

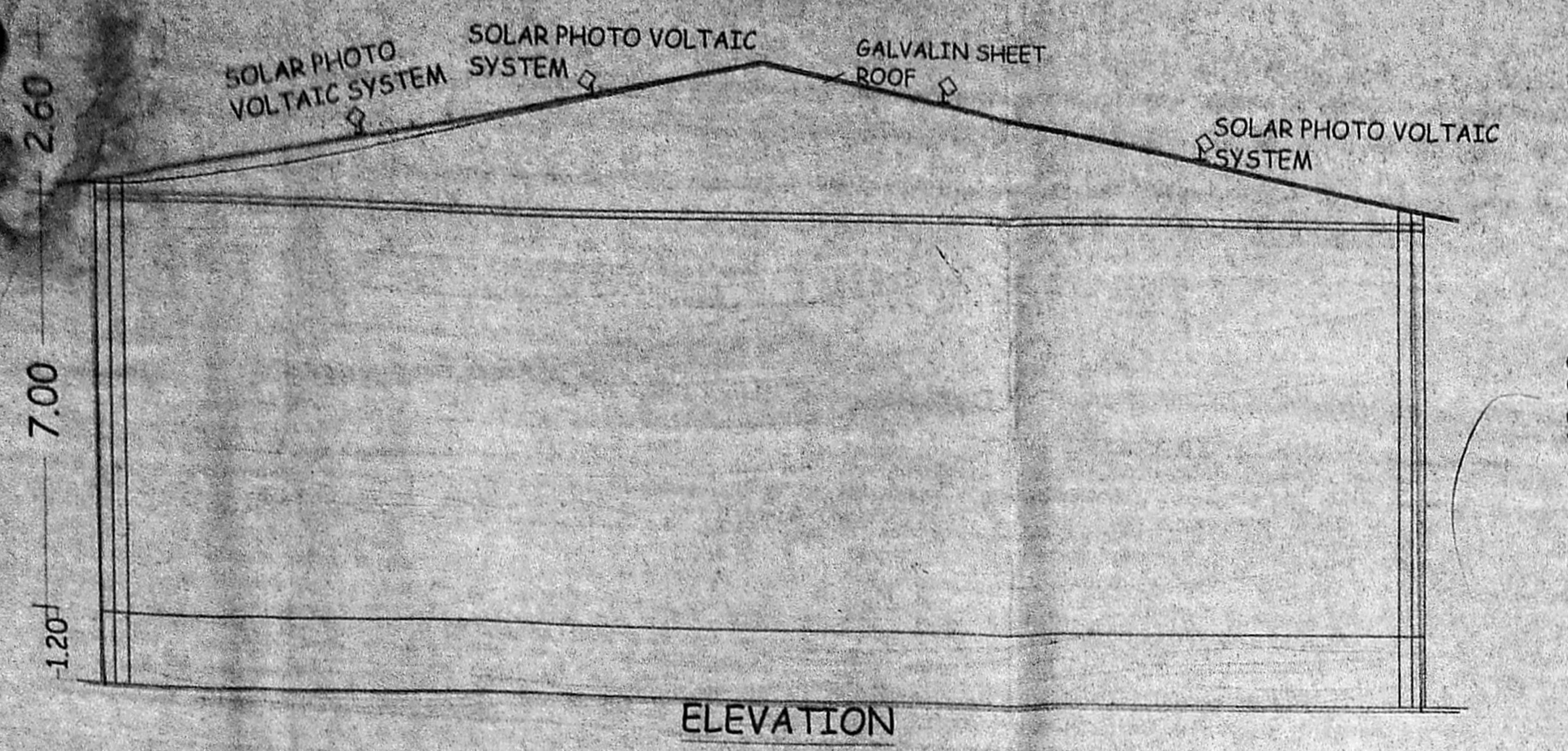
SITE PLAN SCALE 1: 200

COLOUR INDEX:-

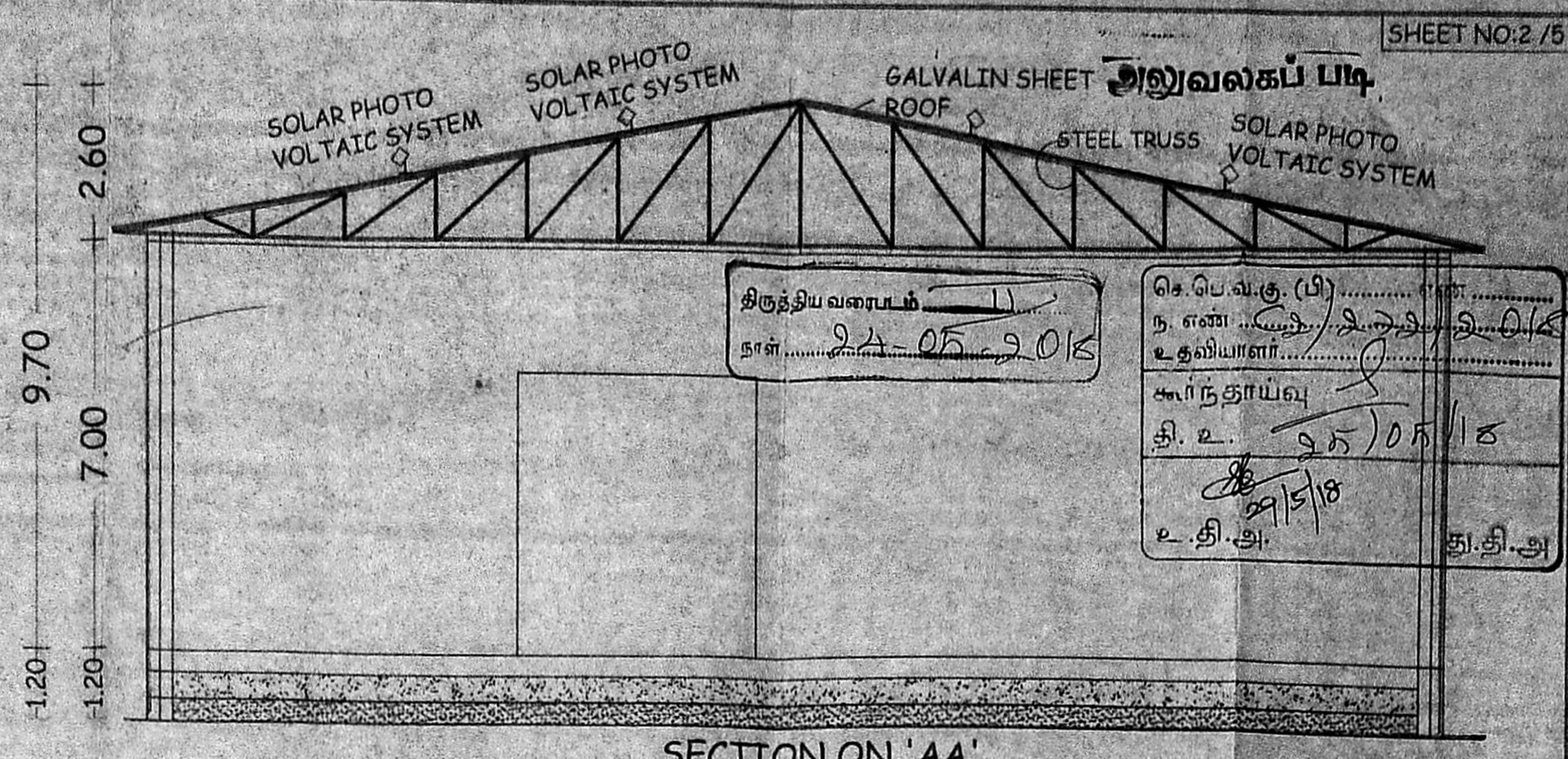
- PROPOSED TO BE REGULARISED : [Symbol]
- ROAD : [Symbol]
- BOUNDRY : [Symbol]
- MACHINERY : [Symbol]

OWNER

ENGINEER

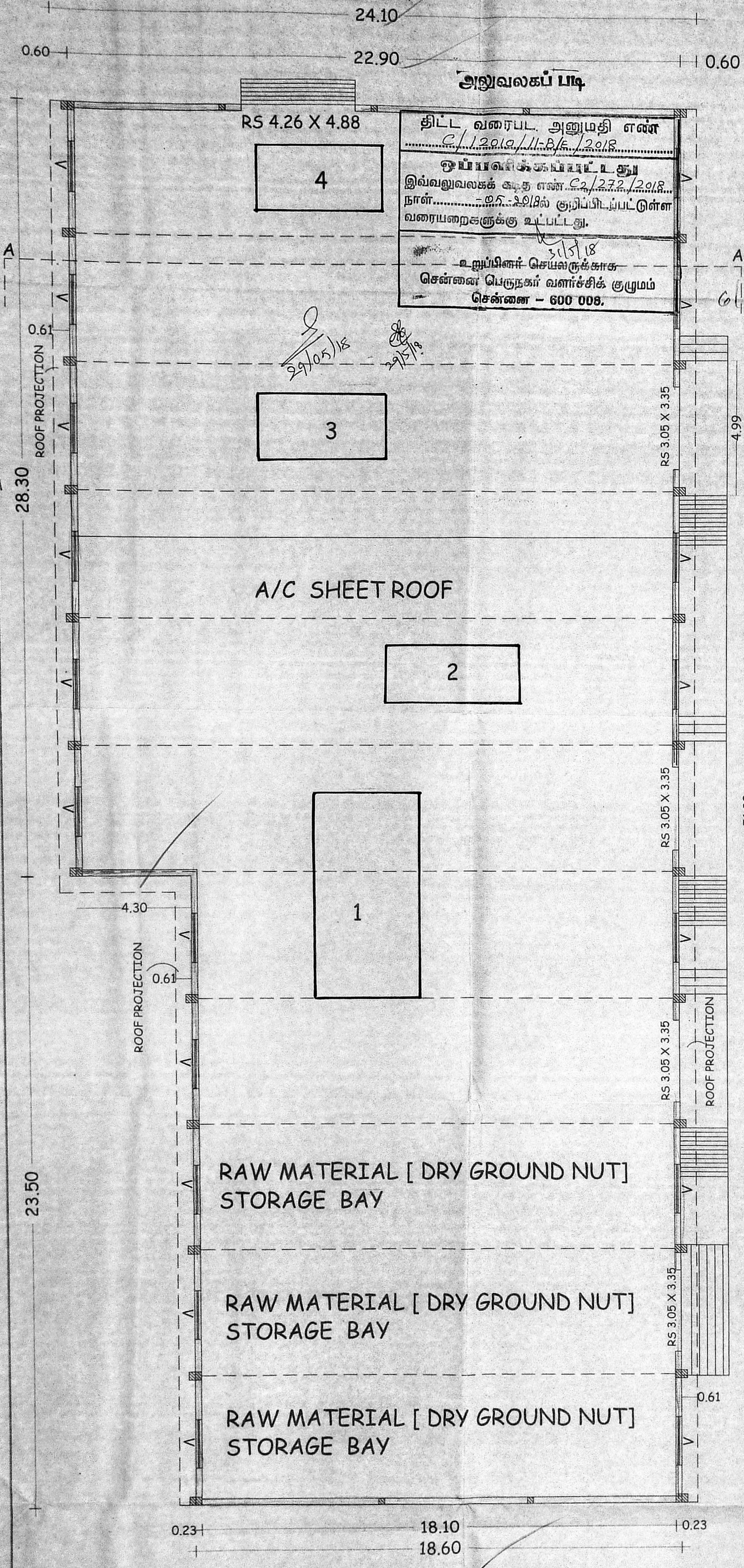


ELEVATION

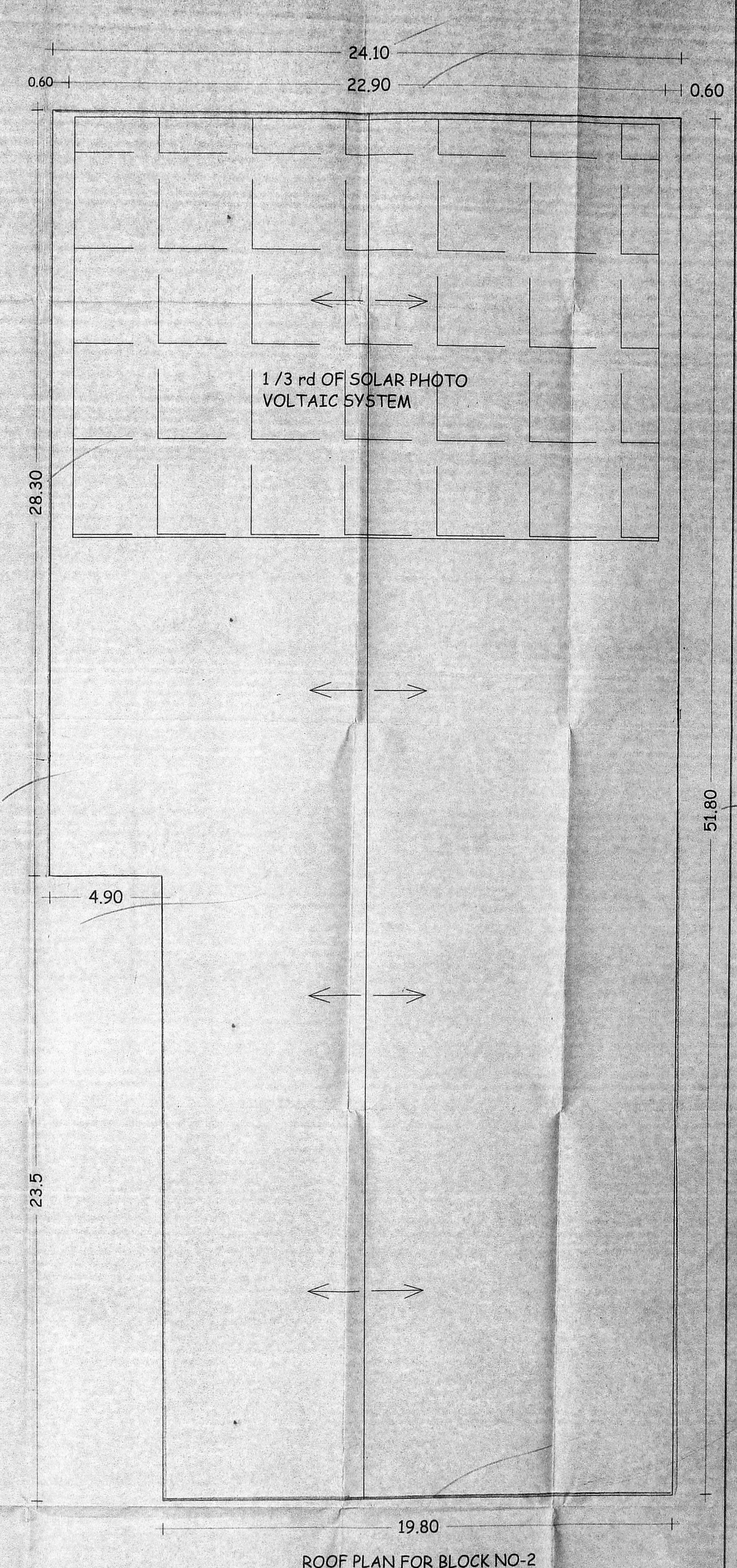


SECTION ON 'AA'

திருத்திய வரைபடம்
 நாள்: 22.05.2015
 செ.பெ.வ.கு. (பி)
 ந. எண்: 22/2015/பி
 உ. தலையாளர்:
 சாரி நதாய்வு
 தி. உ. 25/05/18
 29/5/18
 உ. தி. அ. தி. தி. அ.



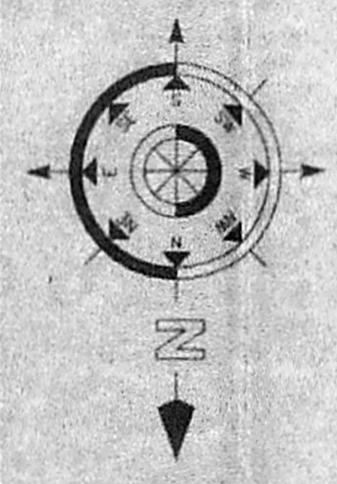
GROUND FLOOR PLAN BLOCK NO-2 PROPOSED BUILDING



ROOF PLAN FOR BLOCK NO-2

SCALE = 1:100

PLAN SHOWING THE EXISTING INDUSTRIAL BUILDING & PROPOSED ADDITIONAL CONSTRUCTION FOR "GROUNDNUT DECORTICATING [DRY] UNIT WITH INSTALLATION OF 30.0 H.P., WITH 20 NOs OF WORKERS AT S.NO: 91/1B, OF ALAMATHI VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT., SHOLAVARAM PANCHAYAT UNION. THIRUVALLUR HIGH ROAD.



COLOUR INDEX:-
 PROPOSED : [Symbol]
 TO BE REGULARISED : [Symbol]
 ROAD : [Symbol]
 BOUNDRY : [Symbol]
 MACHINERY : [Symbol]

R. Chandrasekaran
 R. CHANDRASEKARAN BECCM/FEV
 Structural Engineer, Approved Valuer No. F204771
 Chartered Corporation Licensed Surveyor, Class No. 1534
 P.1, Lohia Park, 12, Kuppam Road,
 Paluranchangal, Chennai-600114.
 Mob: 9444920118, email: rchandra2011@gmail.com

OWNER :- Mrs. CHENCHAMMAL W/O Mr. BALARAMAN

OWNER

ENGINEER

செ.பெ.வ.கு. (பி)

PLAN SHOWING THE EXISTING INDUSTRIAL BUILDING & PROPOSED ADDITIONAL CONSTRUCTION FOR "GROUNDNUT DECORTICATING [DRY] UNIT WITH INSTALLATION OF 30.0 H.P. WITH 20 NOS OF WORKERS AT S.NO: 91/ 1B, OF ALAMATHI VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT., SHOLAVARAM PANCHAYAT UNION, THIRUVALLUR HIGH ROAD.

OWNER :- Mrs. CHENCHAMMAL W/O Mr. BALARAMAN

NO OF EMPLOYEES : 20 NOS WITH INSTALLATION OF 30.0 H.P.

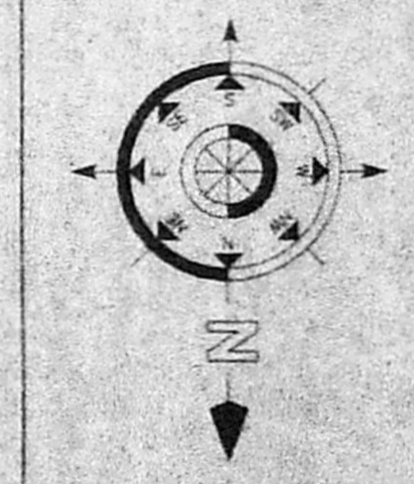
AREA DETAILS:-

PLOT AREA AS PER DOC	: 6,879.60 SQM
AS PER PATTI	: 6,850.00 SQM

PROPOSED BUILDING:-

BLOCK NO 2	: 1150.83 SQM
EXISTING BUILDING :-	
BLOCK NO 1	: 1390.99 SQM
BLOCK NO 3	
WORKER'S REST ROOM	: 128.48 SQM
BLOCK NO 4	
OFFICE ROOM	: 61.14 SQM
BLOCK NO 5	
WEIGH BRIDGE OFFICE	: 17.38 SQM
TOTAL PLINTH	: 2748.82 SQM

PLOT COVERAGE : 40.13 % F S I : 0.4013



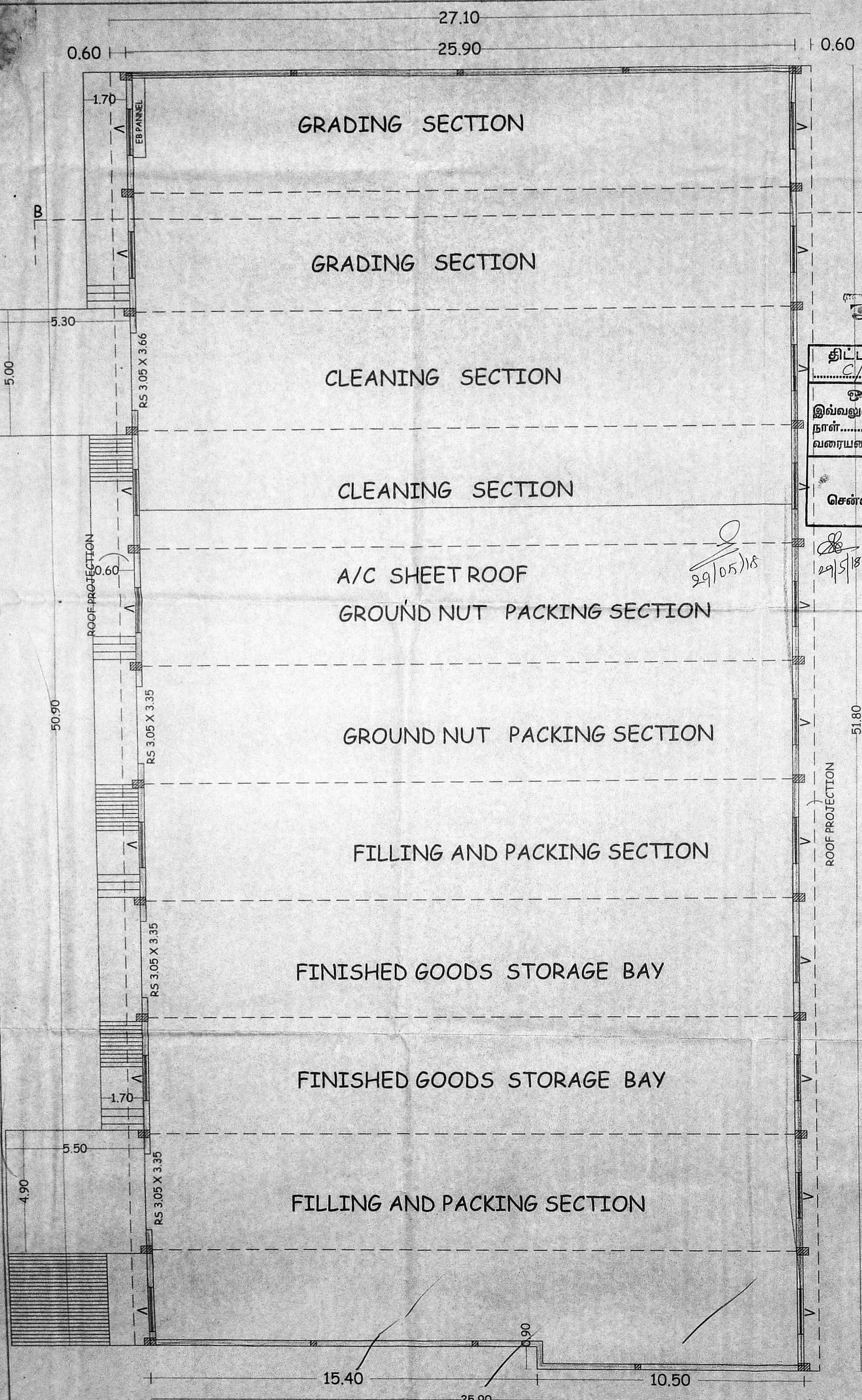
COLOUR INDEX:-

PROPOSED	: [Pattern]
TO BE REGULARISED	: [Pattern]
ROAD	: [Pattern]
BOUNDRY	: [Pattern]
MACHINERY	: [Pattern]

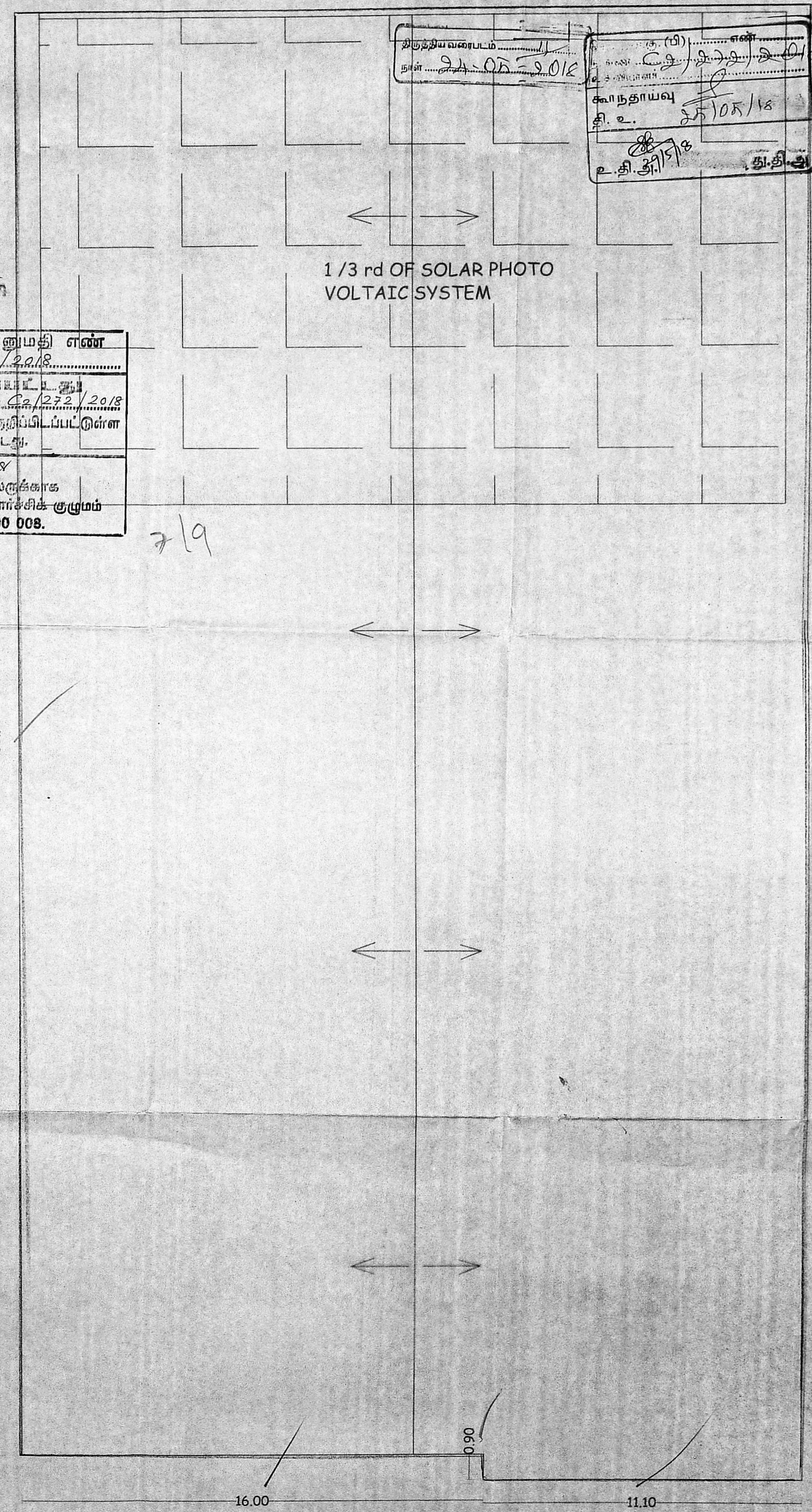
OWNER

R. Chandrasekaran
 R. CHANDRASEKARAN, B.E. (CIVIL), E.I.T.
 Structural Engineer, Approved Valuer No.F.25274
 (General Corporation Licensed Surveyor, Class No. 1999,
 F.I. Loka Flah, 12, Nappayam Street,
 Palayamkottai, Chennai-600114.
 Mob: 9444929118, email: rcs@rediffmail.com

ENGINEER



EXISTING GROUND FLOOR PLAN BLOCK NO -1



ROOF PLAN FOR BLOCK NO-1

SCALE = 1:100

திட்ட வரைபட அனுமதி எண்
 C/12010/11-5/6/2018
 ஒப்பளிக்கும் திகதி
 இவ்வலுவலகக் கட்டு எண் C/252/2018
 நாள் 05-05-2018 குறிப்பிடப்பட்டுள்ள
 வரையறைகளுக்கு உட்பட்டது.
 உறுப்பினர் செயலாக்காக
 சென்னை பெருநகர் வளர்ச்சிக் குழுமம்
 சென்னை - 600 008.

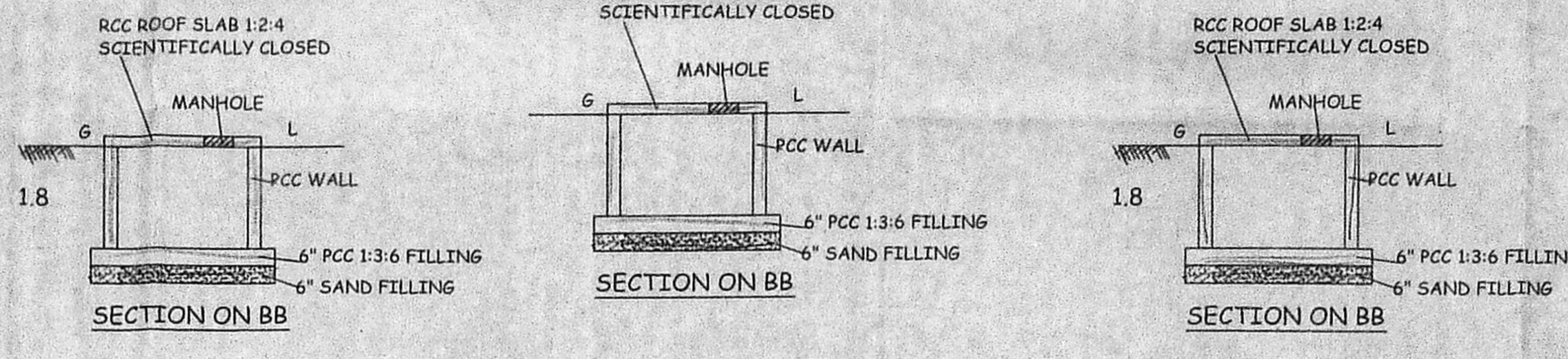
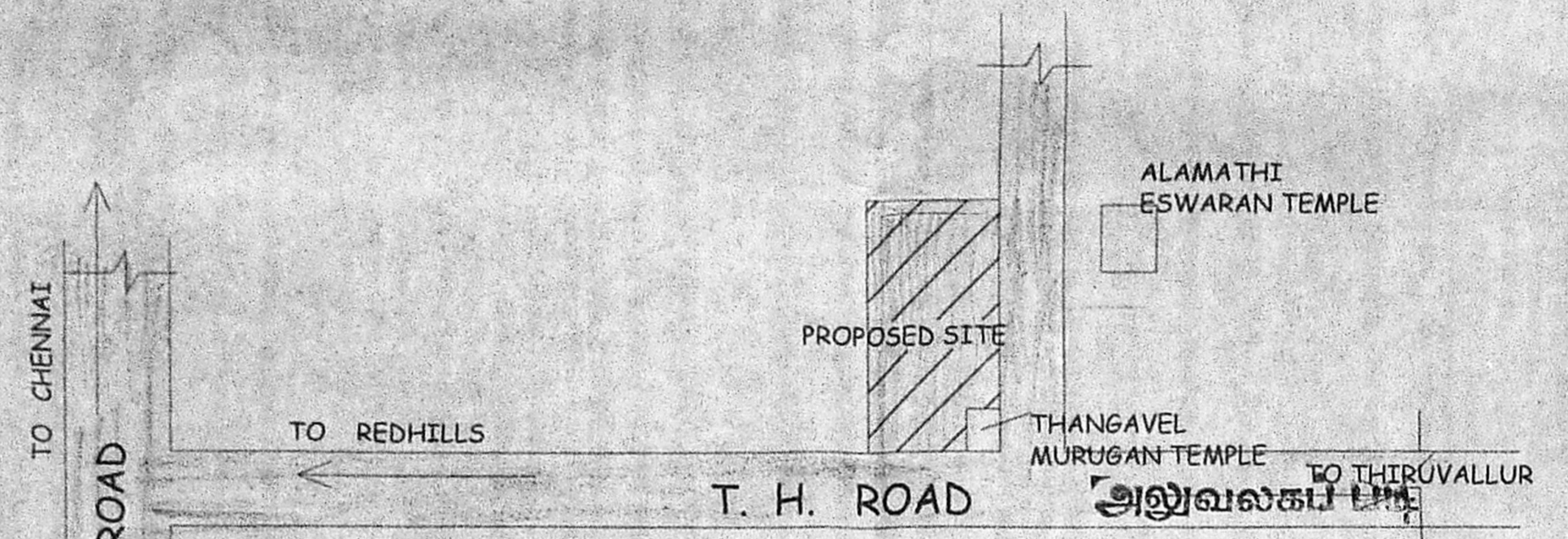
திருத்திய வரைபடம்
 24-05-2018
 காந்தாயவ
 தி.உ. 25/05/18
 ம.தி.அ. தி.தி.அ.

PLAN SHOWING THE EXISTING INDUSTRIAL BUILDING & PROPOSED ADDITIONAL CONSTRUCTION FOR "GROUNDNUT DECORTICATING [DRY] UNIT WITH INSTALLATION OF 30.0 H.P, WITH 20 NOS OF WORKERS AT S.NO: 91/1B, OF ALAMATHI VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT., SHOLAVARAM PANCHAYAT UNION. THIRUVALLUR HIGH ROAD.

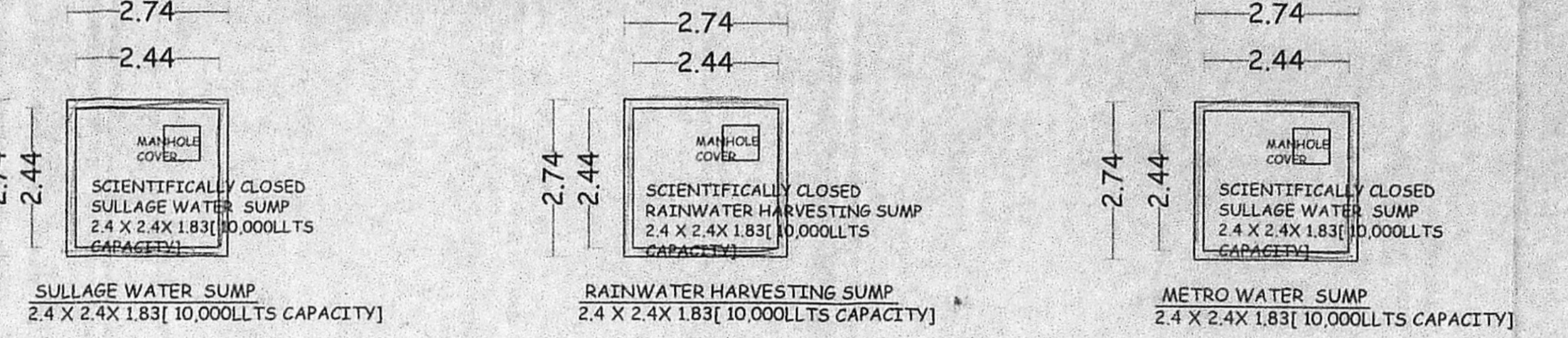
OWNER :- Mrs. CHENCHAMMAL W/O Mr.BALARAMAN

NO OF EMPLOYEES : 20 NOS WITH INSTALLATION OF 30.0 H.P

திருத்திய வரைபடம்
நாள் 24.05.2015
செ.வ.க. (பி) எண் 15. எண் 25/05/15
கூர்ந்தாய்வு தி.உ. 25/05/15
உ.தி.அ. தி.தி.அ.



திட்ட வரைபட அனுமதி எண்
C/12019/11-2/6/2018
இவ்வனுமதிக்கு கட்ட வேண்டிய தொகை ரூ. 272,2018
நாள் 29/5/18
சென்னை மெட்ரோ வளர்ச்சித் துறை
சென்னை - 600 005.



AREA SHEDULE:-

DOC.NO :	S.NO	EXTENT
1.1030/1979	91/1(P)	AC 1.55 CENTS
2.1800/1981	91/1(P)	AC 0.15 CENTS
TOTAL : AC 1.70 CENTS		

AREA DETAILS:-

PLOT AREA	
AS PER DOC	: 6,879.60 SQM
AS PER PATTA	: 6,850.00 SQM

PROPOSED BUILDING:-

BLOCK NO 2	: 1150.83 SQM
BLOCK NO 1	: 1390.99 SQM
BLOCK NO 3	
WORKER'S REST ROOM	: 128.48 SQM
BLOCK NO 4	
OFFICE ROOM	: 61.14 SQM
BLOCK NO 5	
WEIGH BRIDGE OFFICE	: 17.38 SQM
TOTAL PLINTH	: 2748.82 SQM

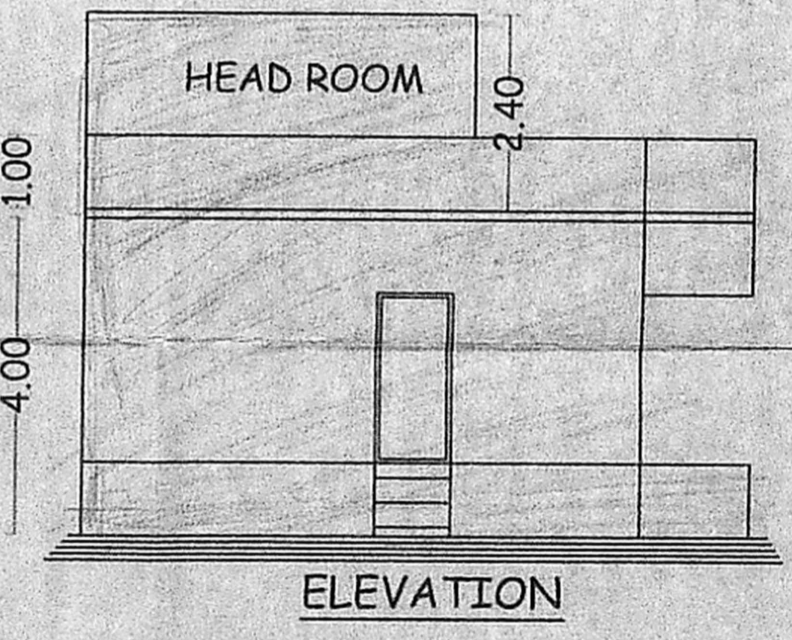
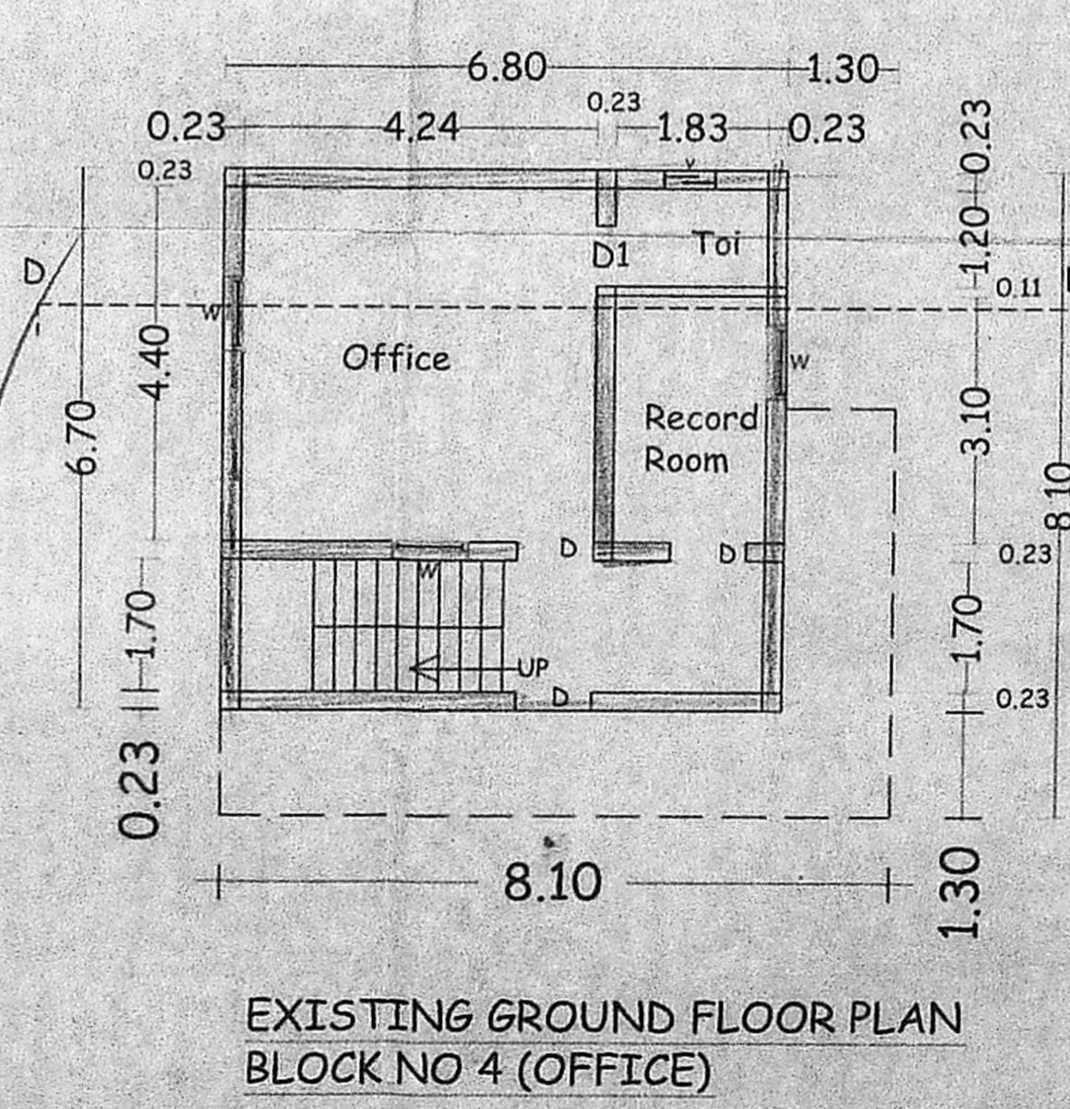
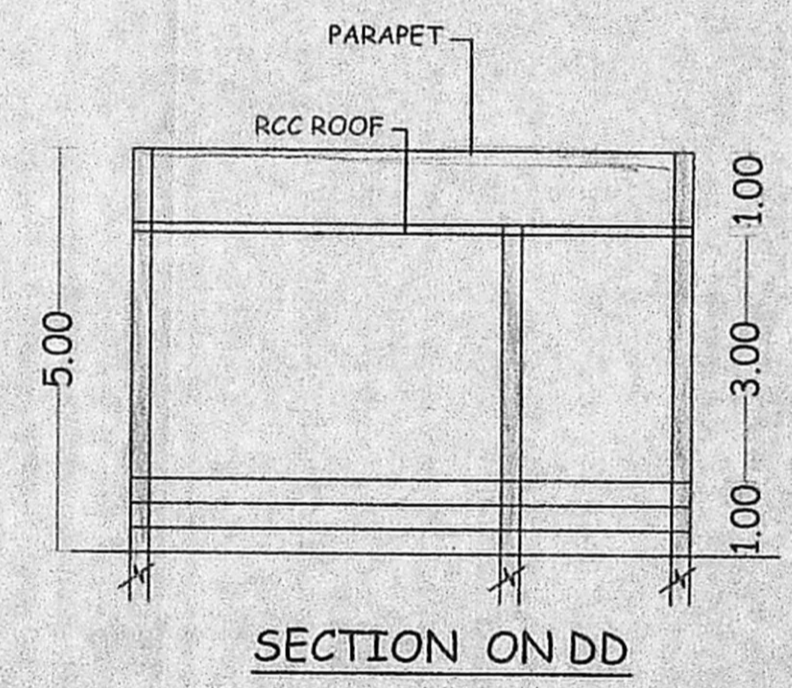
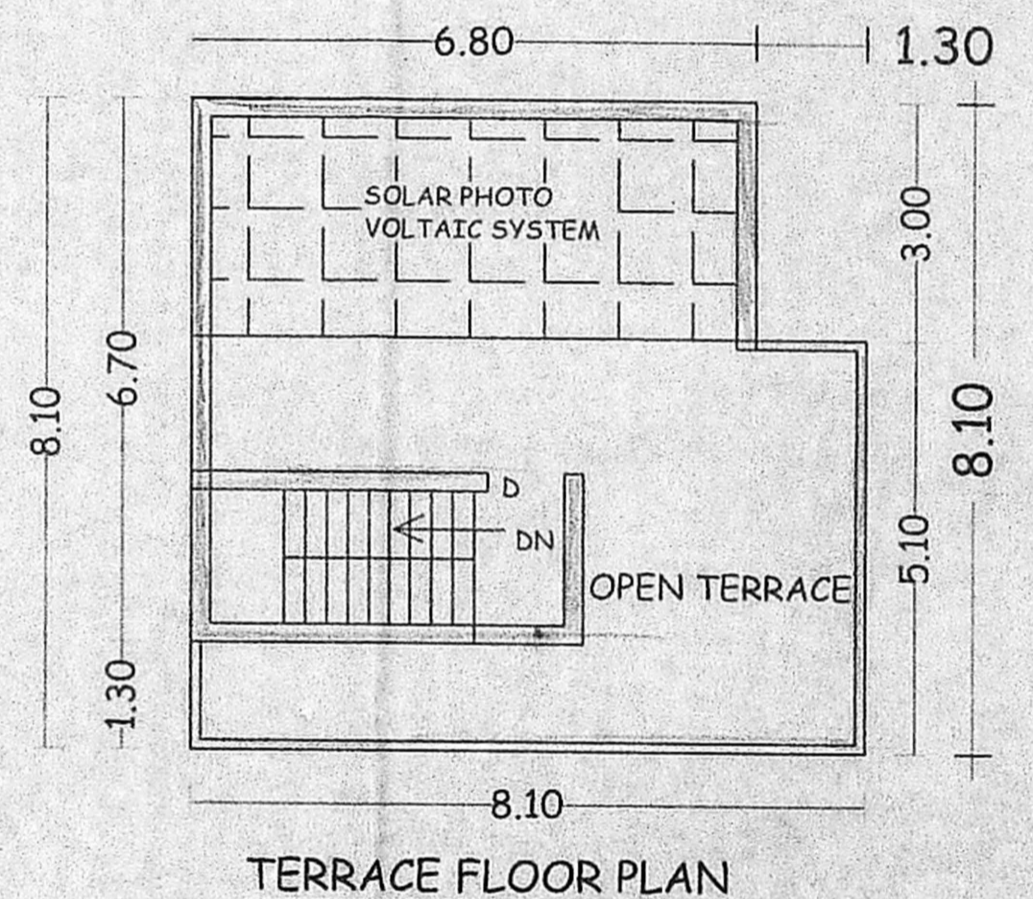
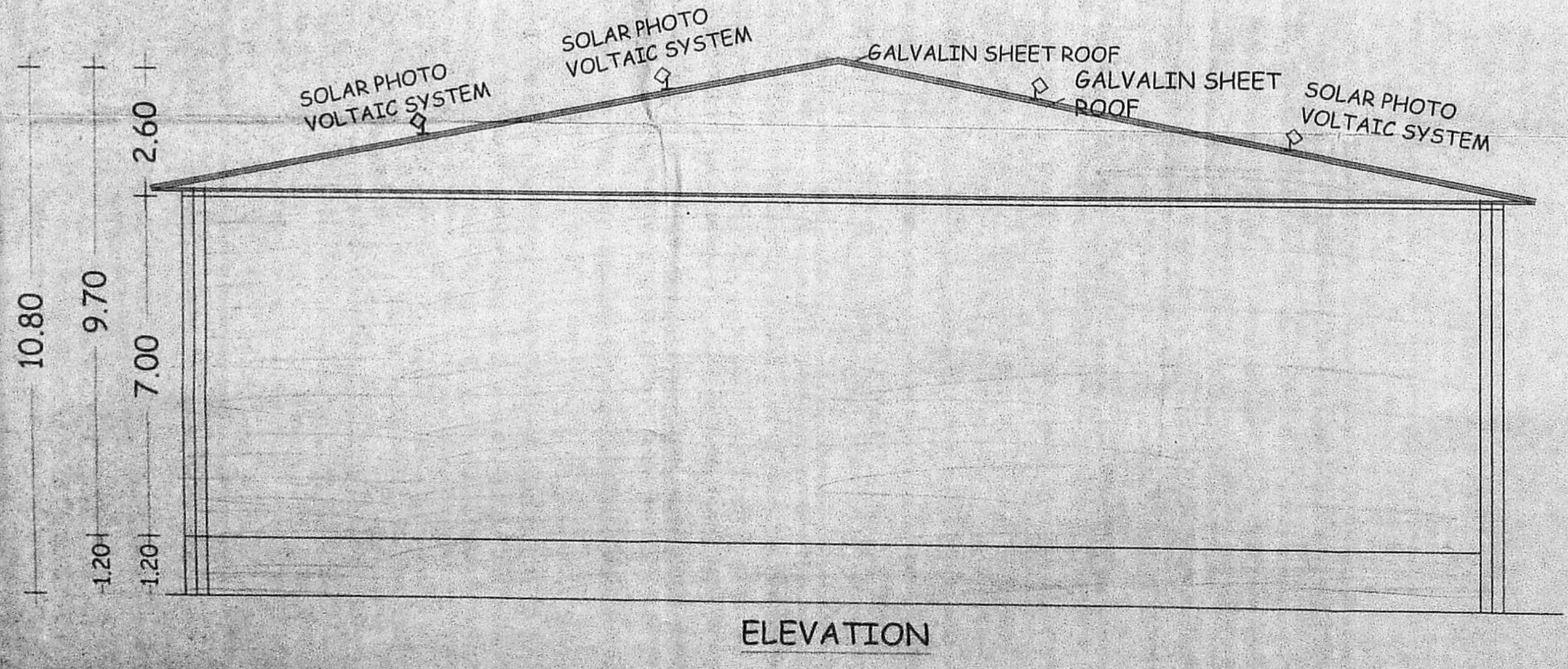
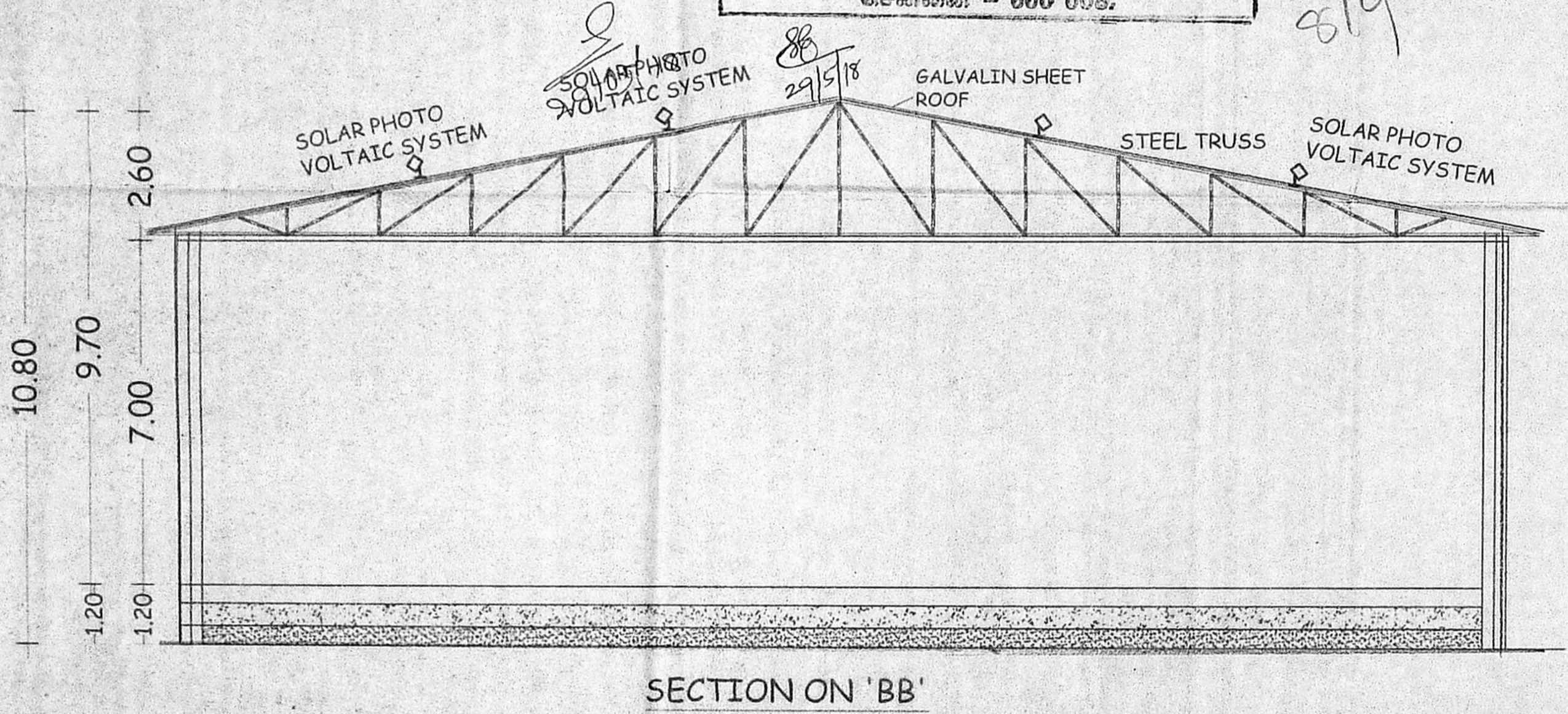
JOINARIES:-

ROLLING SHUTTER	R.S : 3.05 X 3.35
	R.S : 4.26 X 3.35
DOOR	D: 0.91 X 2.13
DOOR	D1: 0.76 X 2.13
WINDOW	W : 1.82 X 1.52
WINDOW	W1: 1.22 X 1.52
VENTILATOR	V1: 0.61 X 0.46
	V6: 1.83 X 0.61

COLOUR INDEX:-

- PROPOSED : [Symbol]
- TO BE REGULARISED : [Symbol]
- ROAD : [Symbol]
- BOUNDRY : [Symbol]
- MACHINERY : [Symbol]

PLOT COVERAGE : 40.13 % F S I : 0.4013



SCALE = 1:100

SPECIFICATIONS:-

- MASONRY STOCK BRICK IN C.M 1:5
- FOUNDATIONS STONE JELLY CON IN CC 1:4:8
- FLOORING 3/4" IN CM 1:4 MIX
- ROOF IS COVERED WITH GALVALIN SHEET
- PLASTERING 1/2" THICK IN CM 1:4 MIX.
- RCC COLUMNS IN CC 1:1.5:3.

H.P DETAILS:-

SI No	DESCRIPTION	H.P
1	DECORTICATOR 1 No X 9.0 H.P Each	9.0
2	ELEVATOR 1 No x 2.0 H.P Each	2.0
3	SHAKER 1 No X 5.0 H.P Each	5.0
4	SIZE GRADING 1 No X 3.0 H.P Each	3.0
5	BORE WELL	2.0
6	YARD LIGHTING	9.0
TOTAL		30.0

R. Chandrasekaran
R. CHANDRASEKARAN B.E./CIVIL ENGR
Structural Engineer, Approved Valuer No. 22074,
Central Government Licensed Surveyor, Class I No. 1000,
F.I. Loka Park, 12, Hoppersary Street,
Palayamkottai, Chennai-600114
98434482018, email: rcskaran5@gmail.com

OWNER

ENGINEER

PLAN SHOWING THE EXISTING INDUSTRIAL BUILDING & PROPOSED ADDITIONAL CONSTRUCTION FOR "GROUNDNUT DECORTICATING [DRY] UNIT WITH INSTALLATION OF 30.0 H.P. WITH 20 NOS OF WORKERS AT S.NO: 91/ 1B, OF ALAMATHI VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT., SHOLAVARAM PANCHAYAT UNION, THIRUVALLUR HIGH ROAD.

OWNER :- Mrs. CHENCHAMMAL W/O Mr.BALARAMAN

NO OF EMPLOYEES : 20 NOS WITH INSTALLATION OF 30.0 H.P

AREA SHEDULE:-

DOC.NO :	S.NO	EXTENT
1.1030/1979	91 /I(P)	AC 1.55 CENTS
2.1800/1981	91 /I(P)	AC 0.15 CENTS
TOTAL : AC 1.70 CENTS		

JOINARIES:-

ROLLING SHUTTER	R.S : 3.05 X 3.35
	R.S : 4.26 X 3.35
DOOR	D : 0.91 X 2.13
DOOR	D1 : 0.76 X 2.13
WINDOW	W : 1.82 X 1.52
WINDOW	W1 : 1.22 X 1.52
VENTILATOR	V1 : 0.61 X 0.46
	V6 : 1.83 X 0.61

AREA DETAILS:-

PLOT AREA	AS PER DOC	AS PER PATTA
	6,879.60 SQM	6,850.00 SQM
PROPOSED BUILDING:-		
BLOCK NO 2	: 1150.83 SQM	
EXISTING BUILDING :-		
BLOCK NO 1	: 1390.99 SQM	
BLOCK NO 3	: 128.48 SQM	
WORKER'S REST ROOM	: 128.48 SQM	
BLOCK NO 4	: 61.14 SQM	
OFFICE ROOM	: 61.14 SQM	
BLOCK NO 5	: 17.38 SQM	
WEIGH BRIDGE OFFICE	: 17.38 SQM	
TOTAL PLINTH	: 2748.82 SQM	

COLOUR INDEX:-

PROPOSED	: [Symbol]
TO BE REGULARISED	: [Symbol]
ROAD	: [Symbol]
BOUNDRY	: [Symbol]
MACHINERY	: [Symbol]

SPECIFICATIONS:-

MASONRY STOCK BRICK IN C.M 1:5

FOUND STONE JELLY CON IN CC 1:4:8

FLOORING 3/4" IN CM 1:4 MIX

ROOF IS COVERED WITH GALVALIN SHEET

PLASTERING 1/2" THICK IN CM 1:4 MIX.

RCC COLUMNS IN CC 1:1.5:3.

H.P DETAILS:-

SI No	DESCRIPTION	H.P
1	DECORTICATOR 1 No X 9.0 H.P Each	9.0
2	ELEVATOR 1 No x 2.0 H.P Each	2.0
3	SHAKER 1 No X 5.0 H.P Each	5.0
4	SIZE GRADING 1 No X 3.0 H.P Each	3.0
5	BORE WELL	2.0
6	YARD LIGHTING	9.0
TOTAL		30.0

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER FOR BAKERY BUILDINGS & LABOUR REST ROOM BUILDING

ASSUMING NO.OF.INCUBENTS :- 140

NO OF USERS ASSUMING 2 FIXTURES PER TOILET :- 140X2 = 280UNIS

PER HOUR DISCHARGE :- 280X6 = 1680LPM

SEPICTANK

SURFACE AREA NEEDED 1680X0.92/10 = 154.56 SAY 16.00M

VOLUME OF SEDIMENTATION

ASSUMING 0.30M DEPTH FOR DIGESTION 16X0.3M = 4.80M2

1000X0.032 = 3.20M2

FOR SLUDGE STORAGE 0.0002X365X140 = 10.22M2

FREE BOARD FOR SLUDGE 5X0.3M = 1.50M2

DEPTH = VOLUME / VOLUME 7 / 5 = 1.40M

SIZE OF SEPTIC TANK 8.00X3.00X3.00

UPFLOW FILTER

LIQUID DEPTH OF SEPTIC TANK = 3.00M

UPFLOW FILTER DEPTH

ALLOWING 0.32M FREE BOARD 1.4 - 0.3 = 1.10M

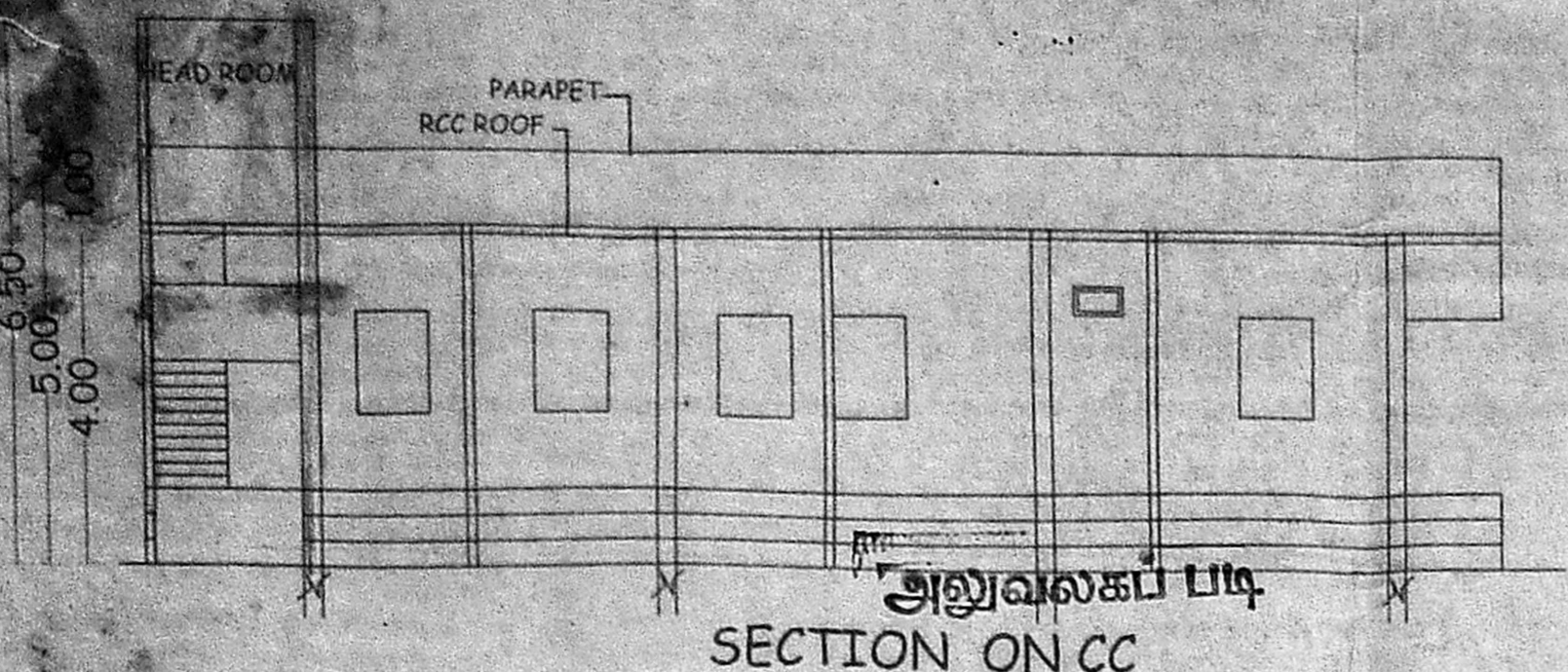
AREA NEEDED = 1.10 / 1.10 = 1.0M

SIZE OF UPFLOW FILTER 1.50X1.50

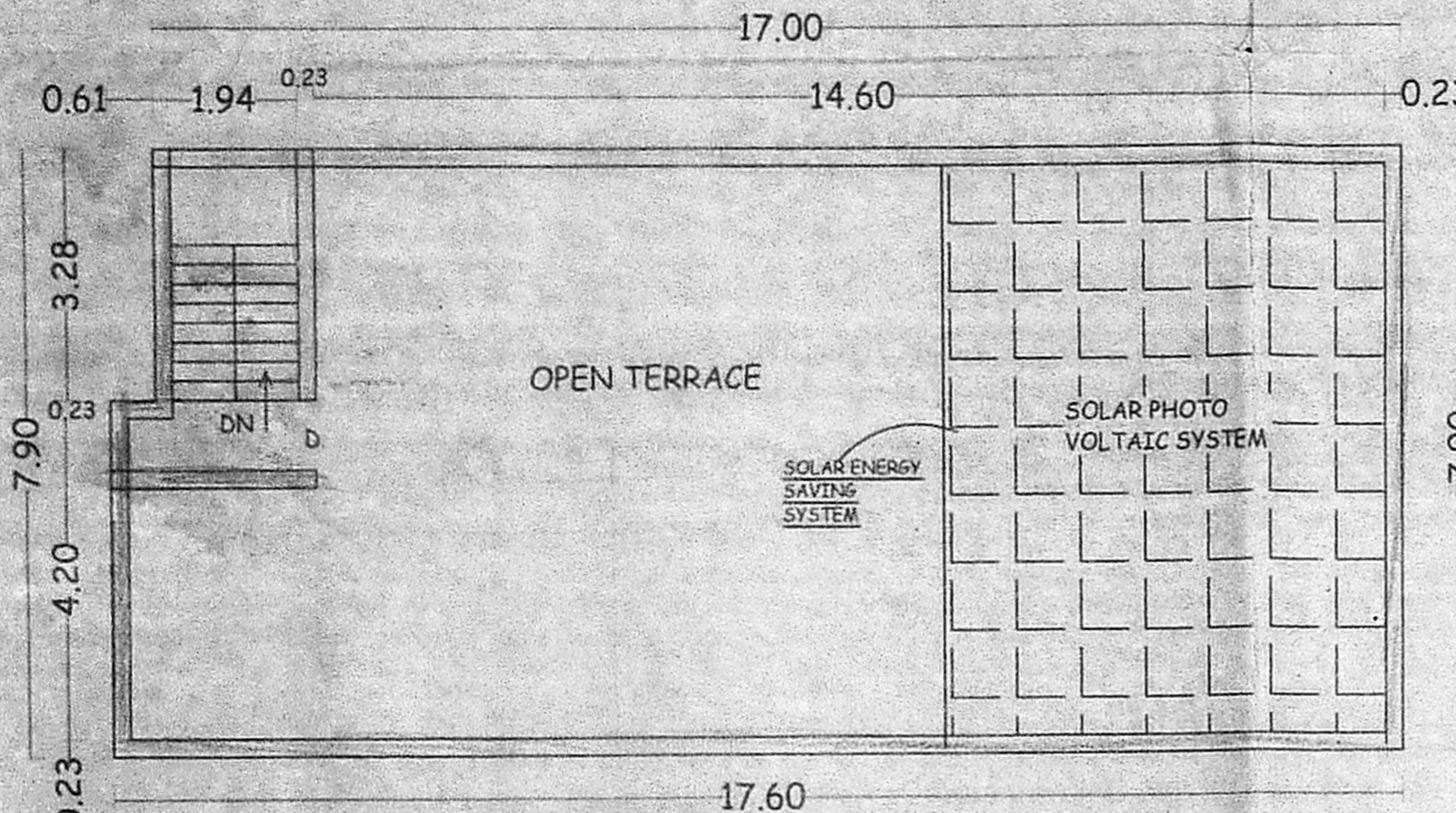
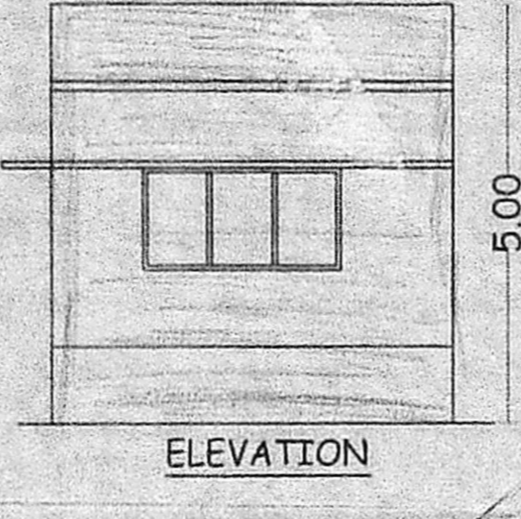
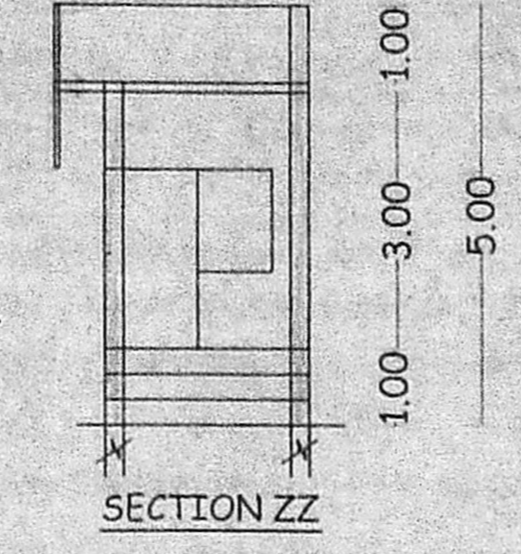
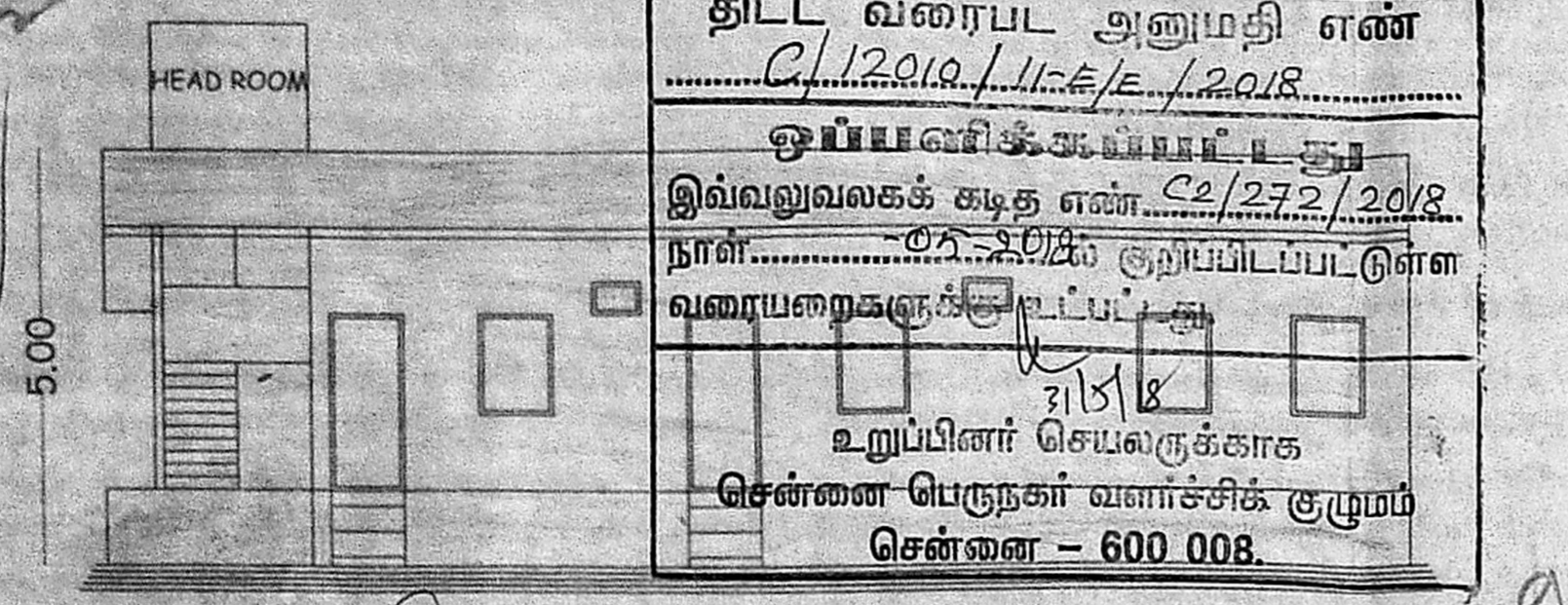
UPFLOW NO : 1 = 0.91X1.50X1.36M

UPFLOW NO : 2 = 0.91X1.50X1.36M

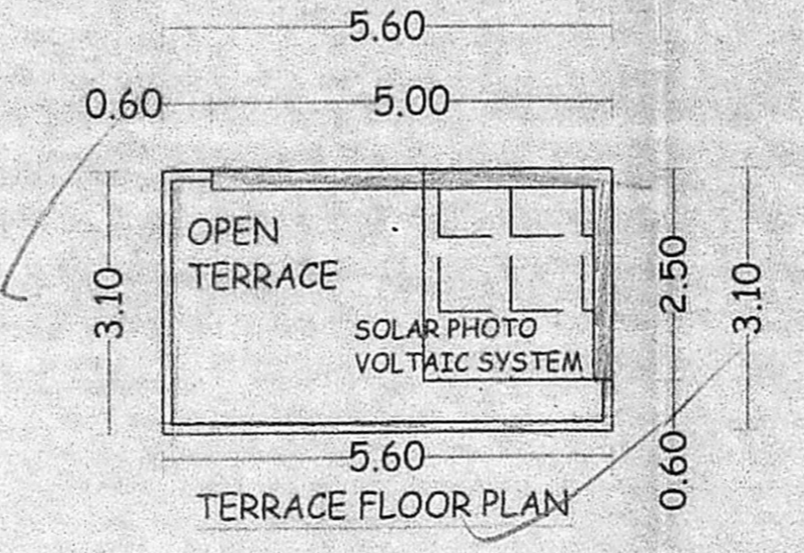
திருச்சிபவரையம் 1) செ. எ. வ. கு. (பி) எண் தி. எ. 24/05/2018 உதவியாளர் கர்ந்தாய்வு தி. எ. 25/05/18 உ. தி. அ. தி. தி. அ.



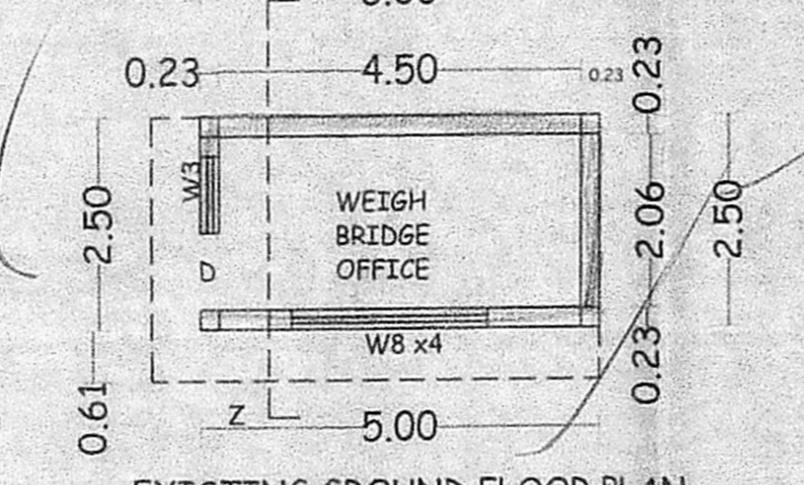
திட்ட வரைபட அனுமதி எண் C/12019/11-6/E/2018 இவ்வலுவலகக் கட்ட எண் C2/272/2018 நாள் 24/05/2018 வரையறைகளுக்கிணங்க வரையறுக்கப்பட்டிருக்கின்ற உறுப்பினர் செயலருக்காக சென்னை பெருநகர் வளர்ச்சிக் குழுவும் சென்னை - 600 008.



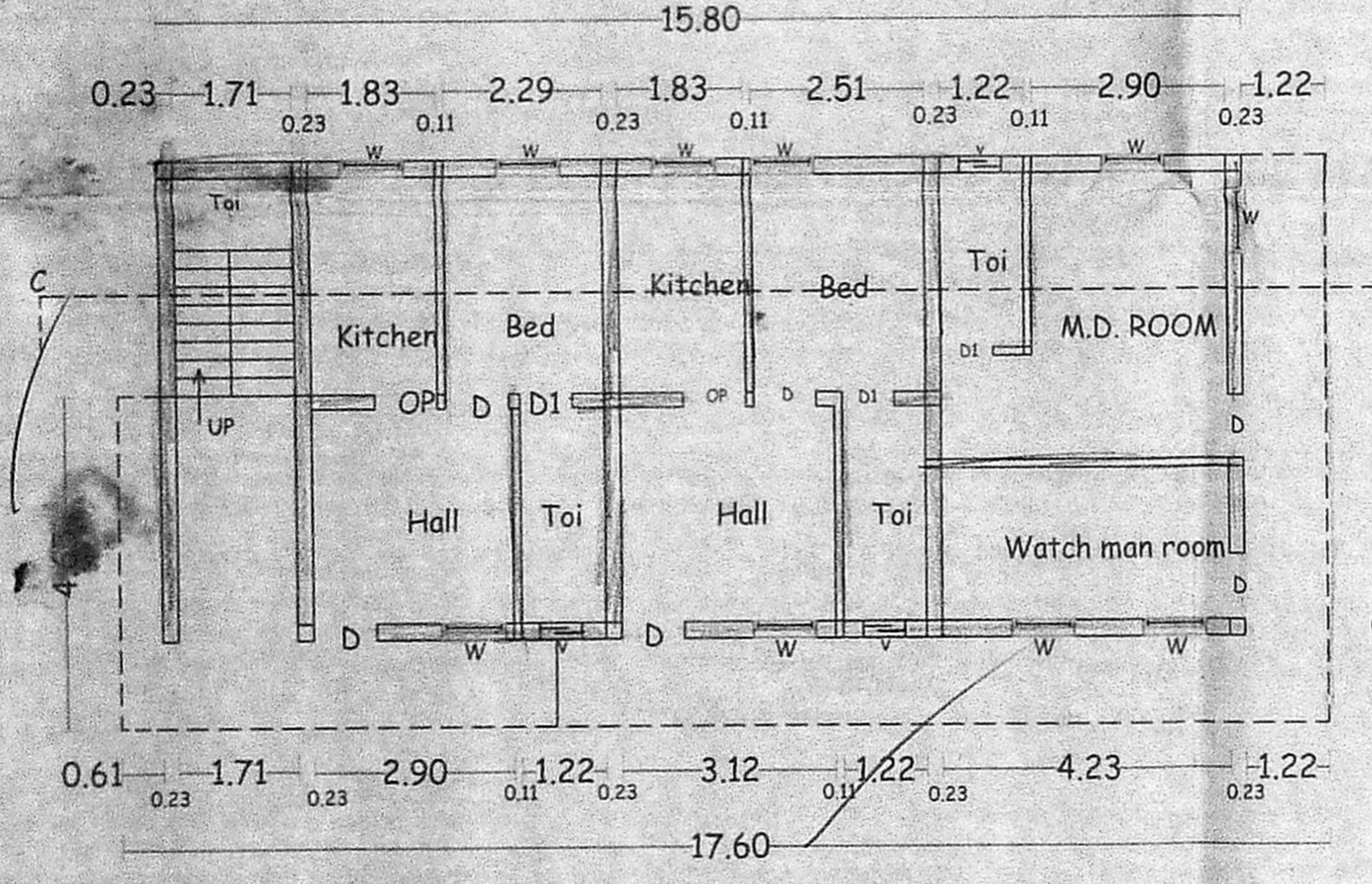
TERRACE FLOOR PLAN



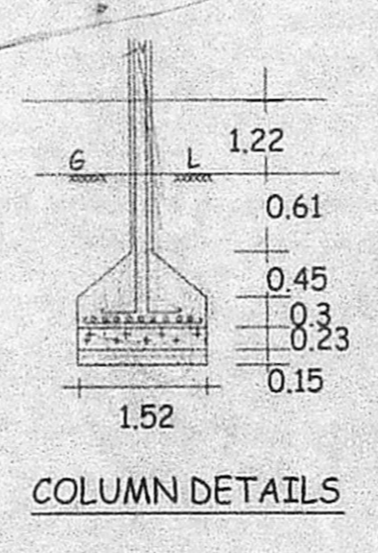
TERRACE FLOOR PLAN



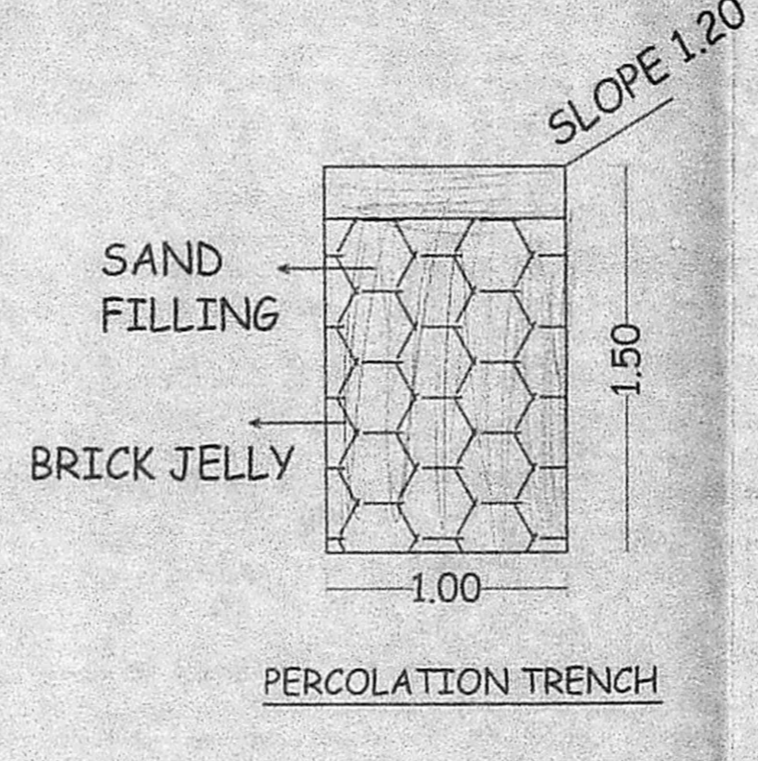
EXISTING GROUND FLOOR PLAN BLOCK NO 5 (WEIGH BRIDGE OFFICE)



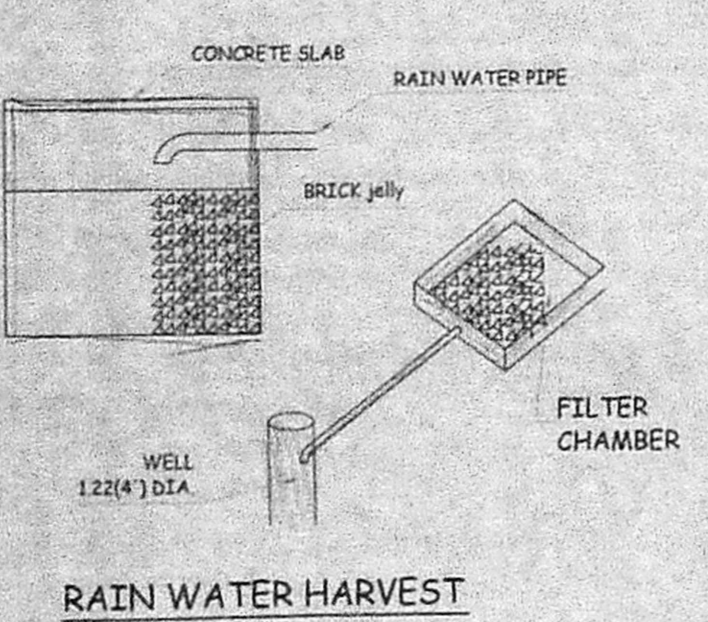
EXISTING GROUND FLOOR PLAN BLOCK NO 3 (Workers Rest Room)



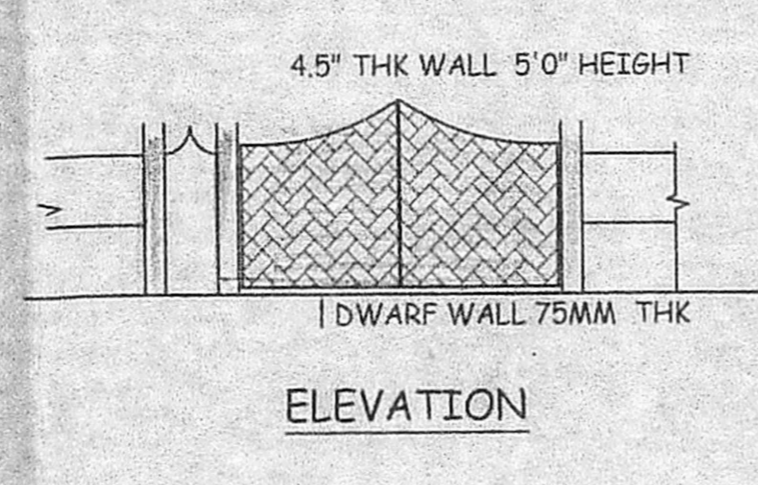
COLUMN DETAILS



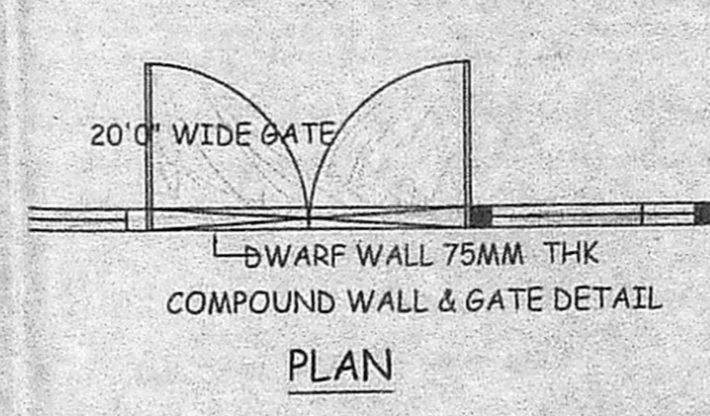
PERCOLATION TRENCH



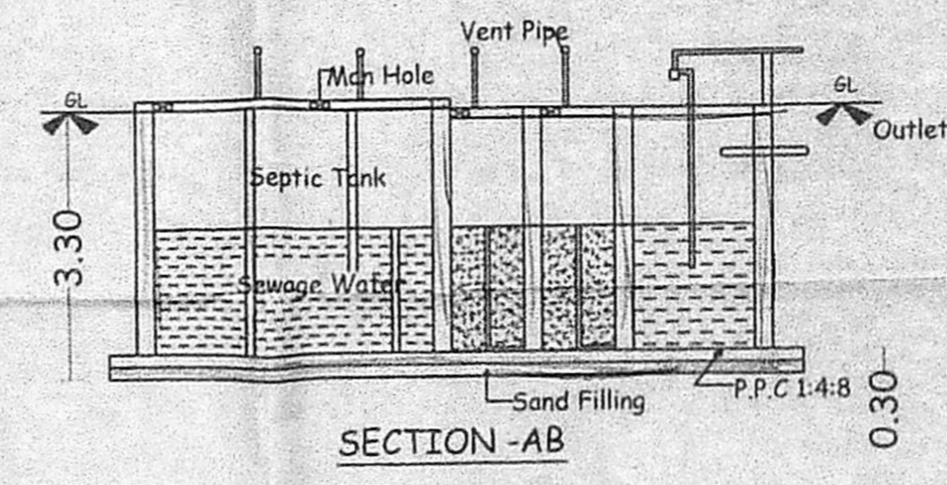
RAIN WATER HARVEST



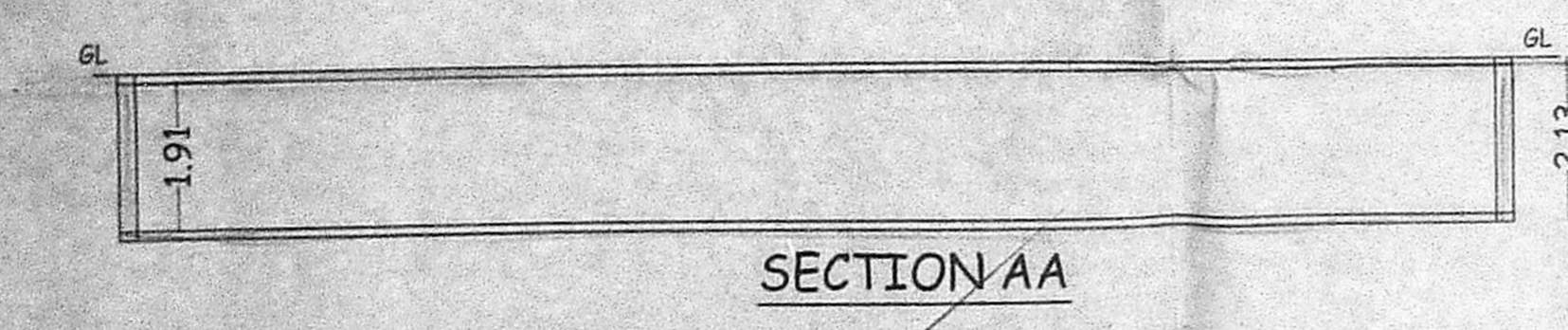
ELEVATION



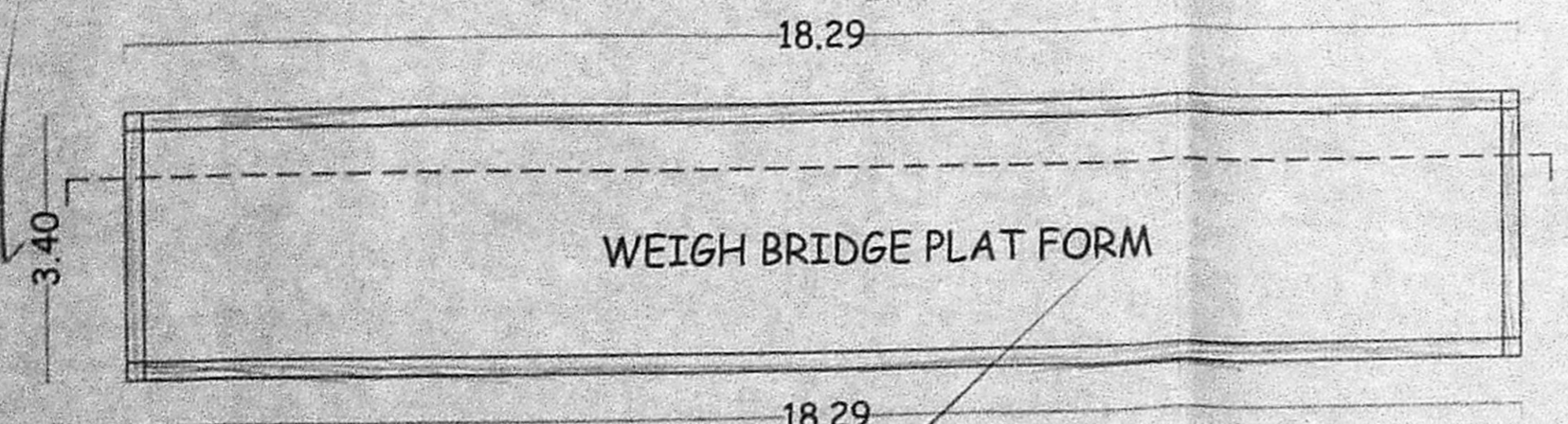
PLAN



SECTION -AB

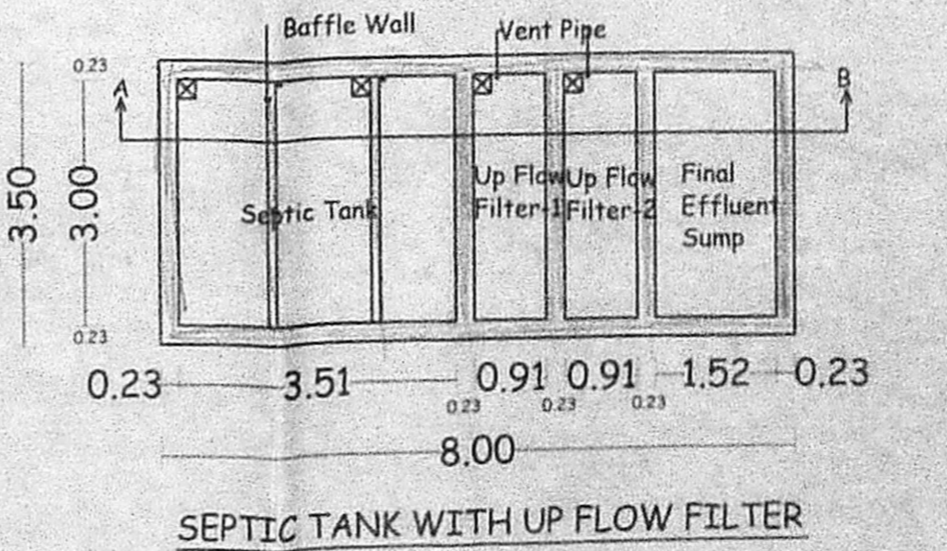


SECTION AA



WEIGH BRIDGE PLAT FORM

PLAN



SEPTIC TANK WITH UP FLOW FILTER

SCALE = 1:100

OWNER

R. Chandrasekaran
R. CHANDRASEKARAN B.E. CIVIL ENGR.
Structural Engineer, Approved Valuer No. 20271,
Chartered Engineer, Licensed Surveyor, Class - 1999,
F.I. (Urban Plan), 12, Regamangal Street,
Palurathangal, Chennai - 600 014.
Mob: 9444920118, email: rchandrasekaran55@gmail.com

ENGINEER