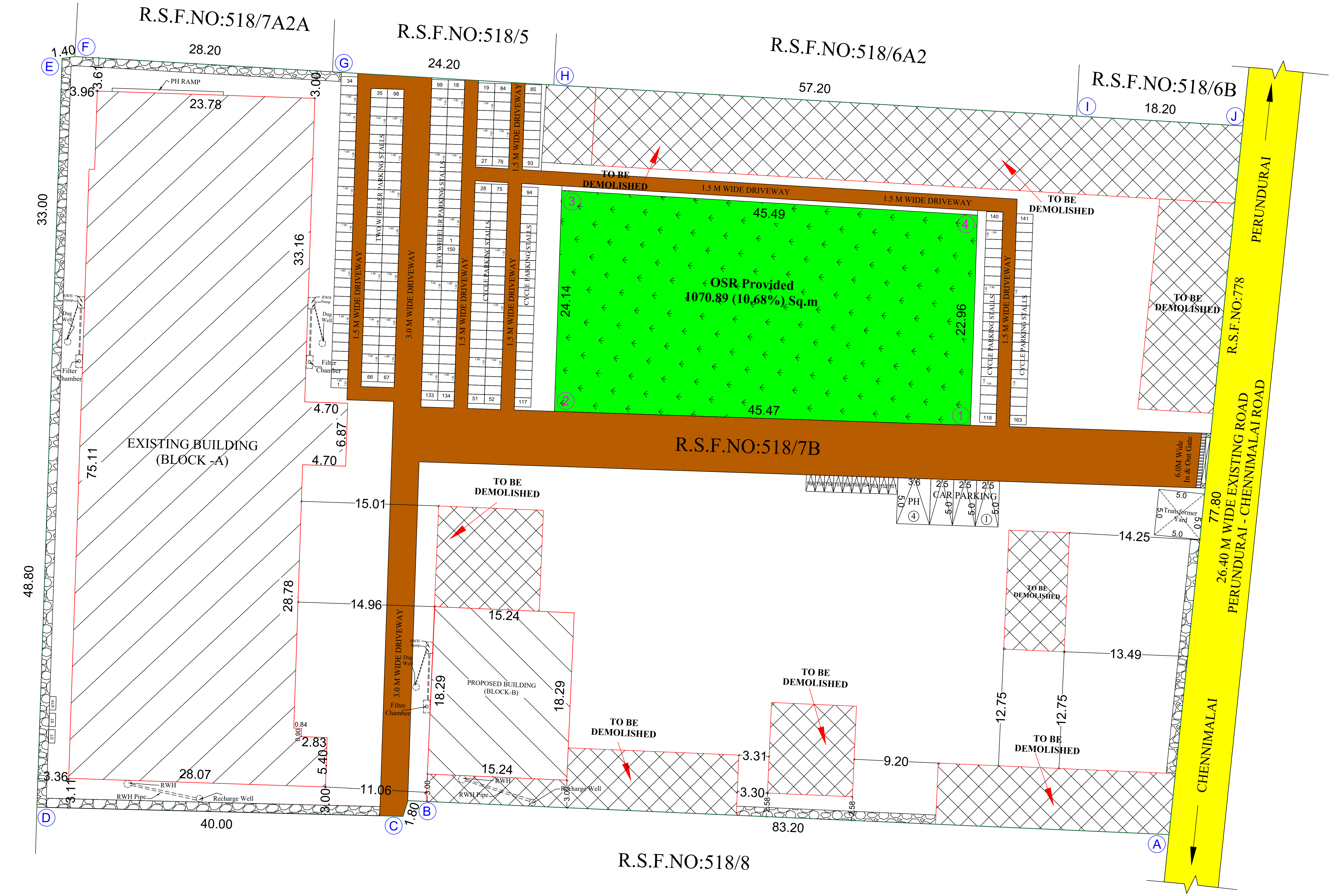
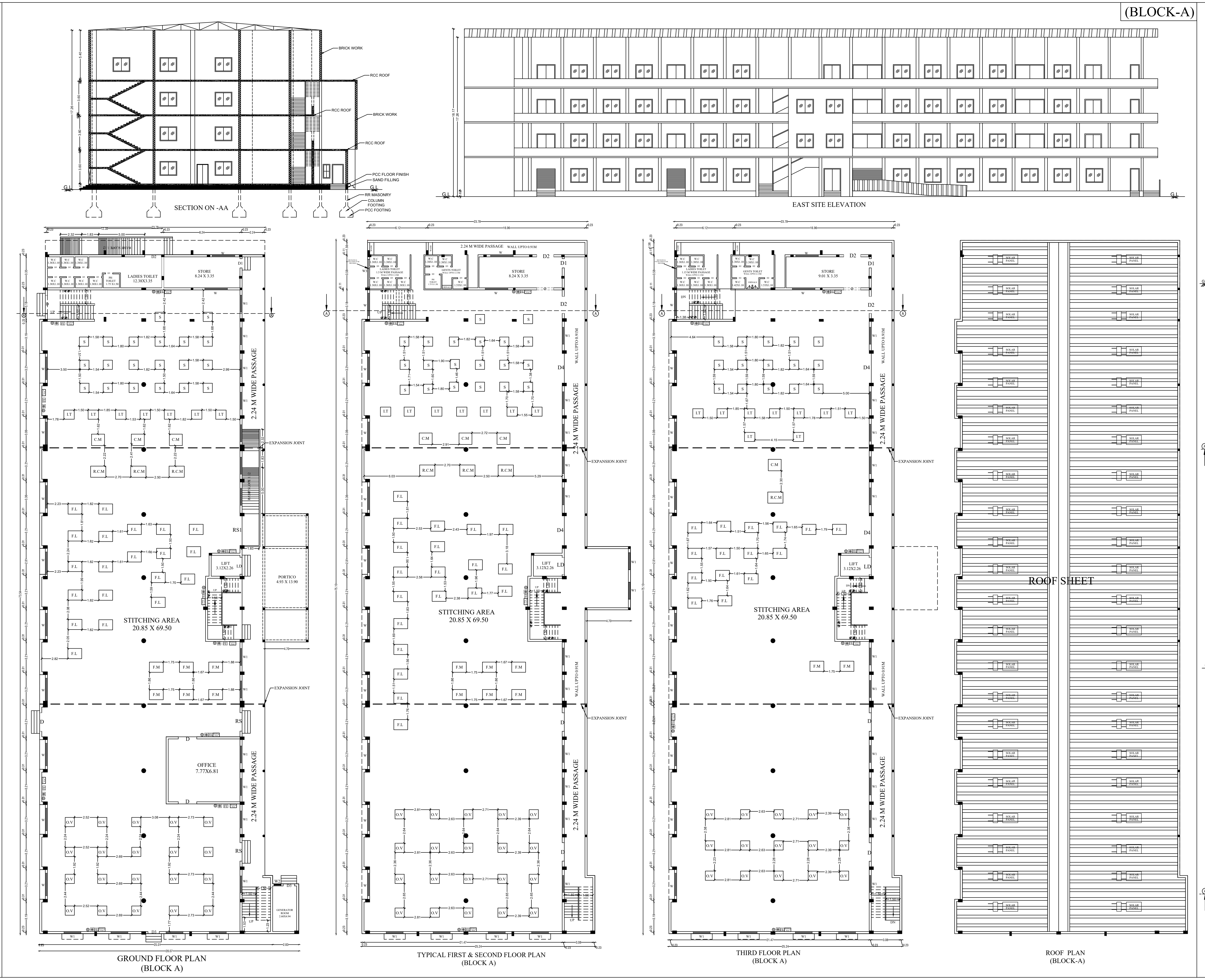

R.S.F.NO:518/7A2A
R.S.F.NO:518/5
R.S.F.NO:518/6A2
R.S.F.NO:518/6B
R.S.F.NO:517
R.S.F.NO:518/7B
R.S.F.NO:518/8
R.S.F.NO:778
PERUNDURAI
26.40 M WIDE EXISTING ROAD
PERUNDURAI - CHENNIMALAI ROAD
CHENNIMALAI
77.80
A
B
C
D
E
F
G
H
I
J
1.40
28.20
24.20
57.20
18.20
3.96
3.61
3.00
23.78
33.00
33.16
4.70
6.87
4.70
75.11
15.01
14.96
28.78
48.80
0.84
0.90
2.83
5.40
3.36
3.11
28.07
11.06
40.00
1.80
15.24
18.29
3.31
3.30
2.58
9.20
83.20
12.75
13.49
14.25
45.49
45.47
24.14
22.96
PH RAMP
EXISTING BUILDING (BLOCK -A)
PROPOSED BUILDING (BLOCK-B)
OSR Provided 1070.89 (10.68%) Sq.m
TO BE DEMOLISHED
1.5 M WIDE DRIVEWAY
3.0 M WIDE DRIVEWAY
TWO WHEELER PARKING STALLS
CYCLE PARKING STALLS
CAR PARKING
PH
6.0M Wide In & Out Gate
Transformer Yard
5.0
RWH Sump
Dug Well
Filter Chamber
RWH
RWH Pipe
Recharge Well
STP
ST
DT

(BLOCK-A)


SECTION ON -AA

EAST SITE ELEVATION

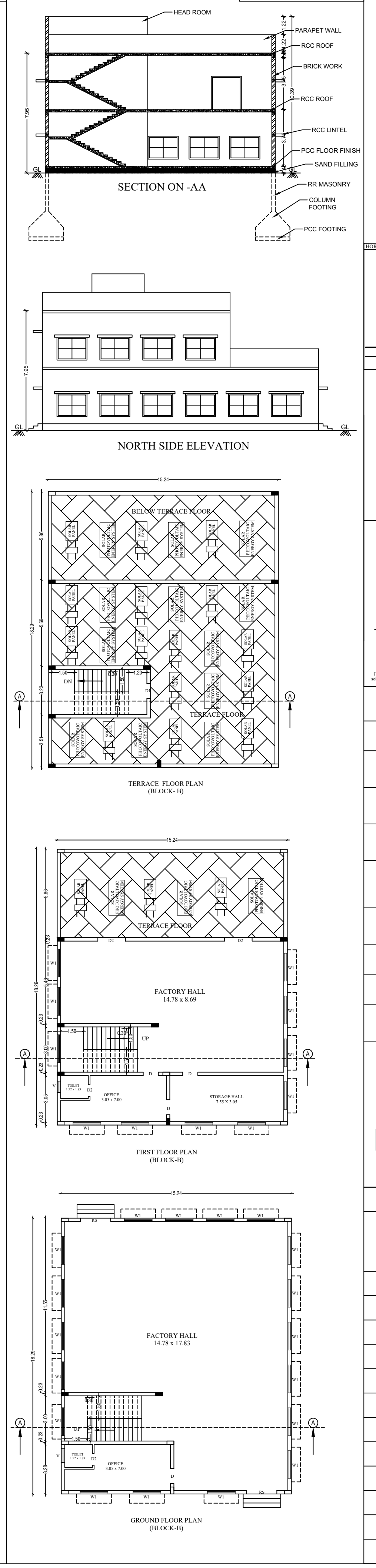
GROUND FLOOR PLAN (BLOCK A)

TYPICAL FIRST & SECOND FLOOR PLAN (BLOCK A)

THIRD FLOOR PLAN (BLOCK A)

ROOF PLAN (BLOCK-A)
BRICK WORK
RCC ROOF
PCC FLOOR FINISH
SAND FILLING
RR MASONRY
COLUMN FOOTING
PCC FOOTING
G.L
LADIES TOILET 12.38X3.35
GENTS TOILET
STORE 8.24 X 3.35
STORE 9.01 X 3.35
STITCHING AREA 20.85 X 69.50
OFFICE 7.77X6.81
LIFT 3.12X2.26
PORTICO 4.93 X 13.90
GENERATOR ROOM
2.24 M WIDE PASSAGE
WALL UPTO 0.91M
EXPANSION JOINT
S
F.L
F.M
I.T
C.M
R.C.M
O.V
ROOF SHEET
SOLAR PANEL

(BLOCK-B)

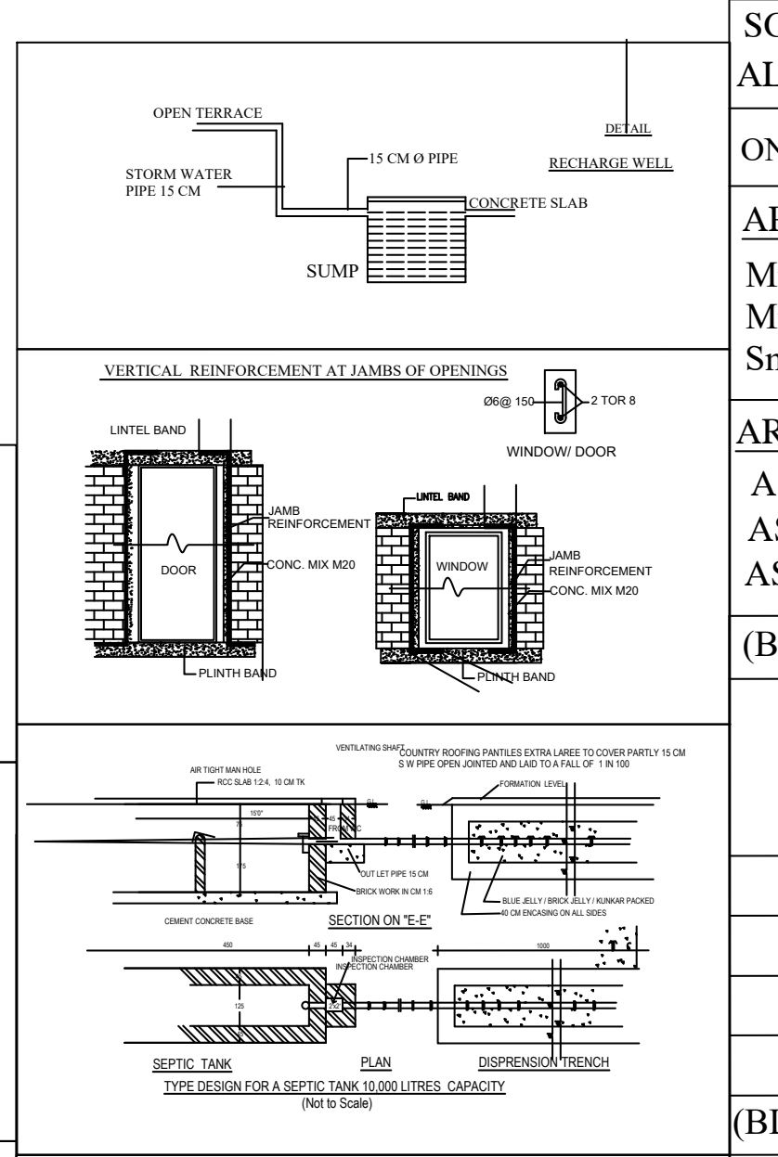

SECTION ON -AA

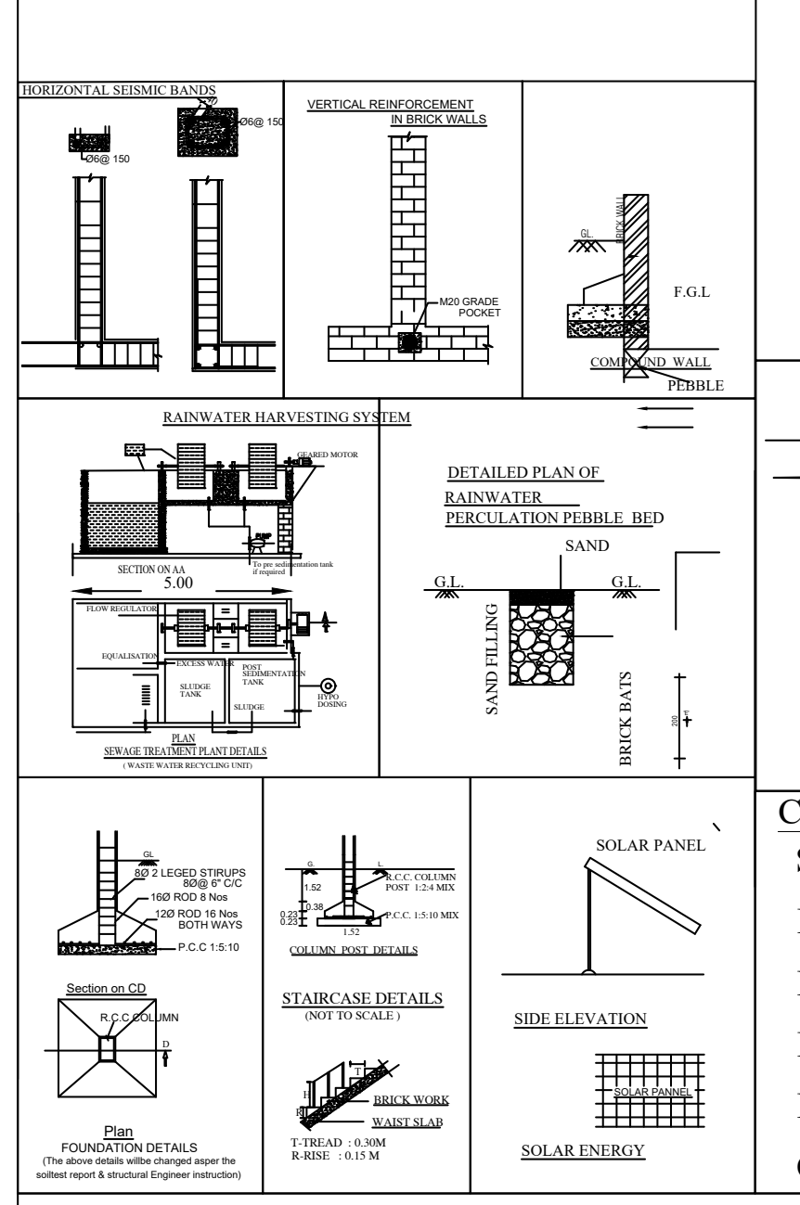
NORTH SIDE ELEVATION

TERRACE FLOOR PLAN (BLOCK- B)

FIRST FLOOR PLAN (BLOCK-B)

GROUND FLOOR PLAN (BLOCK-B)
HEAD ROOM
PARAPET WALL
RCC ROOF
BRICK WORK
RCC LINTEL
PCC FLOOR FINISH
SAND FILLING
RR MASONRY
COLUMN FOOTING
PCC FOOTING
BELOW TERRACE FLOOR
TERRACE FLOOR
SOLAR PANEL
FACTORY HALL 14.78 x 8.69
FACTORY HALL 14.78 x 17.83
OFFICE 3.05 x 7.00
STORAGE HALL 7.55 X 3.05
TOILET
UP
DN


OPEN TERRACE
STORM WATER PIPE 15 CM
15 CM Ø PIPE
SUMP
CONCRETE SLAB
DETAIL RECHARGE WELL
VERTICAL REINFORCEMENT AT JAMBS OF OPENINGS
LINTEL BAND
DOOR
WINDOW/ DOOR
WINDOW
JAMB REINFORCEMENT
CONC. MIX M20
PLINTH BAND
SECTION ON "E-E"
SEPTIC TANK
PLAN
DISPRENSION TRENCH
TYPE DESIGN FOR A SEPTIC TANK 10,000 LITRES CAPACITY (Not to Scale)


HORIZONTAL SEISMIC BANDS
VERTICAL REINFORCEMENT IN BRICK WALLS
M20 GRADE POCKET
F.G.L
COMPOUND WALL
RAINWATER HARVESTING SYSTEM
SEWAGE TREATMENT PLANT DETAILS
DETAILED PLAN OF RAINWATER PERCULATION PEBBLE BED
SAND
PEBBLE
SAND FILLING
BRICK BATS
G.L
Section on CD
Plan
FOUNDATION DETAILS
STAIRCASE DETAILS (NOT TO SCALE)
COLUMN POST DETAILS
BRICK WORK
WAIST SLAB
T-TREAD : 0.30M
R-RISE : 0.15 M
SOLAR PANEL
SIDE ELEVATION
SOLAR ENERGY

COLOR INDEX :

SITE BOUNDARY	🟩
EXISTING ROAD	🟨
PROPOSED BUILDING	▨
EXISTING BUILDING	▨
DRIVEWAY	🟫
OSR AREA	🟩

MACHINERY DETAILS

Name	Numbers	Hp	Total
Singer Machine - S	75	2.00	150
Fushing Machine - F.M	20	1.00	20.00
Ironing Table - I.T	30	1.50	45.00
Rib Cutting Machine - R.C.M	10	1.00	10.00
Cutting Machine - C.M	10	5.00	50.00
Flatlock - FL	75	2.00	150.00
Overlock - OV	75	1.00	75.00
TOTAL			500.00

REFERENCE

◎	FIRE ALRM SYSTEM
◎	HOSE REEL
FE	FIRE FIGHTING EQUIPMENTS
DRINKING WATER	DRINKING WATER

Total HP Provided - 500 HP

TOTAL NO OF LABOURS - 300 NOS.

GENTS - 200 NOS.

LADIES - 100 NOS.

JOINERY DETAILS

SYMBOL	DESCRIPTION	IN METER
D	Door	2.00 X 2.14
D1	Door-1	1.00X 2.14
D2	Door-2	1.84 X 2.14
D3	Door-3	1.23 X 2.14
W1	Window 1	1.83 X 1.52
W2	Window 2	0.76 X 1.52
W	Window	1.83 X 1.52
V	Ventilator	0.61 X 0.61
LD	Lift Door	1.84 X 2.14
O	Open	1.84 X 2.14
RS-1	Rolling shutter-1	2.00 X 2.14
RS-2	Rolling shutter-2	3.20 X 2.14

SITE AND DETAILED PLAN SHOWING THE ADDITIONAL AND ALTERATION CONSTRUCTION OF RCC ROOF BLOCK-A (GROUND + 3 FLOORS) BLOCK -B (GROUND FLOOR) OF GARMENTS STITCHING AND TAILORING INDUSTRY (GREEN CATEGORY) BUILDING WITH 500HP IN R.S.F.NO: 518/7B AT PERUNDURAI VILLAGE, PERUNTHURAI TALUK, ERODE DISTRICT.

SCALE - 1:200
ALL DIMENSIONS ARE IN METER

ONLINE APPLICATION NO.:

APPLICANT NAME:

Mr. A.M.KANDASWAMI S/O MUTHUSAMY GOUNDER
Mrs. K.SAVITHA W/O Mr.MOHANRAJ
Smt. A.K. SWATHI D/O Mr.A.M.KANDASWAMI

AREA DETAILS :

AS PER DOCUMENT - 2.40Acre (9720.00 Sqm)
AS PER PATTA - 9720.00 Sqm
AS PER SUPER IMPOSED AREA - 10025.98 Sqm

S.NO	DESCRIPTION	FSI AREA (SQ.M)	NON FSI AREA (SQ.M)	TOTAL BUILT UP AREA (SQ.M)
(BLOCK- A) EXISTING BUILDING				
1	GROUND FLOOR	1857.99	-	1857.99
2	FIRST FLOOR	1846.68	-	1846.68
3	SECOND FLOOR	1846.68	-	1846.68
4	THIRD FLOOR	1814.43	-	1814.43
(BLOCK- B) PROPOSED BUILDING				
1	GROUND FLOOR	278.74	-	278.74
2	FIRST FLOOR	189.43	-	189.43
3	HEAD ROOM	-	23.39	23.39
GRAND TOTAL :		**7833.95**	23.39	7857.34

$$\text{FLOOR SPACE INDEX} = \frac{\text{FSI AREA}}{\text{SITE AREA}} = \frac{7833.95 \text{ Sq.m}}{9720.00 \text{ Sqm}} = 0.80 < 1.50$$

S.No	PARKING AREA DESCRIPTION	AREA (SQ.M)	REQUIRED (NO'S)	PROVIDED (NO'S)
1	ONE CAR SPACE FOR EVERY 200 SQ.M - OFFICE AREA	58.15	1	4
2	ONE TWO WHEELER SPACE FOR EVERY 50 SQ.M- WORKSHOP AREA	7775.80	156	160
3	ONE CYCLE SPACE FOR EVERY 50 SQ.M - WORKSHOP AREA	7775.80	156	163

OSR :- REQUIRED AREA	PROVIDED AREA
1002.59 Sq.m (10.00%)	1070.89 Sq.m (10.68 %)
HEIGHT OF THE BUILDING	17.26M

Er.C.PALANISAMY, B.E.,
Registered Engineer - TD/RE/Gr-I/2023/05/001
Registered Structural Engineer - 016/RSE II
Licensed Building Surveyor - 032/26/2016-2017
Consulting Civil Engineer
RG Builders No : 50/1, Swapna Towers (Third Floor),
Stanes Road 4th Street, Avinashi Main Road,
Tirupur -641602, Cell No: 9894042540
E.mail :cpsamy.rgbuilders@gmail.com

REGISTERED STRUCTURAL ENGINEER

Er.C.PALANISAMY, B.E.,
Registered Engineer - TD/RE/Gr-I/2023/05/001
Registered Structural Engineer - 016/RSE II
Licensed Building Surveyor - 032/26/2016-2017
Consulting Civil Engineer
RG Builders No : 50/1, Swapna Towers (Third Floor),
Stanes Road 4th Street, Avinashi Main Road,
Tirupur -641602, Cell No: 9894042540
E.mail :cpsamy.rgbuilders@gmail.com

REGISTERED ENGINEER

1.
2.
3.

APPLICANT

Signature Not Verified
Signed by: Assistant Director
Location:Erode
Date:2023.08.30 16:58:42

Signature Not Verified
Signed by: Director
Location:null
Date:2023.08.09 19:29:54