PLAN SHOWING THE REVISED AND ADDITIONAL CONSTRUCTION OF EXISTING MINERALIZED [PACKAGED DRINKING] WATER AND SOFT DRINKS BOTTLING PLANTS FACTORY BUILDING WITH INSTALLATION OF 2323KVA FOR M/S.DAILY FRESH FRUITS INDIA PRIVATE LIMITED IN PLOT NO:B-22, B-23, B-24, S.NO:1724part, GANGAIKONDAN VILLAGE APPROVED LAYOUT L.P/TVL/D.T.C.P. NO.-S.W.P./45/2023, SIPCOT INDUSTRIAL GROWTH CENTRE, GANGAIKONDAN PANCHAYAT, MANUR PANCHAYAT UNION, TIRUNELVELI TALUK, TIRUNELVELI DISTRICT.

APPROVED DETAIL:

1. DIRECTOR, DIRECTORATE OF TOWN and COUNTRY PLANNING DEPARTMENT: SWP/BPA/266510/2024/TCP6, Date:05.08.2024
2. JOINT DIRECTOR, DISTRICT TOWN and COUNTRY PLANNING OFFICE ROC NO: SWP/BPA/266510/2024, Date:14.08.2024.
3. PRESIDENT, GANGAIKONDAN VILLAGE PANCHAYAT, ROC NO:123/24-25, DATE:25.01.2025

CATEGORY: **GREEN INDUSTRIES**,
[TNCDBR-2019]Annexure-VII(9): **AERATED WATER/SOFT DRINKS**
NIC 5 DIGIT CODE : **11041-MANUFACTURE OF AERATED DRINKS**

SITE AREA B22, B23, B24 = 47266.89 SQ.MT (11.68 Acres)

FLOOR	EXG. APPROVED AREA		PROPOSED AREA		Total Buildup Area in sq.mt
	F.S.I Area in sq.mt	NON F.S.I Area in sq.mt	F.S.I Area in sq.mt	NON F.S.I Area in sq.mt	
BLOCK 1-Main block-G.F	9340.00	---	25.99	---	9365.99
BLOCK 2-Power house-G.F.	121.97	---	---	---	121.97
BLOCK 3-Compressor shed-G.F	239.90	---	---	---	239.90
BLOCK 4-Labor shed - G.F.	103.82	---	---	---	103.82
BLOCK 5-Toilet - G.F. AREA	22.93	---	---	---	22.93
BLOCK 6-Watchmen room-G.F.	---	10.88	---	---	10.88
BLOCK 7-RO.plant-G.F.	337.98	---	---	---	337.98
BLOCK 8-STORAGE SHED-G.F.	---	---	222.96	---	222.96
T1_ULTRA FILTRATION WATER FEED TANK	---	22.06	---	---	22.06
T2-Exg. R.O. Plant back wash tank & Pro.Feed water sump plan	---	67.93	---	202.44	270.37
T3_RAW WATER SUMP	---	208.67	---	---	208.67
T4_TANK	---	---	---	568.32	568.32
TOTAL	10166.60	309.54	248.95	770.76	11495.85

JOINERIES

R.S	ROLLING SHUTTER	4.88 X 6.10
R.S1	ROLLING SHUTTER	3.35 X 3.35
D	DOOR	5.20 X 6.10
D1	DOOR	1.83 X 2.40
D2	DOOR	0.91 X 2.40
D3	DOOR	0.76 X 2.10
O	OPEN	1.54 X 2.40
W	WINDOW	1.83 X 1.22
W1	WINDOW	1.52 X 1.22
LV	LOUVER VENTILATOR	15.40 X 0.60
LV1	LOUVER VENTILATOR	15.40 X 0.45
LV2	LOUVER VENTILATOR	15.30 X 0.45
LV3	LOUVER VENTILATOR	15.30 X 0.30
LV4	LOUVER VENTILATOR	0.30 X 6.30
RV	ROOF VENTILATOR	3.25 X 2.00
RV1	ROOF VENTILATOR	3.00 X 1.20
RV2	ROOF VENTILATOR	2.00 X 1.20
RV3	ROOF VENTILATOR	0.75 X 1.00
V	VENTILATOR	0.91 X 0.61

FLOOR SPACE INDEX & FLOOR AREA RATIO:

$$FSI = \frac{\text{FLOOR AREA}}{\text{SITE AREA}}$$

$$\text{EXG. FSI} = \frac{10166.60}{47266.89} = 0.215$$

$$\text{PRO. FSI} = \frac{248.95}{47266.89} = 0.005$$

$$FSI = \frac{10415.55}{47266.89} = 0.220$$

$0.22 < 2.0$

COLOUR	REFERENCE
🟥	SITE BOUNDARY
▨	EXISTING BUILDING
▨	PROPOSED BUILDING
▭	EXISTING ROAD

PARKING CALCULATION

WORKSHOP AREA:-

Every 50Sq.mt of WORKSHOP AREA = 1 TWO WHEELER & 1CYCLE
ADD EVERY 500 SQ.MT = 1 LORRY SPACE
WORKSHOP AREA = 10415.55
10415.55/ 75 = 138.874 say 139 Two wheeler & 139 Cycle Space
10415.55/ 750 = 13.887 say 14 No of Lorry Space
REQUIRED PARKING = 139 TWO WHEELER, 139 CYCLE & 14 LORRY
AVAILABLE PARKING = 270 TWO WHEELER, 272 CYCLE & 30 LORRY

EXISTING MACHINERY DETAIL

Sl.NO	DESCRIPTION	TOTAL KVA
1	BLOWING & FILLING MACHINE	238.00
2	BLOWING & FILLING MACHINE	340.00
3	BLOWING & FILLING MACHINE	382.00
4	CHILLER AND COOLING TOWER	80.00
5	CHILLER AND COOLING TOWER	80.00
6	CHILLER AND COOLING TOWER	120.00
7	HUSKY MACHINE	503.00
8	COMPRESSOR	160.00
9	COMPRESSOR	160.00
10	RO	130.00
11	RO	130.00
	TOTAL	2323.00

TOTAL NUMBER OF LABORS = 20 NOS

SANITATION REQUIREMENTS : MALE=15NOS, FEMALE=5NOS

Sl.No	SANITARY UNIT	GENTS	LADIES	REQUIRED	AVAIABLE
1.	WATER CLOSET	1	1	1	3
2.	ABLUTION TAP	1	1	1	3
3.	URINALS	1	---	1	3
4.	Washing Taps with draining arrangement			1	2
5.	DRINKING WATER FOUNTAIN - DW			1	13
6.	BATH PREFERABLY SHOWERS			---	---
7.	EMERGENCY SHOWER AND EYE WASH FOUNTAIN.			---	---

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Registered Engineer Grade - I
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STRUCTURAL ENGINEER:

Er. P. DURAI MUTHU M.E., FIV, MISTE.
ENGINEER, LICENCED BUILDER & SURVEYOR
ANGELA CONSULTANT
PLAN ONLY
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Palayamkottai, Tirunelveli-2.
Ph Off: 0462-2576182, Cell 98421 72100

ENGINEER:

APPLICANT:

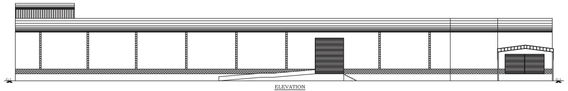
OFFICE USE:

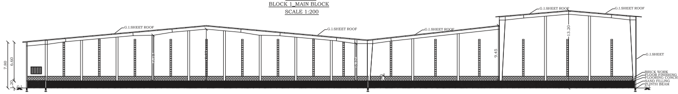
SWP/BPA/428560/2024

B.P / DTCP No: 136 /2025

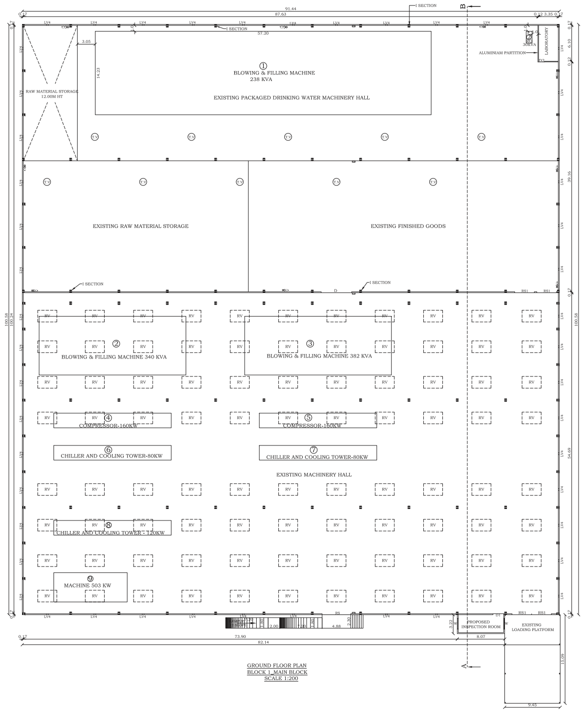
I.B/B.P/TVLD NO:SWP/44/2025

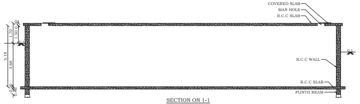
Signature valid Signature valid


ELEVATION
BLOCK 1_MAIN BLOCK
SCALE 1:200

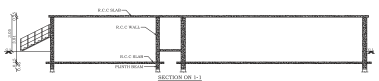


SECTION ON A-B
BLOCK 1_MAIN BLOCK
SCALE 1:200

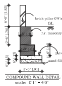

97.63
91.44
57.30
RAW MATERIAL STORAGE 12.00M HT
① BLOWING & FILLING MACHINE 238 KVA
EXISTING PACKAGED DRINKING WATER MACHINERY HALL
LABORATORY
ALUMINIUM PARTITION
EXISTING RAW MATERIAL STORAGE
EXISTING FINISHED GOODS
② BLOWING & FILLING MACHINE 340 KVA
③ BLOWING & FILLING MACHINE 382 KVA
④ COMPRESSOR-160KW
⑤ COMPRESSOR-160KW
⑥ CHILLER AND COOLING TOWER-80KW
⑦ CHILLER AND COOLING TOWER-80KW
EXISTING MACHINERY HALL
⑧ CHILLER AND COOLING TOWER-120KW
⑨ MACHINE 503 KW
RV
LV4
PROPOSED INSPECTION ROOM
EXISTING LOADING PLATFORM
73.90
82.14
100.58
100.24
GROUND FLOOR PLAN
BLOCK 1_MAIN BLOCK
SCALE 1:200



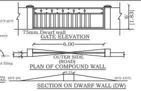
SECTION ON 1-1



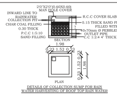
SECTION ON 1-1
T2_R.O.PLANT BACK WASH TANK PLAN
SCALE 1:100



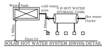
COMPOUND WALL DETAIL
scale: 0'1" = 4'0"



GATE ELEVATION
PLAN OF COMPOUND WALL
SECTION ON DWARF WALL (DW)

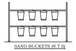

2'0"X2'0"(0.60X0.60) MAN HOLE COVER
INWARD LINE TO RAINWATER COLLECTION PIT
CHAR COAL FILLING 0.30 THICK
P.C.C 1:5:10
SAND FILLING
R.C.C COVER SLAB
0.15 THICK SAND FILLING
FILLED WITH 40-70mm Ø PEBBLES
OUTLET PIPE
C.C 1:2:4 4" THICK
SECTION
PLAN
1.98
DETAILS OF COLLECTION SUMP FOR RAIN WATER HARVESTING OF ROOF TOP RAIN WATER

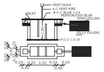
STAIR DETAILS



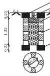
SOLAR HOT WATER SYSTEM (SWHS) DETAIL

FIRE EXTINGUSHIER (N.T.S)

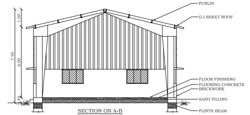

SAND BUCKETS (N.T.S)



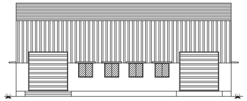
SEPTIC TANK DETAILS

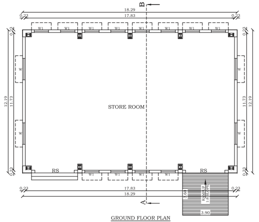


RAIN WATER PERCOLATIONPIT

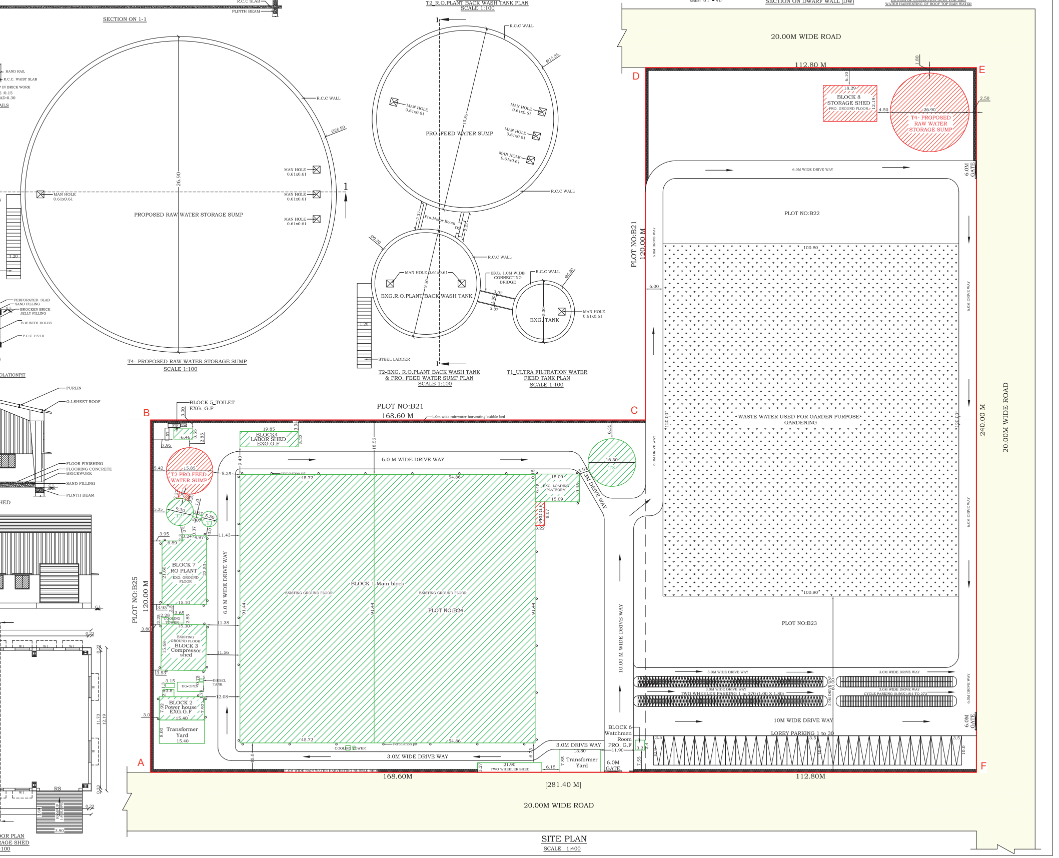


SECTION ON A-B
BLOCK8_STORAGE SHED





GROUND FLOOR PLAN
BLOCK 8_STORAGE SHED
SCALE 1:100



T4- PROPOSED RAW WATER STORAGE SUMP
SCALE 1:100

T2-EXG. R.O.PLANT BACK WASH TANK & PRO. FEED WATER SUMP PLAN
SCALE 1:100

T1_ULTRA FILTRATION WATER FEED TANK PLAN
SCALE 1:100

SITE PLAN
SCALE 1:400