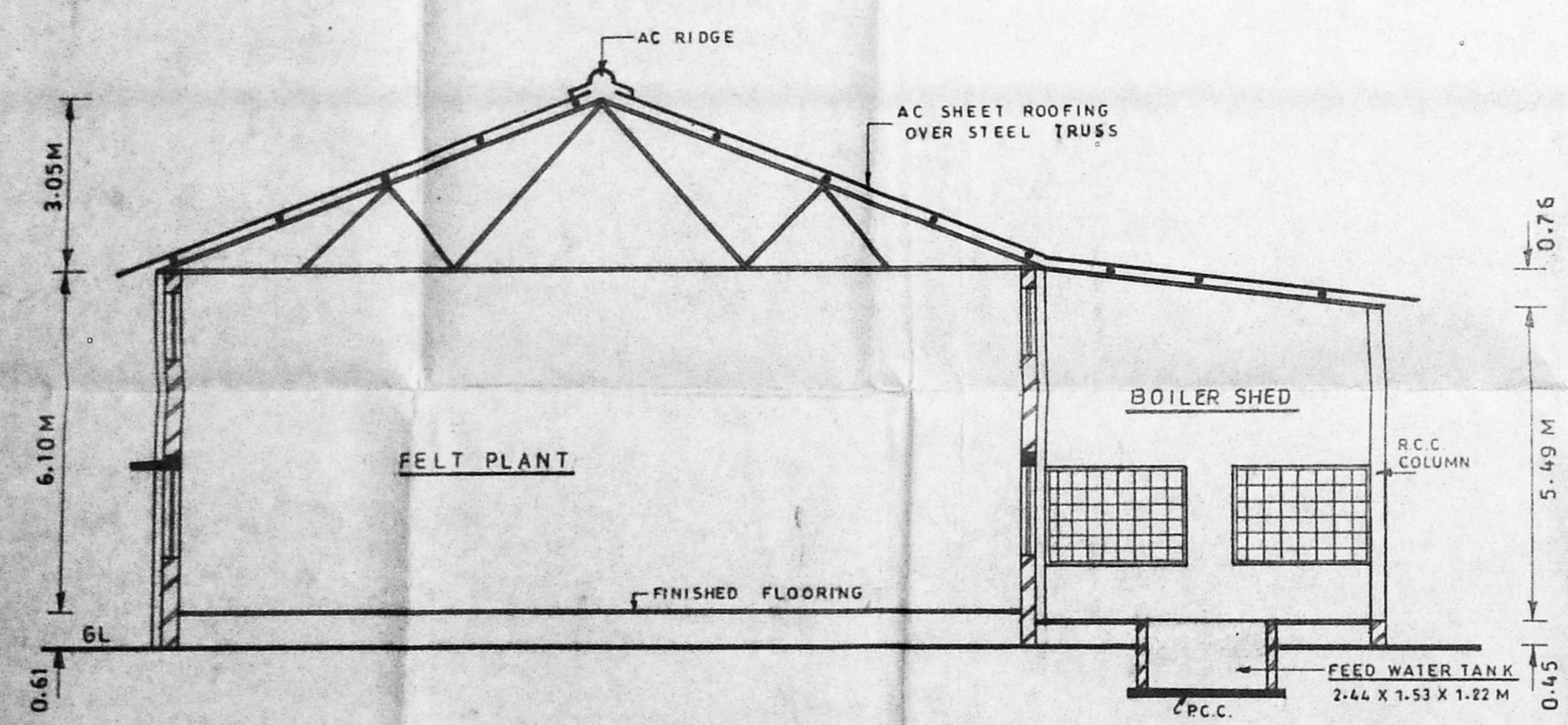
Phone: 4341531  
Off: 16, Rameswara Temple Road (Upstairs),  
T. NAGAR, MADRAS 600 015.

APPLICANT

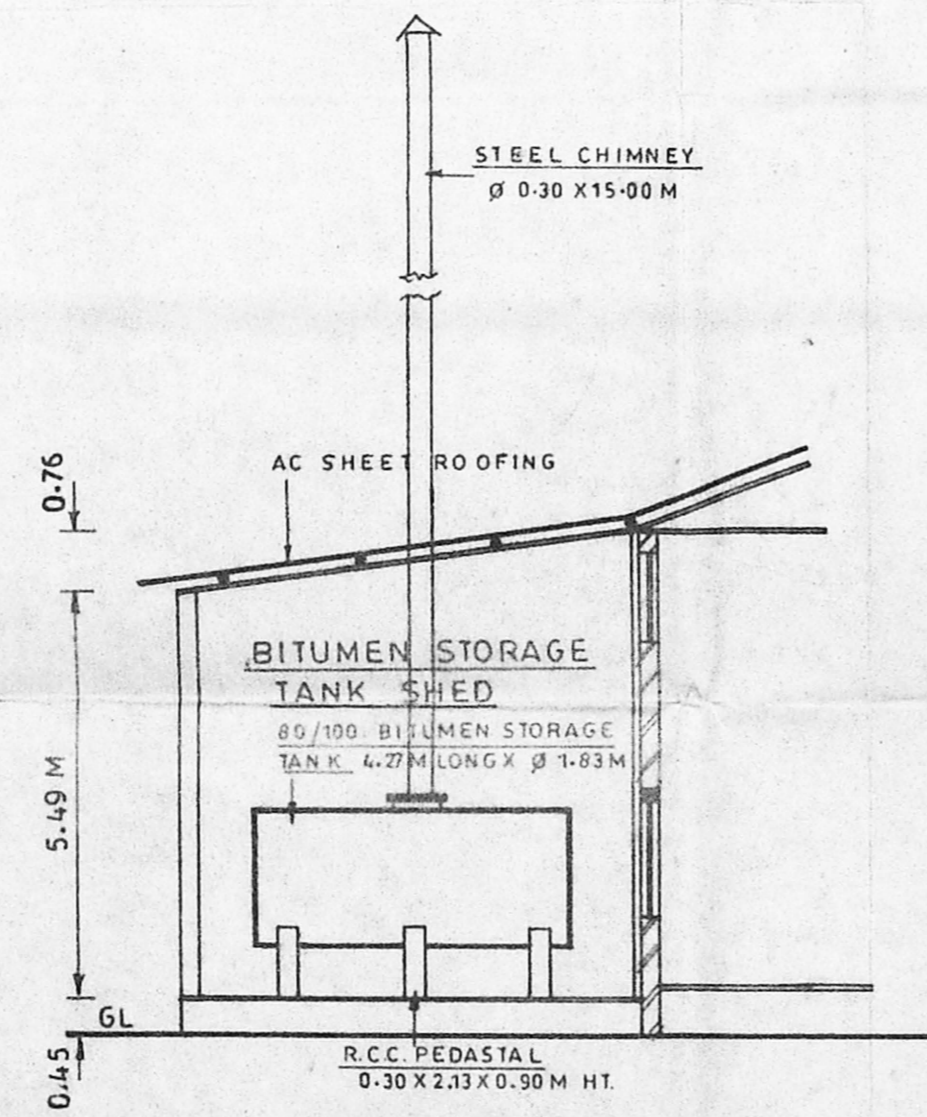


Planning Permit No C/24940/133-4/I/57  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. C2/19735/82 -12-97  
 FOR MEMBER SECRETARY  
 CHENNAI METRO POLICE  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008

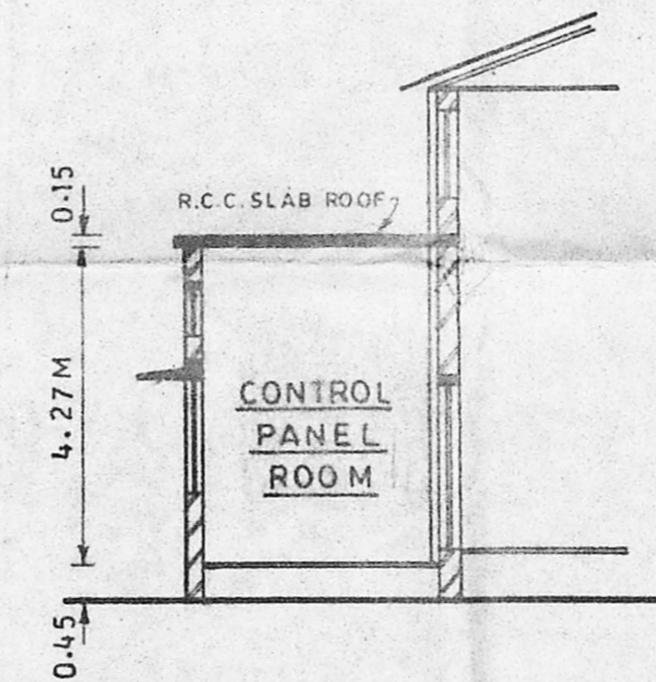
**FRONT ELEVATION**



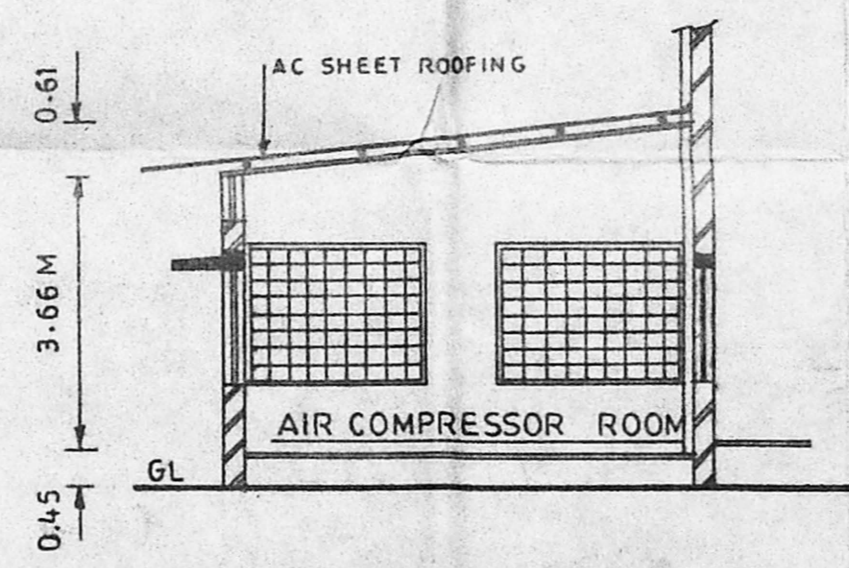
**SECTION ON W-W**



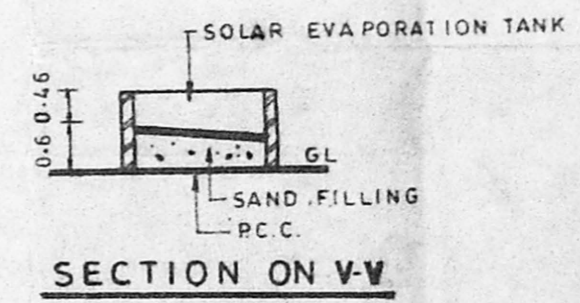
**SECTION ON X-X**



**SECTION ON Y-Y**



**SECTION ON Z-Z**



**SECTION ON V-V**

**m/s. LLOYD BITUMEN PRODUCTS**  
 ( A DIVISION OF PIBCO LTD. )  
 S.No. 278/5B, MANALI,  
 CHENNAI

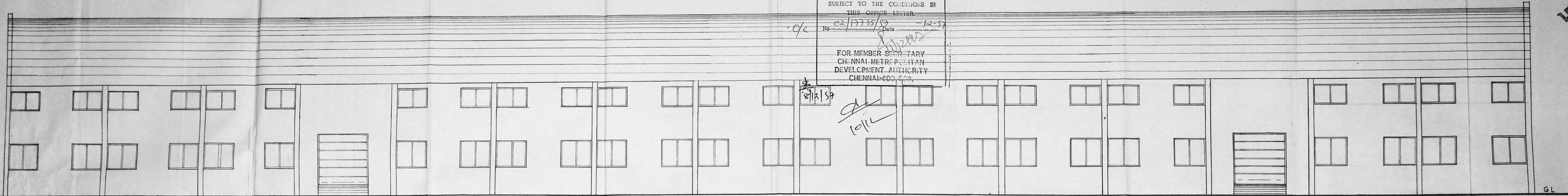
SCALE - 1:100      SHEET No. 3/9  
 TITLE - ELEVATION AND CROSS SECTIONS OF  
 FELT PLANT, BOILER SHED, ETC.,  
 NOTE - ALL DIMENSIONS ARE IN METRES.

Phone: 4341531  
**B. GANESAN, D.C.E.**  
 Consulting Engineer &  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation of Madras  
 Licence No. 24  
 Off: 15 Rameswaram Rd. (Upstairs)  
 T. NAGAR MADRAS-600 017.

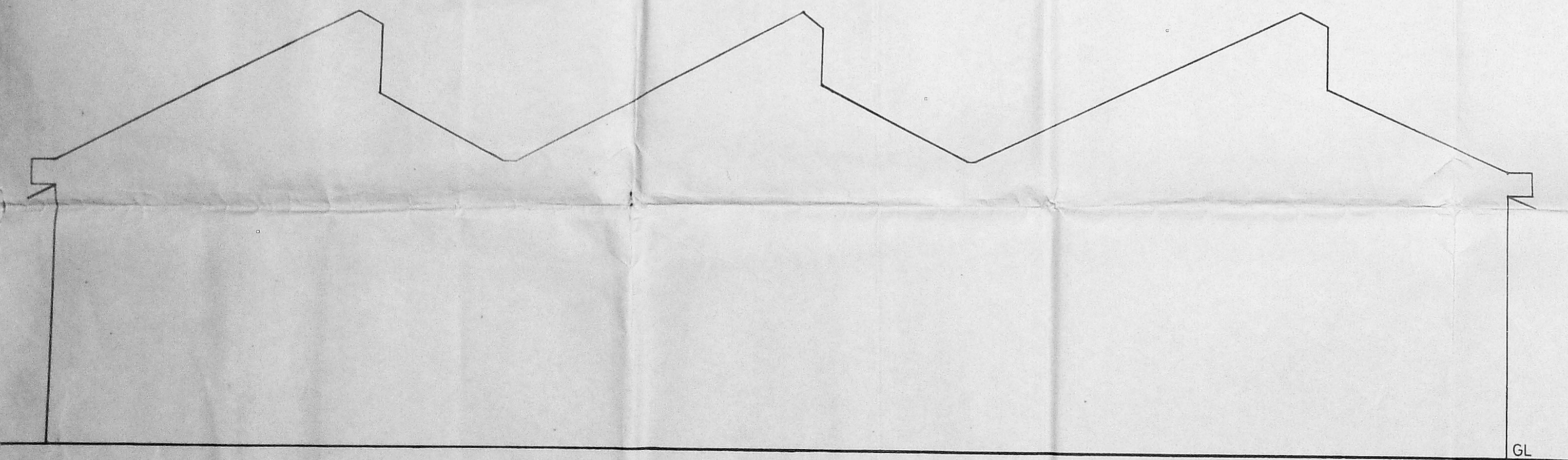
DRAWN BY \_\_\_\_\_      APPLICANT \_\_\_\_\_



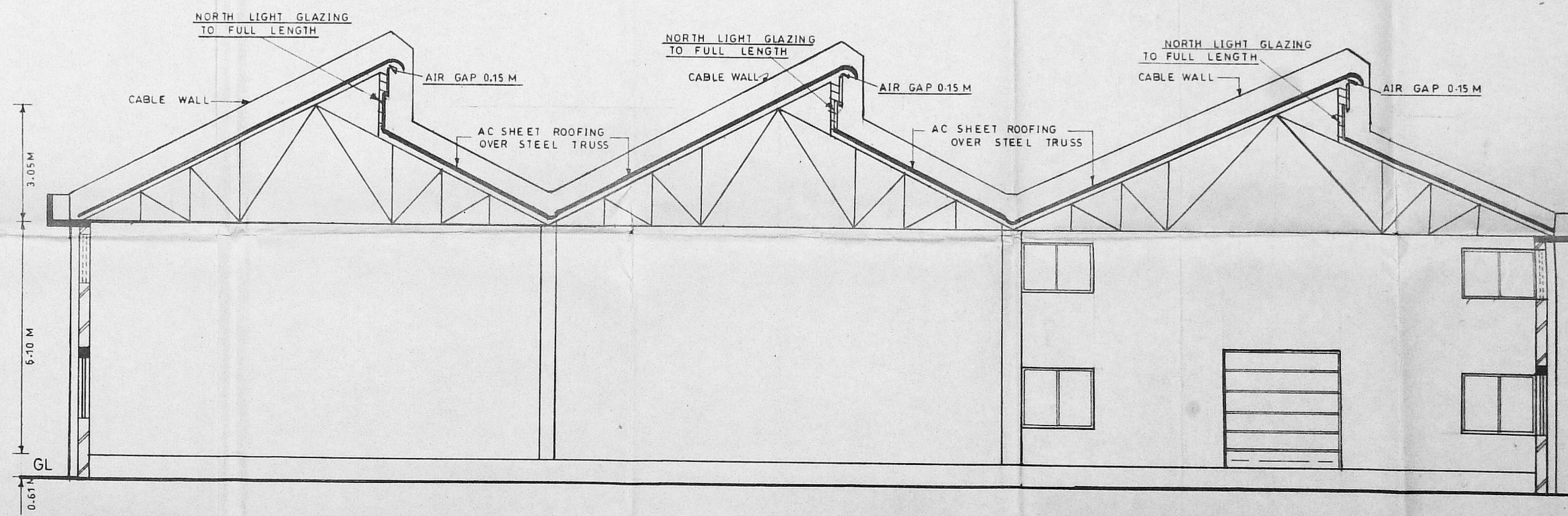
Planning Permit No. e/24940/133-E/1/57  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. e2/19735/52 Date 12-57  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 022.



**ELEVATION AT XX**



**ELEVATION AT YY**



**SECTION ON ZZ**

**m/s LLOYD BITUMEN PRODUCTS**  
 (A DIVISION OF PIBCO LTD)  
 S.No. 278/5B, MANALI,  
 CHENNAI.

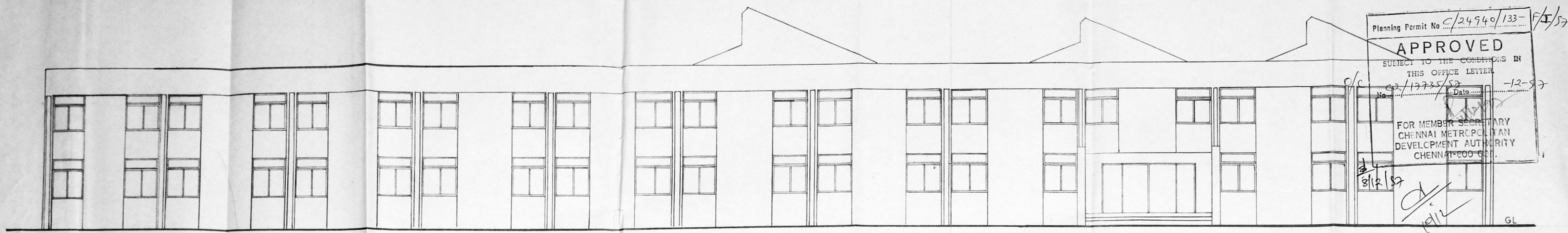
SCALE: **1:100** SHEET No. **5/9**

TITLE: **ELEVATIONS & SECTION OF  
 ROCK WOOL FACTORY SHED,  
 THERMO COLE PLANT.**

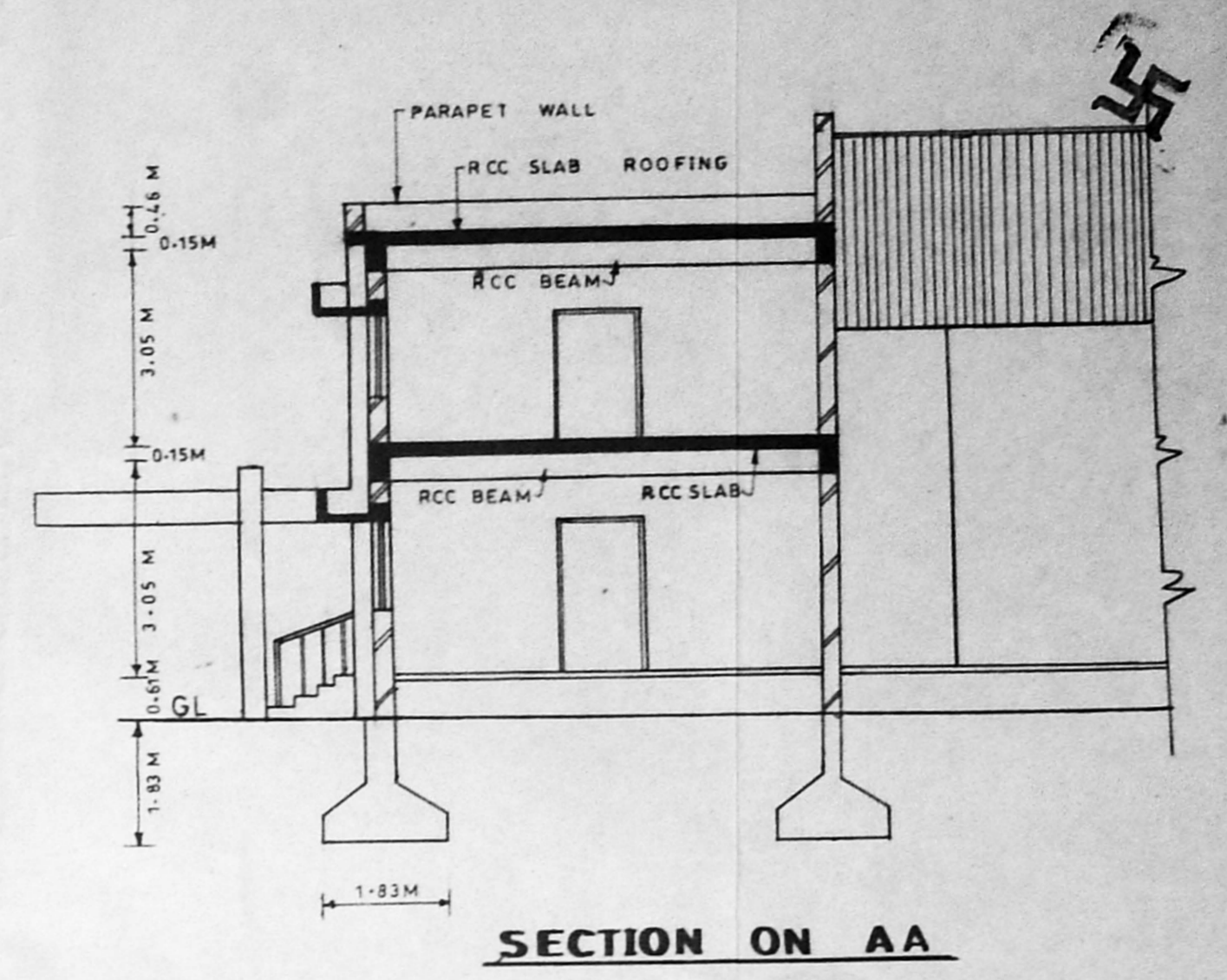
NOTE: ALL DIMENSIONS ARE IN METRES.

Signature: *B. Ganesan*  
 Phone: 4341531  
**B. GANESAN, DCE**  
 Consulting Engineer E  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation of Madras  
 License No. 24  
 Off: 15 Rameswara Rd. - Upstairs,  
 DRAWN BY: ADAS 600 017

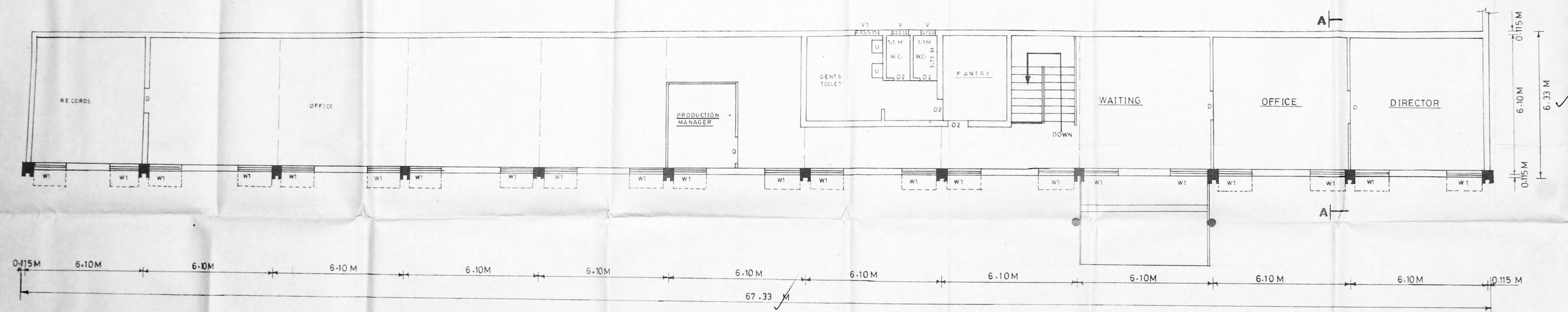
For LLOYD BITUMEN PRODUCTS  
 (A Division of PIBCO Ltd.)  
 Signature: *[Signature]*  
 APPLICANT



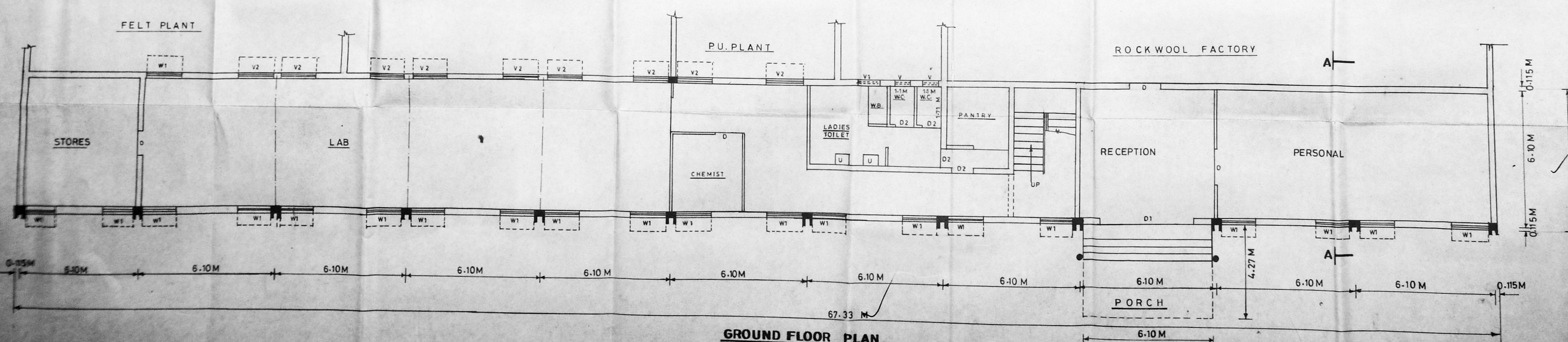
**FRONT ELEVATION**



**SECTION ON AA**



**FIRST FLOOR PLAN**



**GROUND FLOOR PLAN**

SCHEDULE OF JOINERY		
D	DOOR	1-22 X 2-13
D1	DOOR	4-27 X 2-13
D2	DOOR	0-76 X 1-98
W1	WINDOW	1-83 X 1-22
V	VENTILATOR	0-61 X 0-61
V1	do	0-91 X 0-61
V2	do	1-83 X 1-22

m/s. **LLOYD BITUMEN PRODUCTS**  
 (A DIVISION OF PIBCO LTD.)  
 S No. 278/5 B, MANALI,  
 CHENNAI.

SCALE: 1:100 SHEET No. 6/9

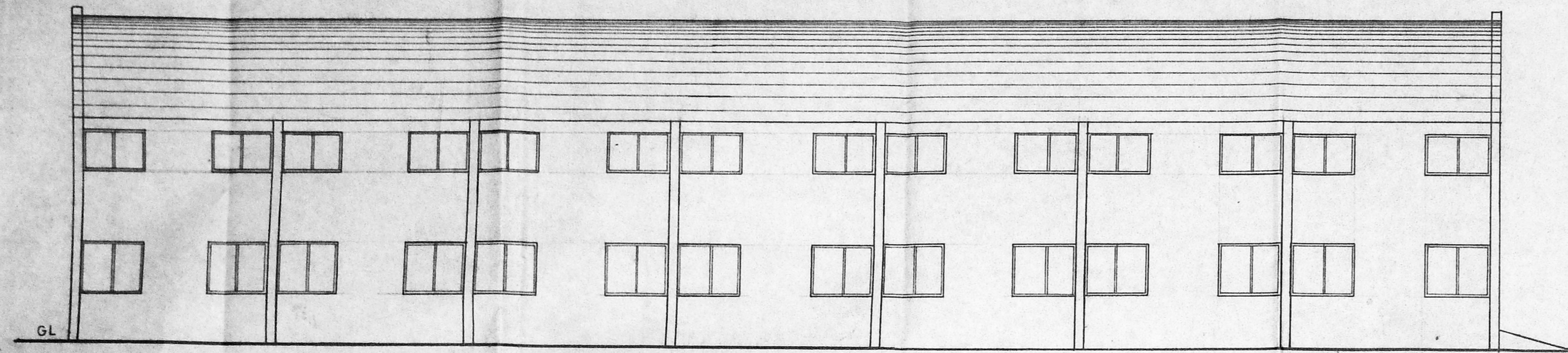
TITLE: ADMINISTRATIVE OFFICE BUILDING

NOTE: ALL DIMENSIONS ARE IN METRES

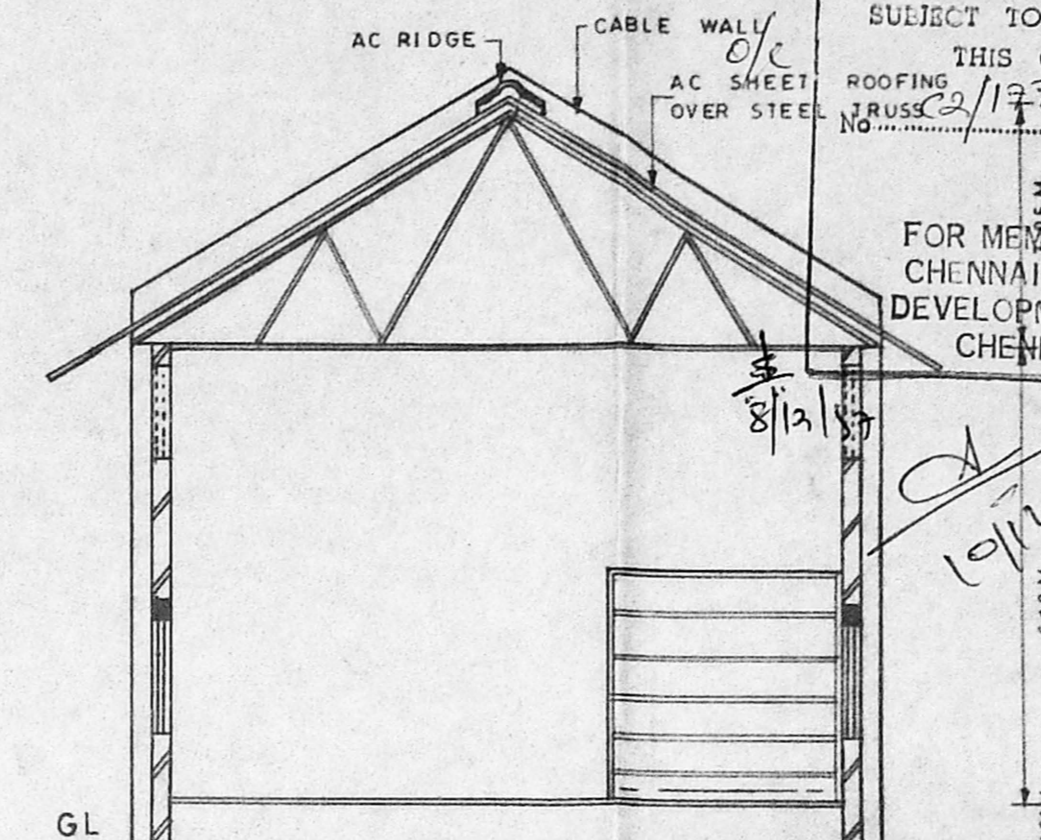
Phone: 4341531  
**B. GANESAN, D.C.E.**,  
 Consulting Engineer &  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation of Madras  
 Licence No. 24  
 Office: 15 Rameswari, Ann Rd. (Upstairs)  
**DRAWN BY: RAS-600 017.**

For LLOYD BITUMEN PRODUCTS  
 (A Division of PIBCO Ltd.)

**APPLICANT**



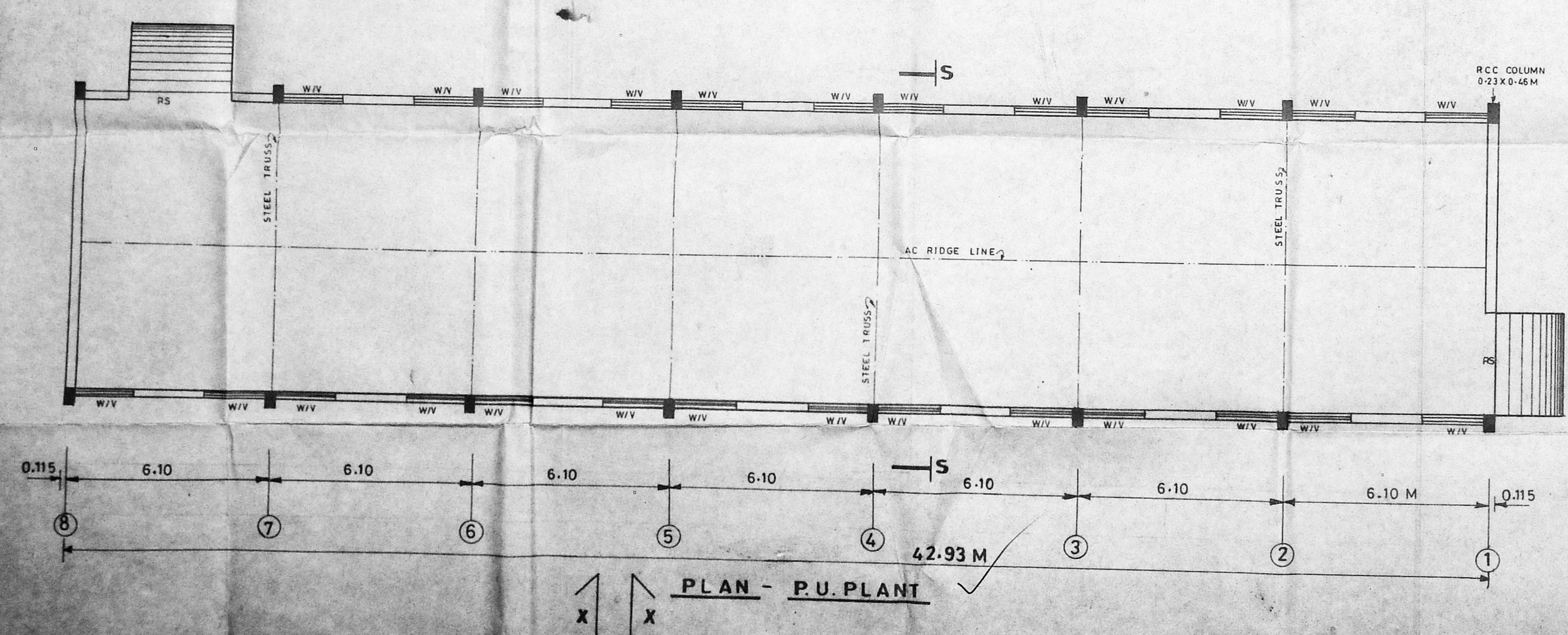
ELEVATION AT XX



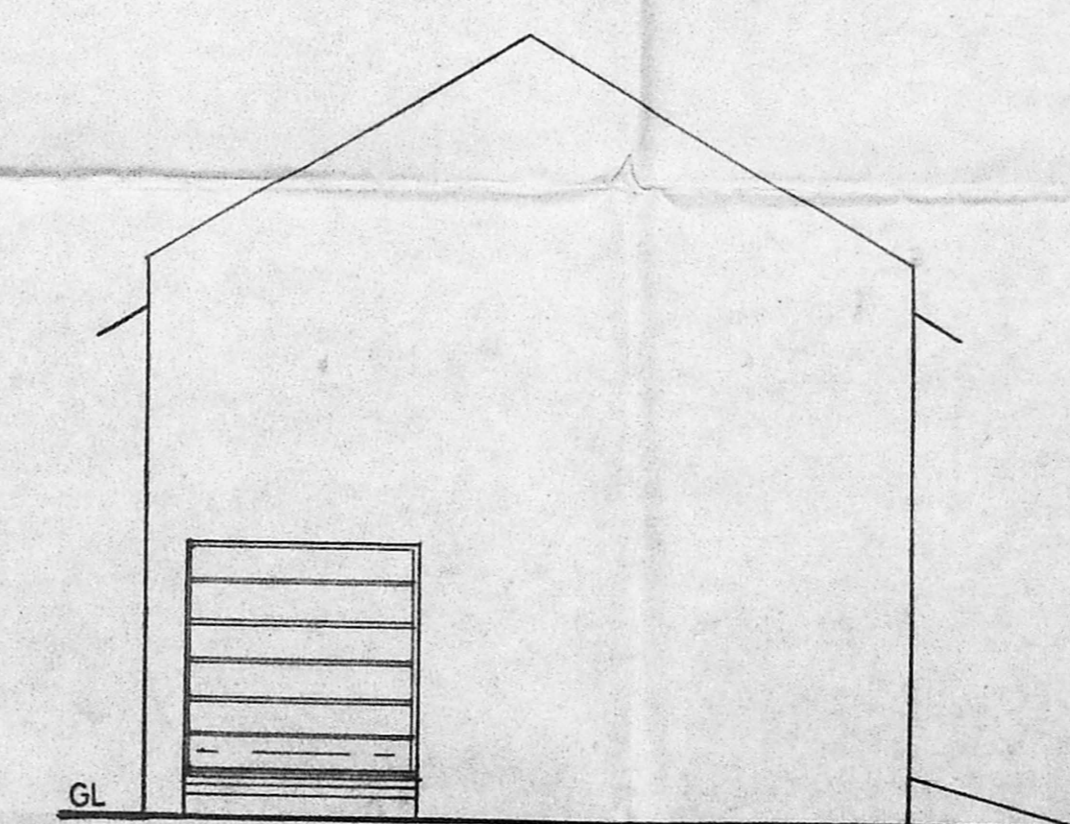
SECTION ON SS

Planning Permit No. e/24940/133 G/I/S  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 ROOFING TRUSS No. 19735/57 Date 12-97  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

- RS ROLLING SHUTTER 3-05X 3-05
- W WINDOW 1-83X 1-52
- V VENTILATOR 1-83X 1-22 M



PLAN - P.U. PLANT



ELEVATION AT YY

**m/s. LLOYD BITUMEN PRODUCTS**  
 (A DIVISION OF PIBCO LTD)  
 S.NO. 278/5B, MANALI,  
 CHENNAI.

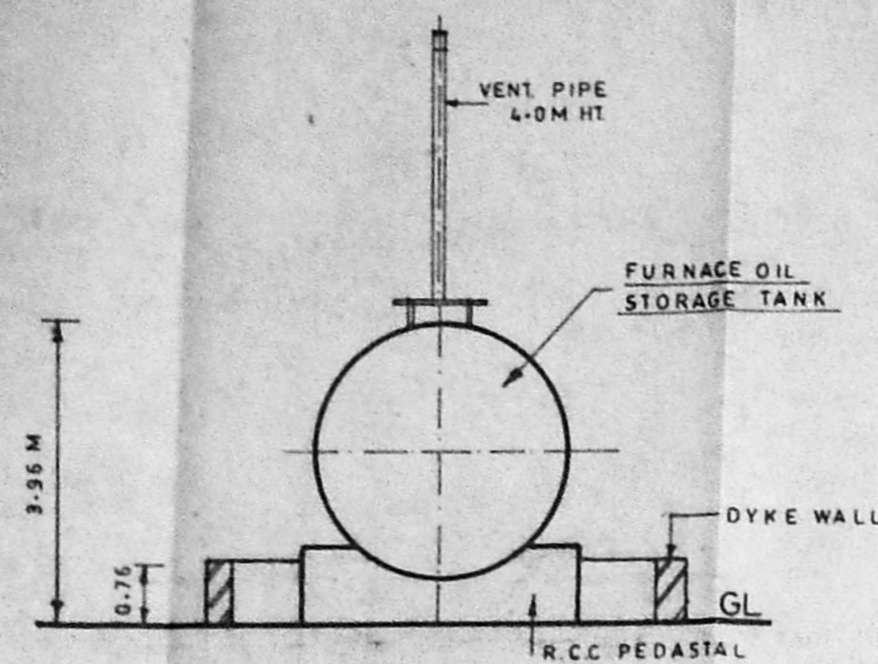
SCALE: 1:100 SHEET NO: 719

TITLE: P.U. PLANT

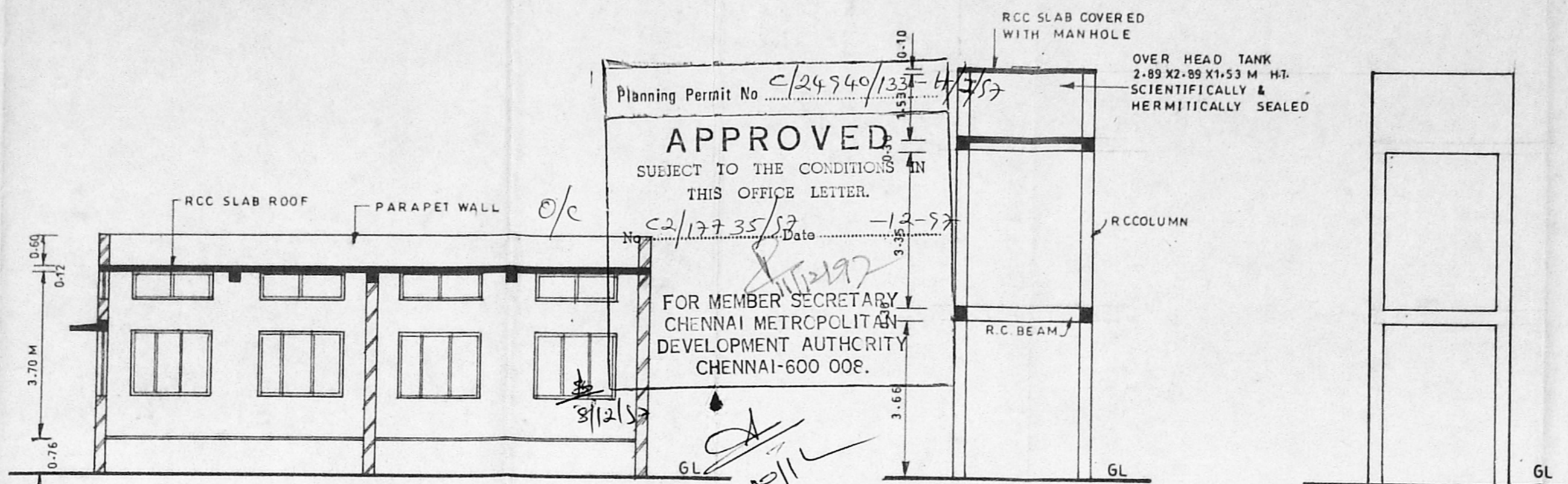
NOTE: ALL DIMENSIONS ARE IN METRES.

*B. Ganesan*  
**B. GANESAN, D.C.E.**  
 Consulting Engineer &  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation of Madras  
 Licenc. No. 24  
 Off: 15 Rameswaram Rd (Upstairs)  
 D. NAGAR, MADRAS-600 017.  
 DRAWN BY

For LLOYD BITUMEN PRODUCTS  
 (A Division of PIBCO Ltd.)  
  
 APPLICANT

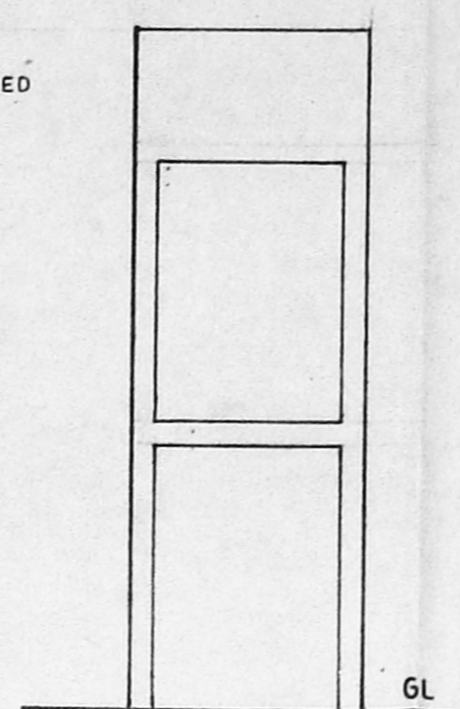


SECTION ON A-A



SECTION ON B-B

SECTION ON D-D



ELEVATION

LIST OF MACHINERIES		
S.No.	NAME OF MACHINE	H.P.
1	FURNACE OIL PUMP	3.00
2	COOLING TOWER FAN	5.00
3	COOLING TOWER PUMP	3.00
4	- do -	3.00
5	BORE WELL	5.00
6	BLOWING COLUMN MOTOR	5.00
7	- do -	5.00
8	- do -	5.00
TOTAL H.P. -		34.00
G	GENERATOR STAND BY	125 KVA
[ ] PROPOSED		

**m/s. LLOYD BITUMEN PRODUCTS**  
(A DIVISION OF PIBCO LTD.)  
S.No. 278/5B, MANALI, CHENNAI.

SCALE - 1:100 & 1:50 SHEET No. 8/9

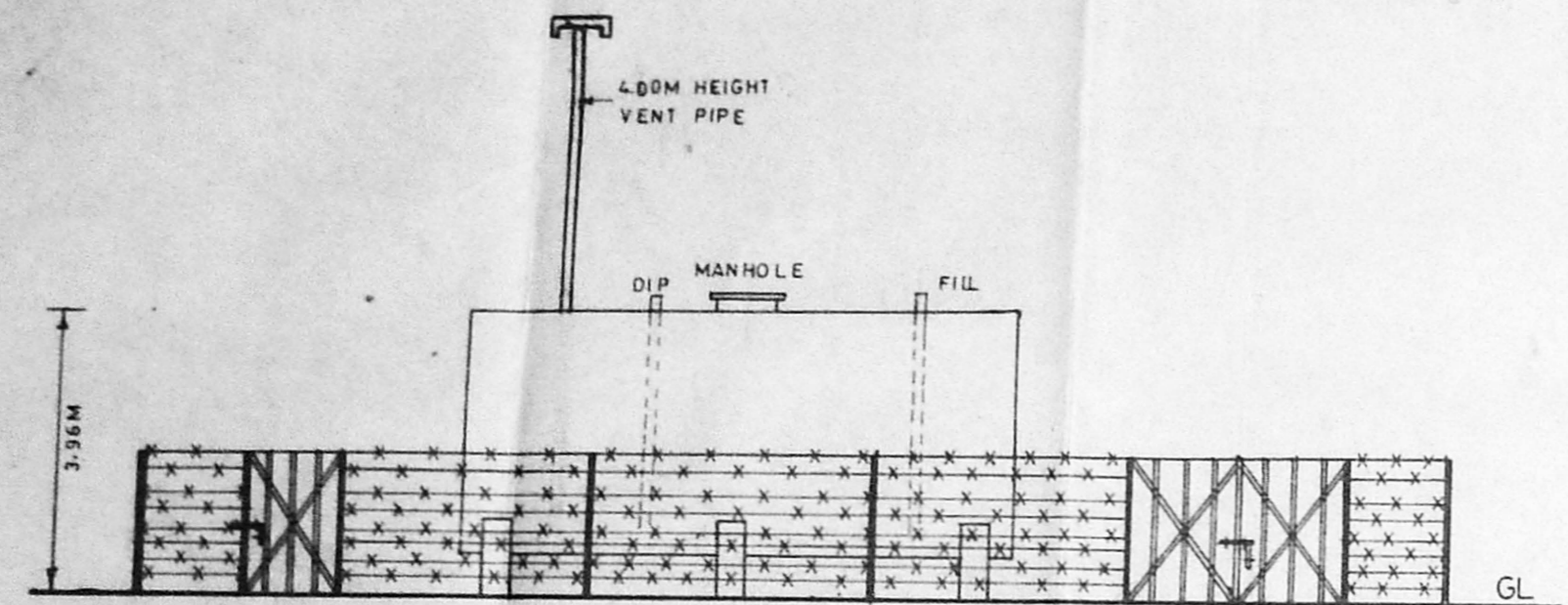
TITLE - FURNACE OIL STORAGE TANK YARD, GENERATOR/ POWER ROOM, TRANSFORMER YARD, WATER TANK/COOLING TOWER, BLOWING COLUMN

NOTE - ALL DIMENSIONS ARE IN METRES.

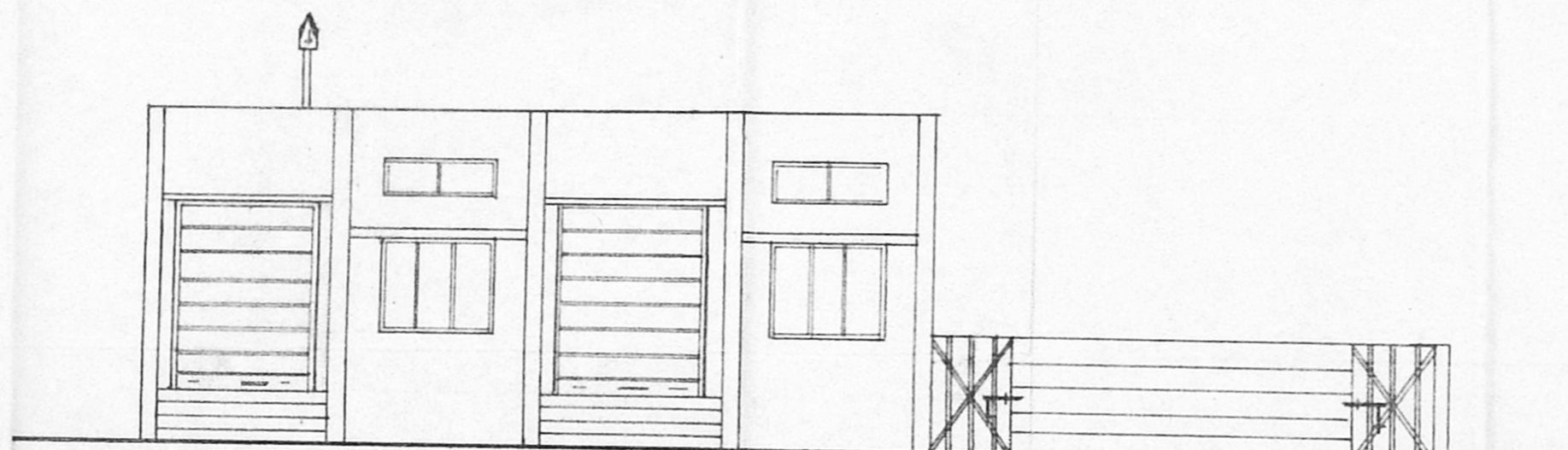
For LLOYD BITUMEN PRODUCTS (A Division of PIBCO Ltd.)

Phone: 4341531  
**B. GANESAN, D.C.E.**,  
Consulting Engineer &  
Civil Engineering Contractor  
Licensed Corporation  
**DRAWN BY**

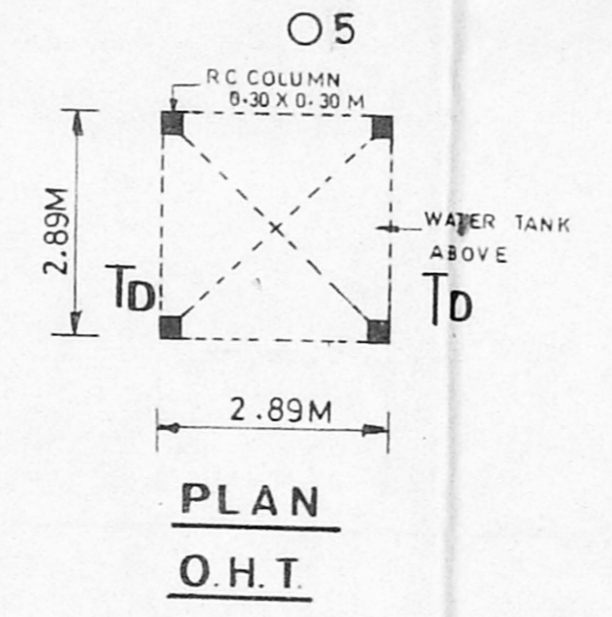
APPLICANT



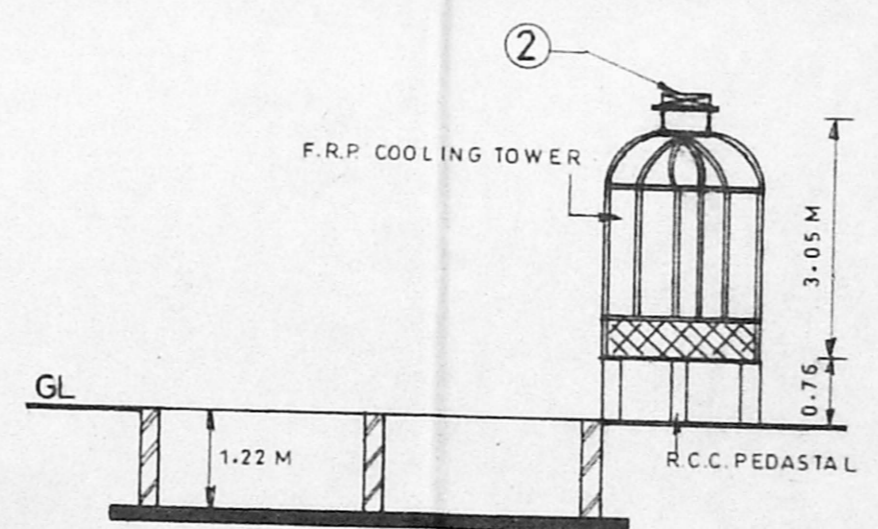
ELEVATION



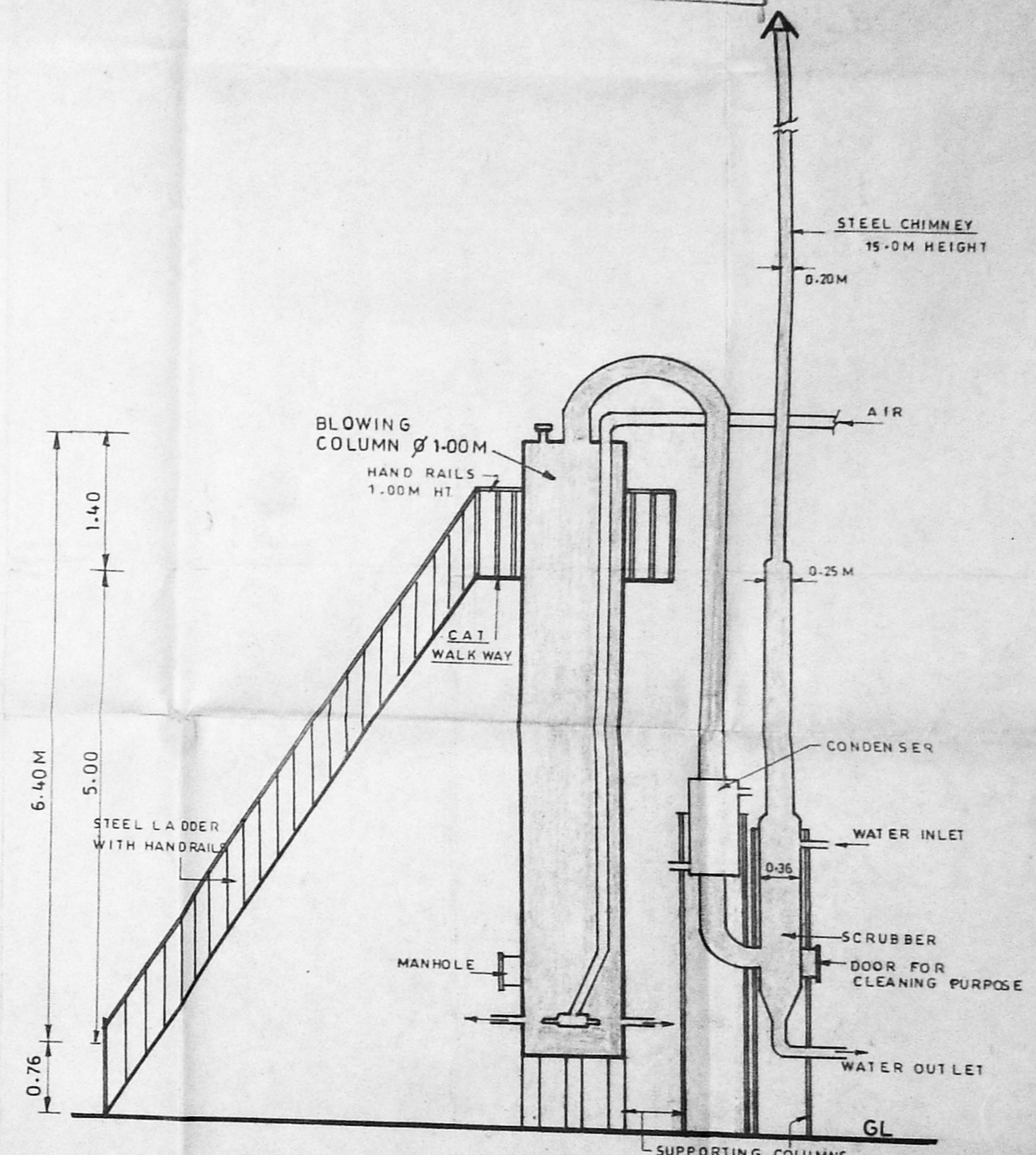
FRONT ELEVATION



PLAN O.H.T.

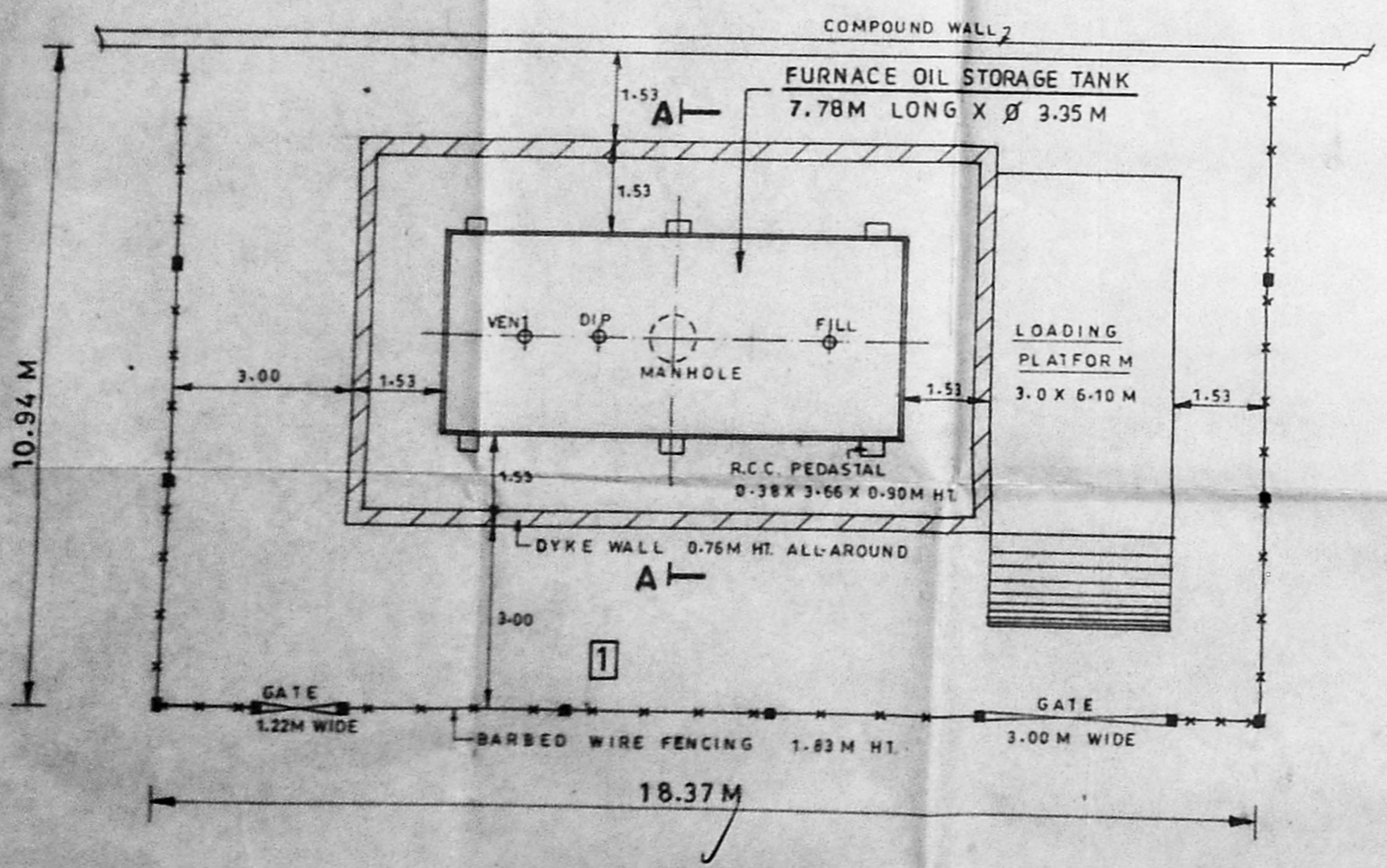


SECTION ON C-C

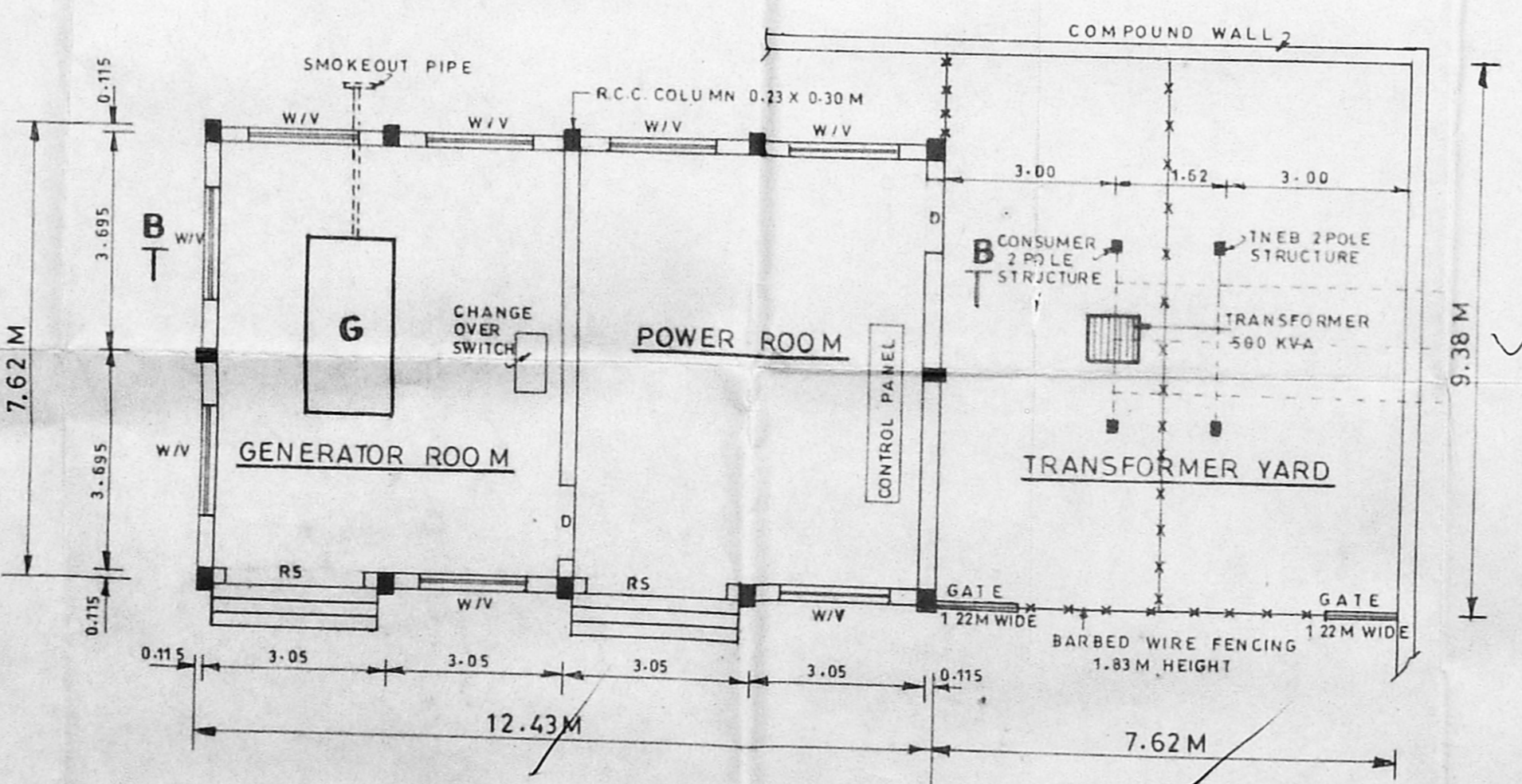


SECTIONAL ELEVATION ON E-E

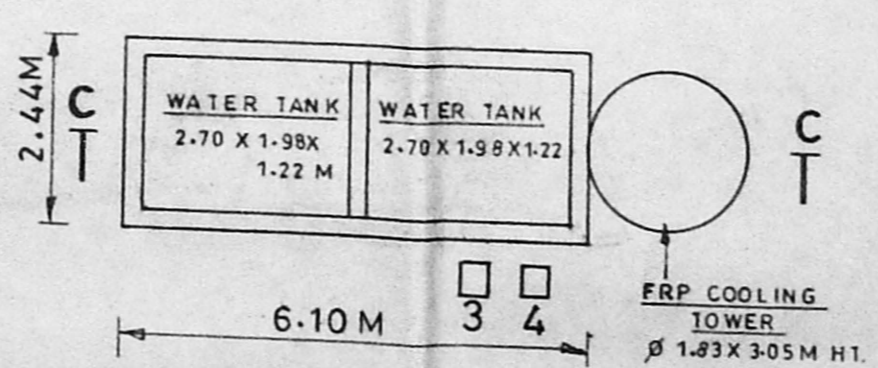
SCALE - 1:50



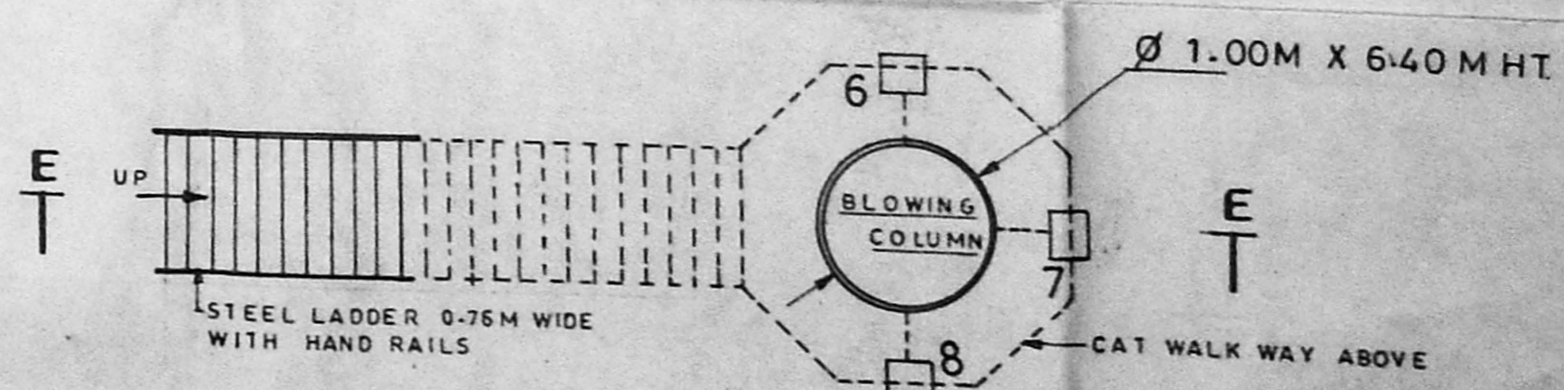
PLAN - FURNACE OIL STORAGE YARD



PLAN GENERATOR ROOM/POWER ROOM/TRANSFORMER YARD



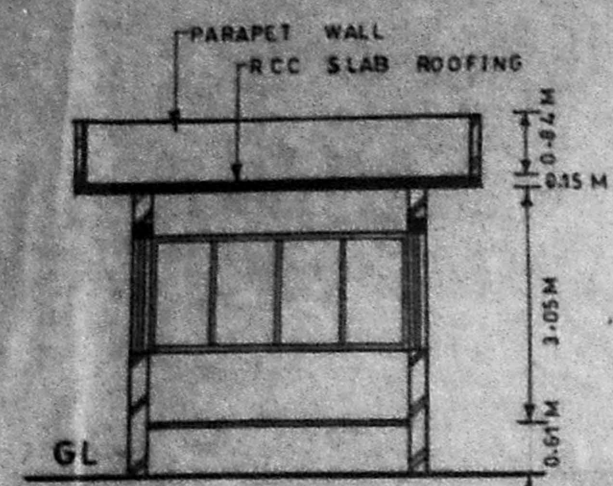
PLAN WATER TANK / COOLING TOWER



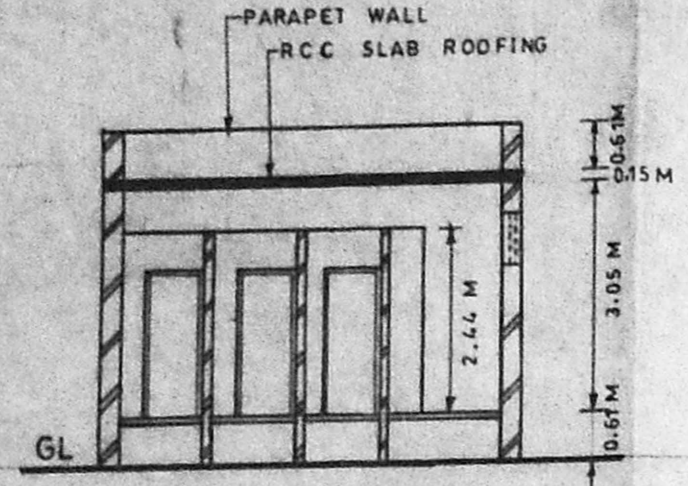
PLAN BLOWING COLUMN

SCALE - 1:50

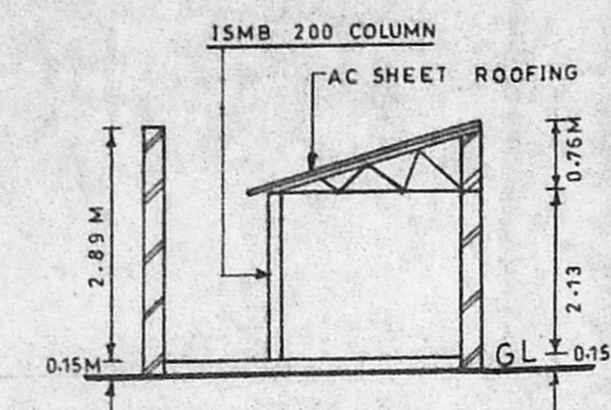




SECTION ON AA

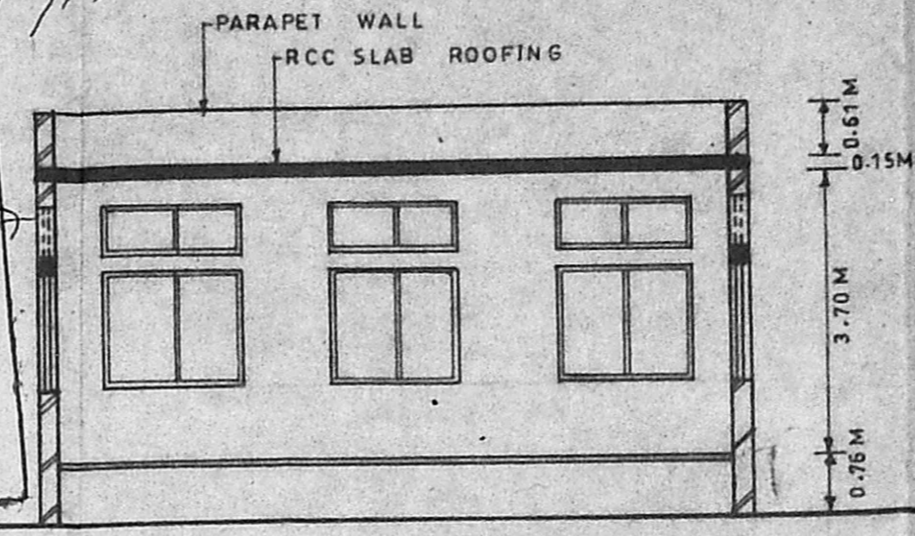


SECTION ON BB

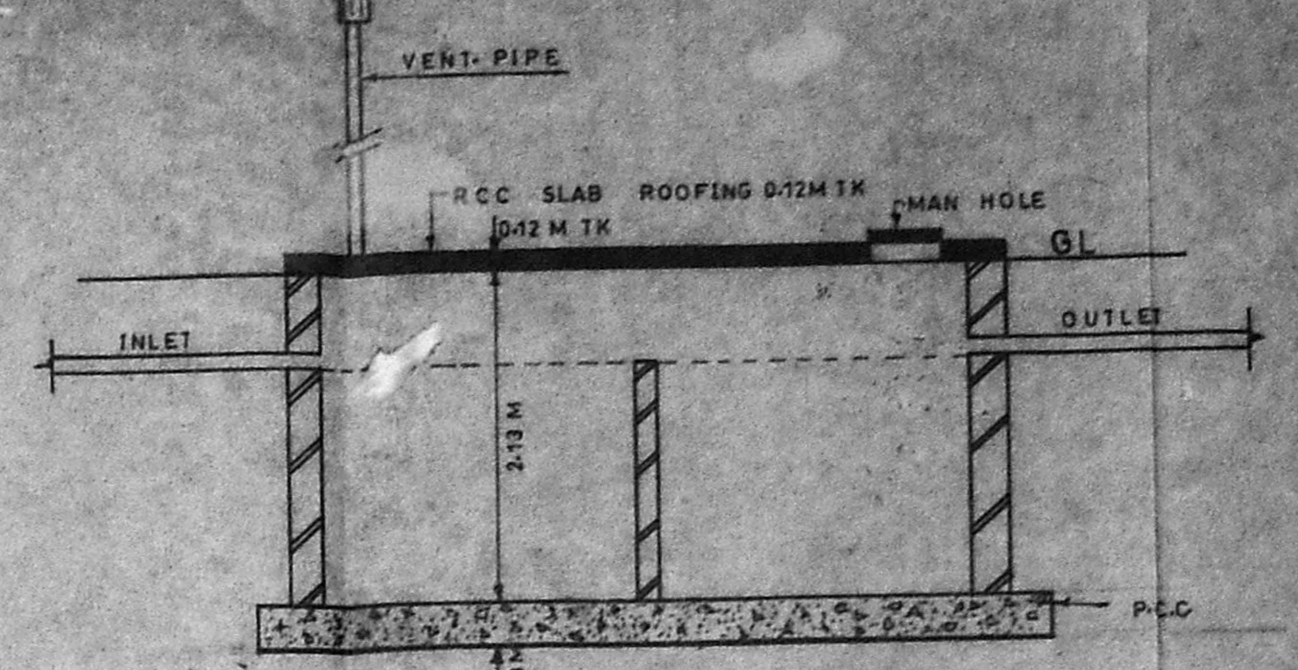


SECTION ON CC

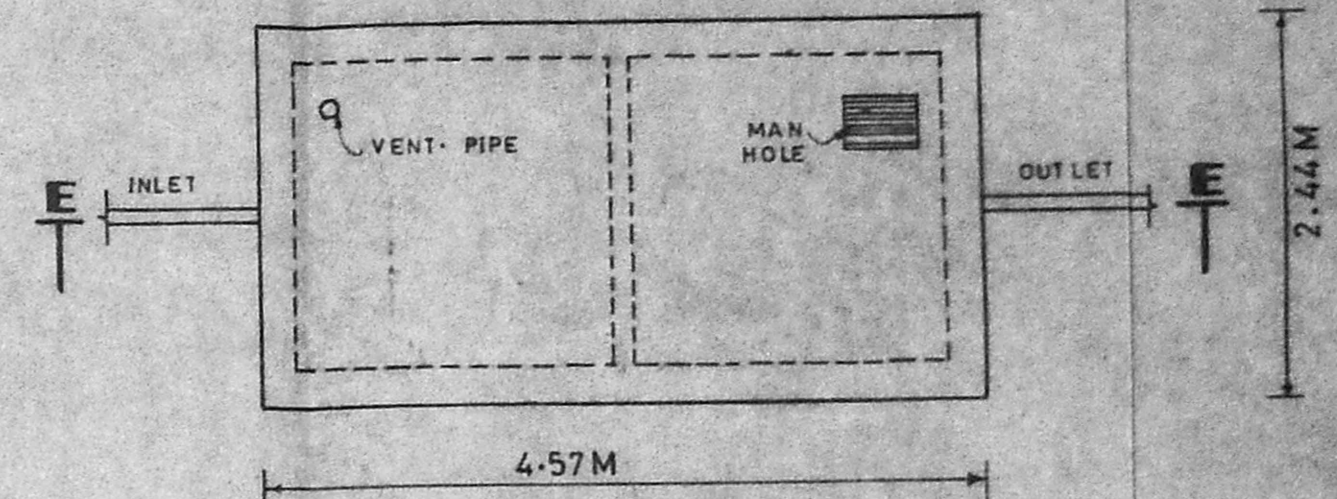
Planning Permit No. C/24540/133-1/1/57  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. C2/17725/02-12-97  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.



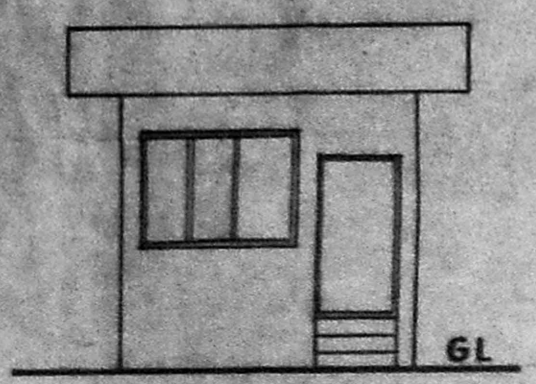
SECTION ON DD



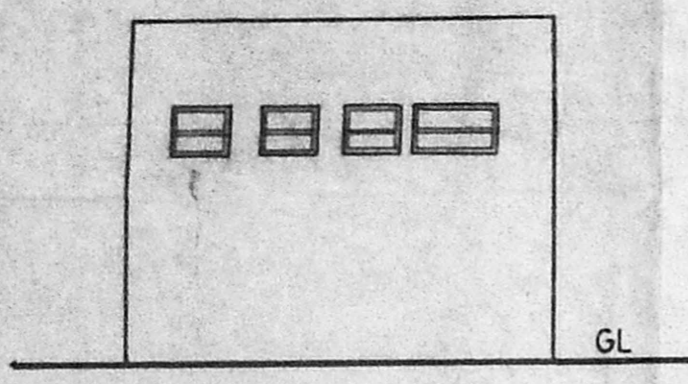
SECTION ON EE  
SCALE 1:50



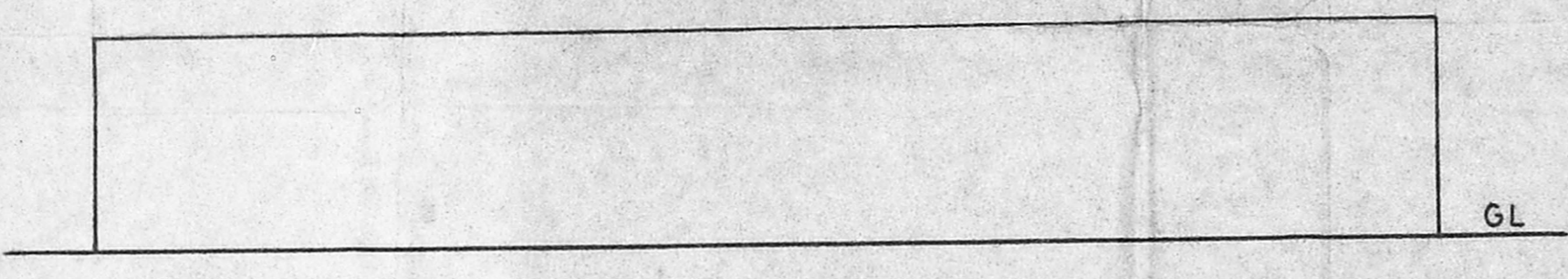
PLAN - SEPTIC TANK  
SCALE 1:50



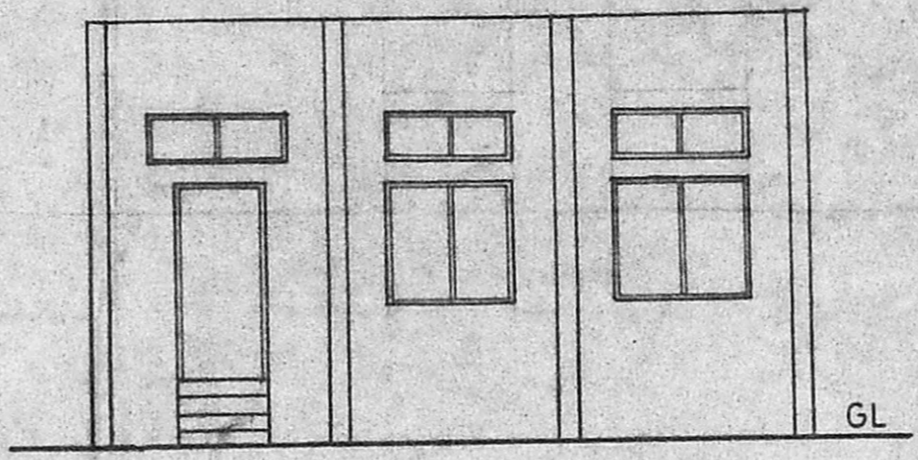
ELEVATION



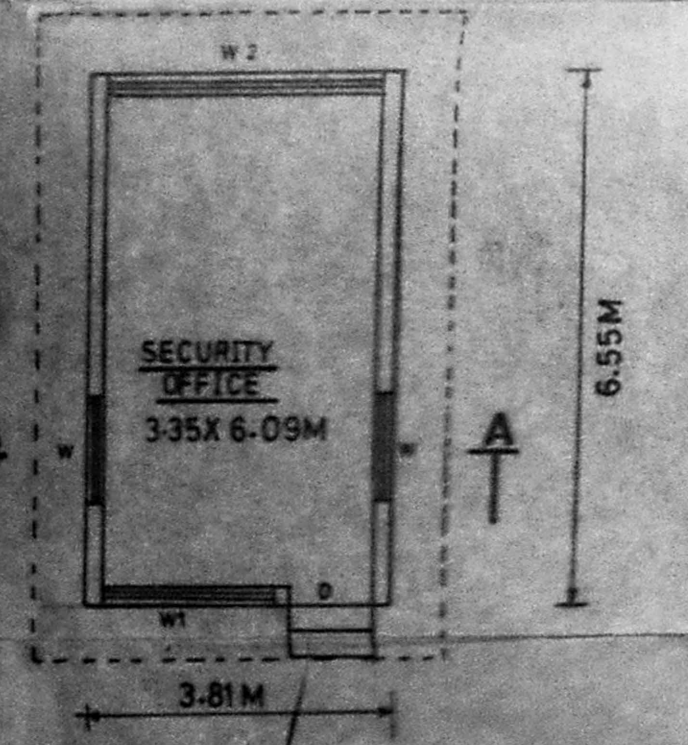
ELEVATION



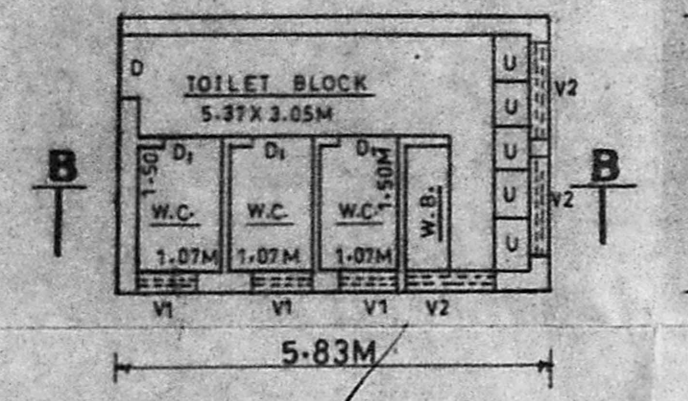
ELEVATION



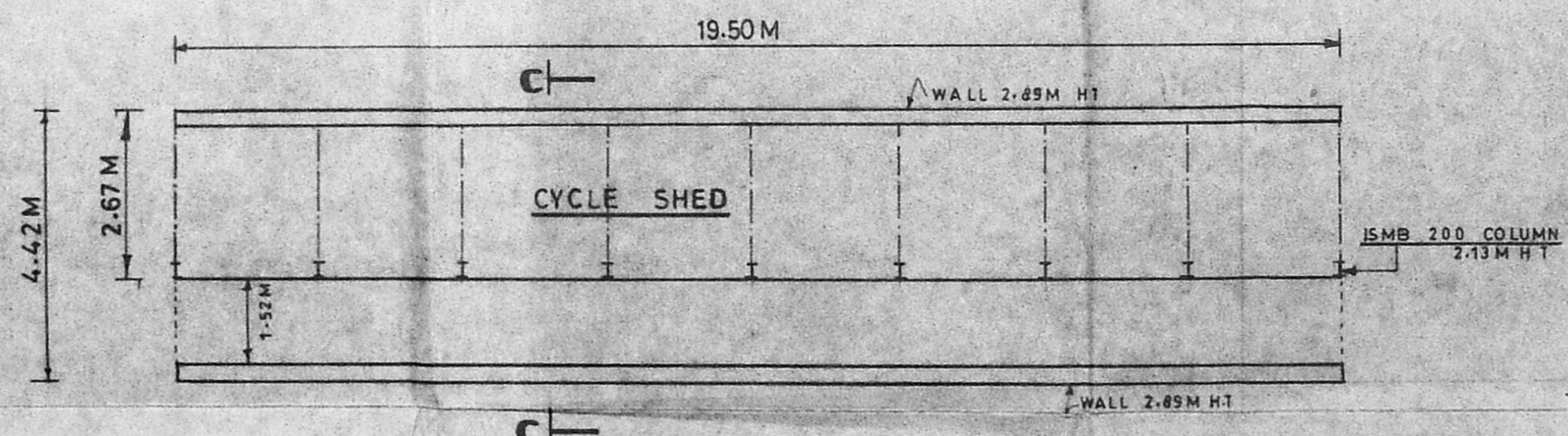
ELEVATION



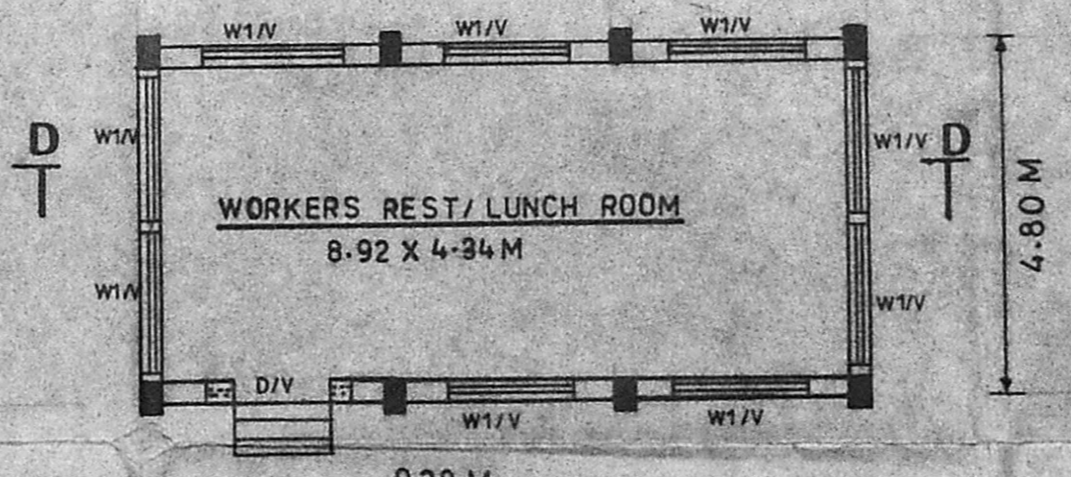
PLAN



PLAN



PLAN



PLAN

SCHEDULE OF JOINERY		
D	DOOR	1-22X 2-44
D1	DOOR	0-76X 1-98
W	WINDOW	1-52X 1-52
W1	do	1-83X 1-52
W2	WIN DOW	3-35X 1-52
V	VENTILATOR	1-83X 0-61
V1	do	0-76X 0-61
V2	do	1-22X 0-61

m/s. **LLOYD BITUMEN PRODUCTS**  
 (A DIV. OF PIBCO LTD)  
 S.No. 278/5B, MANALI,  
 CHENNAI.

SCALE: 1:100 1:50 SHEET No. 9/9

TITLE: SECURITY OFFICE, TOILET BLOCK,  
 CYCLE SHED, WORKERS REST/LUNCH ROOM,  
 SEPTIC TANK.

NOTE: ALL DIMENSIONS ARE IN METRES

Phone: 4341531  
**B. GANESAN, D.C.E.**  
 Consulting Engineer E.  
 Civil Engineering Contractor  
 Licensed Surveyor  
 Corporation of Madras  
 Licence No. 24  
 Off: 16 Rameswaram Rd, (Upstairs)  
 T. NAGAR, MADRAS-600 017.  
 DRAWN BY: *[Signature]*  
 APPLICANT

For LLOYD BITUMEN PRODUCTS  
 (A Division of PIBCO Ltd.)