

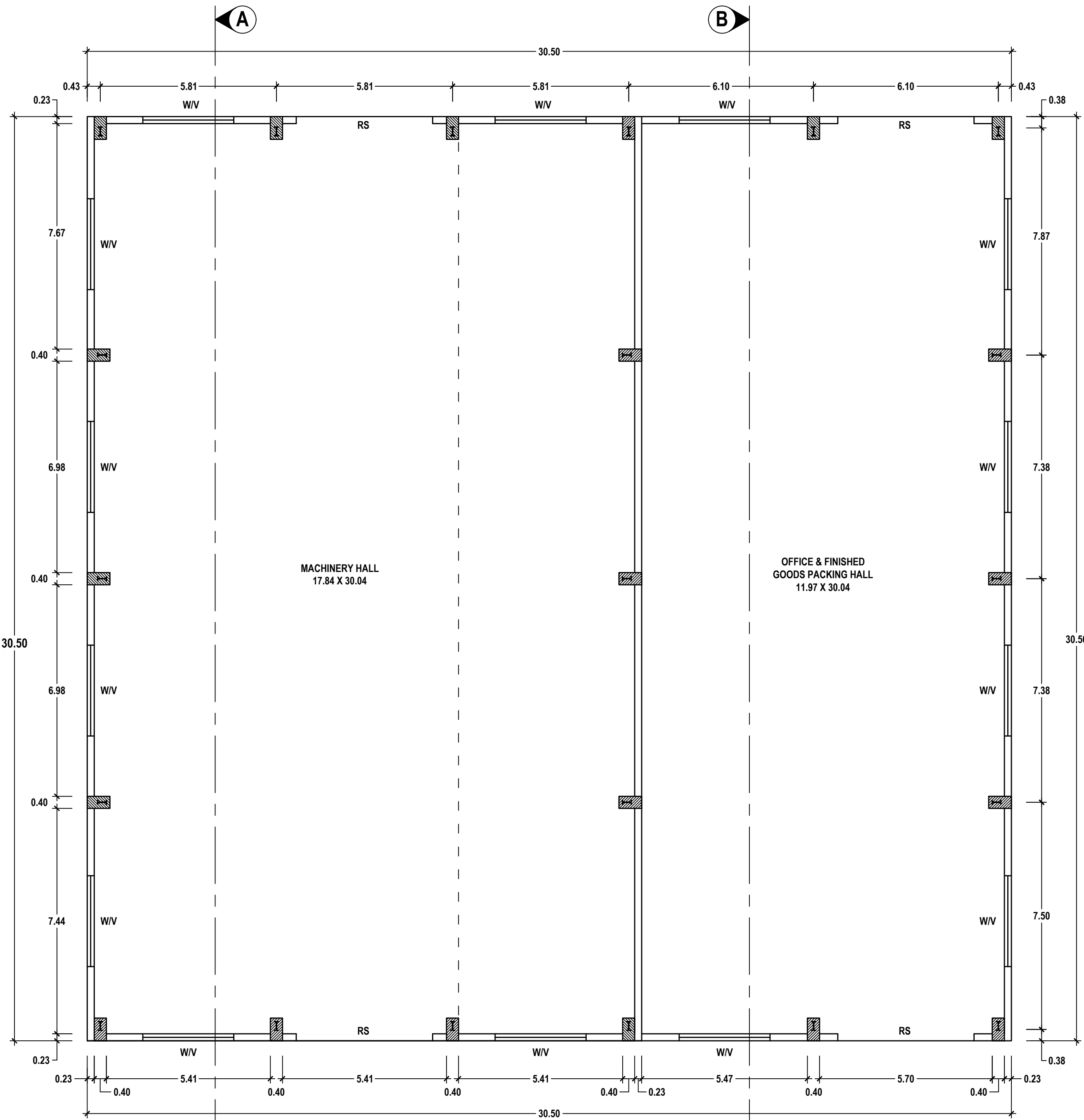
PLAN SHOWING THE PROPOSED CONSTRUCTION OF INDUSTRIAL BUILDING (WASHING OF USED SAND BY HYDRAULIC DISCHARGE) BY USING 50 H.P ELECTRICAL POWER IN SURVEY NO. 1404/1A AT MEELAVITTAN VILLAGE OF THOOTHUKUDI CITY MUNICIPAL CORPORATION, WEST ZONE.

APPLICANT NAME : M/s. INDIAN OCEAN GARNET SANDS COMPANY

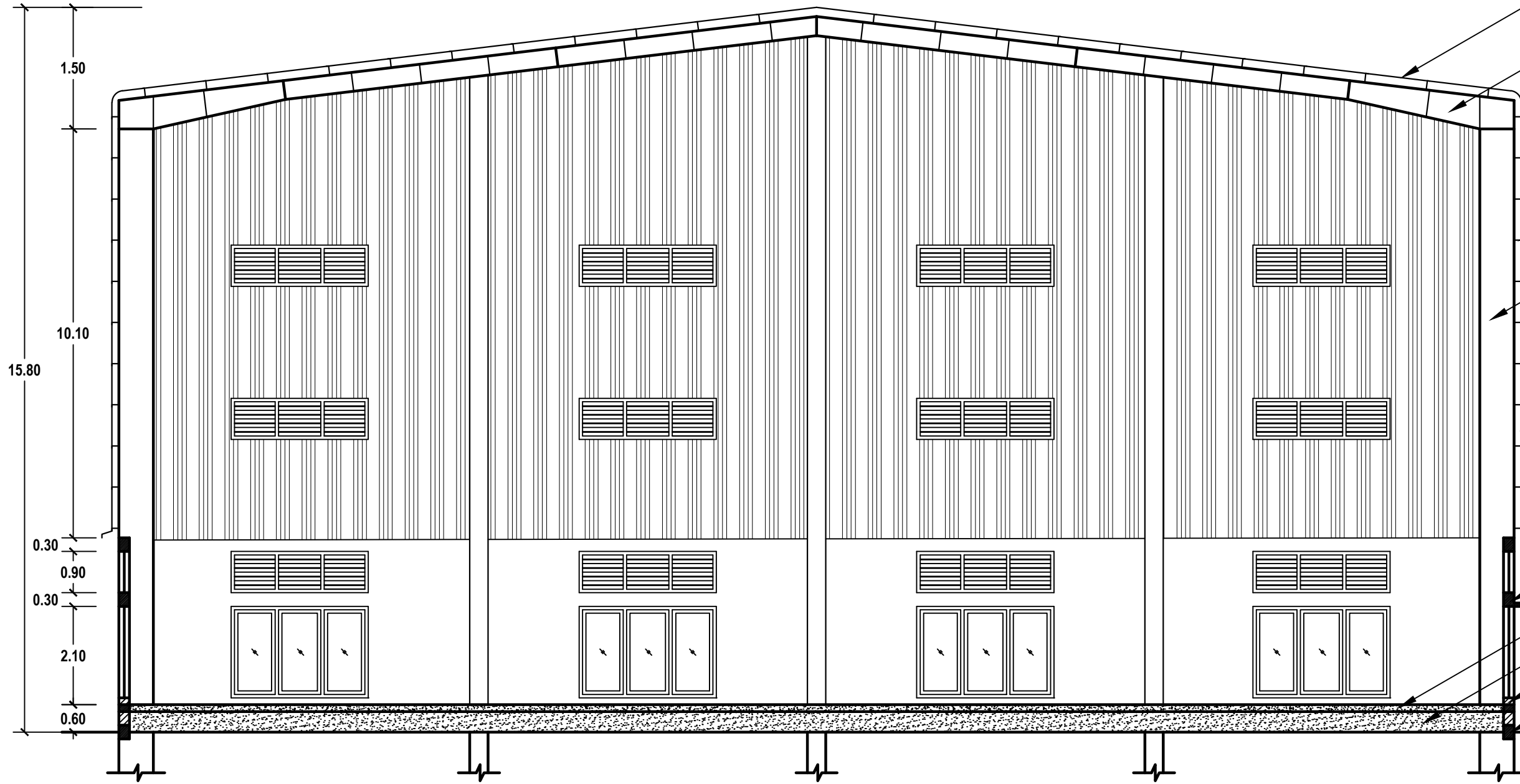
WORK SHED



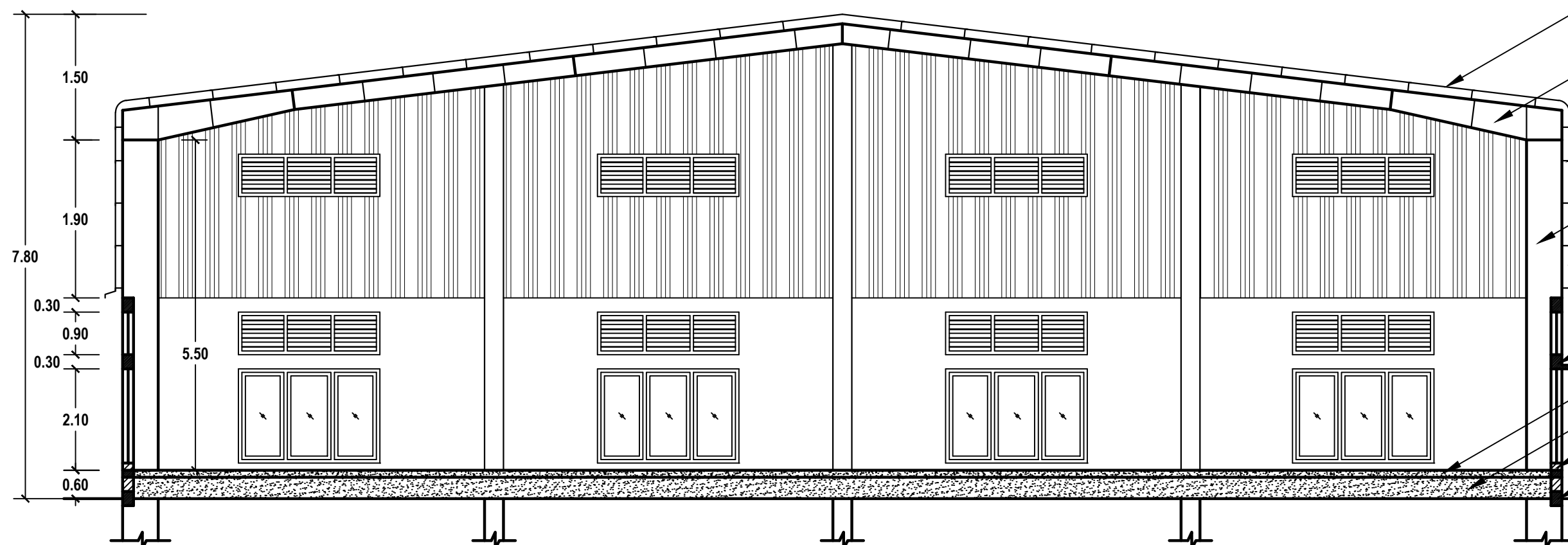
ELEVATION



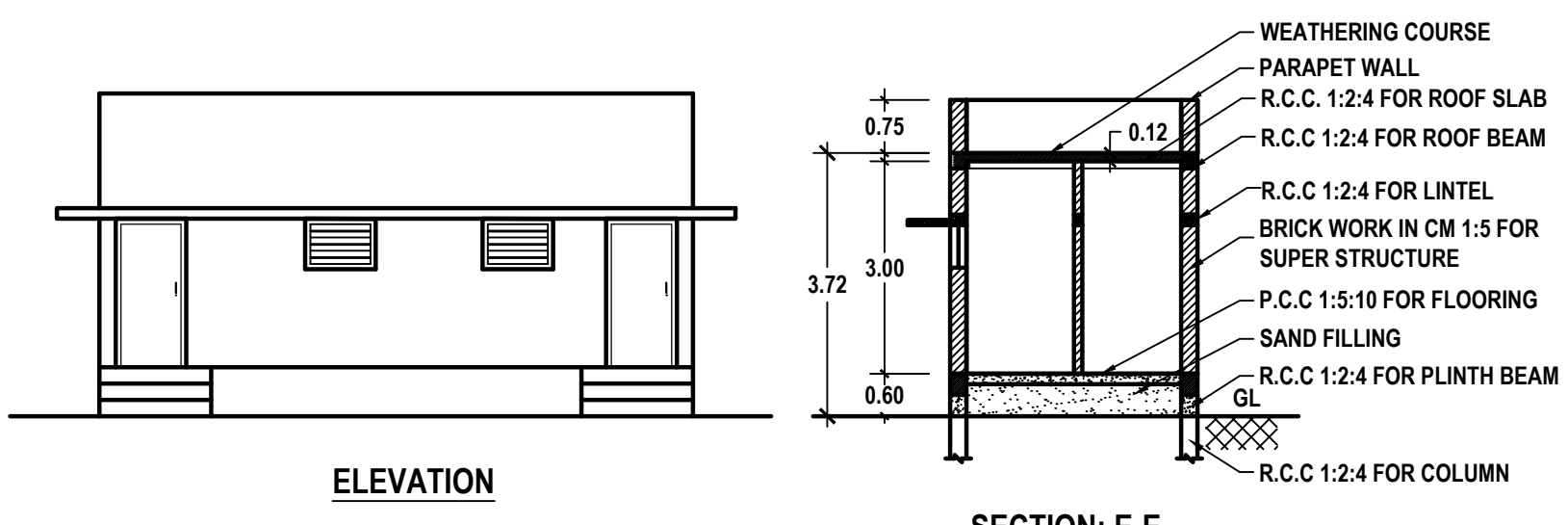
PLAN



SECTION: A-A

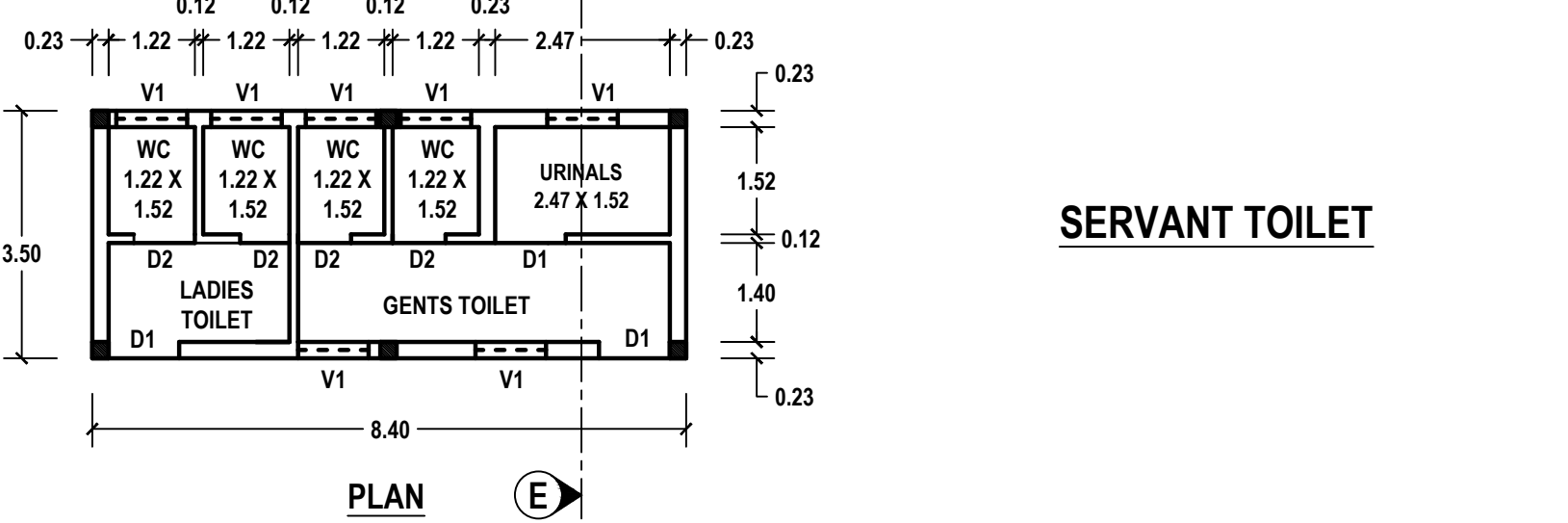


SECTION: B-B



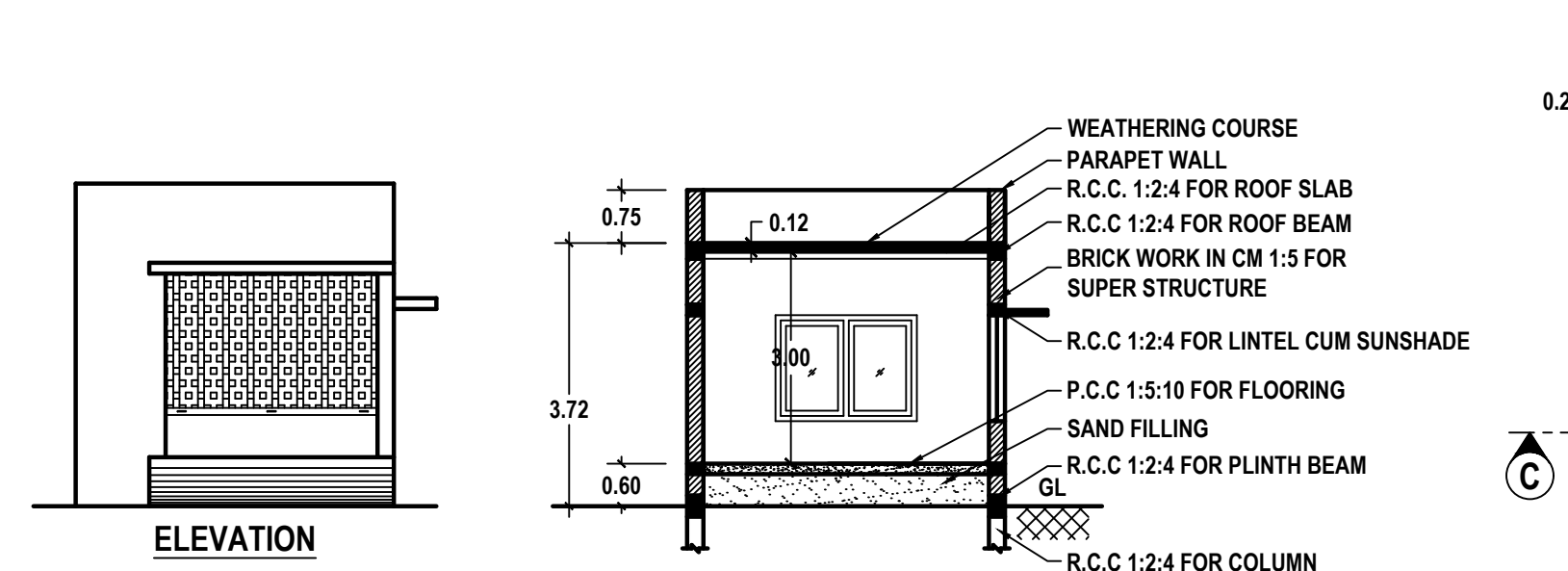
ELEVATION

SECTION: E-E



PLAN

SERVANT TOILET



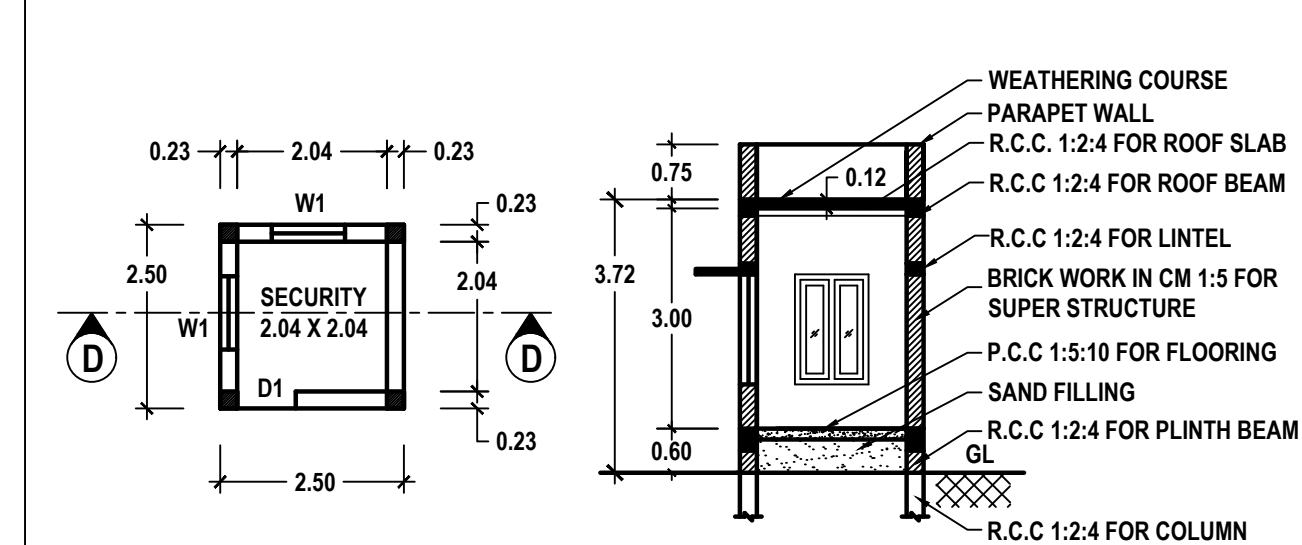
ELEVATION

SECTION: C-C



PLAN

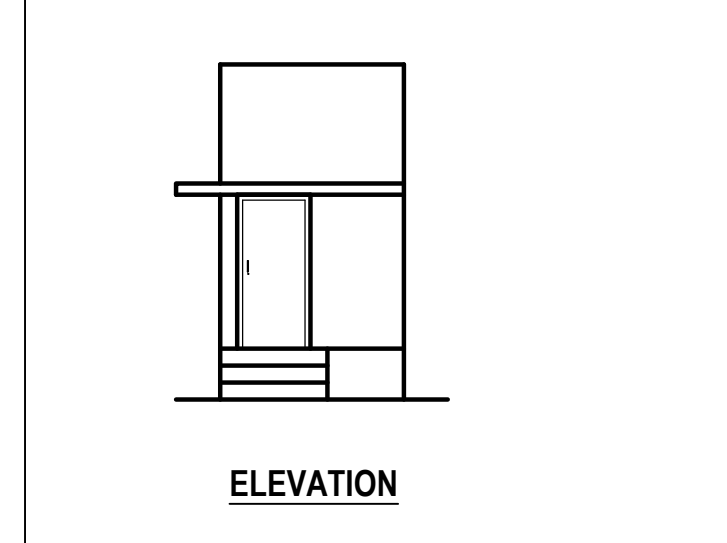
E.B. PANEL ROOM



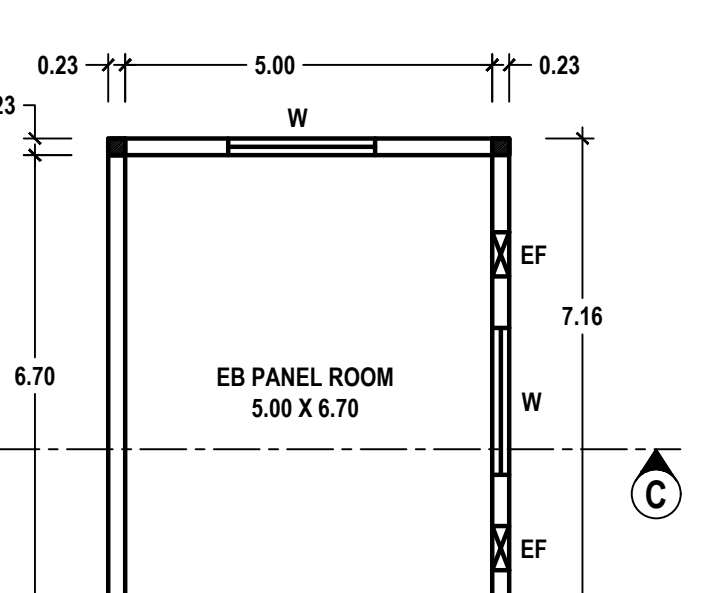
PLAN

SECTION: D-D

SECURITY



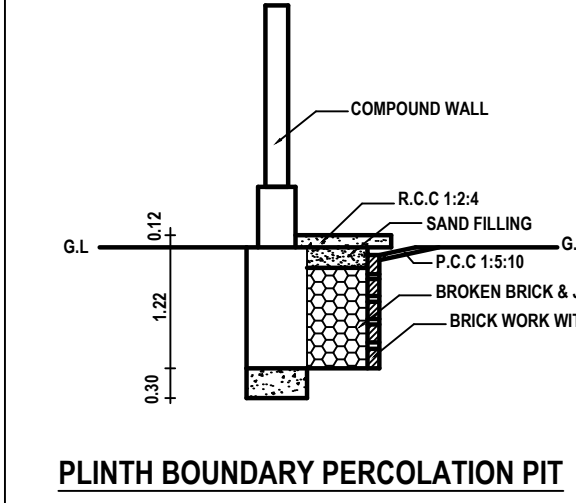
ELEVATION



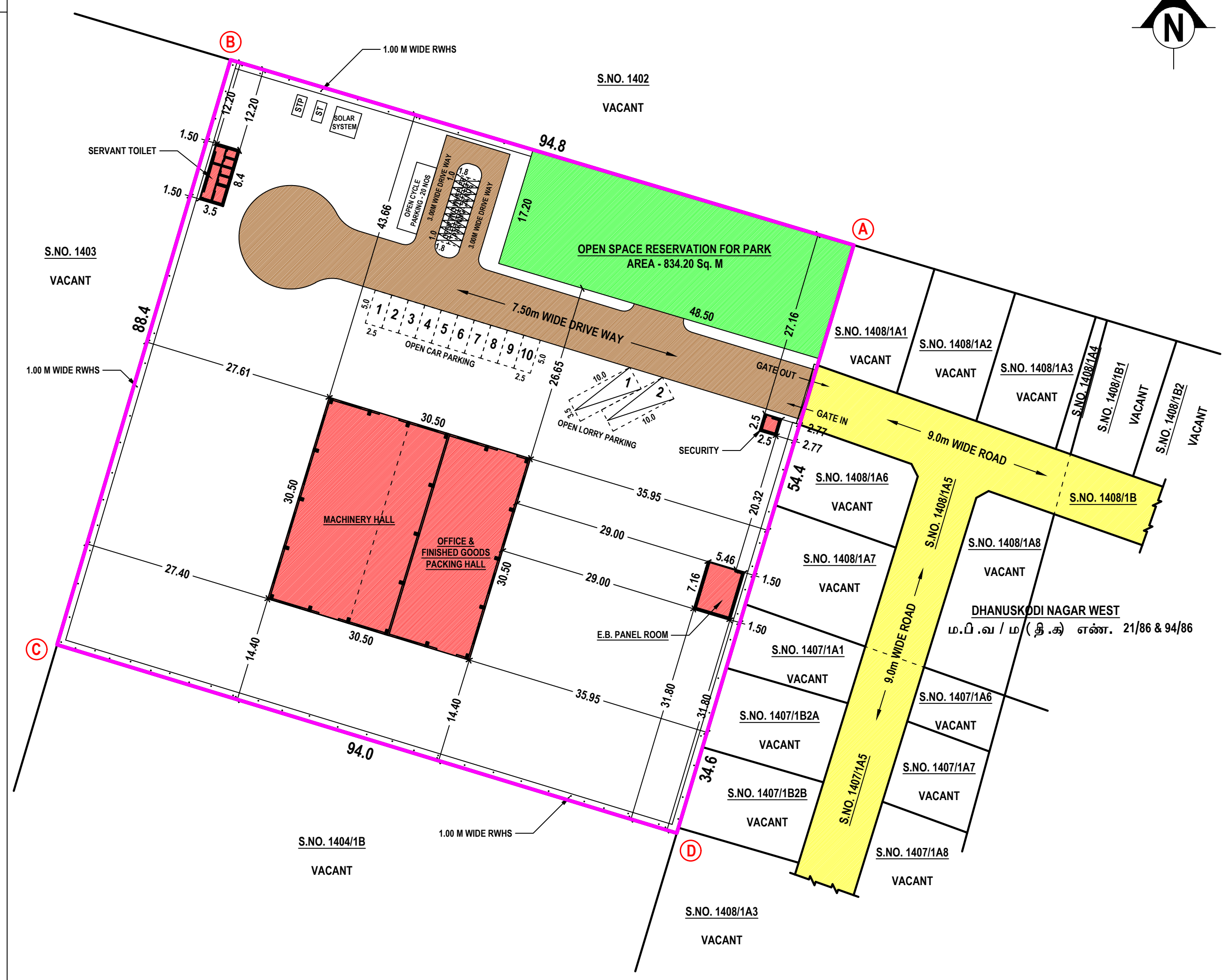
PLAN

SECTION: E-E

PLINTH BOUNDARY PERCOLATION PIT

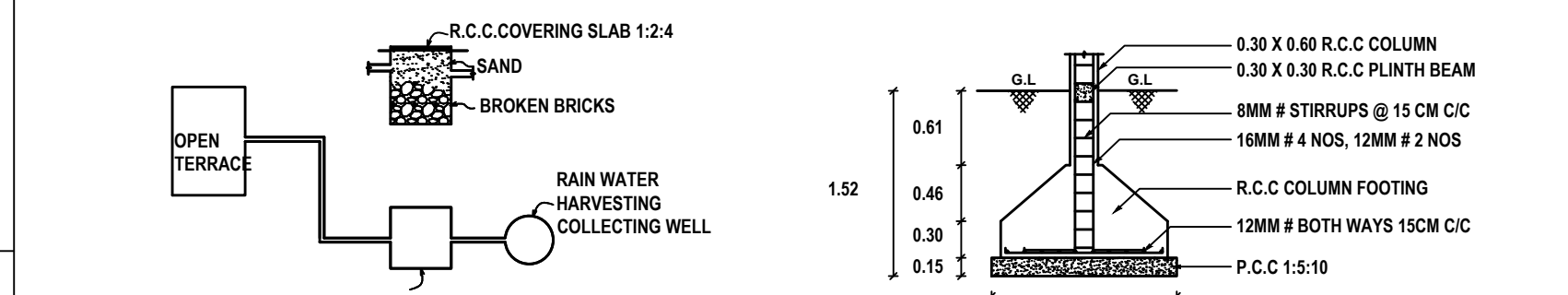


SECTION: F-F

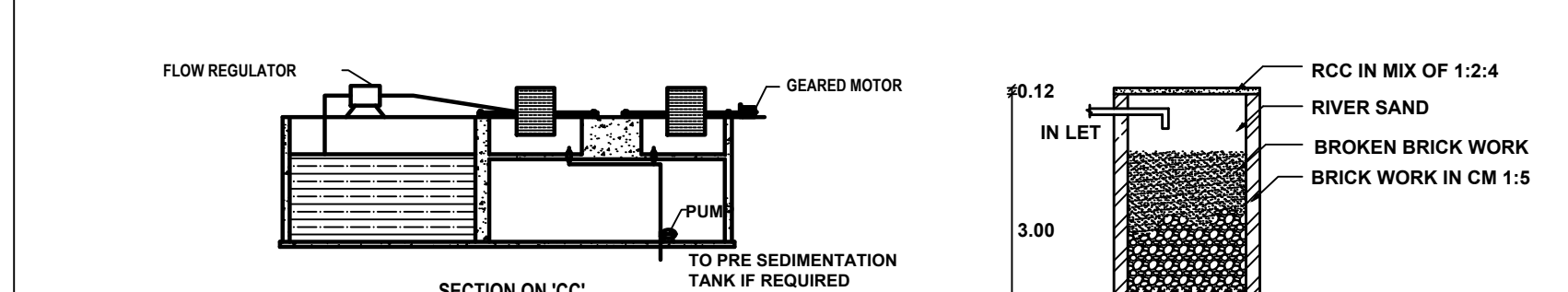


SITE PLAN

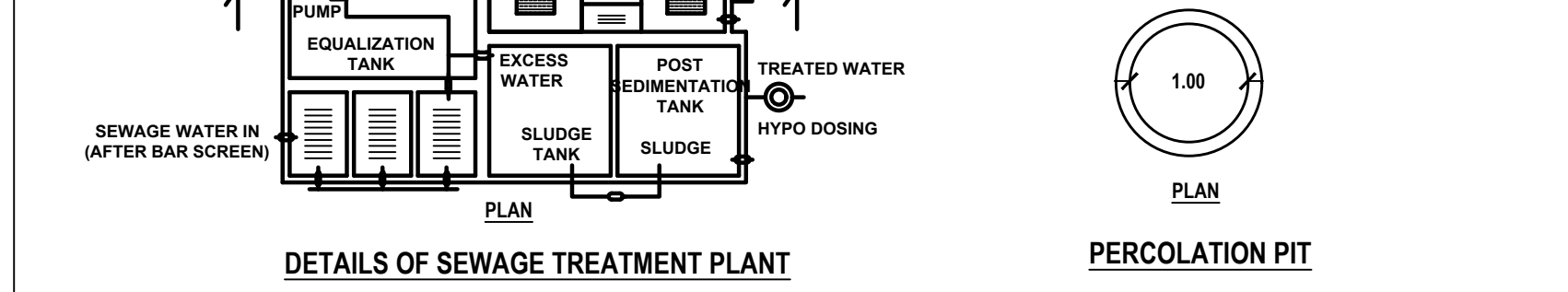
SCALE - 1:500



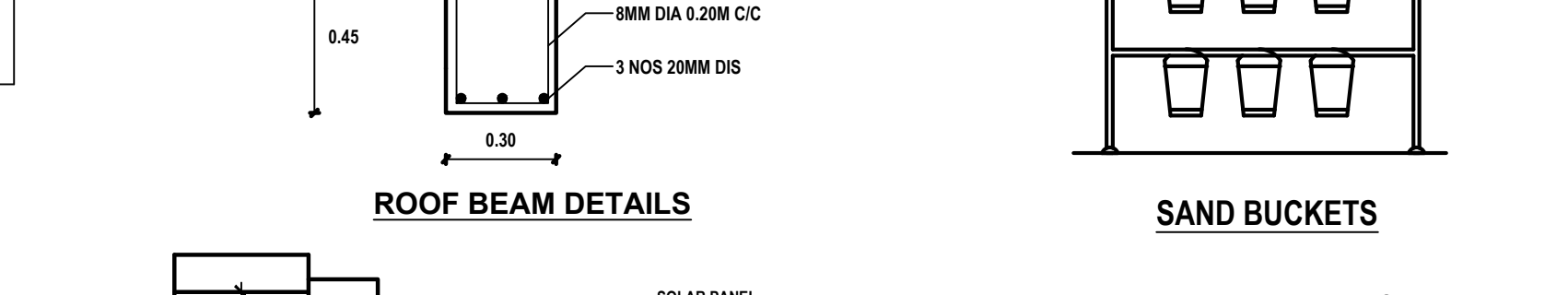
DETAILS OF RAIN WATER HARVESTING SYSTEM



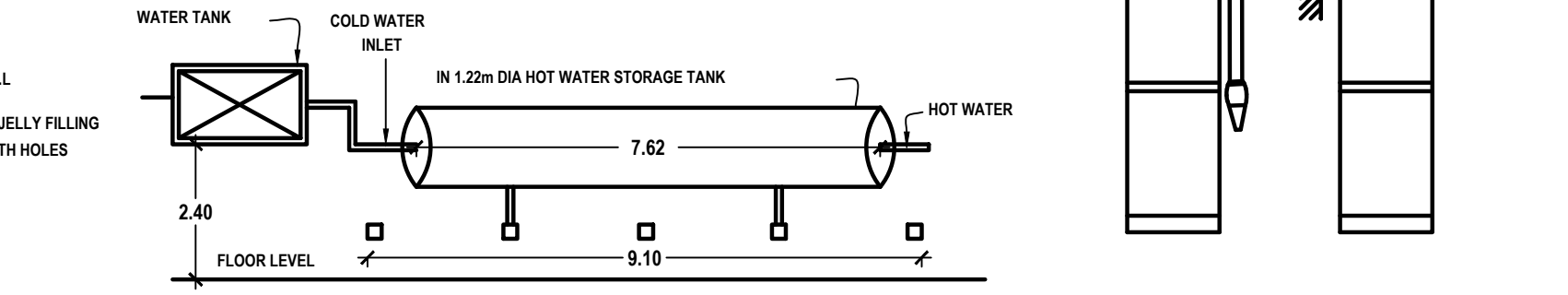
DETAILS OF SEWAGE TREATMENT PLANT



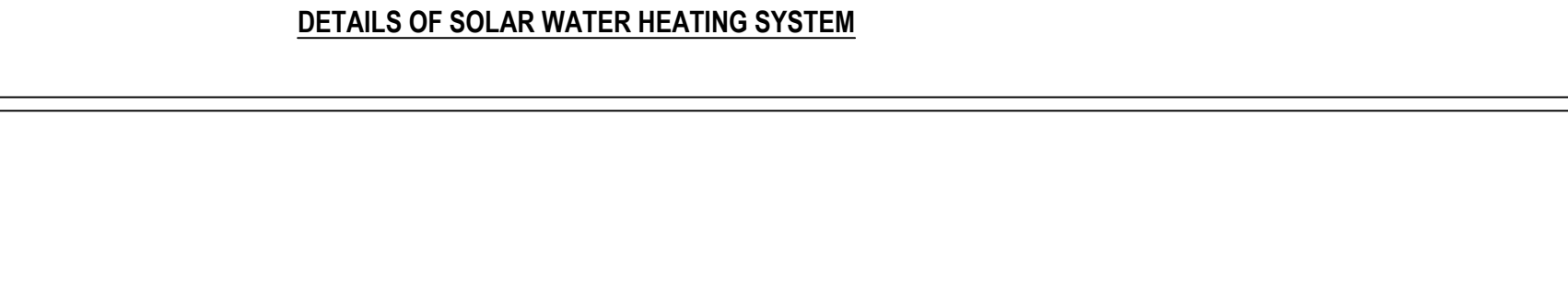
DETAILS OF SOLAR WATER HEATING SYSTEM



ROOF BEAM DETAILS



SAND BUCKETS



FIRE EXTINGUISHER

AREA DETAILS AS PER DOCUMENT					
S.L. NO.	DOCUMENT NUMBER	PATTA NUMBER	SURVEY NUMBER	AREA in Sq. M	Acres
1.	404/2010	5499	1404/1A	8340.00	2.06
2.	660/2011			8340.00	2.06
TOTAL				8340.00	2.06

BUILD UP AREA DETAILS			
DESCRIPTION	AREA in Sq. M	AREA in Sq. Ft	COLOUR
AREA OF THE SITE	8340.00	89771.76	
WORK SHED	930.25	10013.21	
E.B. PANEL ROOM	39.09	420.76	
SERVANT TOILET	29.40	316.46	
SECURITY	6.25	67.28	
TOTAL	1004.99	10817.71	
OPEN SPACE	7335.01	78954.05	
OPEN SPACE RESERVATION FOR PARK	834.20	8979.33	
DRIVE WAY			
EXISTING BUILDING			
EXISTING ROAD			

FSI =	TOTAL AREA OF ALL FLOORS	1004.99	0.12 < 1.50
	PLOT AREA	8340.00	
PC =	GROUND FLOOR AREA	1004.99	X 100 = 12%
	PLOT AREA	8340.00	X 100 = 12%

CERTIFICATE
1. CERTIFIED THAT PROVISIONS SHALL BE MADE TO BE PROVIDED "RAIN WATER HARVESTING SYSTEM" IN THE PROPOSED CONSTRUCTION AS PER PLAN.
2. BATH ROOM AND WASH BASIN WATER IS CONNECTED TO PERCOLATION PIT FOR GROUND WATER RECHARGE.
3. SOLAR WATER HEATING SYSTEM IS PROVIDED IN THIS BUILDING CONSTRUCTION AS PER PLAN.

INDUSTRIAL BUILDING PARKING DETAILS
1 TWO WHEELER SPACE AND
1 CYCLE SPACE FOR EVERY 50 Sq.M OF WORK SHOP FLOOR AREA
1 CAR SPACE FOR EVERY 100 Sq.M OF OFFICE FLOOR AREA
1 LORRY SPACE FOR EVERY 500 Sq. M OF WORK SHOP FLOOR AREA

PARKING DETAILS FOR FSI			
DESCRIPTION	AREA	REQUIRED	PROVIDED
INDUSTRIAL BUILDING	969.34	18 TWO WHEELERS 18 CYCLES 2 LORRIES	20 TWO WHEELERS 20 CYCLES 2 LORRIES

DETAILS OF FIRE FIGHTING SYSTEMS			
● ● ● ●	- FIRE RESISTING BUCKETS WITH SAND (EACH 1KG)	- SFG X 6 NOS = 36 KG	
○ ○ ○ ○	- FIRE RESISTING BUCKETS WITH WATER (EACH 1KG)	- SFG X 4 NOS = 36 KG	
● ● ● ●	- CO - CARBON DIOXIDE TYPE FIRE EXTINGUISHER	- SFG X 10 NOS = 30 KG	
● ● ● ●	- DCP DRY CHEMICAL TYPE FIRE EXTINGUISHER	- SFG X 6 NOS = 36 KG	
● ● ● ●	- FA - FIRE ALARM	= 4 NOS	
● ● ● ●	- SPRINKLER SYSTEM TO BE PROVIDED		
● ● ● ●	- FIRE HYDRANT SYSTEM TO BE PROVIDED		
● ● ● ●	- HOSE REEL SYSTEM TO BE PROVIDED		

OFFICE USE

TECHNICAL CLEARANCE
ROC. NO. SWP/BPA/002310/2022
SITE BOUNDARY SHOWN AS "A TO D"
TECHNICAL CLEARANCE NO. 45/2022 (SWP/TUTY)

SCALE - 1:100

NOTE:
1. ALL DIMENSIONS ARE IN METER.
2. CENTRALIZED AIR-CONDITION SYSTEM TO BE PROVIDED.
3. OPEN TRANSFORMER YARD - 5.00M X 5.00M
4. NUMBER OF WORKERS INVOLVED - 30 PERSONS.

SCHEDULE OF JOINERIES

REF	DESCRIPTION	SIZE (in meter)
RS	ROLLING SHUTTER	4.50 X 3.30
GS	GRILL SHUTTER	3.00 X 2.50
D1	DOOR	1.00 X 2.10
D2	DOOR	0.75 X 2.10
W	GLAZED WINDOW	2.00 X 2.00
W1	GLAZED WINDOW	1.00 X 1.50
V	VENTILATOR	2.00 X 1.00
V1	VENTILATOR	1.00 X 0.60

For INDIAN OCEAN GARNET SANDS COMPANY

M. RAMESH
MANAGING PARTNER

APPLICANT

C. DHEENATHAYALAN, B.E.,
REG. STRUCTURAL ENG. GRADE - II (RSE)
REG. NO: RSE / GR. II / TUT / JULY 2019 / 005
CORP. REG. NO: STRUCTURAL ENG. GR. II S.E
NO: 138 / S / 2019 / 00010
24E, NANTHA GOPALA PURAM (WEST)
THOOTHUKUDI - 628002.
Call: 94427 23339, 90589 57099

REGISTERED STRUCTURAL ENGINEER

S. SURESH KUMAR, B.E., M.L.E., F.I.V.
Chartered Engineer, Approved Valuer,
Consulting Engineer,
District Panel Engineer Class IA,
Licensed Builder and Surveyor,
28, 1st Floor, Tooveyapuram 5th Street,
Thoothukudi - 628 003

REGISTERED ENGINEER