

It should be minimum 24 % of the set backs area

$$\text{Area of set backs} = 30.00 \times 7.50 + 30.00 \times 4.50 + 48.00 \times 3.00 + 48.00 \times 3.00 \\ = 648.00 \text{ SQ. M.}$$

$$\text{Hence, plantation area required} = 648.00 \times \frac{24}{100} = 162.00 \text{ SQ. M.}$$

TITLE:- (SHEET NO. 02)
PROP. INDUSTRIAL BUILDING PLAN OF "
M/S NILGIRI ELECTRICALS " SITUATED AT
PLOT NO.- 26, SEC.- 6A, INTEGRATED
INDUSTRIAL ESTATE, RANIPUR, HARDWAR

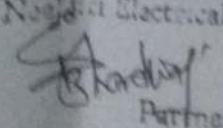
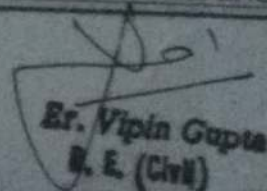
SCHEDULE OF OPENINGS	Sl No.	Symbol	Description	Size	Chill at
	01	R.S.	Rolling Shutter	3.00 X 3.00	-
	02	D0	Door	1.80 X 2.40	-
	03	D	Door	1.20 X 2.40	-
	04	D	Door	2.10 X 2.40	-
	05	D1	Door	0.90 X 2.10	-
	06	D2	Door	0.75 X 2.10	-
	07	D3	Door	1.06 X 2.10	-
	08	D4	Door	1.20 X 2.10	-
	09	W	Window	2.74 X 1.50	0.90
	10	W1	Window	1.83 X 1.20	0.90
	11	W2	Window	1.83 X 0.90	1.20
	12	W3	Window	3.00 x 1.50	0.90
	13	W4	Window	0.90 x 1.20	0.90
	14	V	Ventilator	2.74 x 0.31	1.94
	15	V1	Ventilator	0.90 x 0.45	2.40
	16	V2	Ventilator	2.74 X 0.75	2.10

LEGENDS

- PLANTATIONS
 F.H. FIRE HYDRANTS CONNECTED FROM 10,000 Ltrs. OVER
 HEAD WATER TANK
 TREES
 H.R. HOSE REEL
 FIRE EXTINGUISHER - SAND BUCKETS
 OVER HEAD WATER TANK 10,000 Ltrs. CAPACITY, PLACED
 ON TERRACE
 GAS, FIRE EXTINGUISHER 1 Kg. EACH, PROVIDED NEAR
 DOORS

ANALYSIS OF AREA (IN SQ. M.)

TOTAL PLOT AREA	= 1800.00 SQ. M.
COVD. AREA AT GROUND FLOOR INCLUDING GUARD ROOM, METER ROOM, & GEN. ROOM	= 899.971 SQ. M.
COVD. AREA AT FIRST FLOOR	= 626.163 SQ. M.
COVD. AREA AT SECOND FLOOR	= 243.227 SQ. M.
COVD. AREA AT MUMTY	= 30.332 SQ. M.
TOTAL COVD. AREA (G.F. + F.F. + S.F. + MUMTY)	= 1799.693 SQ. M.
GROUND COVERAGE	= 49.998 %
OPEN LAND AREA	= 900.029 SQ. M.
F.A.R.	= 0.9998
COVD. AREA AT BASEMENT	= 860.00 SQ. M.

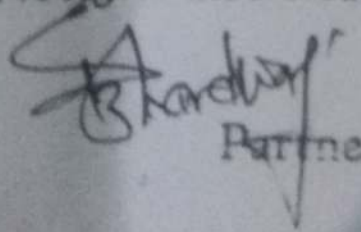
OWNER'S SIGN.	SIGN. OF ARCHITECT	SIGN. OF STRUCTURAL ENGR.
For Nilgiri Electricals  Partner		 Er. Vipin Gupta R. E. (Civil)

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PARIKALP CONSULTANTS

ANALYSIS OF AREA (IN SQ. M.)

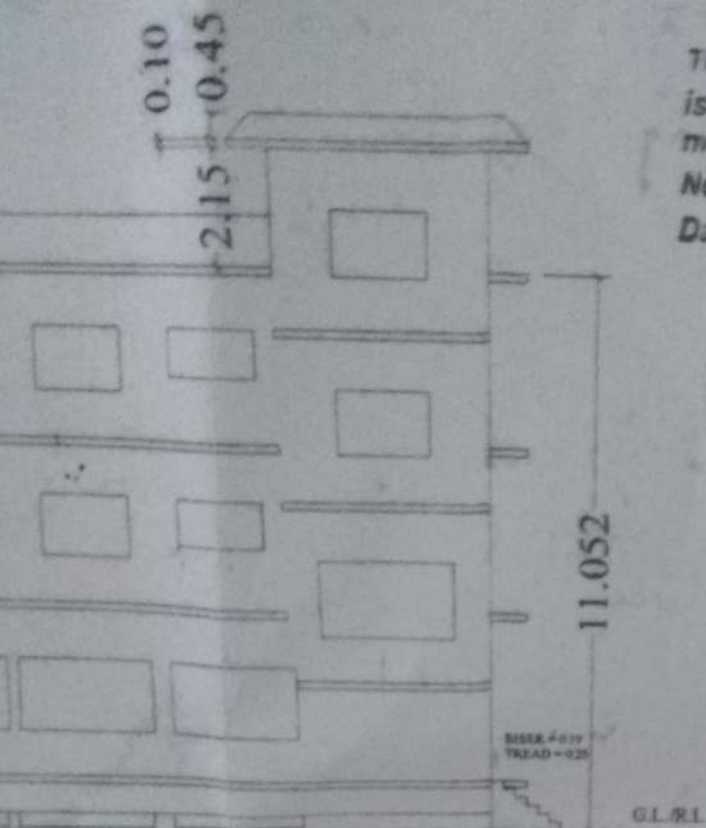
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OWNER'S SIGN.	SIGN. OF ARCHITECT	SIGN. OF STRU
For Neelani Electricals  Partner		

DRAWN BY:-

PARIKALP CONSULTANTS

F-21, SURYA COMPLEX, HARDWAR, PH- 01334-225670, 9837176009



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[Signature]
 AUTHORIZED SIGNATORY
 S.I.D.A.

Recommended for Sanction

[Signature]
 V. P. BHARDWAJ
 (Engineer)
 SIDCUL, Dehradun

ATION

ANALYSIS OF PARKING AREA

Parking area required	= $\frac{\text{Total covd. area}}{80.00} \times \text{whole no.} \times 0.5 \text{ parking space}$
	= $\frac{1799.693}{80.00} \times \text{whole no.} \times 0.5 \times 18.00$
	= 207.00 Sq. M.
Parking area provided	= 207.004 Sq. M.

ELECTRICAL LOAD REQUIREMENT = 200 KW

ANALYSIS OF LOADING & UNLOADING SPACE

Required space	= $\frac{(\text{Floor area} - 200.00)}{1000.00} \times \text{Whole no.} \times 18.00$
	= $\frac{1799.693 - 200.00}{1000.00} \times \text{whole no.} \times 18.00$
	= 36.00 Sq. M.

PROVIDED SPACE = 36.00 Sq. M.

ANALYSIS OF PROVISION OF TREES

No. of trees required	= $\frac{\text{open space}}{80} = \frac{900.029}{80} = 11.25 \text{ SAY } 12 \text{ Nos.}$
No. of trees provided	= 12 Nos.

ANALYSIS OF RAIN WATER HARVESTING

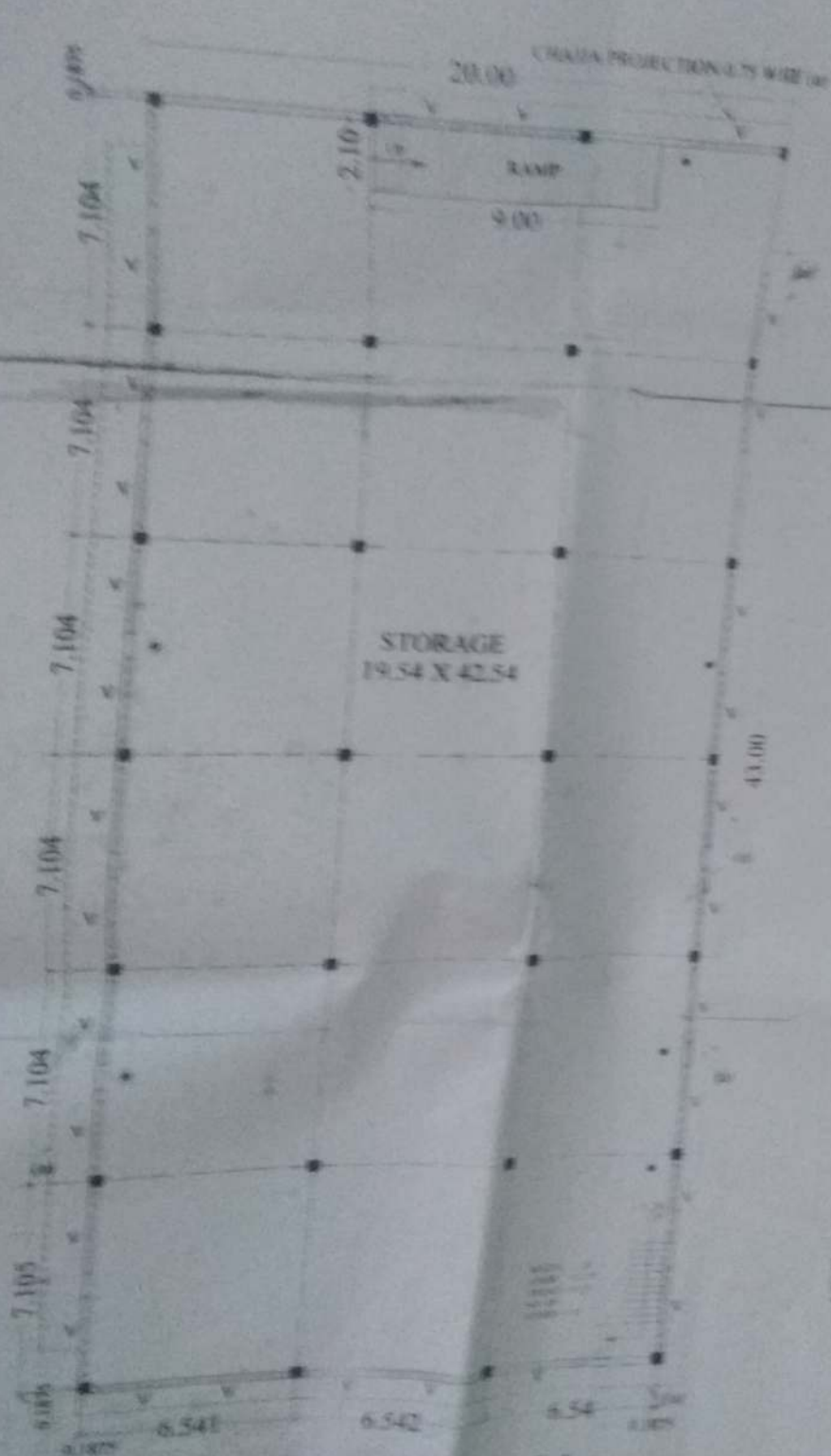
Capacity required	= $20.00 + \frac{(1799.693 - 225.00)}{50.00} \times \text{whole number} \times 5.00$
	= 180.00 Cu. M.
Capacity provided	= 180.00 Cu. M.

ANALYSIS OF PLANTATION AREA

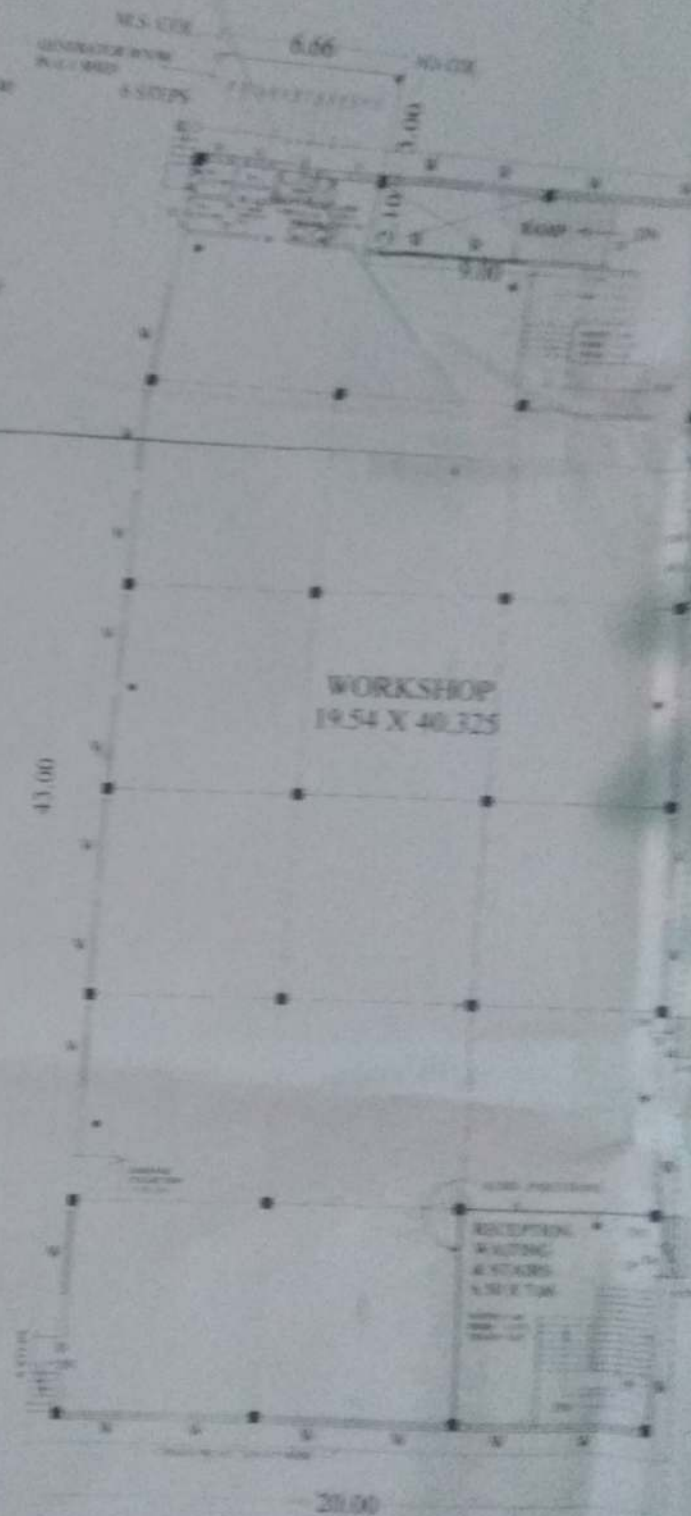
It should be minimum 25 % of the set backs area

$$\text{Area of set backs} = 30.00 \times 7.50 + 30.00 \times 4.50 + 48.00 \times 3.00 + 48.00 \times 3.00 = 648.00 \text{ SQ. M.}$$

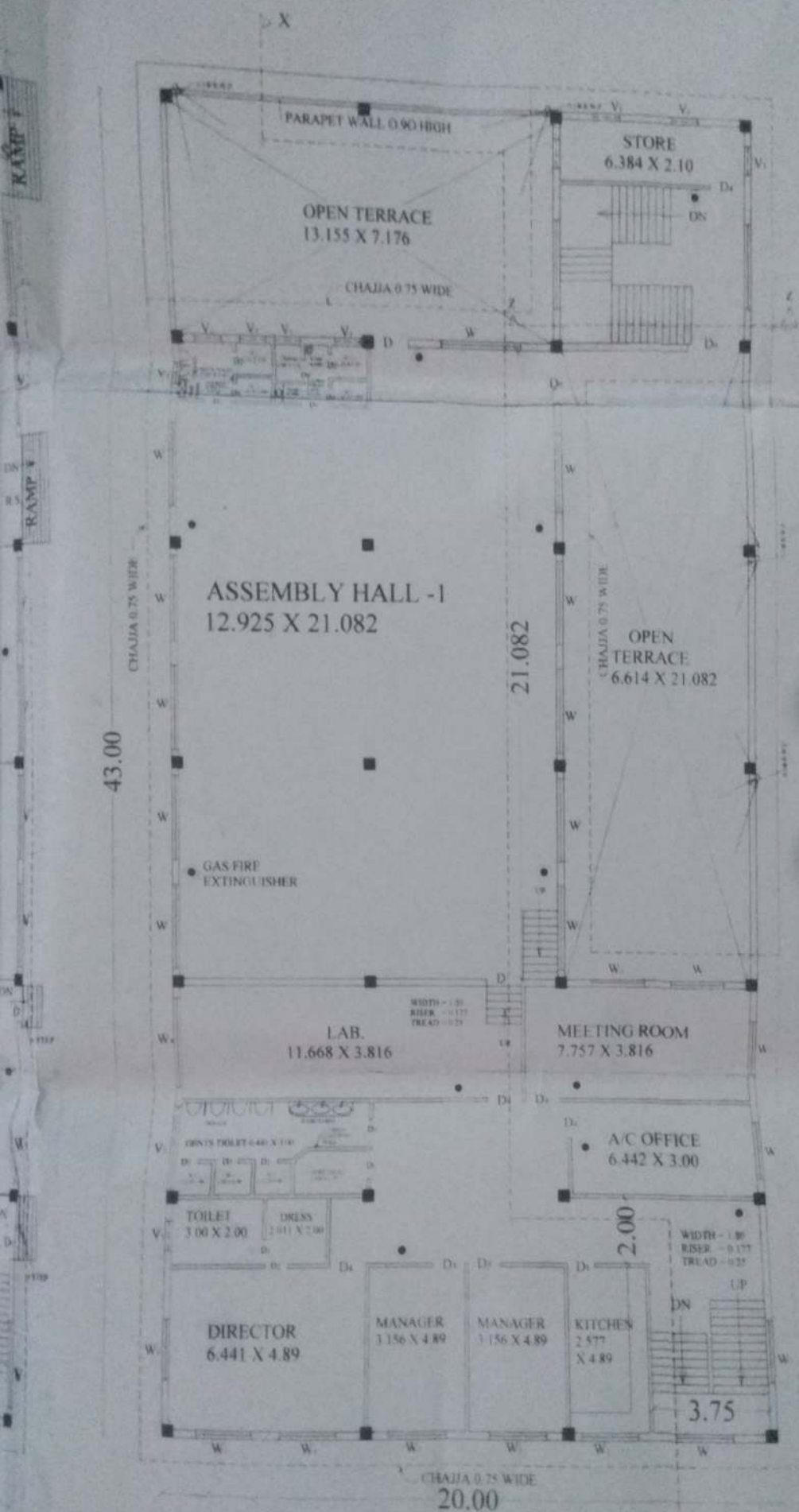
$$\text{Hence, plantation area required} = 648.00 \times \frac{25}{100} = 162.00 \text{ SQ. M.}$$



BASEMENT PLAN



GROUND FLOOR PLAN



FIRST FLOOR PLAN

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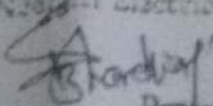
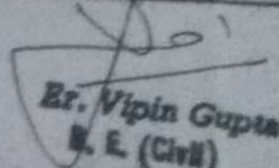
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COVD. AREA AT BASEMENT	= 880.00 SQ. M.

OWNER'S SIGN	SIGN OF ARCHITECT	SIGN OF STRUCTURAL ENGR.
For Nilgiri Electricals  Partner		 Er. Vipin Gupta B. E. (Civil)

DRAWN BY:

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