

GROUND FLOOR PLAN
SCALE: 1:100

MEZZANINE FLOOR PLAN
SCALE: 1:100

DOUBLE HEIGHT
33.30x50.48

ROOF PLAN
SCALE: 1:100

SECTION AT YY
SCALE: 1:100

SECTION AT ZZ
SCALE: 1:100

LEFT ELEVATION
SCALE: 1:100

ETP LAYOUT (N.T.S.)

FRONT ELEVATION
SCALE: 1:100

SPACE FOR SEAL

SCHEDULE OF OPENINGS

S.No	Type	Width	Height	Level	SB Level	No.	Description
1	D1	2700	2100	2100		1	
2	D2	1800	2100	2100		4	
3	D3	1200	2100	2100		10	
4	D4	1130	2100	2100		17	Single shutter flush door
5	D5	1000	2100	2100		3	
6	D6	800	2100	2100		4	
7	D7	800	2100	2100		4	
8	D8	780	2100	2100		10	
9	D9	880	2100	2100		17	
10	WT	1800	1200	2100	900	26	
11	W2	1500	1200	2100	900	24	2 Leaf glazed shutter
12	W3	1200	1200	2100	900	3	
13	W4	1200	1200	2100	900	1	Single Leaf glazed shutter
14	V1	800	600	2100	900	2	
15	V	800	600	2100	1500	14	Ventilators
16	V1	410	800	2100	1500	1	

SEPTIC TANK CALCULATION
Total no. of person = 500
Taking 10% extra = (0.1X500)+500 = 550
Storage capacity @ 0.085/PERSON = 46.75 cu.m.
For gas 300 mm additional free board to be left
Size of tank = 6.0X3.0X3.0 = 54 cu.m.

RAIN WATER TANK CALCULATION
Size of catchment area = 2084.9 sq.m.
For every 100 Sq.m, 6 cum size of pit
Required size of pit @ 6 cu.m./100 sq.m.
= 20.85x6
= 125.1 cu.m.
Proposed size of recharge pit = 7m x 5m x 4m

STRUCTURAL STABILITY CERTIFICATE
THIS IS TO CERTIFY THAT SEISMIC LOADS HAVE BEEN TAKEN UNDER CONSIDERATION WHILE DESIGNING THE STRUCTURE OF THIS BUILDING.
THE DESIGN HAS BEEN DONE AS PER IS 1803/1984 & IS 4326/1983.

CONSULTING ARCHITECT:
anilpa architects
304 Anand Complex, 189 Road
Ranchi - 834001 (Jharkhand)
Ph: 9611-2121741
Email: anilpaarchitect@gmail.com

SHEET TITLE: FACTORY LAYOUT

SCALE: 1:100/1:200

DRG. NO: 2/2

SIGNATURE OF ARCHITECT: _____

SIGNATURE OF OWNER: _____

PROPOSED FACTORY for:
MS KISHOR EXPORTS on
PLOT NO.- 2061, SUB PLOT NO.- E, F & G,
KHATA NO.- 112, THANA NO.- 11
MAIZA - KULRI VILLAGE - KULRI
THANA - ORMANJHIL, DIST.- RANCHI, (JHARKHAND)

FOUNDATION DETAILS (ISOLATED R.C.C. FOOTING)
N.T.S.

SHADE DRAWING

DETAILS OF RECHARGE BOREWELL
N.T.S.

SECTION - AA

SECTION - BB

DETAILS OF DRAIN ASSEMBLIES

LOCATION PLAN
SCALE- N.T.S.

KEY PLAN (N.T.S.)

VILLAGE MAP (N.T.S.)

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AREA STATEMENT
TOTAL PLOT AREA = 65490+195 = 380 DECIMAL (1.380 ACRE)
= 15,374.80 SQ.M.
GROUND FLOOR AREA = 2,132.30 SQ.M.
MEZZANINE AREA = 305.52 SQ.M.
TOTAL BUILT UP AREA = 2,437.82 SQ.M.
GROUND COVERAGE = 2,132.30/15,374.80X100 = 13.86 %
F.A.R = 2.498.13/15,374.80 = 0.16

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