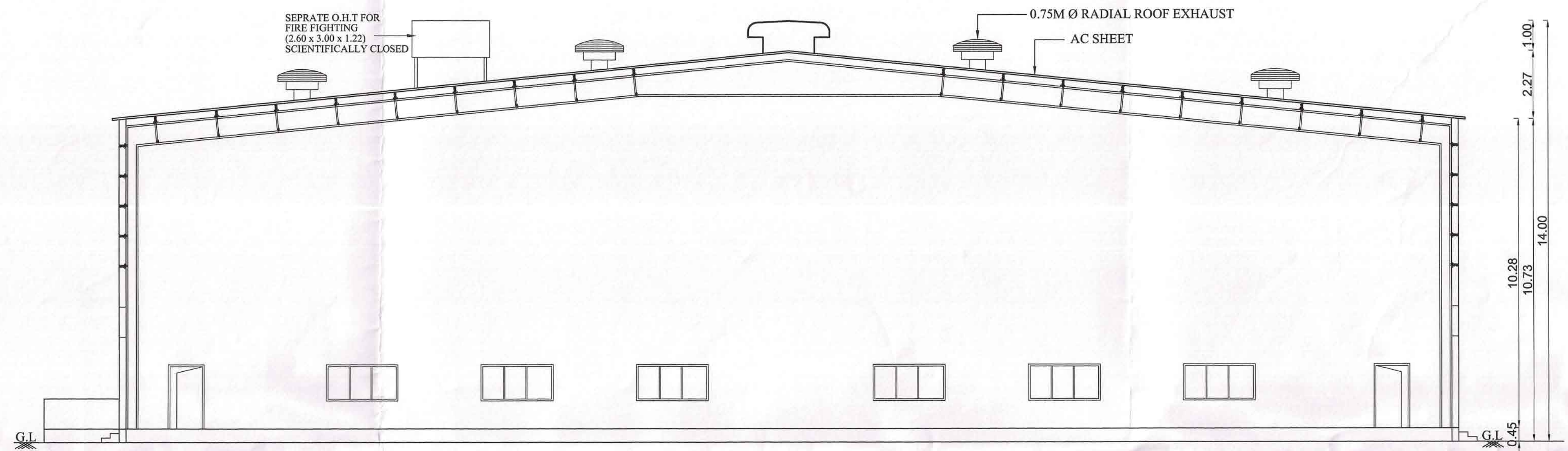
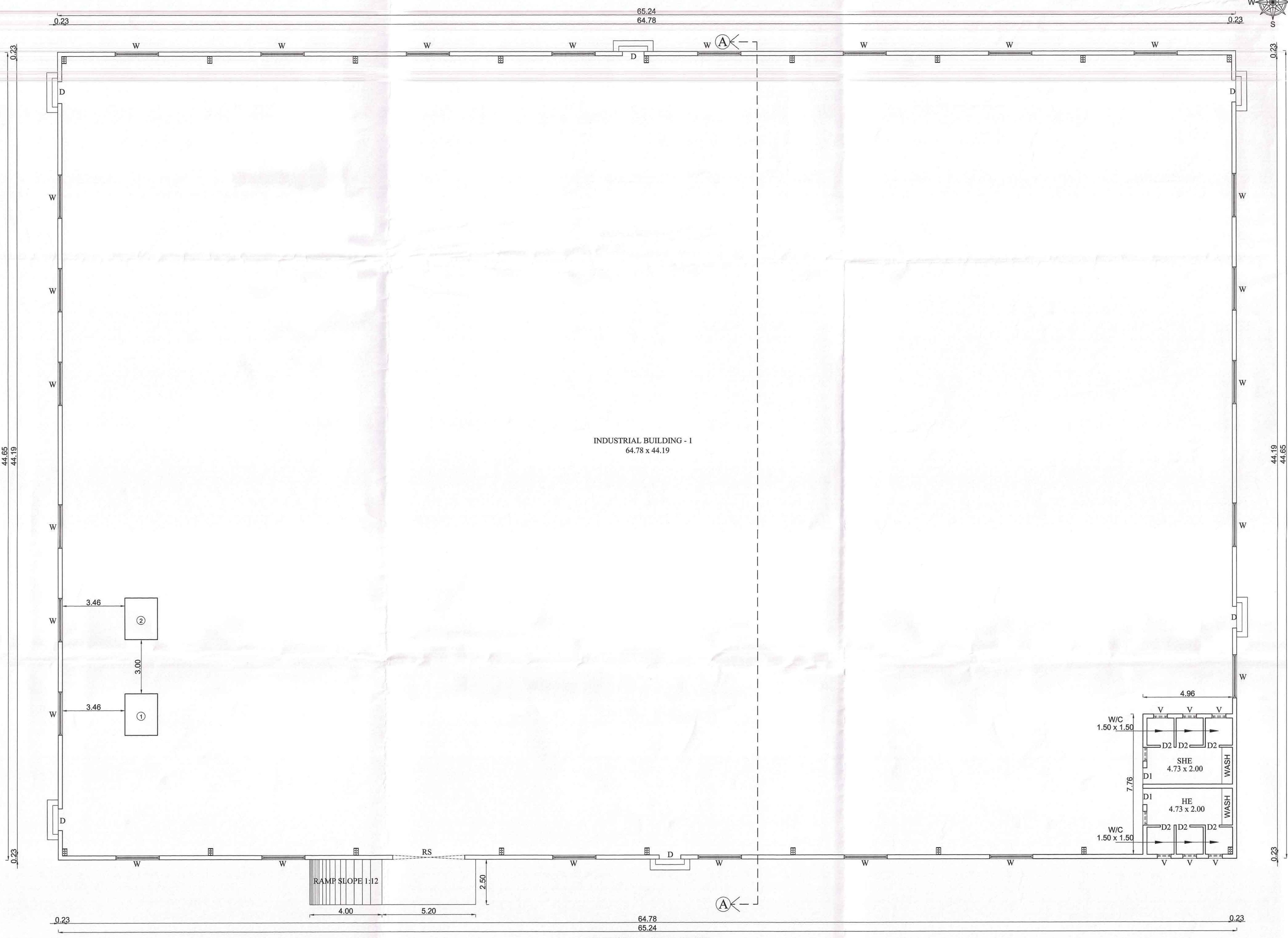




SECTION -AA
INDUSTRIAL BUILDING - 1



GROUND FLOOR PLAN
INDUSTRIAL BUILDING - 1

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NO: 76/1 & 81 OF KODUVALI VILLAGE, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

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.

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	5.00 x 6.00
D	DOOR	0.90 x 2.13
D1	DOOR	0.76 x 2.13
DD	DOUBLE DOOR	1.80 x 2.13
W	WINDOW	2.80 x 1.22
W1	WINDOW	1.20 x 1.22
V	VENTILATOR	0.60 x 0.60

AREA STATEMENTS

TOTAL PLOT EXTENT (AS PER PATT)	13500.00 Sq.m
O.S.R AREA (10%)	1350.00 Sq.m

PROPOSED BUILDINGS AREA STATEMENT

SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M	TOTAL BUILT-UP AREA. SQ.M
01.	INDUSTRIAL BUILDING - 1	2912.97	2912.97

COLOUR INDEX	SCALE - 1 : 100
SITE BOUNDARY	
PROPOSED	
ROAD	
ALL DIMENSIONS ARE IN METER	

LIST OF MACHINERIES

SL.NO.	DESCRIPTION	QTY	HP
01.	HYDRAULIC POWER PACK	1	5.00
02.	ROLLING SPM M/C (1.80 M x 0.70 M)	1	20.00
TOTAL HP			25.00

FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS

Vaishali
A. Shrivani

OWNER

B. Barthik

Er.K.Karthik, B.Tech(Civil), M.Tech(Structural)
Structural Engineer - Grade I
(CCL/REG/REG/REG-1201/0000113)
No. 1/137, Highgate Road, Kottayam,
Kerala - 686008 Ph:9446443277

STRUCTURAL ENGINEER

Pradeep A
PRADEEP A
COUNCIL OF ARCHITECTURE
CA/2007/39485

ARCHITECT / LICENSED SURVEYOR

SPECIFICATION

Details to be Provided by Vendor:

1. Wind Load Assumed.
2. Thickness of Frames in Detail.

SCHEDULE OF JOINERY		
RS	ROLLING SHUTTER	5.00 x 6.00
D	DOOR	0.90 x 2.13
D1	DOOR	0.76 x 2.13
DD	DOUBLE DOOR	1.80 x 2.13
W	WINDOW	2.80 x 1.22
W1	WINDOW	1.20 x 1.22
V	VENTILATOR	0.60 x 0.60

AREA STATEMENTS

TOTAL PLOT EXTENT (AS PER PATTA)	13500.00 Sq.m
O.S.R AREA (10%)	1350.00 Sq.m

PROPOSED BUILDINGS AREA STATEMENT

SL. NO.	DESCRIPTION	TOTAL F.S.I AREA. SQ.M	TOTAL BUILT-UP AREA. SQ.M
01.	INDUSTRIAL BUILDING - 1	2912.97	2912.97

COLOUR INDEX	SCALE - 1 : 100
SITE BOUNDARY	ALL DIMENSIONS ARE IN METER
PROPOSED	
ROAD	

LIST OF MACHINERIES			
SL.NO.	DESCRIPTION	QTY	HP
01.	HYDRAULIC POWER PACK	1	5.00
02.	ROLLING SPM M/C (1.80 M x 0.70 M)	1	20.00
TOTAL HP			25.00

FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS

A. Phirvai

OWNER

Er.K.Karthik, B.Tech(Civil), M.Tech/Structural
Structural Engineer - Grade I
(CGLRGNSE/Gr-1/2019/06/013)
No.1/137, Nagathanman Nagar, Kottupakkam,
Chennai - 600066 Ph:96640473577

STRUCTURAL ENGINEER

ARCHITECT / LICENSED SURVEYOR

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

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, HMI Screws to be Used.

RS	ROLLING SHUTTER	5.00 x 6.00
D	DOOR	0.90 x 2.13
D1	DOOR	0.76 x 2.13
DD	DOUBLE DOOR	1.80 x 2.13
W	WINDOW	2.80 x 1.22
W1	WINDOW	1.20 x 1.22
V	VENTILATOR	0.60 x 0.60

TOTAL PLOT EXTENT (AS PER PATTa)	13500.00 Sq.m
O.S.R AREA (10%)	1350.00 Sq.m

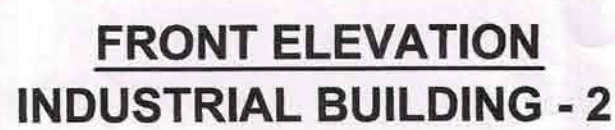
SL. NO.	DESCRIPTION	TOTAL F.S.I AREA, SQ.M	TOTAL BUILT-UP AREA, SQ.M
01.	INDUSTRIAL BUILDING - 2	3509.26	3509.26
02.	TOILET	16.50	16.50
03.	SECURITY	6.25	6.25

SCALE - 1 : 100

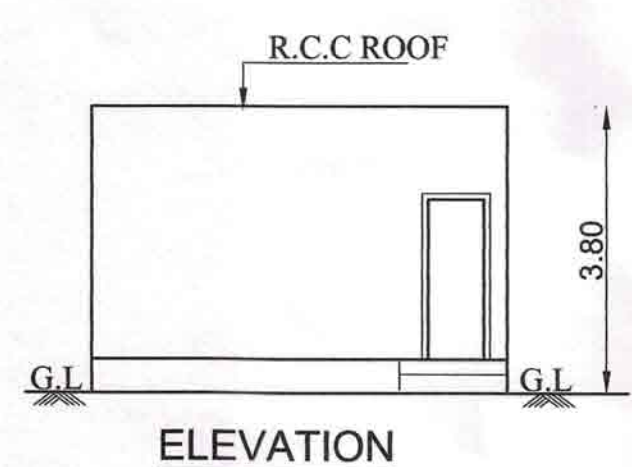
SITE BOUNDARY	
PROPOSED	
ROAD	

SL.NO.	DESCRIPTION	QTY	HP
01.	INLET/OUTLET CALL M/C (1.00 M x 1.00 M)	1	15.00
02.	THREAD CONTROL (1.20 M x 1.00 M)	1	10.00
TOTAL HP			25.00

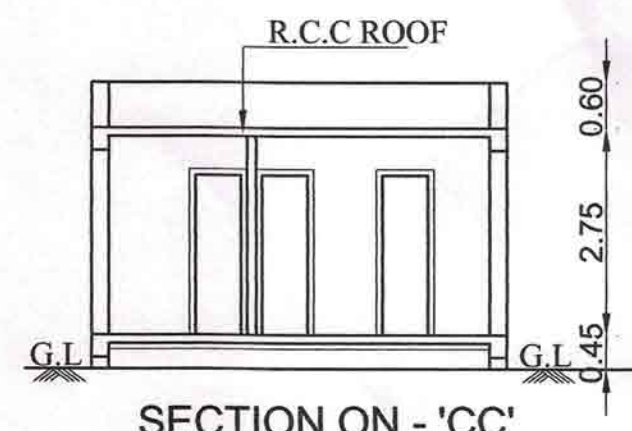
FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS



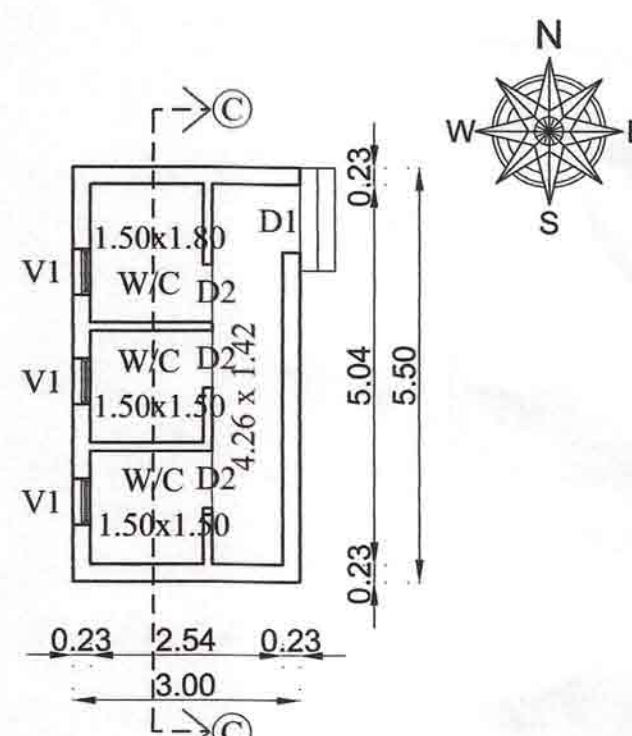
SECTION -BB
INDUSTRIAL BUILDING - 2



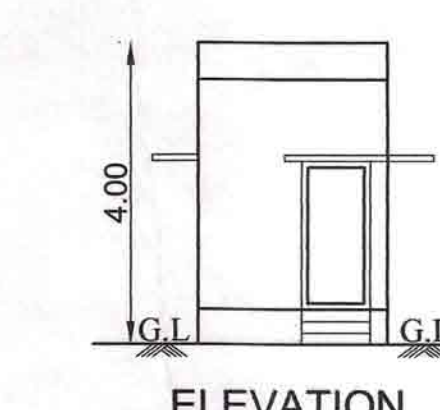
ELEVATION



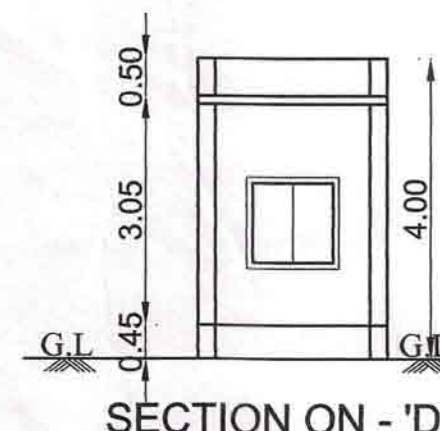
SECTION ON - 'CC



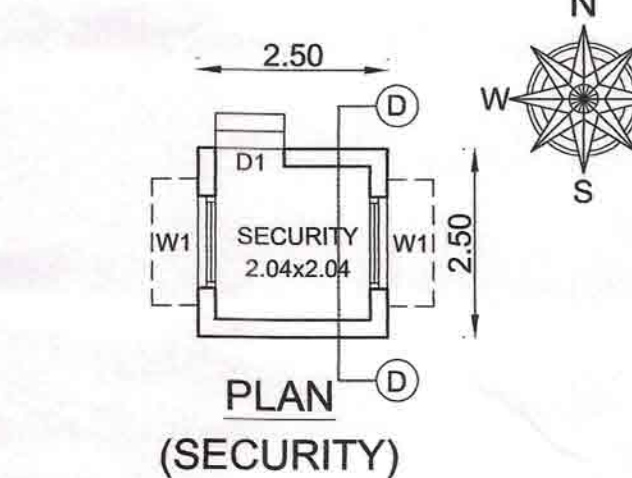
TOILET PLAN



ELEVATION



SECTION ON - 'DD'



(SECURITY

Vanakkal
A. Thirumalai

OWNER

H. Barthik

Er.K.Karthik, B.Tech/Civil, M.Tech/Structural
Structural Engineer - Grade I
(CCLRONSEK-1/2518/05/13)
No.1/137, Nagatharman Nagar, Kattupakkam,
Chennai - 600056 Ph.No.8945473577

STRUCTURAL ENGINEER


PRADEEP A
 COUNCIL OF ARCHITECTURE
 CA/2007/39485

ARCHITECT / LICENSED SURVEYOR

PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING IN S.NO: 76/1 & 81 OF KODUVALI VILLAGE, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

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

JOINERIES:-

D1	DOOR	2.40 X 2.40
D2	DOOR	2.40 X 2.40
RS1	ROLLING SHUTTER	4.00 X 5.00
W1	WINDOW	1.80 X 1.50
W2	WINDOW	1.80 X 1.50
V2	VENTILATOR	0.60 X 0.75

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.

AREA STATEMENT:-

TOTAL PLOT EXTENT (AS PER PATTA)	13500.00 Sq.m
O.S.R AREA (10%)	1350.00 Sq.m

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 - 1 GROUND FLOOR	2912.97	-	2912.97
02.	INDUSTRIAL BUILDING - 2 GROUND FLOOR	3509.26	-	3509.26
03.	TOILET	16.50	-	16.50
04.	SECURITY	-	6.25	6.25
TOTAL AREA		6438.73	6.25	6444.98

$$F.S.I = \frac{6438.73}{13500.00} = 0.48$$

$$PLOT COVERAGE = \frac{6444.98}{13500.00} \times 100 = 47.74 \%$$

PARKING DETAILS:-

LORRY PARKING REQUIRED	-	13 Nos
LORRY PARKING PROVIDED	-	13 Nos
CAR PARKING REQUIRED	-	3 Nos
CAR PARKING PROVIDED	-	3 Nos
TWO WHEELER REQUIRED	-	128 Nos
TWO WHEELER PROVIDED	-	134 Nos
CYCLE PARKING REQUIRED	-	232 Sq.m
CYCLE PARKING PROVIDED	-	232 Sq.m

TOTAL H.P : 50

NUMBER OF EMPLOYEES : 20 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		SCALE - 1 : 400
ROAD		
BOUNDARY		

ALL MEASUREMENTS ARE IN METER

FIRE FIGHTING EQUIPMENT & MECHANICAL VENTILATION PROVIDED FOR ENTIRE BUILDINGS

A. Theivanai

Vinushkumar

OWNER

B. B. B. B. B.

Er.K.Karthik, B.Tech(Civil), M.Tech(Structural)
Structural Engineer - Grade I
(COLLREGISTRATION-120219060113)
No. 51/27, Nagappan Nagar, Katturupakkam,
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Pradeep A
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CA/2007/39485

ARCHITECT / LICENSED SURVEYOR

