

WIDTH OF STAR : 1200 mm  
 TREAD : 250 mm  
 RISER : 173-91 mm

MMDA 'C' / PP NO. 1  
 C.No. 02/02/69/52  
 Area: \_\_\_\_\_  
 Scrutiny: 2/10/5/19  
 PART I 4  
 PART II 50  
 AP

Planning Permit No. 4/PP/17/5/11  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER  
 No. 29/14/11/11/11/11/11  
 FOR THE SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS-600 008.

**N**  
 THIS DRAWING SHOULD BE READ WITH  
 OUR DRAWING No. 104/c & 105/a

JOINERY  
 W1 - STEEL WINDOW - 1475 x 1175 (15 HS 12)  
 W2 - DO - 1475 x 1175 (15 HF 12)

For TUBE INVESTMENTS OF INDIA LTD.  
 PERIASAMY B. G. S.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS-600052

NO.	DATE	REVISION	INT.
A	18.8.92	AREA EXTENDED	Ramps

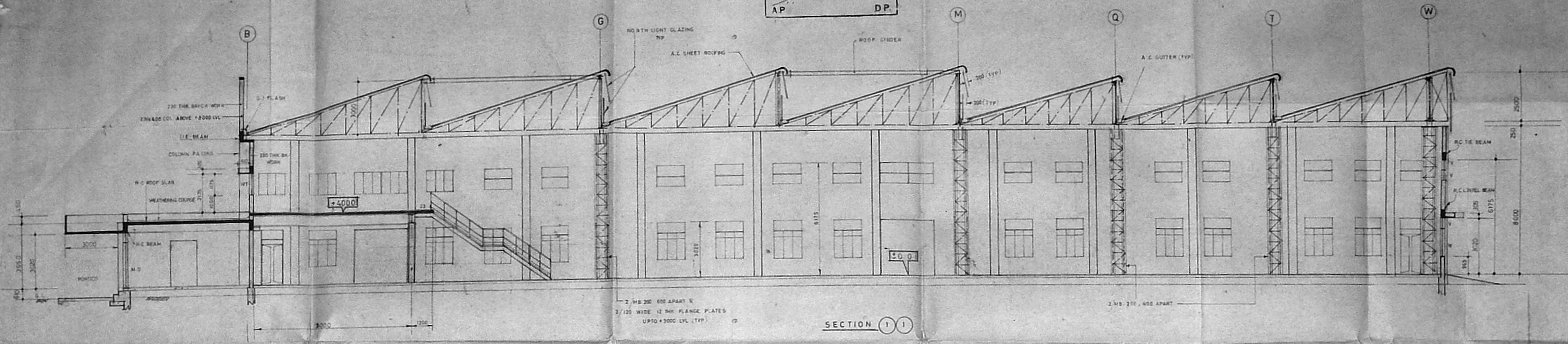
TUBE INVESTMENTS OF INDIA LIMITED  
 FACTORY AT PARUTHIPATTU, R.S NO. 703, 704, 705 & 706  
 POONAMALLEE AVADI ROAD, MADRAS

DRN. Ramps  
 CHD. Ramps  
 DATE 29.7.92  
 ASWATHANARAYANA & ESWARA  
 CONSULTING ENGINEERS & ARCHITECTS  
 57, ADIAPETTAN HIGH ROAD, MADRAS 6

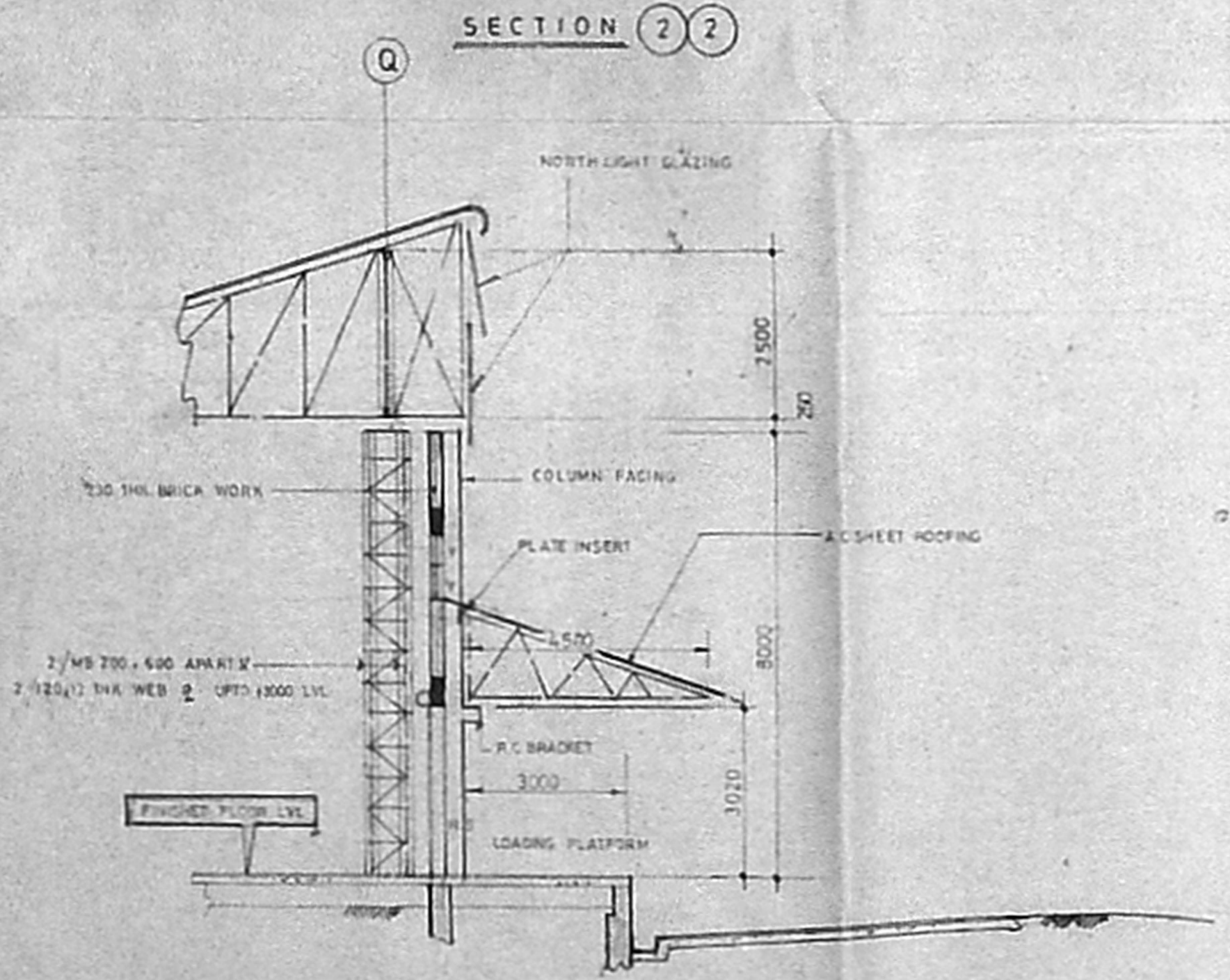
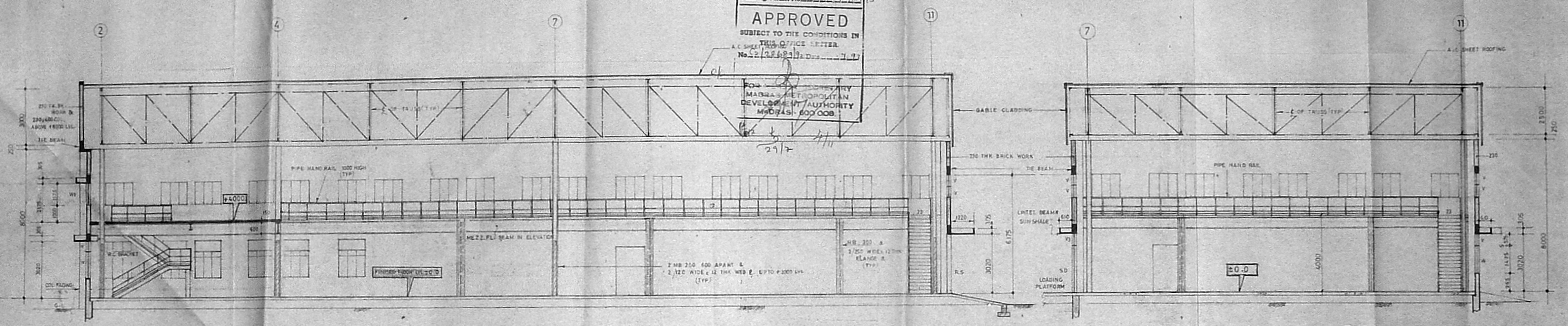
JOB NO. 512  
 DRG NO. 109/A  
 SCALE 1:100  
 PROPOSED EXPANSION-ASSEMBLY & PAINT SHOP  
 MEZZANINE FLOOR PLAN

MEZZANINE FLOOR PLAN +4000 LVL.

AREA 'C' / PP NO. 1  
 No. 02/02/84/12  
 A.C.  
 Scrutiny: 7/14  
 PART I  
 PART II  
 AP D.P.



Planning Permit No. C/PP/199/P/12/13  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER  
 No. 2/22/84/12/13  
 FOR THE METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS-600 008



For TUBE INVESTMENTS OF INDIA LTD.  
 Company Engineer

NO.	DATE	REVISION	INT.
B	18.8.92	AREA EXTENDED	Plama
A	31.07.92	REVISED AND REDRAWN	Rajya

TUBE INVESTMENTS OF INDIA LTD  
 FACTORY AT PARUTHIPATTU, R.S. NO. 703, 704, 705 & 706  
 POONAMALLEE AVADI ROAD, MADRAS

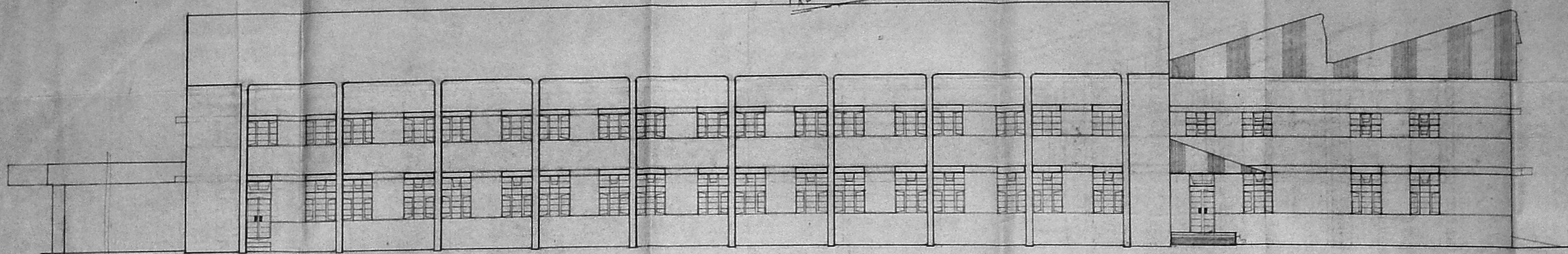
P. PERIASAMY M. S. S. S.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 ADAS-600008

DRN. Ramesh  
 CHD. S. S. S. S.  
 DATE 25.6.92  
 CONSULTING ENGINEERS & ARCHITECTS  
 67, ROYAPETTAN HIGH ROAD, MADRAS-4

PROPOSED EXPANSION-ASSEMBLY & PAINT SHOP  
 JOB NO. 512  
 DRG. NO. 106/B  
 SCALE 1:100

SECTIONS

WMDA 'C' / PP NO. 1  
 C.No. 2286/1973  
 Assn. \_\_\_\_\_  
 Scrutiny: P. Jais  
 PART I \_\_\_\_\_  
 PART II \_\_\_\_\_  
 AD \_\_\_\_\_  
 6/14

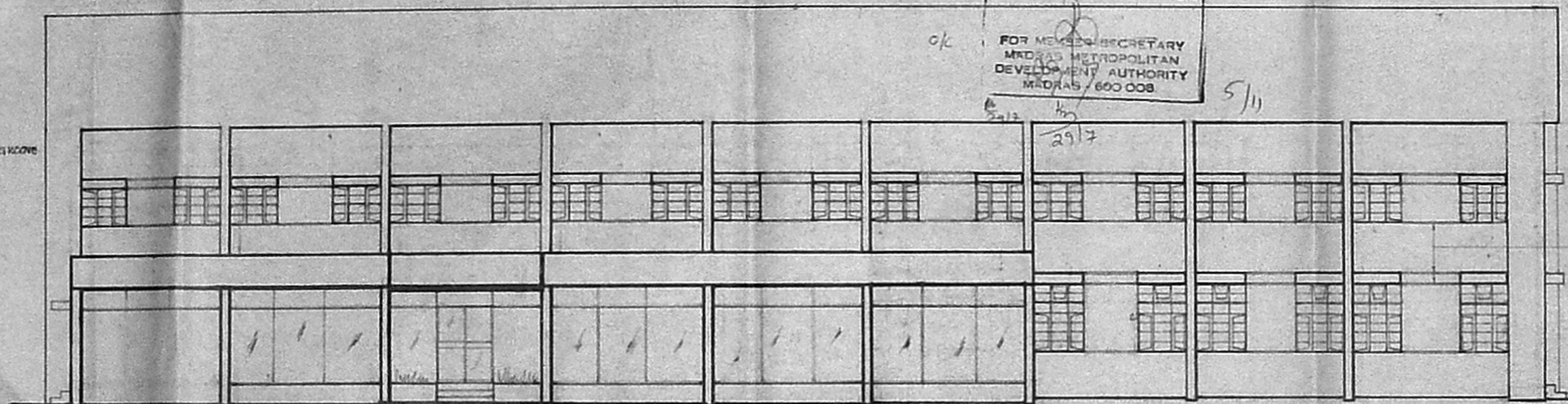


3000  
 Shown  
 2000

EAST SIDE ELEVATION

Planning Permit No. C/PP/19/14/93  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. C/2286/1973 DUE 27-73  
 ok  
 FOR MEMBER SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS - 600 008  
 5/11

PLASTER GIRDERS



PLASTER GROOVES

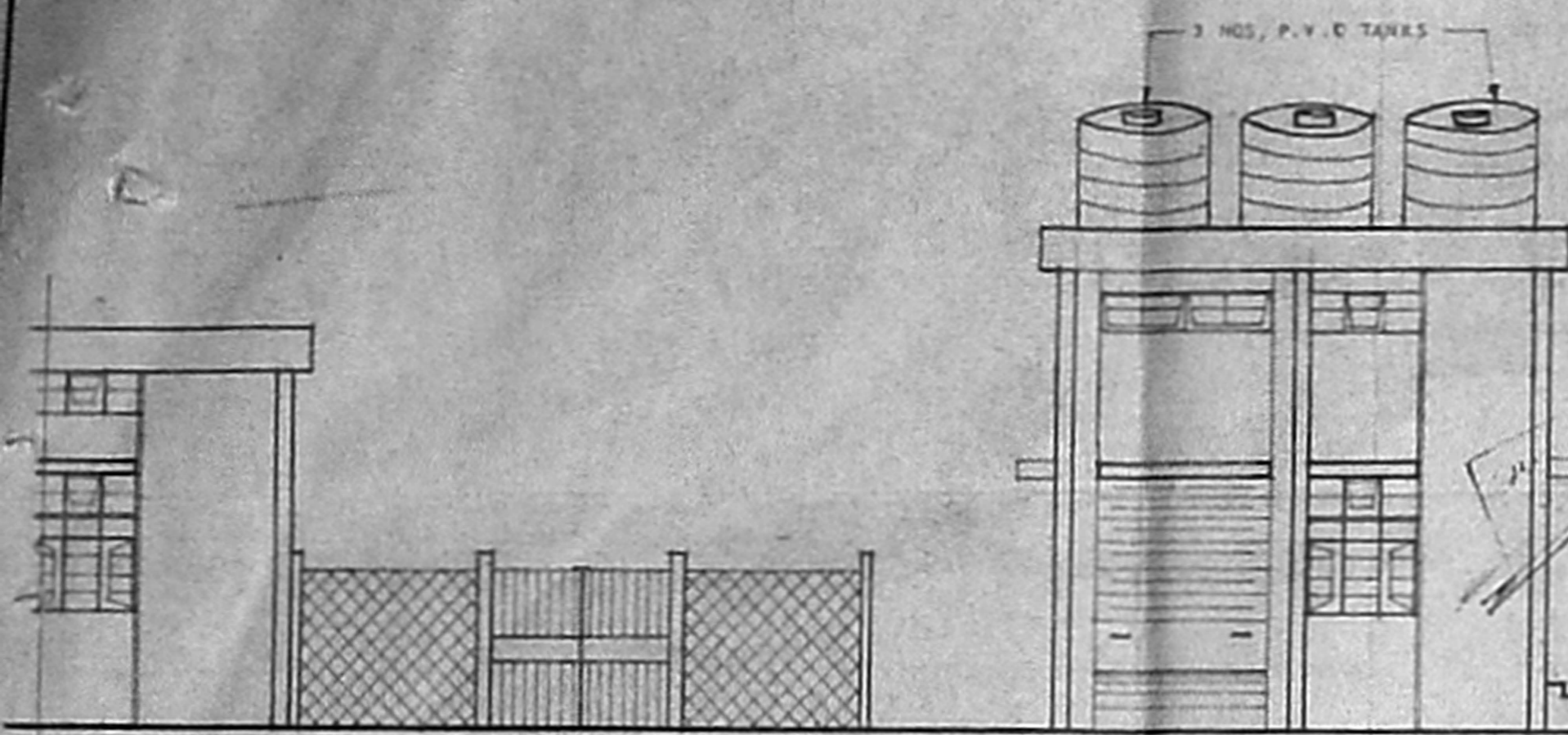
SOUTH SIDE ELEVATION

For TUBE INVESTMENTS OF INDIA LTD  
 [Signature]

NO	DATE	REVISION
TUBE INVESTMENTS OF INDIA LIMITED FACTORY AT PARUTHIPATTU, R.S. NO. 703, 704, 709 & 706 PONNAMALLE AVADI ROAD, MADRAS.		
H. S. S. S. S. P. S. S. S. S. ASWATHANARAYANA & ESWARA CONSULTING ENGINEERS & ARCHITECTS 87 ROYAPETTAH HIGH ROAD, MADRAS. 4		DRN : OK CHD : [Signature] DATE : 21.8.92
PROPOSED EXPANSION ASSEMBLY & PAINT SHOP ELEVATIONS		JOB NO : 512 DRG. NO. : 118 SCALE : 1:100

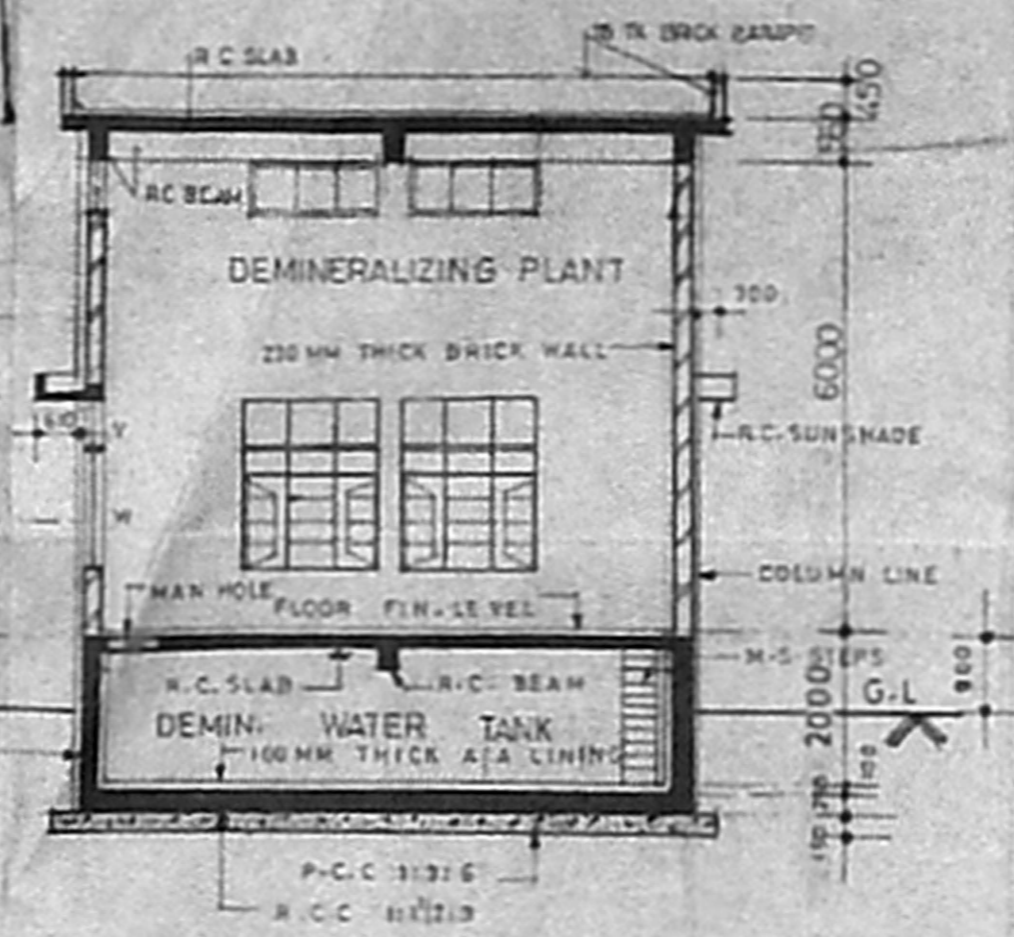
L. V. S. S.  
 P. S. S. S. S.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS - 600008

AMDA 'C' / PP NO /  
 C No. CA/28621/92  
 Assl  
 Scrutiny: 2/1/92  
 PART I  
 PART II

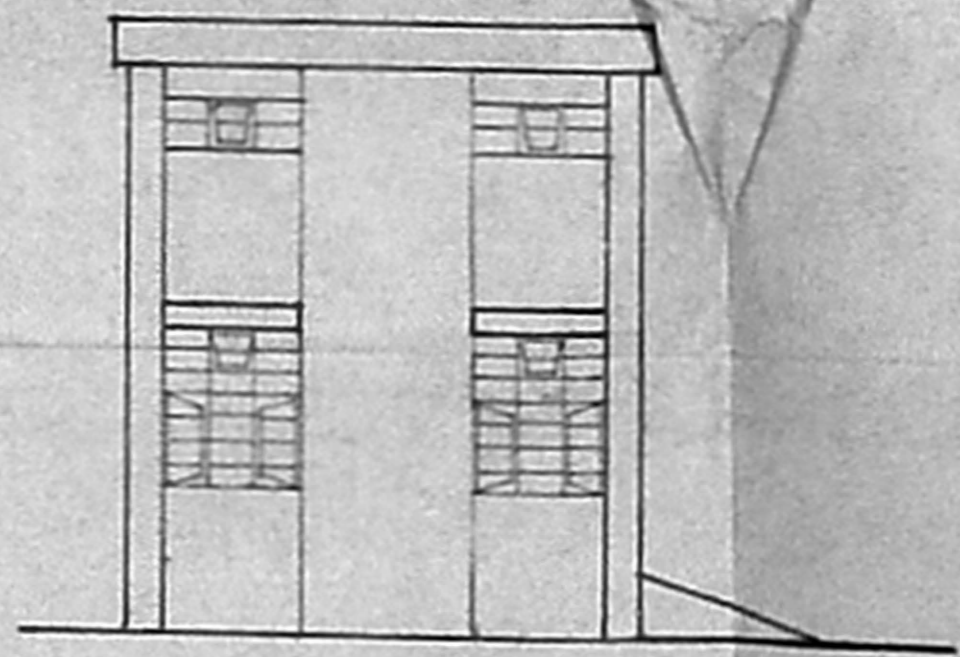


FRONT ELEVATION

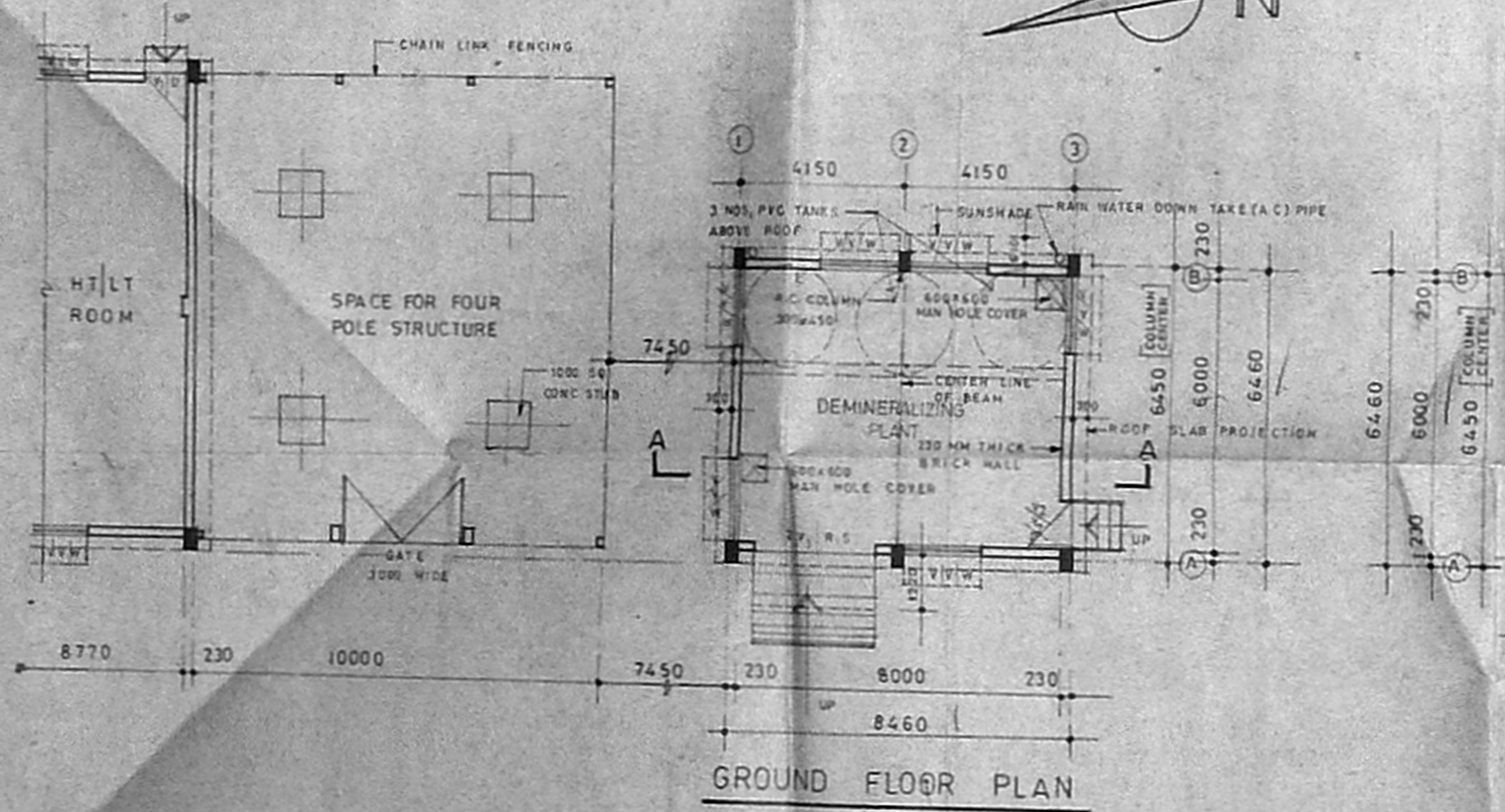
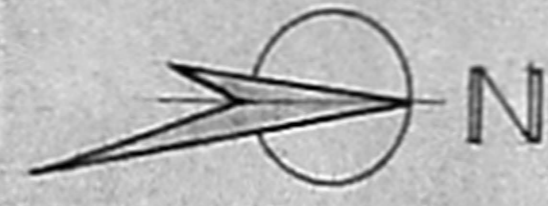
Planning Permit No. C/PP/79/11/1  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. CA/28621/92 Date: 2-1-92  
 FOR THE SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS - 600 008.



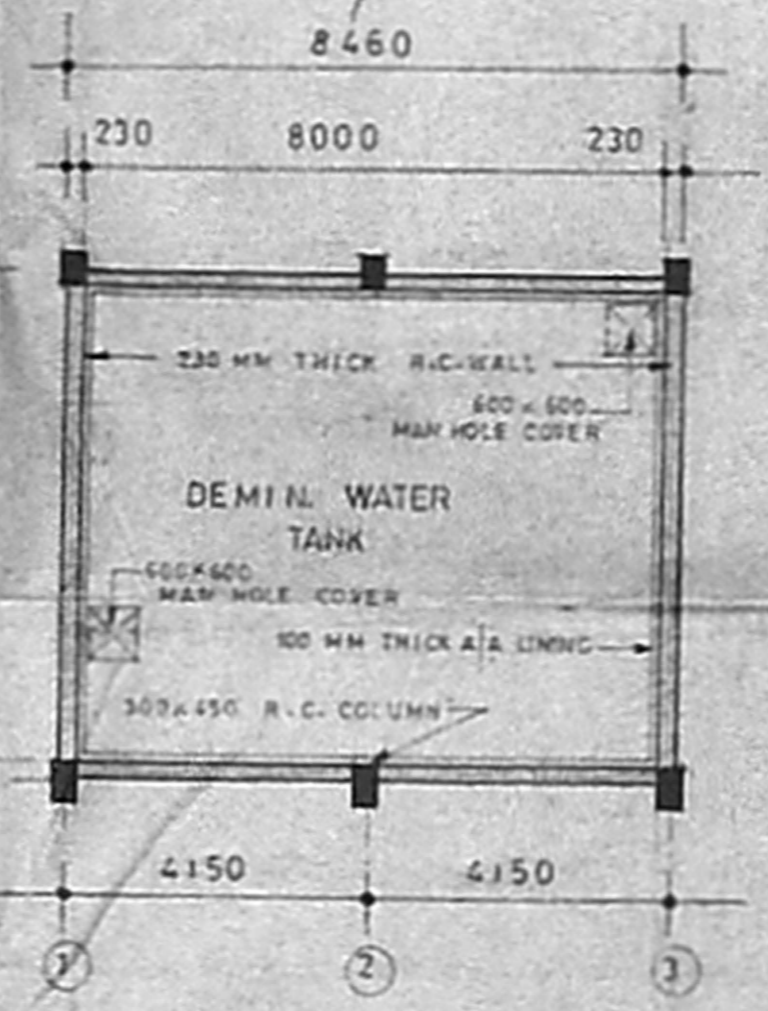
SECTION A - A



SOUTH SIDE ELEVATION



GROUND FLOOR PLAN



BASEMENT FLOOR PLAN

SCHEDULE OF JOINERY

R/S	ROLLING SHUTTER	3000 x 3020
D	STEEL DOOR	1194 x 2440
W	STEEL WINDOW	1775 x 1475 - 18 HS 15
V	STEEL VENTILATOR	1775 x 575 - 18 HT 6
V1	STEEL VENTILATOR	1475 x 575 - 15 HT 6
V2	STEEL VENTILATOR	1175 x 575 - 12 HT 6

For TUBE INVESTMENTS OF INDIA LTD.  
*[Signature]*  
 Company Secretary

NOTE:  
 FOR OTHER DETAILS REFER  
 OUR DRAWING NO: III/C

A	27-3-92	BLDG HT INCREASED TO 6550	LWK
NO	DATE	REVISION	N S

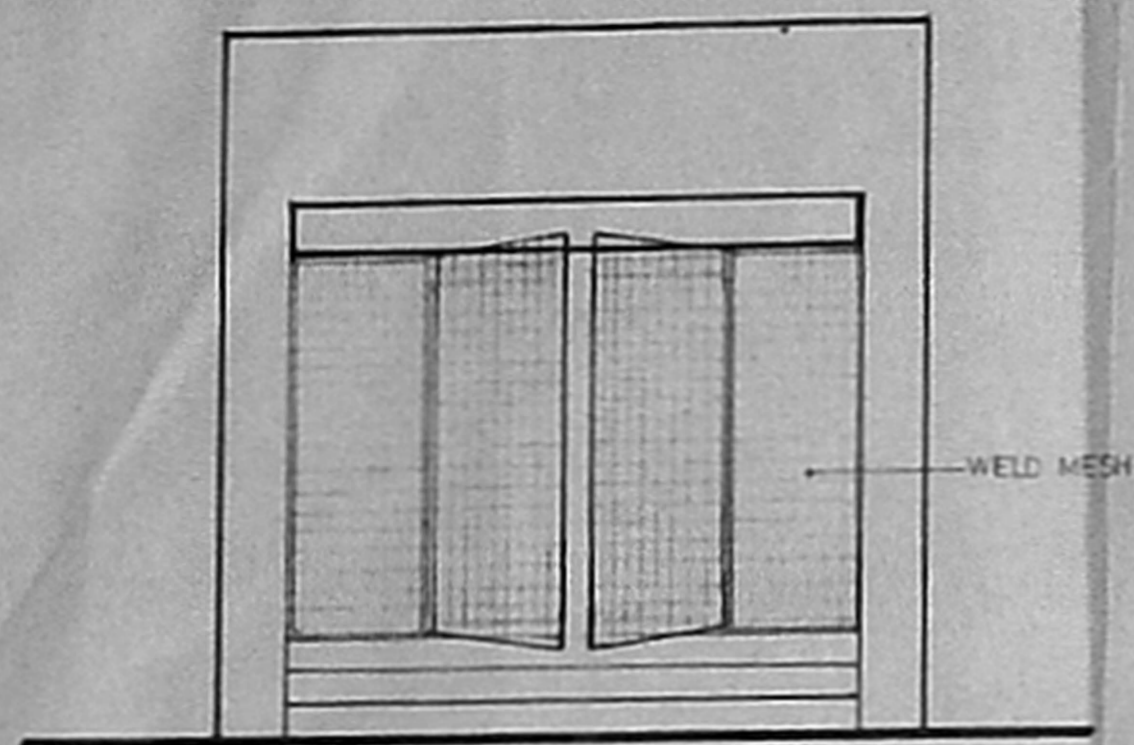
TUBE INVESTMENTS OF INDIA LIMITED.  
 FACTORY AT PARUTHIPATTU,  
 POONAMALLE AVADI ROAD, MADRAS -  
 R.S. NO: 703, 704, 705, 4706.

*[Signature]*  
**L. PERIASAMY D.C.E.**  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS - 600005

*[Signature]*  
 B.E.F.I.E  
 REGD. ARCH. NO: CA/71/3816  
 ASWATHANARAYANA & ESWARA  
 CONSULTING ENGINEERS & ARCHITECTS  
 67, ROTAPETIAH HIGH ROAD, MADRAS-4.

DRN : N-57  
 CKD : *[Signature]*  
 DATE : 22-1-92  
 JOB NO : 512  
 DRG-NO : 90A  
 SCALE : 1:100

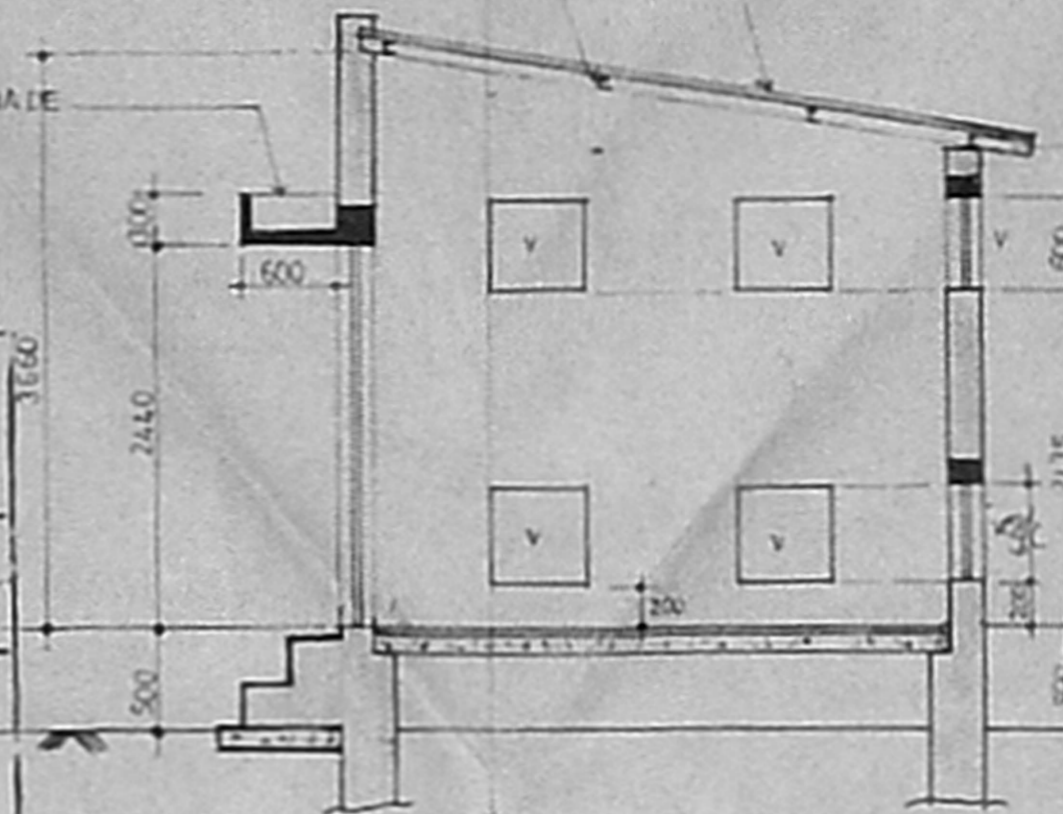
PLAN, SECTION & ELEVATION FOR  
 DEMINERALIZING PLANT & ROOM.



FRONT ELEVATION

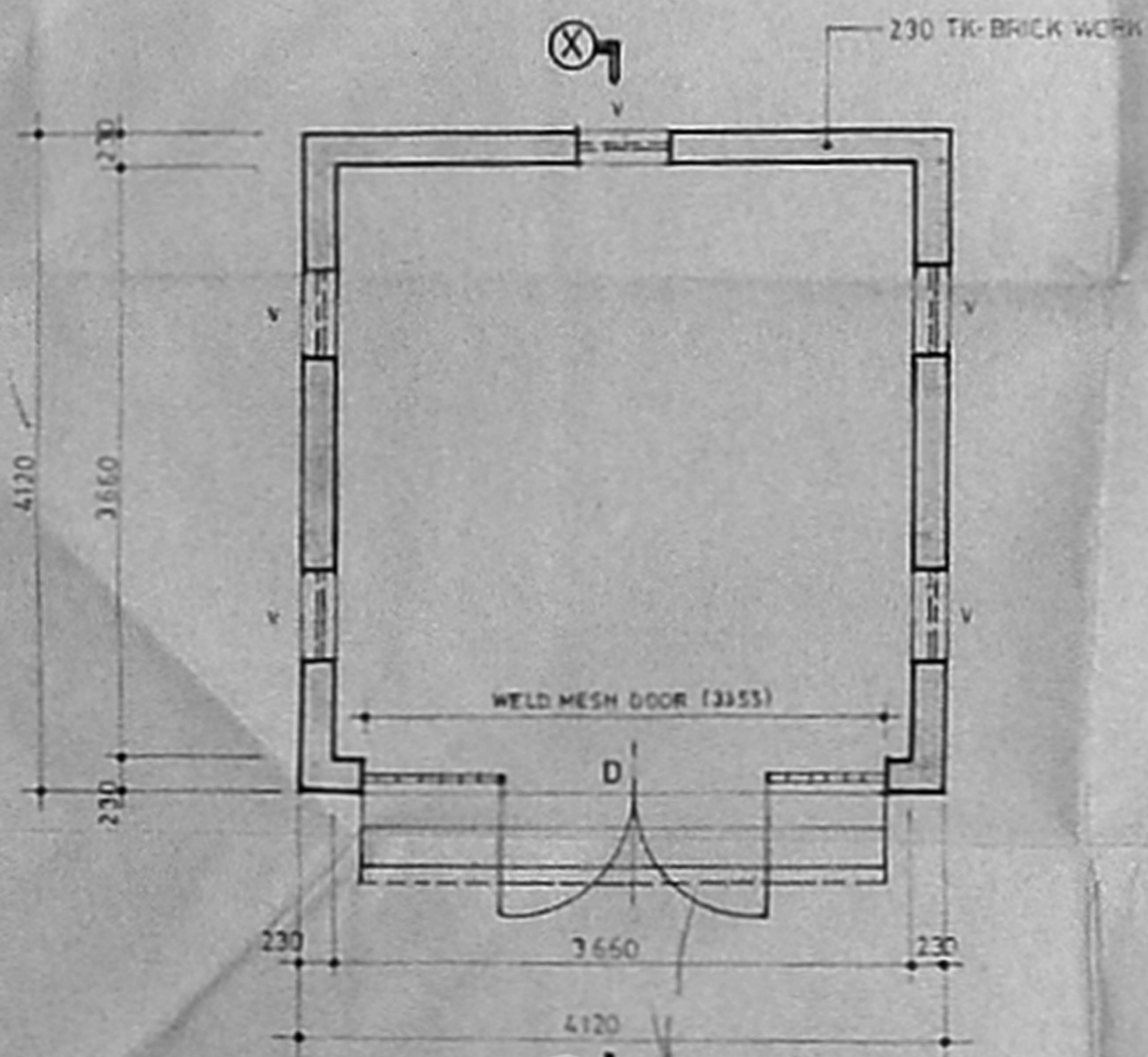
MDA 'C' / PP NO /  
 C.No. PC/28685/92  
 Asst. \_\_\_\_\_  
 Scrutiny: 9/14  
 PART I \_\_\_\_\_  
 PART II \_\_\_\_\_  
 A.P. \_\_\_\_\_ D.P. \_\_\_\_\_

R.C. CONTROL & SUNSHADE

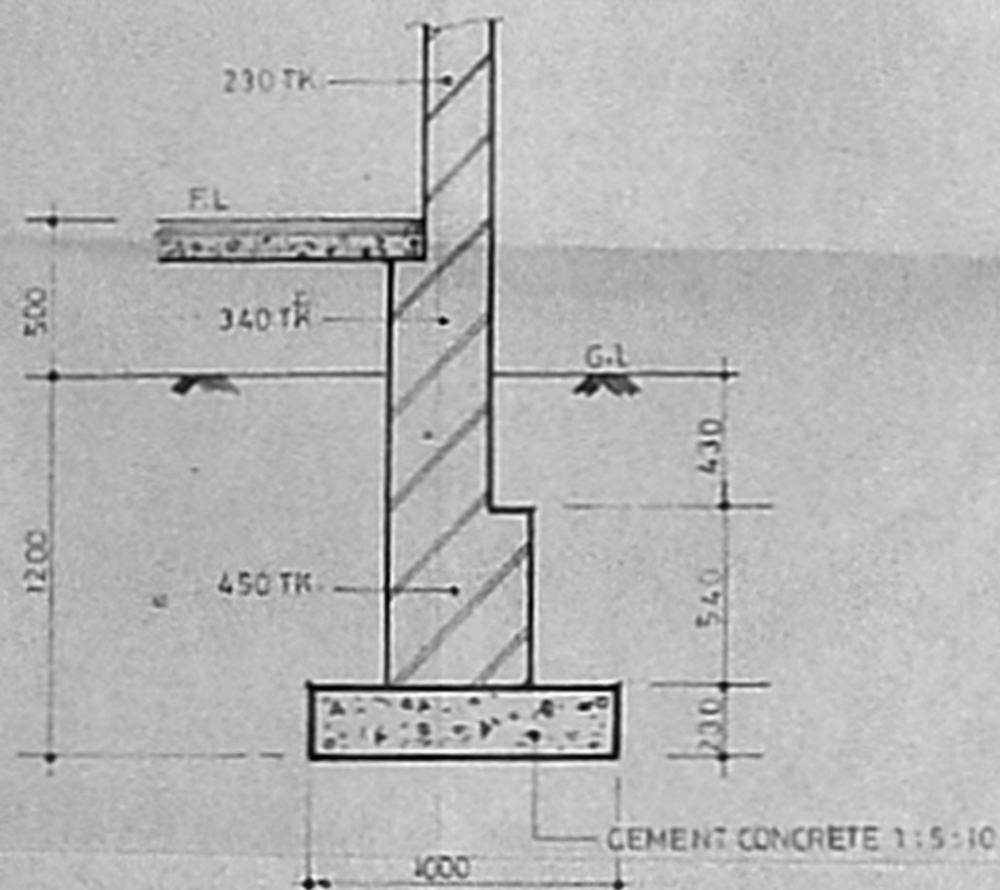


SECTION XX

Planning Permit No. C/PP/99/11/93  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE FILE.  
 No. PC/28685/92  
 FOR THE SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS 600 008.



PLAN



FOUNDATION DETAIL FOR  
 230 TK BRICK WORK.

G. V. S. S.  
 PERIASAMY D. C. E. S.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS 600005

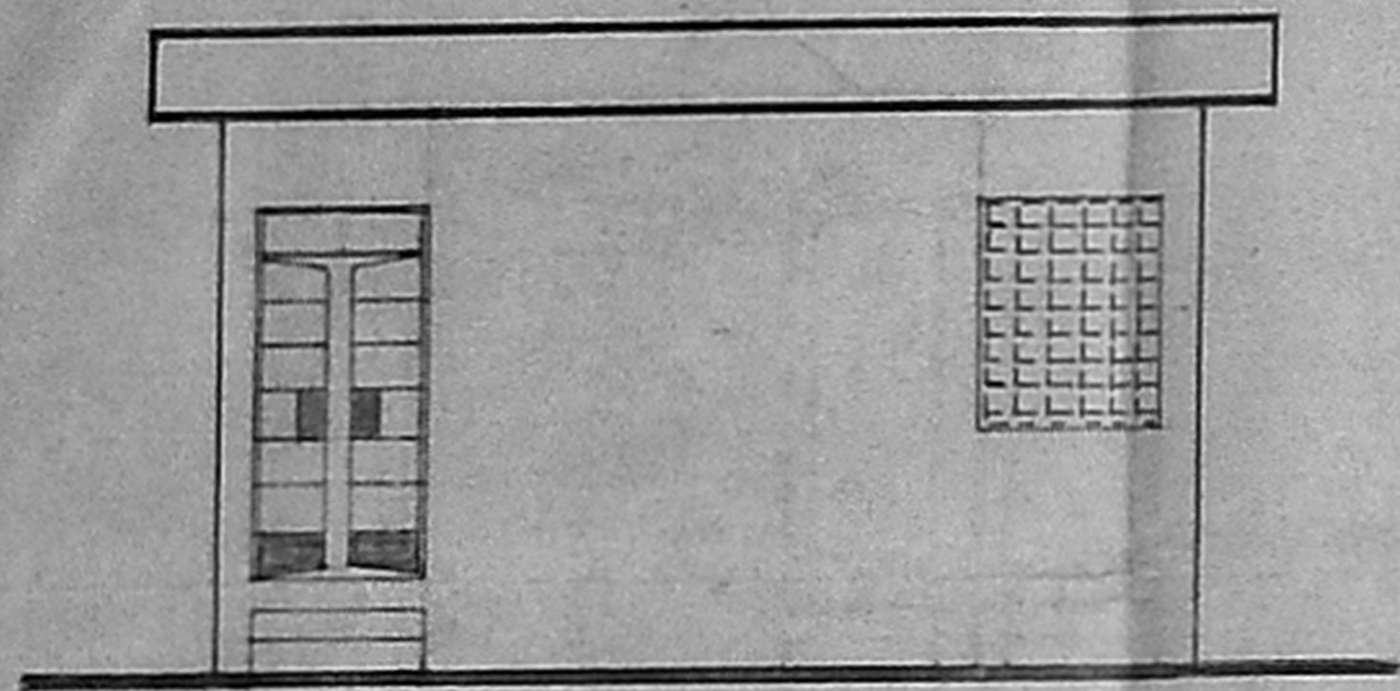
NOTE

- D. WELD MESH DOOR 3355 X 2440
- V. VENTILATOR (WELD MESH) 600 X 600

For TUBE INVESTMENTS OF INDIA LTD.

*Amthendy*  
 Company Secretary

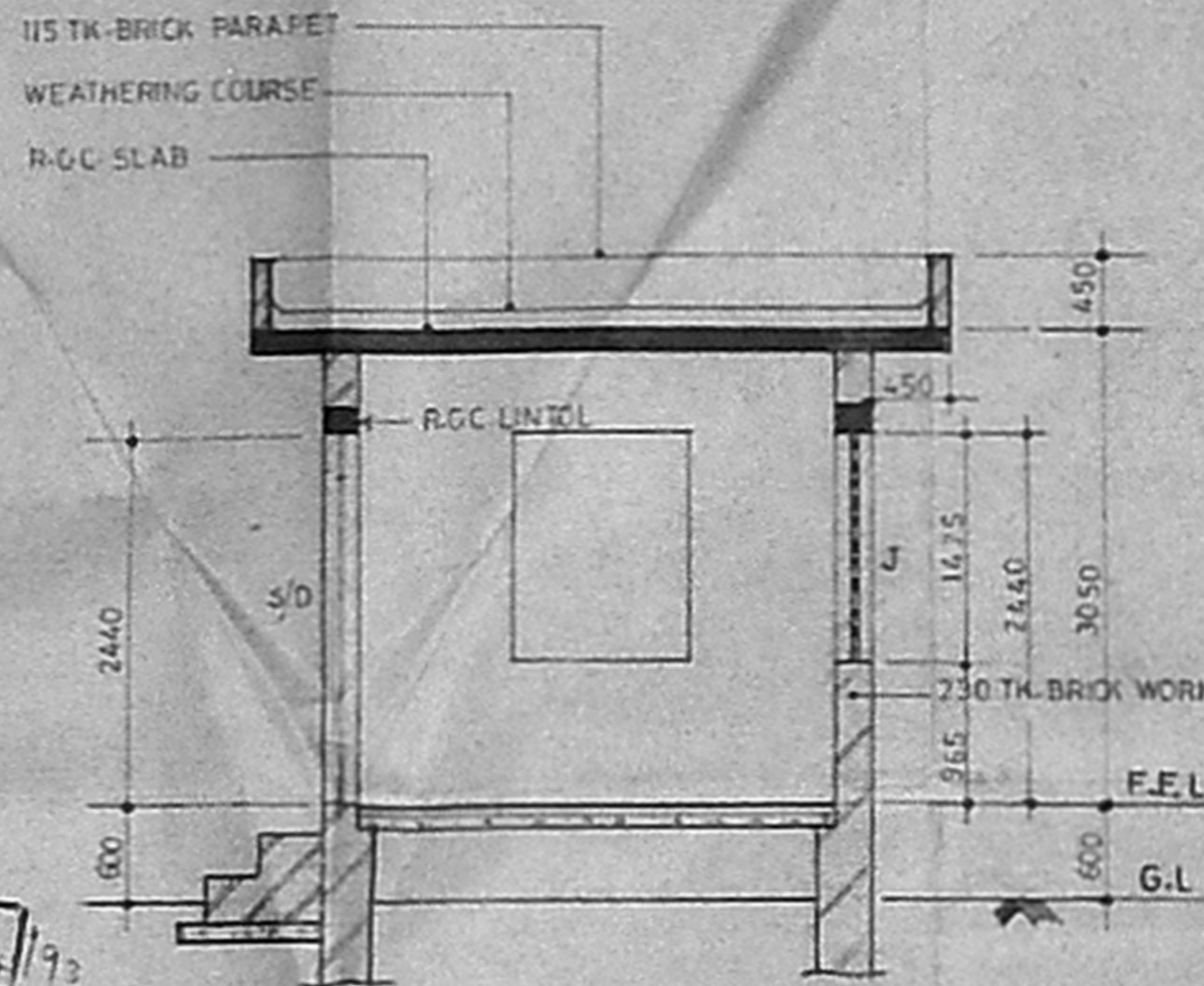
NO	DATE	REVISION
<b>TUBE INVESTMENTS OF INDIA LIMITED.</b> FACTORY AT PARUTHIPATTU VILLAGE. POONAMALLEE AVADI ROAD, MADRAS		
B. E. F. I. E. REGD. ARCH. NO: CA/77/3816 ASWATHANARAYANA AND ESWARA CONSULTING ENGINEERS AND ARCHITECTS MADRAS 4.		DRN : G.V. CHD <i>of plan</i> DATE: 24-2-92
MANIFOLD ROOM.		JOB NO : 512
PLAN, SECTION & ELEVATION		DRG NO : 94
		SCALE : 1:50



ELEVATION (P)

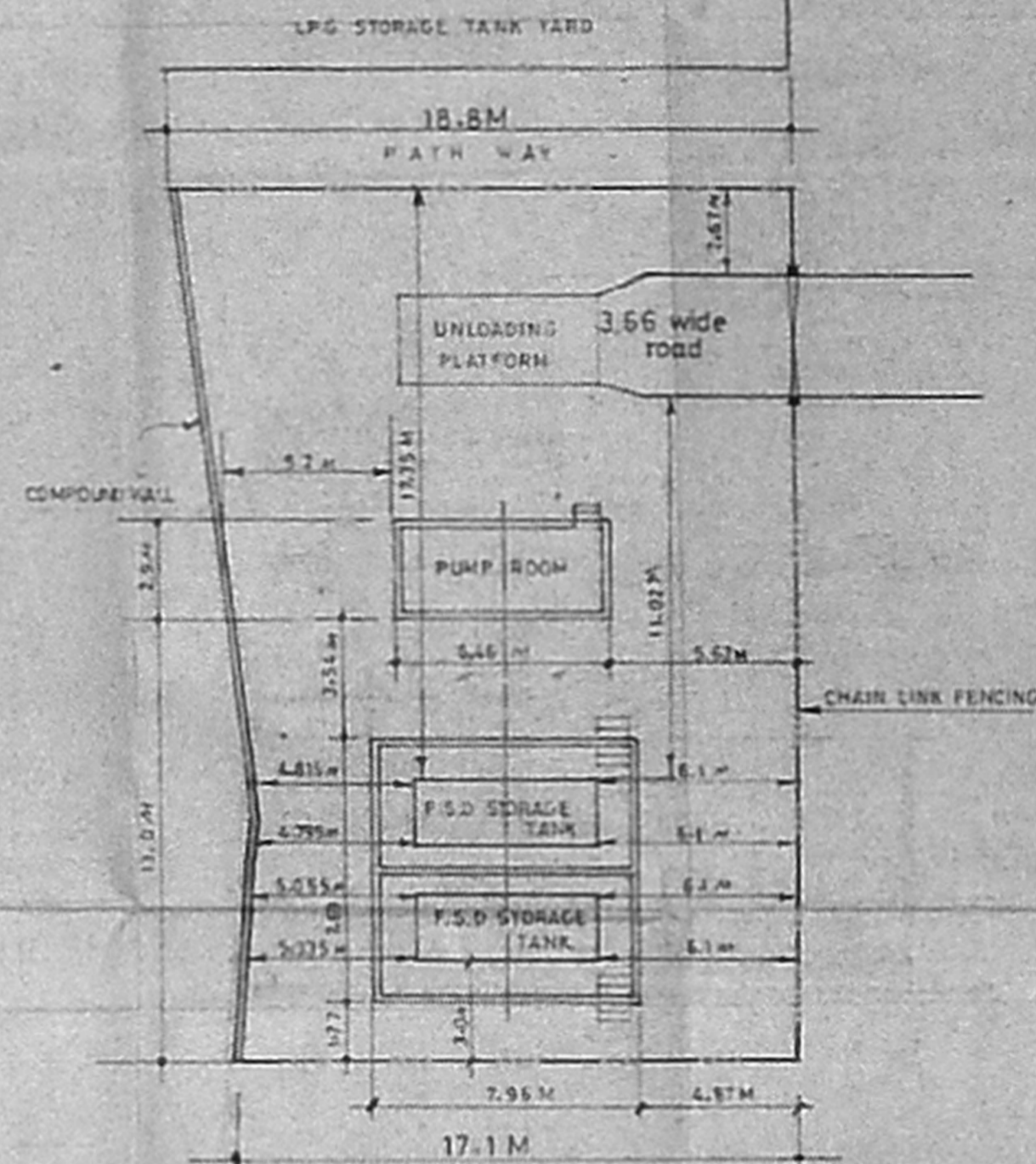
MMDA 'C' / PP NO /  
 C.No. 02/2267/92  
 Asst. *[Signature]*  
 PART I  
 PART II  
 AP

Planning Permit No. 01/PP/49/74  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN  
 THIS OFFICE LETTER.  
 No. 02/2267/92  
 FOR M.C. SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS - 600 008.



SECTION (A-A)

JOINERY  
 S/D STEEL DOOR 1194x2440 (12 HS 21)  
 J. R.C. JALI 1175 X 1475



KEY PLAN 1:200

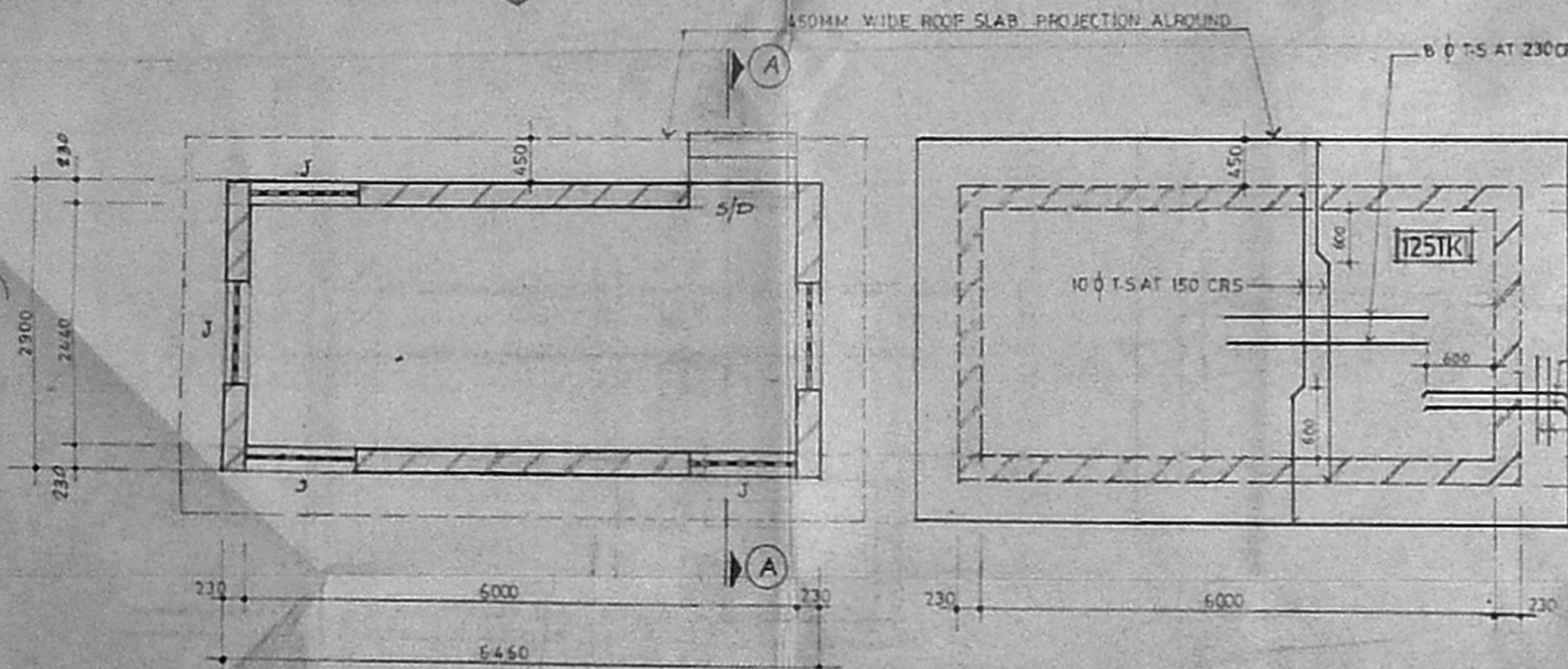
For TUBE INVESTMENTS OF INDIA LTD.  
*[Signature]*  
 Company Secretary

NO.	DATE	REVISION	INT.
A	23.1.92	Windows removed, R.C Jali introduced, door location changed & Key plan added	<i>[Signature]</i>

TUBE INVESTMENTS OF INDIA LIMITED.,  
 FACTORY AT PARUTHIPATTU,  
 POONAMALLEE AVADI ROAD, MADRAS

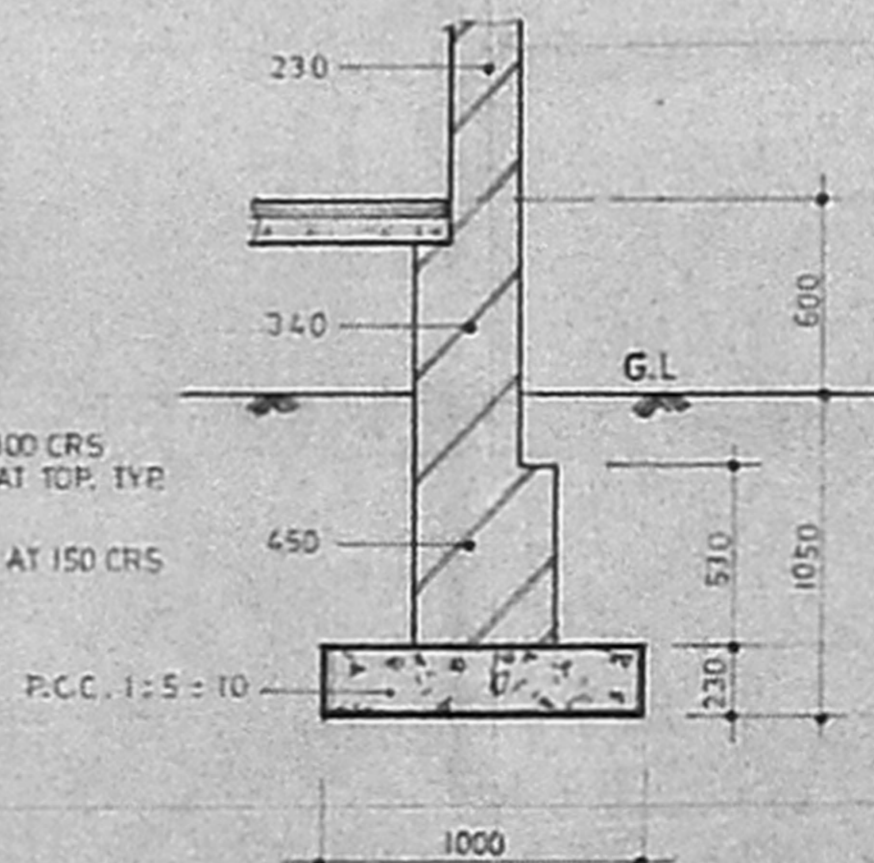
*[Signature]* B.D. P.I.G.  
 LICENSED SURVEYOR  
**ASWATHANARAYANA & ESWARA**  
 CONSULTING ENGINEERS & ARCHITECTS  
 67, ROYAPETTAH HIGH ROAD, MADRAS-4

DRN. : G-Y  
 CHD. :  
 DATE : 7.1.92  
 JOB NO. : 512  
 DRG. NO. : 88/A  
 SCALE : 1:50, 25



PLAN

LAY OUT OF ROOF SLAB



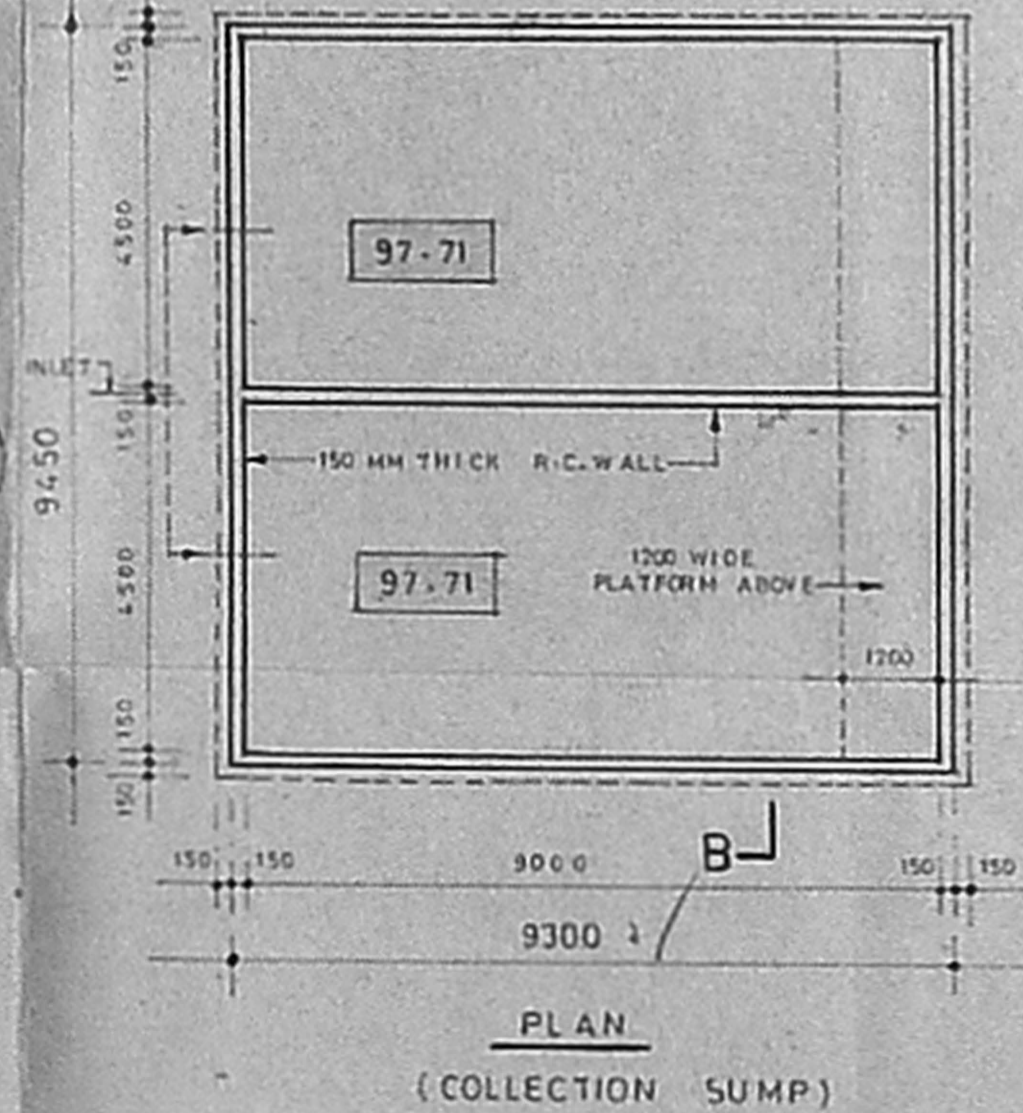
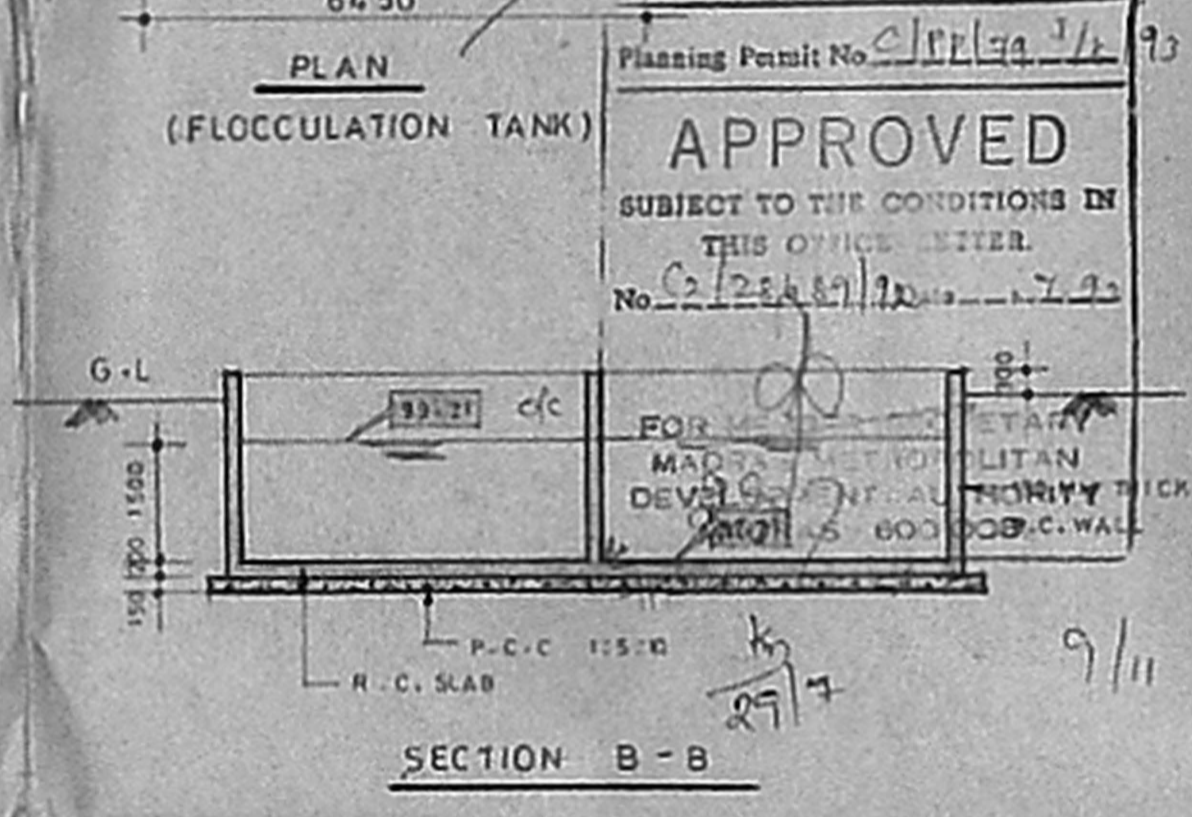
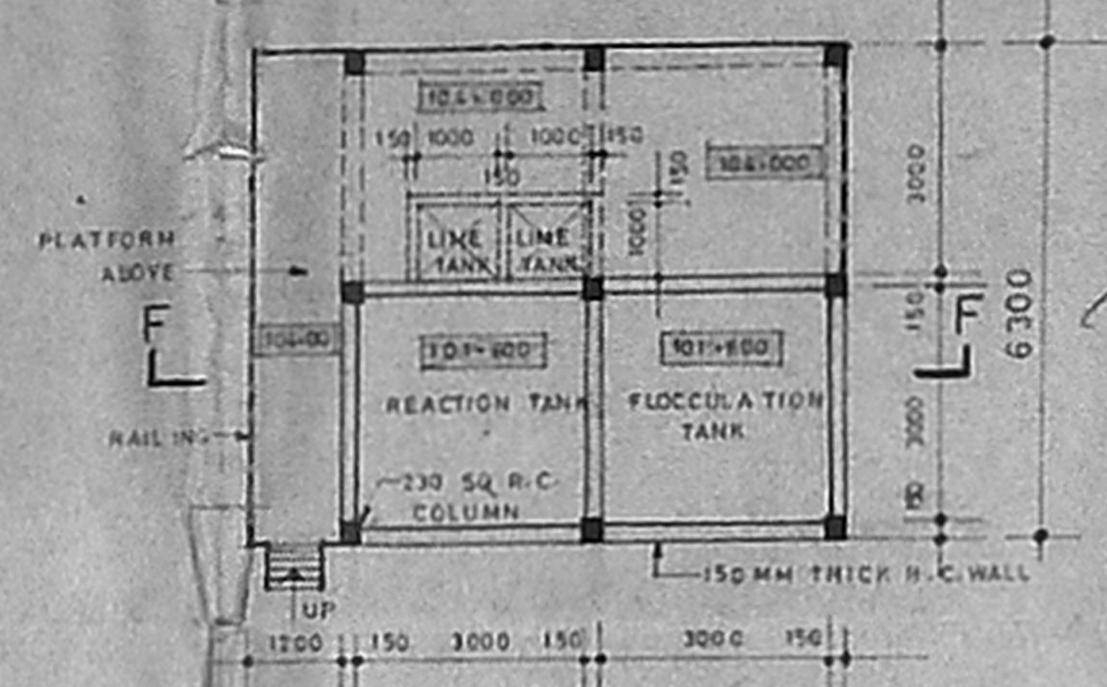
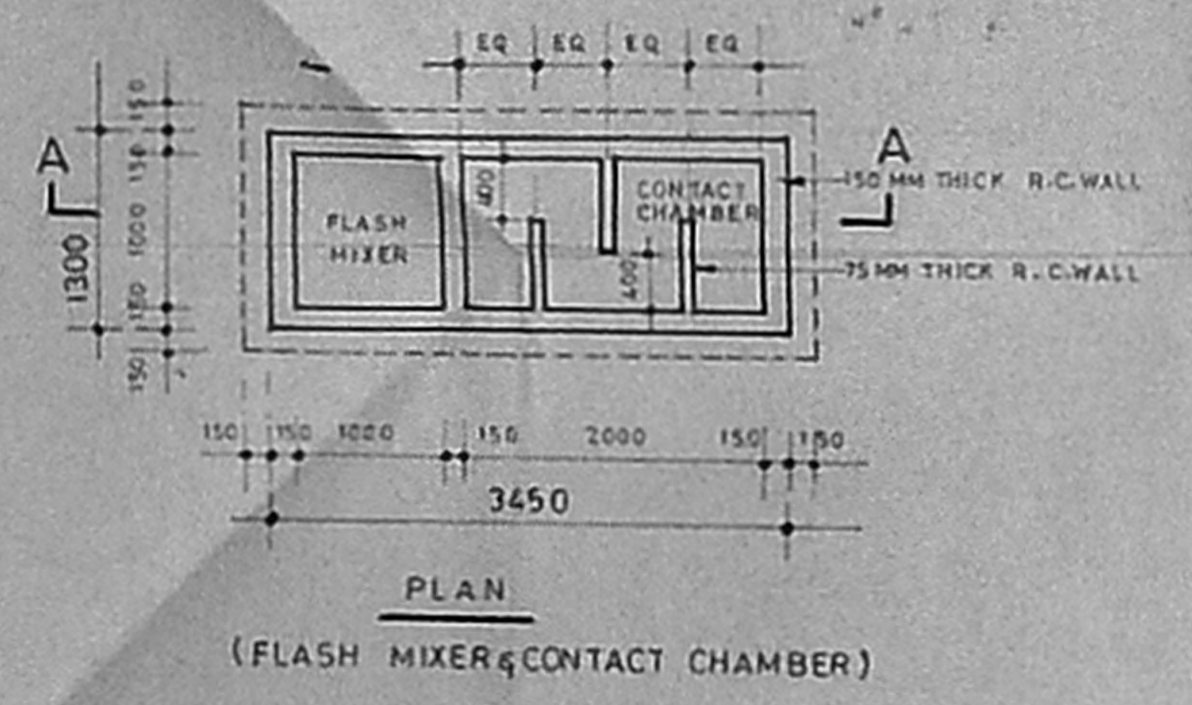
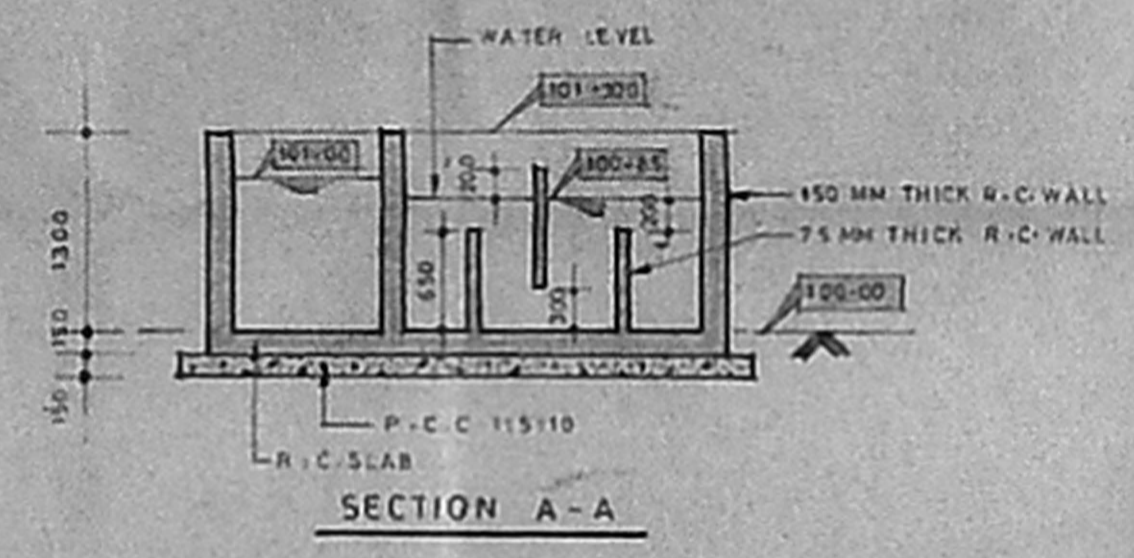
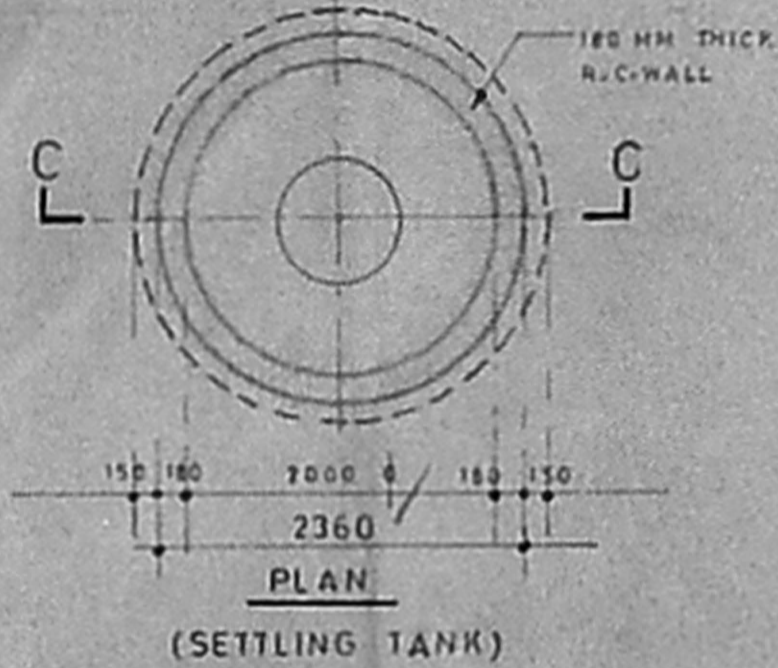
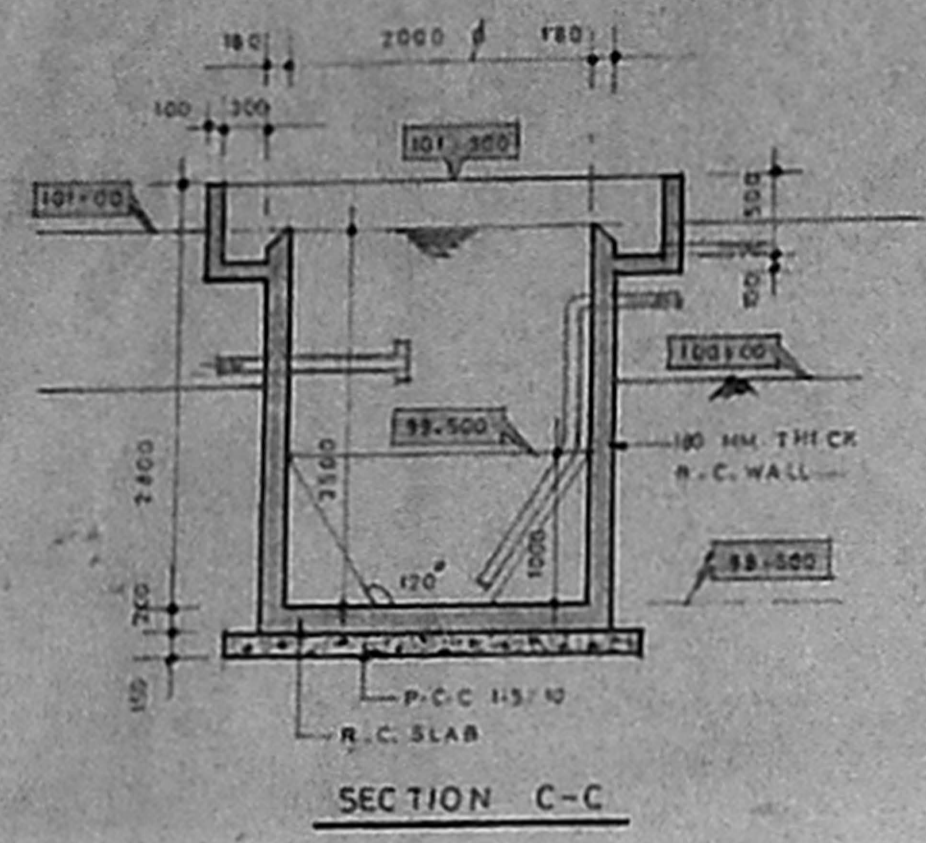
FOUNDATION DETAIL FOR  
 230 THK-BRICK WORK

NOTES

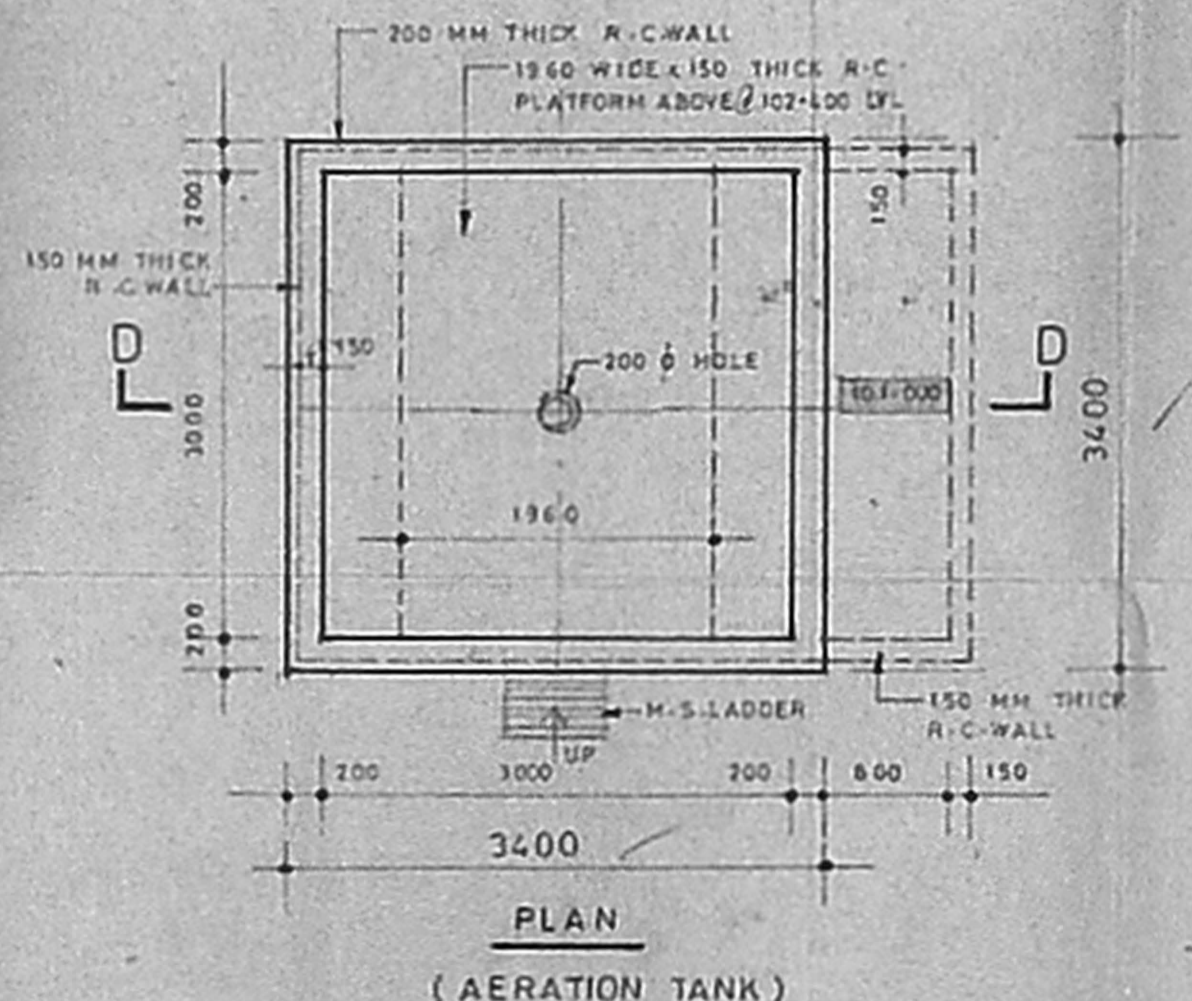
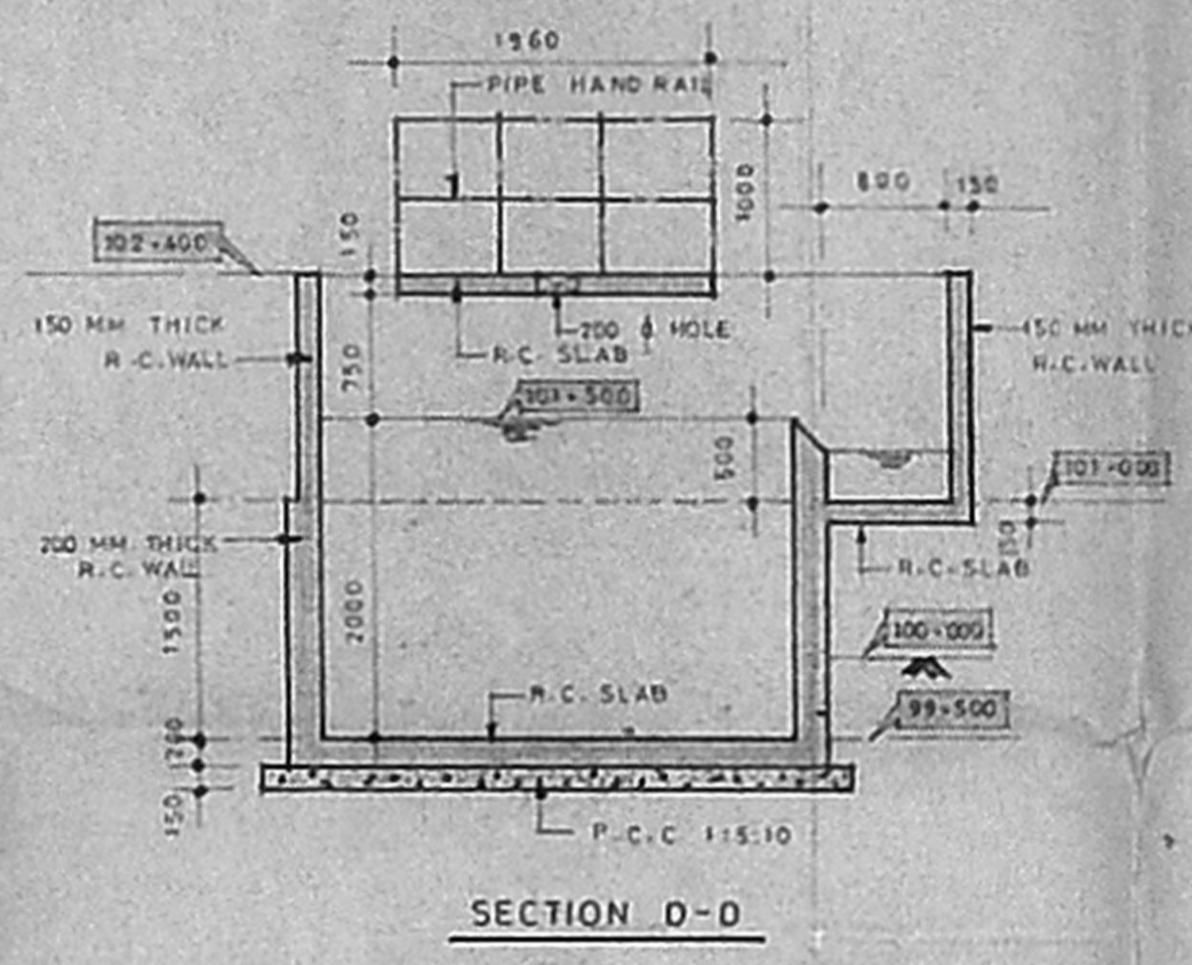
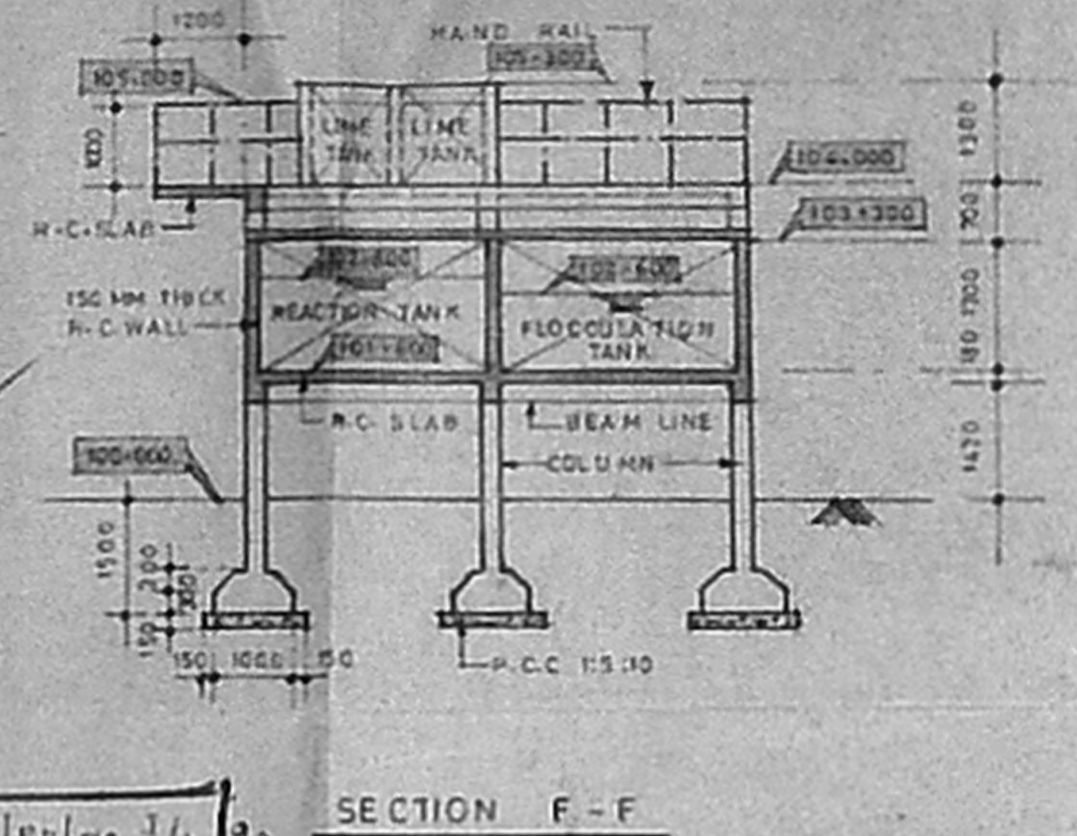
MIX OF CONCRETE 1:2:4  
 CLEAR COVER TO STEEL 25  
 T.S MEANS TOR STEEL NO HOOK FOR T.S  
 LAP DISTANCE 55 TIMES Ø OF THE T.S  
 ALL DIMENSIONS ARE IN MM

*[Signature]*  
**PERIASAMY D.C.**  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS, INDIA

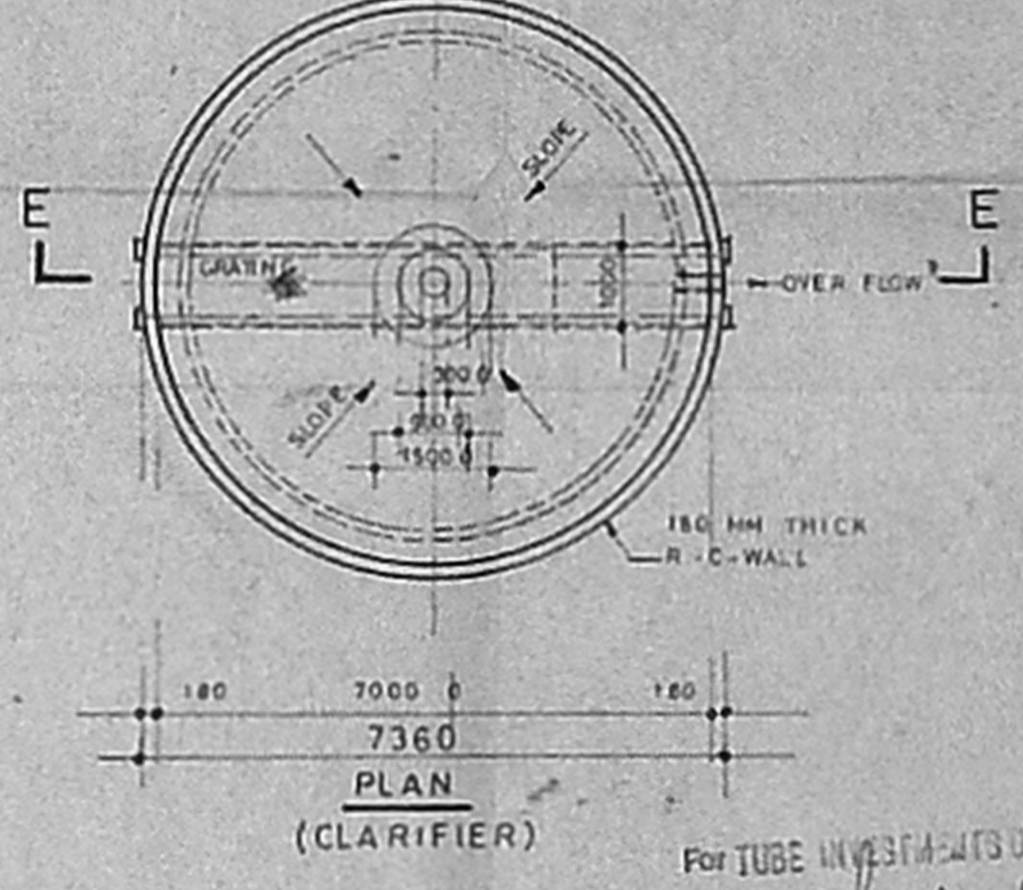
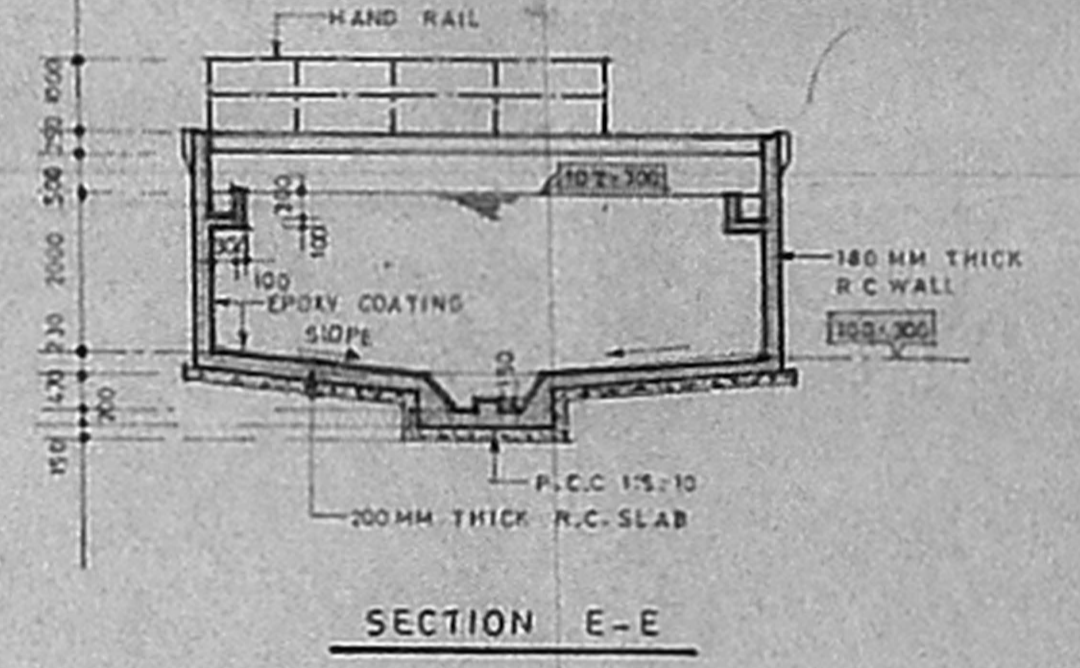




Planning Permit No. CP/199/74 93  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. CP/254/89/72 793  
 FOR THE METROPOLITAN DEVELOPMENT AUTHORITY  
 MADRAS

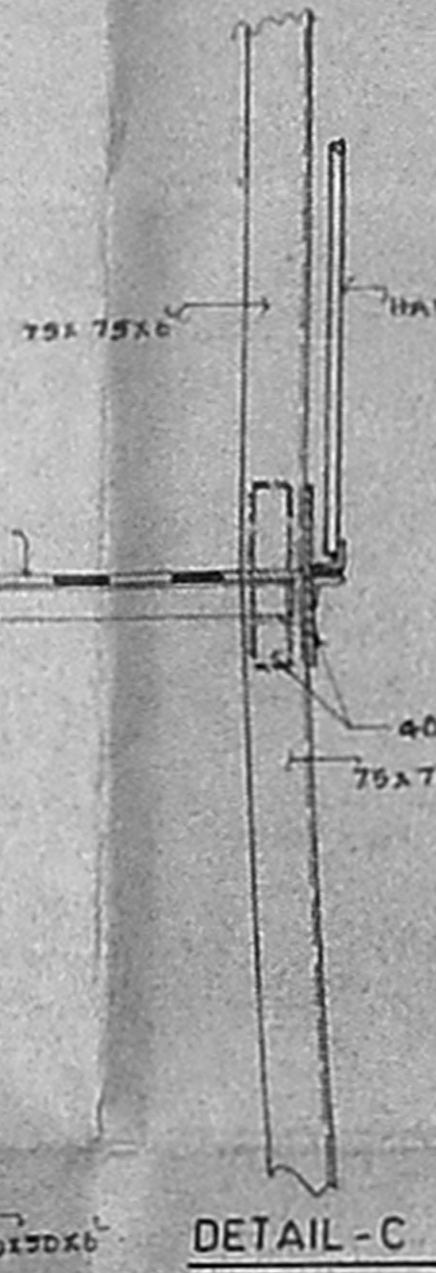
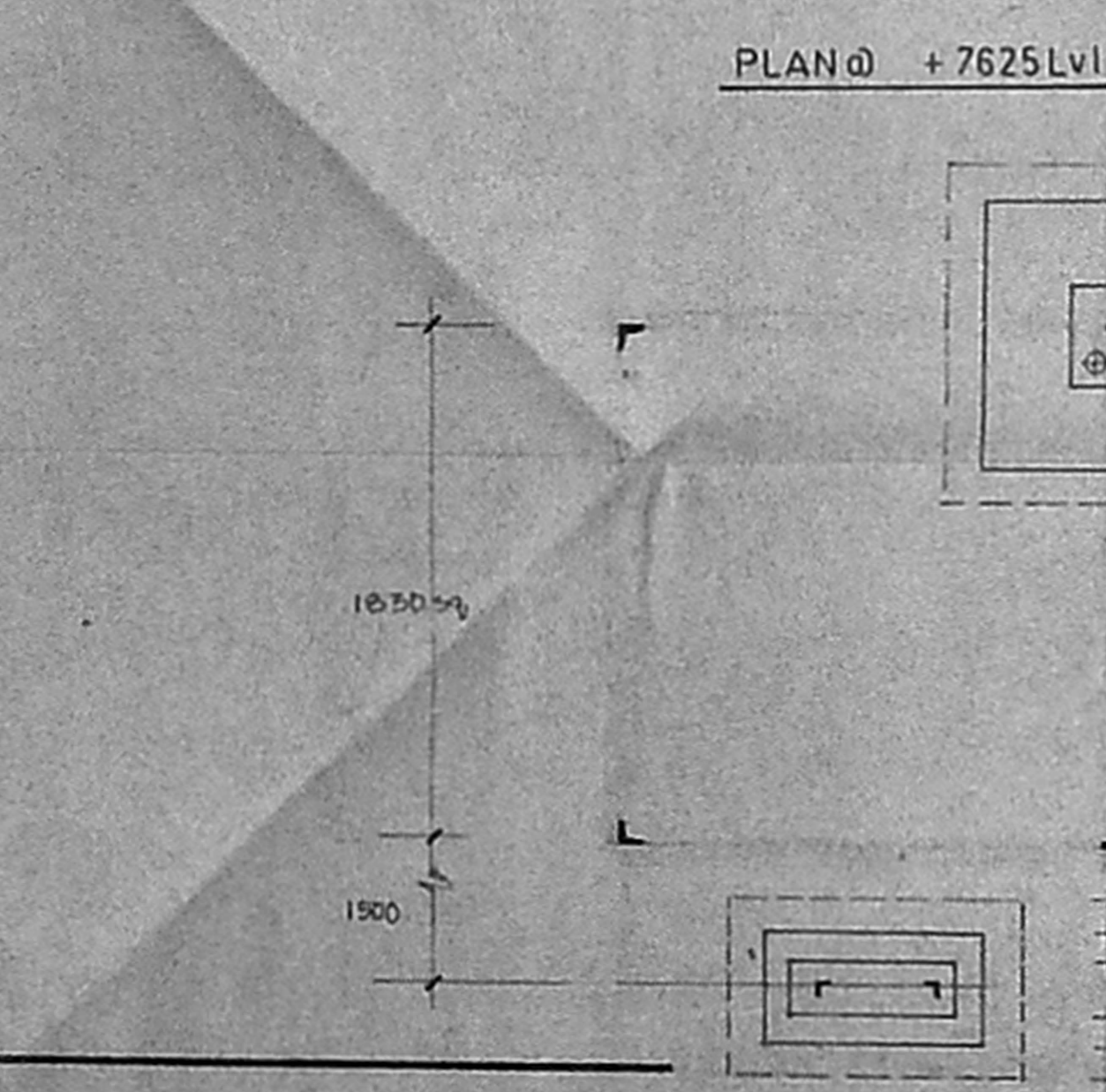
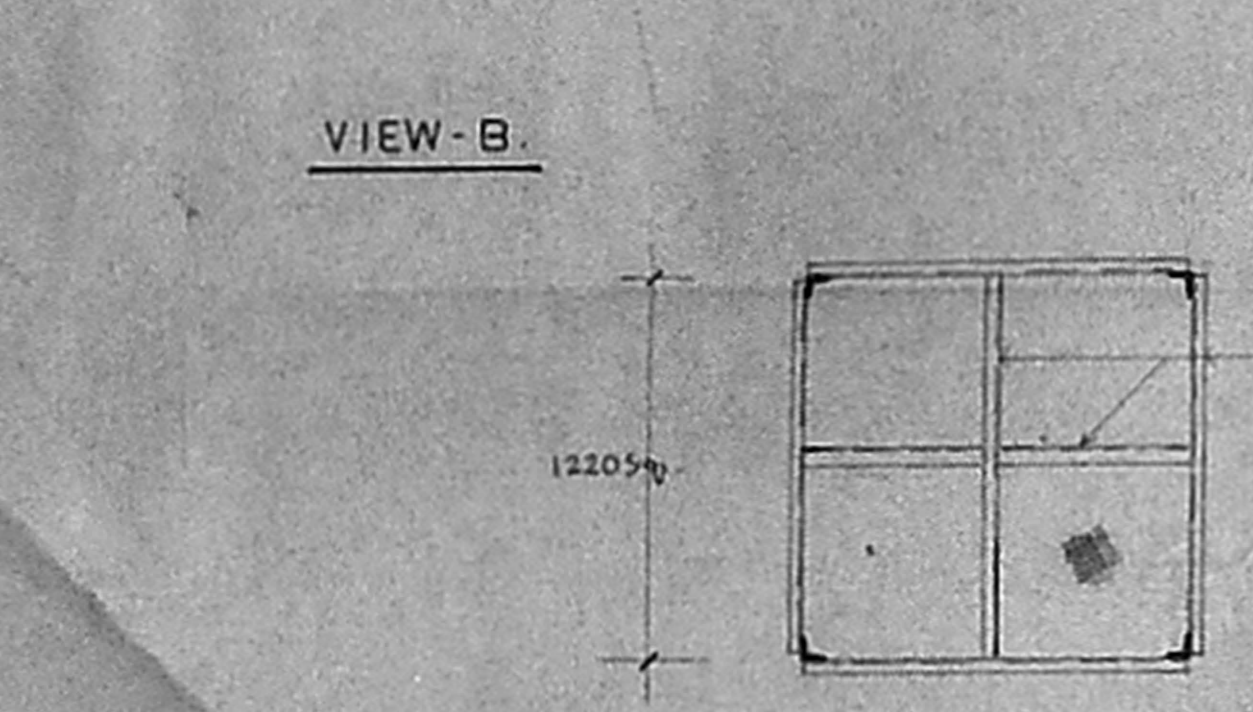
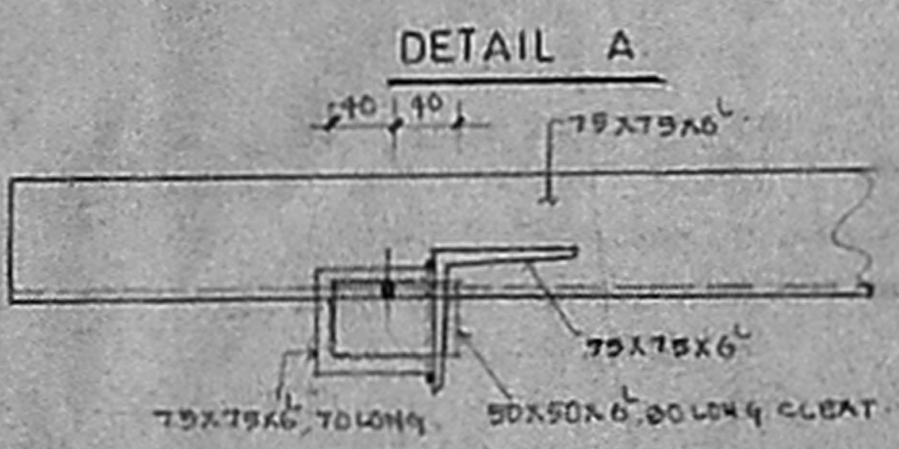
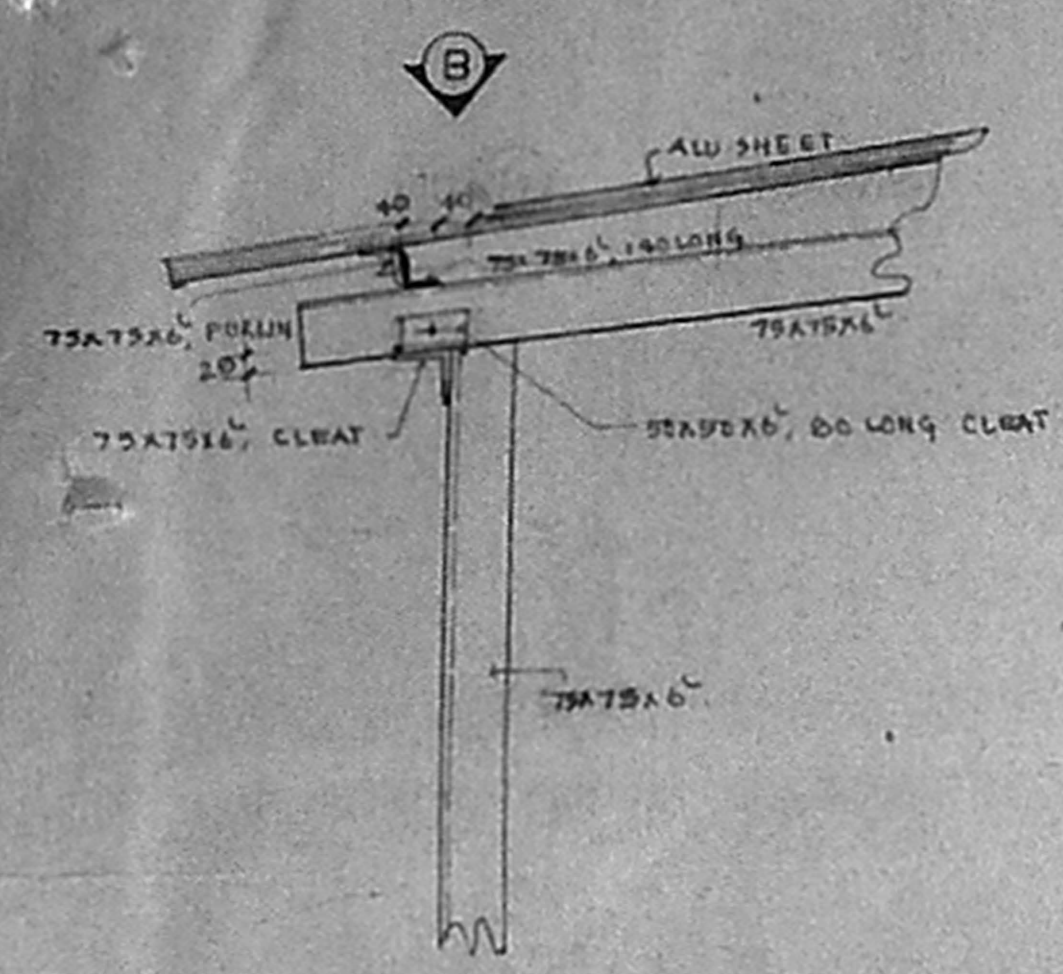


WMDA 'C' / PP NO. /  
 C.No. CP/254/89/72  
 Asst. CP/199/74  
 Scrutiny: CP/199/74  
 PART I  
 PART II  
 A.P.

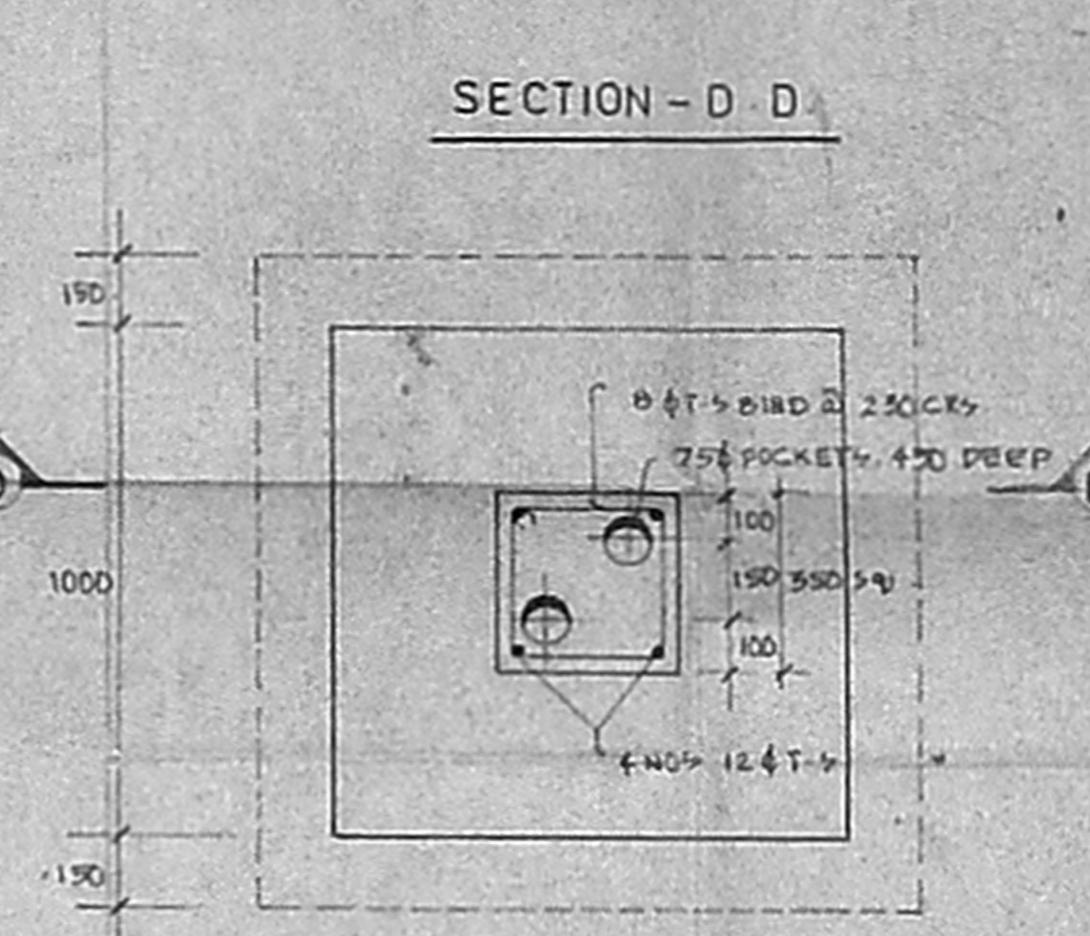
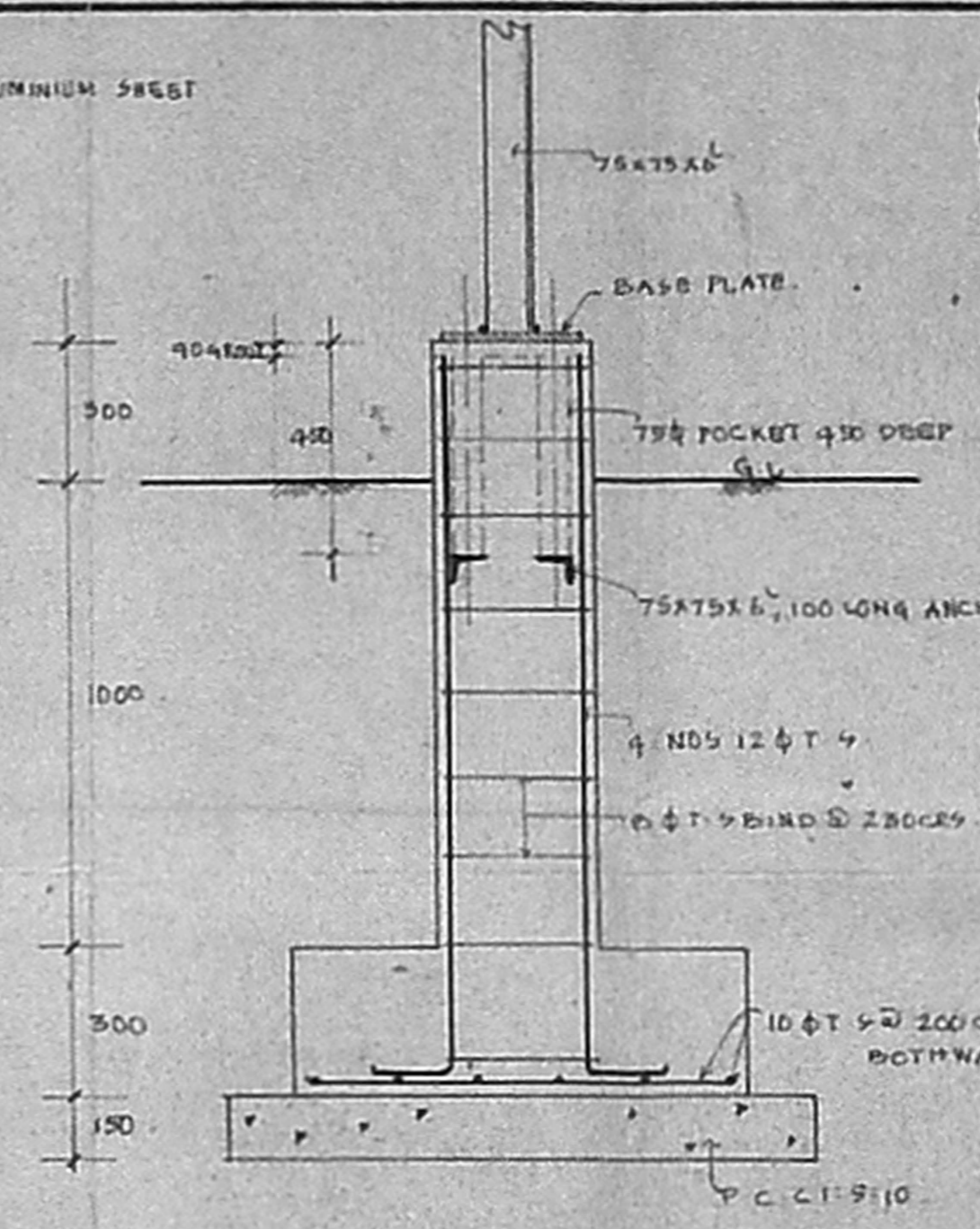
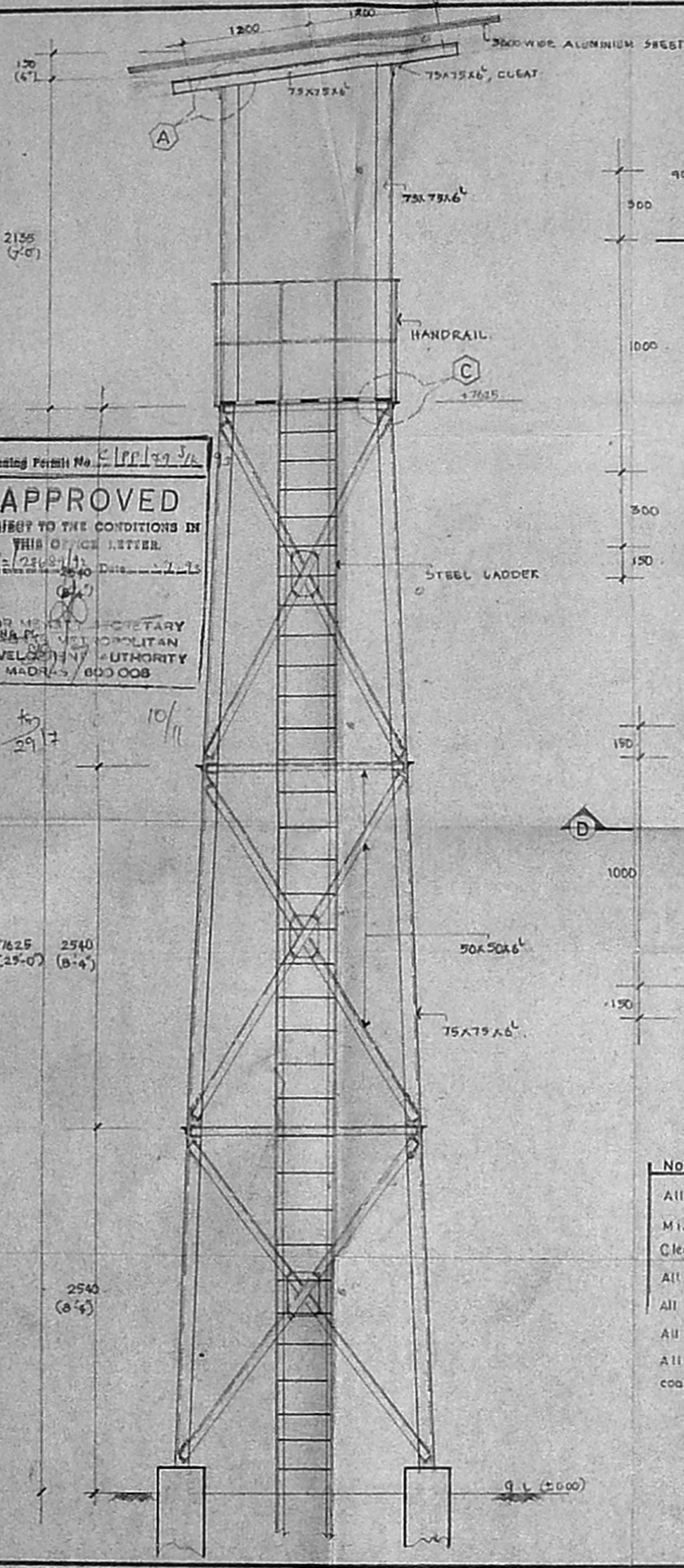


NO	DATE	REVISION	INT.
<b>TUBE INVESTMENTS OF INDIA LIMITED.</b> FACTORY AT PARUTHIPATTU, POONAMALLEE AVADI ROAD, MADRAS.			
REGD. ARCH. NO: CA/77/3816 <b>ASWATHANARAYANA &amp; ESWARA</b> CONSULTING ENGINEERS & ARCHITECTS 67, ROYAPETTAH HIGH ROAD, MADRAS-4.			DRN : N-5 CHD : DATE : 24-8-92
<b>EFFLUENT TREATMENT PLANT</b> G.A. OF FLASH MIXER & CONTACT CHAMBER, SETTLING TANK, COLLECTION SUMP, CLARIFIER, AERATION TANK & FLOCCULATION TANK.			JOB NO : 512 DRG NO : 119 SCALE : 1:100 1:50

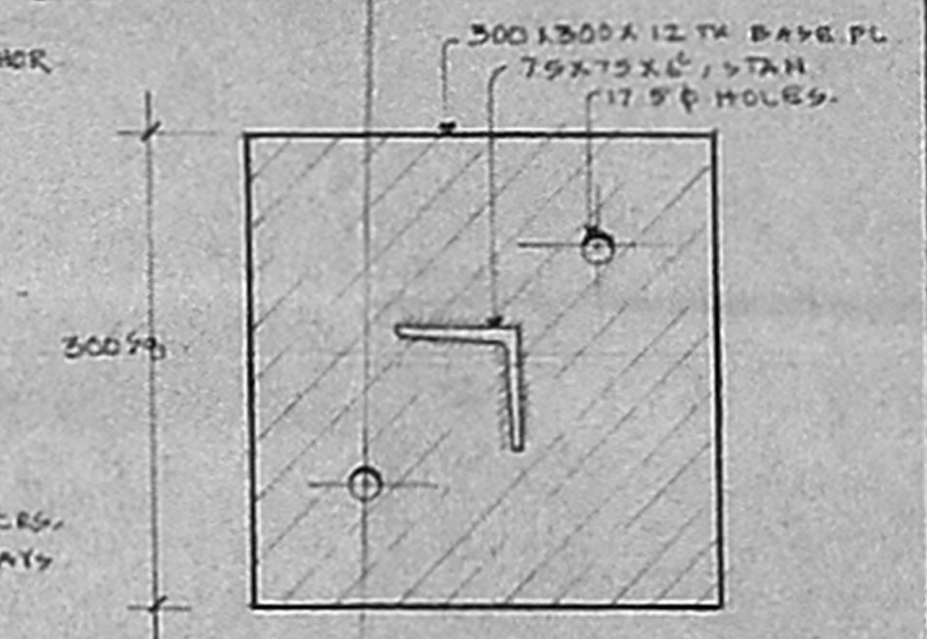
PERIASAMY D.C.E.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 ADBAS-000066



Planning Permit No. CP/199/3/2  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. CP/199/3/2 Date 2-2-73  
 FOR THE SECRETARY  
 MUNICIPAL DEVELOPMENT AUTHORITY  
 MADRAS-600 008



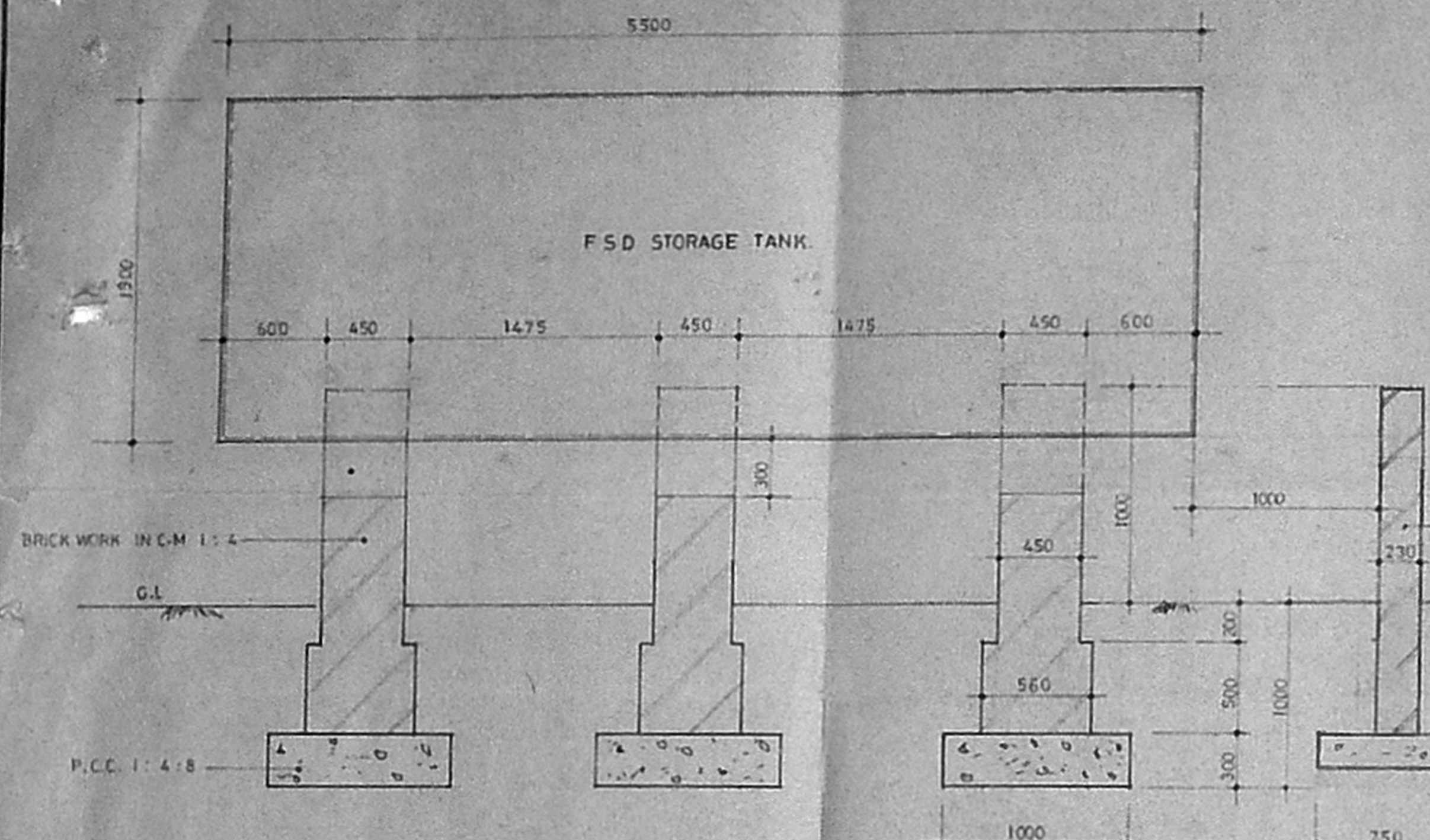
MMDA 'C' / PP NO /  
 C.No. CP/199/3/2  
 Asst. 13/14  
 Scrutiny: 13/14  
 PART I  
 PART II  
 AP



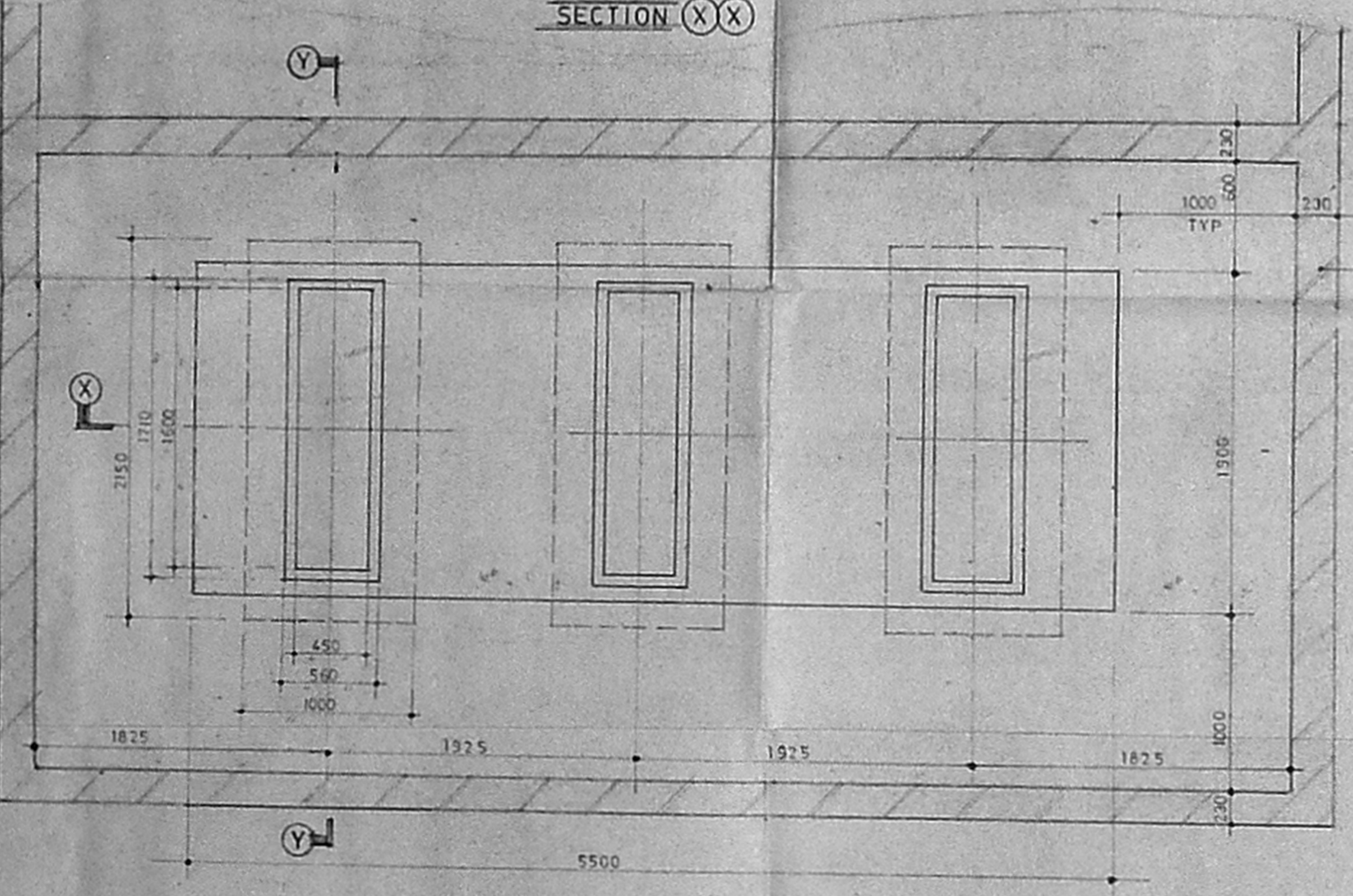
**Notes**  
 All dimensions are in MM  
 Mix of concrete 1:2:4  
 Clear cover steel 40 MM.  
 All gussets are 6 mm thick  
 All welds are 6 mm thk fillet weld  
 All holes are 17.5φ for 16φ bolts.  
 All steel work to be painted one coat of zinc chromate before despatch

NO.	DATE	REVISION	INT.
<b>TUBE INVESTMENTS OF INDIA LIMITED,</b> FACTORY AT PARUTHIPATTU, POONAMALLE AVADI ROAD, MADRAS.			
B. C. F. I. E. REGD. ARCH. NO: CA/77/3816 <b>ASWATHANARAYANA &amp; ESWARA</b> CONSULTING ENGINEERS & ARCHITECTS 87, ROYAPETTAH HIGH ROAD, MADRAS-4.			DRN. : Pasce CHD. : <u>[Signature]</u> DATE : 25-10-91
B. C. F. I. E. REGD. ARCH. NO: CA/77/3816 <b>ASWATHANARAYANA &amp; ESWARA</b> CONSULTING ENGINEERS & ARCHITECTS 87, ROYAPETTAH HIGH ROAD, MADRAS-4.			JOB NO. : 512 DRG. NO. : 78 SCALE : 1:25, 10:5
<b>WATCH TOWER DETAILS.</b>			

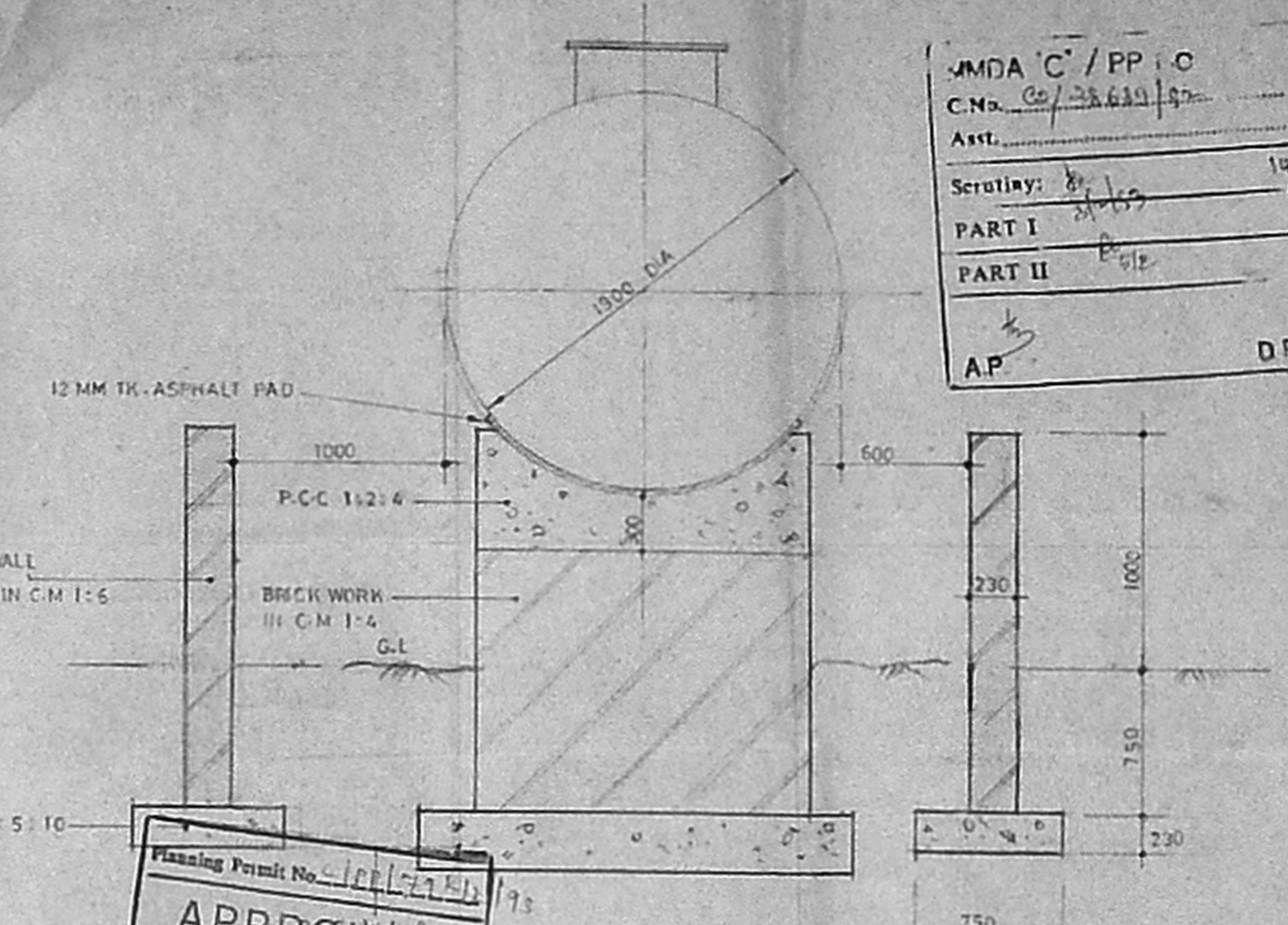
PERIASAMY  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS-600084



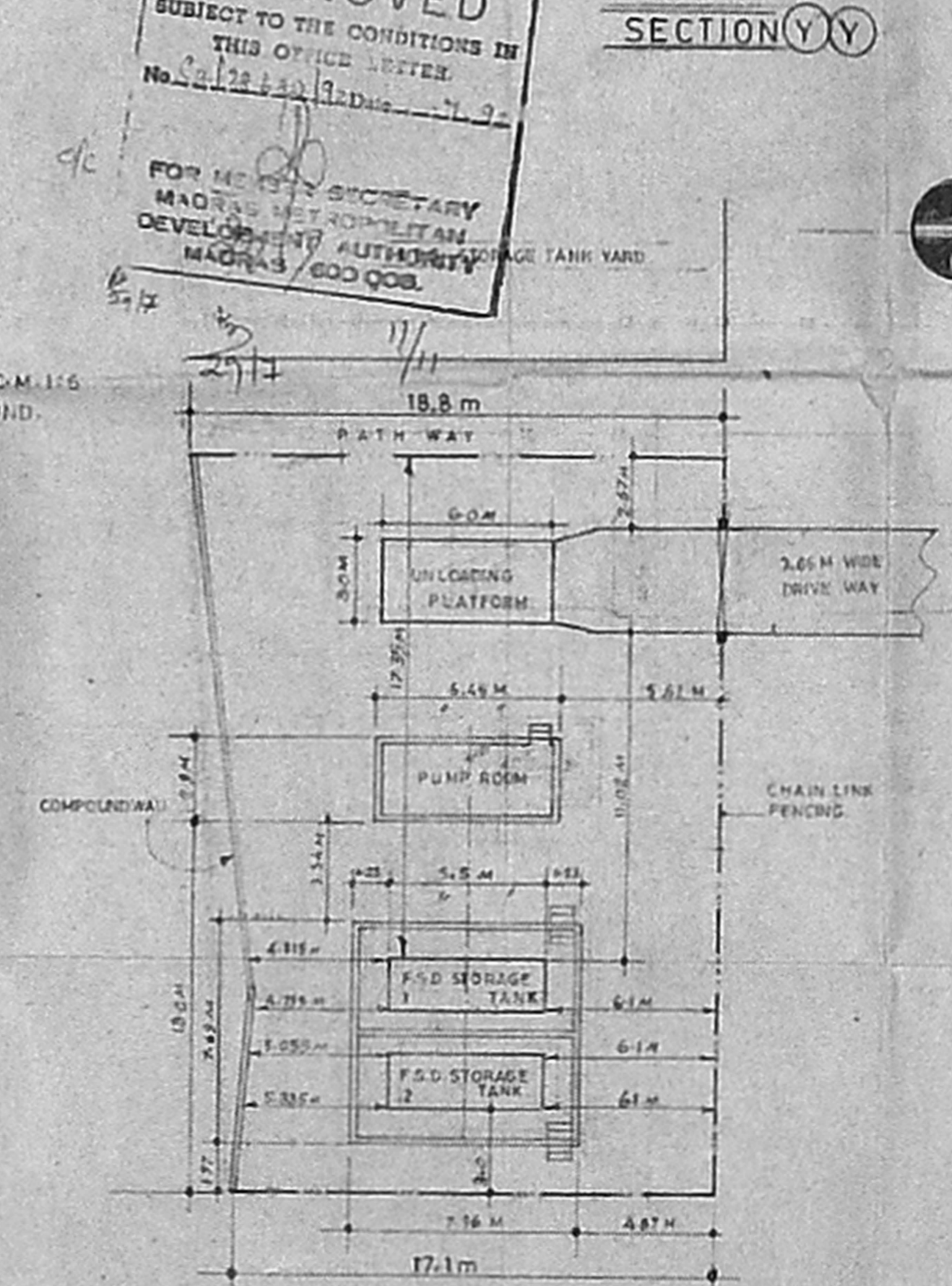
SECTION XX



PLAN



SECTION YY



KEY PLAN SCALE 1:200

JMDA 'C' / PP 10  
 C.No. Co/28639/92  
 Asst. \_\_\_\_\_  
 Scrutiny: \_\_\_\_\_  
 PART I \_\_\_\_\_  
 PART II \_\_\_\_\_  
 AP \_\_\_\_\_ DP \_\_\_\_\_

Planning Permit No. 101/1774/92  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. Co/28639/92 Date: 7.9.92  
 FOR MESTY SECRETARY  
 MADRAS METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 MADRAS 600 008.

PERIASAMY D.C.E.  
 LICENSED SURVEYOR  
 CONSULTING ENGINEER  
 AVADI TOWNSHIP  
 MADRAS 600005  
 For TUBE INVESTMENTS OF INDIA LTD.  
 Company Secretary

NO.	DATE	REVISION	INT.
A	23.1.92	Key Plan Revised	Law

**TUBE INVESTMENTS OF INDIA LIMITED.**  
**FACTORY AT PARUTHIPATTU**  
 POONAMALLEE AVADI ROAD MADRAS

ASWATHANARAYANA & ESWARA  
 CONSULTING ENGINEERS & ARCHITECTS  
 67, ROYAPETTAH HIGH ROAD, MADRAS-4.

DRN. : G.V  
 CHD. :  
 DATE : 6.1.92  
 JOB NO. : 512  
 DRG. NO. : 87/A  
 SCALE : 1:25