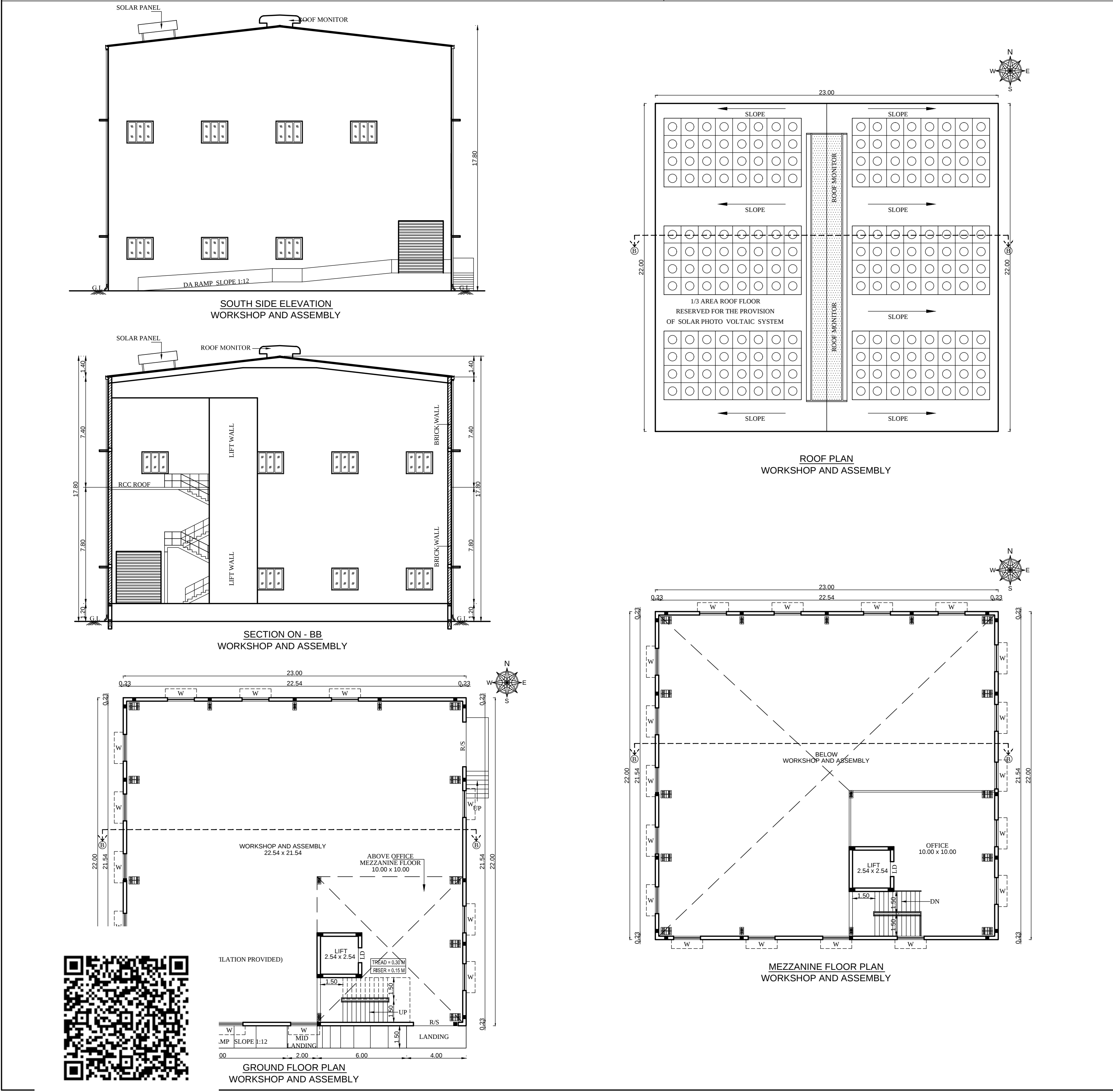
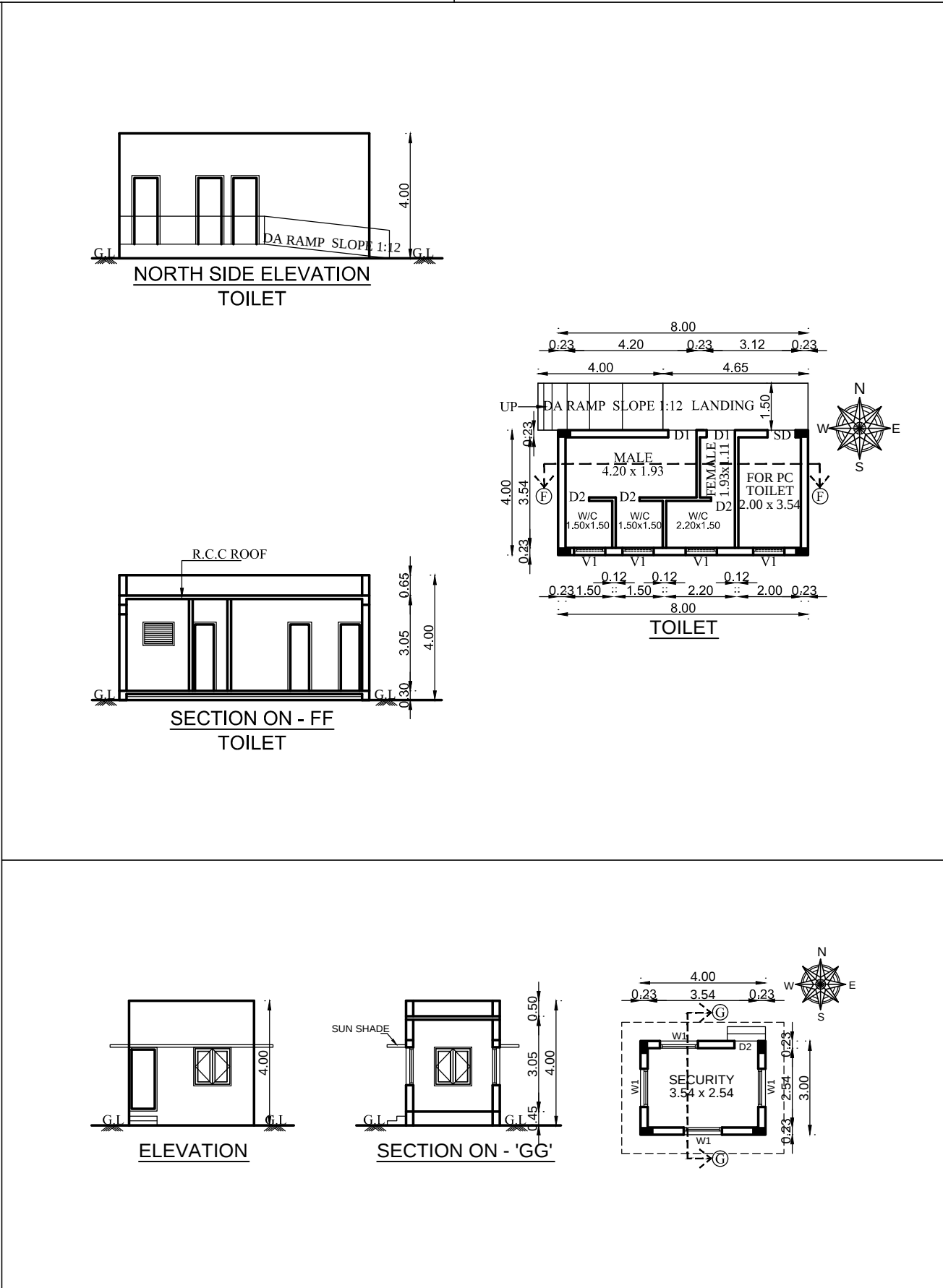
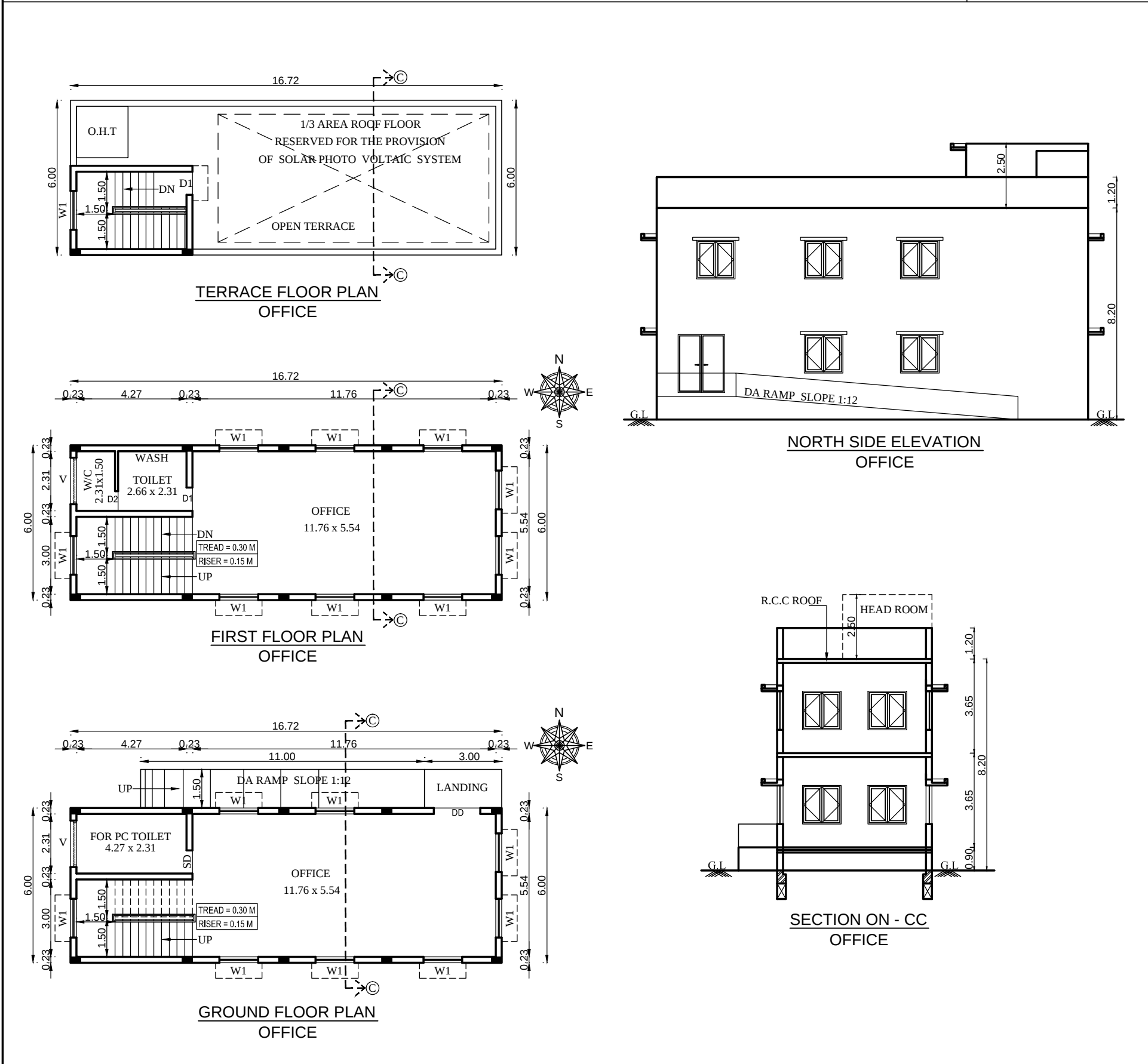
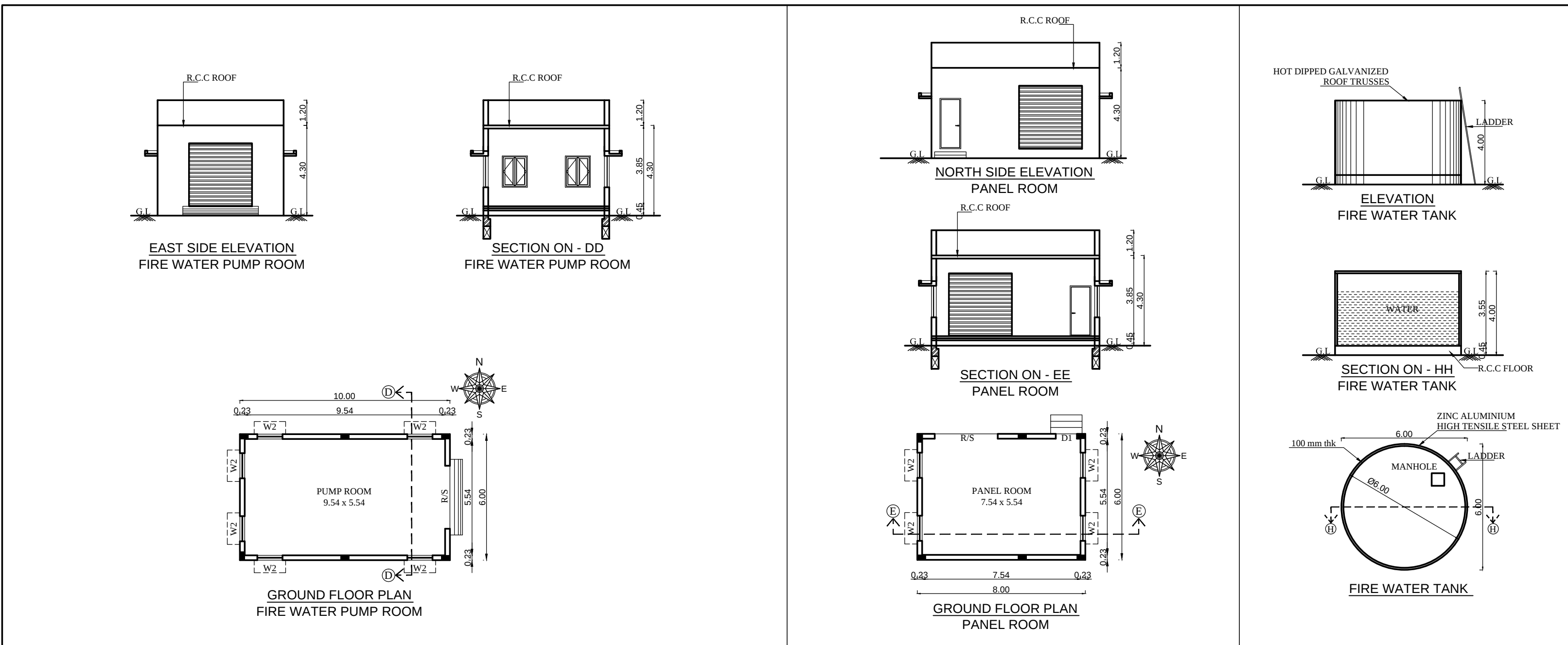
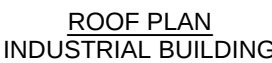
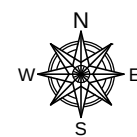




SHEET NO: 04/04					
GROUND, FIRST FLOOR, ROOF PLAN, SECTION & ELEVATION					
PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NOS: 772/41A1B, 41A2B, 46A, 47A, 47B & 510F ECHUR 'B' VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.					
FOR Mrs. ASHA DEVI BAGMAR					
AS PER TNCD & BR - 2019 CATEGORY OF INDUSTRY - ORANGE					
AS PER ANNEXURE - VII, S.NO.(10) LIGHT ENGINEERING INDUSTRY					
EXCLUDING FABRICATION & FORGING					
SPECIFICATION					
0.47mm JSW Colour GI Sheets with all Flashing, End Moulding Complete.		FOUNDATION : RCC COLUMN FOOTINGS			
2' Wide Clear Poly Carbonate Sheets at Each Bay in the Side Cladding for Optimal Lighting, Turbo Ventilators, Hilti Screws to be Used.		BRICK WORK : C.M 1:6 FOR SUPER STRUCTURE			
Details to be Provided by Vendor:		CEMENT PAINT : TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING			
1. Wind Load Assumed.		PLASTERING : C.M 1:5 FOR WALLS & 1:3 FOR CEILING			
2.Thickness of Frames in Detail.		FLOORING : VITRIFIED AND GRANITE			
		R.C.C : M25 AND ABOVE GRADE FOR ALL CONCRETE WORKS			
		WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER			
		WEATHERING : AS PER NATIONAL BUILDING CODE COURSE			
JOINERIES:-					
D1	DOOR	1.20 X 2.40	W	WINDOW	1.80 X 1.50
D2	DOOR	1.00 X 2.40	W1	WINDOW	1.50 X 1.50
D3	DOOR	0.76 X 2.40	W2	WINDOW	1.20 X 1.50
SD	SLIDING DOOR	1.00 X 2.40	W3	WINDOW	1.00 X 1.50
RS	ROLLING SHUTTER	3.00 X 4.00	V	VENTILATOR	1.80 X 0.76
RS1	ROLLING SHUTTER	4.00 X 5.00	V1	VENTILATOR	0.60 X 0.60
AREA STATEMENT:-					
TOTAL SITE EXTENT (AS PER PATTA) :				15950.00 Sq.m	
TOTAL SITE EXTENT (AS PER DOCUMENT - 3.9367 Acres) :				15931.26 Sq.m	
O.S.R REQUIRED (10% 1595.00) PROVIDED:				1595.34 Sq.m	
PROPOSED BUILDING AREA STATEMENT					
SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M	NON F.S.I AREA. SQ.M	TOTAL BUILT UP AREA. SQ.M	
01.	INDUSTRIAL BUILDING (GROUND FLOOR)	7434.00	-	7434.00	
02.	INDUSTRIAL BUILDING OFFICE (MEZZANINE FLOOR)	275.01	-	275.01	
03.	INDUSTRIAL BUILDING (CANOPY)	193.73	-	193.73	
04.	WORKSHOP AND ASSEMBLY (GROUND FLOOR)	506.00	-	506.00	
05.	WORKSHOP AND ASSEMBLY (MEZZANINE FLOOR)	100.00	-	100.00	
06.	OFFICE BUILDING (GROUND FLOOR)	100.32	-	100.32	
07.	OFFICE BUILDING (FIRST FLOOR)	100.32	-	100.32	
08.	OFFICE BUILDING (HEAD ROOM)	-	16.37	16.37	
09.	FIRE WATER PUMP ROOM (GROUND FLOOR)	60.00	-	60.00	
10.	PANEL ROOM (GROUND FLOOR)	48.00	-	48.00	
11.	TOILET (GROUND FLOOR)	32.00	-	32.00	
12.	SECURITY (GROUND FLOOR)	12.00	-	12.00	
13.	FIRE WATER TANK	28.27	-	28.27	
14.	SEPTIC TANK	-	24.00	24.00	
15.	STP	-	27.00	27.00	
16.	OPEN TRANSFORMER YARD	-	102.00	102.00	
TOTAL PROPOSED AREA		8889.65	169.37	9059.02	
F.S.I =		8889.65 15931.26	= 0.56		
COLOUR INDEX:-					
PROPOSED BUILDING	☐	SCALE - 1 : 100			
EXISTING ROAD	☐				
O.S.R	☐				
SITE BOUNDARY	☐				
ALL MEASUREMENTS ARE IN METER					
FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS					
OWNER					
STRUCTURAL ENGINEER					
ARCHITECT / LICENSED SURVEYOR					



SHEET NO: 03/04

MEZZANINE FLOOR PLAN, ROOF PLAN & SECTION

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NOS: 772/41A1B, 41A2B, 46A, 47A, 47B & 510F ECHUR 'B' VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.

FOR Mrs. ASHA DEVI BAGMAR

AS PER TNCD & BR - 2019 CATEGORY OF INDUSTRY - ORANGE

AS PER ANNEXURE - VII, S.NO.(10) LIGHT ENGINEERING INDUSTRY EXCLUDING FABRICATION & FORGING

SPECIFICATION					
0.47mm JSW Colour GI Sheets with all Flashing, End Moulding Complete.		FOUNDATION : RCC COLUMN FOOTINGS			
2" Wide Clear Poly Carbonate Sheets at Each Bay in the Side Cladding for Optimal Lighting. Turbo Ventilators. Hilti Screws to be Used.		BRICK WORK : C.M 1:6 FOR SUPER STRUCTURE			
<u>Details to be Provided by Vendor:</u>		CEMENT PAINT: TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING			
1. Wind Load Assumed.		PLASTERING : C.M 1:5 FOR WALLS & 1:3 FOR CEILING			
2.Thickness of Frames in Detail.		FLOORING : VITRIFIED AND GRANITE			
		R.C.C : M25 AND ABOVE GRADE FOR ALL CONCRETE WORKS			
		WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER			
		WEATHERING COURSE : AS PER NATIONAL BUILDING CODE			

JOINERIES:-

D1	DOOR	1.20 X 2.40	W	WINDOW	1.80 X 1.50
D2	DOOR	1.00 X 2.40	W1	WINDOW	1.50 X 1.50
D3	DOOR	0.76 X 2.40	W2	WINDOW	1.20 X 1.50
SD	SLIDING DOOR	1.00 X 2.40	W3	WINDOW	1.00 X 1.50
RS	ROLLING SHUTTER	3.00 X 4.00	V	VENTILATOR	1.80 X 0.76
RS1	ROLLING SHUTTER	4.00 X 5.00	V1	VENTILATOR	0.60 X 0.60

AREA STATEMENT:-

TOTAL SITE EXTENT (AS PER PATT A) : 15950.00 Sq.m

TOTAL SITE EXTENT (AS PER DOCUMENT - 3.9367 Acres) : 15931.26 Sq.m

O.S.R REQUIRED (10% 1595.00) PROVIDED: 1595.34 Sq.m

PROPOSED BUILDING AREA STATEMENT

SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M	NON F.S.I AREA. SQ.M	TOTAL BUILT UP AREA. SQ.M
01.	INDUSTRIAL BUILDING (GROUND FLOOR)	7434.00	-	7434.00
02.	INDUSTRIAL BUILDING OFFICE (MEZZANINE FLOOR)	275.01	-	275.01
03.	INDUSTRIAL BUILDING (CANOPY)	193.73	-	193.73
04.	WORKSHOP AND ASSEMBLY (GROUND FLOOR)	506.00	-	506.00
05.	WORKSHOP AND ASSEMBLY (MEZZANINE FLOOR)	100.00	-	100.00
06.	OFFICE BUILDING (GROUND FLOOR)	100.32	-	100.32
07.	OFFICE BUILDING (FIRST FLOOR)	100.32	-	100.32
08.	OFFICE BUILDING (HEAD ROOM)	-	16.37	16.37
09.	FIRE WATER PUMP ROOM (GROUND FLOOR)	60.00	-	60.00
10.	PANEL ROOM (GROUND FLOOR)	48.00	-	48.00
11.	TOILET (GROUND FLOOR)	32.00	-	32.00
12.	SECURITY (GROUND FLOOR)	12.00	-	12.00
13.	FIRE WATER TANK	28.27	-	28.27
14.	SEPTIC TANK	-	24.00	24.00
15.	STP	-	27.00	27.00
16.	OPEN TRANSFORMER YARD	-	102.00	102.00
TOTAL PROPOSED AREA		8889.65	169.37	9059.02

F.S.I = $\frac{8889.65}{15931.26}$ = 0.56

COLOUR INDEX:-

PROPOSED BUILDING		SCALE - 1 : 100
EXISTING ROAD		
O.S.R		
SITE BOUNDARY		

ALL MEASUREMENTS ARE IN METER

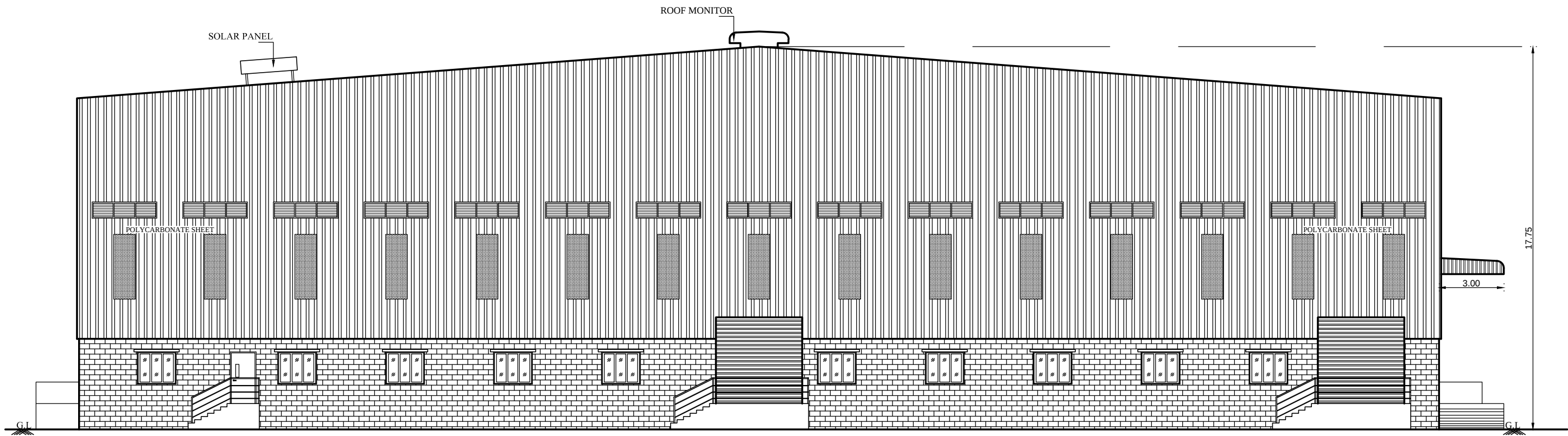
FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS

The diagram shows a detailed floor plan of the Mezzanine Floor Office. It includes various rooms such as Wash, Toilet, For PC, Office, Lift, and Fire Water Tank. Dimensions are provided for each room and overall building footprint. Mechanical ventilation is indicated for specific areas. The plan also shows existing roads, O.S.R, and site boundaries.

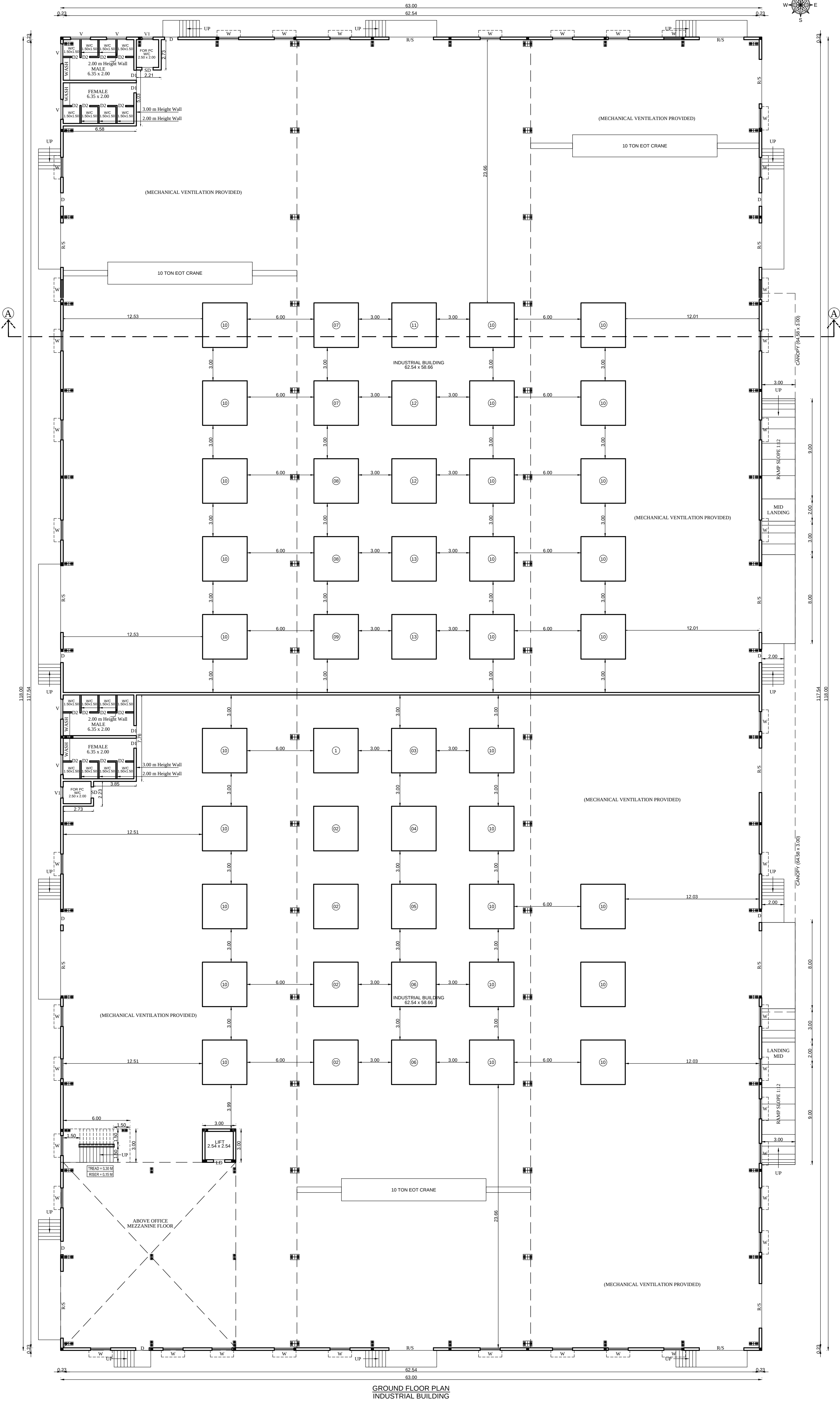
Asha Devi Bagmar	B. Barthik Er.K.Karthik, B.Tech(Civil), M.Tech(Structural) Structural Engineer - Grade I CGLDIST/SE/G-42019/05/013 No.1/137, Nagathanman Nagar, Katlapakkam, Chennai - 600 056. Ph. No: 9940473577
OWNER	STRUCTURAL ENGINEER

Ar. B.Bagam Priyal, M.Arch
Architect - CA/2011/51217
No.2, Govindasamy Street, Jothi Nagar,
Chilappakkam, Chennai - 600 064
Ph. No: 9486482777

ARCHITECT / LICENSED SURVEYOR



SOUTH SIDE ELEVATION
INDUSTRIAL BUILDING



GROUND FLOOR PLAN
INDUSTRIAL BUILDING

SHEET NO: 02/04

GROUND FLOOR PLAN & ELEVATION

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NOS: 772/41A1B, 41A2B, 46A, 47A, 47B & 51 OF ECHUR 'B' VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.
FOR Mrs. ASHA DEVI BAGMAR

AS PER TNCD & BR - 2019 CATEGORY OF INDUSTRY - ORANGE
AS PER ANNEXURE - VII, S.NO.(10) LIGHT ENGINEERING INDUSTRY
EXCLUDING FABRICATION & FORGING

SPECIFICATION

0.47mm JSW Colour GI Sheets with all Flashing, End Moulding Complete.
2' Wide Clear Poly Carbonate Sheets at Each Bay in the Side Cladding for Optimal Lighting. Turbo Ventilators. Hilti Screws to be Used.
Details to be Provided by Vendor:
1. Wind Load Assumed.
2.Thickness of Frames in Detail.

FOUNDATION : RCC COLUMN FOOTINGS
BRICK WORK : C.M 1:6 FOR SUPER STRUCTURE
CEMENT PAINT: TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
PLASTERING : C.M 1:5 FOR WALLS & 1:3 FOR CEILING
FLOORING : VITRIFIED AND GRANITE
R.C.C : M25 AND ABOVE GRADE FOR ALL CONCRETE WORKS
WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER
WEATHERING : AS PER NATIONAL BUILDING CODE COURSE

JOINERIES:-

D1	DOOR	1.20 X 2.40	W	WINDOW	1.80 X 1.50
D2	DOOR	1.00 X 2.40	W1	WINDOW	1.50 X 1.50
D3	DOOR	0.76 X 2.40	W2	WINDOW	1.20 X 1.50
SD	SLIDING DOOR	1.00 X 2.40	W3	WINDOW	1.00 X 1.50
RS	ROLLING SHUTTER	3.00 X 4.00	V	VENTILATOR	1.80 X 0.76
RS1	ROLLING SHUTTER	4.00 X 5.00	V1	VENTILATOR	0.60 X 0.60

AREA STATEMENT:-

TOTAL SITE EXTENT (AS PER PATTI) : 15950.00 Sq.m
TOTAL SITE EXTENT (AS PER DOCUMENT - 3.9367 Acres) : 15931.26 Sq.m
O.S.R REQUIRED (10% 1595.00) PROVIDED: 1595.34 Sq.m

PROPOSED BUILDING AREA STATEMENT

SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M	NON F.S.I AREA. SQ.M	TOTAL BUILT UP AREA. SQ.M
01.	INDUSTRIAL BUILDING (GROUND FLOOR)	7434.00	-	7434.00
02.	INDUSTRIAL BUILDING OFFICE (MEZZANINE FLOOR)	275.01	-	275.01
03.	INDUSTRIAL BUILDING (CANOPY)	193.73	-	193.73
04.	WORKSHOP AND ASSEMBLY (GROUND FLOOR)	506.00	-	506.00
05.	WORKSHOP AND ASSEMBLY (MEZZANINE FLOOR)	100.00	-	100.00
06.	OFFICE BUILDING (GROUND FLOOR)	100.32	-	100.32
07.	OFFICE BUILDING (FIRST FLOOR)	100.32	-	100.32
08.	OFFICE BUILDING (HEAD ROOM)	-	16.37	16.37
09.	FIRE WATER PUMP ROOM (GROUND FLOOR)	60.00	-	60.00
10.	PANEL ROOM (GROUND FLOOR)	48.00	-	48.00
11.	TOILET (GROUND FLOOR)	32.00	-	32.00
12.	SECURITY (GROUND FLOOR)	12.00	-	12.00
13.	FIRE WATER TANK	28.27	-	28.27
14.	SEPTIC TANK	-	24.00	24.00
15.	STP	-	27.00	27.00
16.	OPEN TRANSFORMER YARD	-	102.00	102.00
TOTAL PROPOSED AREA		8889.65	169.37	9059.02

F.S.I = $\frac{8889.65}{15931.26}$ = 0.56

COLOUR INDEX:-

PROPOSED BUILDING
EXISTING ROAD
O.S.R
SITE BOUNDARY

SCALE - 1 : 100

ALL MEASUREMENTS ARE IN METER

FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS

PROPOSED LIST OF MACHINERIES

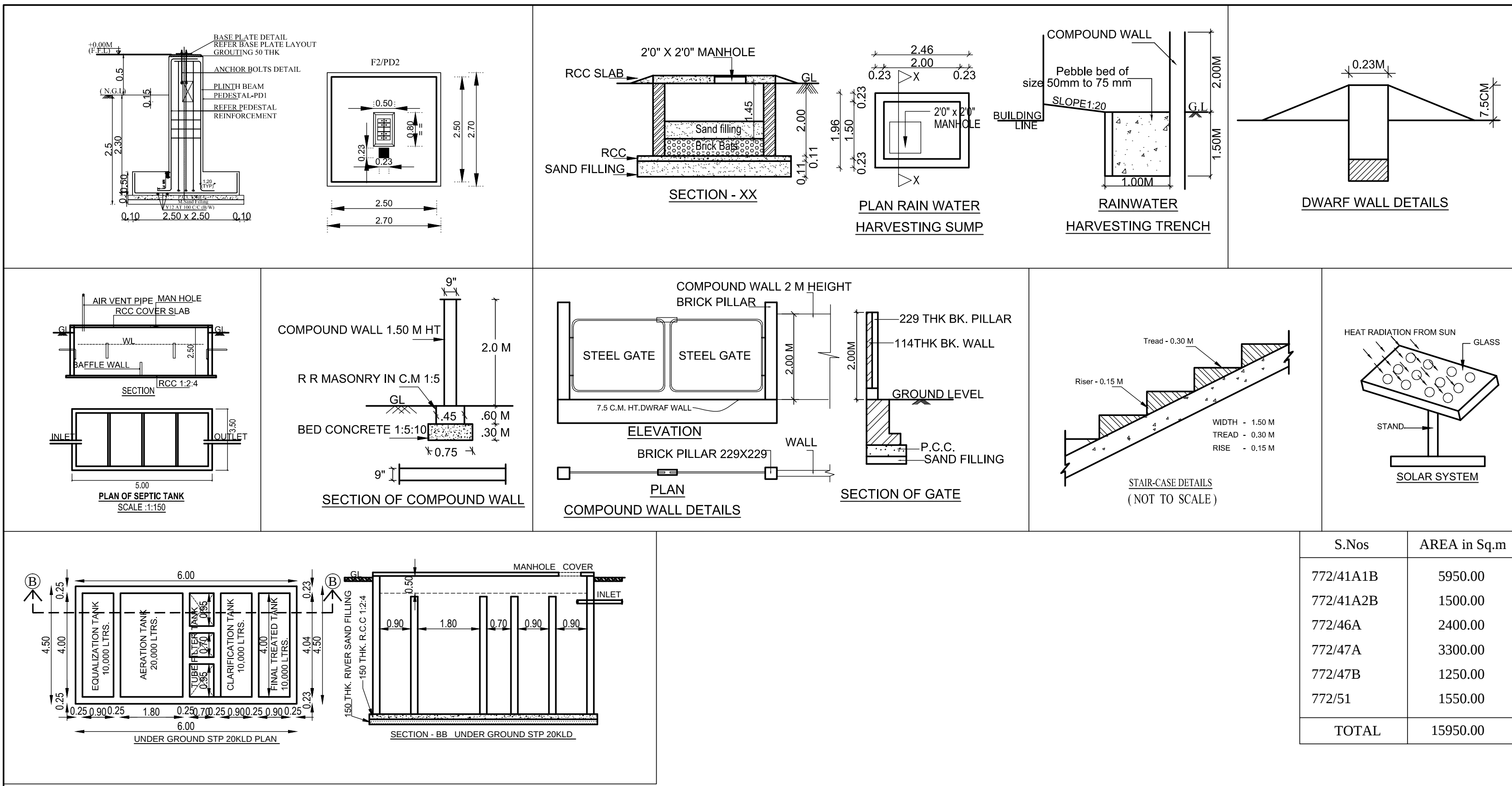
SL.NO.	DESCRIPTION	QTY	HP
01.	MAT & SUBSTRAT WRAPPING M/C	1	10.00
02.	ROBOT CELL (4.00 M x 4.00 M)	4	15.00
03.	CANNING M/C (2.50 M x 2.50 M)	1	30.00
04.	INLET/OUTLET CALL M/C (1.00 M x 1.00 M)	1	15.00
05.	THREAD CONTROL (1.20 M x 1.00 M)	1	10.00
06.	LEAKAGE TESTING (1.50 M x 1.50 M)	2	15.00
07.	WELD TABLE (1.20 M x 0.80 M)	2	30.00
08.	HYDRAULIC POWER PACK	2	10.00
09.	ROLLING SPM M/C (1.80 M x 0.70 M)	1	20.00
10.	WELDING M/C	28	120.00
11.	PRESS FOR ELECTRA	1	10.00
12.	LEAKAGE TESTING STATION	2	5.00
13.	SPATTER REMOVAL TABLE	2	10.00
TOTAL HP			300.00

OWNER

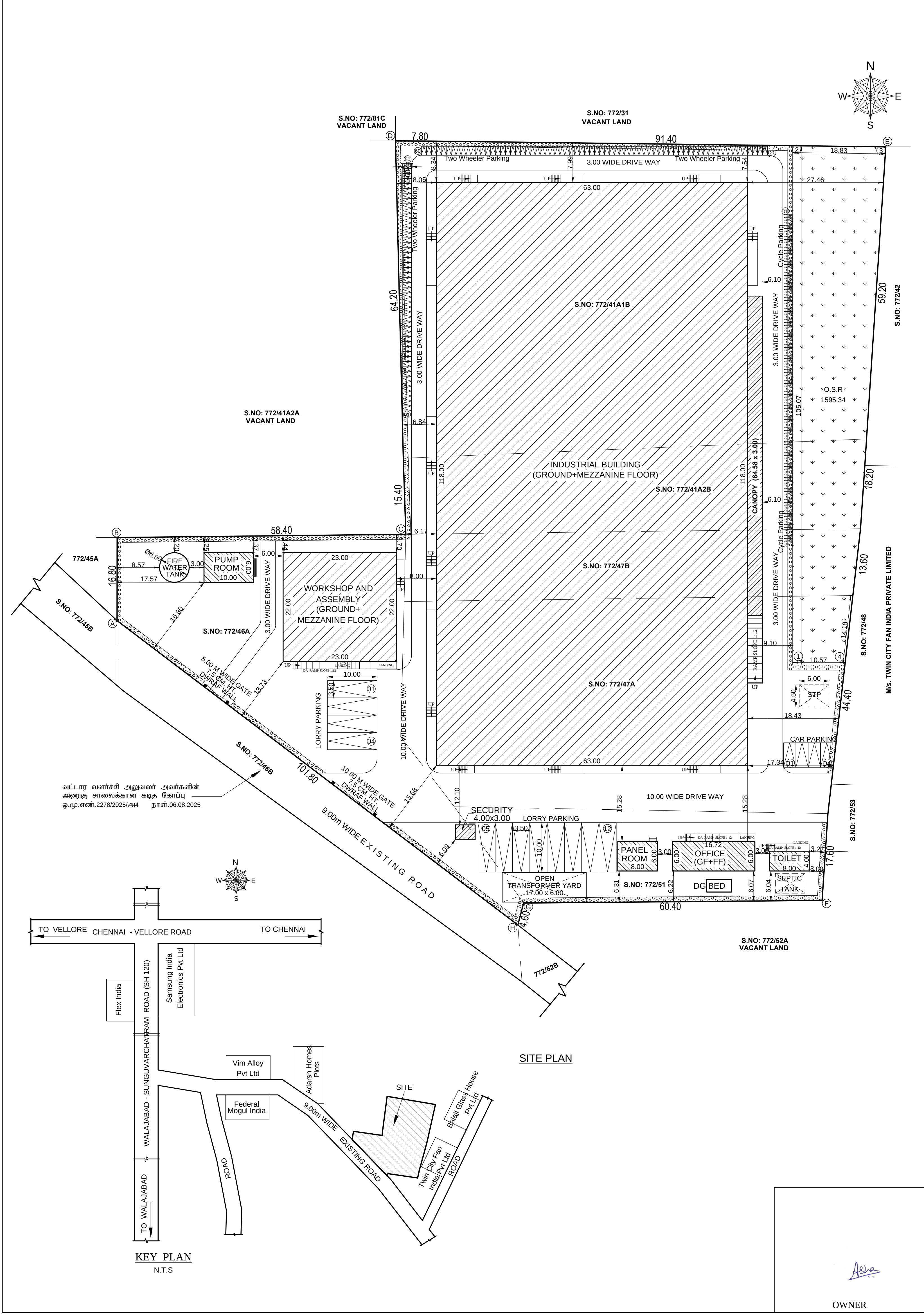
STRUCTURAL ENGINEER

Ar. B.Bagam Priyal, M.Arch
Architect - CA/2011/51217
No. 2, Govindasamy Street, Jothi Nagar,
Chilappakkam, Chennai - 600 064
Ph. No: 9486482777

ARCHITECT / LICENSED SURVEYOR



SHEET NO: 01/04									
SITE PLAN									
PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NOS: 772/41A1B, 41A2B, 46A, 47A, 47B & 51OF ECHUR 'B' VILLAGE, SRIPERUMBUDUR TALUK, KANCHEEPURAM DISTRICT.									
FOR Mrs. ASHA DEVI BAGMAR									
AS PER TNCD & BR - 2019 CATEGORY OF INDUSTRY - ORANGE									
AS PER ANNEXURE - VII, S.NO.(10) LIGHT ENGINEERING INDUSTRY EXCLUDING FABRICATION & FORGING									
SPECIFICATION									
0.47mm JSW Colour GI Sheets with all Flashing, End Moulding Complete. 2' Wide Clear Poly Carbonate Sheets at Each Bay in the Side Cladding for Optimal Lighting. Turbo Ventilators. Hilti Screws to be Used.			FOUNDATION : RCC COLUMN FOOTINGS BRICK WORK : C.M 1:5 FOR SUPER STRUCTURE CEMENT PAINT: TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING PLASTERING : C.M 1:5 FOR WALLS & 1:3 FOR CEILING FLOORING : VITRIFIED AND GRANITE R.C.C : M25 AND ABOVE GRADE FOR ALL CONCRETE WORKS WOOD WORK : ALL WOOD WORKS IN BEST QUALITY TIMBER WEATHERING : AS PER NATIONAL BUILDING CODE COURSE						
Details to be Provided by Vendor: 1. Wind Load Assumed. 2.Thickness of Frames in Detail.									
JOINERIES:-									
D1	DOOR	1.20 X 2.40	W	WINDOW	1.80 X 1.50				
D2	DOOR	1.00 X 2.40	W1	WINDOW	1.50 X 1.50				
D3	DOOR	0.76 X 2.40	W2	WINDOW	1.20 X 1.50				
SD	SLIDING DOOR	1.00 X 2.40	W3	WINDOW	1.00 X 1.50				
RS	ROLLING SHUTTER	3.00 X 4.00	V	VENTILATOR	1.80 X 0.76				
RS1	ROLLING SHUTTER	4.00 X 5.00	V1	VENTILATOR	0.60 X 0.60				
AREA STATEMENT:-									
TOTAL SITE EXTENT (AS PER PATTa) :					15950.00 Sq.m				
TOTAL SITE EXTENT (AS PER DOCUMENT - 3.9367 Acres) :					15931.26 Sq.m				
O.S.R REQUIRED (10% 1595.00) PROVIDED:					1595.34 Sq.m				
PROPOSED BUILDING AREA STATEMENT									
SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M		NON F.S.I AREA. SQ.M					
01.	INDUSTRIAL BUILDING (GROUND FLOOR)	7434.00		-					
02.	INDUSTRIAL BUILDING OFFICE (MEZZANINE FLOOR)	275.01		-					
03.	INDUSTRIAL BUILDING (CANOPY)	193.73		-					
04.	WORKSHOP AND ASSEMBLY (GROUND FLOOR)	506.00		-					
05.	WORKSHOP AND ASSEMBLY (MEZZANINE FLOOR)	100.00		-					
06.	OFFICE BUILDING (GROUND FLOOR)	100.32		-					
07.	OFFICE BUILDING (FIRST FLOOR)	100.32		-					
08.	OFFICE BUILDING (HEAD ROOM)	-		16.37					
09.	FIRE WATER PUMP ROOM (GROUND FLOOR)	60.00		-					
10.	PANEL ROOM (GROUND FLOOR)	48.00		-					
11.	TOILET (GROUND FLOOR)	32.00		-					
12.	SECURITY (GROUND FLOOR)	12.00		-					
13.	FIRE WATER TANK	28.27		-					
14.	SEPTIC TANK	-		24.00					
15.	STP	-		27.00					
TOTAL PROPOSED AREA		8889.65		169.37					
F.S.I = $\frac{8889.65}{15931.26} = 0.56$									
TOTAL H.P - 300 H.P									
NUMBER OF EMPLOYEES - MALE: 25, FEMALE: 5 = 30 Nos									
Sanitation Details:-									
Sl. No.	Sanitary Unit	REQUIRED		PROVIDED					
		MALE	FEMALE	MALE	FEMALE				
1.	Water Closet	04 Nos	02 Nos	08 Nos	08 Nos				
2.	Ablution Taps	02 Nos	02 Nos	04 Nos	04 Nos				
3.	Urinals	03 Nos	-	04 Nos	-				
4.	Wash Basins	02 Nos	02 Nos	02 Nos	02 Nos				
5.	Baths	-	-	-	-				
6.	Drinking Water Fountains	04 Nos	04 Nos	04 Nos	04 Nos				
7.	Cleaner's Sink	02 Nos	02 Nos	02 Nos	02 Nos				
STALL SIZE:									
Vehicle Type	Width (M)	Length (M)							
CAR	2.50	5.00							
TWO WHEELER	1.00	1.80							
LORRY	3.50	10.00							
COLOUR INDEX:-									
PROPOSED BUILDING		SCALE : 1 : 400							
EXISTING ROAD									
O.S.R									
SITE BOUNDARY									
ALL MEASUREMENTS ARE IN METER									
FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS									
STRUCTURAL ENGINEER									
OWNER									
ARCHITECT / LICENSED SURVEYOR									



OWNER	
ARCHITECT / LICENSED SURVEYOR	