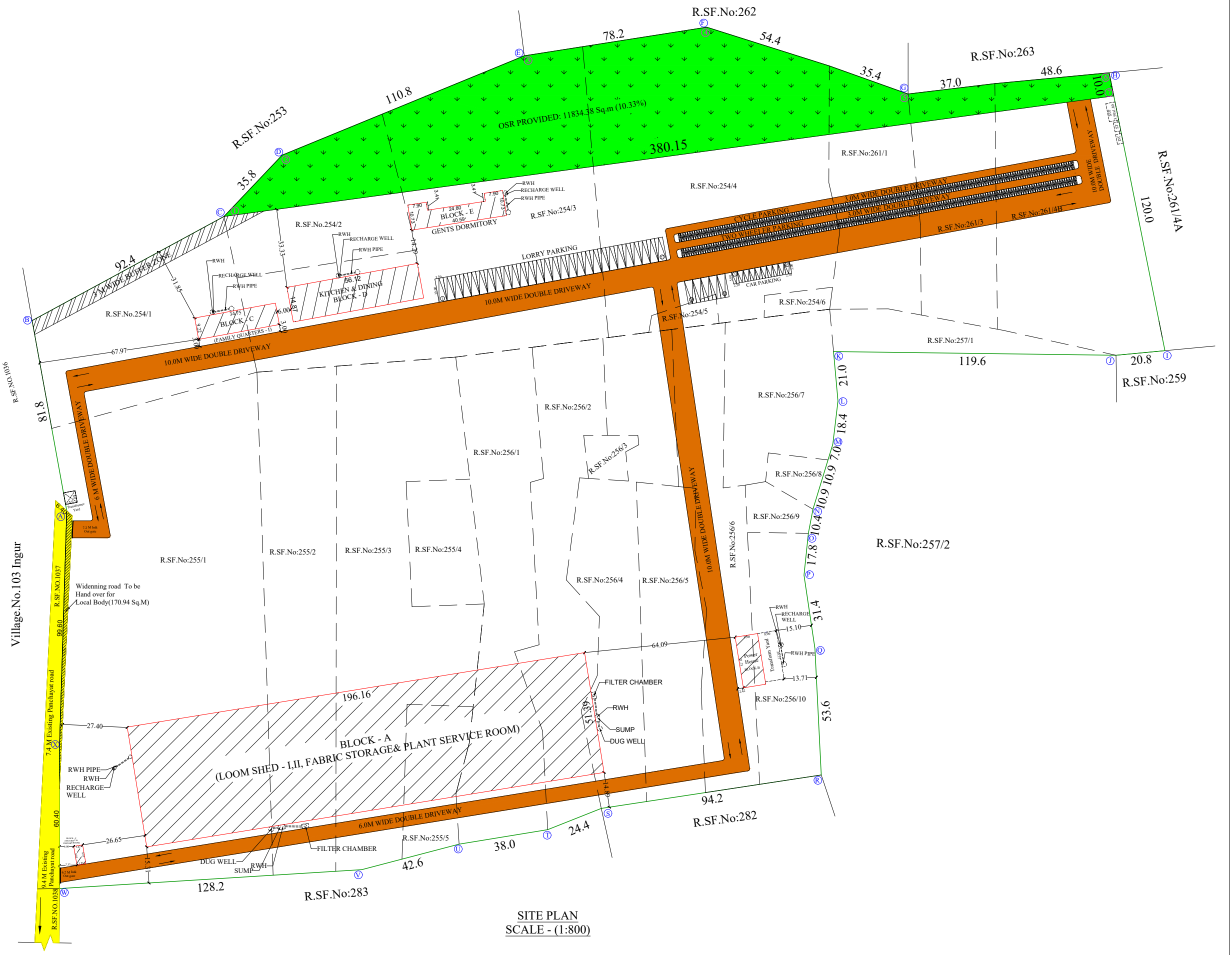
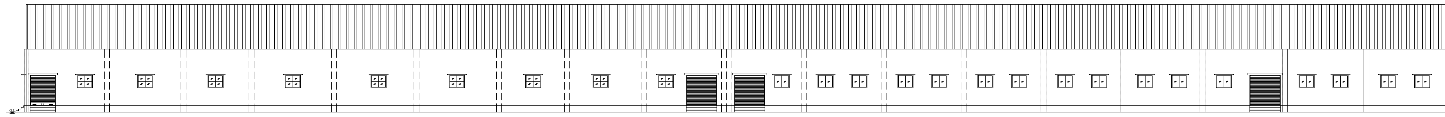

R.SF.No:262
78.2
54.4
35.4
37.0
48.6
R.SF.No:263
10.0
110.8
R.SF.No:253
35.8
OSR PROVIDED: 11834.38 Sq.m (10.33%)
380.15
R.SF.No:261/1
R.SF.No:254/4
R.SF.No:261/4A
120.0
92.4
7 M WIDE BUFFER ZONE
R.SF.No:254/2
R.SF.No:254/3
BLOCK - E
GENTS DORMITORY
RWH
RECHARGE WELL
RWH PIPE
KITCHEN & DINING
BLOCK - D
LORRY PARKING
CYCLE PARKING
TWO WHEELER PARKING
3.0M WIDE DOUBLE DRIVEWAY
R.SF.No:261/3
R.SF.No:261/4B
10.0M WIDE DOUBLE DRIVEWAY
CAR PARKING
R.SF.No:254/1
BLOCK - C
(FAMILY QUARTERS - I)
R.SF.No:254/5
R.SF.No:254/6
67.97
R.SF.No:257/1
119.6
20.8
R.SF.No:259
R.SF.NO.1036
81.8
6 M WIDE DOUBLE DRIVEWAY
21.0
R.SF.No:256/7
R.SF.No:256/2
18.4
7.0
R.SF.No:256/1
R.SF.No:256/3
R.SF.No:256/8
10.9
10.4
R.SF.No:256/9
17.8
R.SF.No:257/2
Transformer Yard
7.2 M Indi Out gate
Village.No.103 Ingur
R.SF.NO.1037
99.60
Widenning road To be Hand over for Local Body(170.94 Sq.M)
R.SF.No:255/1
R.SF.No:255/2
R.SF.No:255/3
R.SF.No:255/4
R.SF.No:256/4
R.SF.No:256/5
R.SF.No:256/6
31.4
RWH
RECHARGE WELL
15.10
64.09
Power House
Transform Yard
RWH PIPE
13.71
R.SF.No:256/10
53.6
FILTER CHAMBER
196.16
51.39
RWH
SUMP
DUG WELL
27.40
BLOCK - A
(LOOM SHED - I,II, FABRIC STORAGE& PLANT SERVICE ROOM)
7.4 M Existing Panchayat road
RWH PIPE
RWH
RECHARGE WELL
60.40
26.65
6.0M WIDE DOUBLE DRIVEWAY
14.80
94.2
R.SF.No:282
24.4
38.0
R.SF.No:255/5
42.6
FILTER CHAMBER
DUG WELL
SUMP
RWH
128.2
R.SF.No:283
9.4 M Existing Panchayat road
R.SF.NO.1038
A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W
X

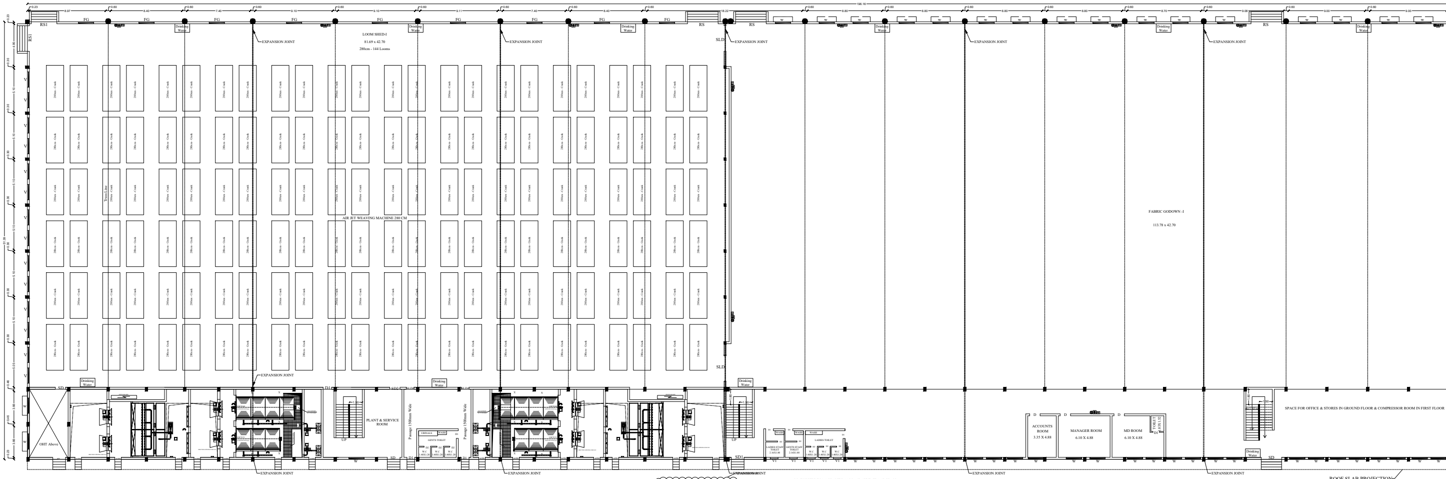
SITE PLAN
SCALE - (1:800)

Signature Not Verified
Signed by: Assistant Director
Location:Erode
Date:2023.03.24 [illegible]:26:08

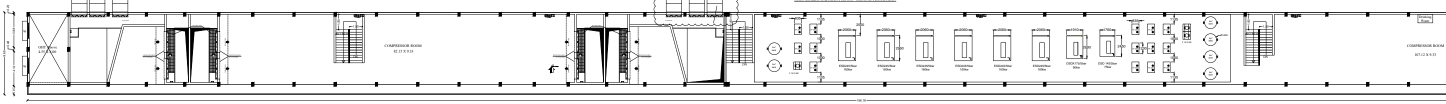
Signature Not Verified
Signed by: Director
Location:null
Date:2023.03.0[illegible]7:12:45



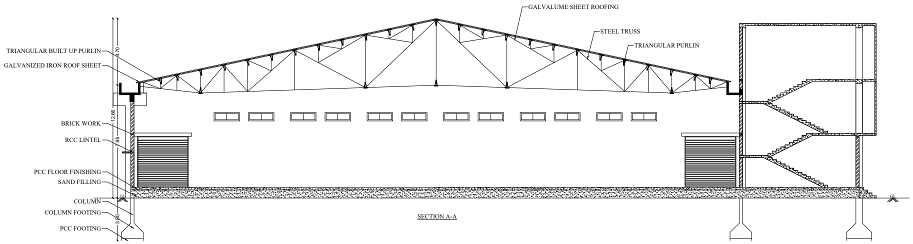
SOUTHERN SIDE ELEVATION


FG
RS1
RS
SLD
LOOM SHED-I
81.69 x 42.70
280cm - 144 Looms
EXPANSION JOINT
Drinking Water
280cm - Crank
AIR JET WEAVING MACHINE 280 CM
FABRIC GODOWN -I
113.78 x 42.70
OHT Above
PLANT & SERVICE ROOM
Passage 1500mm Wide
URINALS
WASH
GENTS TOILET
W.C
UP
SD
SD1
SD2
D1
LADIES STAFF TOILET 2.16X1.80
GENTS STAFF TOILET 2.16X1.80
LADIES TOILET
ACCOUNTS ROOM 3.35 X 4.88
MANAGER ROOM 6.10 X 4.88
MD ROOM 6.10 X 4.88
TOILET 1.83X 1.52
SPACE FOR OFFICE & STORES IN GROUND FLOOR & COMPRESSOR ROOM IN FIRST FLOOR
ROOF SLAB PROJECTION

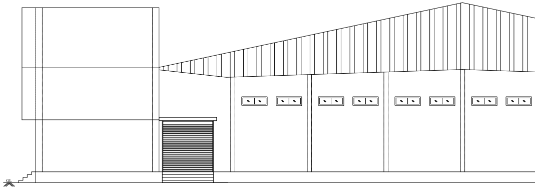
MAIN BUILDING & PLANT ROOM - GROUND FLOOR PLAN


OHT Above 4.55 X 3.00
COMPRESSOR ROOM
82.15 X 9.33
DN
ESD245/5bar 160kw
DSDX175/5bar 90kw
DSD 145/5bar 75kw
COMPRESSOR ROOM
107.12 X 9.33
196.16

COMPRESSOR ROOM - FIRST FLOOR PLAN

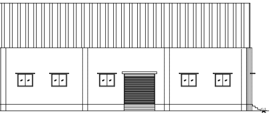

GALVALUME SHEET ROOFING
STEEL TRUSS
TRIANGULAR PURLIN
TRIANGULAR BUILT UP PURLIN
GALVANIZED IRON ROOF SHEET
BRICK WORK
RCC LINTEL
PCC FLOOR FINISHING
SAND FILLING
COLUMN
COLUMN FOOTING
PCC FOOTING
1.70
12.66
7.96
3.00
GL

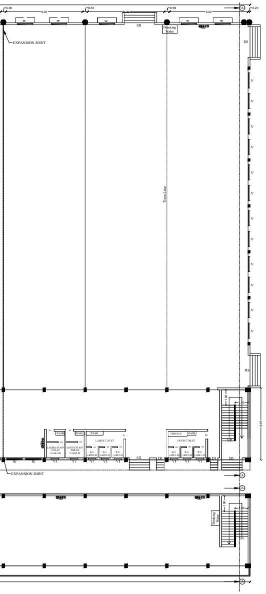
SECTION A-A

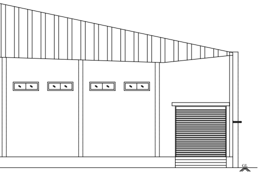


NORTH SIDE ELEVATION

BLOCK - A

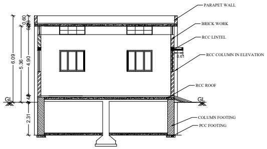



0.60
9.00
0.60
9.22
0.23
W
RS
Drinking Water
EXPANSION JOINT
RS
V
Truss Line
WASH
LADIES STAFF TOILET 2.16X1.80
GENTS STAFF TOILET 2.16X1.80
LADIES TOILET
W.C 1.40X1.20
URINALS
GENTS TOILET
UP
8.46
1.80
1.50
SD
D1
V1
EXPANSION JOINT
A
Drinking Water
DN

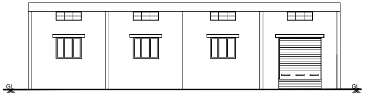


BLOCK - B

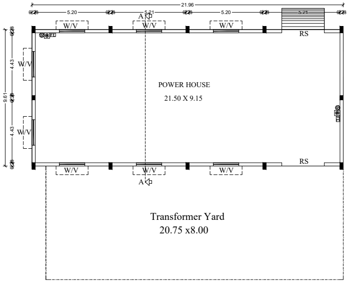
SCALE - 1 : 100


PARAPET WALL
BRICK WORK
RCC LINTEL
RCC COLUMN IN ELEVATION
RCC ROOF
GL
COLUMN FOOTING
PCC FOOTING
6.09
5.36
4.90
0.60
2.31

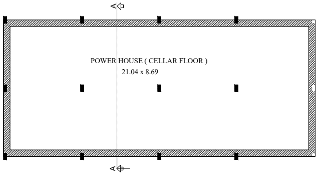
SECTION ON-BB



WESTERN ELEVATION

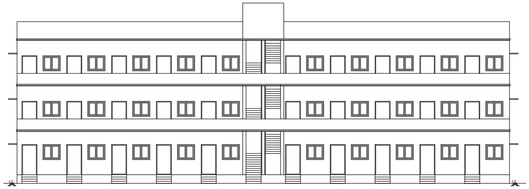

21.96
5.20
5.21
5.20
5.23
A
W/V
RS
4.43
9.61
4.43
POWER HOUSE
21.50 X 9.15
RS
Transformer Yard
20.75 x8.00

POWER HOUSE -GROUND FLOOR PLAN

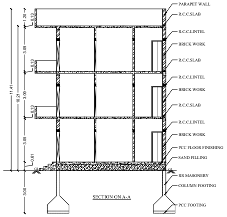

POWER HOUSE (CELLAR FLOOR)
21.04 x 8.69

POWER HOUSE -CELLAR FLOOR PLAN

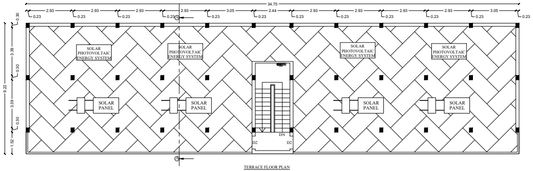
BLOCK - C



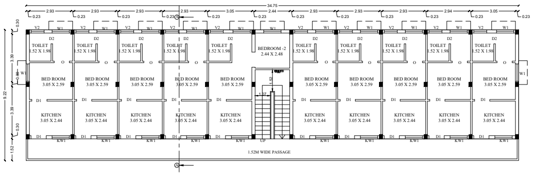
SOUTH SIDE ELEVATION


PARAPET WALL
R.C.C.SLAB
R.C.C.LINTEL
BRICK WORK
R.C.C.SLAB
R.C.C.LINTEL
BRICK WORK
R.C.C.SLAB
R.C.C.LINTEL
BRICK WORK
PCC FLOOR FINISHING
SAND FILLING
RR MASONERY
COLUMN FOOTING
PCC FOOTING
1.20
3.09
3.09
3.06
0.61
3.00
11.41
10.21

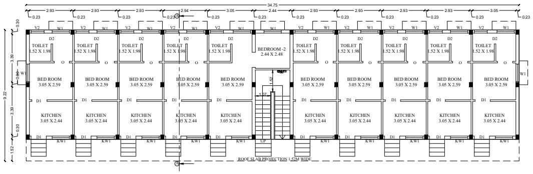
SECTION ON A-A


34.75
2.93
3.05
2.44
0.23
9.22
3.39
0.30
1.52
SOLAR PHOTOVOLTAIC ENERGY SYSTEM
SOLAR PANEL
DN
D2
A

TERRACE FLOOR PLAN

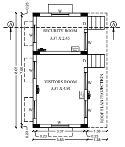

34.75
2.93
3.05
2.44
2.94
0.23
A
V2
W1
D2
TOILET 1.52 X 1.98
BEDROOM -2 2.44 X 2.48
O
BED ROOM 3.05 X 2.59
1.52
1.07
D1
KITCHEN 3.05 X 2.44
KW1
UP
1.52M WIDE PASSAGE
9.22
3.39
0.30
1.52

TYPICAL FIRST & SECOND FLOOR PLAN

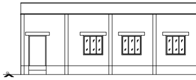

34.75
2.93
2.94
3.05
2.44
0.23
V2
W1
D2
TOILET 1.52 X 1.98
BEDROOM -2 2.44 X 2.48
O
BED ROOM 3.05 X 2.59
1.52
1.07
D1
KITCHEN 3.05 X 2.44
KW1
UP
ROOF SLAB PROJECTION 1.52M WIDE
9.22
3.39
0.30
1.52

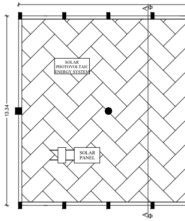
FAMILY QUARTERS I & GROUND FLOOR PLAN

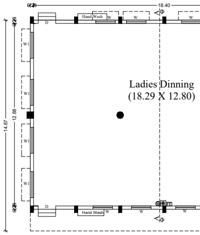
TYPICAL BLOCK -C


0.23
A
W
D
SECURITY ROOM
3.37 X 2.45
VISITORS ROOM
3.37 X 4.91
ROOF SLAB PROJECTION
8.05
7.59
3.37
1.38
0.23
3.83

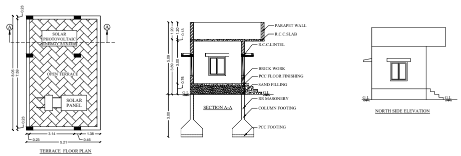
GROUND FLOOR PLAN




13.34
SOLAR PHOTOVOLTAIC ENERGY SYSTEM
SOLAR PANEL

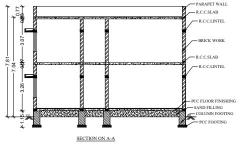

18.40
Hand Wash
W
D
W1
14.87
12.88
Ladies Dinning
(18.29 X 12.80)

BLOCK - F

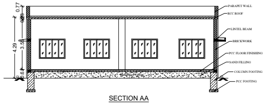

SOLAR PHOTOVOLTAIC ENERGY SYSTEM
OPEN TERRACE
SOLAR PANEL
TERRACE FLOOR PLAN
PARAPET WALL
R.C.C.SLAB
R.C.C.LINTEL
BRICK WORK
PCC FLOOR FINISHING
SAND FILLING
RR MASONERY
COLUMN FOOTING
PCC FOOTING
SECTION A-A
NORTH SIDE ELEVATION
G.L

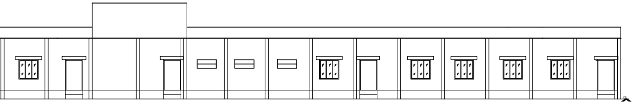
BLOCK - E

SCALE - 1 : 100

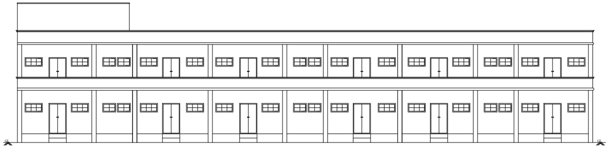

PARAPET WALL
R.C.C.SLAB
R.C.C.LINTEL
BRICK WORK
R.C.C.SLAB
R.C.C.LINTEL
PCC FLOOR FINISHING
SAND FILLING
COLUMN FOOTING
PCC FOOTING
7.81
7.04
3.07
3.26
SECTION ON A-A

BLOCK - D

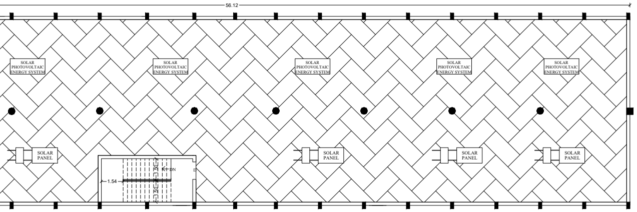

PARAPET WALL
RCC ROOF
LINTEL BEAM
BRICKWORK
PCC FLOOR FINISHING
SAND FILLING
COLUMN FOOTING
PCC FOOTING
0.77
4.29
SECTION AA

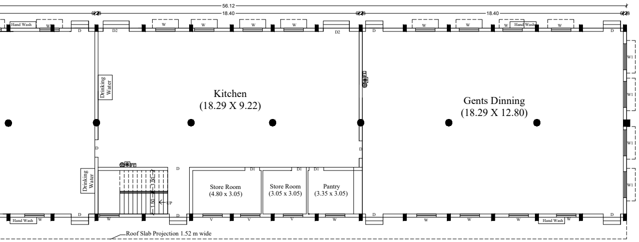


SOUTHERN SIDE ELEVATION

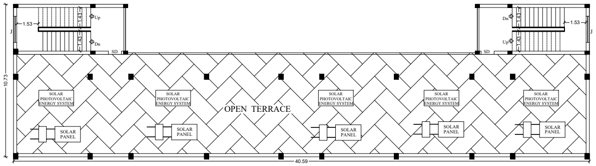


SOUTHSIDE ELEVATION

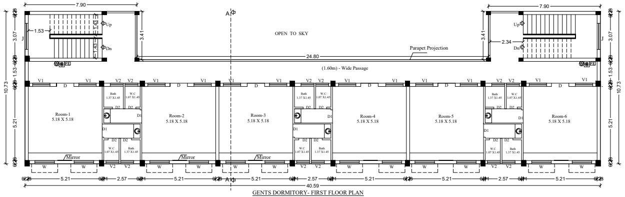

56.12
SOLAR PHOTOVOLTAIC ENERGY SYSTEM
SOLAR PANEL
1.54
DN


56.12
18.40
18.40
Hand Wash
Drinking Water
Kitchen
(18.29 X 9.22)
Gents Dinning
(18.29 X 12.80)
Store Room
(4.80 x 3.05)
Store Room
(3.05 x 3.05)
Pantry
(3.35 x 3.05)
UP
Roof Slab Projection 1.52 m wide

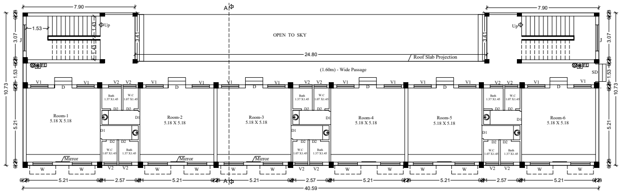
KITCHEN & DINNING - GROUND FLOOR PLAN


Up
Dn
1.53
SD
10.73
SOLAR PHOTOVOLTAIC ENERGY SYSTEM
OPEN TERRACE
SOLAR PANEL
40.59

GENTS DORMITORY- TERRACE FLOOR PLAN


7.90
7.90
OPEN TO SKY
Parapet Projection
24.80
(1.60m) - Wide Passage
Room-1
5.18 X 5.18
Room-2
5.18 X 5.18
Room-3
5.18 X 5.18
Room-4
5.18 X 5.18
Room-5
5.18 X 5.18
Room-6
5.18 X 5.18
Mirror
5.21
2.57
40.59
10.73
3.07
1.53
5.21

GENTS DORMITORY- FIRST FLOOR PLAN


7.90
7.90
OPEN TO SKY
Roof Slab Projection
24.80
(1.60m) - Wide Passage
Room-1
5.18 X 5.18
Room-2
5.18 X 5.18
Room-3
5.18 X 5.18
Room-4
5.18 X 5.18
Room-5
5.18 X 5.18
Room-6
5.18 X 5.18
Mirror
5.21
2.57
40.59
10.73

GENTS DORMITORY- GROUND FLOOR PLAN

JOINERY DETAILS

1	ROLLING SHUTTER - RS	3.60 X 3.60
2	ROLLING SHUTTER1 - RS1	3.00 X 3.60
3	ROLLING GRILL - RG	3.00 X 3.60
4	STEEL DOOR - SD	2.40 X 2.40
5	STEEL DOOR1 - SD1	1.50 X 2.40
6	STEEL DOOR2 - SD2	1.20 X 2.40
7	STEEL SLIDING DOOR - SLD	3.00 X 2.40
8	AIR TIGHT DOOR - ATD	0.76 X 2.44
9	MAIN DOOR - MD	1.06 X 2.14
10	DOOR - D	1.22 X 2.40
11	DOOR 1 -D1	0.76 X 2.40
12	DOOR 2 - D2	0.76 X 2.14
13	OPENING - O	1.37 X 2.14
14	JOLLY - J	1.83 X 0.61
15	WINDOW - W	1.80 X 1.50
16	WINDOW1 - W1	1.20 X 1.50
17	FIXED GLAZING - FG	1.83 X 1.52
18	VENTILATOR - V	1.80 X 1.50
19	VENTILATOR1 - V1	0.91 X 0.45
20	VENTILATOR2 - V2	0.91 X 0.61

COLOR INDEX		REFERENCE
SITE BOUNDARY	▭	FIRE ALARM SYSTEM
EXISTING ROAD	🟨	HOSE REEL
PROPOSED BUILDING	▨	FIRE FIGHTING EQUIPMENT
DRIVE WAY	🟧	DRINKING WATER
OSR	🟩	

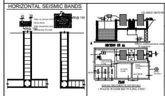
MACHINERY DETAILS

NAME	NUMBERS	HP	TOTAL
AIR JET WEAVING MACHINE 280 CM	144	50.00	7200.00
COMPRESSOR	9	20.00	180.00
HUMIDIFICATION PLANT	1	25.00	25.00
CHECKING MACHINES	15	25.00	375.00
LIGHT	1	40.00	40.00
	TOTAL HP		7820.00

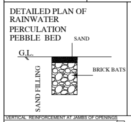
Widenning road	170.94 Sq.m

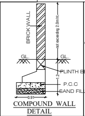
OSR DETAILS:

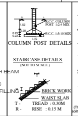
REQUIRED FOR OSR	PROVIDED FOR OSR
11459.00 Sq.m (10.00%)	11834.38 Sq.m (10.33%)

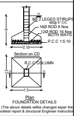

HORIZONTAL SEISMIC BANDS
Ø6@ 150
GEARED MOTOR
SECTION ON AA
PLAN
SEWAGE TREATMENT PLANT DETAILS
(WASTE WATER RECYCLING UNIT)

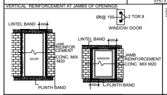
NO.OF.WORKERS	
MALE	100
FEMALE	50
HP.OF.BUILDING	2065 HP

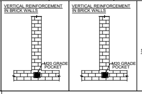

DETAILED PLAN OF RAINWATER PERCULATION PEBBLE BED
SAND
G.L.
BRICK BATS
SAND FILLING

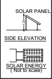

BRICK WALL
not exceeding 2.0m ht.
GL.
GL.
PLINTH BEAM
P.C.C
SAND FILLING
0.91
1.2
COMPOUND WALL DETAIL

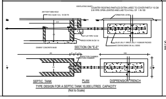

R.C.C. COLUMN POST 1:2:4 MIX
P.C.C. 1:5:10 MIX
COLUMN POST DETAILS
STAIRCASE DETAILS
(NOT TO SCALE)
BRICK WORK
WAIST SLAB
T - TREAD : 0.30M
R - RISE : 0.15 M

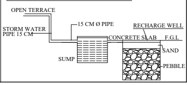

8Ø 2 LEGED STIRUPS 8Ø@ 6" C/C
16Ø ROD 8 Nos
12Ø ROD 16 Nos BOTH WAYS
P.C.C 1:5:10
2.10
Section on CD
R.C.C COLUMN
1.5
Plan
FOUNDATION DETAILS
(The above details willbe changed asper the soiltest report & structural Engineer instruction


VERTICAL REINFORCEMENT AT JAMBS OF OPENINGS
Ø6@ 150
2 TOR 8
WINDOW/ DOOR
LINTEL BAND
300
DOOR
JAMB REINFORCEMENT
CONC. MIX M20
WINDOW
PLINTH BAND


VERTICAL REINFORCEMENT IN BRICK WALLS
M20 GRADE POCKET
VERTICAL REINFORCEMENT IN BRICK WALLS
M20 GRADE POCKET


SOLAR PANEL
SIDE ELEVATION
SOLAR ENERGY
(Not to scale)


SECTION ON "E-E"
SEPTIC TANK
PLAN
DISPRENSION TRENCH
TYPE DESIGN FOR A SEPTIC TANK 10,000 LITRES CAPACITY
(Not to Scale)


RAINWATER HARVESTING SYSTEM
OPEN TERRACE
15 CM Ø PIPE
RECHARGE WELL
STORM WATER PIPE 15 CM
CONCRETE SLAB
F.G.L
SAND
SUMP
PEBBLE

SITE AND DETAILED PLAN SHOWING THE PROPOSED CONSTRUCTION OF GI SHEET ROOF OF BLOCK-A HAVING GROUND FLOOR AND RCC ROOF OF BLOCK-A HAVING GROUND FLOOR, FIRST FLOOR AND GI SHEET ROOF AND RCC ROOF OF BLOCK-B HAVING GROUND FLOOR AND RCC ROOF OF BLOCK-C, HAVING GROUND FLOOR AND RCC ROOF OF BLOCK-D HAVING GROUND FLOOR AND RCC ROOF OF BLOCK-E HAVING GROUND FLOOR AND FIRST FLOOR AND RCC ROOF OF BLOCK-F HAVING GROUND FLOOR IN COTTON SPINNING AND WEAVING INDUSTRIAL (ORANGE CATEGORY) BUILDING WITH 2065 HP IN R.SF.NO:254/1, 254/2, 254/3, 254/4, 254/5, 254/6, 255/1, 255/2, 255/3, 255/4, 255/5, 256/1, 256/2, 256/3, 256/4, 256/5, 256/6, 256/7, 256/8, 256/9, 256/10, 257/1, 261/1, 261/2, 261/3 & 261/4B OF THENMUGAM VELLODE, PERUNDHURAI TALUK, ERODE DISTRICT.

SCALE - 1 : 600

All Dimensions Are in Meter

NAME OF THE APPLICANT :
STAR YARN BY ITS REPRESENTATIVE,
A.C.HARIHARANSUDHAN
A.G.MANOJ PRABHAKAR

ONLINE APPLICATION NO.: SWP/BPA/0007767/2023

AREA DETAILS :

As Per Patta	-	28.32 Acres (or) 114590.00 Sq.m
As Per Document	-	28.29 Acres (or) 114485.60 Sq.m
As Per Super Imposed Site Area	-	28.16¼ Acres (or) 113971.12 Sq.m

AREA DETAILS :

S.NO	DESCRIPTION	FSI AREA (in Sq.m)	NON FSI AREA (in Sq.m)	TOTAL BUILT UP AREA (in Sq.m)
BLOCK-A (LOOM SHED-I,II & FABRIC STORAGE)				
1	GROUND FLOOR	8466.27	-	8466.27
BLOCK -A (PLANT ROOM& COMPRESSOR ROOM)				
1	GROUND FLOOR	1614.40	-	1614.40
2	FIRST FLOOR	1895.04	-	1895.04
BLOCK -B (POWER HOUSE)				
1	BASEMENT FLOOR	-	211.04	211.04
2	GROUND FLOOR	211.04	-	211.04
BLOCK-C (FAMILY QUARTERS I)				
1	GROUND FLOOR	267.42	-	267.42
2	FIRST FLOOR	320.40	-	320.40
3	SECOND FLOOR	320.40	-	320.40
4	HEAD ROOM	-	18.86	18.86
BLOCK-D (KITCHEN & DINNING)				
1	GROUND FLOOR	748.63	-	748.63
2	HEAD ROOM		24.33	24.33
BLOCK-E (GENTS DORMITORY)				
1	GROUND FLOOR	351.10	-	351.10
2	FIRST FLOOR	351.10		351.10
3	HEAD ROOM	-	55.70	55.70
BLOCK-F (SECURITY ROOM & VISITORS ROOM)				
1	GROUND FLOOR	30.86	-	30.86
TOTAL :		14576.66	309.93	14886.59

$$\text{FLOOR SPACE INDEX} = \frac{\text{FSI AREA}}{\text{SITE AREA}} = \frac{14576.66}{113971.12 \text{ Sqm}} = 0.128 < 1.5$$

Parking Area Description	Area	Required	Provided
1 Car space for every 100 Sq.m of Office floor area or Part thereof	87.95/100	1	10
1 two wheeler space for every 50 Sq.m of workshop floor area or Part thereof	14576.66/50	292	340
1 Cycle space for every 50 Sq.m of workshop floor area or Part thereof	14576.66/50	292	340
1 Lorry space for every 500 Sq.m of workshop floor area or Part thereof	14576.66/500	30	32

C-P
Er.C.PALANISAMY, B.E.,
Registered Engineer - 001/RE-II
Registered Structural Engineer - 016/RSE-II
Licensed Building Surveyor - 032/26/2016-17
Consulting Civil Engineer
RG Builers, No:59/1, Swapna Towers (Third Floor),
Stanes Road 4th Street, Avinashi Main Road,
Tirupur - 641 602. Cell No : 98940 42540
E.mail : cpsamy.rgbuilders@gmail.com

REGISTERED ENGINEER

C-P
Er.C.PALANISAMY, B.E.,
Registered Engineer - 001/RE-II
Registered Structural Engineer - 016/RSE-II
Licensed Building Surveyor - 032/26/2016-17
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E.mail : cpsamy.rgbuilders@gmail.com

REGISTERED STRUCTURAL ENGINEER

For Star Yarn
Partner

For Star Yarn
Partner

APPLICANT