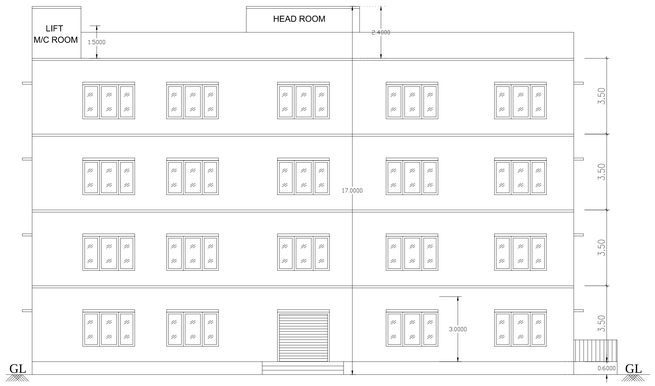
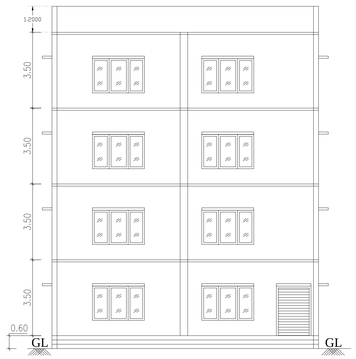
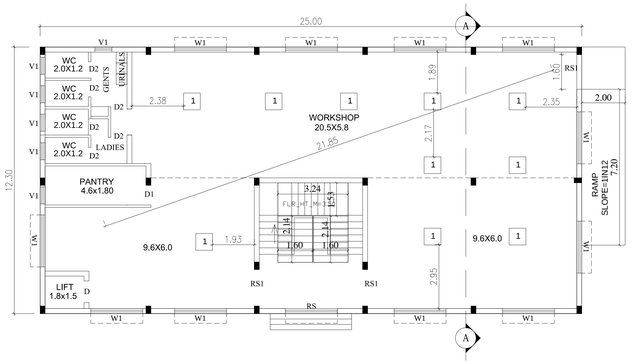
BLOCK-1 - WORKSHOP



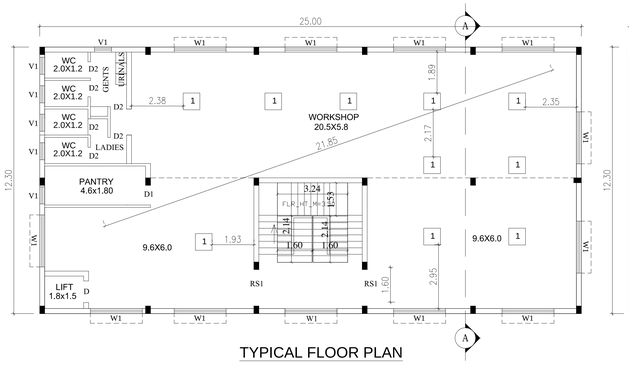
FRONT ELEVATION(NORTH FACING)



SECTION ON AA

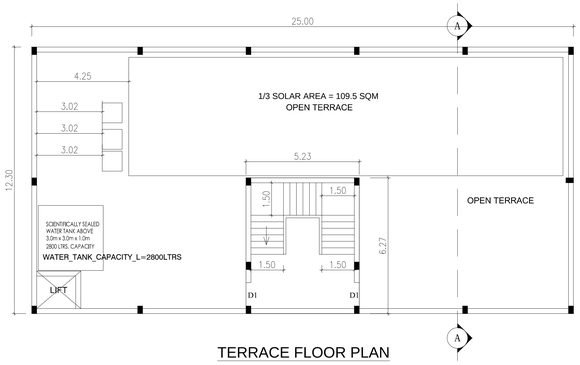


GROUND FLOOR PLAN



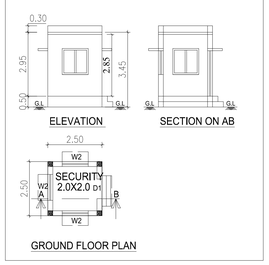
TYPICAL FLOOR PLAN
FIRST,SECOND& THIRD FLOOR PLAN

TYPICAL_FLOOR_PLAN=1,2,3

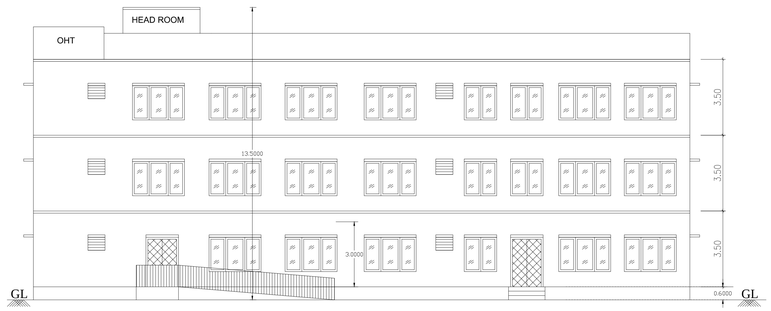


TERRACE FLOOR PLAN

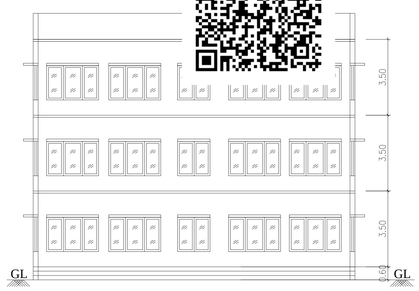
SECURITY ROOM



BLOCK-2 - LABOURS ACCOMMODATION



FRONT ELEVATION(NORTH FACING)



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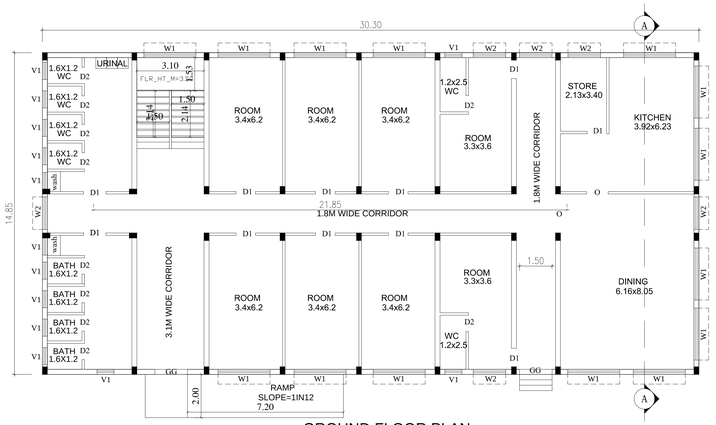
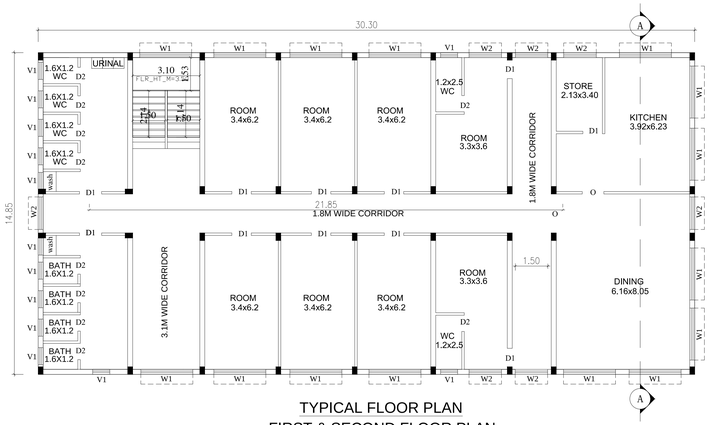
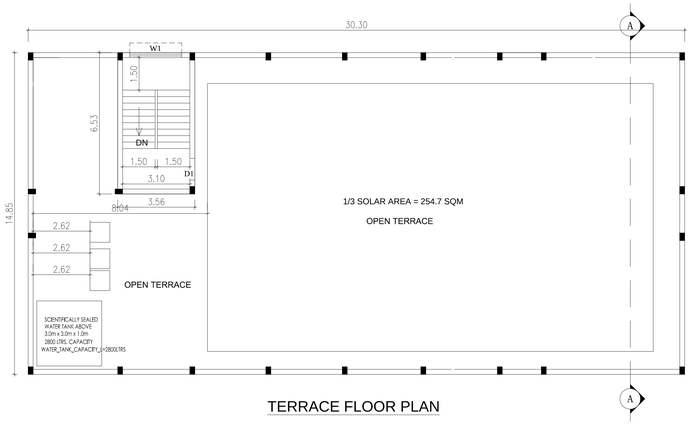


GROUND FLOOR PLAN



TYPICAL FLOOR PLAN
FIRST & SECOND FLOOR PLAN

TYPICAL_FLOOR_PLAN=1,2



TERRACE FLOOR PLAN

SHEET NO : 2/2

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COTTAGE INDUSTRIES WORKSHOP BUILDING AND LABOURS ACCOMMODATION BUILDING UNIT FOR M/s AVENTERA VENTURES - 152.0 HP AT S.No: 858/1B1, 2B1 OF HUSSAIN NAGARAM VILLAGE, MAPPEDU PANCHAYAT, KADAMBATHUR UNION, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : COTTAGE INDUSTRY
MANUFACTURING TYPE : LUGGAGE MANUFACTURING

SCHEDULE OF JOINERY

RS	ROLLING SHUTTER	2.40 X 2.13
RS1	ROLLING SHUTTER	1.50 X 2.13
GG	GRILL DOOR	1.50 X 2.13
D1	DOOR	1.00 X 2.13
D2	DOOR	0.76 X 2.13
W1	WINDOW	2.40 X 1.52
W2	WINDOW	1.50 X 1.52
V1	VENTILATOR	0.91 X 0.60

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
BLOCK-1 - WORKSHOP			
GROUND FLOOR AREA	307.50	----	307.50
FIRST FLOOR AREA	307.50	----	307.50
SECOND FLOOR AREA	307.50	----	307.50
THIRD FLOOR AREA	307.50	----	307.50
HEAD ROOM (NON FSI)	----	32.76	32.76
BLOCK-2 - LABOURS ACCOMMODATION			
GROUND FLOOR AREA	449.95	----	449.95
FIRST FLOOR AREA	449.95	----	449.95
SECOND FLOOR AREA	449.95	----	449.95
HEAD ROOM (NON FSI)	-----	23.23	23.23
SECURITY ROOM (NON FSI)	------	6.25	6.25
TOTAL BUILTUP AREA	2579.85	62.24	2642.09

REF.	NAME OF MACHINERY	QTY	H.P.
1.	MACHINERS (40X2.5HP)	40	100
2.	LIFT & PUMPS	1	20
3.	OTHERS	1	32
	TOTAL H.P.		152

WORKER'S DETAILS

NO OF WORKERS - MALE : 15 Nos
NO OF WORKERS - FEMALE : 10 Nos

SANITATION REQUIREMENTS

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 15 Nos
NO OF WORKERS - FEMALE : 10 Nos
TOTAL NO OF WORKERS (15+10 = 25) : 25 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (25 X 80) : 2000 Lits
NO OF SWHS (2000 lit capacity) : 1 Nos

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURS/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED WIRING

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=8'
[1:100]

N
E

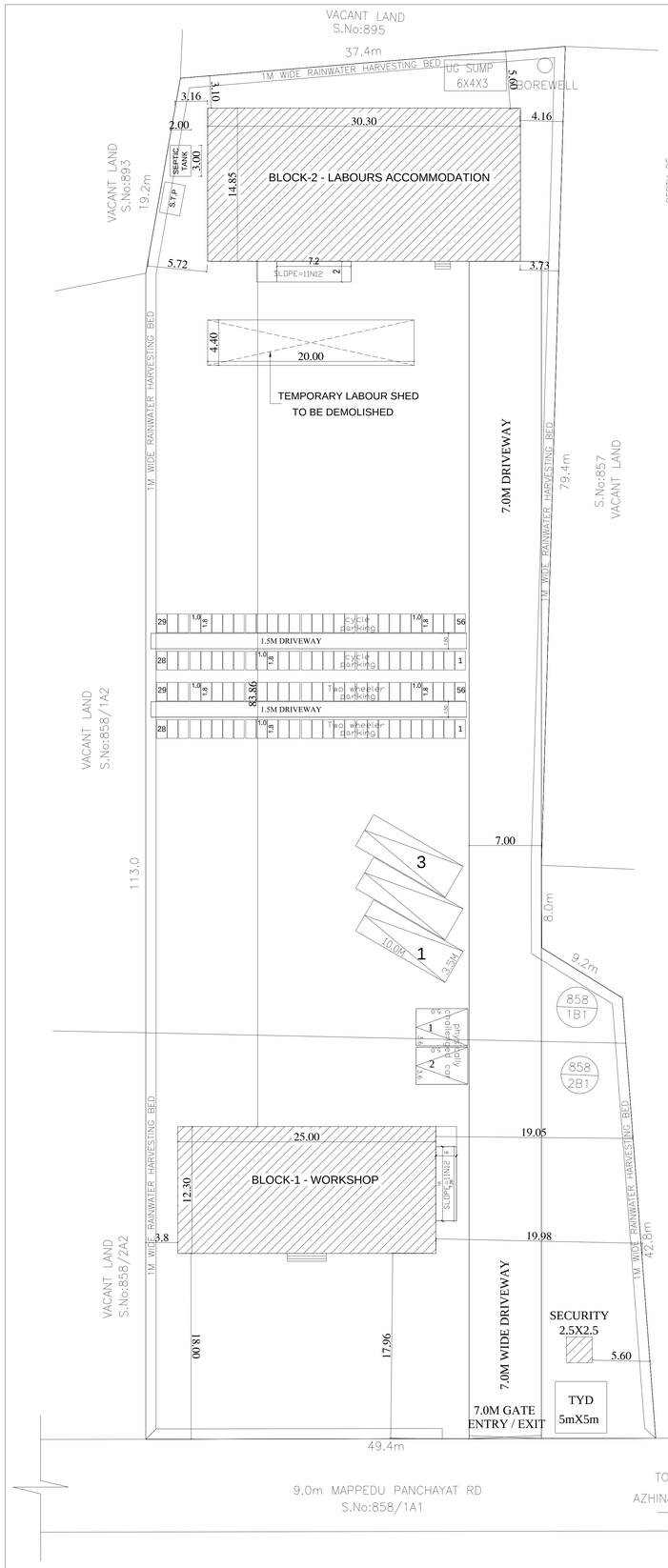
COLOR INDEX

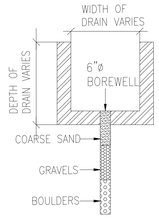
SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING

For AVENTERA VENTURES PVT. LTD.
Authorised Signatory.
SIGNATURE OF THE APPLICANT

P. MARIAPPAN, B.E., M.E.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade II-CE, REN /SE/ 08 CE / 2015 / GV / 011
STCP :
ph : 26745055, Cell : 9841236759
STRUCTURAL ENGINEER

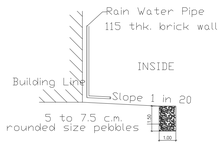
Shimesh T Architect
Reg No: TN/10/AR/CA/1/2005/05/001
10/1, 2nd Street, Kasthuribai Nagar,
Avadi, Chennai-600 054.
dh.nesh.architect@gmail.com
+91 73730 83060 / 99003 66666
ARCHITECT / ENGINEER





BOREWELL DETAIL
(SCALE= 1:50)

N



Perculation pit

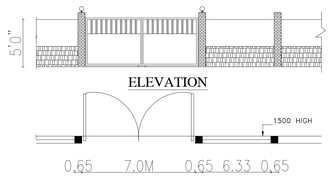
WORKER'S DETAILS	
NO OF WORKERS - MALE	: 15 Nos
NO OF WORKERS - FEMALE	: 10 Nos

SANITATION REQUIREMENTS

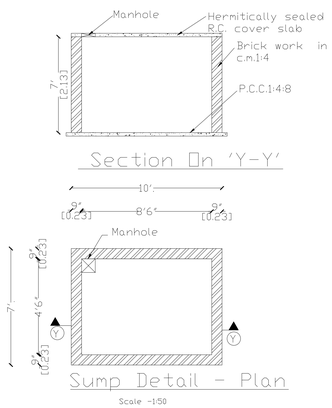
DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	2	2	2	2
URINAL	2	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

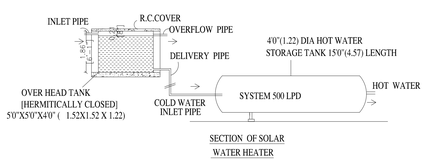
SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE	: 15 Nos
NO OF WORKERS - FEMALE	: 10 Nos
TOTAL NO OF WORKERS (15+10 = 25)	: 25 Nos
WATER CONSUMPTION @ 80 Lit /Person/day	
TOTAL CONSUMPTION (25 X 80)	: 2000 Lits
NO OF SWHS (2000 lit capacity)	: 1 Nos

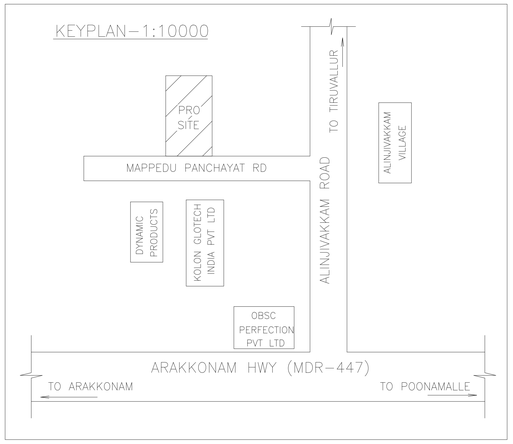


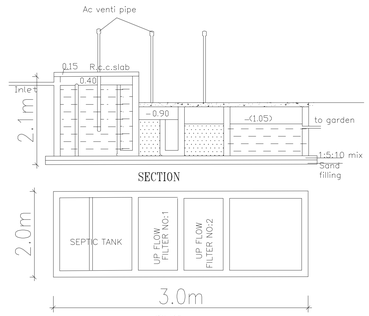
Plan
Compound wall Detail



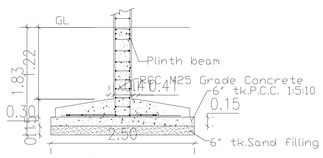


SECTION OF SOLAR
WATER HEATER

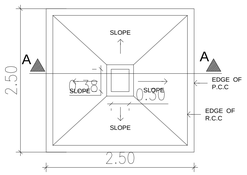




DETAILS OF SEPTIC TANK
SCALE 1:50

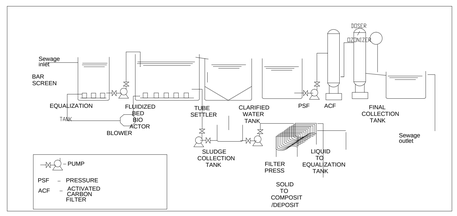


SECTION - 'AA'
As per design



PLAN

As per design
Typical Column Foundation Detail
As per design



SEWERAGE TREATMENT
PLANT(STP)

SHEET NO : 2/2

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COTTAGE INDUSTRIES WORKSHOP BUILDING AND LABOURS ACCOMMODATION BUILDING UNIT
FOR M/s AVENTERA VENTURES - 152.0 HP
AT S.No: 858/1B1, 2B1 OF HUSSAIN NAGARAM VILLAGE, MAPPEDU PANCHAYAT, KADAMBATHUR UNION, THIRUVALLUR TALUK, THIRUVALLUR DISTRICT.

CATAGORY OF INDUSTRY : COTTAGE INDUSTRY
MANUFACTURING TYPE : LUGGAGE MANUFACTURING

AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)
TOTAL SITE AREA (AS PER FMB)	5587.15		
TOTAL SITE AREA (AS PER PATTA)	5426.00		
BLOCK-1 - WORKSHOP			
GROUND FLOOR AREA	307.50	----	307.50
FIRST FLOOR AREA	307.50	----	307.50
SECOND FLOOR AREA	307.50	----	307.50
THIRD FLOOR AREA	307.50	----	307.50
HEAD ROOM (NON FSI)	----	32.76	32.76
BLOCK-2 - LABOURS ACCOMMODATION			
GROUND FLOOR AREA	449.95	----	449.95
FIRST FLOOR AREA	449.95	----	449.95
SECOND FLOOR AREA	449.95	----	449.95
HEAD ROOM (NON FSI)	-----	23.23	23.23
SECURITY ROOM (NON FSI)	------	6.25	6.25
TOTAL BUILTUP AREA	2579.85	62.24	2642.24

REFERENCE

DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	757.45 / 5426.00 X 100	13.96%
FLOOR AREA RATIO	2579.85 / 5426.00	0.475
OSR AREA	558.7 SQM (10.00%)	PAY TO DTCP

DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	LORRYS : 1 nos	3 nos
	CARS : 2 nos	2 nos
	TWO WHEELER : 52 nos	55 nos
	CYCLE : 52 nos	55 nos

REF.	NAME OF MACHINERY	QTY	H.P.
1.	MACHINERS (40X2.5HP)	40	100
2.	LIFT & PUMPS	1	20
3.	OTHERS	1	32
	TOTAL H.P.		152

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURS/VE WITH PRESSED TILES
ELECTRIFICATION WORK CONCELLED WIRING

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=16'
[1:200]

N
E

COLOR INDEX

SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING

For AVENTERA VENTURES PVT. LTD.
Authorised Signatory
SIGNATURE OF THE APPLICANT

P. MARIAPPAN, B.E., M.E.,
Consulting Civil & Structural Engineer,
Registered Structural
Engineer Grade-II-CGI,RGA /SE/GR-II / 2017 / GP - 914
DTCP
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dhinesh.architect@gmail.com
+91 73730 83089/ 98803 66868
ARCHITECT / ENGINEER

Signature Not Verified
Signed by Secretary Gto for
Location Gtmc
Date:2024.05.30 17:17:12