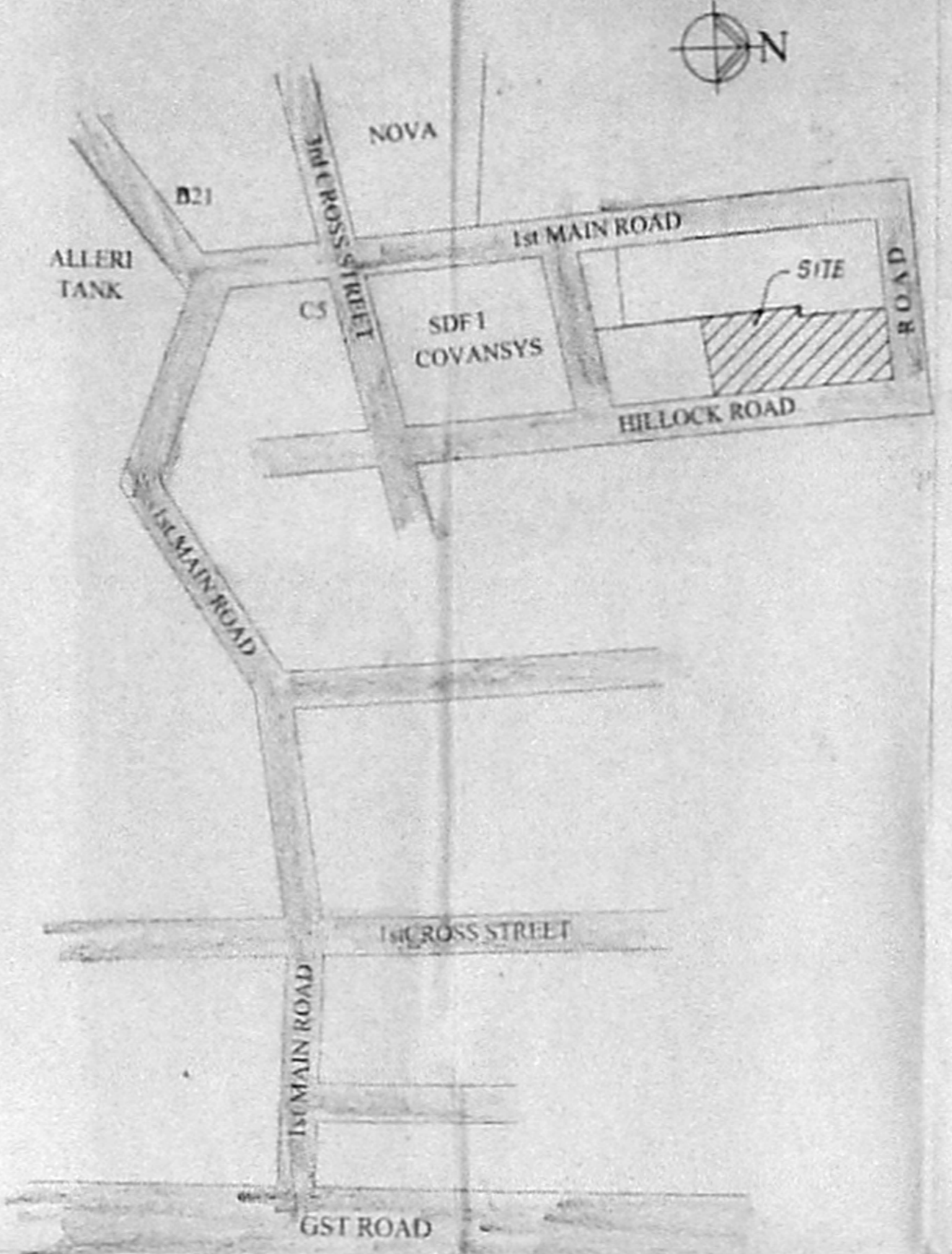
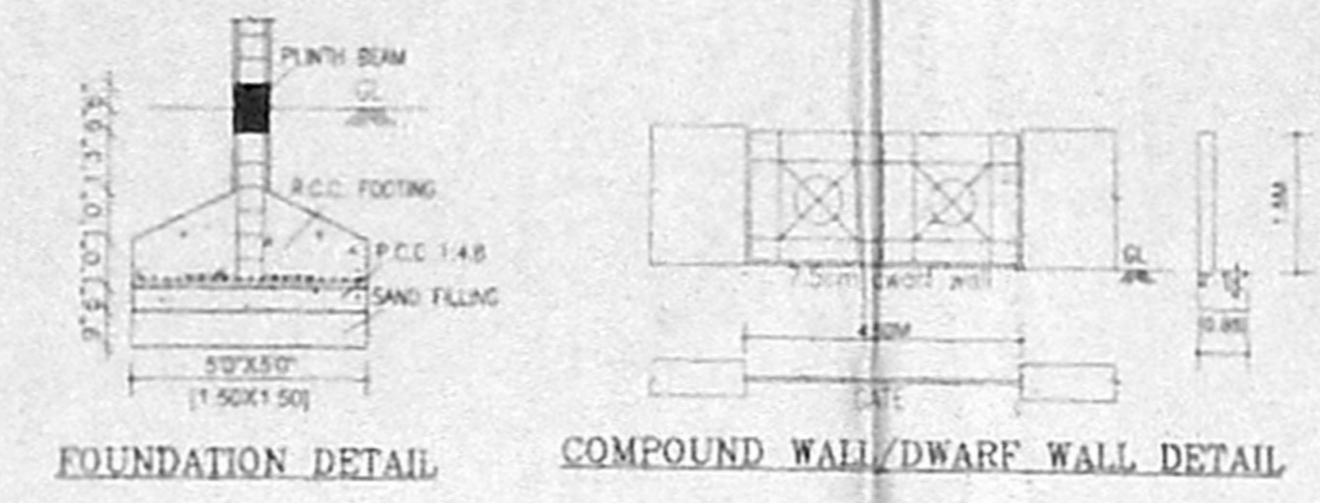
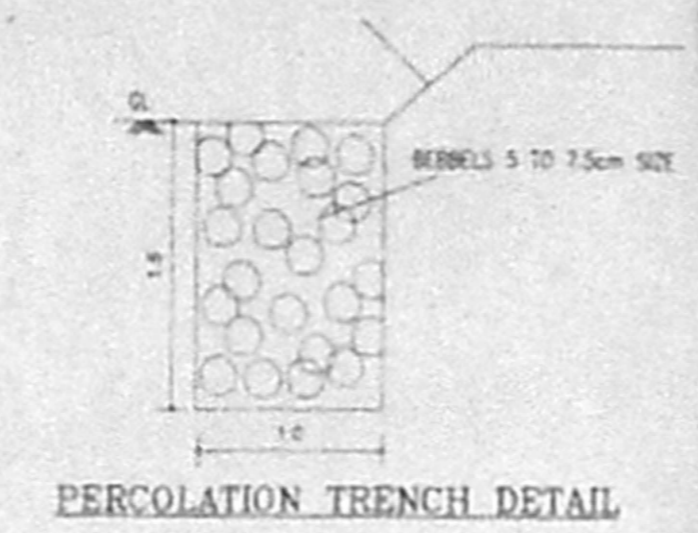
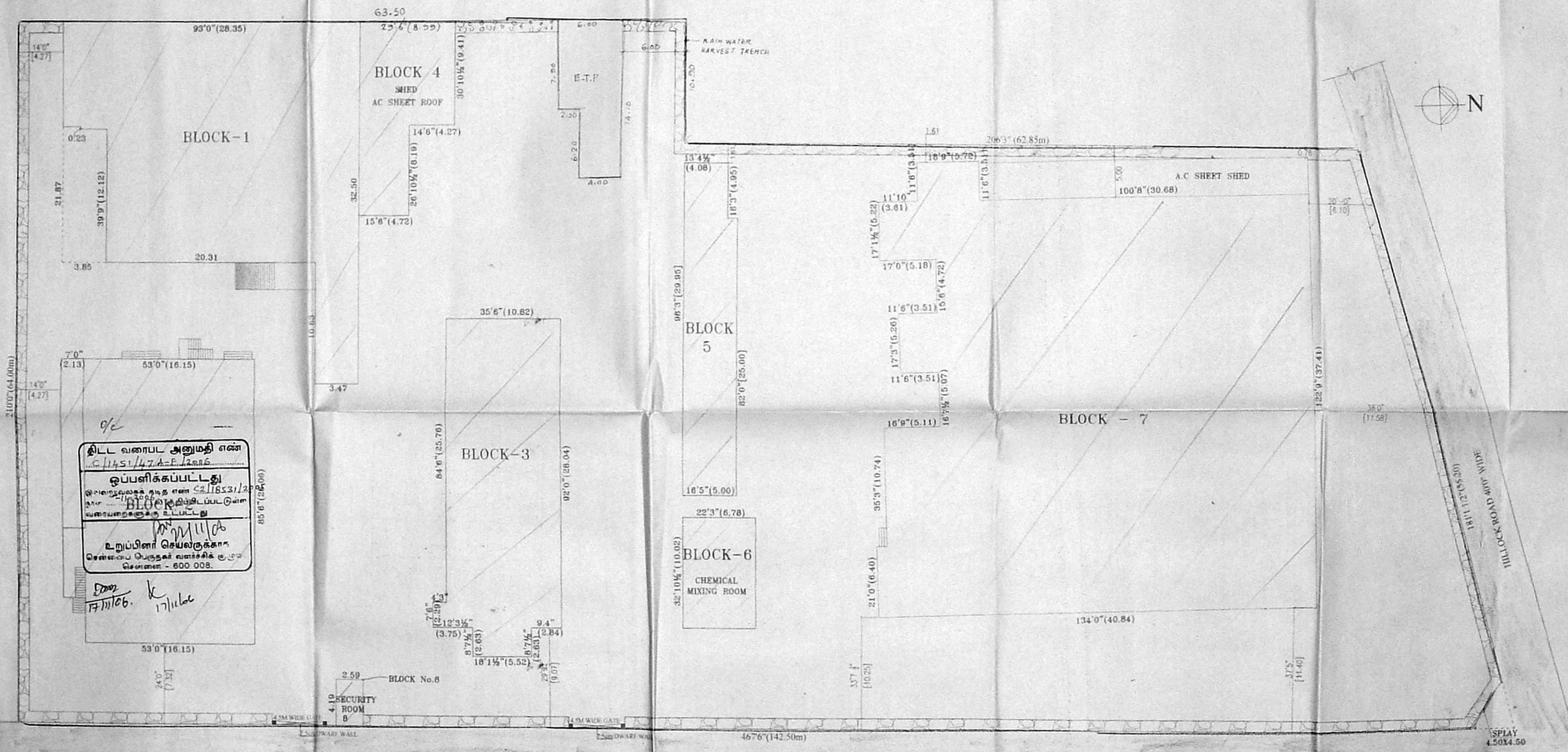


2. 2. 2016
 2. 2. 2016
 2. 2. 2016
 2. 2. 2016
 2. 2. 2016



PLAN SHOWING THE EXISTING
 BUILDING TO BE REGULARISED
 IN S NO .164 / 1 AT PLOT NO. A 19 PH
 A 20, A 21, A 24 MEPZ, KADAPPERI
 VILLAGE, TAMBARAM TALUK,
 KANCHEEPURAM DISTRICT,
 TAMBARAM MUNICIPALITY.
 FOR. M/S. S. F. PATEL & SONS
 (INDIA)



தில்ல வரைபட அனுமதி எண்
 C 11451/147 A-E 12016
 ஒப்பளிக்கப்பட்டது
 உறுப்பினர் செயலகங்கள்
 சென்னை - 600 005

AREA STATEMENT	SQFT	SQ.M
PLOT EXTENT	7652.22	
BLOCK-1		
GROUND FLOOR	7143.56	663.64
BLOCK-2		
GROUND FLOOR	5315.37	493.80
FIRST FLOOR	5315.37	493.80
SECOND FLOOR	5315.37	493.80
HEAD ROOM	178.12	16.55
BLOCK-3		
GROUND FLOOR	3454.20	320.89
BLOCK-4		
GROUND FLOOR	1327.37	123.31
BLOCK-5		
GROUND FLOOR	1564.19	145.31
BLOCK-6		
GROUND FLOOR	731.47	67.15
BLOCK-7		
GROUND FLOOR	15735.00	1461.78
FIRST FLOOR	4121.50	382.89
BLOCK-8		
GROUND FLOOR	117.00	10.87

PLOT COVERAGE : 43%
 FSI : 0.61

COLOUR CODE:-
 REGULARISATION
 ROAD
 BOUNDARY

SHEET NO 1/5
 SCALE-1:200
 TOTAL NO. HP 353.50HP
 TOTAL NO. WORKERS 188Nos

For S.F. PATEL & SONS (INDIA)

OWNER'S SIGNATURE -

S. ATHIVANAN
 CHAIRMAN
 CIVIL ENGINEER
 T. V. ROAD C
 LICENSED SURVEYOR

SITE PLAN SCALE: 1"=16' 0" (1:200)

அனுமதிப் படி

செ.பெ.வ.கு. (பி) : _____
 த. நாள் : 02/13/31/2005
 31/3/2005
 உ.தி.அ. _____

D/F

PLAN SHOWING THE EXISTING BUILDING TO BE REGULARISED

IN S NO .164 / 1 AT PLOT NO. A (2/P)
 627 45-7
 A 20, A 21, A 24 MEPZ, KADAPPERI

VILLAGE, TAMBARAM TALUK,
 KANCHEEPURAM DISTRICT.

TAMBARAM MUNICIPALITY.

FOR. M/S. S. F. PATEL & SONS
 (INDIA)

JOINERY:-

TYPE	DESCRIPTION	SIZE
RS	ROLLING SHUTTER	1830x2134
D	DOOR	1096x2134
D1	-	915x2134
D2	-	762x2134
W1	WINDOW	1830x1372
W	-	1220x1372

COLOR CODE -

- REGULARISATION
- ROAD
- BOUNDARY

SHEET NO 4/5

SCALE -1:100

For S.F. PATEL & SONS (INDIA)

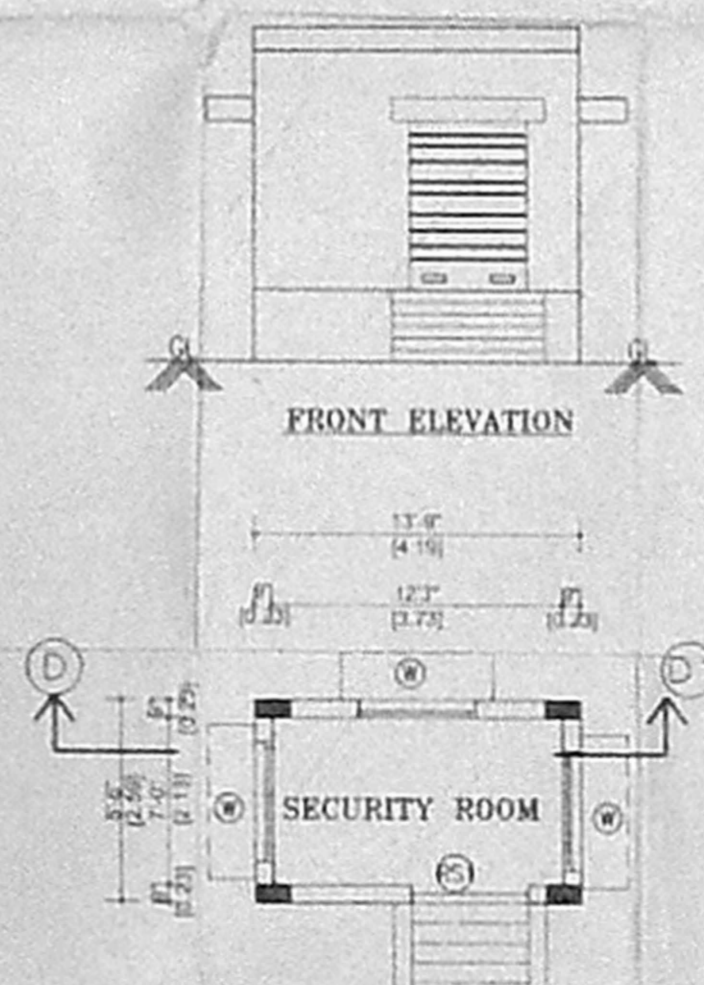
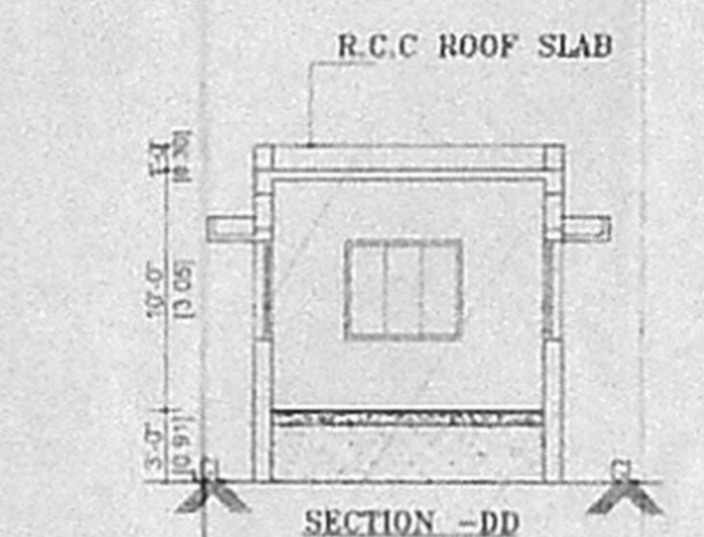
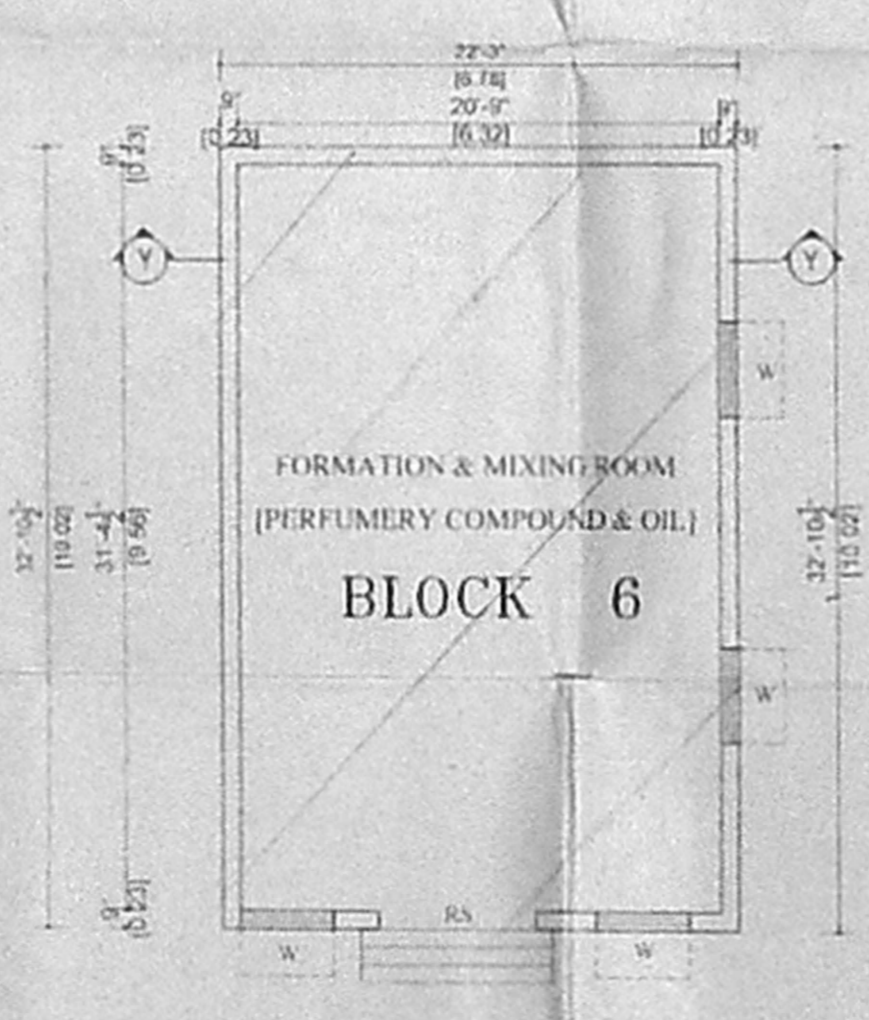
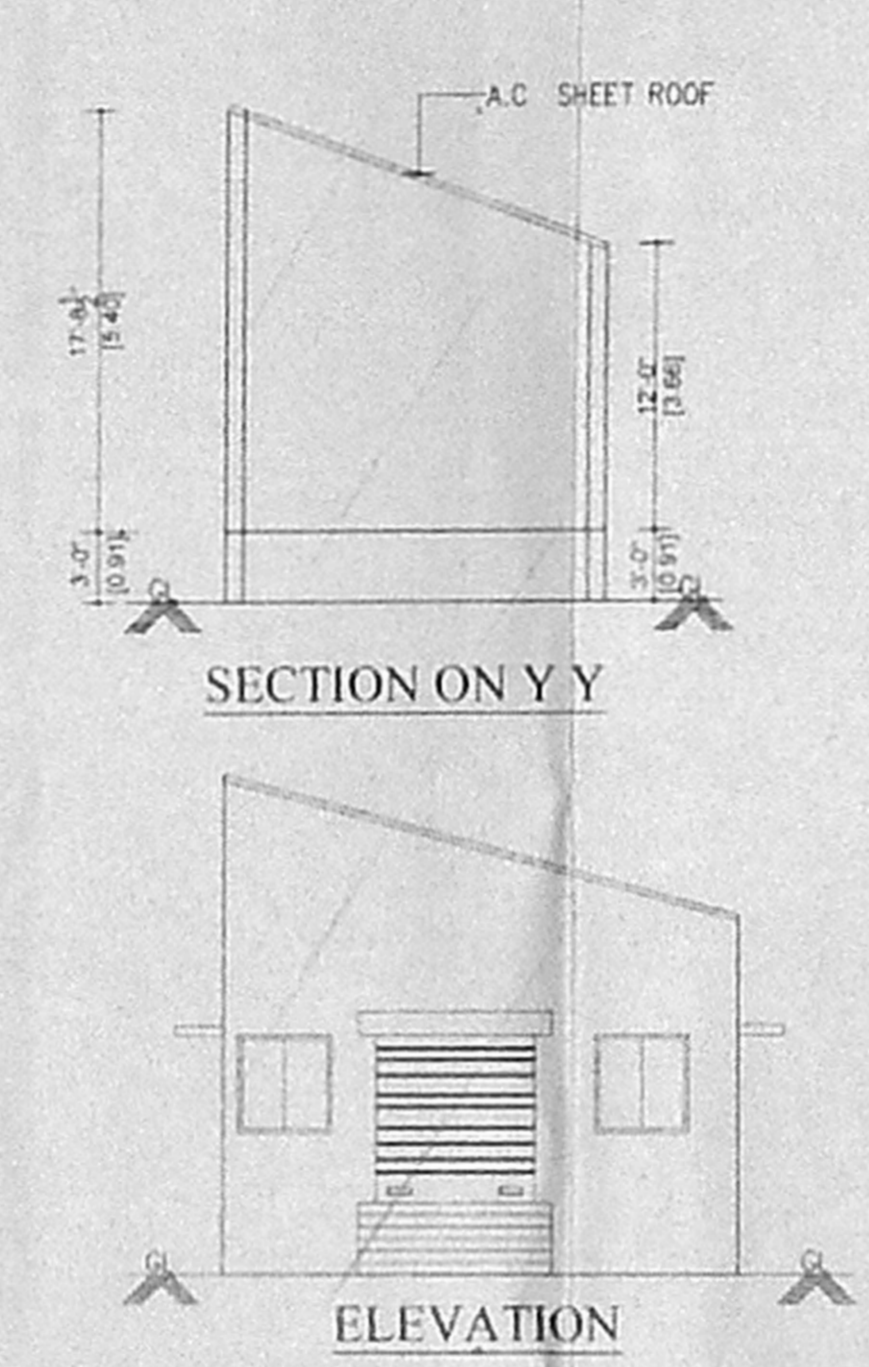
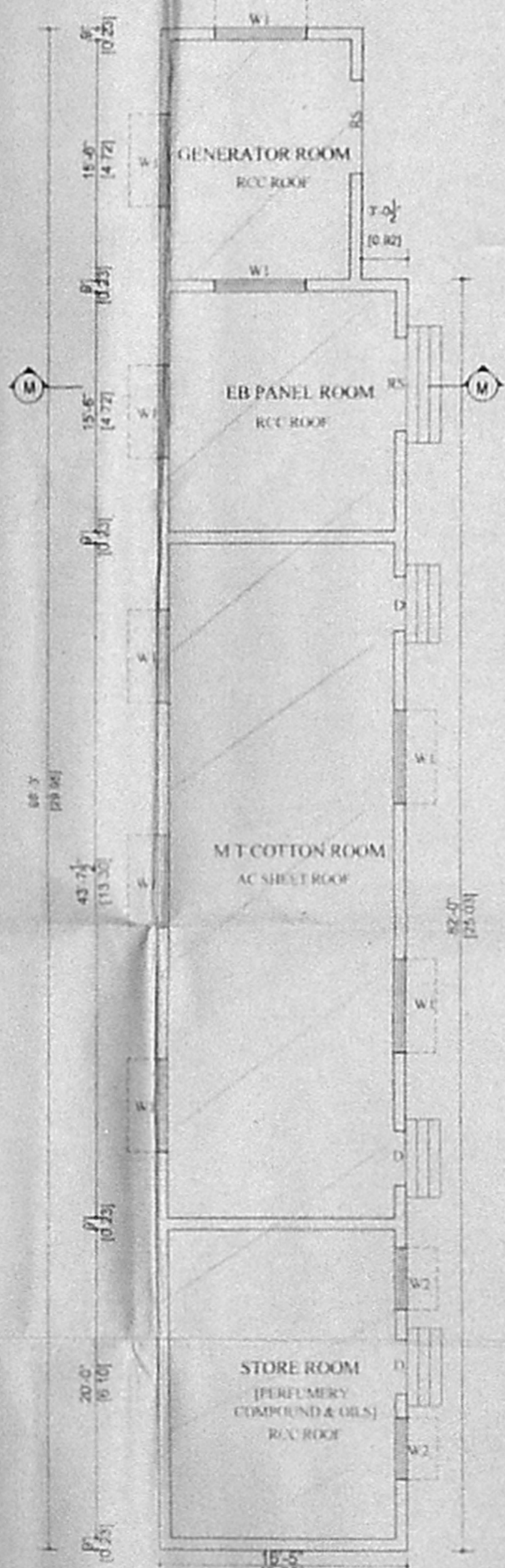
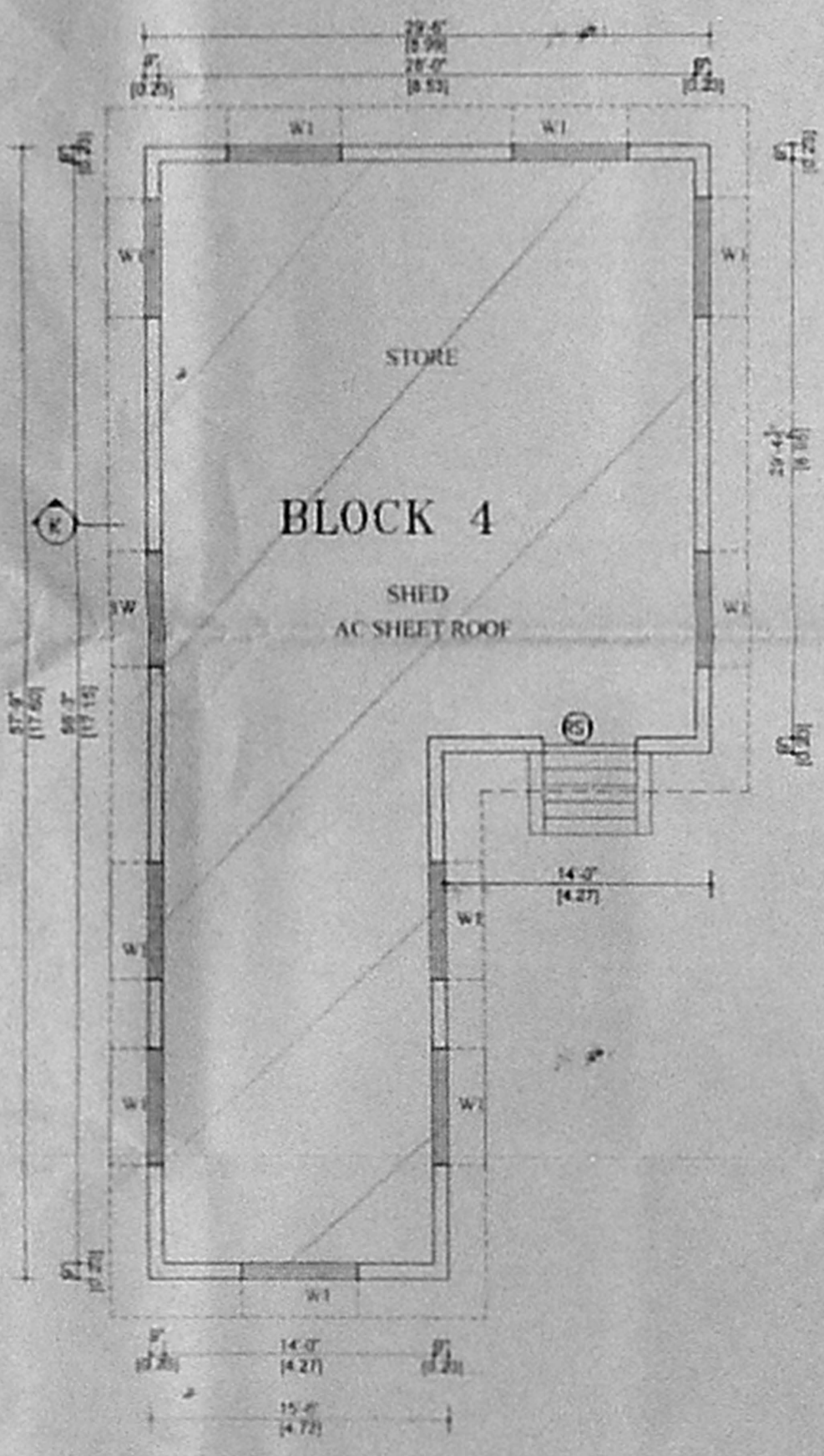
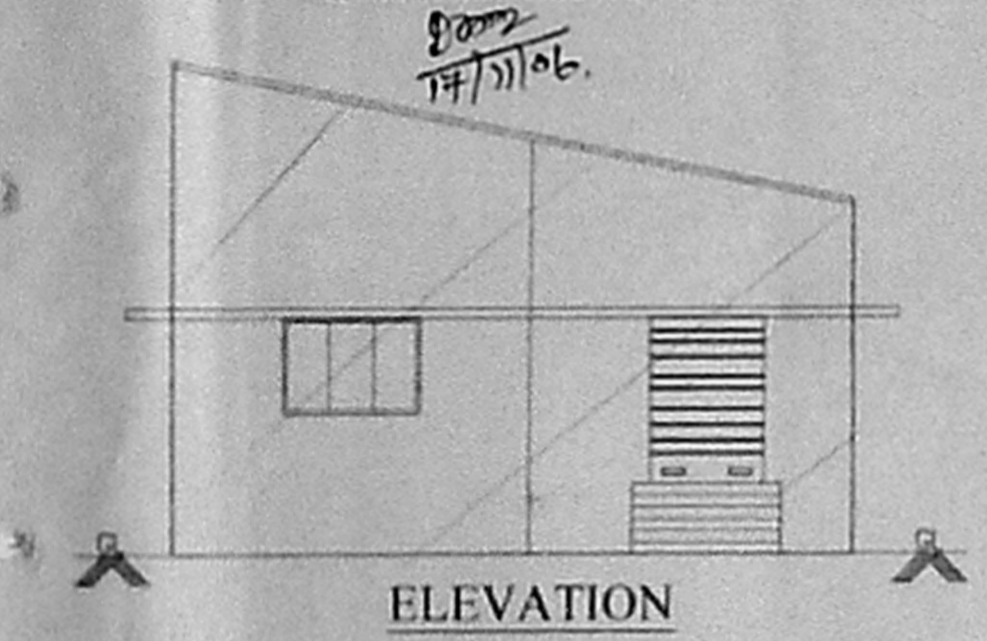
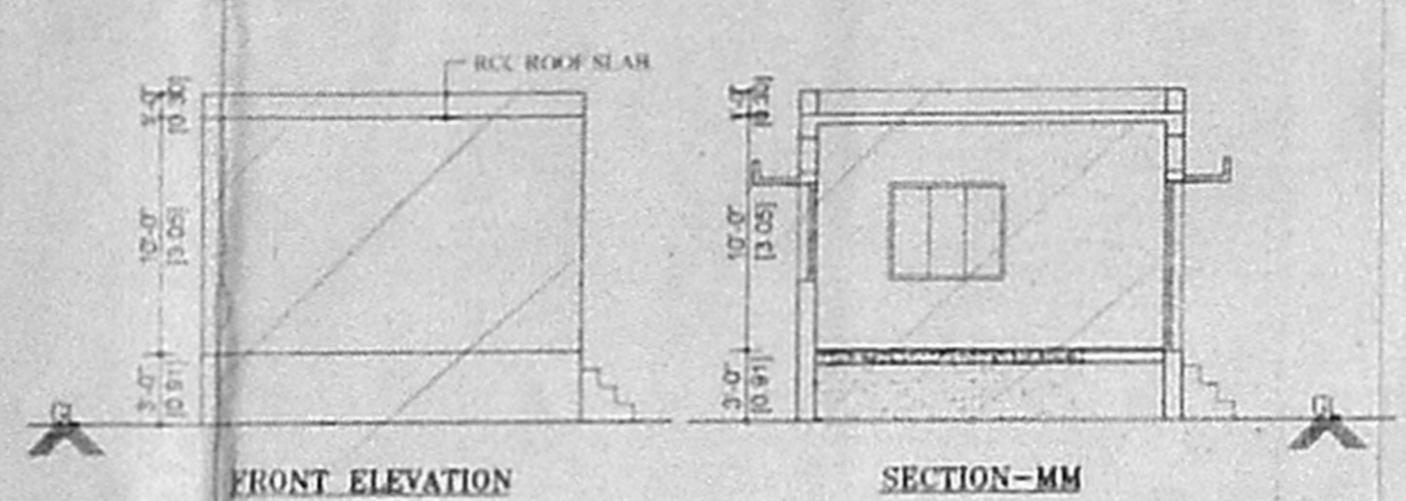
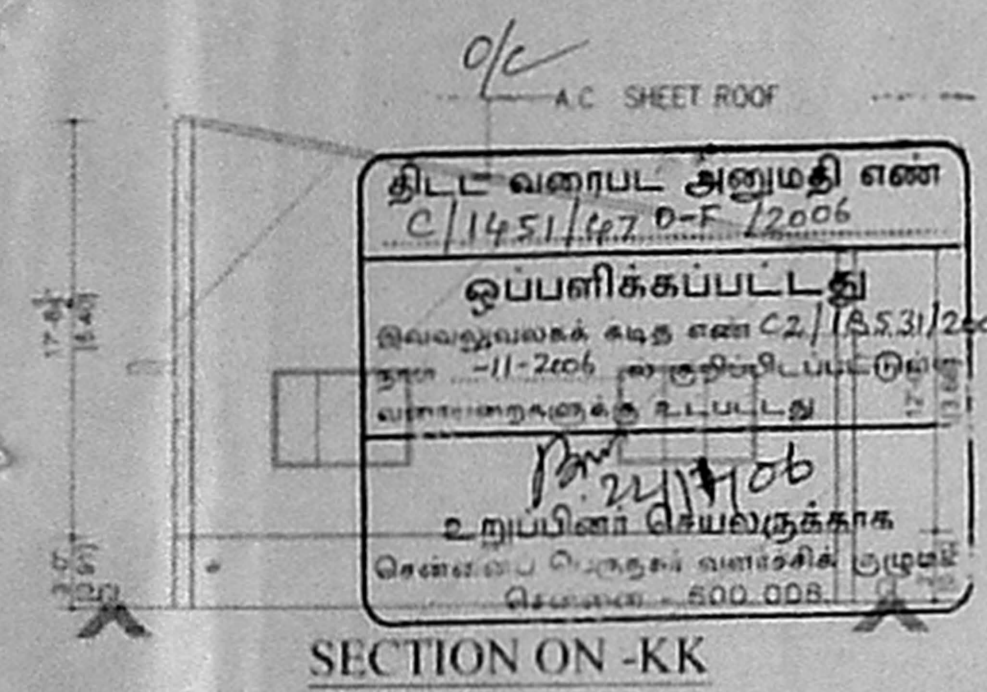
S.F. Patel
 Partner

OWNER'S SIGNATURE:-

S. ATHIYAN, B.E., AMIE, FIV,
 CHARTERED ENGINEER AND VALUER,
 CLASS - II (ENR) SURVEY NO. 192
 REGISTRATION OF CHARTERED
 ENGINEERS, TAMBARAM TOWN,
 T. CO. TAMBARAM-600 017.
 9820 462 938 / 93440
 sathyam04@yahoo.com

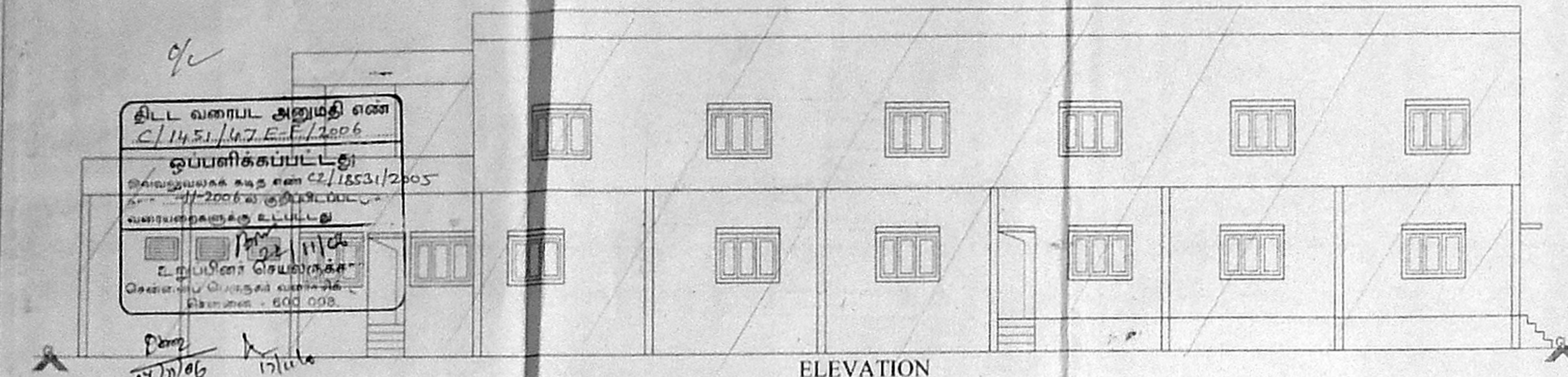
LICENSED SURVEYOR.

தி.பெ.வ.கு. (பி) : _____
 த. நாள் : 02/13/31/2005
 31/3/2005
 உ.தி.அ. _____

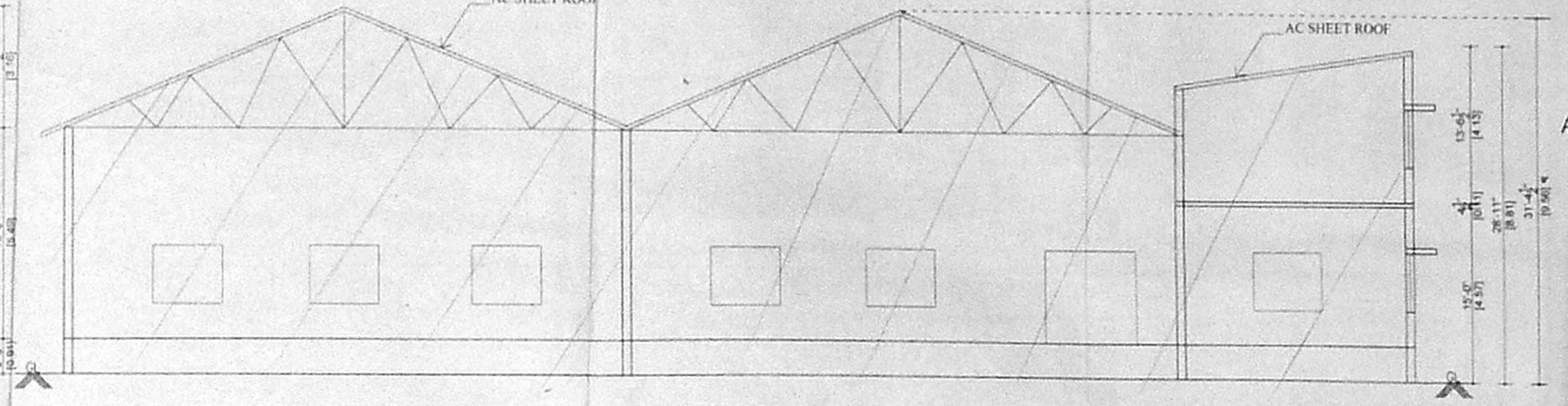


PLAN SHOWING THE EXISTING
அனுவரகப் பிளா
 BUILDING TO BE REGULARISED
 IN S NO. 1477 AT PLOT NO. A 19/P1
 A20, A21, A24, P. Z. KADAPPERI
 VILLAGE, **தாமிரவருணியம்**
 KANCHEEPURAM DISTRICT.
 TAMBARAM MUNICIPALITY.
 FOR. M/S. S. F. PATEL & SONS
 (INDIA) 108X64

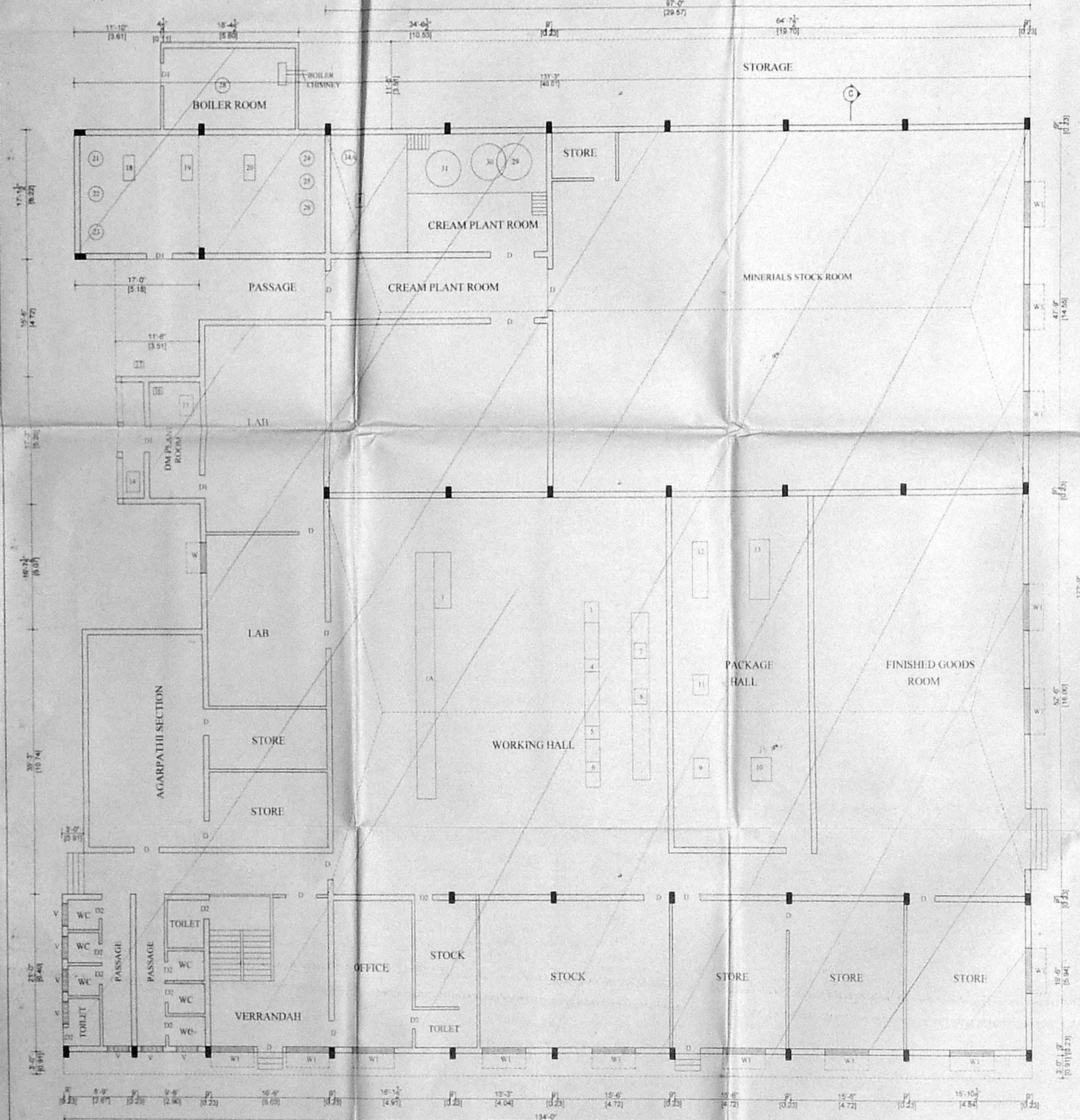
தி. ல. வரைபட அனுமதி எண்
 C/1451/47.E.E/2006
 ஒப்பளிக்கும்படி
 இவ்வனுமதிக்கு கட்ட எண் 27/18531/2005
 11-2006ல் குடிபட்டது
 வகைப்பாட்டுக் குழு
 உறுப்பினர் செயலகம்
 சென்னை குடிநீர் வாரியம்
 இல. 600 008



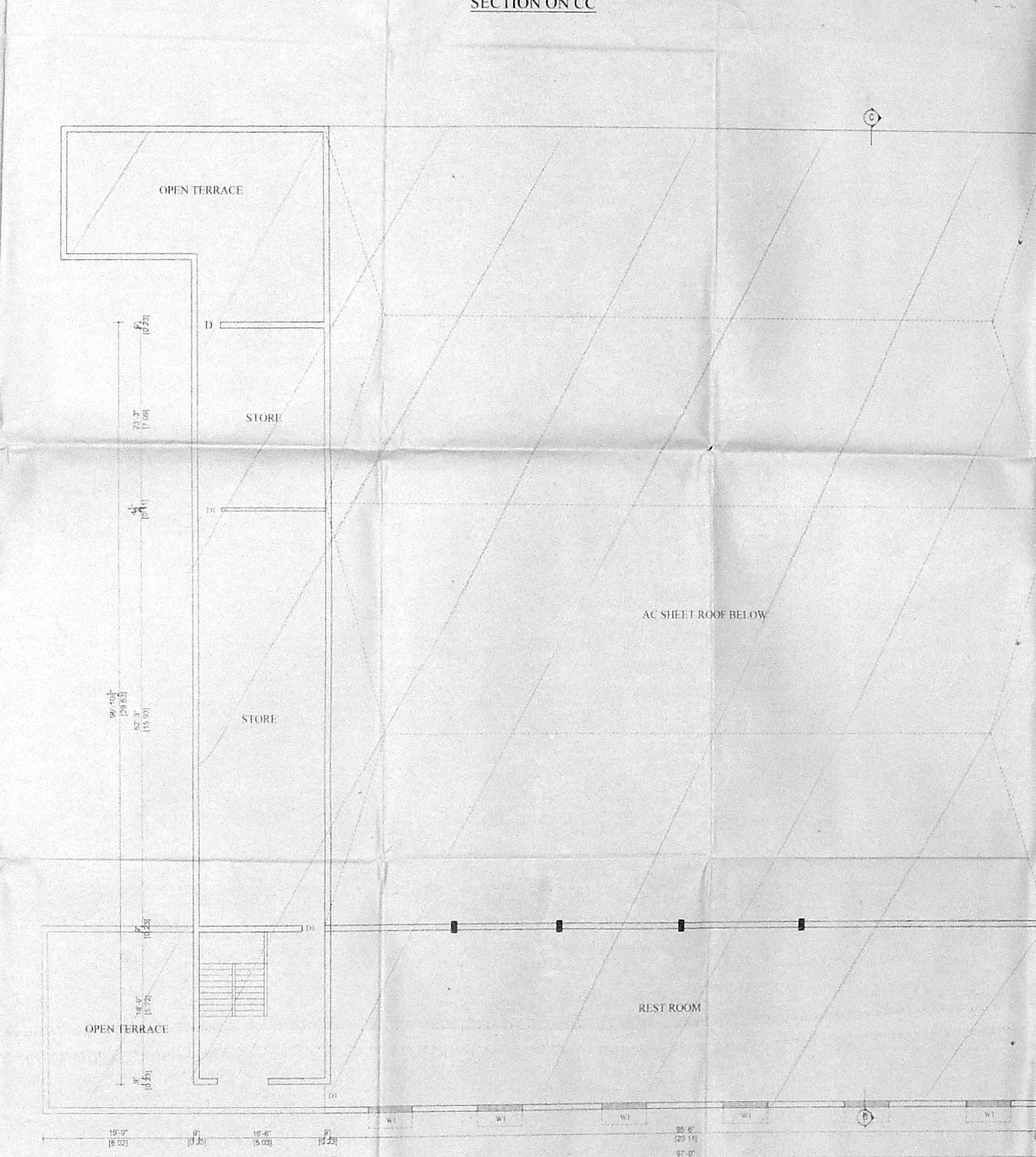
ELEVATION



SECTION ON CC



GROUND FLOOR PLAN
 BLOCK 7



FIRST FLOOR PLAN

SHEET NO 5/5
 SCALE 1:100

JOINERY:-

TYPE	DESCRIPTION	SIZE
D	DOOR	1006x2134
D1	"	915x2134
D2	"	762x2134
W	WINDOW	1830x1372
W	"	1220x1372
V	VENTILATOR	915x610

MACHINERY DETAIL

	EACH	HP
1	CREAM FILLING	8.0
1A	CONVEYOR	1.0
2	PRINTING	1.0
2A	CONVEYOR	1.0
3	VACUUM FILLING 2No	5.0 10.0
3A	CONVEYOR	1.0
4	PNAMATIC CONTROL	10.0
5,6,7	LABELLING 2no	0.5 1.0
9,11,12	OVERWRITING 3No	12.0
10	NTRAPANK	0.5
13	AUTOMATIC SHRINK TUNNEL	3.0
13A	AUTOMATIC MACHINE	2.0
14	COMPRESSOR	5.0
15	DM WATERPLANT	3.0
16	DM WATERPLANT	1.0
17	DRINKING WATER COOLER	1.0
18	AC COMPRESSOR	40.0
19	AC COMPRESSOR	25.0
20	CHILLING UNIT	15.0
21	COOLING TOWER	10.0
22	COOLING TOWER	10.0
23	CHILLING WATER	5.0
24	COOLING TOWER	5.0
25	COOLING TOWER	5.0
26	CIRCULATION PUMP	5.0
27	MOTOR	1.0
28	BOILER	3.0
29	WAXSTIRER	3.0
30	ANCHORSTIRER	2.0
31	WATERSTIRER	7.5
32	HYDRAULIC PUMP	1.5
33	BUMFPUMP	2.0
34	AIRCONDITIONER	1.0
34A	HOMDGENISER	15.0
35	PILOTPUMP	2.0
36	RO WATER TANK	3.0
37	DM WATER TANK	3.0
38	RAW WATER TANK	1.5
39	RO PLANT	5.0
40	COOLING TOWER	5.0
41	COOLING TOWER	3.0
43	VACUUM PUMP	3.5
TOTAL		239.5

COLOUR CODE:-

- REGULARISATION
- ROAD
- BOUNDARY

For S.F. PATEL & SONS (INDIA)

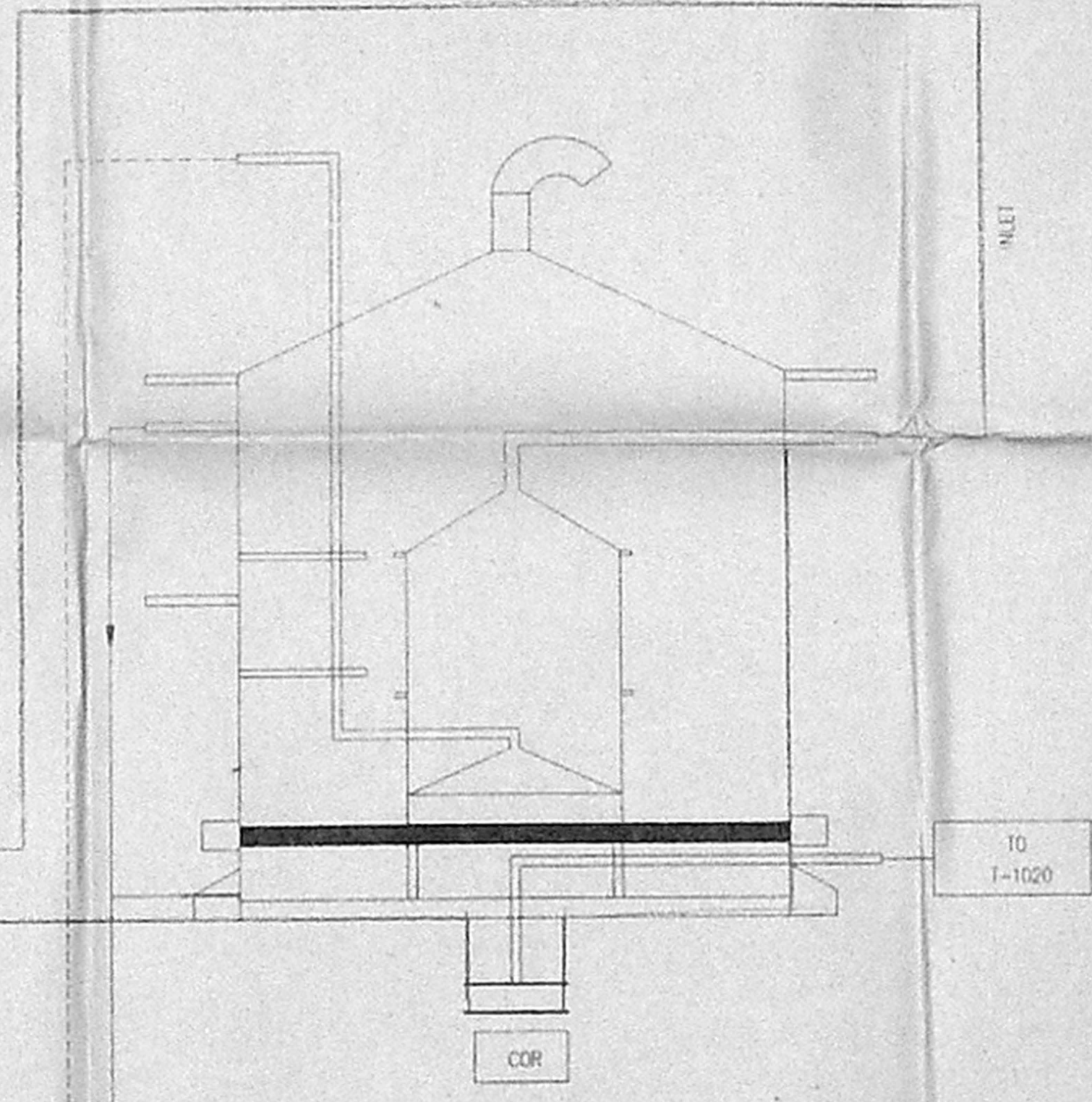
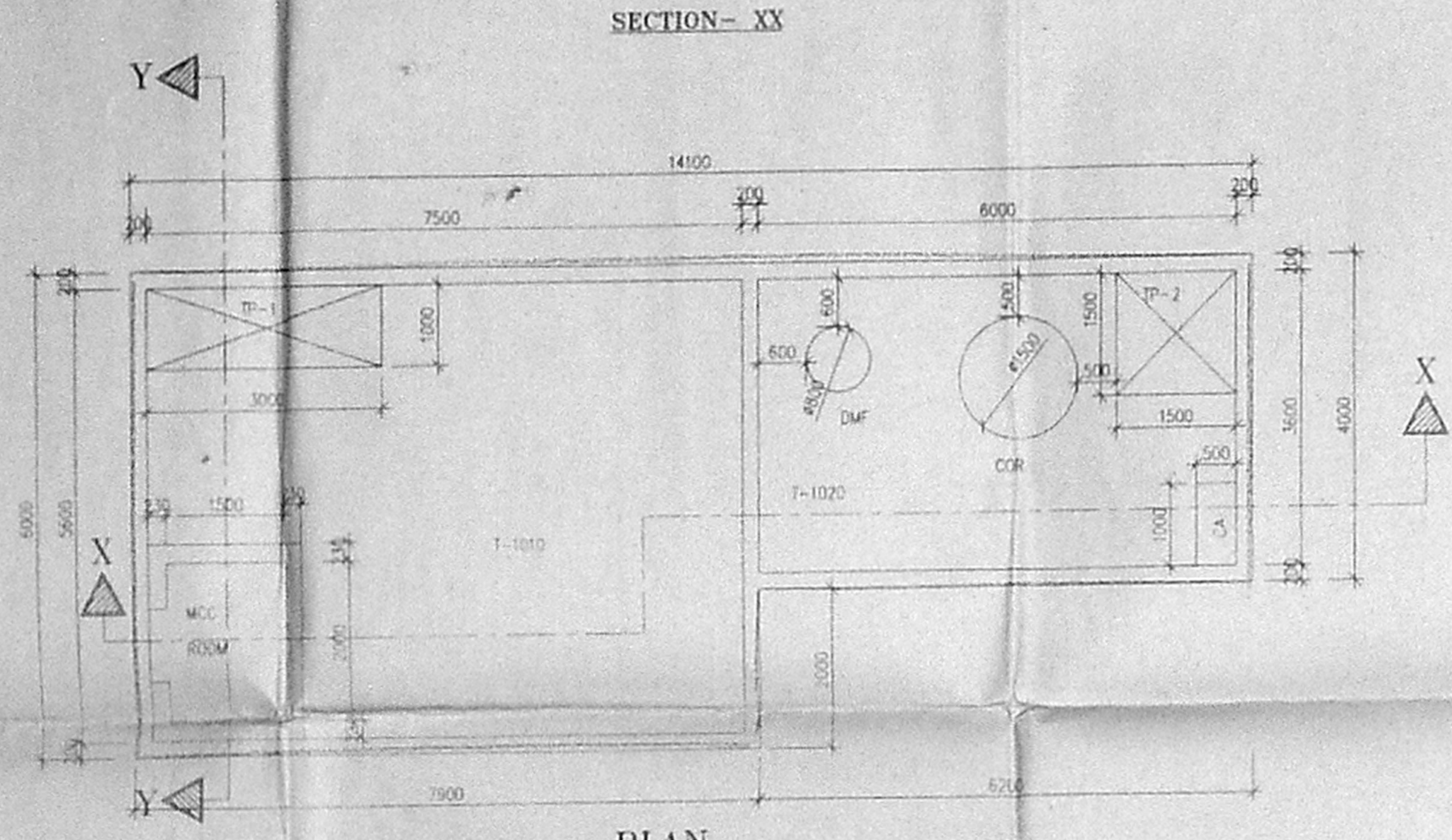
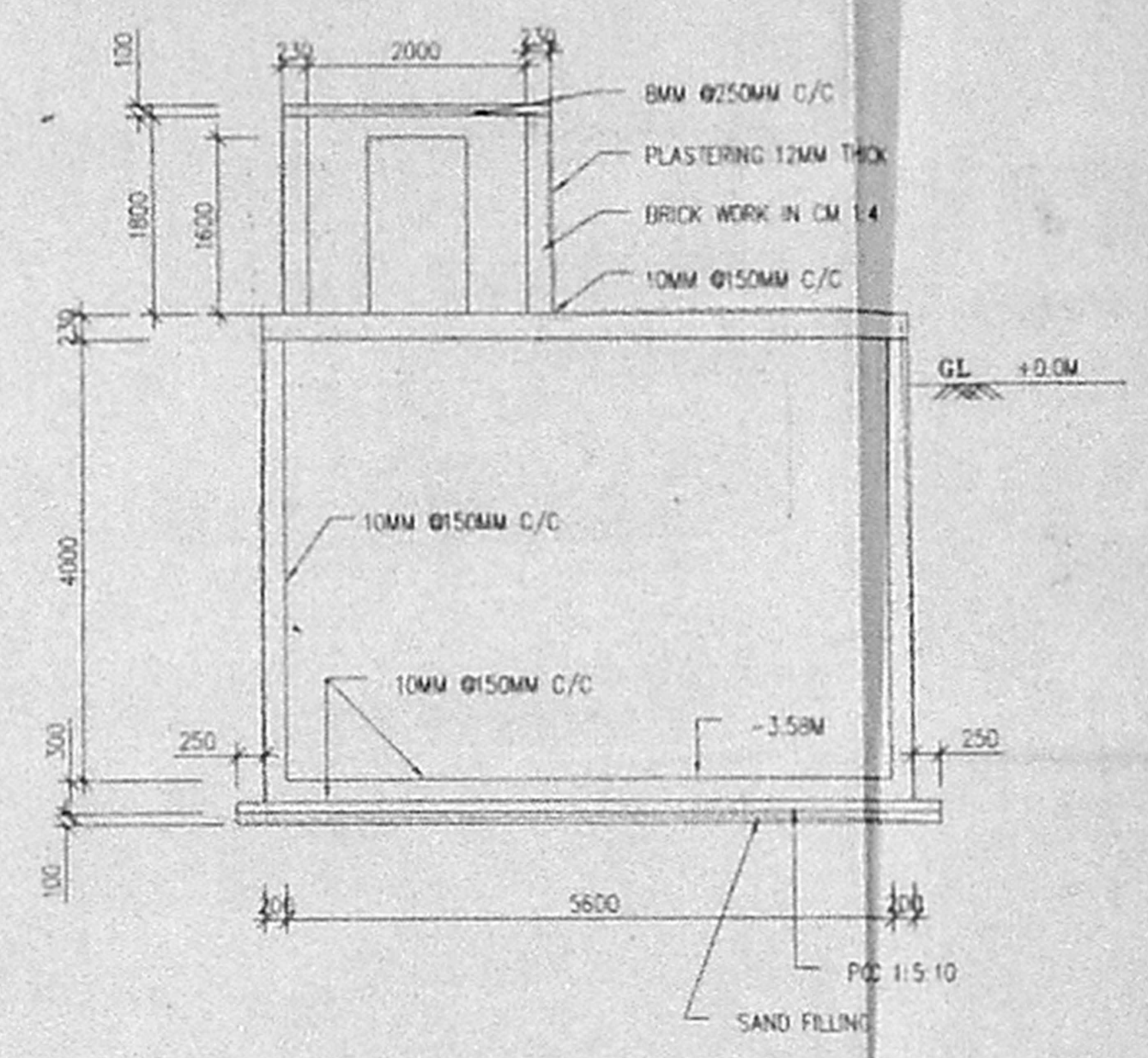
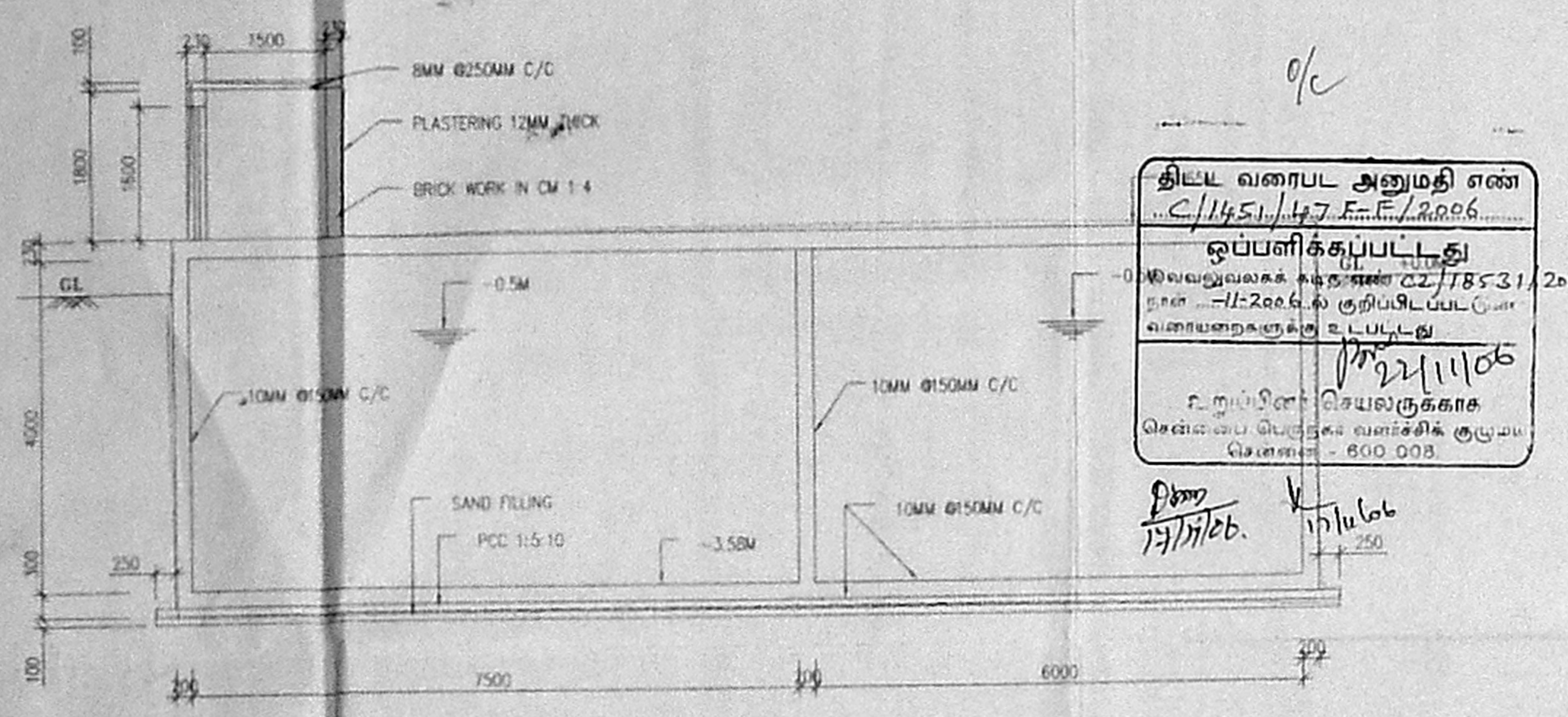
(Signature)
 Partner

OWNER'S SIGNATURE -

S. ATHIYANAN, B.E. AME. PV.
 CHARTERED ENGINEER AND SURVEYOR
 CLASS 1 LICENSED SURVEYOR No. 152
 CORPORATION OF CHENNAI
 NEW 6, NATHANUR STREET,
 T. NAGAR, CHENNAI-600 034
 Ph: 2610 354-40
 E-mail: sathiyana@yahoo.com
 LICENSED SURVEYOR

அனுமதிப் படி
 செ.பெ.வ.கு. (பி) 1000
 த.பெ.வ.கு. 12/18531/2025
 த.பெ.வ.கு. 31/12/2024
 உ.தி.பி. சி.பி.சி

90.7x64



TREATED EFFLUENT CHARACTERISTICS

FLOW	135cum/Day
PLANT CAPACITY	150cum/Day
FLOW	6.5cum/Day
SS	150mg/l
BOD	300mg/l
COD	550mg/l
TDS	1000-1200mg/l

TREATED EFFLUENT CHARACTERISTICS

FLOW	135cum/Day
PLANT CAPACITY	150cum/Day
FLOW	6.5cum/Day
SS	<30mg/l
BOD	<30mg/l
COD	100mg/l
TDS	1000-1200mg/l

PLAN SHOWING THE E.T.P AT PLOT NO. A100(P4) 4/20, A21, A24, ME.PZ, KADAPPERI VILLAGE, TAMBARAM TALUK, KANCHI PURAM DISTRICT, TAMBARAM MUNICIPALITY

FOR M/S S.F. PATEL & SONS (INDIA)
 SCALE - 1:60

EQUIPMENT SCHEDULE (MECH.)

S.No	TAG No.	NAME OF THE UNIT	Nos	CAPACITY
1	TP-1	RAW SEWAGE TRANSFER PUMPS	2	7.5CUM/Hr@15m
2	DMF	DUAL MEDIA FILTER	1	6.5 CUM/hr
3	COR	CORON OXIDATION REACTOR	2	6.5 CUM/hr
4	TP-2	TREATED EFFLUENT TRANSFER PUMPS	2	7.5CUM/Hr@15m
5	C.A.	COMPRESSED AIR	1	100PMX2HP

EQUIPMENT SCHEDULE (CIVIL)

S.No	TAG No.	NAME OF THE UNIT	Nos	SIZE IN "M"
1	T-1020	COLLECTION TANK ANAEROBIC UPFLOW FILTER	1	7.5x5.4M(LD) +0.6M (FB)
2	T-1020	TREATED EFFLUENT COLLECTION TANK	1	6x3x4M (LD) +0.6M (FB)

LEGEND

S.No	SYMBOLS	ABBREVIATIONS
1	T	TANK
2	TP	TRANSFER PUMP
3	TDS	TOTAL DISSOLVED SOLIDS
4	SS	SUSPENDED SOLIDS
5	BOD	BIO CHEMICAL OXYGEN DEMAND
6	COD	CHEMICAL OXYGEN DEMAND
7	DMF	DUAL MEDIA FILTER
8	○	BALL VALVES
9	⊙	WORKING PUMP
10	∨	NON-RETURN VALVES
11	⊗	DIAPHRAGM VALVES
12	FM	FLOW METER
13	△	SNAP CAP DIFFUSER

COLOUR REFERENCE

□	PROPOSED
□	SEWAR LINE

TITLE - EFFLUENT TREATMENT PLANT GENERAL FLOW SHEET

For S.F. PATEL & SONS (INDIA)

OWNER Partner

S. ATHIYAMAN
 CHARTERED ENGINEER AND VALUER,
 CLASS-I LICENSED SURVEYOR No.182
 CORPORATION OF CHENNAI,
 15, S. MATHURAM STREET,
 T.11 - F. CHENNAI-600 017,
 Ph: 2610 8170, 26440
 www.sathiyaman.com

LICENCED SURVEYOR