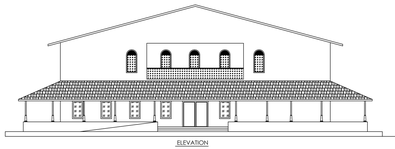
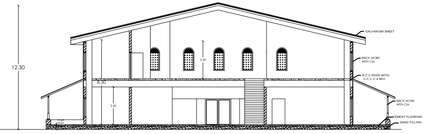
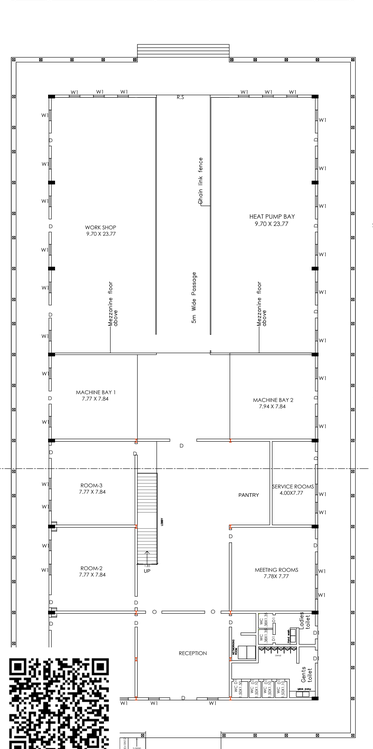
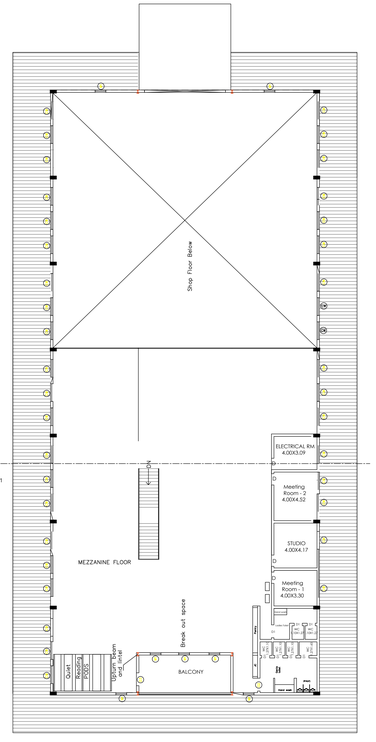
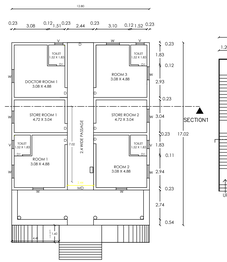






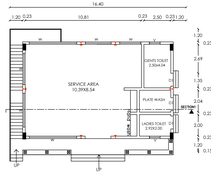
BLOCK - I PLAN





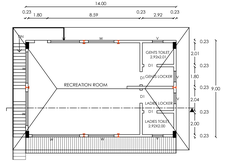
PLAN

BLOCK - II

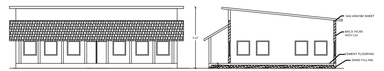


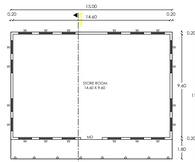
GROUND FLOOR PLAN

BLOCK - III



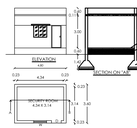
FIRST FLOOR PLAN



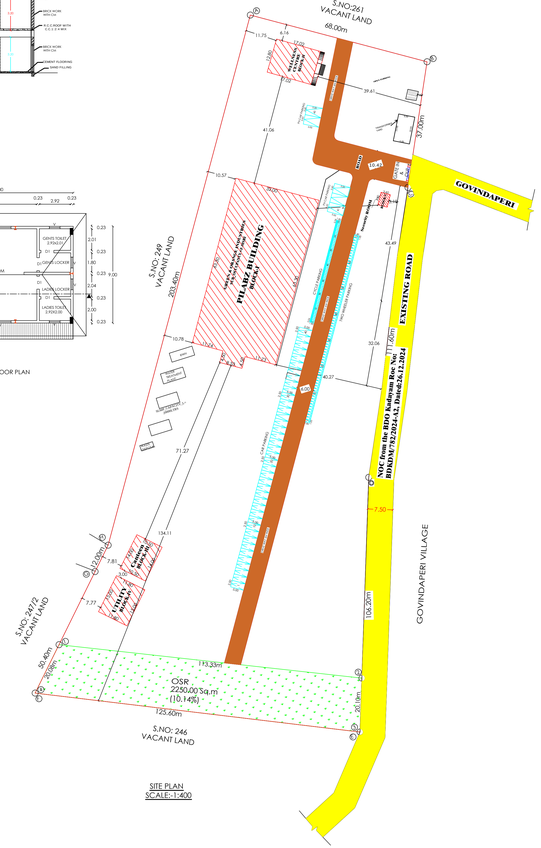


PLAN

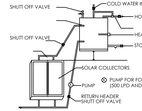
BLOCK - IV



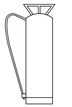
BLOCK-V



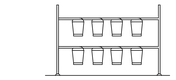
SITE PLAN
SCALE:1-1:400



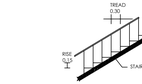
DETAILS OF SOLAR WATER HEATER
(N.T.S)



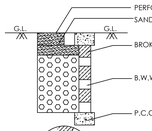
FIRE EXTINGUSHIER (N.T.S)



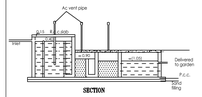
SAND BUCKETS (N.T.S)

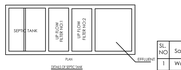


STAIRCASE DETAIL



RAIN WATER PERCOLATION (N.T.S)





PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING FOR HIGHLAND VALLEY CORPORATION PVT LTD. (ELECTRONIC AND ELECTRICAL GOODS-GREEN CATEGORY (PILABZ BUILDING) WITH INSTALLATION OF 11350 W ELECTRIC MOTORS, IN S.NO:247/1AT GOVINDAPERI ROAD, AYAN DHARMAPURAMADAM VILLAGE AND PANCHAYAT,TENKASI TALUK & DISTRICT.

ALL DIMENSIONS ARE IN METRE SCALE:- 1:100

SITE AREA DETAILS

AS PER DOCUMENT			PATTA
S.NO	DOCUMENT NO	SQ.MT	SQ.MT
247/1	475x/2023	22200.00	22200.00
	TOTAL	22200.00	22200.00

AREA STATEMENT

PARTICULAR	SQ.MT	SQ.FT
SITE AREA	22200.00	238940.80
BLOCK I (PILABZ BUILDING)		
GROUND FLOOR	2064.03	22217.21
FIRST FLOOR	807.50	8691.93
BLOCK II (WELLNESS CENTER)		
PLINTH AREA	217.51	2341.37
BLOCK III (CANTEEN)		
GROUND FLOOR	160.77	1730.52
FIRST FLOOR	126.00	1356.26
BLOCK IV (UTILITY ROOM)		
PLINTH AREA	177.00	1905.22
BLOCK V (SECURITY ROOM)		
PLINTH AREA	17.28	186.00
TOTAL BUILDUP AREA	3570.09	38428.41
OPEN AREA	19630.41	211080.38

FSI AREA CALCULATION

SL.NO	FLOOR	FSI	NON FSI	TOTAL
1.	BLOCK- I	2871.53	----	2871.53
2.	BLOCK- II	217.51	----	217.51
3.	BLOCK- III	286.77	----	286.77
4.	BLOCK- IV	177.00	----	177.00
5.	BLOCK- V	17.28	----	17.28
TOTAL		3570.09	----	3570.09

SITE BOUNDARY
PROPOSED BUILDING
EXISTING ROAD
OSR
DRIVE WAY

OFFICE USE:-

MACHINERY LIST

1.3D printing - 1500 W
2.Milling Machine - 2000 W
3.Turning Machine - 4650 W
4.Leathe machine - 2200 W
5.Laser Printing - 1000 W

OSR CALCULATION

Site Area =22200.00 sq.mt

OSR = 22200.00 X 10 / 100 = 2220.00 Sq.mt

Provided OSR Area = 2250.00 Sq.mt (10.14%)

NOTE:-
- The OSR area should be maintained duly by the owner
- The OSR area should be left open and no new Construction / Structures should be Carried out / erected.
- 1 % 4 OSR Area Should Not be New Developed Construction

SCHEDULE OF JOINERY

M.D	DOOR	2.00X 2.10	W	WINDOW	1.80X 1.80
D1	DOOR	1.00X 2.10	V	VENTILATOR	0.91X 0.60
D2	DOOR	0.76X 2.00	V1	VENTILATOR	1.80X 0.60

FLOO COVERAGE

BLOCK 1 + BLOCK 2 + BLOCK3 + BLOCK4+BLOCK 5 / SITE AREA x100

2064.03+217.51+160.77+177.00+17.28 / 22200.00 x100

= 11.87%

FLOOR SPACE INDEX

BLOCK 1 + BLOCK 2+BLOCK3+BLOCK4+BLOCK5 / SITE AREA

3570.09 / 22200.00 = 0.16 < 2.0

NOTE:-
- Exhaust Fan to be provided ☒
- Storm Water drainage system provided
- Rain Water Harvesting / Conservation of Rain Water Structures to be provided
- Both and wash basin water treated and refuse to toilet and gardening purpose
- Rain Water Recycling System to be provided
- Fire protecting and fire Extinguisher System to be provided
- Emergency Alarm to be provided
- Solar Photovoltaic Panels provided
- Lightening protection to be provided
- Solar Assisted Water heating system to be provided
- Solid waste tuh to be provided
- sewage water to be used to garden purpose
- Drinking water Facilities to be provided
- Installation of a/c units provided
- Acoustics, Sound insulation and noise control system to be provided
- Building to be designed for handicapped people

WORKERS DETAIL

TOTAL NUMBER OF WORKERS=100(nos)
MALE WORKERS = 70(nos)
FEMALE WORKERS = 30(nos)

SL. NO.	Sanitary Units	For Male (70 nos)		For Female (30nos)	
		Required	Provided	Required	Provided
1	Water Closet	4	12	3	8
2	Urinals	3	4	-	-
3	Ablution Taps	4	12	3	8
4	Washing Taps with Drinking Arrangement	3	4	2	4
5	Drinking Water Fountain	One For Every 100 Persons			
6	Emergency Showers and Eye Wash Fountain	One For Every Floor			

PARKING CALCULATIONS (WELNESS CENTER)

FLOOR AREA = 217.51

1 Two Wheeler & 1 Car Space for every 100 sq.m of Floor Area

217.51 / 100 = 2.17 SAY = 3 Two Wheeler & Car Space

Total Required Two Wheeler & Car parking
= 3 Two Wheeler & 3 Car Space

Total Provided Two Wheeler & Car parking
= 3 Two Wheeler & 3 Car Space

INCLUDING 2 NOS CAR PARKING SPACE PROVIDED FOR PHYSICALLY CHALLENGED PERSON

PROVIDED PARKING

Provided Car parking = 40 car space

Provided Two wheeler parking = 70 car space

Provided Cycle parking = 70 car space

Provided PH Car parking = 5 car space

PARKING CALCULATIONS (PILABZ BUILDING)

WORKSHOP AREA = 2871.53

1 Two Wheeler & 1 Car Space for every 100 sq.m of Floor Area

2871.53 / 100 = 28.71 SAY = 29 car space

Total Required Two Wheeler & Car parking
= 29 Two Wheeler Space & 29 Car Space

Total Provided Two Wheeler & Car parking
= 65 Two Wheeler Space & 35 Car Space

CYCLE PARKING

1 Cycle Space for every 50 sq.m of Floor Area

2871.53 / 50 = 57.43 SAY = 58 Cycle Space

Total Required Cycle parking = 58 Cycle Space

Total Provided Cycle parking = 70 Cycle Space

INCLUDING 3 NOS CAR PARKING SPACE PROVIDED FOR PHYSICALLY CHALLENGED PERSON

கூ.வ/திருமாநா.ஊ.எல்லை: SWP/ 04 /2025
[ONLINE APPLICATION: SWP/BPA/376411/2024]

ASSISTANT DIRECTOR
DISTRICT TOWN AND COUNTRY PLANNING,
TENKASI

Er. MUHAMMED SAJITH.N B.E Civil
Registered Construction Engineer (RCE)
Regn.No: RCE/TEN/JAN/2021/001
Tenkasi Construction Company (TCC)
Madurai Road-Tenkasi. 627 803.
Mob- 9942 92 9942

CONSTRUCTION ENGINEER:-

Er. S. Shunmuga Selvan M.E.,(Struct)
LOYAL BUILDERS
Registered Engineer Grade II (EE)
RE/Gr-II/TEN/January/2021/001
311H, Ganapathy Plaza, Annaiyan Sannathi
Tenkasi - 627 811
Cell: 94433 91236, 89460 57054

REGISTER ENGINEER:-

Er. S. Shunmuga Selvan M.E.,(Struct)
LOYAL BUILDERS
Registered Structural Engineer Grade II (RSE)
RSE/Gr-II/TEN/January/2021/002
311H, Ganapathy Plaza, Annaiyan Sannathi
TENKASI - 627 811
Cell: 94433 91236, 89460 57054

STRUCTURAL ENGINEER:-

For Highland Valley Corporation Pvt. Ltd.
Authorised Signatory

APPLICANT:-