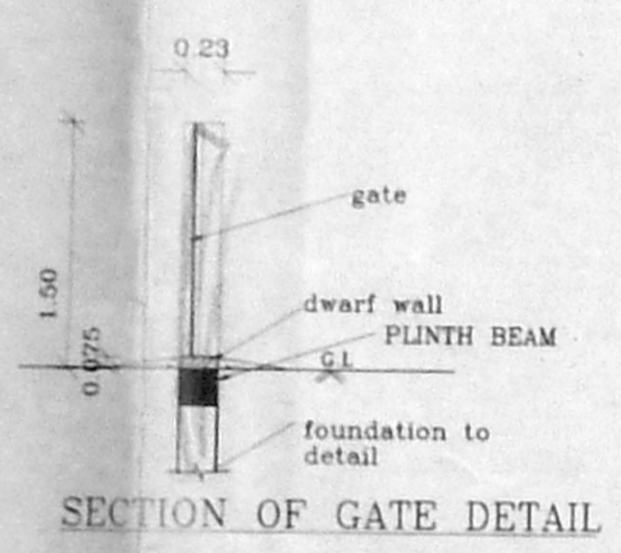
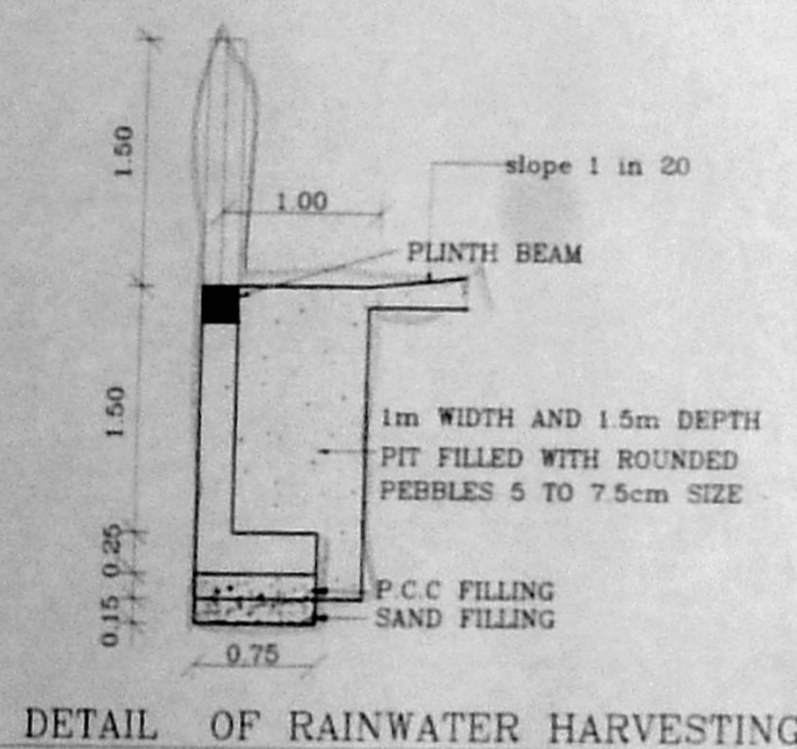


ELECTRICAL LOAD DETAILS				
NO.	DESCRIPTION	H.P.	NOS.	TOTAL H.P.
1	LOADING PUMP	90	2	180
2	LOADING PUMP	25	5	125
3	SICK WAGON UNLOADING PUMP	15	2	30
4	CRD PUMP	5	1	5
5	OWS TRANSFER PUMP (WATER SIDE)	20	2	40
6	OWS TRANSFER PUMP (OIL SIDE)	3	2	6
7	STREPPING PUMP	12.5	2	25
8	ROBREWELL WATER PUMP	7.5	4	30
9	FW JOCKEY PUMP	60	2	120
10	INSTRUMENT AIR COMPRESSOR	15	2	30
11	MOV DR - SUBSTATION	32	1	32
12	RAW WATER PUMP	10	2	20
13	UPS LOAD	35	1	35
A/C FOR CONTROL ROOM/ADMIN ROOM				
WELDING SOCKET LOAD OF 14 SOCKET				
CATHODIC PROTECTION (PREVENT)				
LIGHTING LOAD HIGH MAINT CURRENT				
LIGHTING LOAD S/9TH				
LIGHTING LOAD CONTROL & ADMIN				
LIGHTING LOAD WORKSHOP & LAB				
TOTAL				
				829
NO. OF WORKERS - 25 NOS				

AREA STATEMENT		SQ. M
PLOT AREA		112900
A	ADMINISTRATION BUILDING - GROUND FLOOR	447.87
B	CONTROL ROOM BUILDING - FIRST FLOOR	182.39
C	STORES & SAMPLES ROOM	337.60
D	FIRE WATER PUMP HOUSE	349.40
E	ELECTRICAL SUBSTATION/SG ROOM	-
F	& TRANSFORMER	-
G	SEPTIC TANK	25.00
H	SECURITY CABIN	135.00
I	SCOOTER & CAR PARK	716.40
J	SECURITY LOAD TIME OFFICE	547.40
K	LOADING GANTRY	25
L	COMPRESSION SHED	-
TOTAL AREA		2630.46

KEY PLAN  
[NOT TO SCALE]



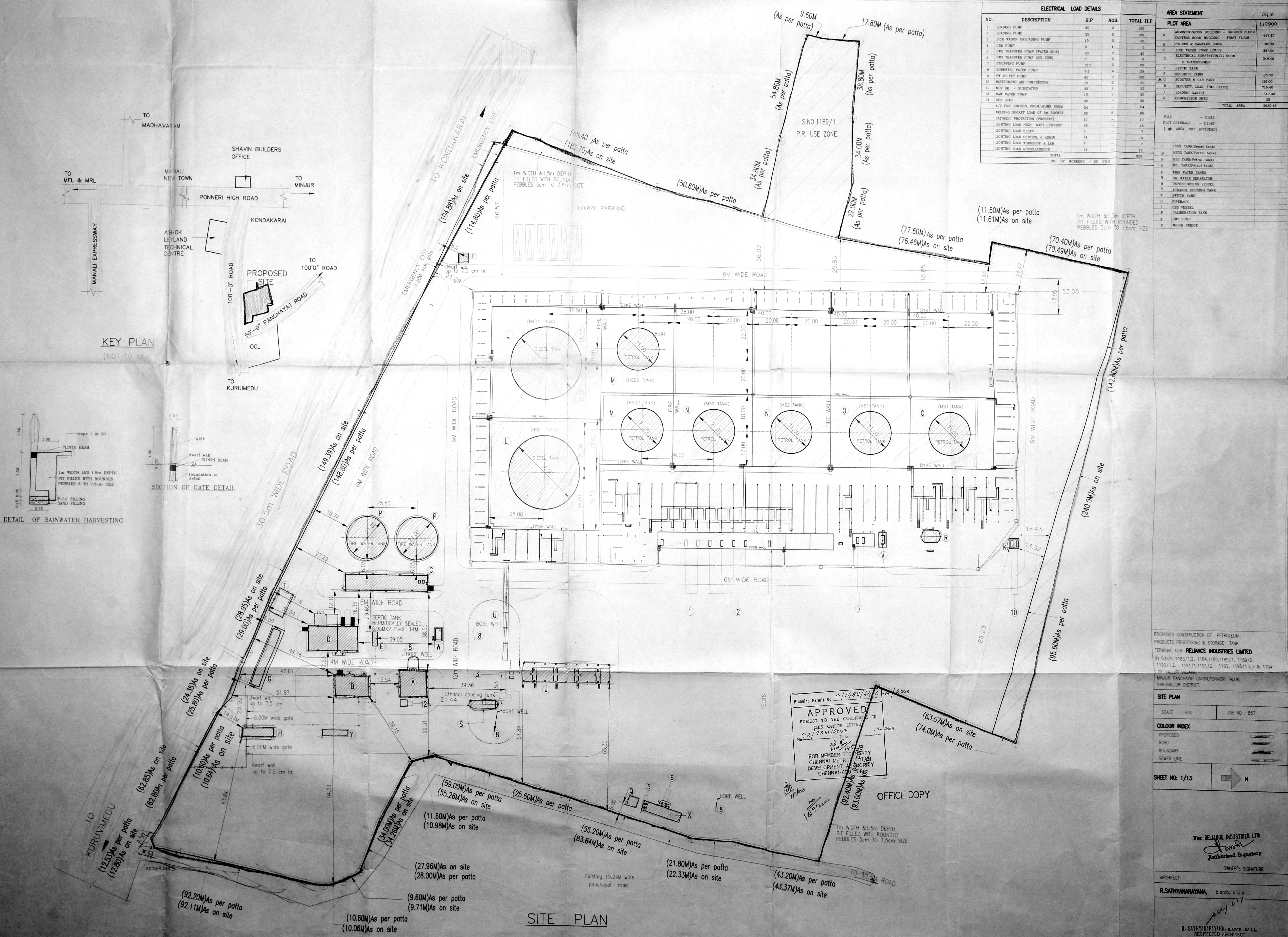
Planning Permit No. C/1488/44/A-1/2003  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER  
 C/2/9361/2003  
 FOR MEMBER S. S. PATTAY  
 CHENNAI METRO CITY DEVELOPMENT AUTHORITY  
 CHENNAI-600 005

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED  
 IN S.NOS 1183/1, 1184, 1185, 1189/1, 1189/2, 1190/1, 1191/1, 1191/2, 1192, 1193/1, 2, 3 & 1194 DE VILLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

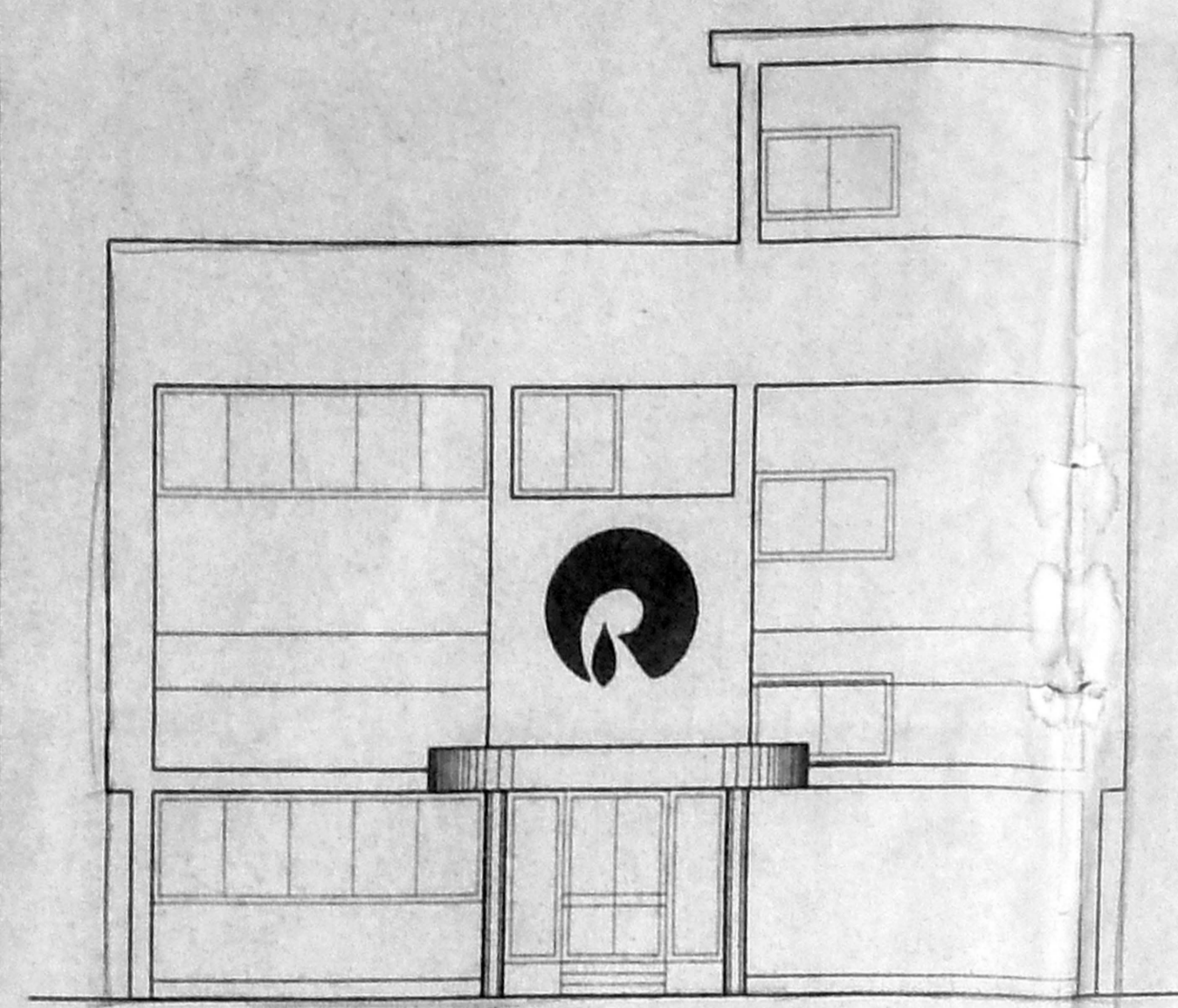
SITE PLAN	
SCALE: 1:600	JOB NO: 857
COLOUR INDEX	
PROPOSED ROAD	
BOUNDARY	
SEWER LINE	

SHEET NO: 1/13

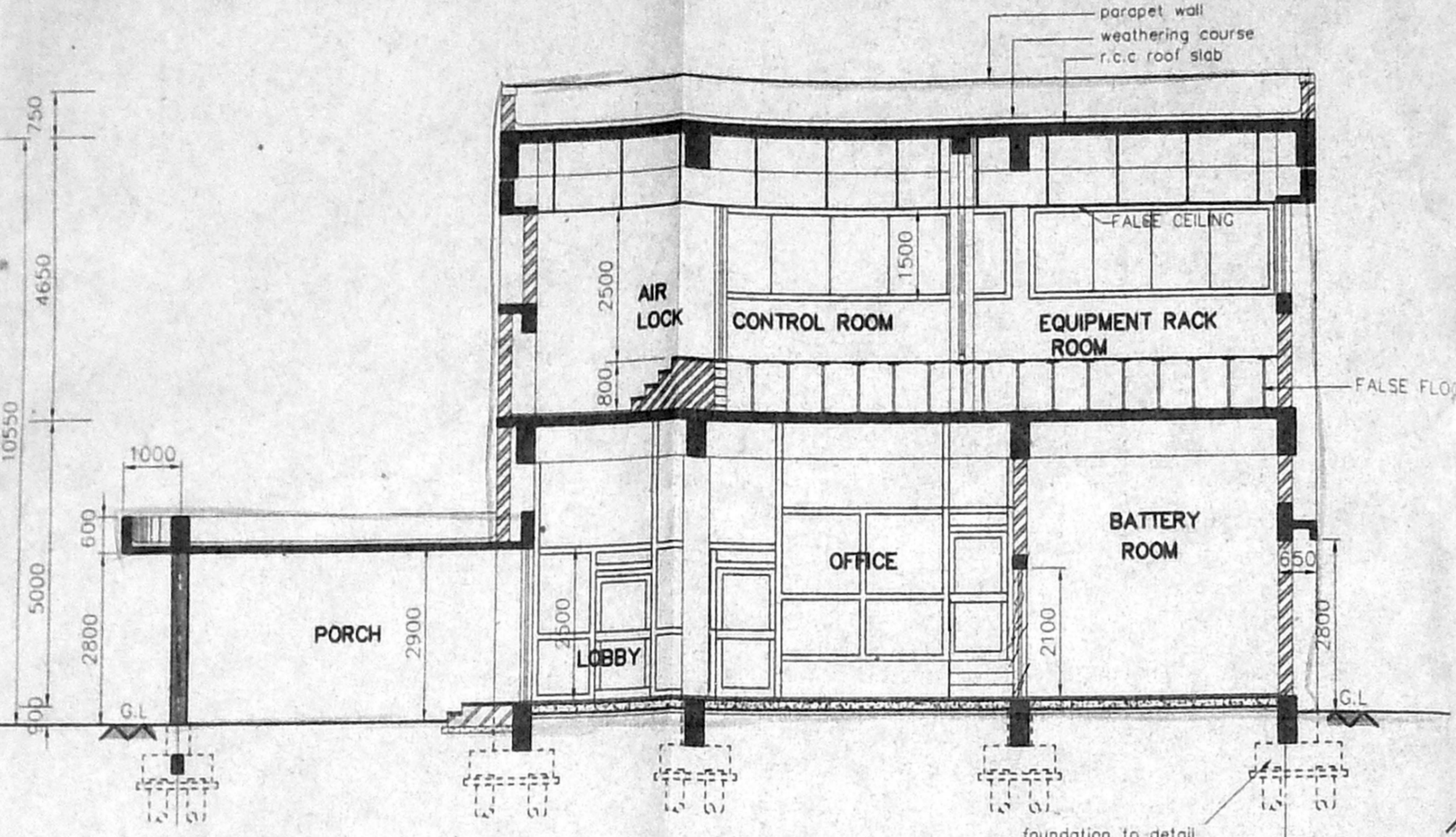
For RELIANCE INDUSTRIES LTD  
 Authorized Signatory  
 OWNER'S SIGNATURE  
 ARCHITECT  
 R. SATHYANARAYANA, b.arch, a.i.a.  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/16/1995  
 NO. 25 (OLD UNIT 12) 4th MAIN ROAD, ANNA NAGAR, CHENNAI 600 040.



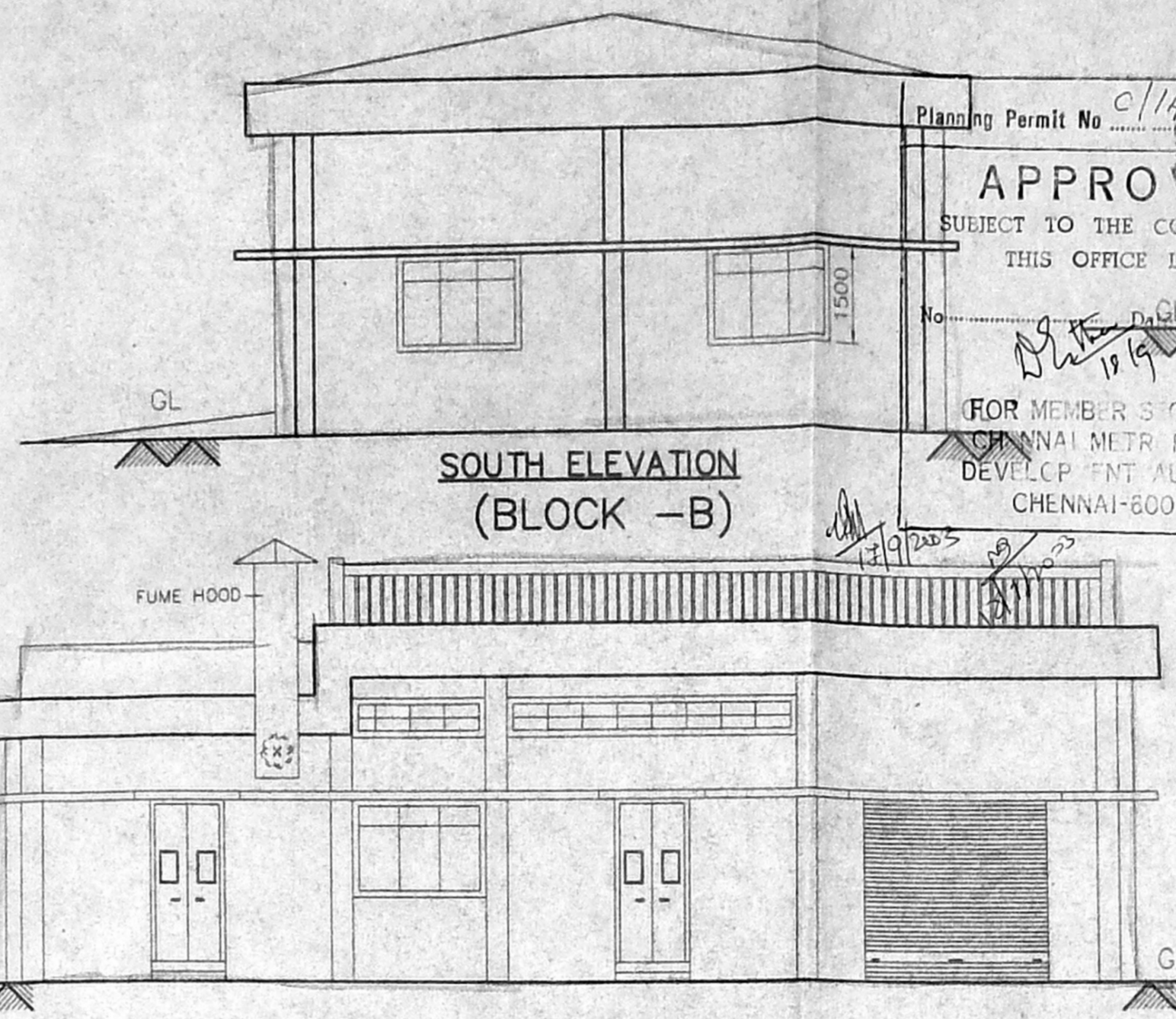
SITE PLAN



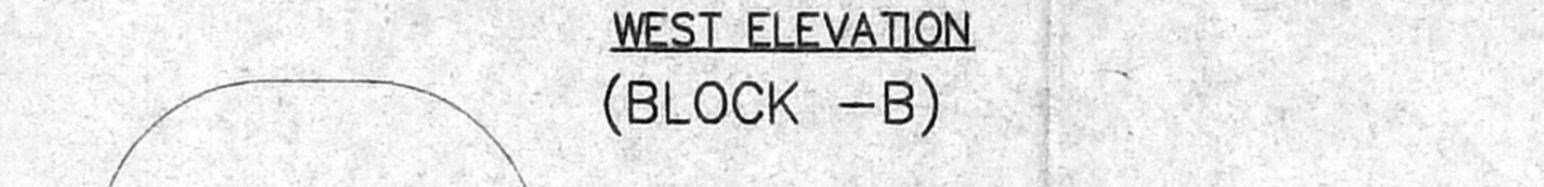
WEST ELEVATION (BLOCK -A)



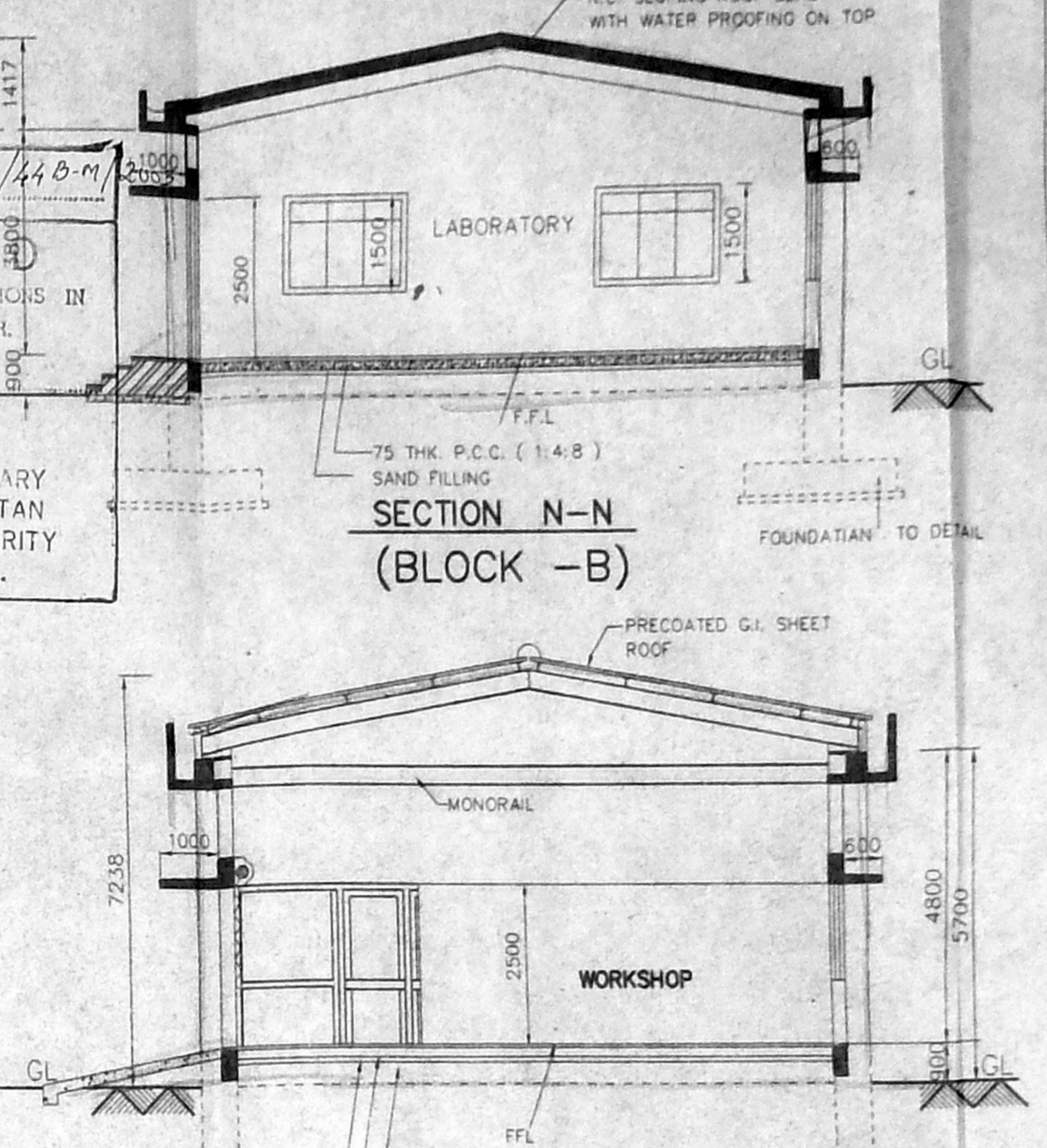
SECTION Y-Y (BLOCK -A)



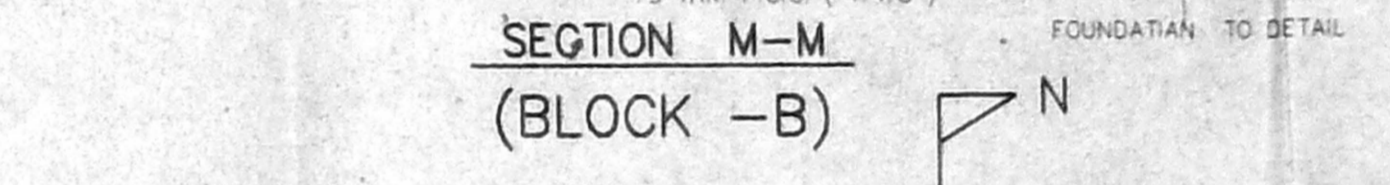
SOUTH ELEVATION (BLOCK -B)



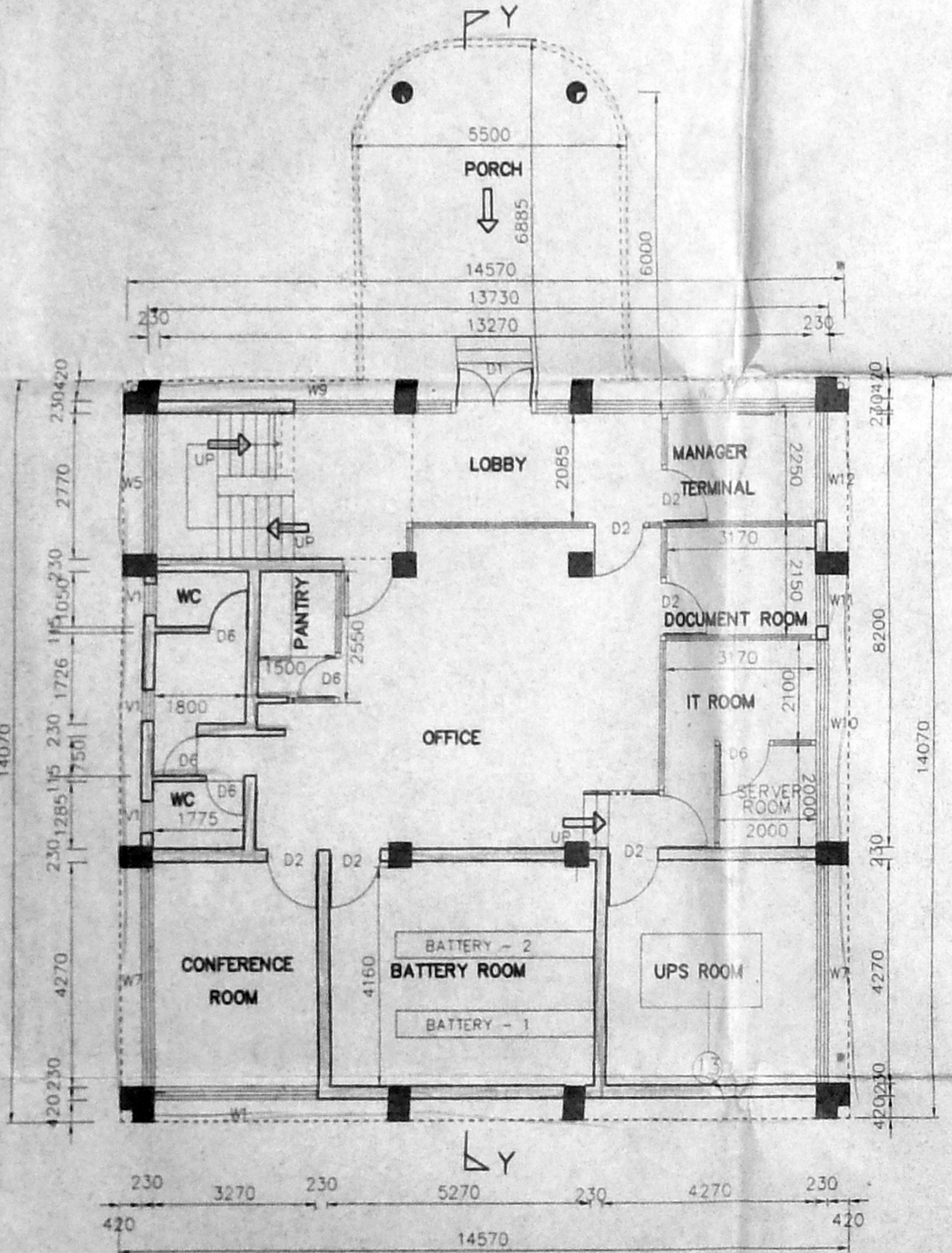
WEST ELEVATION (BLOCK -B)



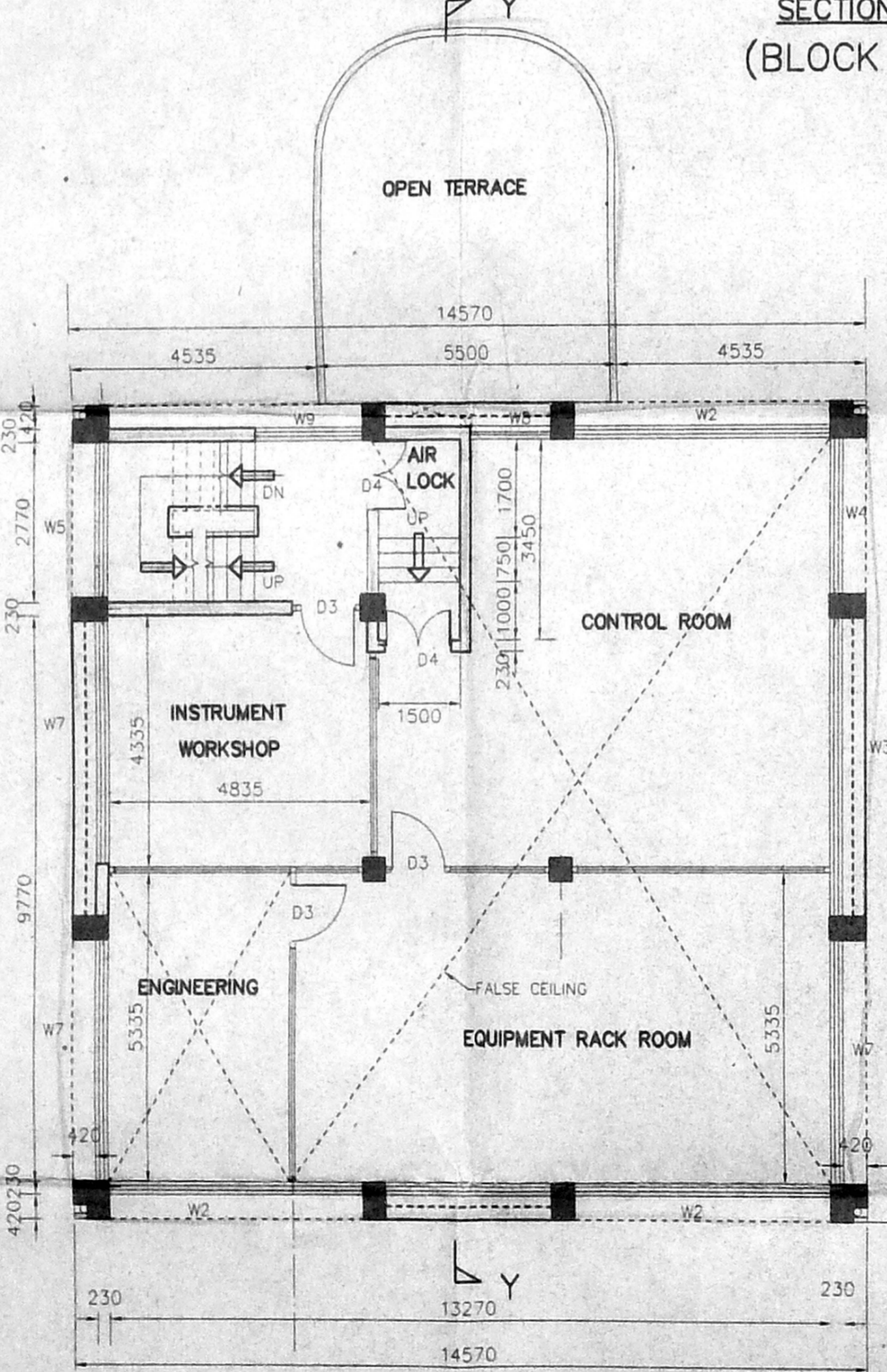
SECTION N-N (BLOCK -B)



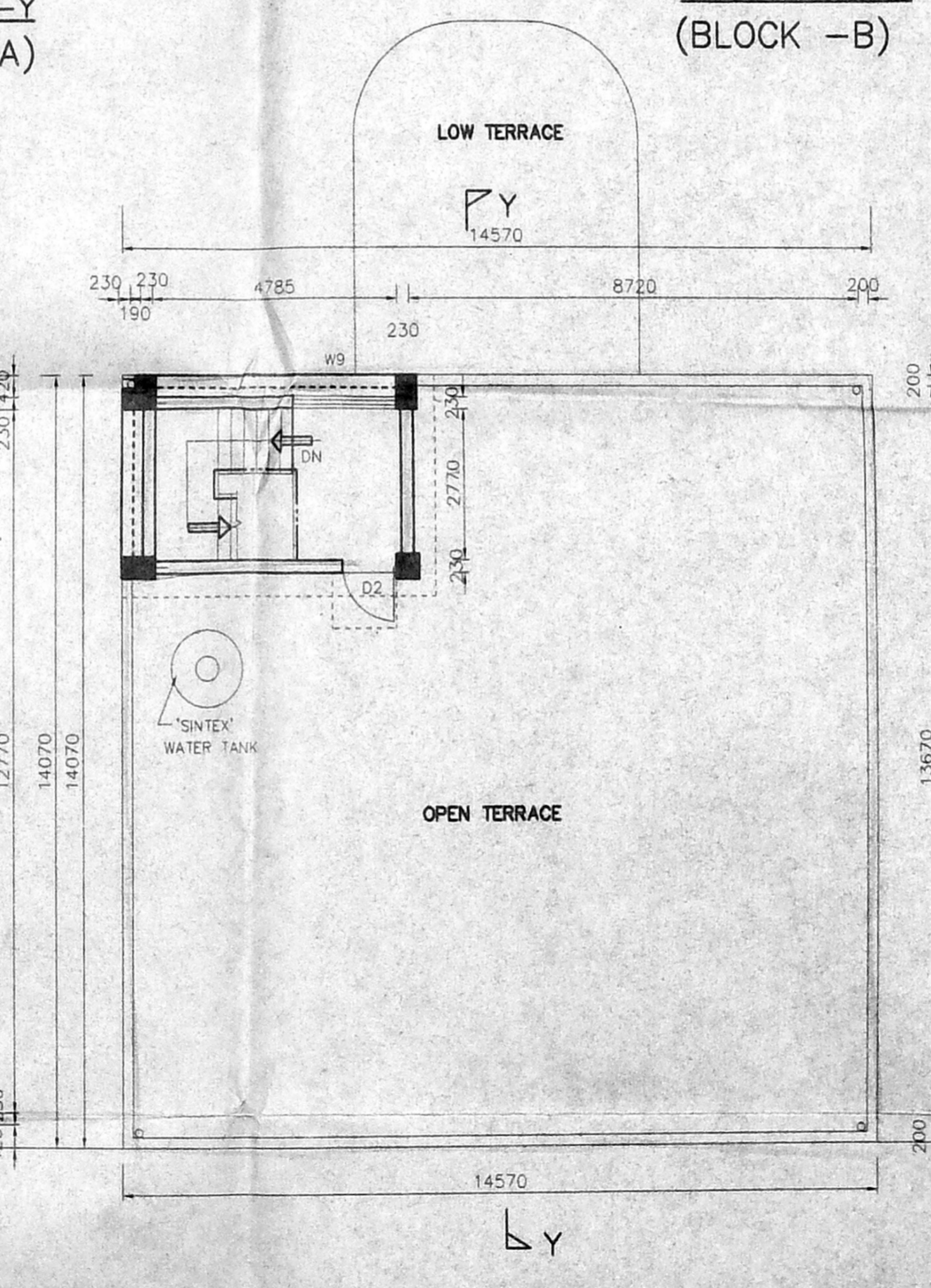
SECTION M-M (BLOCK -B)



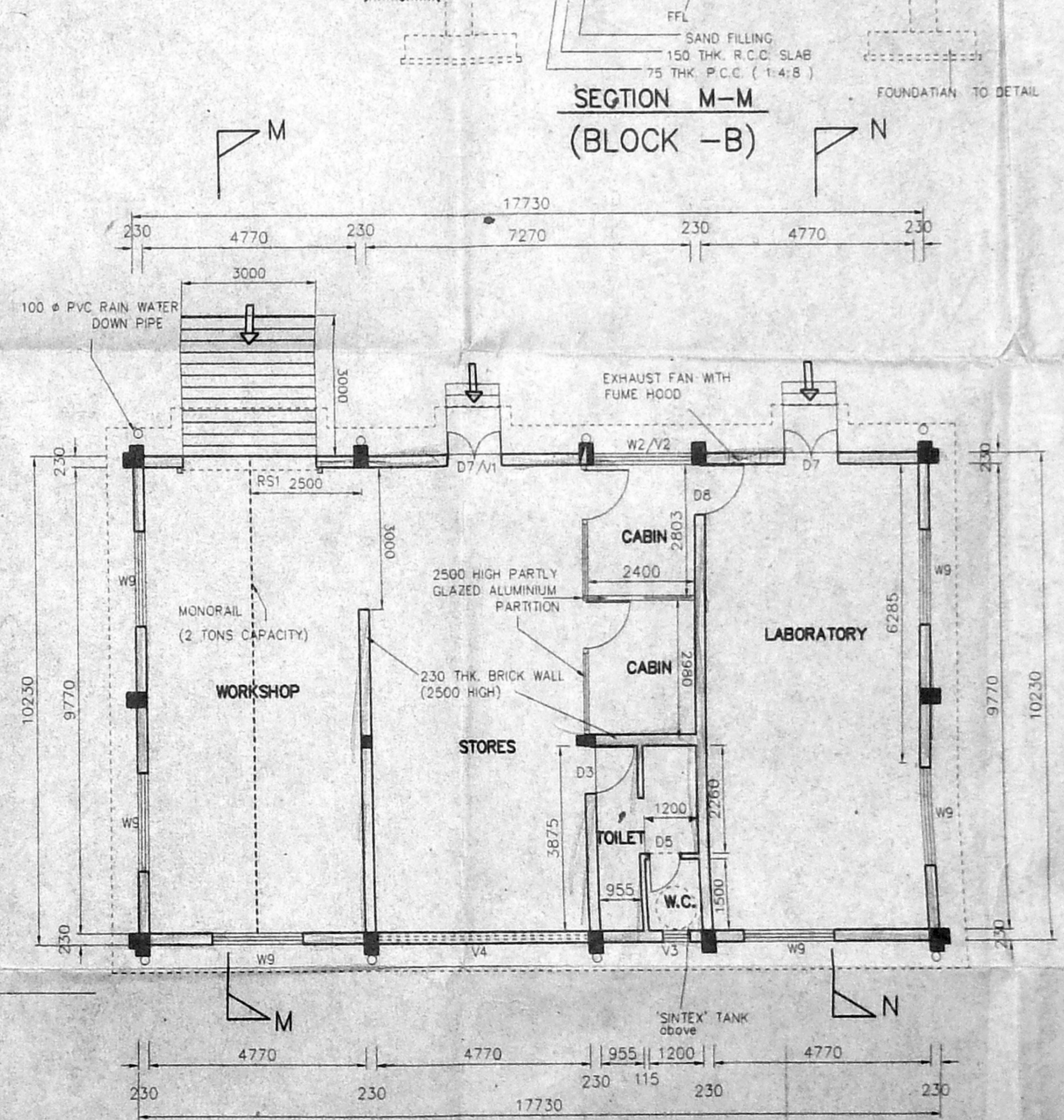
PLAN ADMINISTRATION & CONTROL ROOM (BLOCK -A)



FIRST FLOOR PLAN (BLOCK -A)



TERRACE FLOOR PLAN (BLOCK -A)



PLAN WORKSHOP, STORE & LABORATORY (BLOCK -B)

OFFICE COPY

APPROVED  
SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER  
FOR MEMBER SECRETARY  
CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
CHENNAI-600 008.

CMDA 'C' / PP No. 1 SCHEDULE OF JOINERY		
TYPE	DESCRIPTION	SIZE
D1	aluminium door	3100x2500
D2	aluminium door	2100x1100
D3	aluminium door	1000x2100
D4	aluminium door	1200x2100
D5	pvc door	250x2100
D6	aluminium door	1200x2500
D7	aluminium door	1300x2100
W1	aluminium window	3225x1500
W2	aluminium window	4200x1500
W3	aluminium window	5100x1500
W4	aluminium window	2700x1500
W5	aluminium window	2700x1200
W6	aluminium window	2100x1500
W7	aluminium window	2200x1500
W8	aluminium window	1450x1500
W9	aluminium window	2000x1500
W10	aluminium window	3850x1500
W11	aluminium window	1000x1500
W12	aluminium window	2100x1500
V1	aluminium ventilator	600x1200
V2	aluminium ventilator	2200x800
V3	aluminium ventilator	800x1200
V4	aluminium ventilator	4700x900
V5	Rolling shutter	3000x2500

- SPECIFICATIONS :-**
- R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
  - SUPER STRUCTURE BRICKWORK SET IN CM 1:5
  - R.C.C 1:2:4 FOR LINTEL BEAMS & SLABS
  - R.C.C 1:4:8 FOR FLOOR LEVELLING COURSE
  - P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
  - JOINERY WITH T.M FLUSH DOORS & T.M GLAZED WINDOWS & VENTILATORS
  - 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
  - 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GULLYWORK, ETC
  - WEATHERING COURSE OVER ROOF SLAB 3" THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

AREA STATEMENT	SQ M
A-ADMINISTRATION & CONTROL ROOM AREA	447.87
B-WORKSHOP, STORE & LABORATORY AREA	182.99

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED IN S.NOS 1183/1,2, 1184, 1185, 1189/1, 1189/2, 1190/1,2, 1191/1, 1191/2, 1192, 1193/1,2,3&1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION.

PONNERI TALUK, THIRUVALUR DISTRICT, ADMINISTRATION & CONTROL BUILDING WORKSHOP, STORE & LABORATORY

JOB NO. 1857 SCALE 1:100

COLOUR INDEX PROPOSED

➔ N SHEET NO. 2/13

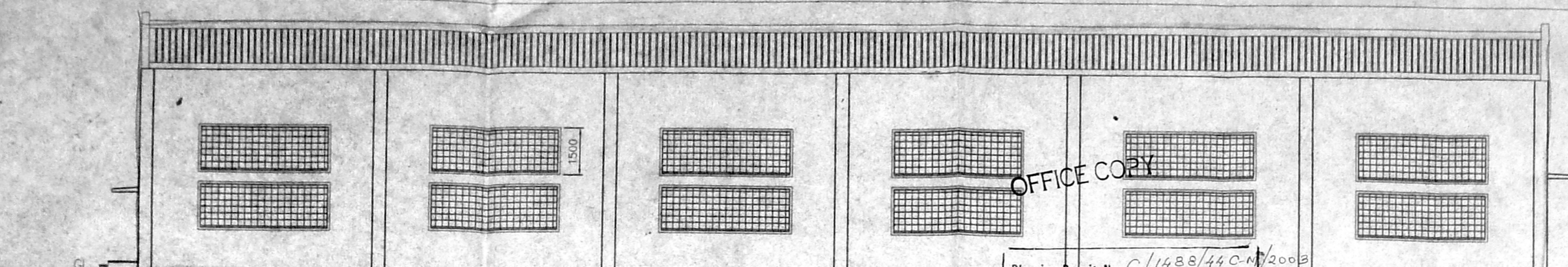
For RELIANCE INDUSTRIES LTD  
Authorised Signatory  
OWNER'S SIGNATURE

ARCHITECT

R.SATHYANARAYANA, barch, a.i.a.

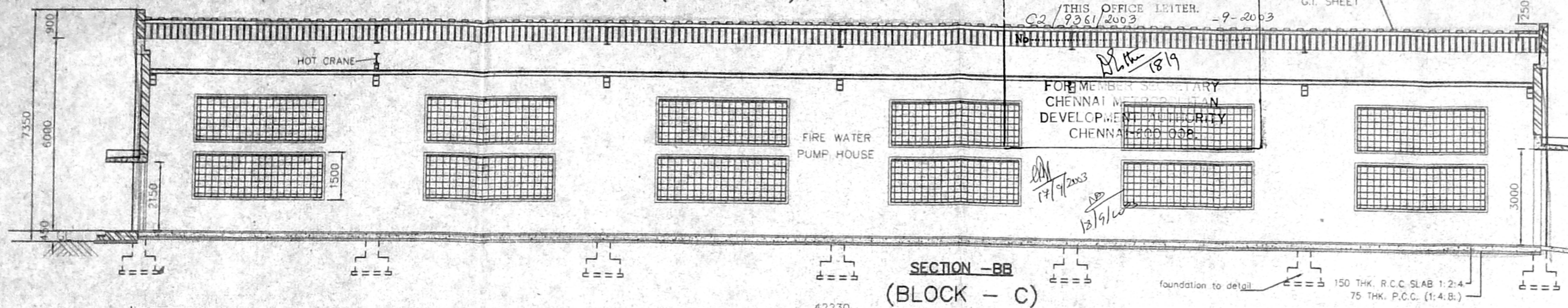
R. SATHYANARAYANA, BARCH, A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/6619655  
NO.55 (OLD U-12) 4th MAIN ROAD,  
ANNA NAGAR, CHENNAI-600 040.

NO	DESCRIPTION	H.P	NOS	TOTAL H.P
13	UPS - LOAD	35	-	35

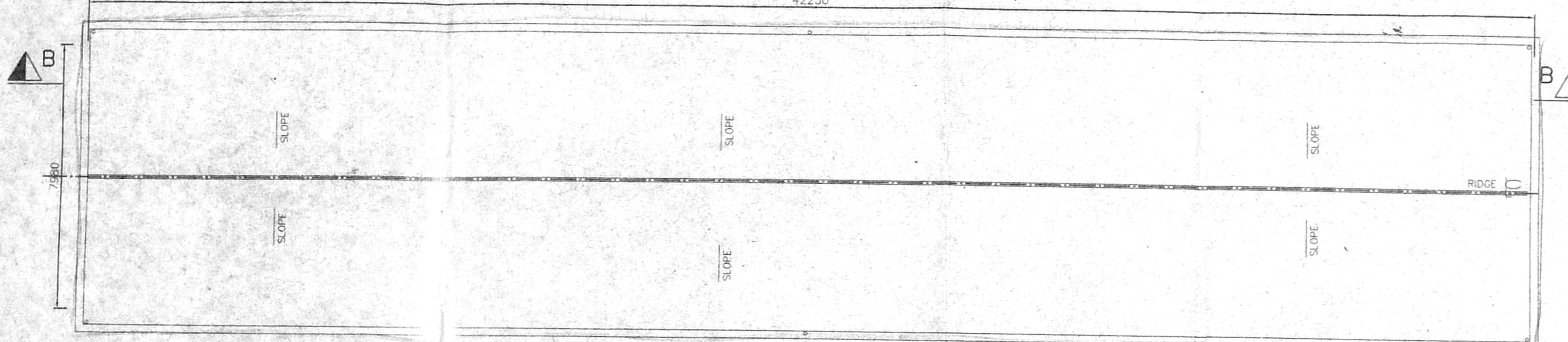


EAST SIDE ELEVATION  
(BLOCK - C)

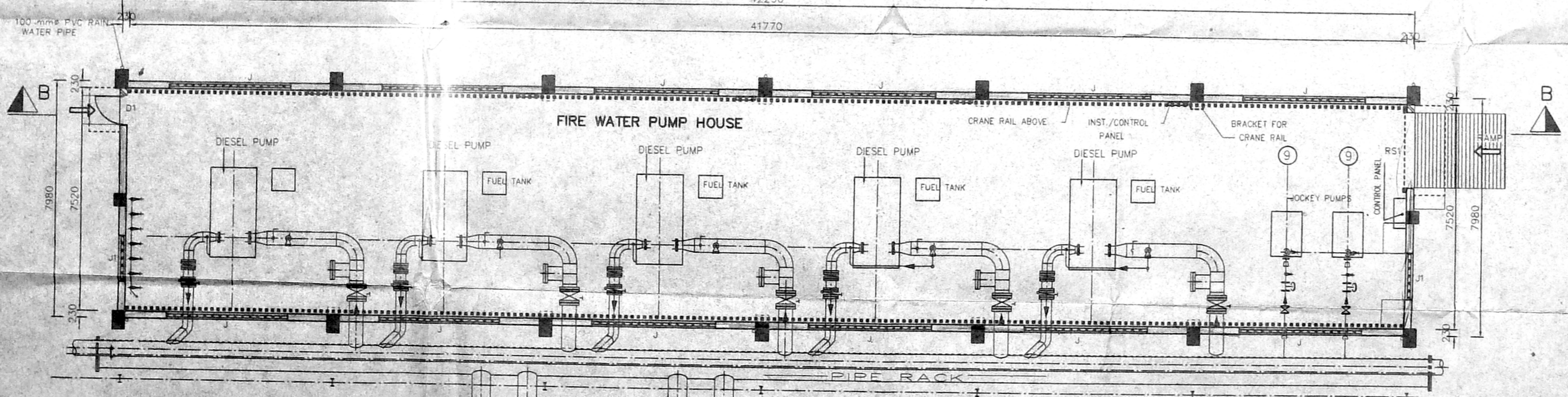
OFFICE COPY  
Planning Permit No. C/1488/44C-N/2003



SECTION - BB  
(BLOCK - C)



ROOF PLAN  
(BLOCK - C)



PLAN OF FIRE WATER PUMP HOUSE  
(BLOCK - C)

SCHEDULE OF JOINERY		
TYPE	DESCRIPTION	SIZE
D1	aluminium door	2100x2150
	rolling shutter	2500x3000
	JALY	4000x1500
	JALY	1560x1500

CMDA 'C' / PP No. 1  
C. No. C2/9361/2003  
Date 6/8/2003

- RT II
- SPECIFICATIONS :-**
- R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
  - SUPER STRUCTURE BRICKWORK SET IN ckn 1:5
  - R.C.C 1:2:4 FOR LINTELS, BEAMS & PRECAST G.I. SHEET
  - P.C.C 1:4:8 FOR FLOOR LEVELLING COURSE
  - P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
  - JOINERY WITH ALUMINIUM DOOR
  - 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
  - 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLEWORK, ETC

AREA STATEMENT	SQ.M
C - FIRE WATER PUMP HOUSE AREA	337.00

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED IN 1183/1,2, 1184, 1185, 1189/1, 1189/2, 1190/1,2, 1191/1, 2, 1192, 1193/1,2,3 & 1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

FIRE WATER PUMP HOUSE  
JOB NO : 867 SCALE : 1:100

COLOUR INDEX  
PROPOSED

➔ N SHEET NO: 3/13

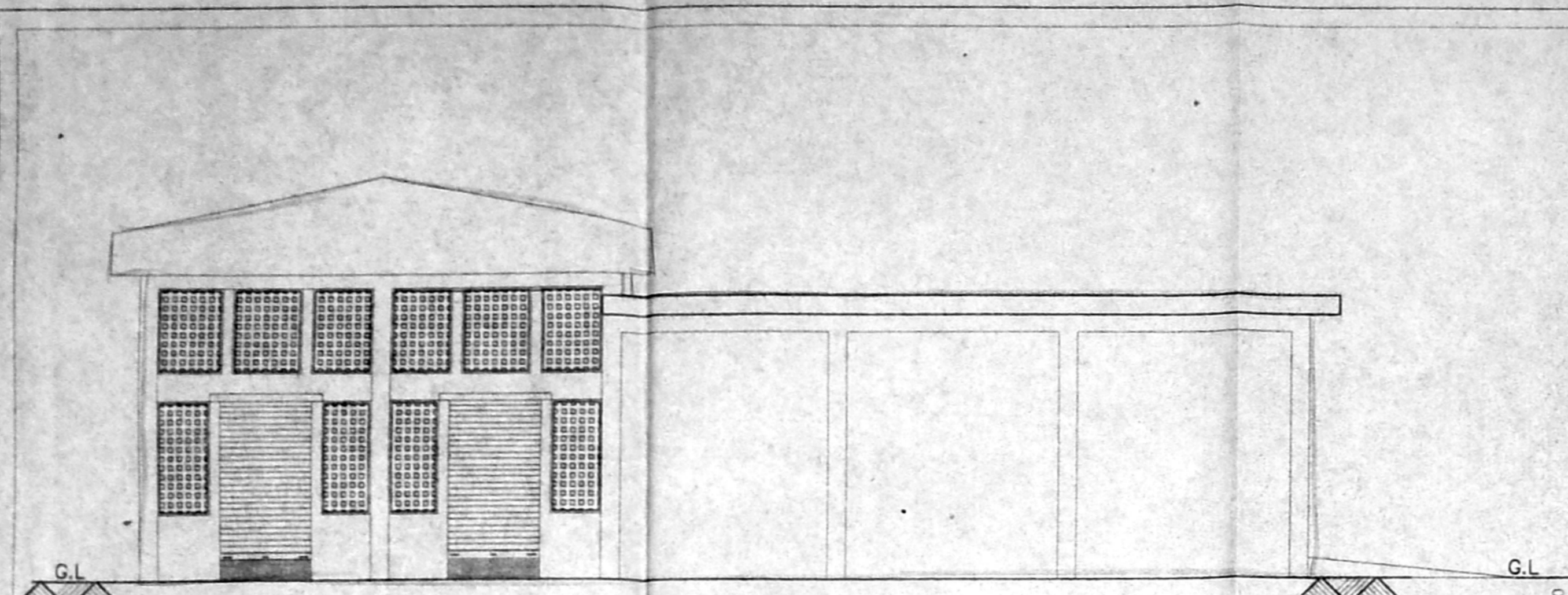
For RELIANCE INDUSTRIES LTD  
Authorized Signatory

OWNER'S SIGNATURE  
ARCHITECT  
R. SATHYANARAYANA, b.arch. a.i.a.

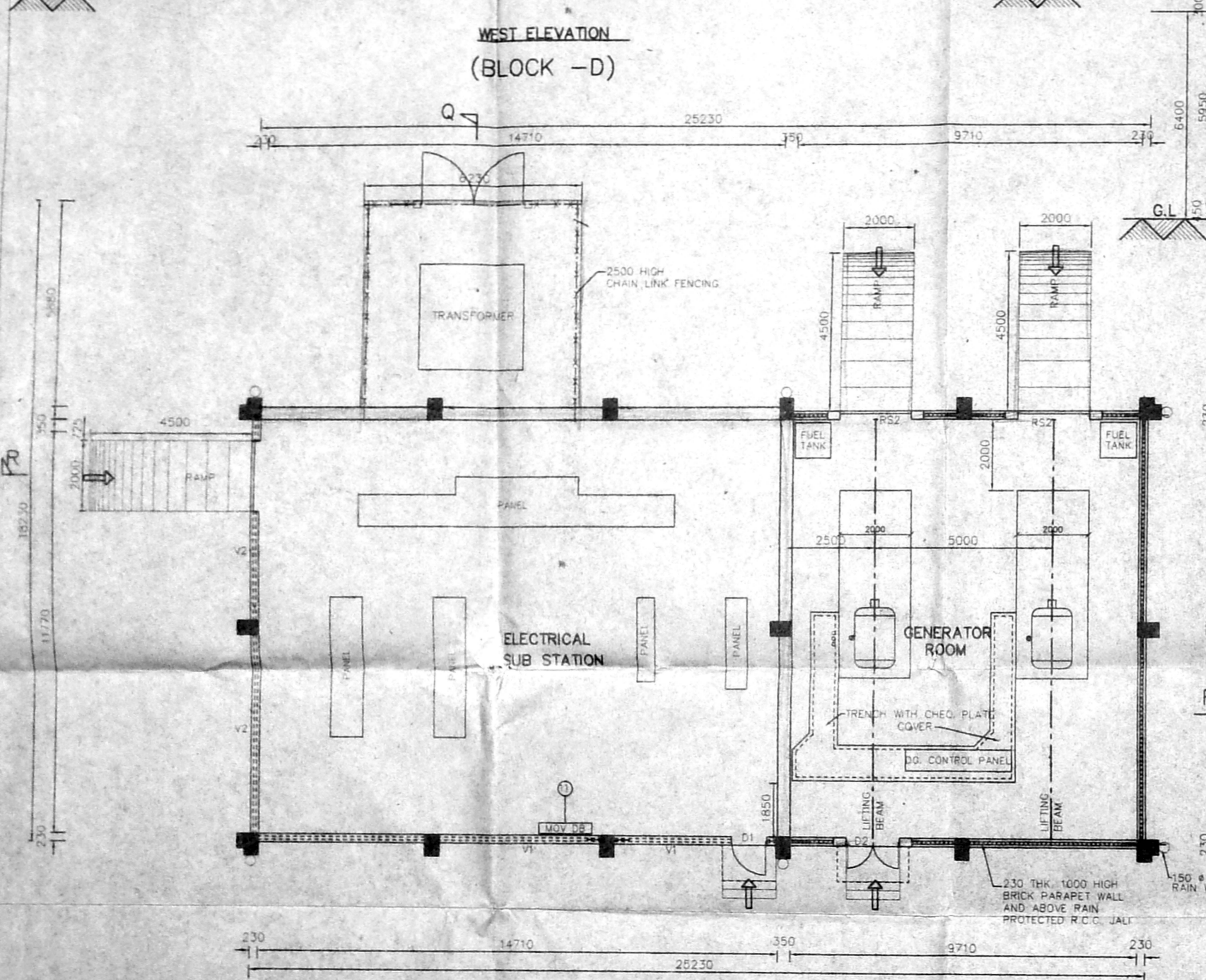
R. SATHYANARAYANA, B.Arch. A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTS  
CA/86/9695  
NO: 55 (OLD U-12) 4th FLOOR, D  
ANNA NAGAR, CHENNAI-600 040.

NO	DESCRIPTION	H.P	NOS	TOTAL H.P
9	FW JOCKEY PUMP	60	2	120

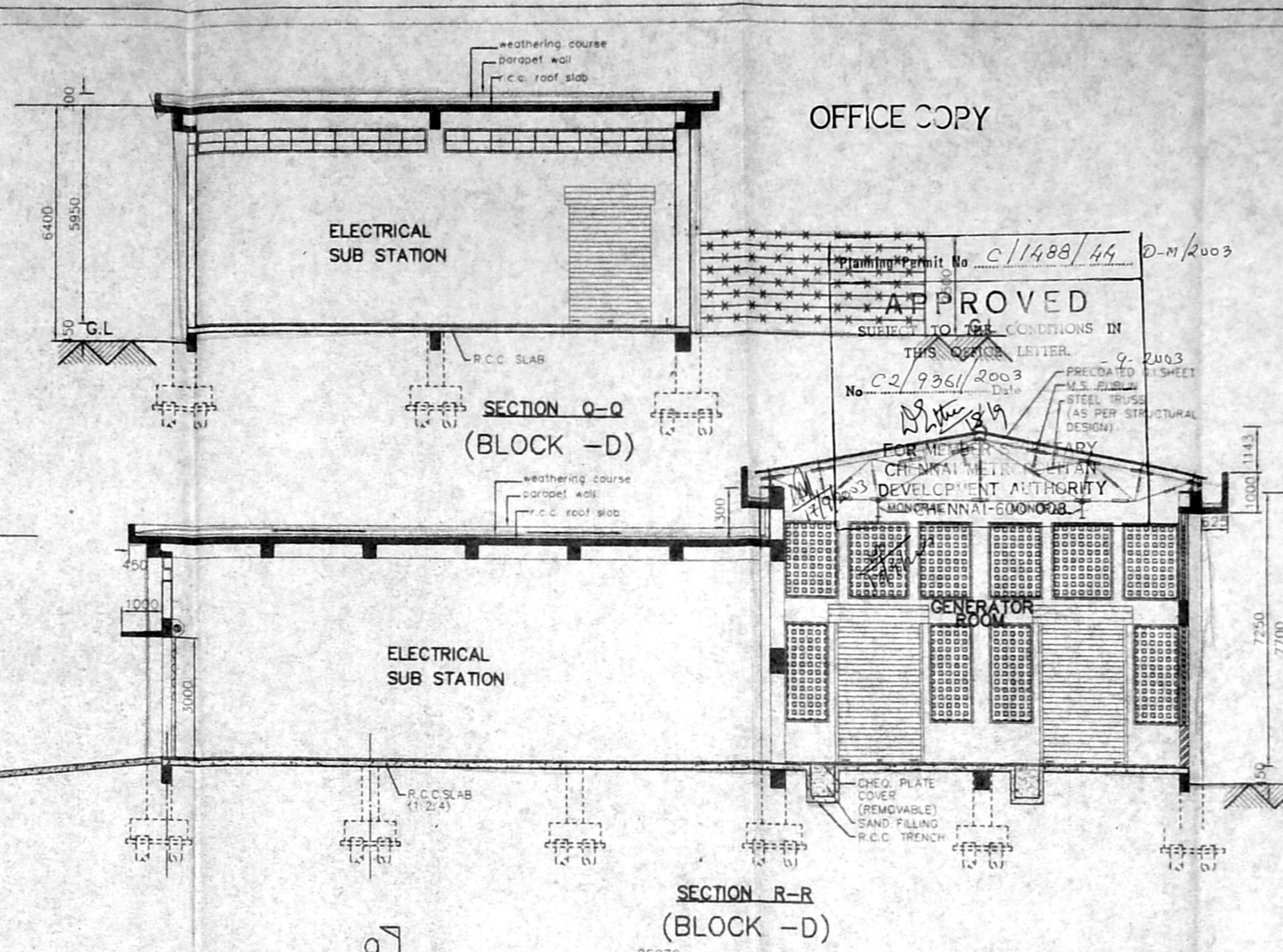
21/11/17 2003



WEST ELEVATION  
(BLOCK -D)

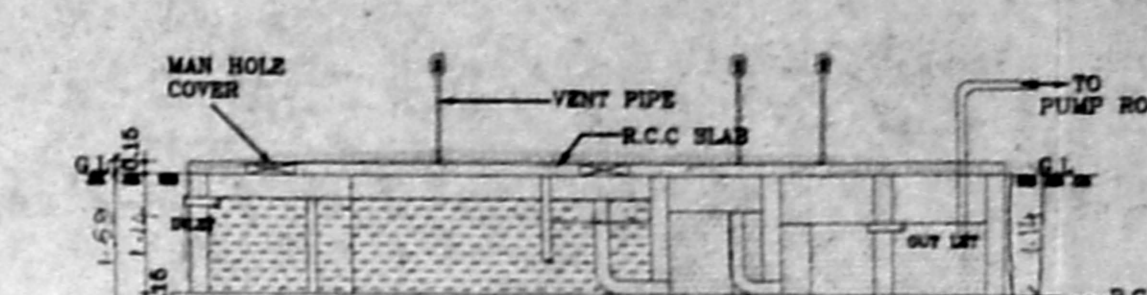


PLAN  
(BLOCK -D)

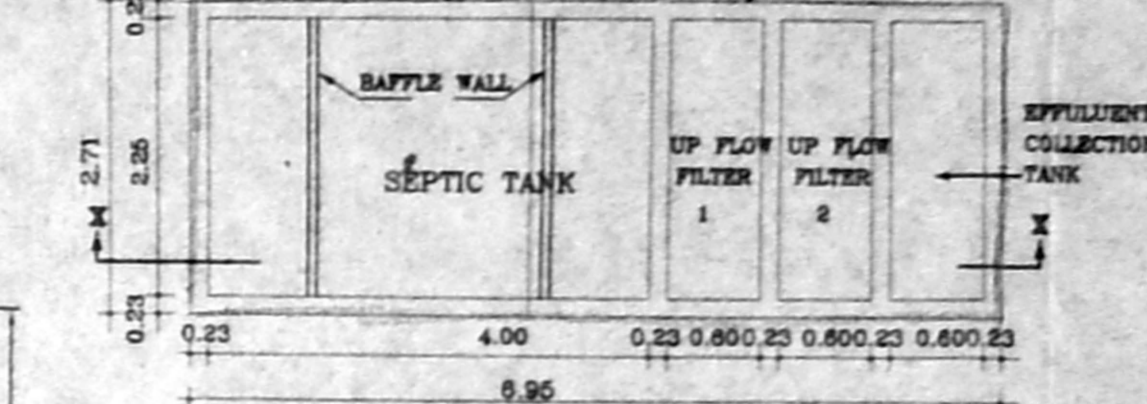


SECTION R-R  
(BLOCK -D)

TERRACE FLOOR PLAN  
(BLOCK -D)



SECTION 'XX'  
(BLOCK -E)



PLAN OF SEPTIC TANK  
(BLOCK -E)

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR 30 USERS

FOR THE PROPOSED PETROLEUM PRODUCTS TANK TERMINAL  
FOR RELIANCE INDUSTRIES LIMITED IN S.NOS: 1183/1, 2  
1184, 1185, 1189, 1190/1, 2, 1191/1, 2, 1192, 1193/1, 2, 3, 4  
191, 192 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION,  
PONNERI TALUK, THIRUVALLUR DISTRICT.

NO. OF USERS - 30  
TOTAL NO OF FIXTURES }  
PER HOUR DISCHARGE } - 12x6 = 72 LPM

SEPTIC TANK  
SURFACE AREA NEEDED -  $\frac{72 \times 0.92}{10} = 6.62$  SAY 7sqm

VOLUME OF SEDIMENTATION }  
ASSUMING 0.3m DEPTH } - 7x0.3m = 2.10cu.m  
FOR DIGESTION - 30x0.032 = 0.96cu.m  
FOR SLUDGE STORAGE - 0.0002x365x30 = 2.19cu.m  
FREE BOARD FOR SLUDGE - 7x0.30 = 2.10cu.m  
7.35cu.m

DEPTH =  $\frac{VOLUME}{STORAGE} = \frac{8}{7} = 1.14$  SAY 8cu.m  
SIZE OF SEPTIC TANK : 4.00x2.25x1.14m

UPFLOW FILTER  
LIQUID DEPTH OF SEPTIC TANK = 1.14m  
VOLUME : 30x0.045 = 1.35cu.m  
UPFLOW FILTER DEPTH }  
ALLOWING 0.3m FREE BOARD } = 1.14-0.3 = 0.84cu.m  
AREA NEEDED:  $\frac{1.35}{0.84} = 1.61$  SAY 2.00sqm

SIZE OF UPFLOW FILTER = 2.00x1.20m  
UPFLOW FILTER NO:1 = 2.00x0.60x0.99m  
UPFLOW FILTER NO:2 = 2.00x0.60x0.84m

NO	DESCRIPTION	H.P	NO	TOTAL H.P
11	MOV DB - SUBSTATION	32	1	32

SCHEDULE OF JOINERY		
TYPE	DESCRIPTION	SIZE
CMDA C/IRP No. C/1936/2003	Aluminum door	1000x2200
D1	Aluminum door	1500x2200
OZ	Aluminum door	2000x3000
RS1	Rolling shutter	2000x3500
RS2	Rolling shutter	2000x3500
V1	Aluminum ventilator	4600x600
V2	Aluminum ventilator	5685x600
V3	Aluminum ventilator	4685x1200
		D/m

- SPECIFICATIONS :-
1. R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
  2. SUPER STRUCTURE BRICKWORK SET IN 1:1:6
  3. R.C.C 1:2:4 FOR LEVEL BEAMS SLABS
  4. STEEL TRUSS WITH PRECASTED G.I SHEET ROOF
  5. P.C.C 1:4:8 FOR FLOOR LEVELLING COURSE
  6. P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
  7. 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
  8. 1.5 GLAZED WINDOWS & VENTILATORS
  9. 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
  10. 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLWORK, ETC
  11. WEATHERING COURSE OVER ROOF SLAB 5" THICK WITH BRICK BELL LINE CONCRETE AND ONE LAYER OF PRESSED TILES ON TOP

AREA STATEMENT	SQ.M
D-ELECTRICAL SUB STATION AREA	349.40

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING AND STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED IN S.NOS: 1183/1, 2, 1184, 1185, 1189, 1190/1, 2, 1191/1, 1191/2, 1192, 1193/1, 2, 3 & 1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

ELECTRICAL SUBSTATION & SEPTIC TANK

JOB NO : 857 SCALE : 1:100

COLOUR INDEX

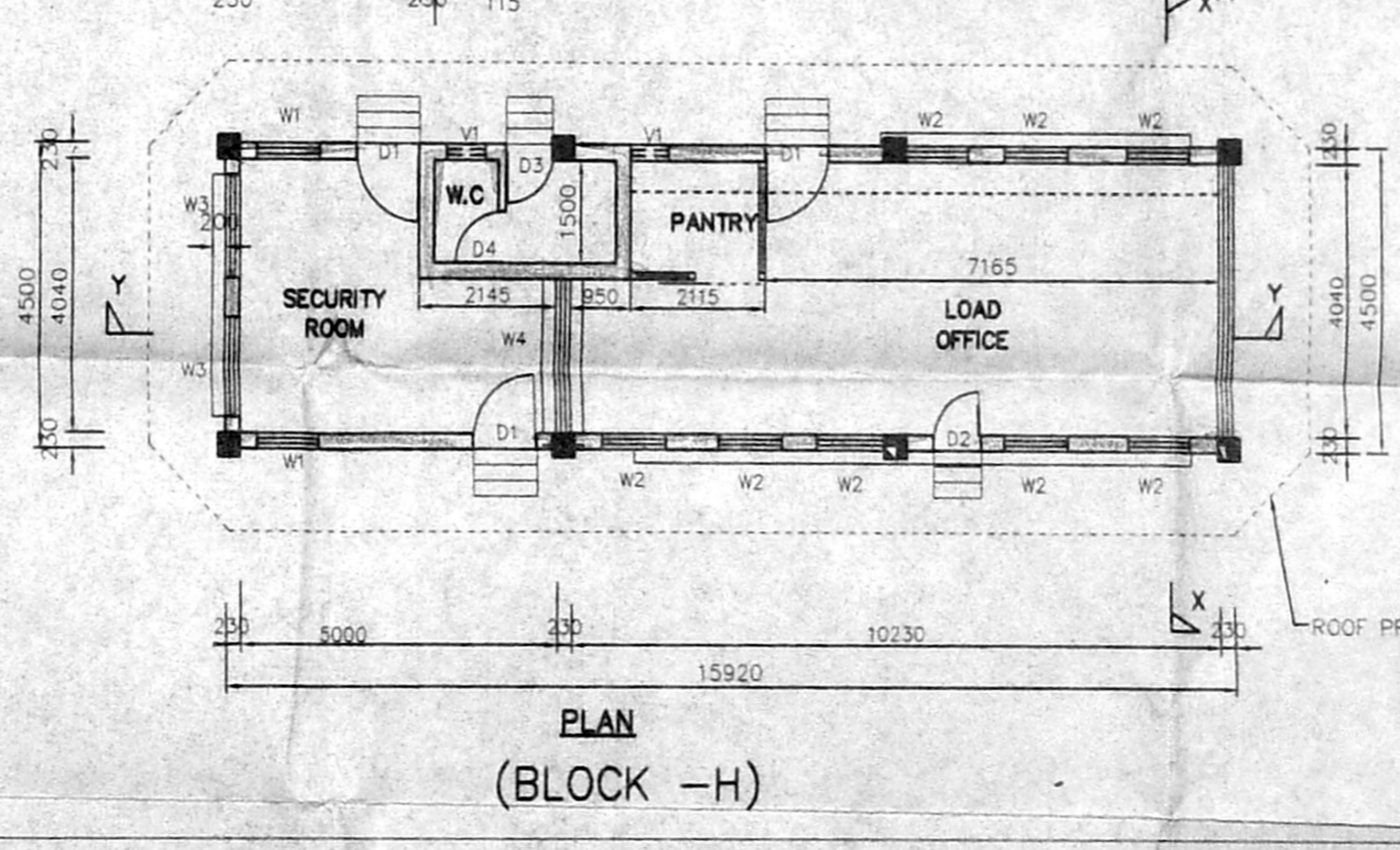
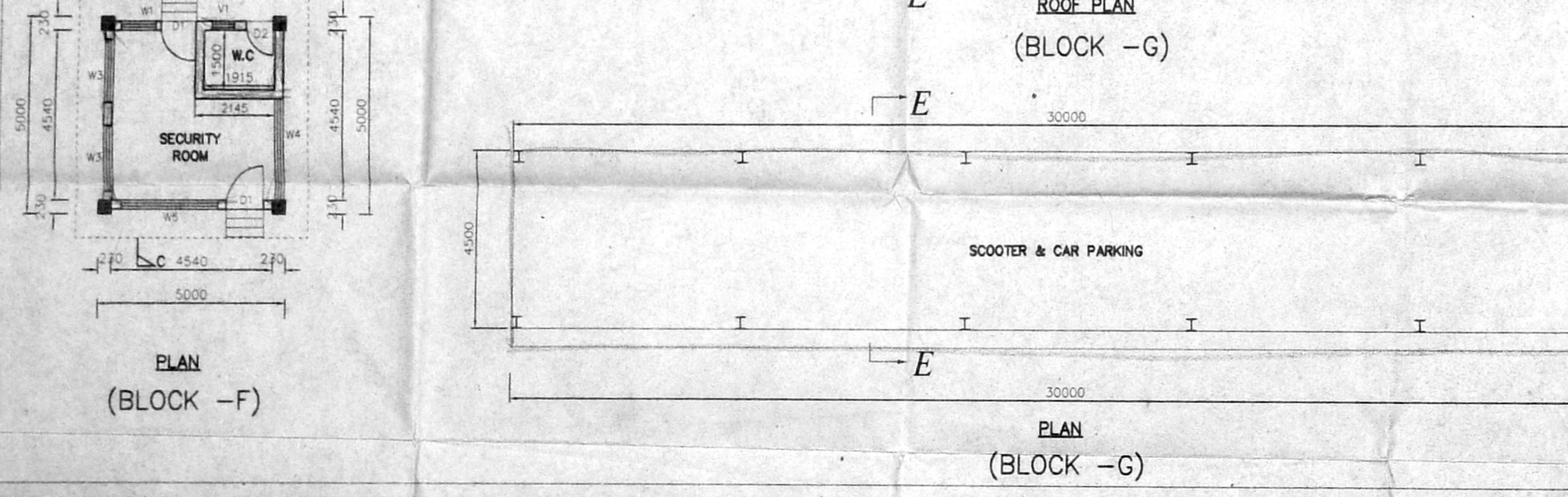
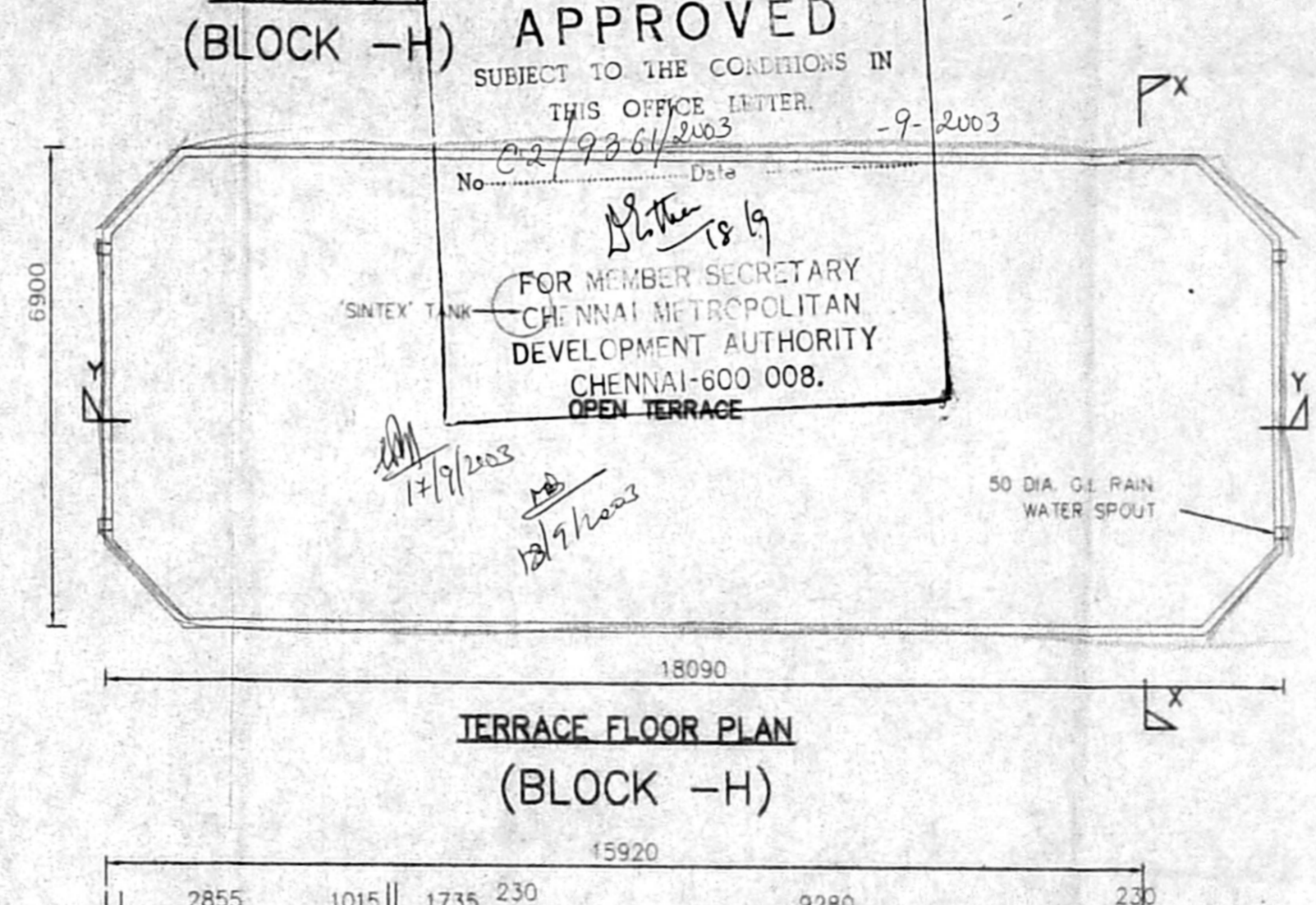
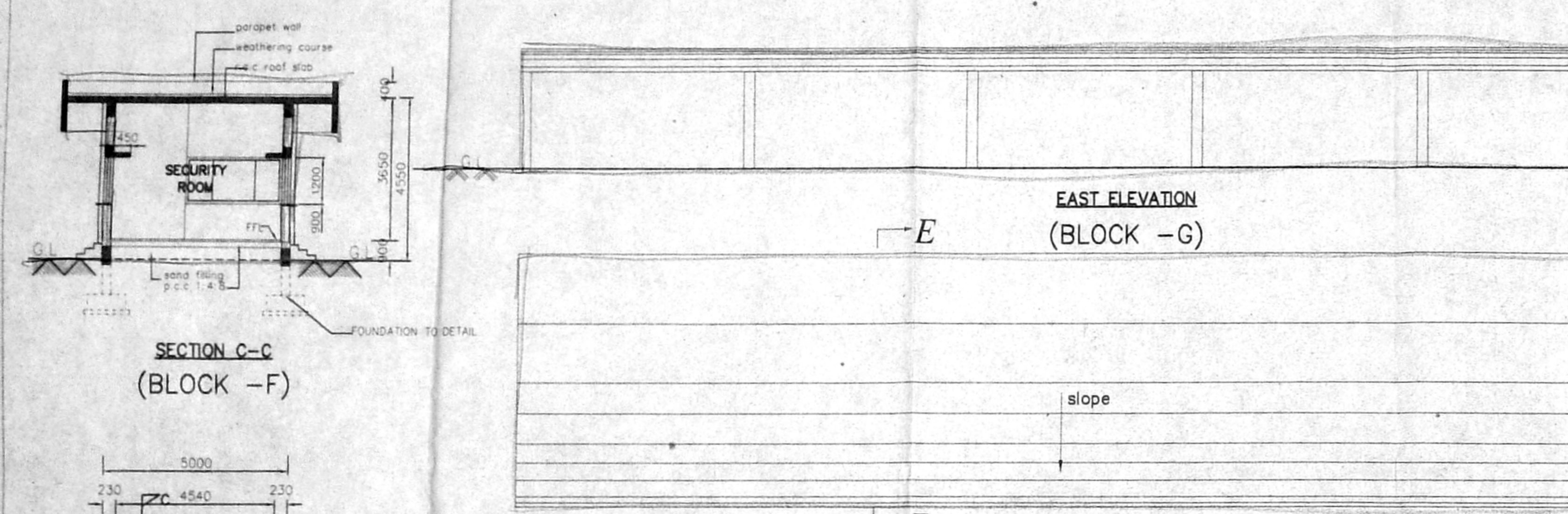
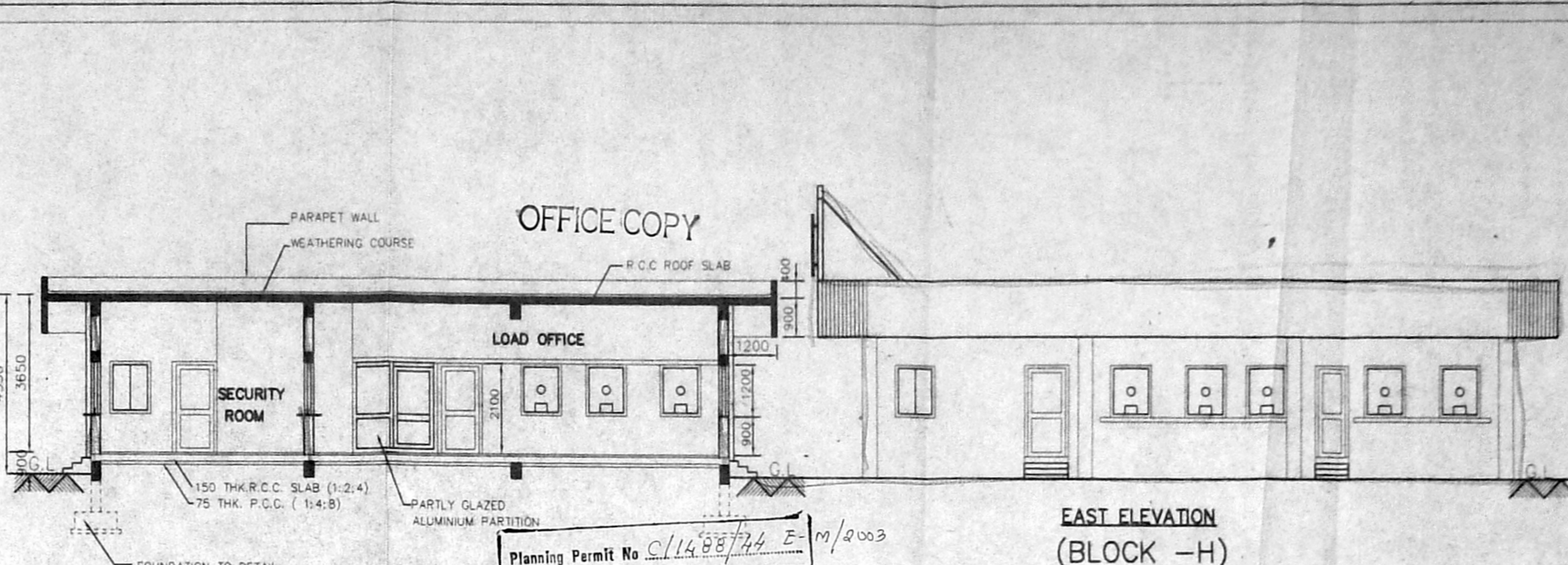
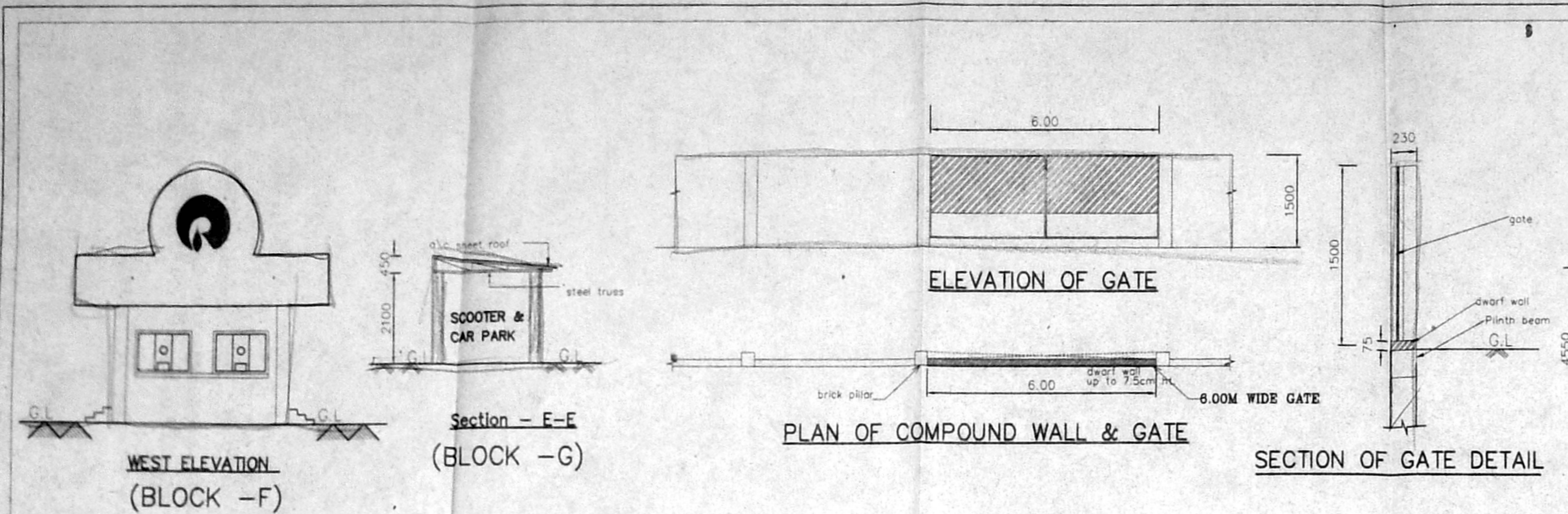
PROPOSED

➔ N SHEET NO: 4/13

For RELIANCE INDUSTRIES LTD  
Authorized Signatory  
OWNER'S SIGNATURE

ARCHITECT  
R. SATHYANARAYANA, barch, a.i.a.

R. SATHYANARAYANA, BARCH, A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/86/5895  
NO. 55 (OLD U-12) 4th MAIN ROAD,  
ANNA NAGAR, CHENNAI 600 040.



SCHEDULE OF JOBBERY		
TYPE	DESCRIPTION	SIZE
D1	aluminium door	1000x2100
D2	aluminium door	750x2100
D3	aluminium door	750x2100
D4	aluminium door	750x2100
W1	aluminium window	1000x1200
W2	aluminium window	1000x1200
W3	fixed glass with counter opening	1500x1200
W4	aluminium window	2270x1200
W5	aluminium window	4000x1200
V1	aluminium ventilator	600x1200

**SPECIFICATIONS :-**

- R.C.C. FOOTING & COLUMN IN CONCRETE 1:2:4
- SUPER STRUCTURE SKELETON SET IN 1:2:4
- R.C.C. 1:2:4 FOR LINTEL/BEAMS SLABS
- M.C. SHEET ROOF
- P.C.C. 1:4:8 FOR FLOOR LEVELLING COURSE
- P.C.C. 1:5:10 IN BASEMENT FOR FOUNDATION
- JOINTERY WITH ALUMINIUM DOORS & ALUMINIUM WINDOWS & VENTILATORS
- 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
- 2 COATS OF EMERALD PAINTS OVER ONE COAT OF PRIMER FOR JOINTERY, GRILLWORK, ETC.
- WEATHERING COURSE OVER ROOF SLAB 5" THICK WITH BRICK JELLY LIME CONCRETE AND ONE LAYER OF PREBENT TILES ON TOP

AREA STATEMENT	SQ.M
F- SECURITY CABIN AREA	25.00
H- SECURITY & LOAD OFFICE	716.400
G- SCOOTER & CAR PARK *	135.00
not included in area *	

**PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED**  
 IN S.NOS:1183/1,2, 1184, 1185, 1189/1, 1189/2, 1190/1,2, 1191/1, 1191/2, 1192, 1193/1,2,3&1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

**SECURITY CABIN, & SCOOTER & CAR PARKING, SECURITY & LOAD OFFICE**

JOB NO :857      SCALE : 1:100

**COLOUR INDEX**

PROPOSED → N

SHEET NO: 5/13

For RELIANCE INDUSTRIES LTD  
 Authorised Signatory

OWNER'S SIGNATURE

ARCHITECT  
**R.SATHYANARAYANA, b.arch, p.a.e.**

R. SATHYANARAYANA - B.Arch., A.I.A. REGISTERED ARCHITECT COUNCIL OF ARCHITECTURE CA/EG/5895 NO: 55 (OLD U-12) 4th MAIN ROAD, ANNA NAGAR, CHENNAI-600 040.

Planning Permit No C/1488/74 E/M/2003  
**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. 02/9861/2003 Date 09-2-2003  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.  
 OPEN TERRACE

OFFICE COPY

PRECOATED G.I. SHEET

Planning Permit No. C/1488/44 F/m/2003

**APPROVED**

SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER

No. C2/9361/2003 Date 9.9.2003

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

WEST SIDE ELEVATION  
(BLOCK - J)

SECTION 'A-A'  
(BLOCK - J)

PLAN AT +5.085 LVL  
(BLOCK - J)

PLAN AT +3.375 LVL  
(BLOCK - J)

PLAN AT +0.300 LVL  
(BLOCK - J)

ELEVATION  
(BLOCK - K)

SECTION S-S  
(BLOCK - K)

PLAN OF COMPRESSOR SHED  
(BLOCK - K)

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
D1	aluminum door	1000x2200
V1	aluminum ventilator	4600x600

Handwritten notes and stamps:

18/9/12  
CMDA 'C' / PP No. 1  
C No. C2/9361/2003  
F/m  
6/10/2003  
C.P.

SPECIFICATIONS :-

1. R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
2. SUPER STRUCTURE SKELETON SET IN cm 1:5
3. R.C.C 1:2:4 FOR LINTEL,BEAMS SLABS
4. STEEL TRUSS WITH PRECOATED G.I SHEET ROOF
5. P.C.C 1:4:8 FOR FLOOR LEVELING COURSE
6. P.C.C 1:5:10 IN BASEMENT FOR FOUNDATION
7. JOINERY WITH ALUMINUM DOORS & ALUMINUM VENTILATORS
8. 3 COATS OF CEMENT PAINT TO INSIDE & OUT SIDE WALLS
9. 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLWORK,ETC
10. A.C SHEET ROOFING

AREA STATEMENT	SQ.M
J- LOADING GANTRY	547.40
K-COMPRESSOR SHED	26.00

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED IN S.NOS.1183/1,2, 1184, 1185, 1189/1, 1189/2, 1190/1,2,1191/1,1191/2, 1192, 1193/1,2,3&1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION.

PONNERI TALUK,THIRUVALLUR DISTRICT.

LOADING GANTRY AND COMPRESSOR ROOM

JOB NO :857 SCALE : 1:100

COLOUR INDEX

PROPOSED

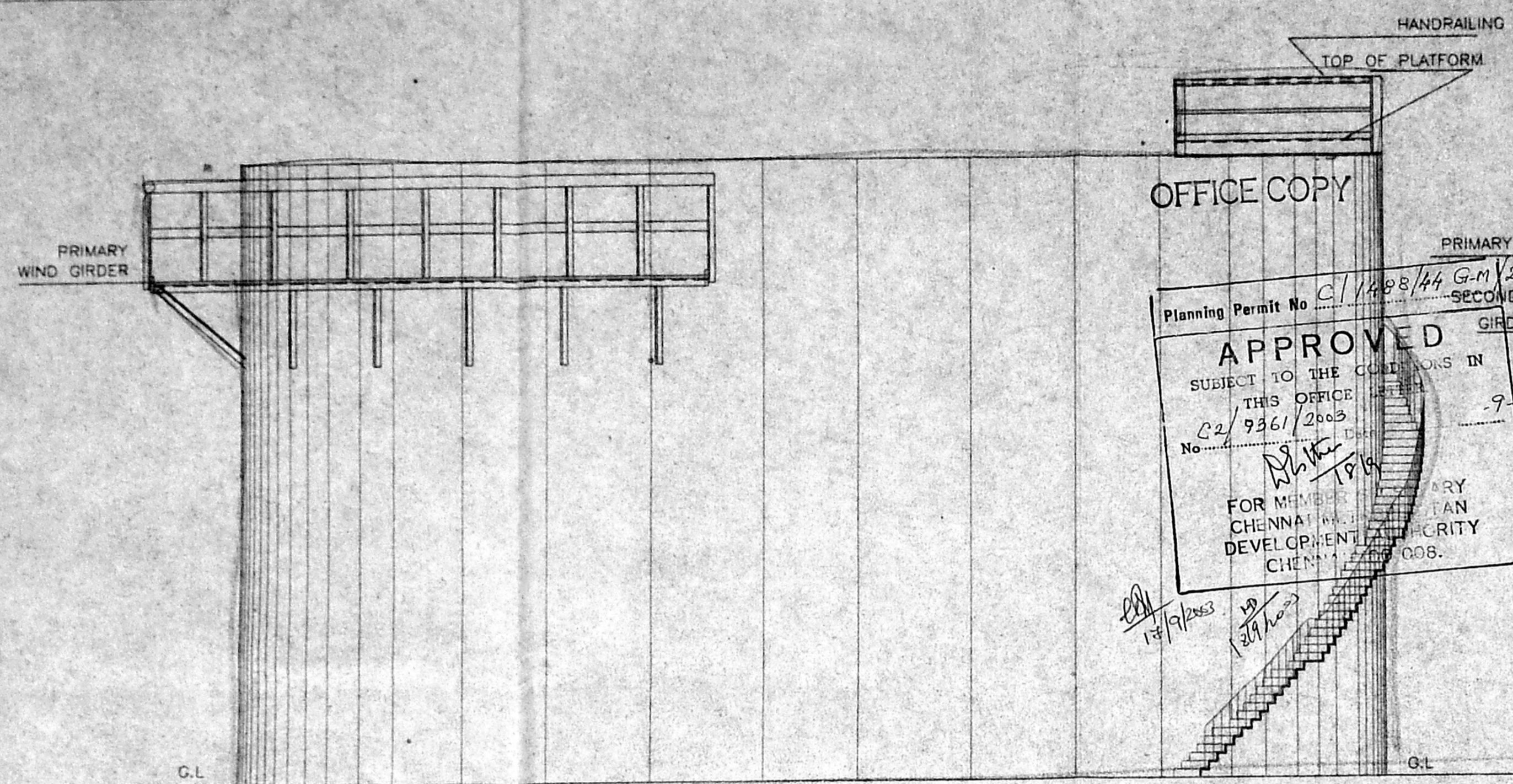
➔ N SHEET NO: 6/13

For RELIANCE INDUSTRIES LTD  
Authorized Signatory  
OWNER'S SIGNATURE

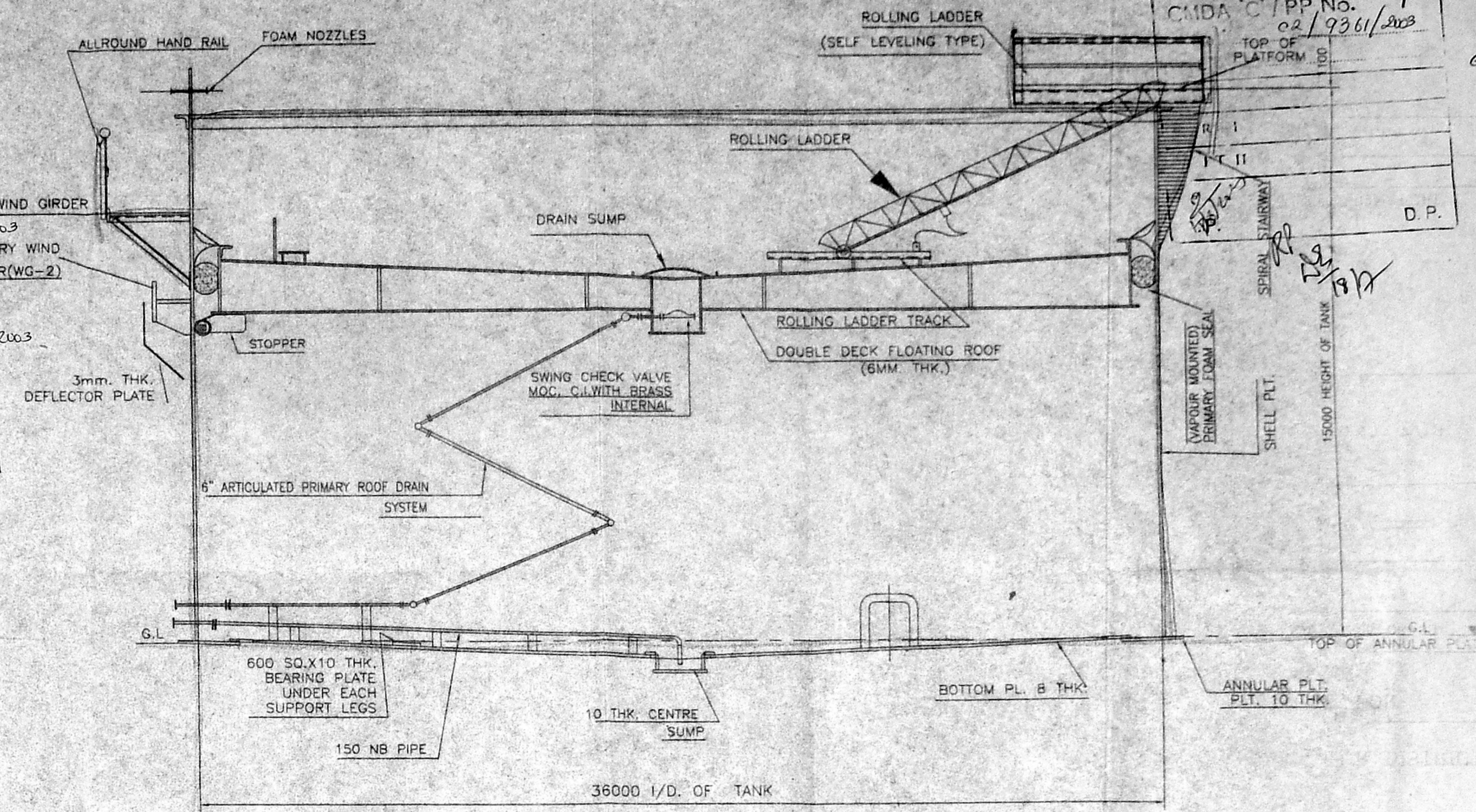
ARCHITECT  
R.SATHYANARAYANA, b.arch, p.a.

R. SATHYANARAYANA, B.Arch. A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/86/9895  
NO:55 (OLD U-12) 4th MAIN ROAD,  
ANNA NAGAR, CHENNAI-600 040.

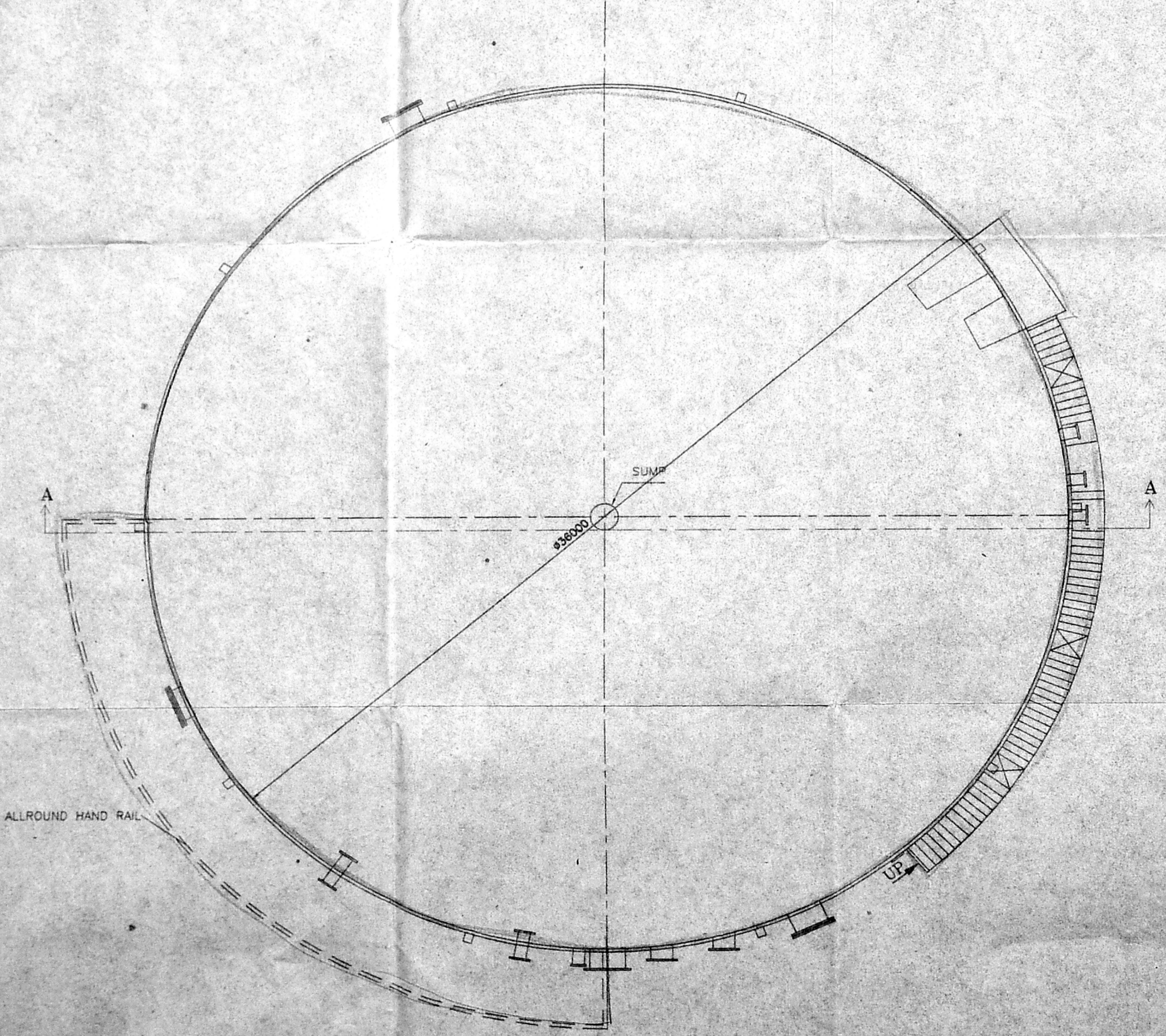
NO.	DESCRIPTION	H.P	NOS	TOTAL H.P
10	INSTANT AIR COMPRESSOR	15	2	30



ELEVATION



SECTION-AA



PLAN

PROPOSED CONSTRUCTION OF PETROCHEMICAL PRODUCTS PROCESSING AND STORAGE TANK TERMINAL FOR RELIANCE INDUSTRIES LIMITED IN 1183/1.2, 1184, 1185, 1189/1, 1189/2, 1190/1.2, 1191/1, 1191/2, 1192, 1196/1.2.3 & 1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

GENERAL ARRANGEMENT FOR L - HSD1 STORAGE TANKS

JOB NO. 857 DATE: 25-06-03

COLOUR INDEX

PROPOSED

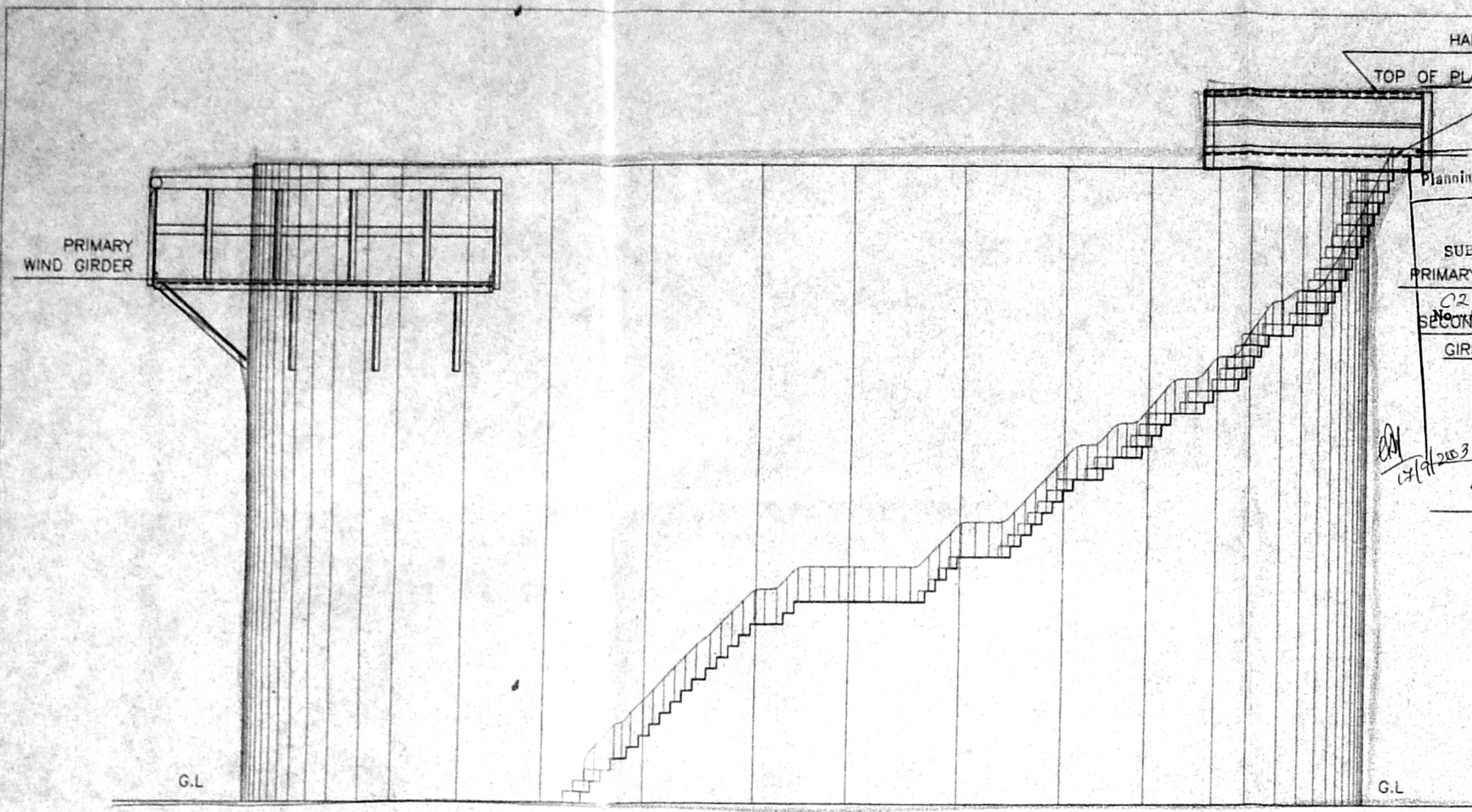
➔ N SHEET NO. 7/13

For RELIANCE INDUSTRIES LTD  
Authorised Signatory  
OWNER'S SIGNATURE

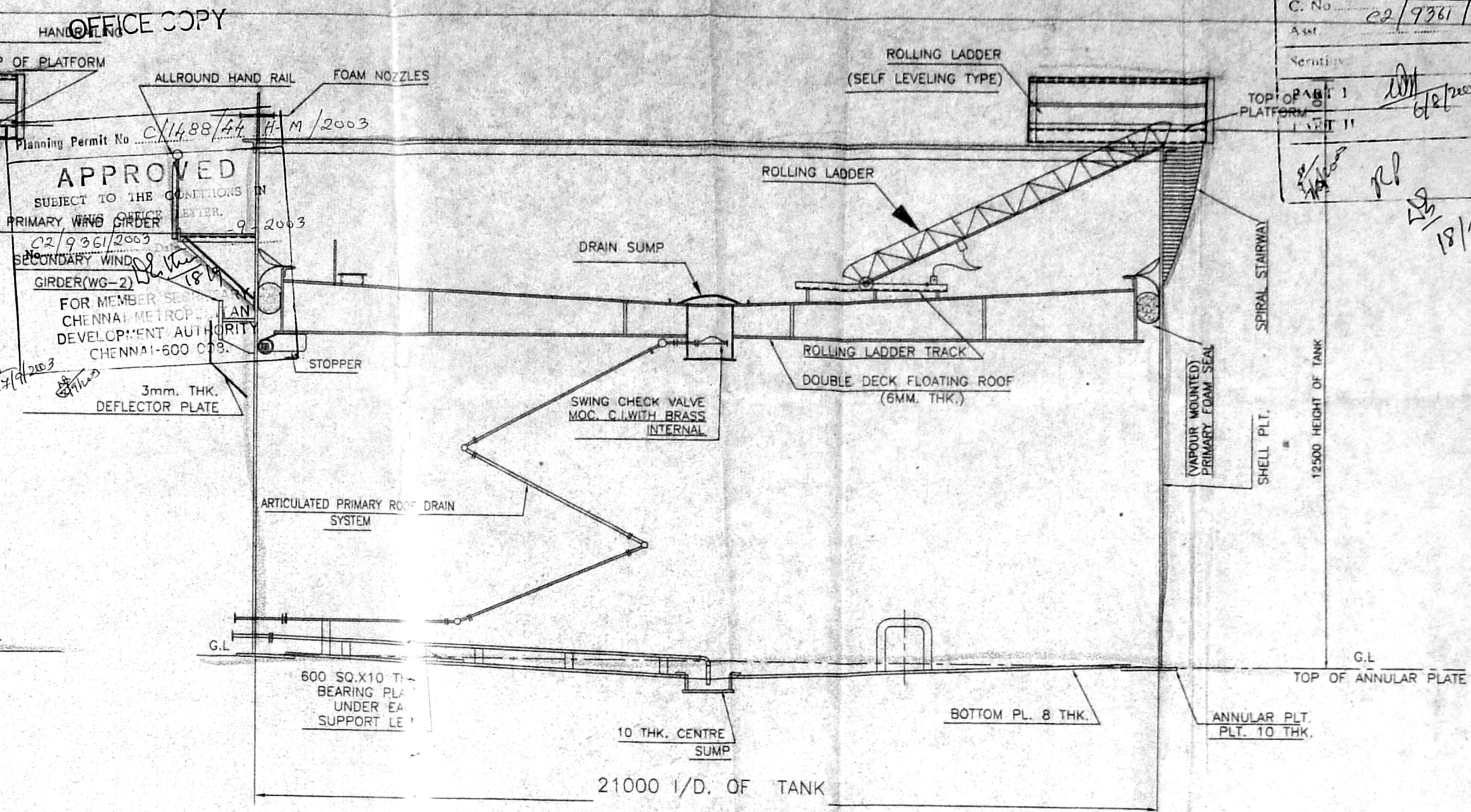
ARCHITECT  
R.SATHYANARAYANA, b.arch. a.i.a

R. SATHYANARAYANA, B.Arch, A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/66/SE95  
NO: 55 (OLD U-12) 4th MAIN ROAD,  
ANNA NAGAR, CHENNAI 600 040.

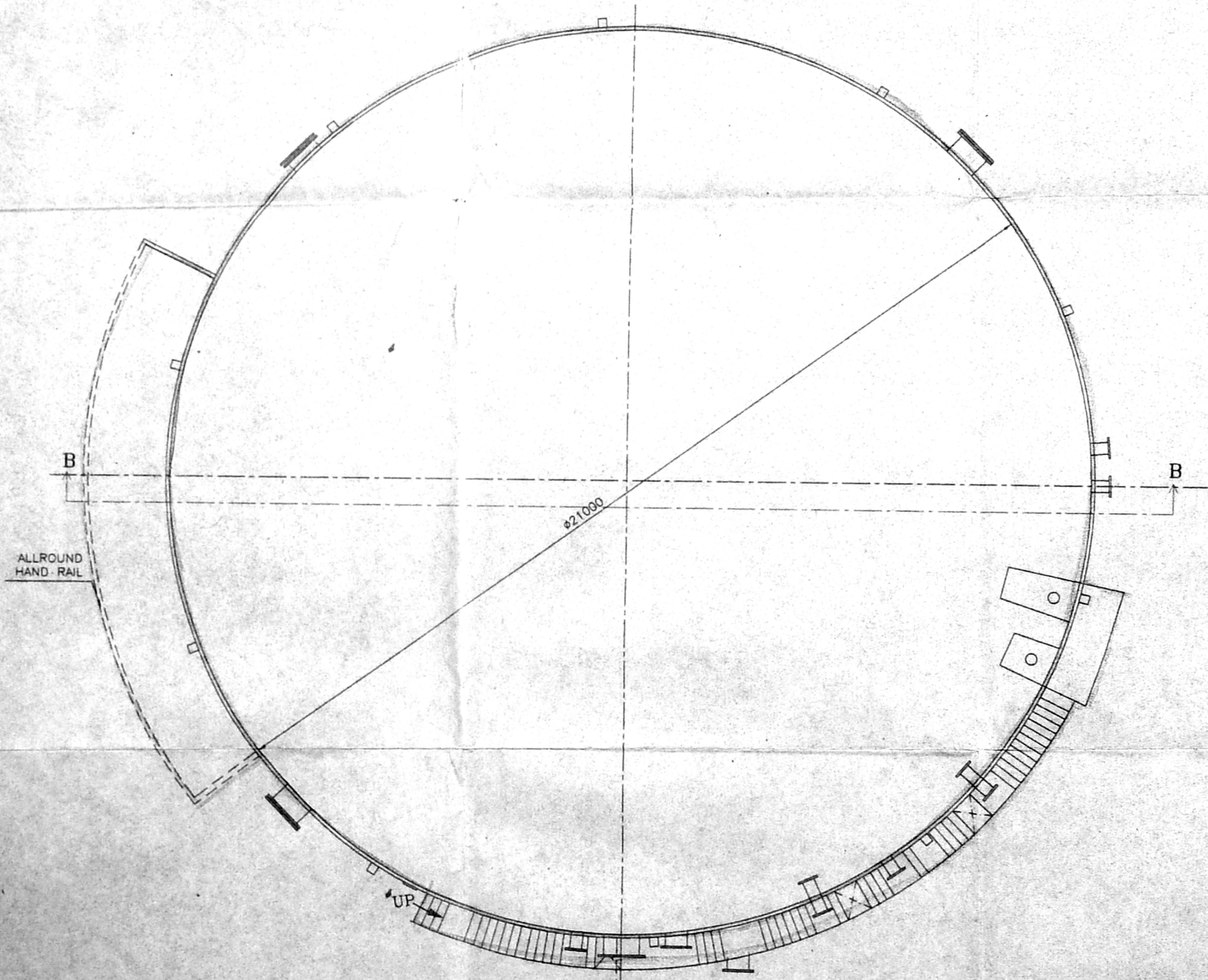
CMDA 'C' / PP No. 1  
 C. No. 22/9361/2003  
 Serial No. 18/9  
 Date 18/9/03  
 D.P.



ELEVATION



SECTION-BB



PLAN

PROPOSED CONSTRUCTION OF  
 PETROLEUM PRODUCTS PROCESSING &  
 STORAGE TANK TERMINAL FOR  
**RELIANCE INDUSTRIES LIMITED**  
 IN 1183/1,2, 1184, 1185,1189/1,1189/2,  
 1190/1,2, 1191/1, 1191/2, 1192,  
 1193/1,2,3&1194 OF VALLUR VILLAGE,  
 MINJUR PANCHAYAT UNION.

PONNERI TALUK, THIRUVALLUR DISTRICT.

M - HSD2 STORAGE TANK

JOB NO : 857      DATE : 25-08-03

COLOUR INDEX

PROPOSED

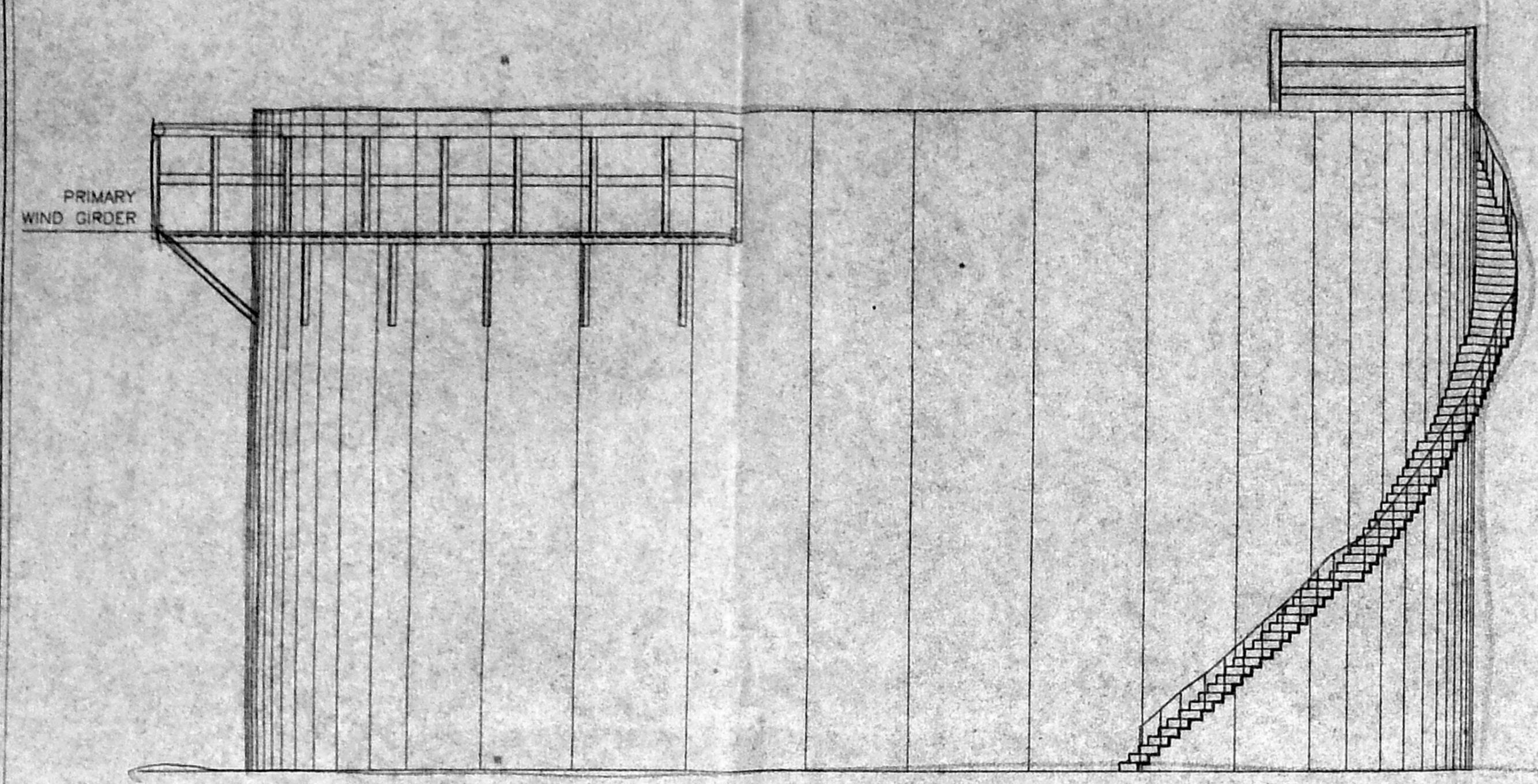
➔ N      SHEET NO: 8/13

For RELIANCE INDUSTRIES LTD  
*(Signature)*  
 Authorised Signatory  
 OWNER'S SIGNATURE

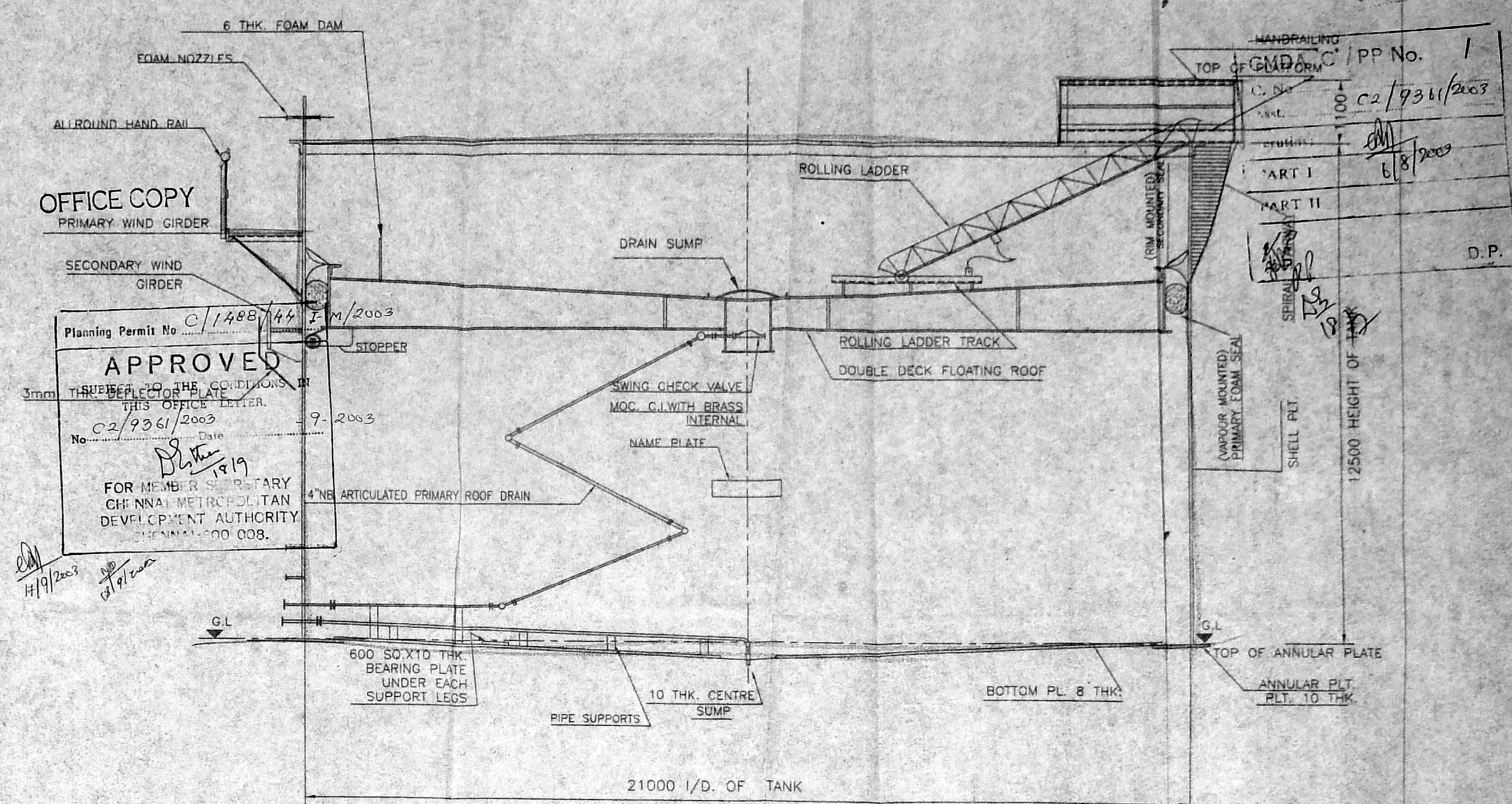
ARCHITECT  
**R.SATHYANARAYANA,**      b.arch. a.i.i.a ..

*(Signature)*  
 R. SATHYANARAYANA, B.Arch. A.I.I.A.  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/EG/9635  
 NO: 55 (OLD U-12) 4th MAIN ROAD  
 ANNA NAGAR, CHENNAI-600 040.

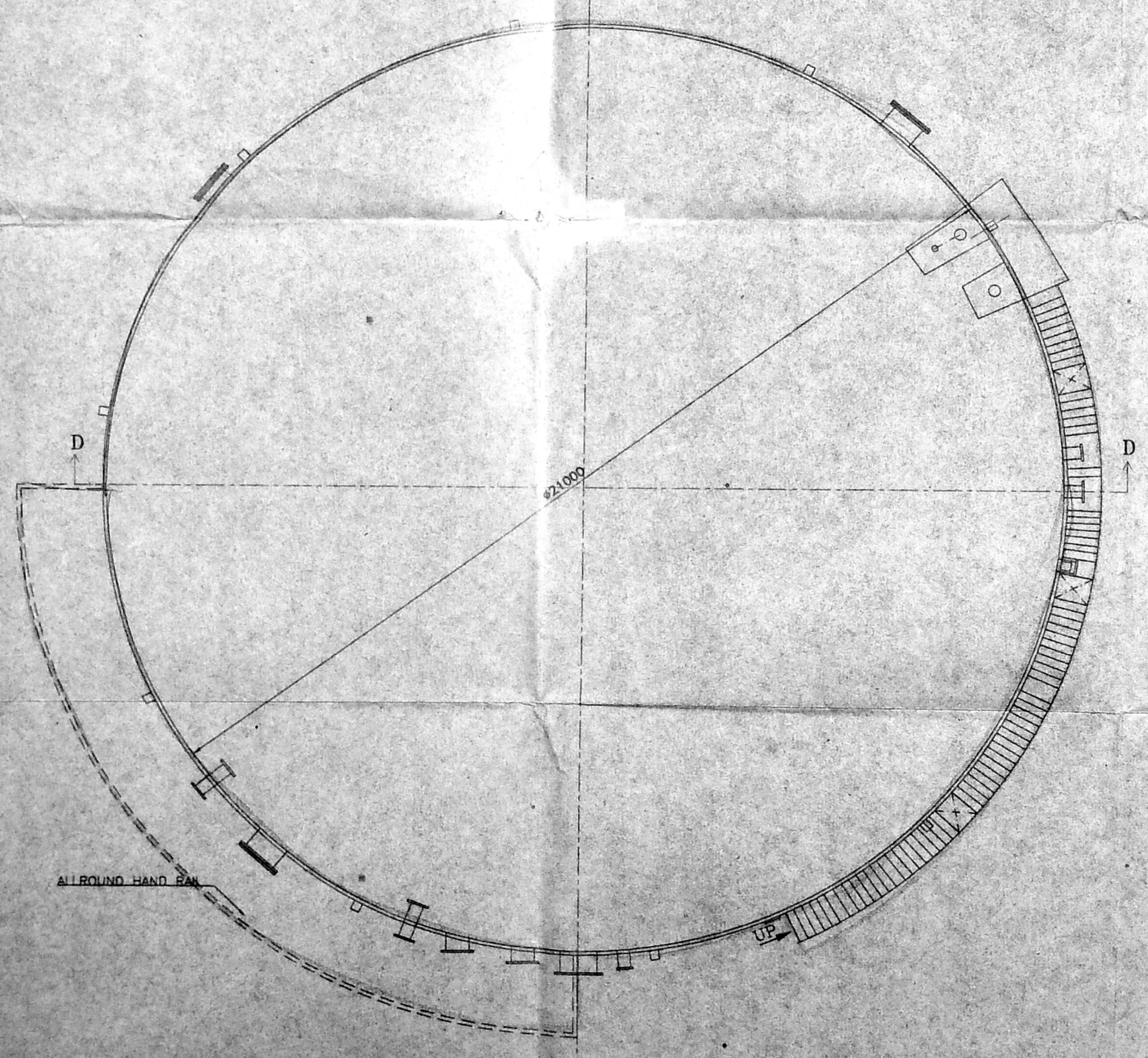




ELEVATION



SECTION 'DD'



PLAN

Planning Permit No. C/1408/44/F.M/2003  
**APPROVED**  
 THIS DRAWING IS TO BE CONSIDERED AS PER THE CONDITIONS IN THIS OFFICE LETTER.  
 No. C2/9361/2003 Date 18/11/2003  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN  
 DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

HANDRAILING  
 TOP OF G.M.D. FORM C  
 PP No. 1  
 C. No. C2/9361/2003  
 PART I  
 PART II  
 D.P.  
 12500 HEIGHT OF TANK

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING AND STORAGE TANK TERMINAL FOR **RELIANCE INDUSTRIES LIMITED** IN 1183/1,2, 1184, 1185, 1189/1,1189/2, 1190/1,2, 1191/1, 1191/2, 1192, 1193/1,2,3&1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT

GENERAL ARRANGEMENT FOR MSI STORAGE TANKS - O

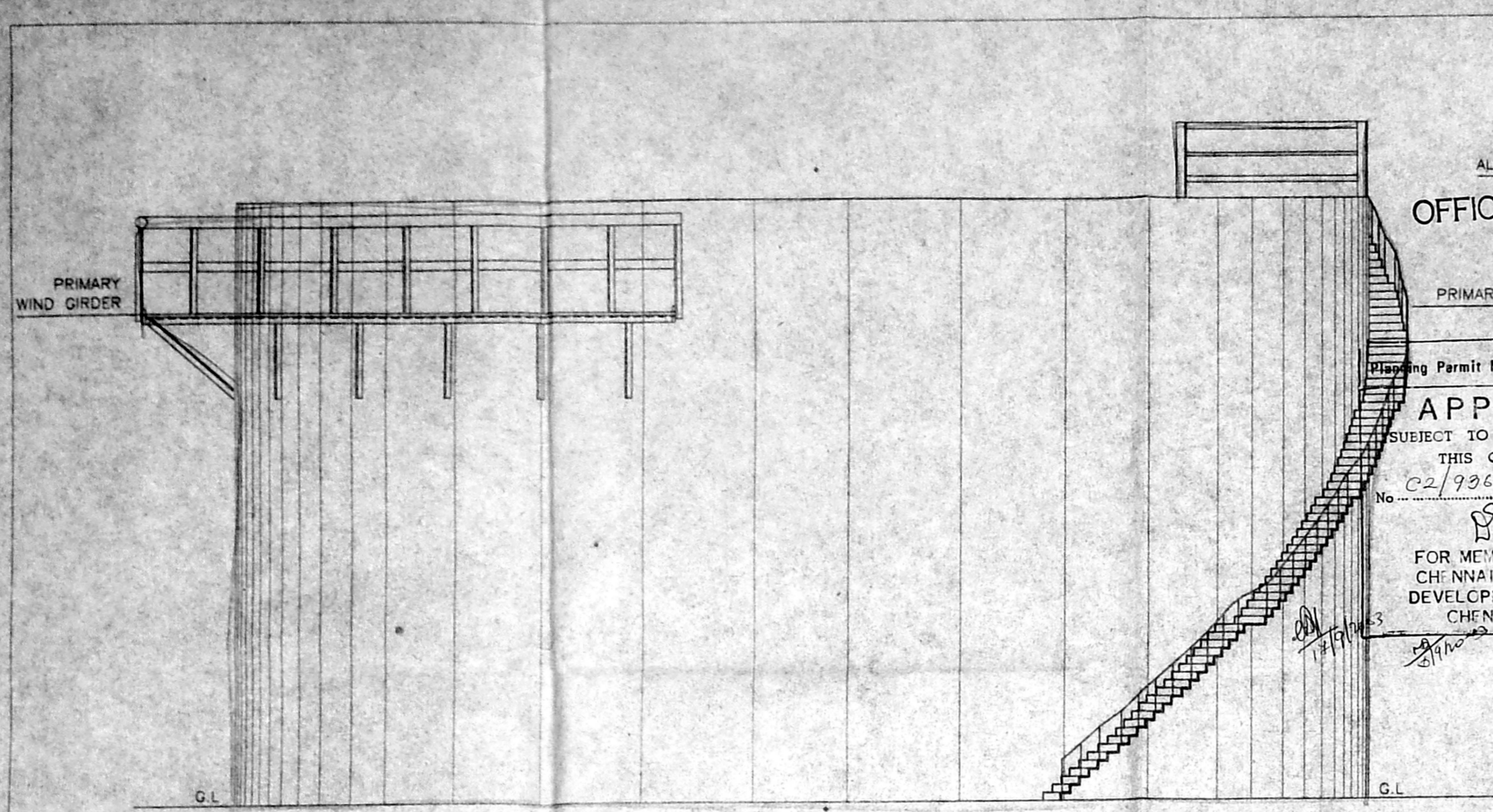
JOB NO. 857 DATE: 25-06-03

COLOUR INDEX  
 PROPOSED  
 N  
 SHEET NO: 9/13

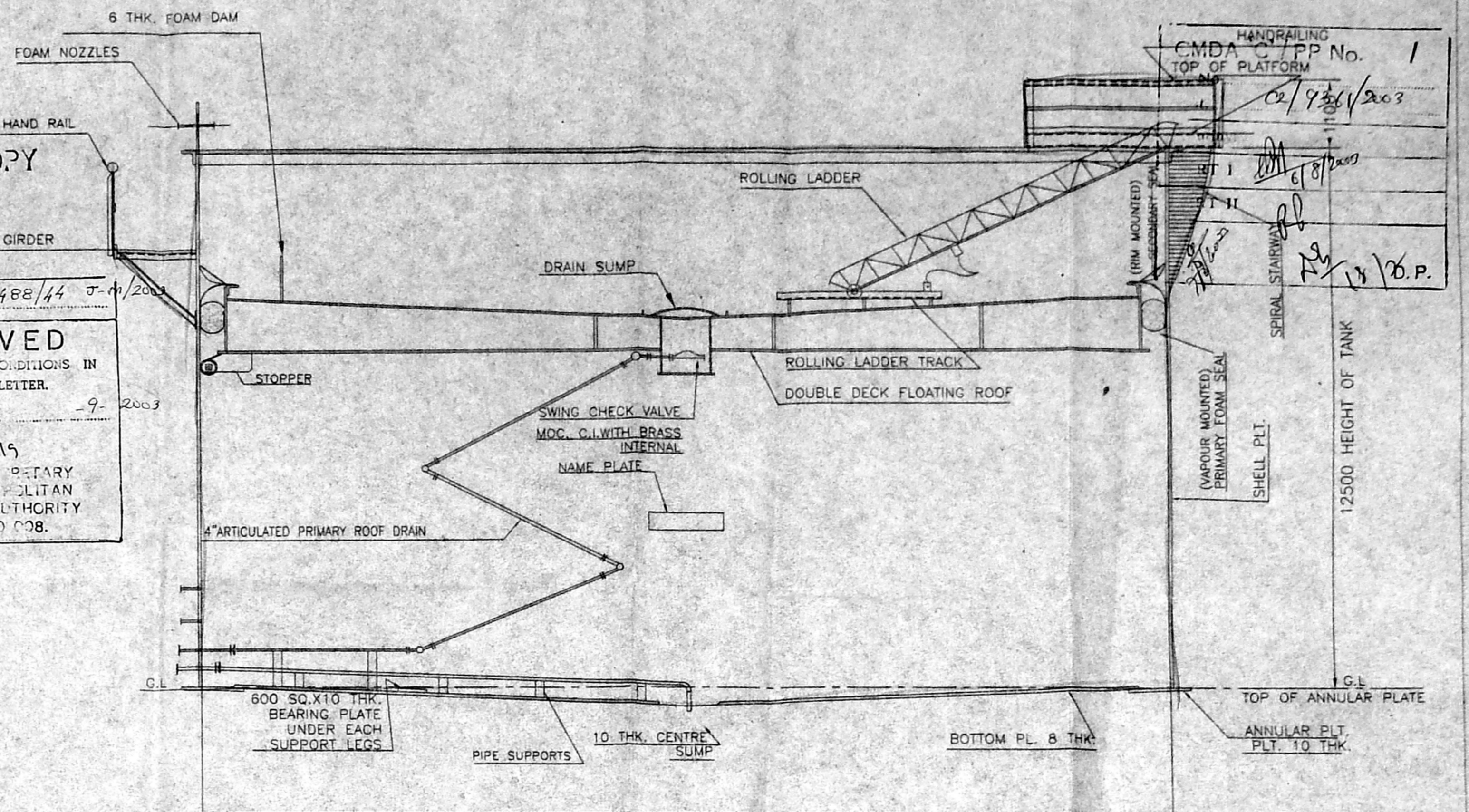
For RELIANCE INDUSTRIES LTD  
 Authorised Signatory  
 OWNER'S SIGNATURE

ARCHITECT  
**R.SATHYANARAYANA**, b.arch. a.i.a.

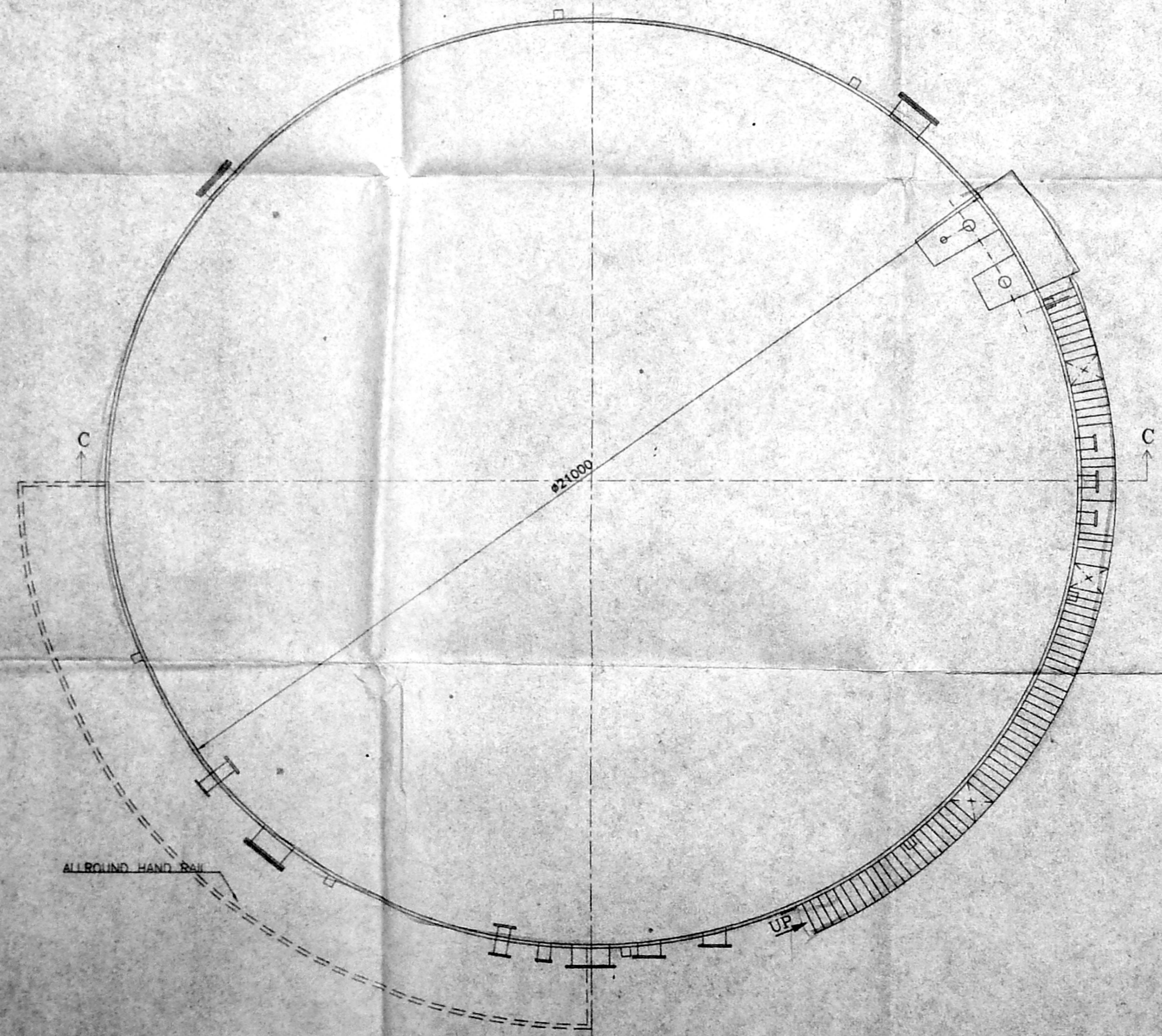
R. SATHYANARAYANA, B.Arch., A.I.A.  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/186/9855  
 NO: 55 (OLD U-12) 4th MAIN ROAD,  
 ANNA NAGAR, CHENNAI-600 040.



ELEVATION



SECTION 'C-C'



PLAN

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING AND STORAGE TANK TERMINAL FOR

**RELIANCE INDUSTRIES LIMITED**

IN 1183/1,2,1184, 1185, 1189/1, 1189/2, 1190/1,2, 1191/1, 1191/2, 1192, 1193/1,2,3&1194 OF VALLUR VILLAGE, MINJUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT.

N - MS2 STORAGE TANK

JOB NO: 857      DATE: 25-06-03

COLOUR INDEX

PROPOSED

➔ N

SHEET NO: 10/13

For RELIANCE INDUSTRIES LTD

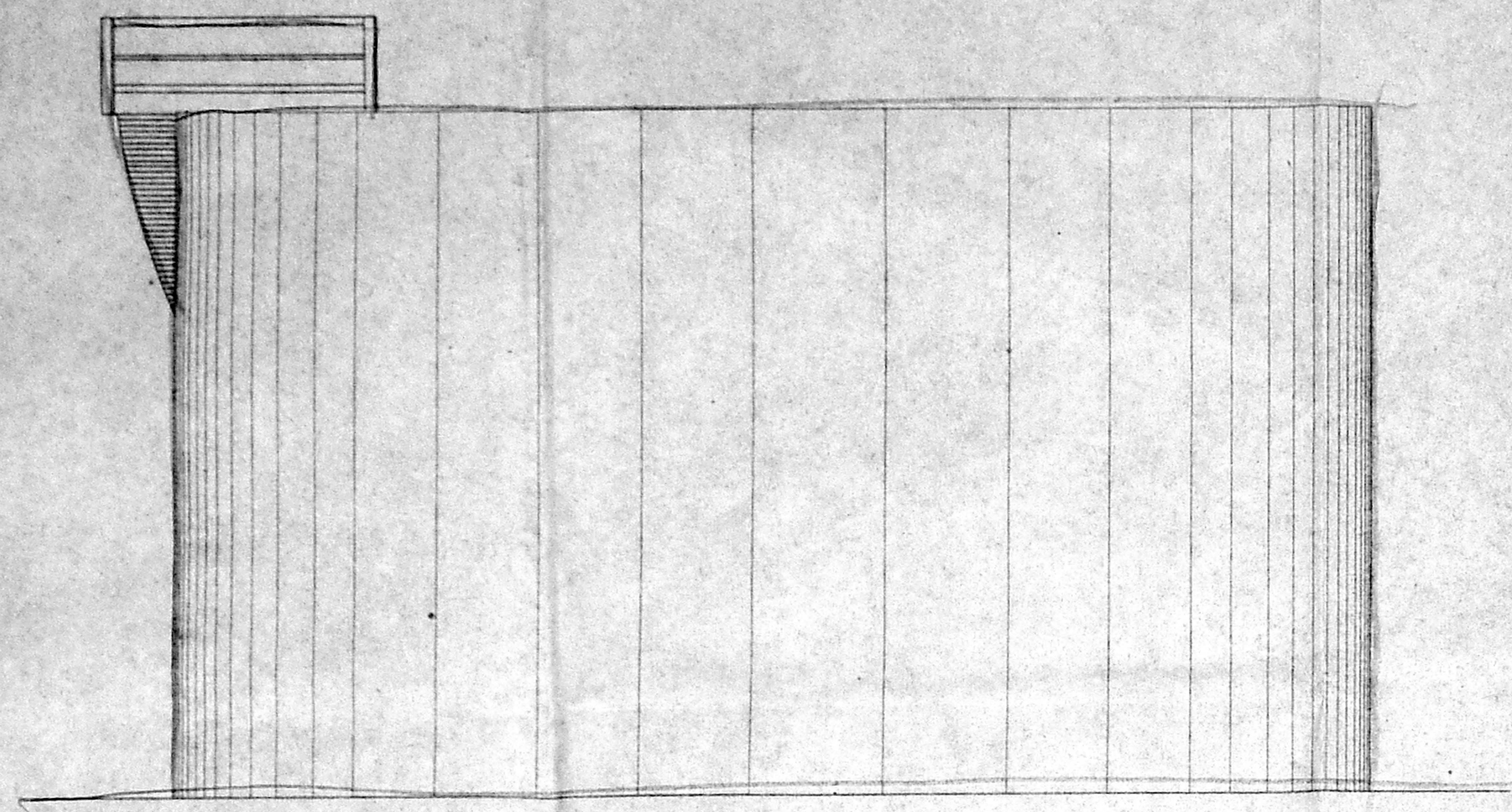
*[Signature]*  
Authorised Signatory  
OWNER'S SIGNATURE

ARCHITECT

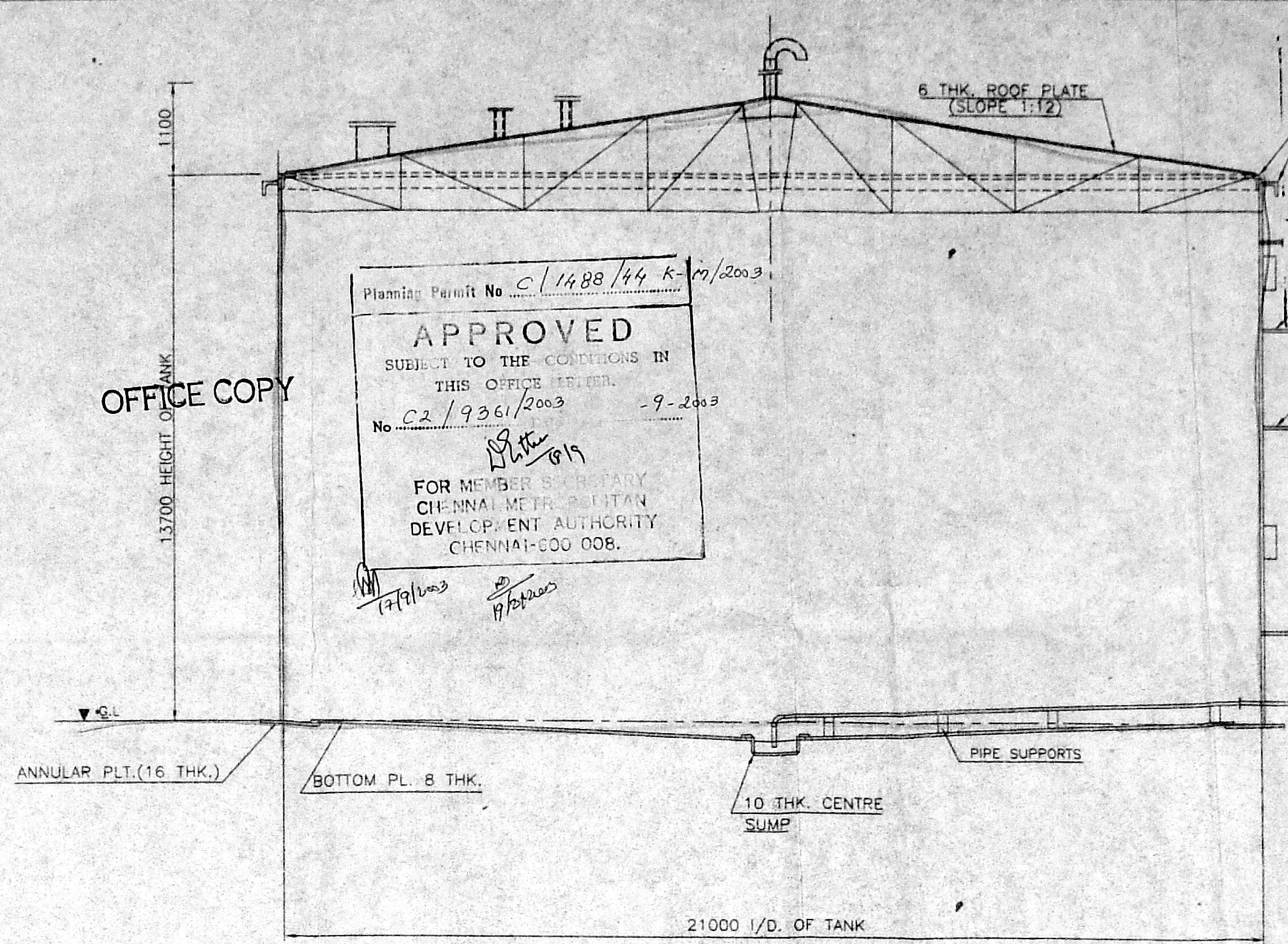
**R.SATHYANARAYANA,**      b.arch. a.i.a.

*[Signature]*

R. SATHYANARAYANA, B.A.R.C.H., A.I.A.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/16/9895  
NO. 55 (OLD U-12) 4<sup>th</sup> MAIN ROAD,  
ANNA NAGAR, CHENNAI-600 040.



ELEVATION



SECTION - 'EE'

OFFICE COPY

Planning Permit No. C/14,88/44 K-m/2003

**APPROVED**

SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.

No. C2/9361/2003 -9-2003

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

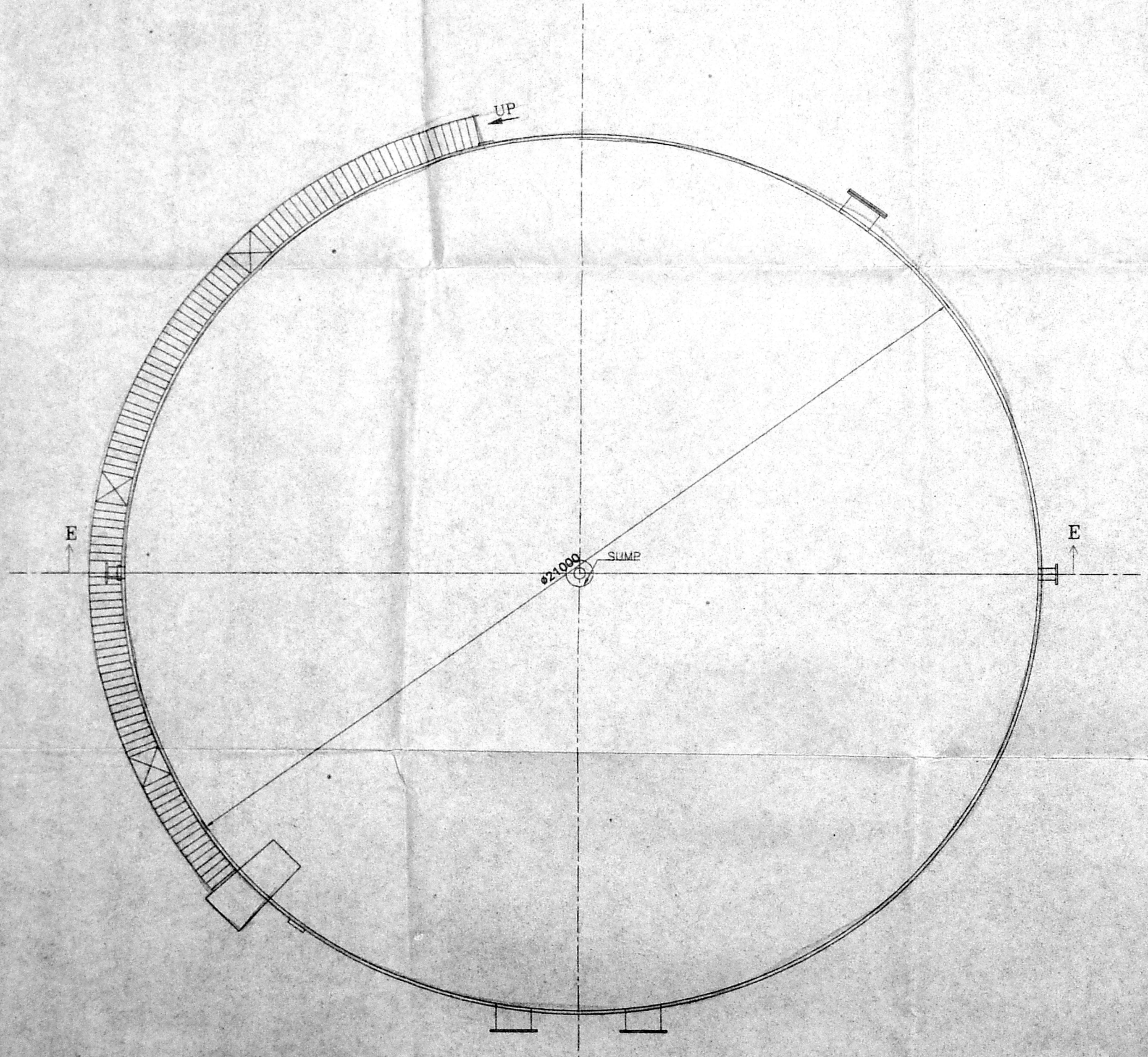
CMDA 'C' / PP No. C2/9361/2003

C. S. CURB ANGLES

DATE: 6/8/2003

APPROVED BY: [Signature]

D.P.



PLAN

PROPOSED CONSTRUCTION OF  
PETROLEUM PRODUCTS PROCESSING &  
STORAGE TANK TERMINAL FOR  
**RELIANCE INDUSTRIES LIMITED**  
IN 1183/1,2, 1184, 1185, 1189/1,  
1190/1,2, 1191/1, 1191/2, 1192,  
1193/1,2,3&1194 OF VALLUR VILLAGE,  
MINJUR PANCHAYAT UNION,  
PONNERI TALUK, THIRUVALLUR DISTRICT.

FIRE WATER TANK (21MX13.70M) - P

JOB NO : 657      DATE: 25-06-03

COLOUR INDEX

PROPOSED

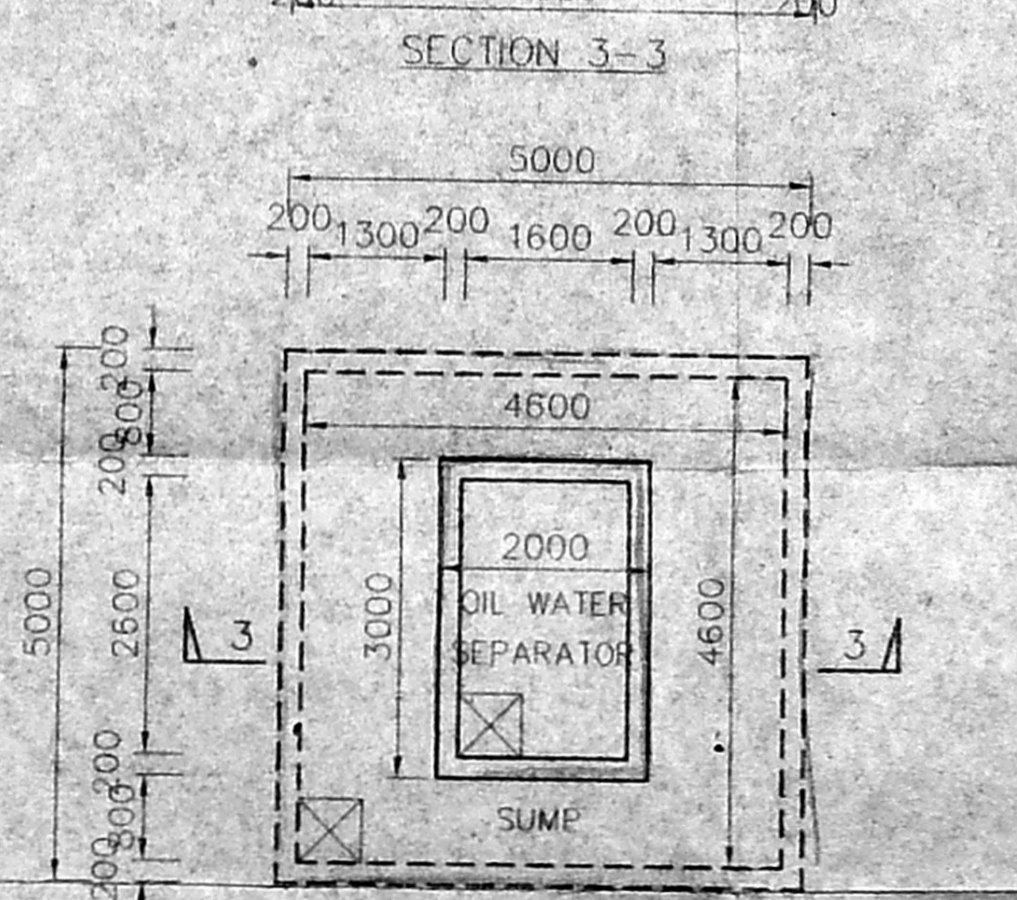
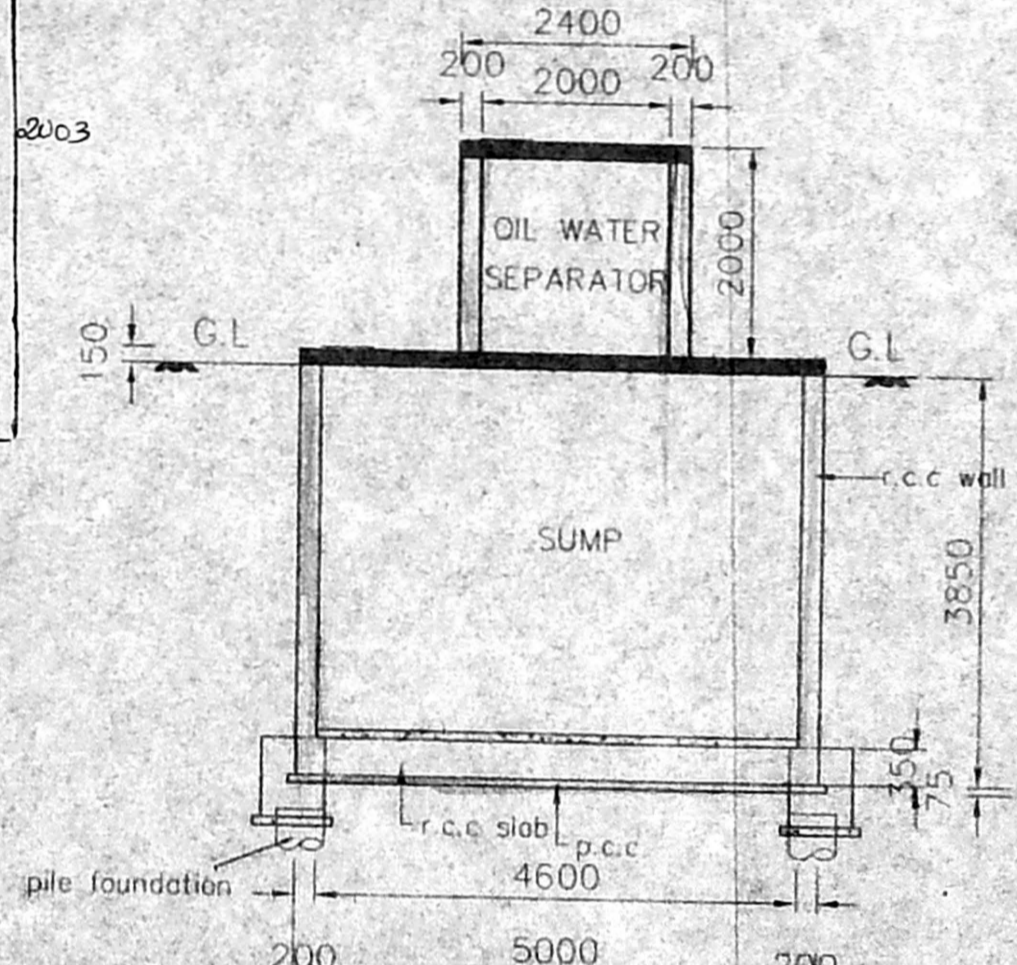
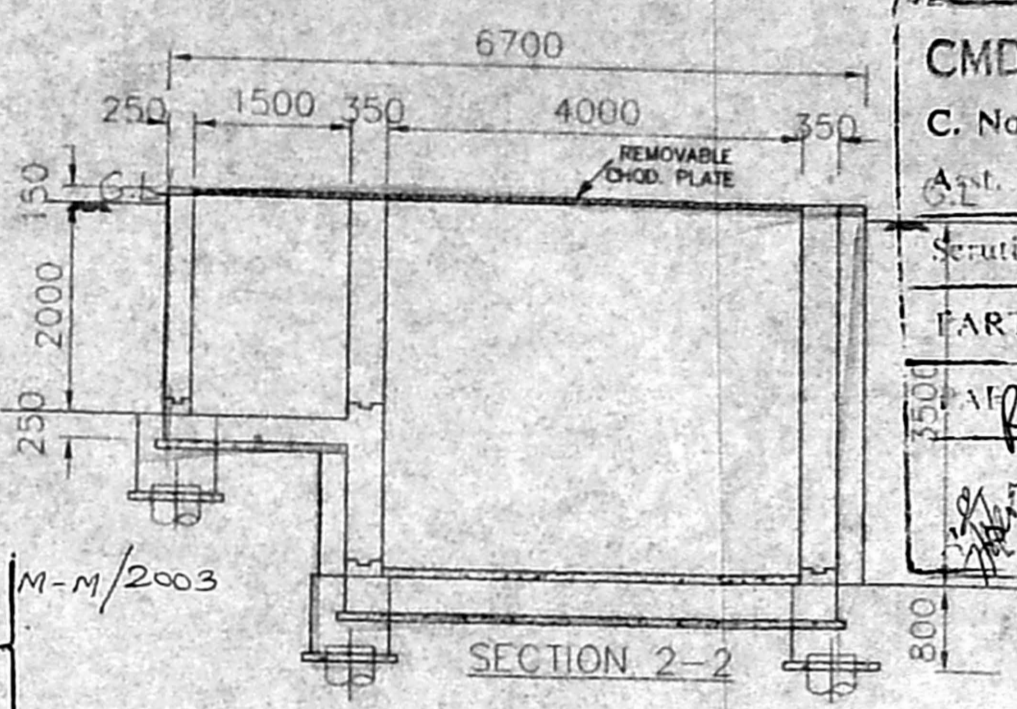
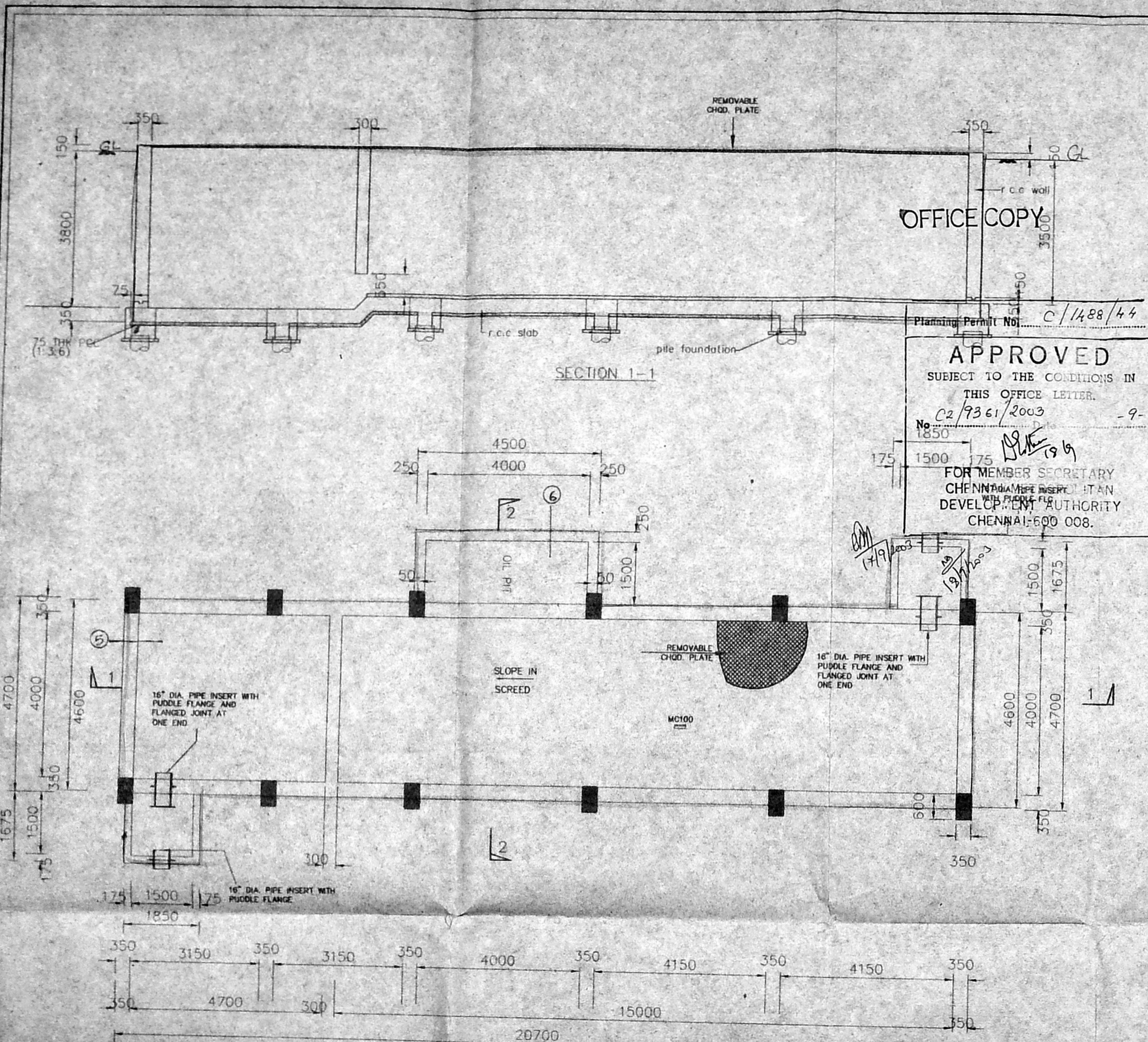
N      SHEET NO: 11/13

For RELIANCE INDUSTRIES LTD  
[Signature]  
Authorised Signatory  
OWNER'S SIGNATURE

ARCHITECT  
**R.SATHYANARAYANA,** B.arch, a.i.a ..

R. SATHYANARAYANA, B.Arch, A.I.A.  
REGISTERED ARCHITECT  
COUNCIL OF ARCHITECTURE  
CA/86/9695  
NO:55 (OLD U-12) 4<sup>th</sup> MAIN ROAD,  
ANNA NAGAR, CHENNAI-600 040.





**CMDA 'C' / P.P. No. 1**  
**C. No. C2/9361/2003**  
**Asst. Commr. M/M**  
**Serial: 7.3**  
**PART 1**  
**APPH**  
**D.P.**

**APPROVED**  
 SUBJECT TO THE CONDITIONS IN THIS OFFICE LETTER.  
 No. C2/9361/2003 - 9-2003  
 FOR MEMBER SECRETARY  
 CHENNAI METROPOLITAN DEVELOPMENT AUTHORITY  
 CHENNAI-600 008.

**SPECIFICATIONS**

- R.C.C FOOTING & COLUMN IN CONCRETE 1:2:4
- SUPER STRUCTURE BRICKWORK SET DEMI 5
- WORK LINTERS BEAMS PRECASTED G.I SHEET
- R.C.C SLAB OF FLOOR-LEVELLING COURSE
- P.C.C SLAB IN BASEMENT FOR FOUNDATION
- JOINERY WITH ALUMINIUM DOOR
- 7.3 COATS OF CEMENT PAINT TO INSIDE & OUTSIDE WALLS
- 2 COATS OF ENAMEL PAINTS OVER ONE COAT OF PRIMER FOR JOINERY, GRILLEWORK, ETC.

PROPOSED CONSTRUCTION OF PETROLEUM PRODUCTS PROCESSING & STORAGE TANK TERMINAL FOR **RELIANCE INDUSTRIES LIMITED** IN 1183/1.2, 1184, 1185, 1189/1, 1189/2, 1190/1.2, 1191/1, 1191/2, 1192, 1193/1.2.3 & 1194 OF VALLUR VILLAGE, MINUR PANCHAYAT UNION, PONNERI TALUK, THIRUVALLUR DISTRICT

X - SUMP DETAIL  
 Q - OIL WATER SEPARATOR

JOB No. 857 SCALE 1:100

**CLOUR INDEX**

PROPOSED

SHEET NO. 13/13

For **RELIANCE INDUSTRIES LTD**

Authorised Signatory

OWNER'S SIGNATURE

ARCHITECT  
**R. SATHYANARAYANA**, b.arch. a.i.a.

**R. SATHYANARAYANA**, B.Arch., A.I.A.  
 REGISTERED ARCHITECT  
 COUNCIL OF ARCHITECTURE  
 CA/86/9695  
 NO: 55 (OLD U-12) 4th MAIN ROAD,  
 ANNA NAGAR, CHENNAI-600 040.

**PLAN OF SUMP (X)**

No	DESCRIPTION	H.P	NOS	TOTAL H.P
5	CWS TRANSFER PUMP (WATER SIDE)	20	2	40
6	CWS TRANSFER PUMP (OIL SIDE)	3	2	6

**PLAN OF OIL WATER SEPARATOR (Q)**