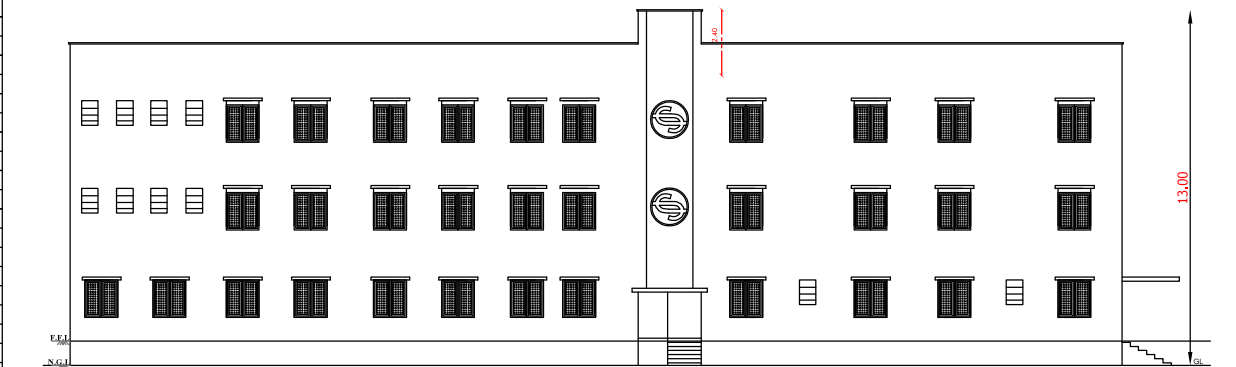
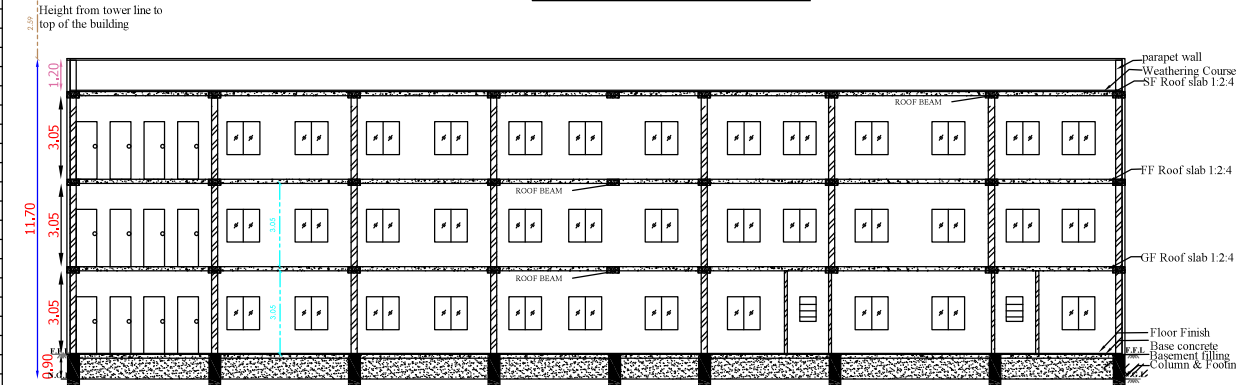


PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING "SUMANGALA STEEL PRIVATE LIMITED MANUFACTURING OF STEEL" IN R.S.NO:391/3, 4B, 5, 6A, 6B AT PUTHURAI VILLAGE AND PANCHAYAT, VANUR TALUK, VILLUPURAM DISTRICT.

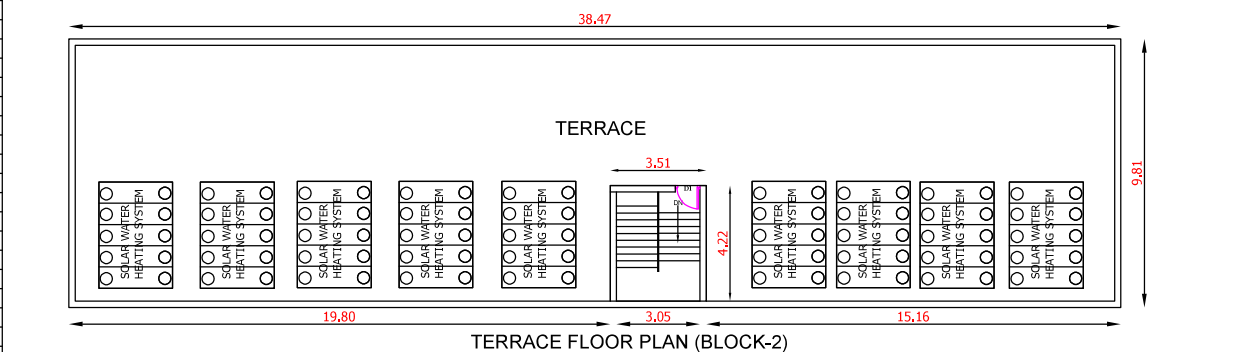
APPLICANT : Mr.RAJENDRAN SABANAYAGAM, Director of SUMANGALA STEEL PVT LTD.,



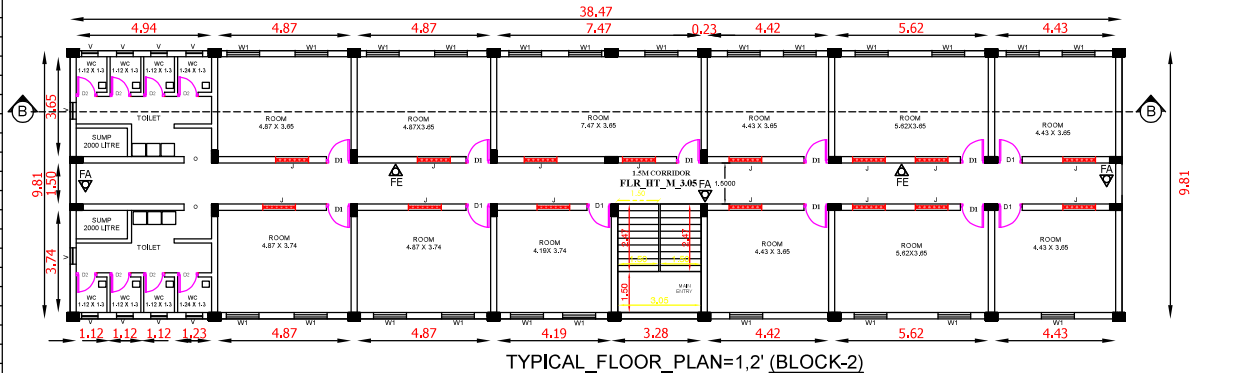
FRONT ELEVATION (BLOCK-2)



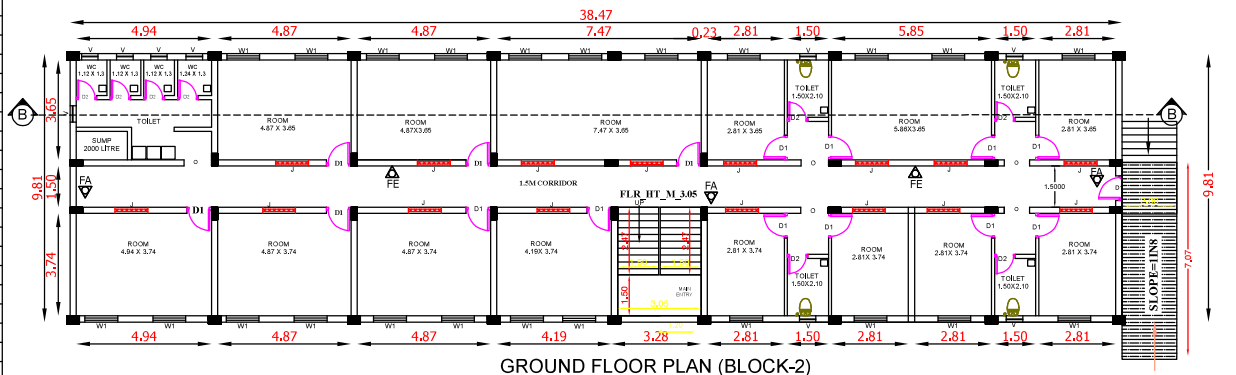
SECTION-BB (BLOCK-2)



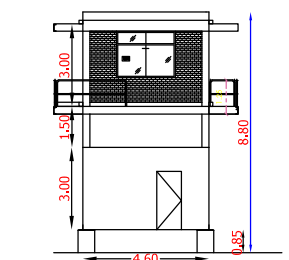
TERRACE FLOOR PLAN (BLOCK-2)



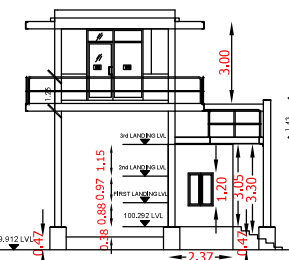
TYPICAL FLOOR PLAN=1,2' (BLOCK-2)



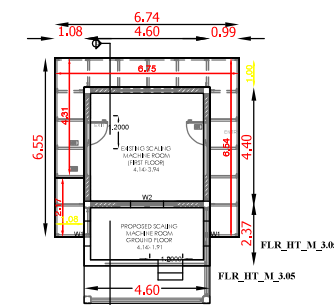
GROUND FLOOR PLAN (BLOCK-2)



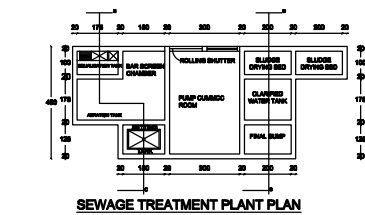
FRONT ELEVATION-(BLOCK-3)



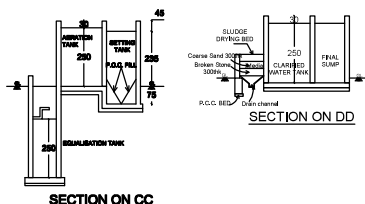
SECTION-DD (BLOCK-3)



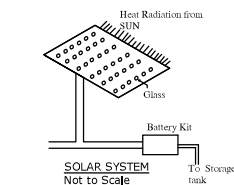
EXG.GF & PRO.FF PLAN(BLOCK-3)



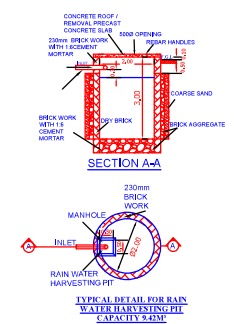
SEWAGE TREATMENT PLANT PLAN



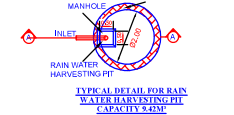
SECTION ON CC



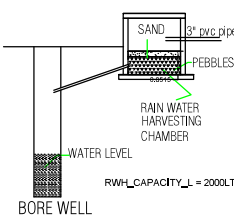
SOLAR SYSTEM
Not to Scale



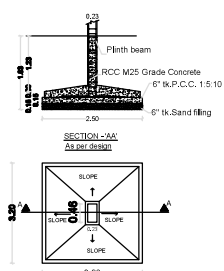
SECTION-AA



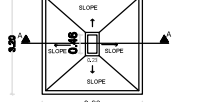
TYPICAL DETAIL FOR RAIN
WATER HARVESTING PIT



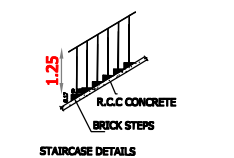
RAIN WATER HARVESTING
CHAMBER



SECTION-AA



PLAN



R.C.C CONCRETE



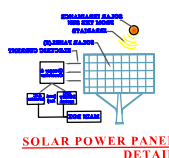
BRICK STEPS



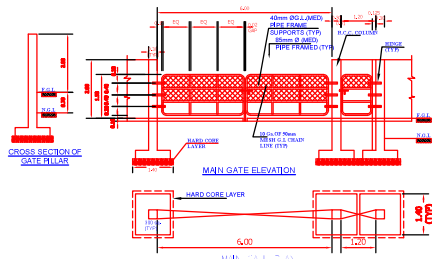
STAIRCASE DETAILS



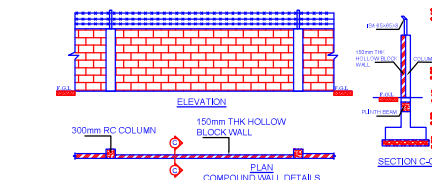
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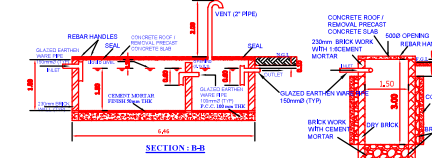
SOLAR POWER PANEL
DETAIL



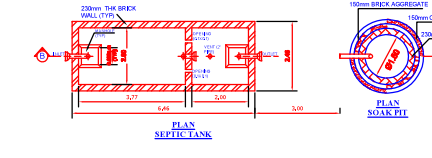
CROSS SECTION OF
GATE PILE



ELEVATION



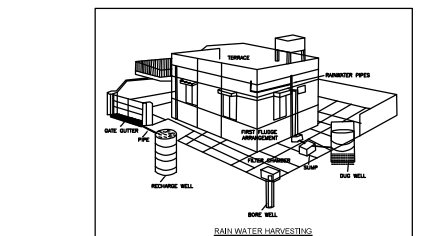
SECTION-BB



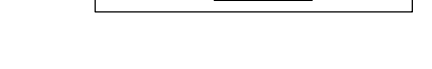
PLAN



PLAN



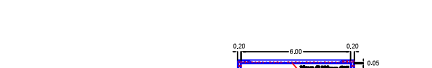
RAIN WATER HARVESTING



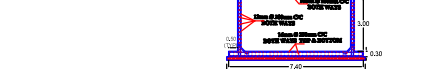
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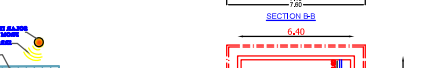
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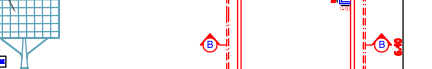
SECTION-AA



SECTION-BB



SECTION-AA



SECTION-BB



SECTION-AA



SECTION-BB



SECTION-AA



SECTION-BB



SECTION-AA



SECTION-BB

SHEET-4/6
Scale : 1:100
Size : A0

ALL DIMENSIONS ARE IN "METER"

JOINERY DETAILS		
R,S	-	ROLLING SHUTTER : 3,05 X 2,44
D	-	DOUBLE DOOR : 2,00 X 2,13
D1	-	DOOR : 1,22 X 2,13
D2	-	DOOR : 0,75 X 2,13
W	-	WINDOW : 2,00 X 2,00
W1	-	WINDOW : 1,83 X 1,20
V	-	VENTILATOR : 0,60 X 0,90
FE	-	FIRE EXTINGUISHER
FA	-	FIRE ALARM
SB	-	SAND BUCKET

AREA DETAILS		
Site Area as per Document: 6.77 Acre / 27397.21 Sq.m		
Site Area as per Patta: 6.53 Acre / 26850.00 Sq.m		
Site Area as per Site: 6.86 Acre / 27770.67 Sq.m		
BLOCK - 1 MAIN BUILDING-STEEL STRUCTURE		
FLOOR AREA DETAILS	1st Area (Sq.m)	Total build up Area (Sq.m)
GROUND FLOOR AREA	3978.00	3978.00
BLOCK - 2: RCC BUILDING-Labour quarters		
AREA OF GROUND FLOOR	377.49	377.49
AREA OF FIRST FLOOR	377.49	377.49
AREA OF SECOND FLOOR	377.49	377.49
HEAD ROOM AREA	-	14.82
TOTAL BUILDUP AREA	1132.47	1147.29
BLOCK - 3: WEIGH BRIDGE BUILDING		
PRO.GROUND FLOOR AREA	55.37	55.37
EXG.FIRST FLOOR AREA	30.08	30.08
TOTAL AREA	85.45	85.45
TOTAL BUILDUP AREA = 5210.74 Sq.m		
TOTAL FSI AREA = 5195.92 Sq.m		
FSI = 5195.92/26850.00 = 0.193 < 1.5		

BLOCK-4: 263.23 Sq.m ; BLOCK-5: 230.08 Sq.m;
BLOCK-6: 292.31 Sq.m ; BLOCK-7: 675.60 Sq.m
Total Existing Area:1461.22 Sq.m

SPECIFICATION
FOUNDATION AND BASEMENT FILLING WITH RIVER SAND.
FOUNDATION CONCRETE WITH PLAIN CEMENT CONCRETE 1:4:8, USING 40MM SIZE STONE JELLY, COLUMN FOOTING, SLOPED PORTION, COLUMN, GRADE BEAM, LINTEL CUM SUNSHADE, T AND L BEAMS, ROOF, GATE, PILLARS, CULVERT, DECK SLAB ETC WITH REINFORCED CEMENT CONCRETE 1:1.5:3 USING 20MM SIZE STONE JELLY WITH ADEQUATE REINFORCEMENT. BRICK WORK WITH CEMENT MORTAR 1:5, USING 1ST CLASS BRICKS, PLASTERING WITH CEMENT MORTAR 1:5, 12MM THICK AND OVER CONCRETE AND CEILING PLASTERING WITH CEMENT MORTAR 1:3, 12MM THICK. FLOOR BASE WITH P.C.C 1:4:8 AND FLOOR FINISH WITH P.C.C 1:1.5:3, COLOR WASHING WITH TWO COATS OF CEMENT PAINT INCLUDING ONE BASE COAT. SYNTHETIC ENAMEL PAINTING 2-COATS WITH 1-PRIMING COAT FOR ALL STEEL AND WOOD WORKS, WEATHERING COURSE WITH BRICKBAT LIME CONCRETE OVER THE ROOF. BRICK PARTITION WITH CEMENT MORTAR 1:4 USING 1ST CLASS BRICKS.

For SUMANGALA STEEL (P) LTD.,
APPLICANT

Dr. M. GOWSALYA B.E. (Civil)
REGD. IN V/SEPTEMBER-2021/056
DTCP Villupuram District Office (VD)
No.2/298, Perumal Koil Thoppu Street,
Koliyanur, Villupuram-605 103.
Cell: 90807/73191, 9514436859

REGISTERED ENGINEER

Dr. MATHAN KANNAN K. M.Arch., Ph.D.,
REGISTERED ARCHITECT
Reg. No: RA/GR.1/VYR/APRIL 2019/003
Mobile: 91505 09689

ARCHITECT

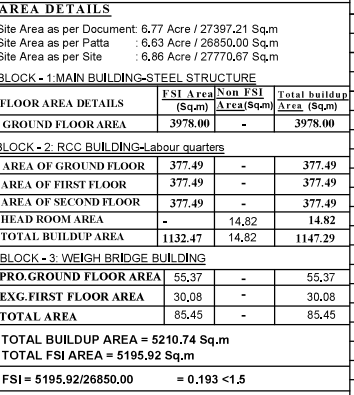
Dr. M. FAGURUDISEN MOHAMMED
B.E. M.Tech. (Structural), P.D.S. (P.E.), M.B.E.,
Chartered Engineer
Structural Engineer Grade -I (SESD)
Reg. No: RS/2007/06.1/VYR/APRIL 2019/004
DTCP Villupuram Regional Office (VR)
Cell: 7010771237, 9150370304

STRUCTURAL ENGINEER

BP/DTCP.NO.303/2023

 SHEET:3/6
 Scale : 1:100
 Size : A0
 ALL DIMENSIONS ARE IN "METER"

EQUIPMENT DETAILS		
R-S	- ROLLING SHUTTER	3.05 X 2.44
D	- DOUBLE DOOR	2.00 X 2.13
D1	- DOOR	1.22 X 2.13
D2	- DOOR	0.75 X 2.13
W	- WINDOW	2.00 X 2.00
W1	- WINDOW	1.83 X 1.20
V	- VENTILATOR	0.60 X 0.90
FE	- FIRE EXTINGUISHER	
FA	- FIRE ALARM	
SB	- SAND BUCKET	



SPECIFICATION

FOUNDATION AND BASEMENT FILLING WITH RIVER SAND.
 FOUNDATION CONCRETE WITH PLAIN CEMENT CONCRETE 1:4:8, USING 40MM SIZE STONE, JELLY, COLUMN FOOTING, SLOPED PORTION, COLUMN GRADE, BEAM, LINTEL, CUM RUNS/SLAB AT 1:4:8, BEAMS, ROOF GATE, PILLARS, CULVERT, DECK SLAB E.T.C, WITH REINFORCED CEMENT CONCRETE 1:1.5:3 USING 20MM SIZE STONE JELLY WITH ADEQUATE REINFORCEMENT. BRICK WORK WITH CEMENT MORTAR 1:5, USING 1ST CLASS BRICKS, PLASTERING WITH CEMENT MORTAR 1:5, 12MM THICK AND OVER CONCRETE AND CEMENT PLASTERING WITH PLASTERING WITH CEMENT MORTAR 1:5, 12MM THICK, FLOOR BASE WITH P.C.C 1:4:8 AND FLOOR FINISH WITH P.C.C 1:1.5:3, COLOR WASHING WITH TWO COATS OF CEMENT PAINT INCLUDING ONE BASE COAT, SYNTHETIC ENAMEL PAINTING 2-COATS WITH 4-PRIMING COAT FOR ALL STEEL AND WOOD WORKS, WEATHERING COURSE WITH BRICK LIME MORTAR 1:5, ROOF BRICKS.

PARTITION WITH CEMENT MORTAR 1:4 USING 1ST CLASS BRICKS.

Authorized Signatory

Er. M. GOWSALYA B.E., (Civil)
RE/GR.III/VD/SEPTEMBER-2021/056
DTCP Villupuram District Office (VD)
No.2/298, Perumal Koil Thoppu Street
Koliyanur, Villupuram-605 103.
Cell: 9080775191, 9514436859


r, MATHAN KANNAN, K, M.Arch., Ph.D.
REGISTERED ARCHITECT
Reg. No: RA/GR.1/VR/APRIL 2019/00
Mobile: 91305 00689
ARCHITECT

Er.M.PAGURUDEEN MOHAMED
B.E.M.Tech.(Strul) PG.D.QSV_MIE.FIV.,
Chartered Engineer
Structural Engineer Grade -1(RSE)
Reg No:RSE/GR.1/VR/APRIL 2019/004
DTPC Villupuram Regional Office(VR)
Cell: 7010771257,9150370364

B.P/DTCP NO:303/ 2023



PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING "SUMANGALA STEEL PRIVATE LIMITED MANUFACTURING OF STEEL" IN R.S.NO:391/3, 4B, 5, 6A, 6B AT PUTHURAI VILLAGE AND PANCHAYAT, VANUR TALUK, VILLUPURAM DISTRICT.

APPLICANT : Mr.RAJENDRAN SABANAYAGAM, Director of SUMANGALA STEEL PVT LTD.,

N

W

E

S

ALL DIMENSIONS ARE IN "METER"

SHEET:2/6

Scale : 1:100

Size : A0

JOINERY DETAILS

R.S

ROLLING SHUTTER

3.05 X 2.44

D

DOUBLE DOOR

2.00 X 2.13

D1

DOOR

1.22 X 2.13

D2

DOOR

0.75 X 2.13

W

WINDOW

2.00 X 2.00

W1

WINDOW

1.83 X 1.20

V

VENTILATION

0.60 X 0.90

FE

FIRE EXTINGUISHER

FA

FIRE ALARM

SB

SAND BUCKET

AREA DETAILS

Site Area as per Document

6.77 Acre / 27397.21 Sqm

Site Area as per Patta

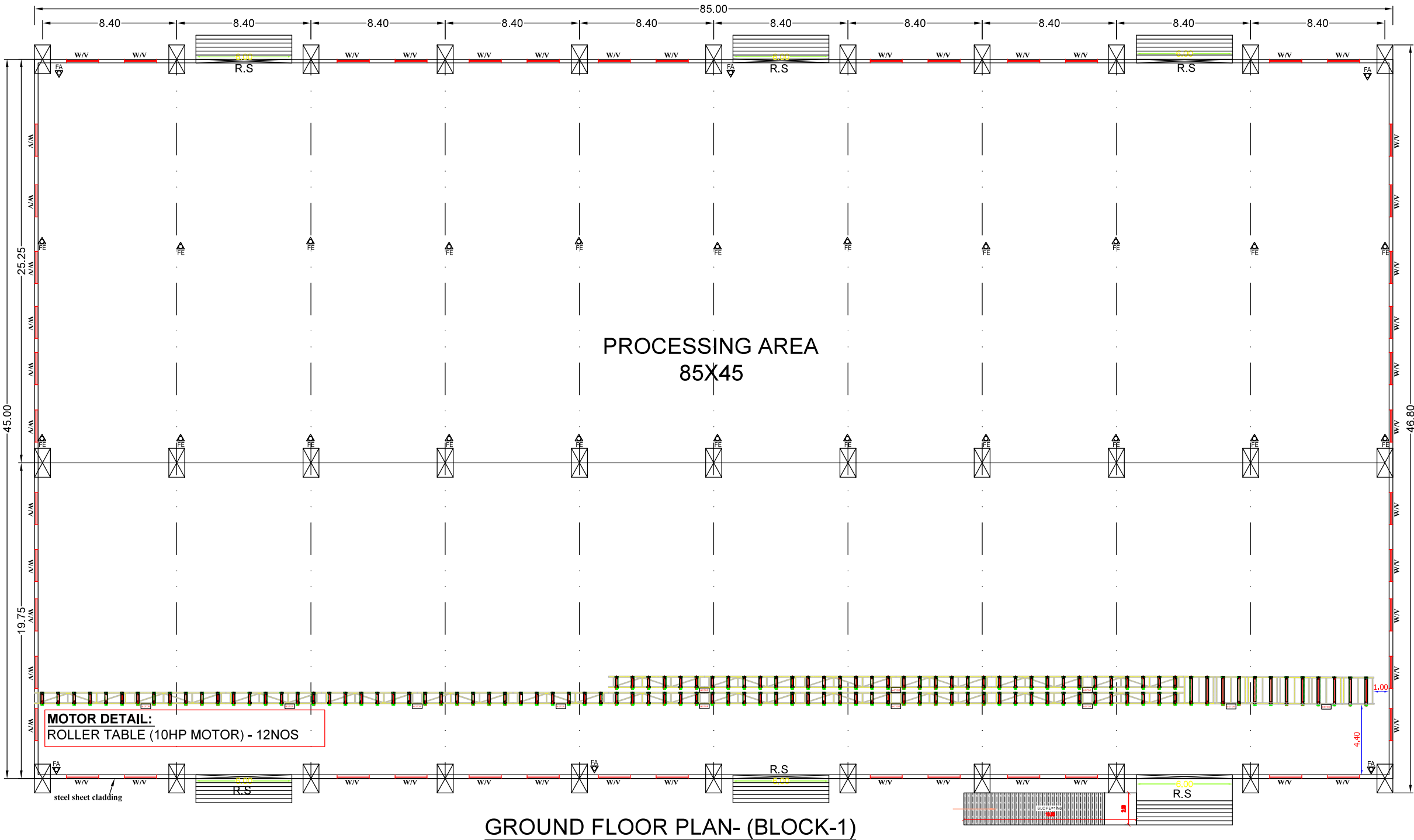
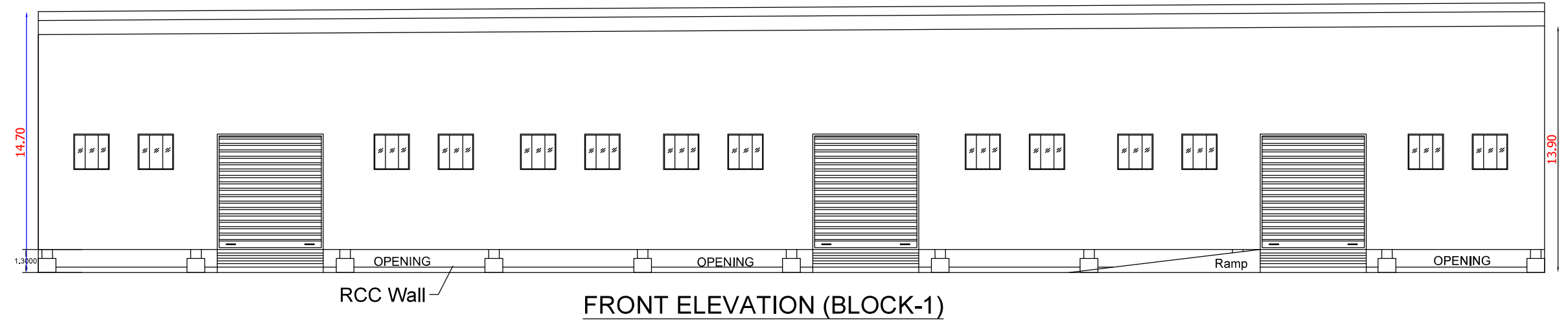
6.63 Acre / 26850.00 Sqm

Site Area as per Site

6.86 Acre / 27770.67 Sqm

BLOCK - 1: MAIN BUILDING-STEEL STRUCTURE

FLOOR AREA DETAILS	FSI Area (Sq.m)	Non FSI Area (Sq.m)	Total buildup Area (Sq.m)
GROUND FLOOR AREA	3978.00	-	3978.00



BLOCK - 2: RCC BUILDING-Labour quarters			
AREA OF GROUND FLOOR	377.49	-	377.49
AREA OF FIRST FLOOR	377.49	-	377.49
AREA OF SECOND FLOOR	377.49	-	377.49
HEAD ROOM AREA	-	14.82	14.82
TOTAL BUILDUP AREA	1132.47	14.82	1147.29
BLOCK - 3: WEIGH BRIDGE BUILDING			
PRO. GROUND FLOOR AREA	55.37	-	55.37
EXG. FIRST FLOOR AREA	30.08	-	30.08
TOTAL AREA	85.45	-	85.45
TOTAL BUILDUP AREA = 5210.74 Sq.m			
TOTAL FSI AREA = 5195.92 Sq.m			
FSI = 5195.92/26850.00 = 0.193 < 1.5			
BLOCK - 4, 5, 6 & 7: Existing blocks (To be demolished)			
BLOCK-4: 263.23 Sq.m ; BLOCK-5: 230.08 Sq.m ;			
BLOCK-6: 292.31 Sq.m ; BLOCK-7: 675.60 Sq.m			
Total Existing Area: 1461.22 Sq.m			

SPECIFICATION

FOUNDATION AND BASEMENT FILLING WITH RIVER SAND, FOUNDATION CONCRETE WITH PLAIN CEMENT CONCRETE 1:4:8, USING 40MM SIZE STONE JELLY, COLUMN FOOTING, SLOPED PORTION, COLUMN, GRADE BEAM, LINTEL CUM SUNSHADE T AND L BEAMS, ROOF, GATE, PILLARS, CULVERT, DECK SLAB ETC, WITH REINFORCED CEMENT CONCRETE 1:1.5:3 USING 20MM SIZE STONE JELLY WITH ADEQUATE REINFORCEMENT, BRICK WORK WITH CEMENT MORTAR 1:5, USING 1ST CLASS BRICKS, PLASTERING WITH CEMENT MORTAR 1:5, 12MM THICK AND OVER CONCRETE AND CEILING PLASTERING WITH CEMENT MORTAR 1:3, 12MM THICK, FLOOR BASE WITH P.C.C 1:4:8 AND FLOOR FINISH WITH P.C.C 1:1.5:3, COLOR WASHING WITH TWO COATS OF CEMENT PAINT INCLUDING ONE BASE COAT, SYNTHETIC ENAMEL PAINTING 2-COATS WITH 1-PRIMING COAT FOR ALL STEEL AND WOOD WORKS, WEATHERING COURSE WITH BRICKBAT LIME CONCRETE OVER THE ROOF, BRICK PARTITION WITH CEMENT MORTAR 1:4 USING 1ST CLASS BRICKS.

For SUMANGALA STEEL (P) LTD.,

[Signature]

APPLICANT

[Signature]

Er. M. GOWSALYA S.B. (Civil)
REG. NO. 10/SEPTEMBER-2021/866
DTCP Villupuram District Office (VO)
No. 2/298, Perumal Koil Thoppu Street,
Koliyanur, Villupuram-605 103.
Cell: 9080775191, 9514436859

REGISTERED ENGINEER

[Signature]

Dr. MATHAN KANNAN K. M. Arch. Ph.D.,
REGISTERED ARCHITECT
Reg. No: RA/GR.11VR/APRIL 2019/003
Mobile: 91505 96669

ARCHITECT

[Signature]

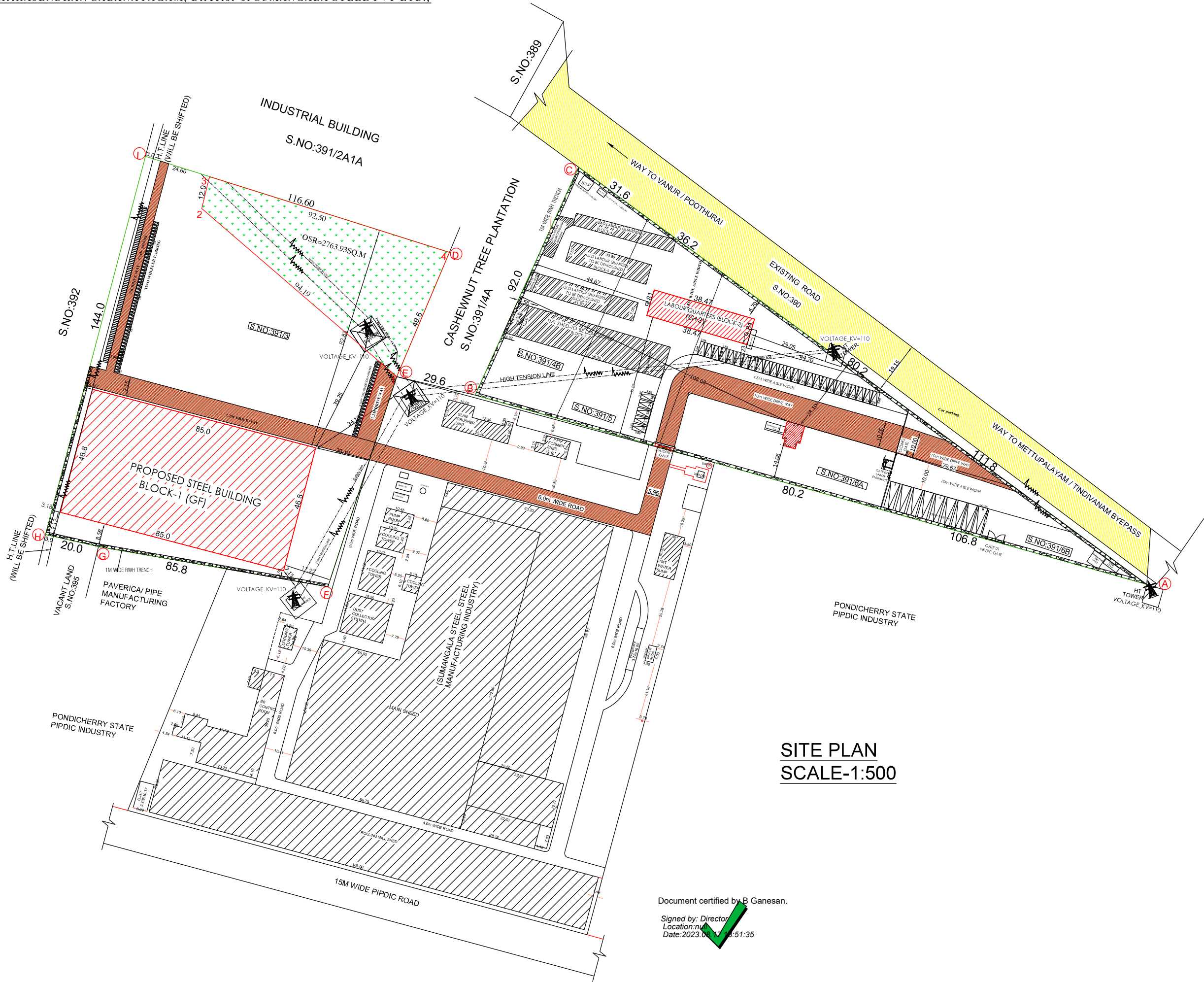
Dr. M. FATHIMAH MOHAMED
B.E. M.Tech. (Struct.) PG.D (ENV. MGMT. PRV.)
Chartered Engineer
Structural Engineer Grade - I (RSB)
Reg. No: RS/GR.11VR/APRIL 2019/004
DTCP Villupuram Regional Office (VO)
Cell: 7010771257, 9150370364

STRUCTURAL ENGINEER

BP/DTCP.NO. 303/2023

SITE PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING "SUMANGALA STEEL PRIVATE LIMITED MANUFACTURING OF STEEL" IN R.S.NO:391/3, 4B, 5, 6A, 6B AT PUTHURAI VILLAGE AND PANCHAYAT, VANUR TALUK, VILLUPURAM DISTRICT.

APPLICANT : Mr.RAJENDRAN SABANAYAGAM, Director of SUMANGALA STEEL PVT LTD.,



SITE PLAN
SCALE-1:500

Document certified by B Ganesan.

Signed by: Director
Location: n
Date: 2023.08.18 18:51:35

SHEET: 1/6	
Scale : 1:100	
Size : A0	
ALL DIMENSIONS ARE IN "METER"	
JOINERY DETAILS	
R.S	ROLLING SHUTTER : 3.05 X 2.44
D	DOUBLE DOOR : 2.00 X 2.13
D1	DOOR : 1.22 X 2.13
D2	DOOR : 0.75 X 2.13
W	WINDOW : 2.00 X 2.00
W1	WINDOW : 1.83 X 1.20
V	VENTILATOR : 0.60 X 0.60
FE	FIRE EXTINGUISHER
FA	FIRE ALARM
SB	SAND BUCKET

AREA DETAILS	
Site Area as per Document: 6.77 Acre / 27397.21 Sq.m	
Site Area as per Patta : 6.63 Acre / 26850.00 Sq.m	
Site Area as per Site : 6.63 Acre / 26850.73 Sq.m	

BLOCK - 1 MAIN BUILDING-STEEL STRUCTURE	
FLOOR AREA DETAILS	FSI Area (Sq.m)
GROUND FLOOR AREA	3978.00

BLOCK - 2: RCC BUILDING-Labour quarters	
AREA OF GROUND FLOOR	377.49
AREA OF FIRST FLOOR	377.49
AREA OF SECOND FLOOR	377.49
HEAD ROOM AREA	14.82
TOTAL BUILDUP AREA	1132.47

BLOCK - 3: WEIGH BRIDGE BUILDING	
PRO GROUND FLOOR AREA	55.37
EXG.FIRST FLOOR AREA	30.08
TOTAL AREA	85.45

TOTAL BUILDUP AREA = 5210.74 Sq.m	
TOTAL FSI AREA = 5195.92 Sq.m	
FSI = 5195.92/26850.00 = 0.193 < 1.5	

BLOCK - 4, 5, 6 & 7: Existing blocks (To be demolished)	
BLOCK-4: 263.23 Sq.m ; BLOCK-5: 230.08 Sq.m ;	
BLOCK-6: 292.31 Sq.m ; BLOCK-7: 675.60 Sq.m	
Total Existing Area: 1461.22 Sq.m	

PARKING DETAILS:	
PARKING:	REQUIRED PROVIDED
CYCLE SPACE	75 NOS 90 NOS
TWO WHEELER	75 NOS 75 NOS
CAR PARKING	24 NOS 30 NOS
LORRY PARKING	08 NOS 09 NOS

OSR PROVISION:	
TAKING SITE AREA AS PER DOCUMENT - (27397.21 SQ.M)	
O.S.R REQUIRED : 2739.72 SQ.M (10.00%)	
O.S.R PROVIDED: 2763.93 SQ.M (10.08%)	

BP/DTCP.NO. 303/2023

MACHINERY AND LABOUR DETAILS:	
ROLLER TABLE - 12NOS (10 HP MOTOR)	
TOTAL H.P - 120 HP	
NO.OF.WORKERS- 30 PERSONS	

COLOUR CODE	
BOUNDARY	-
PROPOSED BUILDING	-
EXG.ROAD	-
DRIVE WAY	-
OSR	-

For SUMANGALA STEEL (P) LTD.,
APPLICANT

REGISTERED ENGINEER

ARCHITECT

STRUCTURAL ENGINEER

STRUCTURAL ENGINEER