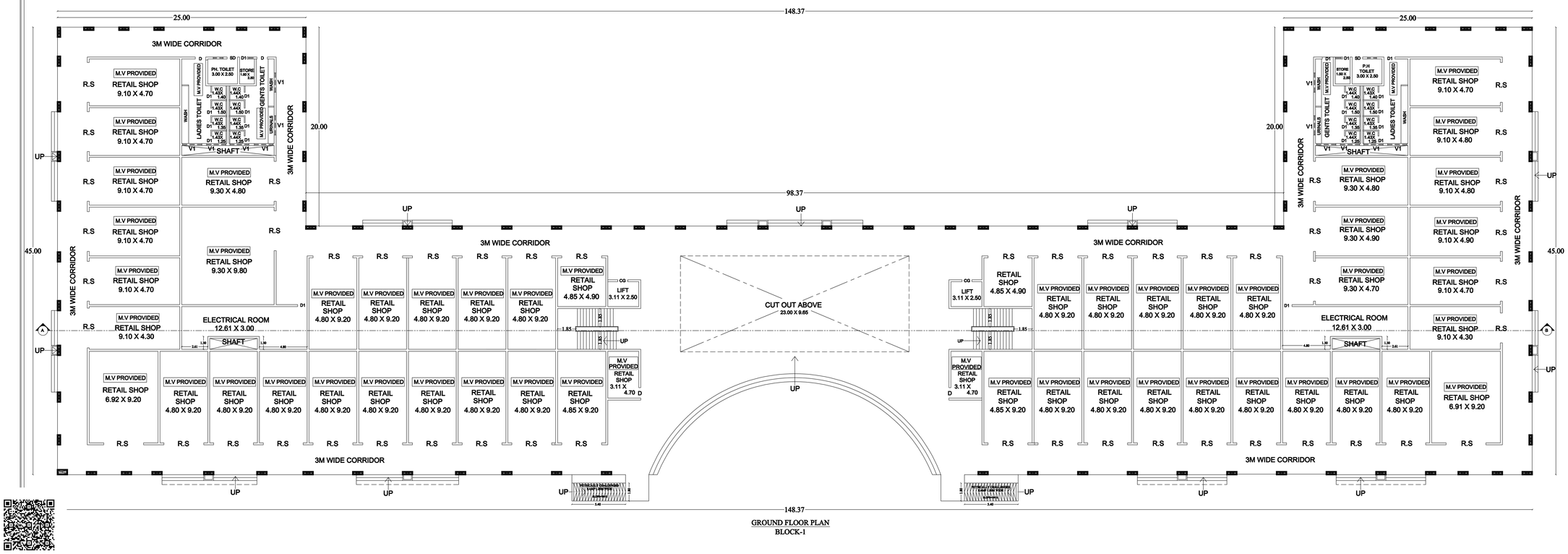
PLAN SHOWING THE PROPOSED CONSTRUCTION OF TRUCK TERMINAL BUILDING IN T.S NO: 2/2, 2/5B WARD-AJ, BLOCK NO:22,PIRATTIYUR EAST VILLAGE, ZONE-IV, TRICHY CITY CORPORATION.



GROUND FLOOR PLAN
BLOCK-1

SHEET NO -1

PP/JD DTCP (TD) No.177/2024

B.P/DTCP No : 614 /2024

SCHEDULE OF JOINERIES:

REFERENCE		METRE
RS	- ROLLING SHUTTER	4.00 X 3.00
SD	- SLIDING DOOR	1.05 X 2.20
D	- FLUSH DOOR	1.20 X 2.20
D1	- FLUSH DOOR	0.91 X 2.20
W	- GLAZED WINDOW	3.61 X 2.50
W1	- GLAZED WINDOW	2.40 X 1.80
W2	- GLAZED WINDOW	2.00 X 1.50
V1	- VENTILATOR	0.91 X 1.00

PROPOSED BUILDUP AREA

BLOCK – 1

SL NO.	DESCRIPTION	F.S.I. AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	GROUND FLOOR AREA	4229.42	–	4244.97

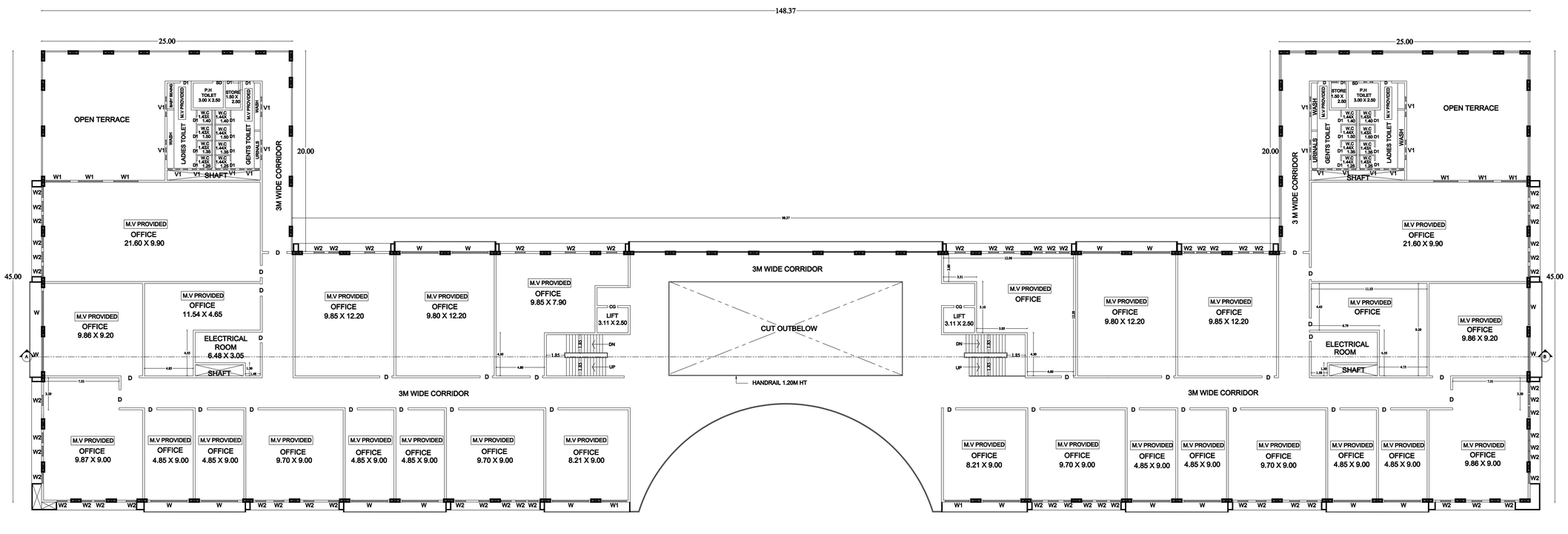
SCALE 1:100
ALL DIAMENSIONS ARAE IN METRE

APPLICANT	STRUCTURAL ENGINEER
COMMISSIONER Tiruchirappalli City Corporation	MANIKANDAN PALAR Registered Structural Engineer Reg. No:SE/(L)/(L)/(TCP)/Trichy/Amendy/2019/001
GEO TECH ENGINEER	CONSTRUCTION ENGINEER
Dr.N.RAMESH M.A.M.E.,Phd., HOD (Incharge) / Associate Professor Department of Civil Engineering University College of Engineering, BIT Campus Tiruchirappalli-620 024.	K.G. SRIDHAR Registered Construction Engineer Reg. No: CE/DTCP/Trichy/433

REGISTERED ENGINEER

Er.R.VETRIVELM.Tech(Struct),F.I.V.,C.E(I)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/ TLPA/ Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF TRUCK TERMINAL BUILDING IN T.S NO: 2/2, 2/5B WARD-AJ, BLOCK NO:22, PIRATTIYUR EAST VILLAGE, ZONE-IV, TRICHY CITY CORPORATION.



FIRST FLOOR PLAN
BLOCK-1

SHEET NO -2

PP/JD DTCP (TD) No.177/2024

B.P/DTCP No : 614 /2024

SCHEDULE OF JOINERIES:

REFERENCE		METRE
RS	- ROLLING SHUTTER	4.00 X 3.00
SD	- SLIDING DOOR	1.05 X 2.20
D	- FLUSH DOOR	1.20 X 2.20
D1	- FLUSH DOOR	0.91 X 2.20
W	- GLAZED WINDOW	3.61 X 2.50
W1	- GLAZED WINDOW	2.40 X 1.80
W2	- GLAZED WINDOW	2.00 X 1.50
V1	- VENTILATOR	0.91 X 1.00

PROPOSED BUILDUP AREA

BLOCK-1

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	FIRST FLOOR AREA	4582.93	–	4582.93

SCALE 1:100

ALL DIAMENSIONS ARAE IN METRE

APPLICANT

COMMISSIONER
Tiruchirappalli City Corporation

STRUCTURAL ENGINEER

MANIARIPUAR
Registered Structural Engineer
Reg. No:S1/Gr1/DTCP/Trichy/Tiruvarur/2024, Dt:

GEO TECH ENGINEER

Dr.N.NAGARAJAN M.E.,Ph.d.,
HOD (Retired) / Adhoc Professor
Department of Civil Engineering
University College of Engineering (BIT Campus)
Tiruchirappalli-620 024

CONSTRUCTION ENGINEER

K.G. SRIDHAR
Registered Construction Engineer
Reg. No: CE/DTCP/ Trichy / 433

REGISTERED ENGINEER

Er.R.VETRIVEL M.Tech(Struct), F.I.V.,C.E(I)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/ TLPA/Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

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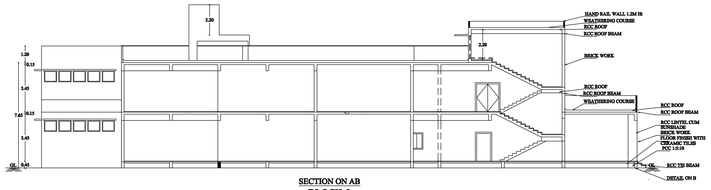
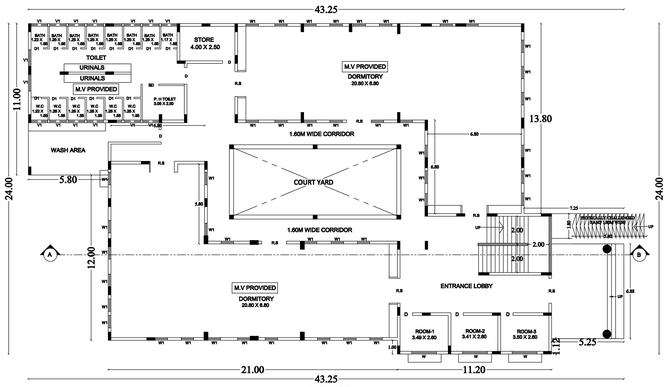
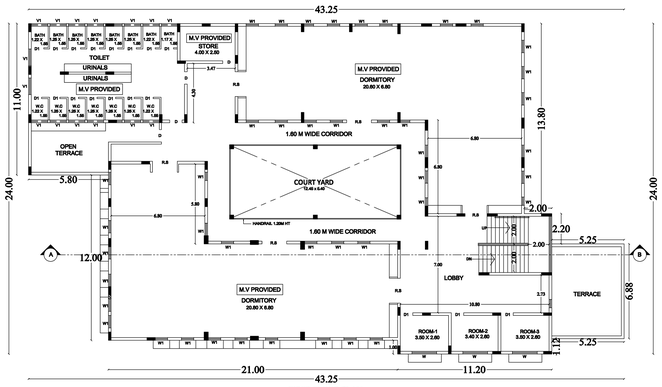
ELEVATION
BLOCK-2



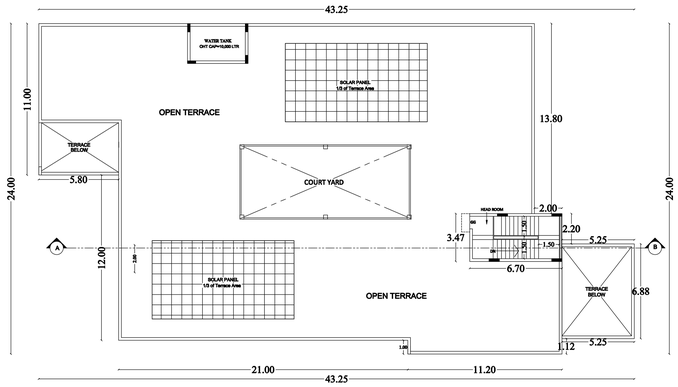
SECTION ON AB
BLOCK-2



GROUND FLOOR PLAN
BLOCK-2



FIRST FLOOR PLAN
BLOCK-2



TERRACE FLOOR PLAN
BLOCK-2

SHEET NO -5

PP/JD DTCP (TD) No.177/2024

B.P/DTCP No : 614 /2024

N

SCHEDULE OF JOINERIES:

REFERENCE		METRE
RS	- ROLLING SHUTTER	1.80 X 2.10
GG	- GRILL GATE	0.91 X 2.13
D	- FLUSH DOOR	0.91 X 2.13
D1	- FLUSH DOOR	0.91 X 2.13
W	- GLAZED WINDOW	1.80 X 1.20
W1	- GLAZED WINDOW	0.91 X 1.20
V1	- VENTILATOR	1.20 X 1.00

PROPOSED BUILDUP AREA

BLOCK-2

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	GROUND FLOOR AREA	824.11	–	824.11
2)	FIRST FLOOR AREA	765.96	–	765.96
3)	HEAD ROOM AREA	–	23.28	23.28

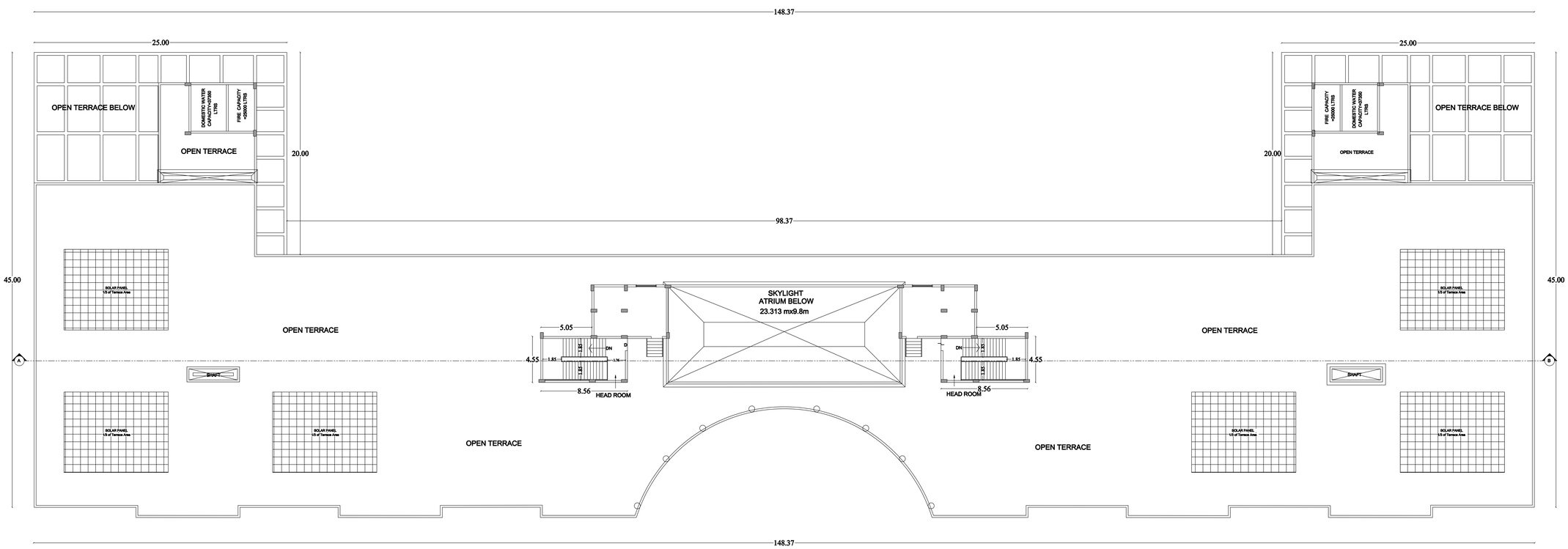
SCALE 1:100
ALL DIAMENSIONS ARAE IN METRE

APPLICANT	STRUCTURAL ENGINEER
COMMISSIONER Tiruchirappalli City Corporation	MANIARASUAR Registered Structural Engineer, Trichy Reg. No:S.E/D-1/DTCP/Trichy/February-2024/001.
GEO TECH ENGINEER	CONSTRUCTION ENGINEER
Dr.N.ILAVARASAN,M.E.,Ph.d., HoD (Industry) / Assistant Professor Department of Civil Engineering University College of Engineering (BIT Campus) Tiruchirappalli-620 024	K.G. SRIDHAR Registered Construction Engineer Reg. No: CE/DTCP/Trichy/433

REGISTERED ENGINEER

Er.R.VETRIVELU M.Tech(Struct),.F.I.V.C.E(i)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/TLPA/Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF TRUCK TERMINAL BUILDING IN T.S NO: 2/2, 2/5B WARD-AJ, BLOCK NO:22, PIRATTIYUR EAST VILLAGE,ZONE-IV, TRICHY CITY CORPORATION.



TERRACE FLOOR PLAN
BLOCK-1

SHEET NO – 3

B.P/DTCP No : 614 /2024

PP/JD DTCP (TD) No.177/2024

N

SCHEDULE OF JOINERIES:

REFERENCE		METRE
RS	- ROLLING SHUTTER	4.00 X 3.00
SD	- SLIDING DOOR	1.05 X 2.20
D	- PLUSH DOOR	1.20 X 2.20
D1	- PLUSH DOOR	0.91 X 2.20
W	- GLAZED WINDOW	3.61 X 2.50
W1	- GLAZED WINDOW	2.40 X 1.80
W2	- GLAZED WINDOW	2.00 X 1.50
V1	- VENTILATOR	0.91 X 1.00

PROPOSED BUILDUP AREA

BLOCK-1

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	HEAD ROOM AREA	–	77.88	77.88

SCALE 1:100
ALL DIAMENSIONS ARAE IN METRE

APPLICANT

COMMISSIONER
Tiruchirappalli City Corporation

STRUCTURAL ENGINEER

MANIARASU.A.R
Registered Structural Engineer & Architect
Reg. No:S.E/B-0/2124/Trichy/February-2024/Ver.1

GEO TECH ENGINEER

Dr.N.LAKSHMANAN M.E.,Phd.,
HOD (Incharge) / Assistant Professor
Department of Civil Engineering
University College of Engineering (BIT Campus)
Tiruchirappalli-620 024

CONSTRUCTION ENGINEER

K.G. SRIHAR
Registered Construction Engineer
Reg. No: CE/DTCP/Trichy/433

REGISTERED ENGINEER

Er.R.VETRIVELan B.Tech(Struct), F.I.V.C.E(I)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/TLPA/Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

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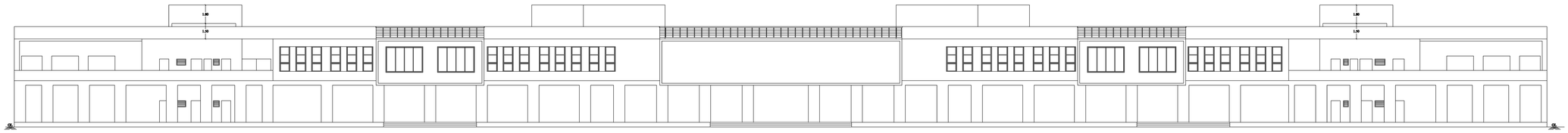
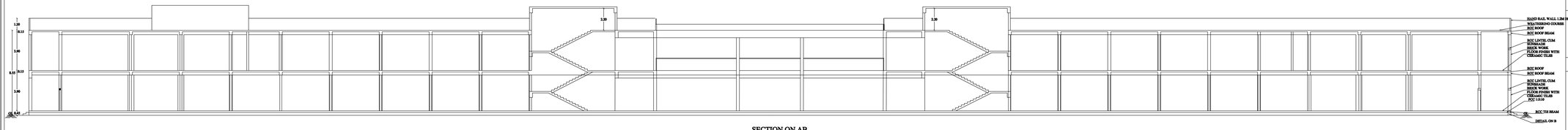
SHEET NO -4



ELEVATION
BLOCK-1



SECTION ON AB
BLOCK-1

PP/JD DTCP (TD) No.177/2024

B.P/DTCP No : 614 /2024

N

SCHEDULE OF JOINERIES:

REFERENCE		METRE
RS	- ROLLING SHUTTER	4.00 X 3.00
SD	- SLIDING DOOR	1.05 X 2.20
D	- FLUSH DOOR	1.20 X 2.20
D1	- FLUSH DOOR	0.91 X 2.20
W	- GLAZED WINDOW	3.61 X 2.50
W1	- GLAZED WINDOW	2.40 X 1.80
W2	- GLAZED WINDOW	2.00 X 1.50
V1	- VENTILATOR	0.91 X 1.00

SCALE 1:100
ALL DIAMENSIONS ARAE IN METRE

APPLICANT	STRUCTURAL ENGINEER
COMMISSIONER Tiruchirappalli City Corporation.	MANIARASU.R. Registered Structural Engineer Reg. No:STE/Gr.1/TLPA/Tech/Tenure/2021/001
GEO TECH ENGINEER	CONSTRUCTION ENGINEER
Dr.N.RAMESHKANNAN,M.E.,Ph.d., HOD (Incharge) / Assistant Professor Department of Civil Engineering University College of Engineering (BIT Campus) Tiruchirappalli-620 024	K.G. SRIDHAR Registered Construction Engineer Reg. No: CE/DTCP/Trichy / 433

REGISTERED ENGINEER

Er.R.VETRIVELM.Tech(Struct), F I V, C E(I)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/TLPA/Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

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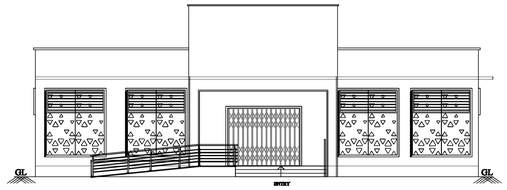
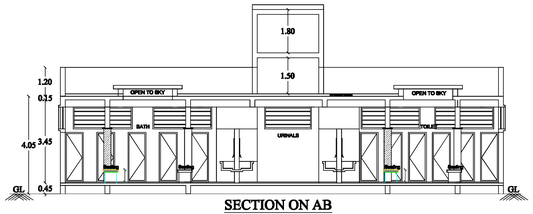
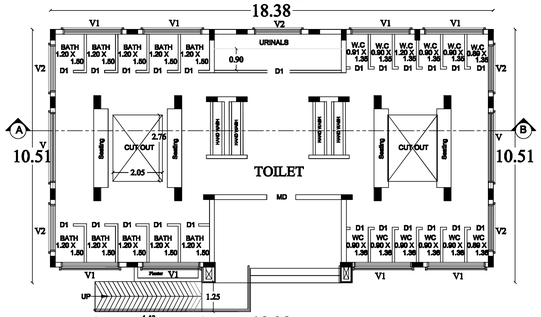
SHEET NO -6



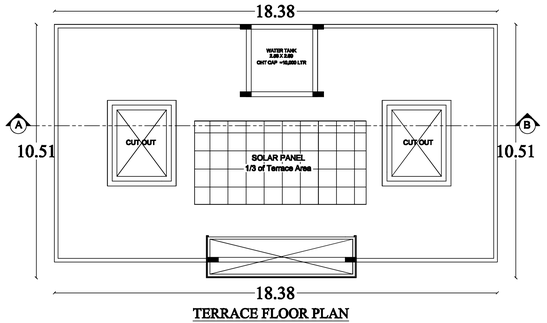
ELEVATION
BLOCK-3



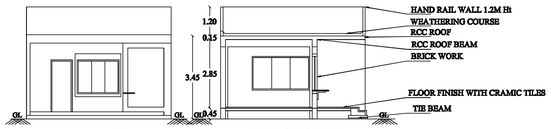
SECTION ON AB
BLOCK-3



GROUND FLOOR PLAN
BLOCK-3

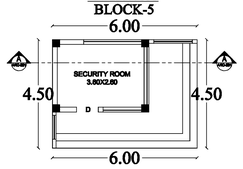


TERRACE FLOOR PLAN
BLOCK-3

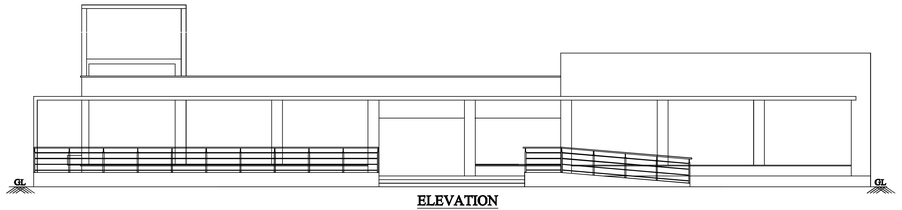


ELEVATION
BLOCK-5

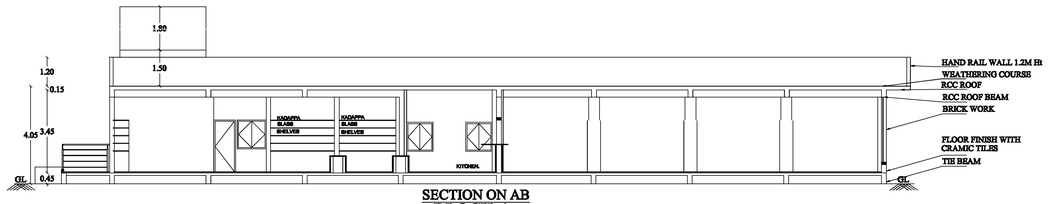
SECTION ON AB
BLOCK-5



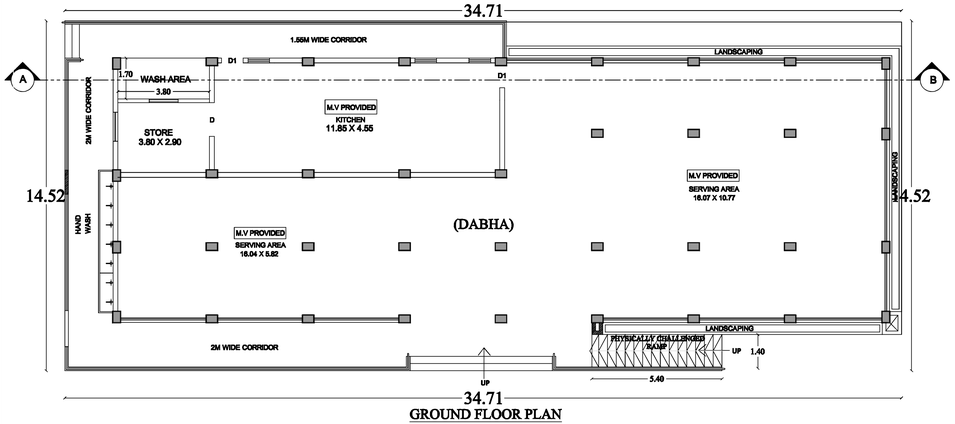
GROUND FLOOR PLAN
BLOCK-5



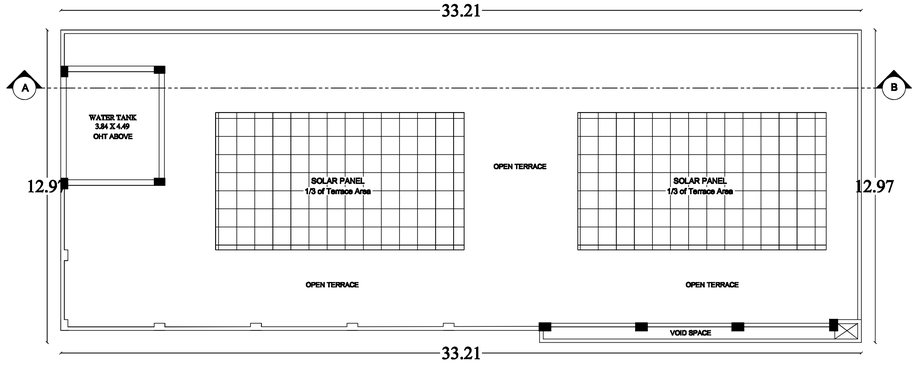
ELEVATION
BLOCK-4



SECTION ON AB
BLOCK-4



GROUND FLOOR PLAN
BLOCK-4



TERRACE FLOOR PLAN
BLOCK-4

B.P/DTCP No : 614 /2024

PP/JD DTCP (TD) No.177/2024

N

SCHEDULE OF JOINERIES:

REFERENCE	METRE
MD - MAIN DOOR	1.20 X 2.13
D1 - FLUSH DOOR	0.91 X 2.13
V - VENTILATOR	2.90 X 1.00
V1 - VENTILATOR	2.45 X 1.00
V2 - VENTILATOR	1.95 X 1.00

PROPOSED BUILDUP AREA

BLOCK-3

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	GROUND FLOOR AREA	181.27	–	181.27

PROPOSED BUILDUP AREA

BLOCK-4

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	GROUND FLOOR AREA	447.49	–	447.49

PROPOSED BUILDUP AREA

BLOCK-5

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
1)	GROUND FLOOR AREA	27.00	–	27.00

SCALE 1:100

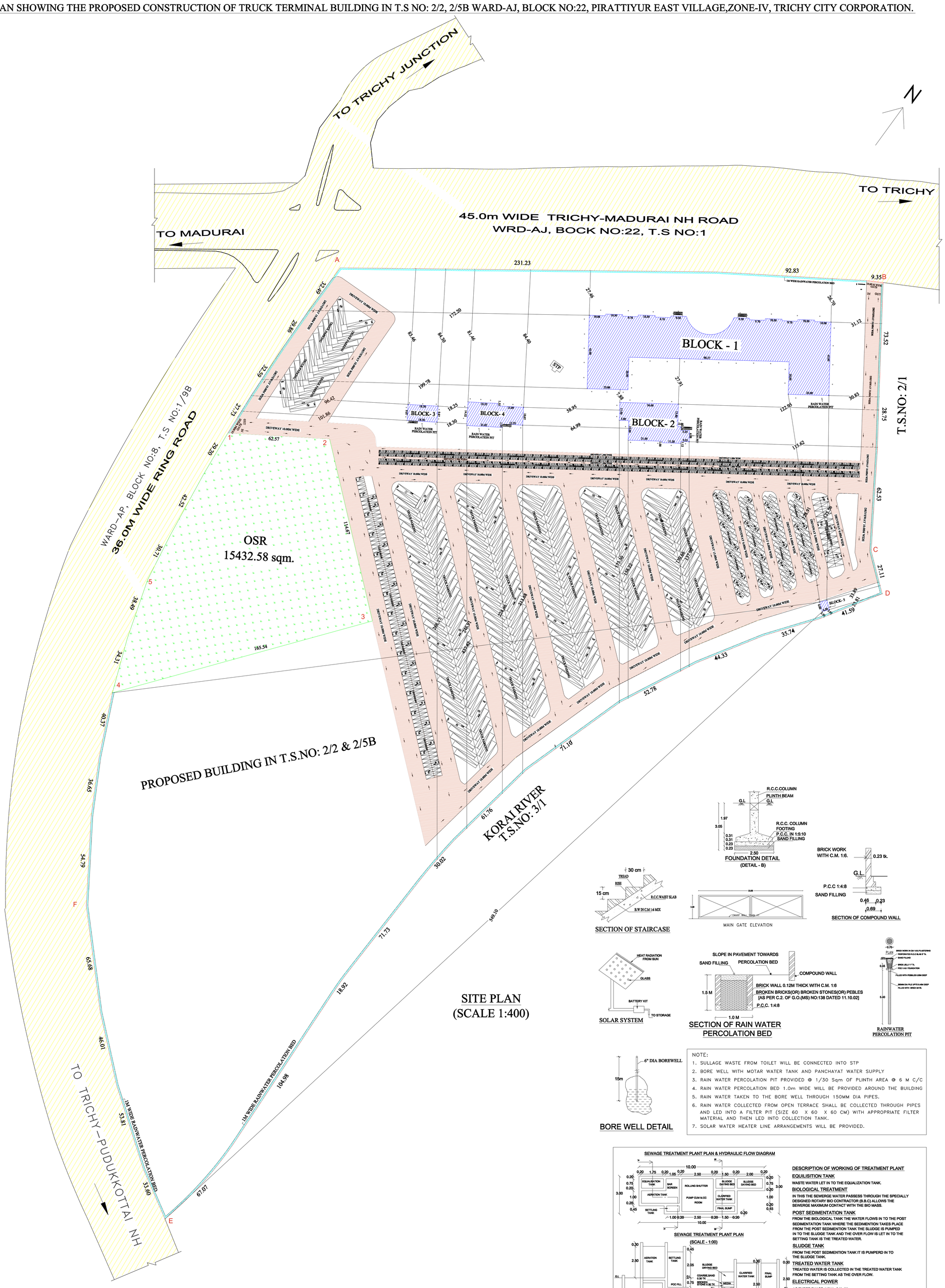
ALL DIAMENSIONS ARAE IN METRE

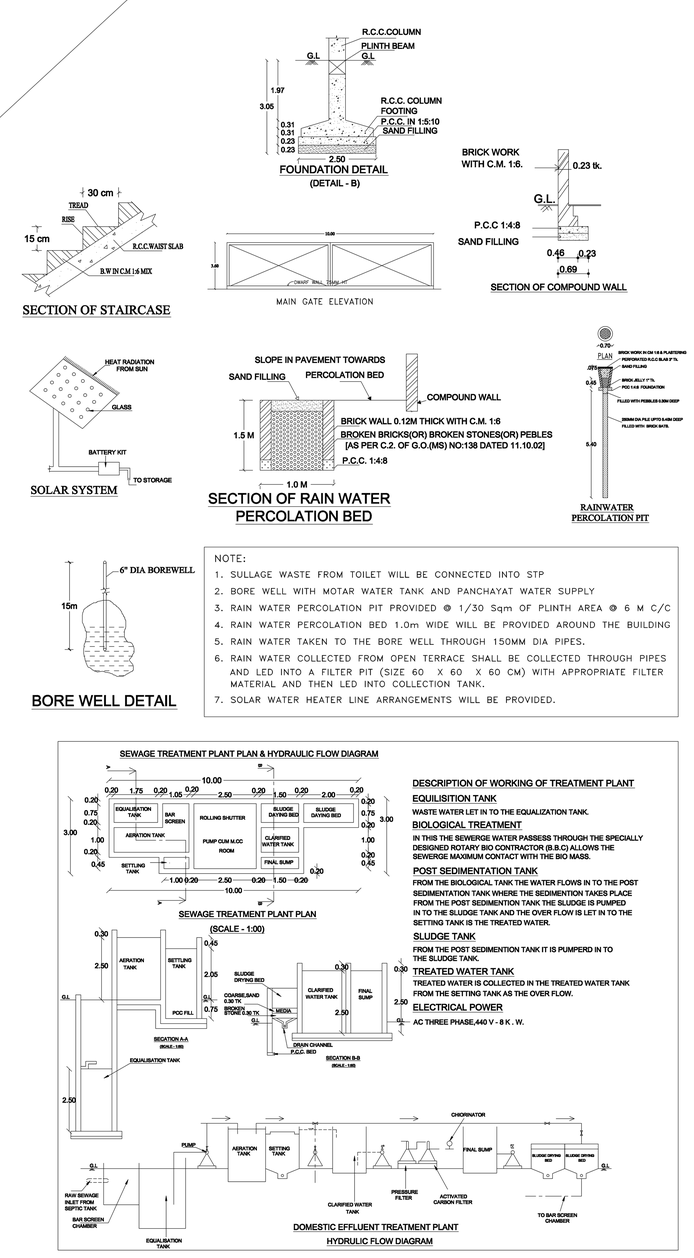
APPLICANT	STRUCTURAL ENGINEER
COMMISSIONER Tiruchirappalli City Corporation	MANJARI PUJAR Registered Structural Engineer Grade-II Reg. No: S.E/Gr-I/DTCP/Trichy/February-2024/001.
GEO TECH ENGINEER	**CONSTRUCTION ENGINEER**
Dr.N.ILAVARASAN,M.E.,Phd., HOD (Incharge) / Assistant Professor Department of Civil Engineering University College of Engineering (BIT Campus) Tiruchirappalli-620 024	K.G. SRIDHAR Registered Construction Engineer Reg. No: CE/DTCP/Trichy/433

REGISTERED ENGINEER

Er.R.VETRIVEL M.Tech(Struct)..F I V..C.E(I)
Govt.Approved Panel Engineer Class-1A,
Registered Engineer
Reg. No:RE/Gr.1/TLPA/Apr2019/017
D-382, Gandhiyadigal Street,
Annanagar, Tennur, Trichy - 17
Cell : 97893 33245.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF TRUCK TERMINAL BUILDING IN T.S NO: 2/2, 2/5B WARD-AJ, BLOCK NO:22, PIRATTIYUR EAST VILLAGE,ZONE-IV, TRICHY CITY CORPORATION.





NOTE:
1. SULLAGE WASTE FROM TOILET WILL BE CONNECTED INTO STP
2. BORE WELL WITH MOTAR WATER TANK AND PANCHAYAT WATER SUPPLY
3. RAIN WATER PERCOLATION PIT PROVIDED @ 1/30 Sqm OF PLINTH AREA @ 6 M C/C
4. RAIN WATER PERCOLATION BED 1.0m WIDE WILL BE PROVIDED AROUND THE BUILDING
5. RAIN WATER TAKEN TO THE BORE WELL THROUGH 150MM DIA PIPES.
6. RAIN WATER COLLECTED FROM OPEN TERRACE SHALL BE COLLECTED THROUGH PIPES AND LED INTO A FILTER PIT (SIZE 60 X 60 X 60 CM) WITH APPROPRIATE FILTER MATERIAL AND THEN LED INTO COLLECTION TANK.
7. SOLAR WATER HEATER LINE ARRANGEMENTS WILL BE PROVIDED.

DESCRIPTION OF WORKING OF TREATMENT PLANT

EQUILISITION TANK
WASTE WATER LET IN TO THE EQUALIZATION TANK.

BIOLOGICAL TREATMENT
IN THIS THE SEWERGE WATER PASSESS THROUGH THE SPECIALLY DESIGNED ROTARY BIO CONTRACTOR (B.B.C) ALLOWS THE SEWERGE MAXIMUM CONTACT WITH THE BIO MASS.

POST SEDIMENTATION TANK
FROM THE BIOLOGICAL TANK THE WATER FLOWS IN TO THE POST SEDIMENTATION TANK WHERE THE SEDIMENTION TAKES PLACE FROM THE POST SEDIMENTION TANK THE SLUDGE IS PUMPED IN TO THE SLUDGE TANK AND THE OVER FLOW IS LET IN TO THE SETTING TANK IS THE TREATED WATER.

SLUDGE TANK
FROM THE POST SEDIMENTION TANK IT IS PUMPERD IN TO THE SLUDGE TANK.

TREATED WATER TANK
TREATED WATER IS COLLECTED IN THE TREATED WATER TANK FROM THE SETTING TANK AS THE OVER FLOW.

ELECTRICAL POWER
AC THREE PHASE,440 V - 8 K . W.

B.P/DTCP No : 614 /2024

PP/JD DTCP (TD) No.177/2024

REFERENCE:

SITE BOUNDARY
EXISTING ROAD
PROPOSED BUILDING
DRIVEWAY

ONLINE APPLICATION NO: SWP/BPA/210419/2024/TCP

AREA DETAILS

DESCRIPTION	SQ.M
PLOT AREA (as per Document)	154325.84
PLOT AREA (as per FMB)	154325.84
SUPER IMPOSED PLOT AREA	154223.40
MINIMUM OF THE ABOVE SHALL BE TAKEN INTO ACCOUNT.	

SL NO.	DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA(SQM)	TOTAL AREA(SQM)
	BLOCK NO 1 (SHOPS)			
1	GROUND FLOOR AREA	4229.42	15.55	4244.97
2	FIRST FLOOR AREA	4582.93	–	4582.93
3	HEAD ROOM AREA	–	77.88	77.88
	BLOCK NO 2 (DORMITORY)			
4	GROUND FLOOR AREA	824.11	–	824.11
5	FIRST FLOOR AREA	765.96	–	765.96
6	HEAD ROOM AREA	–	23.28	23.28
	BLOCK NO 3 (TOILET)			
7	GROUND FLOOR AREA	181.27	–	181.27
	BLOCK NO 4 (DABHA)			
8	GROUND FLOOR AREA	447.49	–	447.49
	BLOCK NO 5 (SEQURITY ROOM)			
9	GROUND FLOOR AREA	27.00	–	27.00
10	TOTAL AREA	11058.18	116.71	11174.89
11	VACANT AREA	–	–	148160.60

PLOT COVERAGE = 6062.80 / 154223.40 * 100= 3.93%

F.S.I = 11058.18 /154223.40= 0.072

PARKING DETAILS

S.L NO.	PARKING	REQUIRED	PROVIDED
1)	TWO WHEELER PARKING	328 Nos.	1185 Nos.
2)	CAR PARKING	293 Nos.	297 Nos.
3)	TRUCK PARKING	NIL	263 Nos.

SCALE 1:100

ALL DIAMENSIONS ARAE IN METRE

APPLICANT

COMMISSIONER
Tiruchirappalli City Corporation

STRUCTURAL ENGINEER

MANJARI PUJAR
Registered Structural Engineer Grade-I
Reg.No:S.E/Gr-I/DTCP/Trichy/February-2024/001.

GEO TECH ENGINEER

Dr.N.ILAVARASAN,M.E.,Phd.,
HOD (Incharge) / Assistant Professor
Department of Civil Engineering
University College of Engineering (BIT Campus)
Tiruchirappalli-620 024

CONSTRUCTION ENGINEER

K.G. SRIDHAR
Registered Construction Engineer
Reg. No: CE/DTCP/Trichy/433

REGISTERED ENGINEER

Er.R.VETRIVEL M.Tech(Struct)..F I V..C.E(I)
Govt.Approved Panel Engineer Class-1A,
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Signature valid

Signature Not Verified