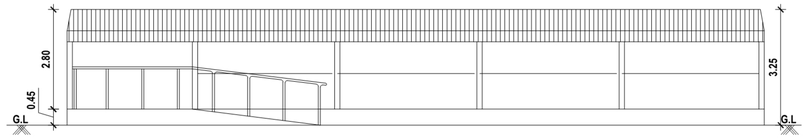
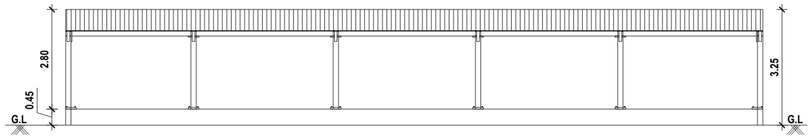
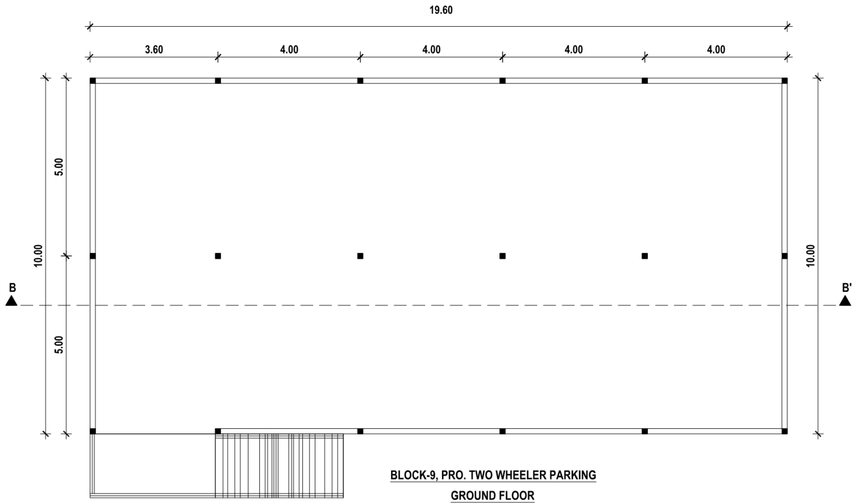


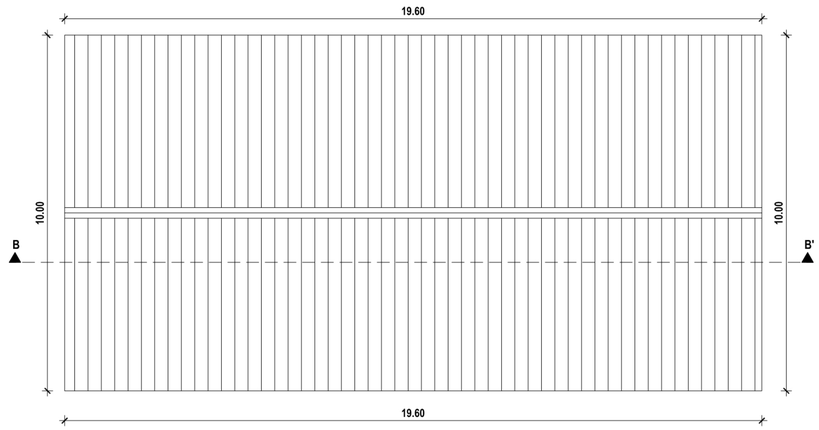
FRONT ELEVATION



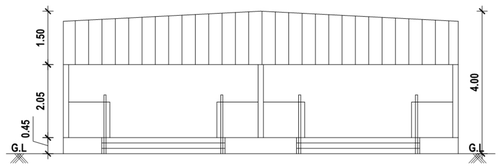
CROSS SECTION- B.B'



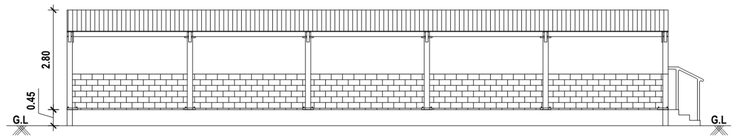
BLOCK-9, PRO. TWO WHEELER PARKING
GROUND FLOOR



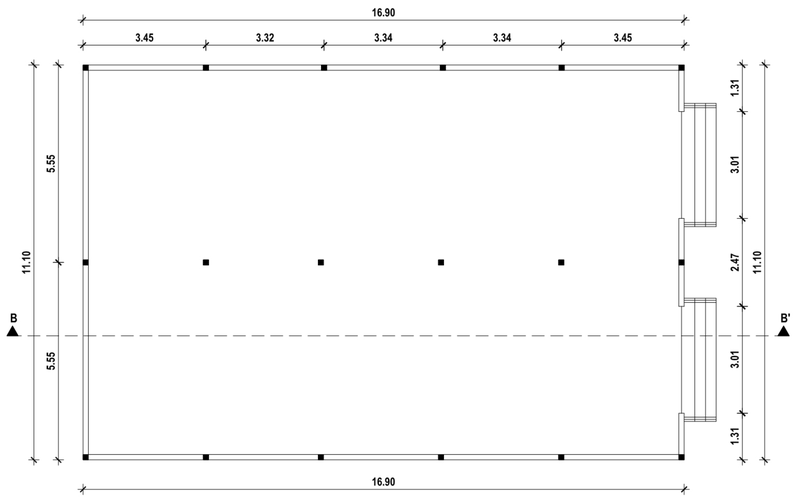
BLOCK-9, PRO. ROOF PLAN



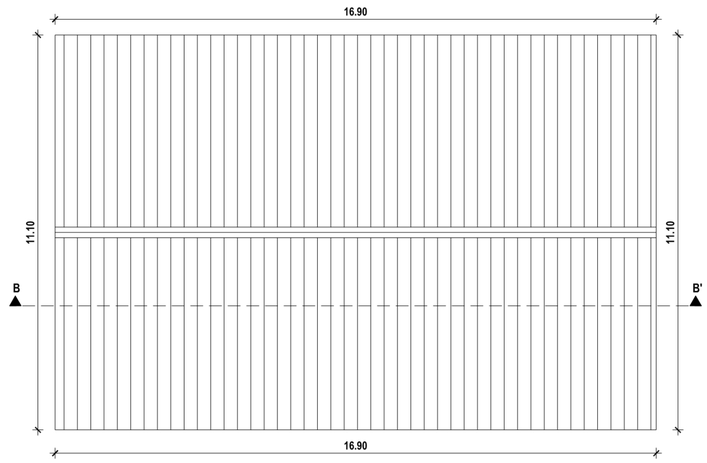
EAST FACE ELEVATION



CROSS SECTION- B.B'



BLOCK-7, PRO.WELDING SHED
GROUND FLOOR



BLOCK-7, PRO.WELDING SHED
GROUND FLOOR

SHEET NO - 03 OF 03

PLAN SHOWING THE REVISED AND PROPOSED ADDITIONAL CONSTRUCTION OF THE INDUSTRIAL BUILDING FOR M/S. RAMBAL PRIVATE LIMITED IN SURVEY NO-38/3A1, 3A2 & 3A3 OF EDAYANKUPPAM VILLAGE, THIRUPORUR TALUK, CHENGALPATTU DISTRICT.

THIRUPORUR PANCHAYAT UNION LIMIT.

APPLICANT SIGNATURE :-

Er.S.MOSES ARANGANATHAN
B.E., M.E(Struct.) FIE, FIA(Struct.), FIV.,
DTCP Registered Structural Engineer-Grade-I (RSE)
DTCP Reg.No. TVLR/RSE/Gr-I/2024/07/025
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Email Id: mosessaomu@gmail.com

STRUCTURAL ENGINEER :-

Dr.A.PAUL MAKESH
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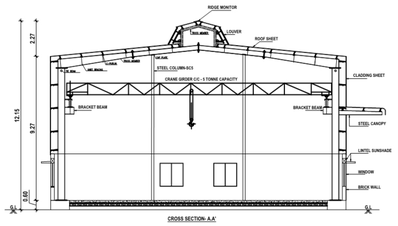
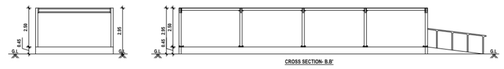
DTCP Registered Engineer Grade-I (RE)
DTCP Reg.No. TVLR/RE/Gr-I/2024/07/021
Maduravoyal, Chennai - 600095
Email Id: paulmakesh1986@gmail.com

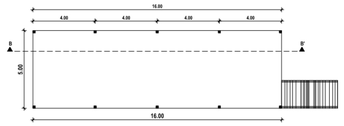
REGISTERED ENGINEER :-



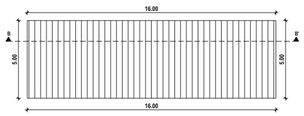
CROSS SECTION- A-A'



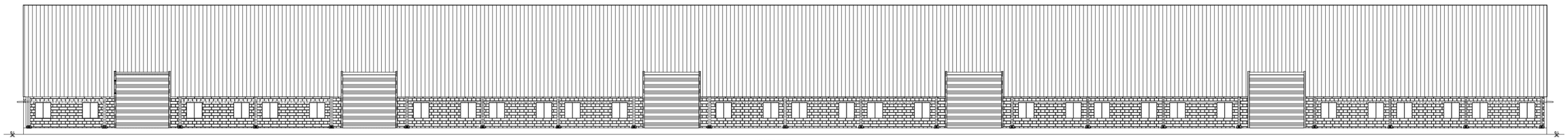
CROSS SECTION- B-B'



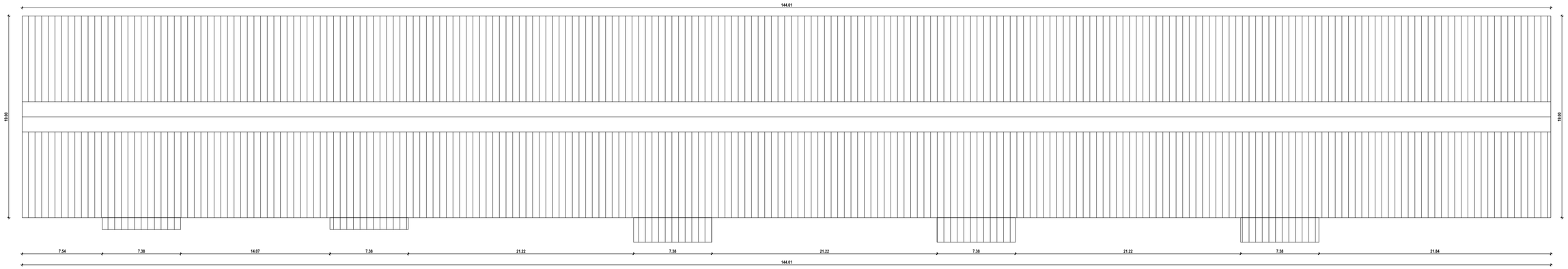
BLOCK-1B, PRO. TWO WHEELER PARKING
GROUND FLOOR



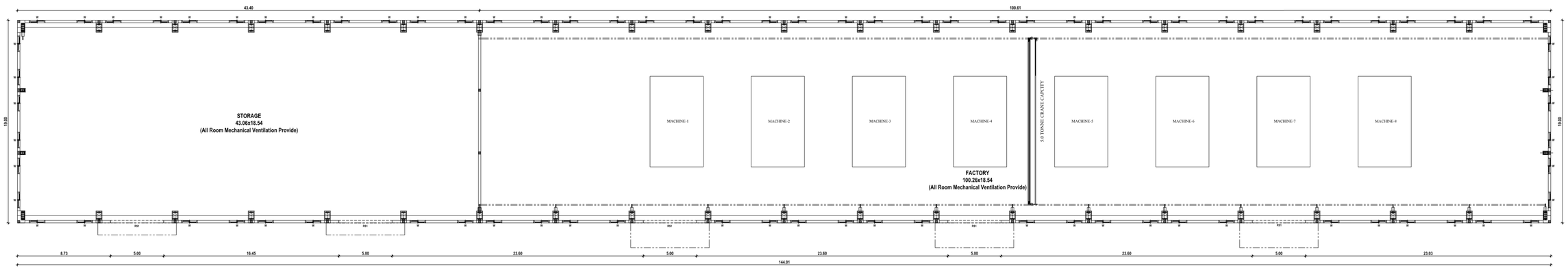
BLOCK-1B, PRO. TWO WHEELER PARKING
GROUND FLOOR



EAST FACE ELEVATION



BLOCK-1 PRO. ROOF PLAN



BLOCK-1 PRO. GROUND FLOOR PLAN

SHEET NO - 02 OF 03

PLAN SHOWING THE REVISED AND PROPOSED ADDITIONAL CONSTRUCTION OF THE INDUSTRIAL BUILDING FOR M/S. RAMBAL PRIVATE LIMITED IN SURVEY NO - 38/3A1, 3A2 & 3A3 OF EDAYANKUPPAM VILLAGE, THIRUPORUR TALUK, CHENGALPATTU DISTRICT.

THIRUPORUR PANCHAYAT UNION LIMIT.

APPLICANT SIGNATURE :-

STRUCTURAL ENGINEER :-

Er.S.MOSES ARANGANATHAN
B.E., M.Sc(Engg.),(PG. Part(Retired.), PG.
Diploma in Industrial Engineer-Grade-I (PG)
DTCP Reg. No. TVLR/EE/Gr.-I/2020/0/0000
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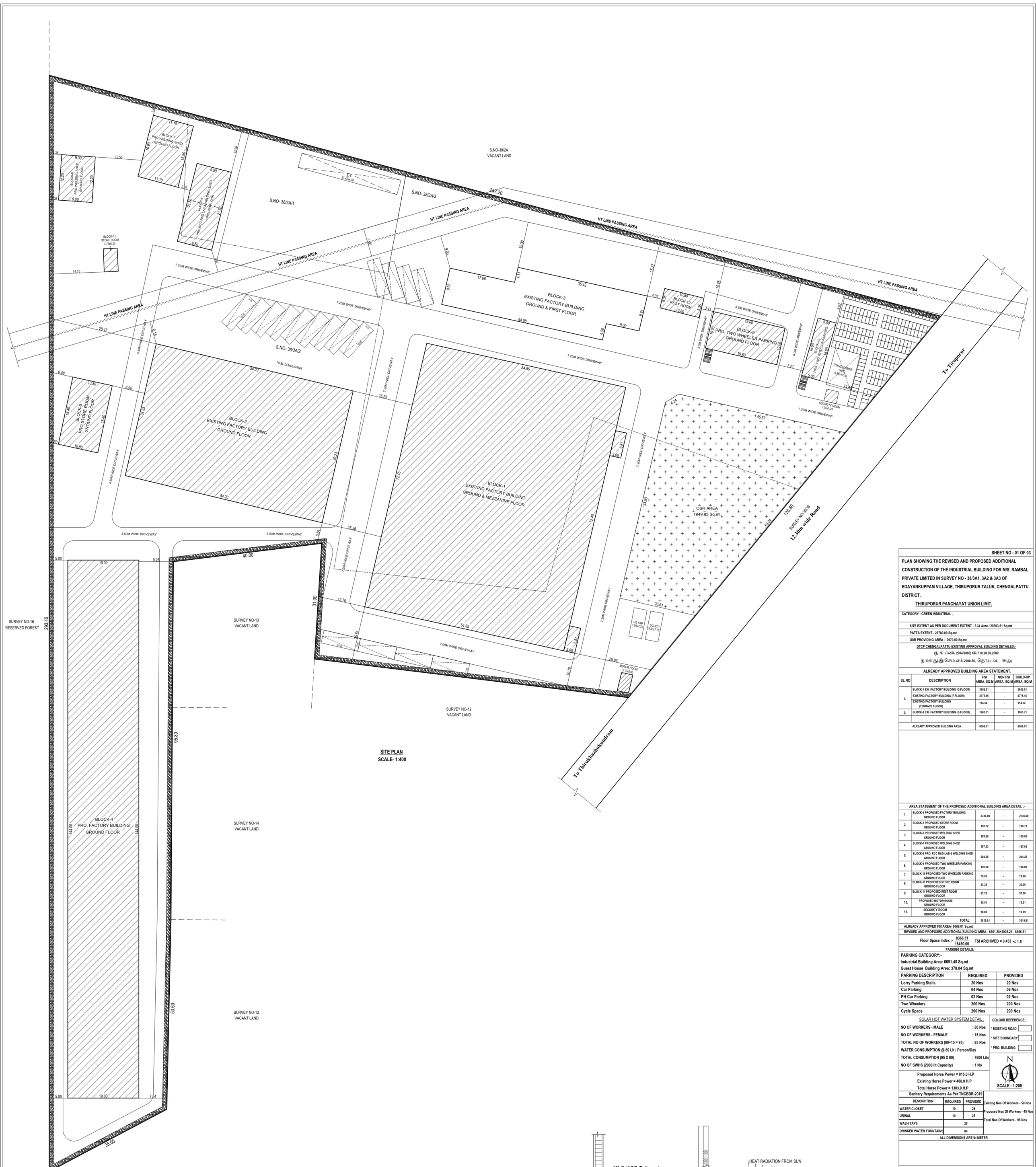
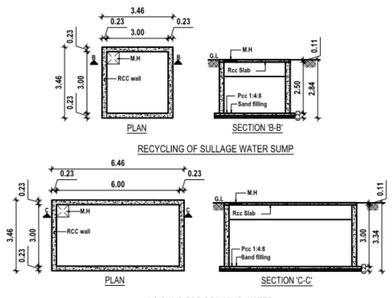
E-mail Id: moseasarrow@gmail.com

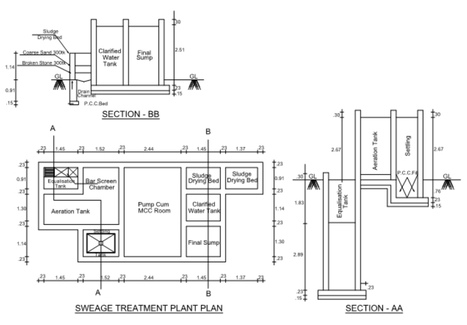
REGISTERED ENGINEER :-

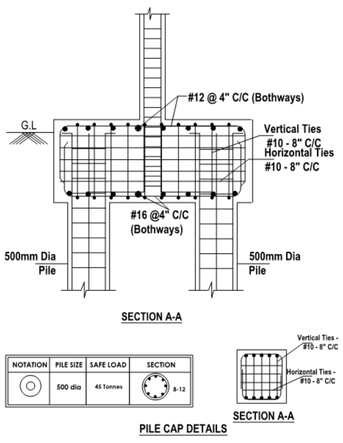
Dr.A.PAUL MAKESH
B.Tech., M.Tech.,(Const&Mang.Engg.),
DTCP Registered Engineer Grade-I (RE)
DTCP Reg.No. TVLR/RE/Gr.-I/2020/0/0021
Madurawoyal, Chennai - 600095
Email Id: paulmakesh1984@gmail.com



SITE PLAN
SCALE- 1:400

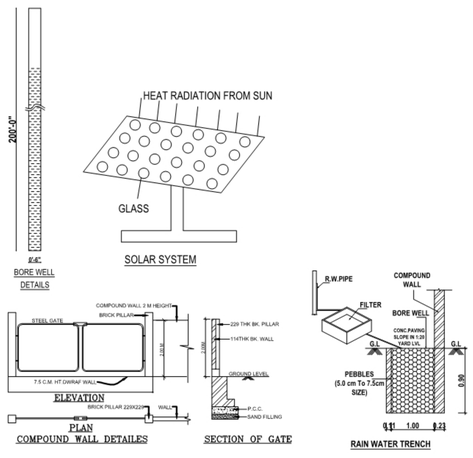






NOTATION	PILE SIZE	SAFE LOAD	SECTION
	500 dia	45 Tonnes	8-12

PILE CAP DETAILS



SHEET NO - 01 OF 03

PLAN SHOWING THE REVISED AND PROPOSED ADDITIONAL CONSTRUCTION OF THE INDUSTRIAL BUILDING FOR M/S. RAMBAL PRIVATE LIMITED IN SURVEY NO - 38/3A1, 3A2 & 3A3 OF EDAYANKUPPAM VILLAGE, THIRUPORUR TALUK, CHENGALPATTU DISTRICT.

THIRUPORUR PANCHAYAT UNION LIMIT.

CATEGORY : GREEN INDUSTRIAL ,

SITE EXTENT AS PER DOCUMENT EXTENT - 7.34 Acre / 29703.51 Sq.mt

PATTA EXTENT - 29700.00 Sq.mt

OSR PROVIDING AREA - 2970.00 Sq.mt

DTCP CHENGALPATTU EXISTING APPROVAL BUILDING DETAILED:-
(ந.க.எண்- 2904/2000) CR-7 dt.28.08.2000
ந.உள.த.இ/செம.எம்.2000-56, தொ.ப.எ. 36/அ

ALREADY APPROVED BUILDING AREA STATEMENT.

SL.NO	DESCRIPTION	FSI AREA. SQ.M	NON FSI AREA. SQ.M	BUILD-UP AREA. SQ.M
1.	BLOCK-1 EXI. FACTORY BUILDING (G.FLOOR)	3952.51	-	3952.51
	EXISTING FACTORY BUILDING (F.FLOOR)	2775.45	-	2775.45
	EXISTING FACTORY BUILDING (TERRACE FLOOR)	114.54	-	114.54
2.	BLOCK-2 EXI. FACTORY BUILDING (G.FLOOR)	1963.71	-	1963.71
	ALREADY APPROVED BUILDING AREA	8068.01		8068.01

AREA STATEMENT OF THE PROPOSED ADDITIONAL BUILDING AREA DETAIL :-

1.	BLOCK-4 PROPOSED FACTORY BUILDING GROUND FLOOR	2736.00	-	2736.00
2.	BLOCK-5 PROPOSED STORE ROOM GROUND FLOOR	198.72	-	198.72
3.	BLOCK-6 PROPOSED WELDING SHED GROUND FLOOR	109.80	-	109.80
4.	BLOCK-7 PROPOSED WELDING SHED GROUND FLOOR	187.63	-	187.63
5.	BLOCK-8 PRO. RCC R&D LAB & WELDING SHED GROUND FLOOR	204.25	-	204.25
6.	BLOCK-9 PROPOSED TWO WHEELER PARKING GROUND FLOOR	196.00	-	196.00
7.	BLOCK-10 PROPOSED TWO WHEELER PARKING GROUND FLOOR	79.98	-	79.98
8.	BLOCK-11 PROPOSED STORE ROOM GROUND FLOOR	23.25	-	23.25
9.	BLOCK-11 PROPOSED REST ROOM GROUND FLOOR	57.78	-	57.78
10.	PROPOSED MOTOR ROOM GROUND FLOOR	15.51	-	15.51
11.	SECURITY ROOM GROUND FLOOR	10.89	-	10.89
	TOTAL	3819.81	-	3819.81

ALREADY APPROVED FSI AREA- 8068.01 Sq.mt

REVISED AND PROPOSED ADDITIONAL BUILDING AREA - 6361.28+2005.23 - 8366.51

Floor Space Index :- $\frac{8366.51}{18450.00}$ FSI ARCHIVED = 0.453 < 1.5

PARKING DETAILS:

PARKING CATEGORY:-
Industrial Building Area: 6651.45 Sq.mt
Guest House Building Area: 378.04 Sq.mt

PARKING DESCRIPTION	REQUIRED	PROVIDED
Lorry Parking Stalls	20 Nos	20 Nos
Car Parking	04 Nos	06 Nos
PH Car Parking	02 Nos	02 Nos
Two Wheelers	200 Nos	200 Nos
Cycle Space	200 Nos	200 Nos

SOLAR HOT WATER SYSTEM DETAIL :

NO OF WORKERS - MALE : 80 Nos
NO OF WORKERS - FEMALE : 15 Nos
TOTAL NO OF WORKERS (80+15 = 95) : 95 Nos
WATER CONSUMPTION @ 80 Lit / Person/Day
TOTAL CONSUMPTION (95 X 80) : 7600 Lits
NO OF SWHS (2000 lit Capacity) : 1 No

COLOUR REFERENCE :
* EXISTING ROAD
* SITE BOUNDARY
* PRO. BUILDING

N
SCALE - 1:200

Proposed Horse Power = 815.0 H.P
Existing Horse Power = 488.0 H.P
Total Horse Power = 1303.0 H.P

Sanitary Requirements As Per TNCBDR-2019

DESCRIPTION	REQUIRED	PROVIDED
WATER CLOSET	10	28
URINAL	10	25
WASH TAPS	28	
DRINKER WATER FOUNTAINS	04	

Existing Nos Of Workers - 50 Nos
Proposed Nos Of Workers - 45 Nos
Total Nos Of Workers - 95 Nos

ALL DIMENSIONS ARE IN METER

APPLICANT SIGNATURE :-

Er.S.MOSES ARANGANATHAN
B.E., M.Sc(Hons.),PhD, PG.Dip(Law), PG.Dip(Mgt.), PhD(Mgt.), Ph.D(Law)
DTCP Reg.No. TVL/R/B/Ca -0100/2000
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STRUCTURAL ENGINEER :-

Dr.A.PAUL MAKESH
B.Tech., M.Tech.,(Constructing Engg.)
DTCP Registered Engineer Grade-I (RE)
DTCP Reg.No. TVL/R/B/Ca -0200/2007/P021
Madunavoyal, Chennai - 600066
Email id: paulmakesh1986@gmail.com

REGISTERED ENGINEER :-

Signature Not Verified
Digitally signed by Dr.A.PAUL MAKESH
Date: 2026.05.25 11:11:04 IST