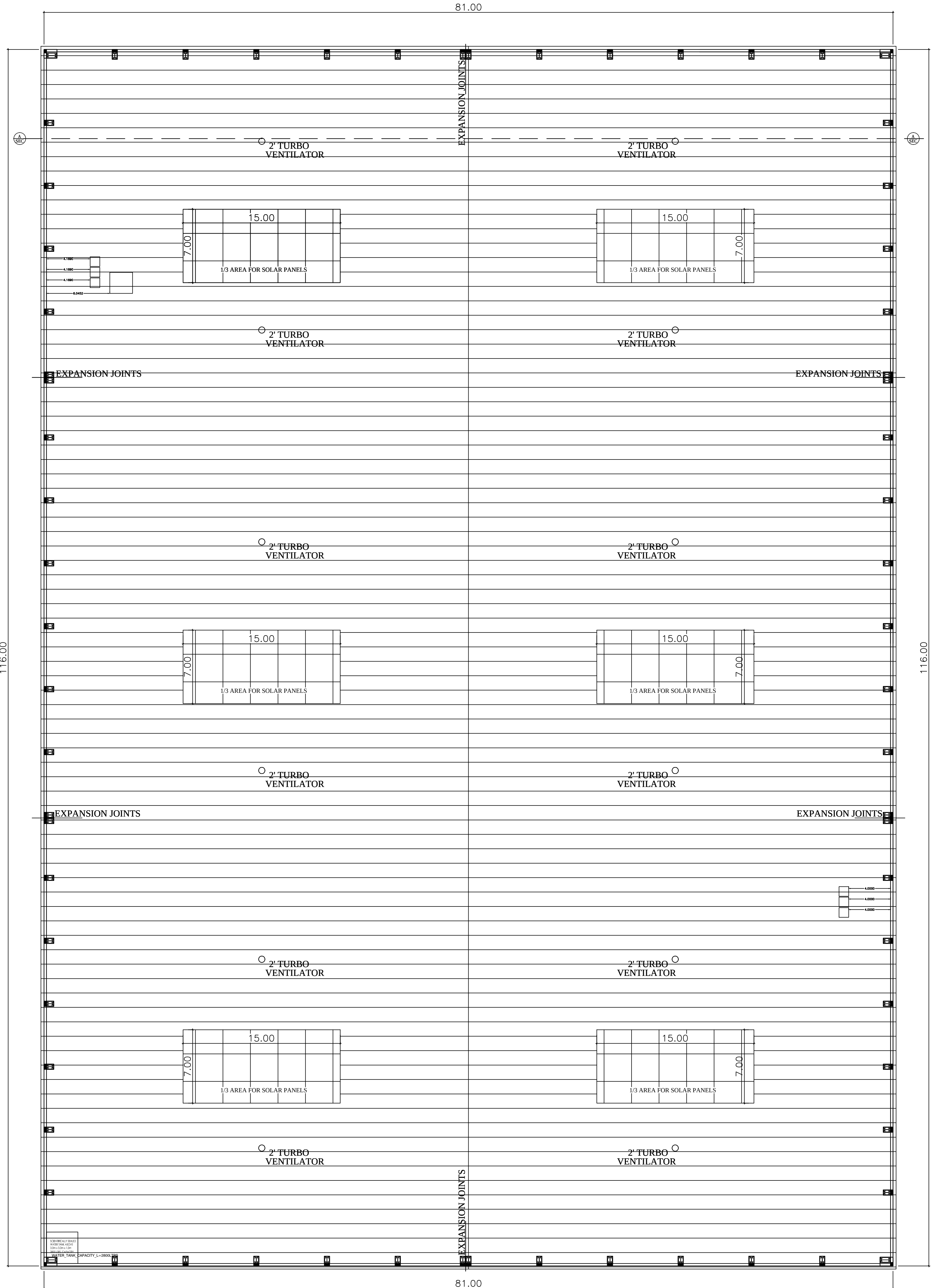


SECTION ON AA



ROOF PLAN

SHEET NO : 3/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF CARD BOARD BOX FACTORY BUILDING IN S.NOs : 1232,1233/1A,1B,2,3,4 1234/1,2 1235/1,2,3 1236/1,2 OF USSAINNAGARAM VILLAGE, MAPPEDU PANCHAYAT, KADAMBATHUR UNION, THIRUVALLUR TALUK AND DISTRICT.

SCHEDULE OF JOINERY			
RS	ROLLING SHUTTER	3.50 X 3.00	
D1	DOOR	1.22 X 2.13	
D2	DOOR	0.76 X 2.13	
W	WINDOW	3.50 X 1.82	
V	VENTILATOR	3.50 X 1.82	
V1	VENTILATOR	0.91 X 0.60	

DESCRIPTION	F.S.I AREA (SQM)	NON F.S.I AREA (SQM)	TOTAL (SQM)
FACTORY BUILDING			
GROUND FLOOR AREA	9396.00	----	9396.00
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	9396.00	6.00	9402.00

MANUFACTURING DETAILS
CATAGORY OF INDUSTRY : GREEN
MANUFACTURING TYPE : CARD BOARD BOX

WORKER'S DETAILS
NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	--	2	--
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL
NO OF WORKERS - MALE : 10 Nos
NO OF WORKERS - FEMALE : 05 Nos
TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos
WATER CONSUMPTION @ 80 Lit /Person/day
TOTAL CONSUMPTION (15 X 80) : 1200 Lits
NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2' DIA.
TURBO VENTILATOR WORKED BY ELECTRICAL .

REF.	NAME OF MACHINERY	QTY	H.P.
1.	GRINDING	1	10
2.	MIXING	1	10
3.	LAHTE	1	10
4.	LIGHTING	1	10
5.	WATER PUMP	1	3
6.	OFFICE A/C	1	2

TOTAL H.P. 45

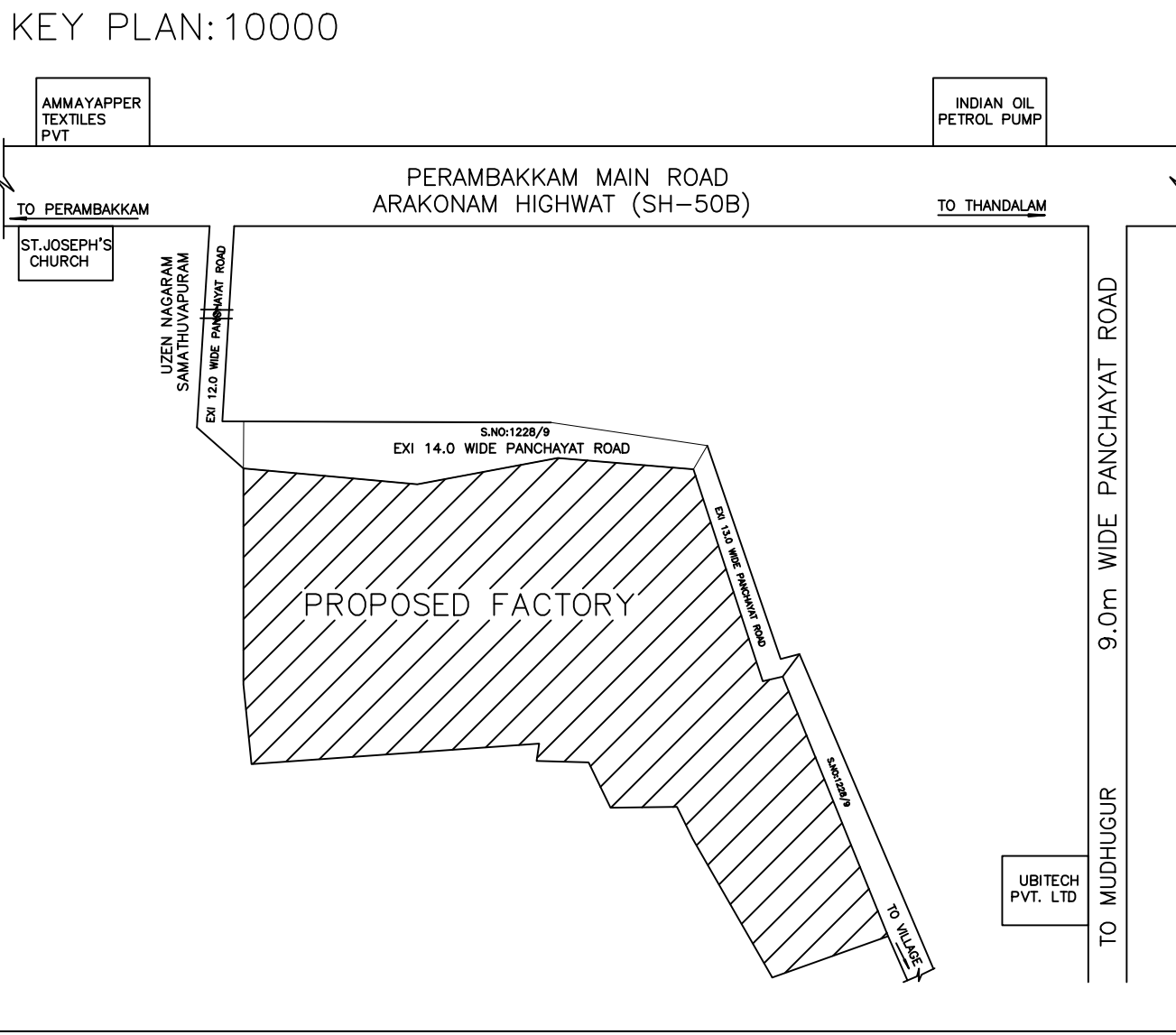
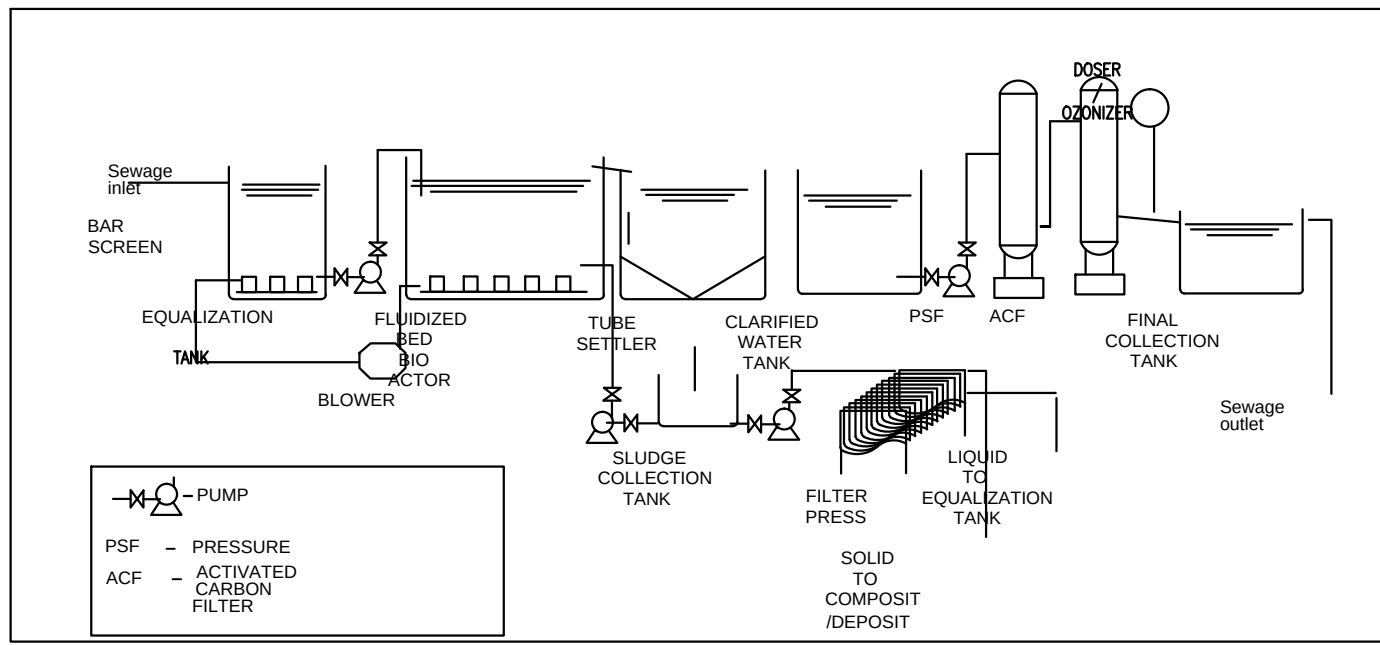
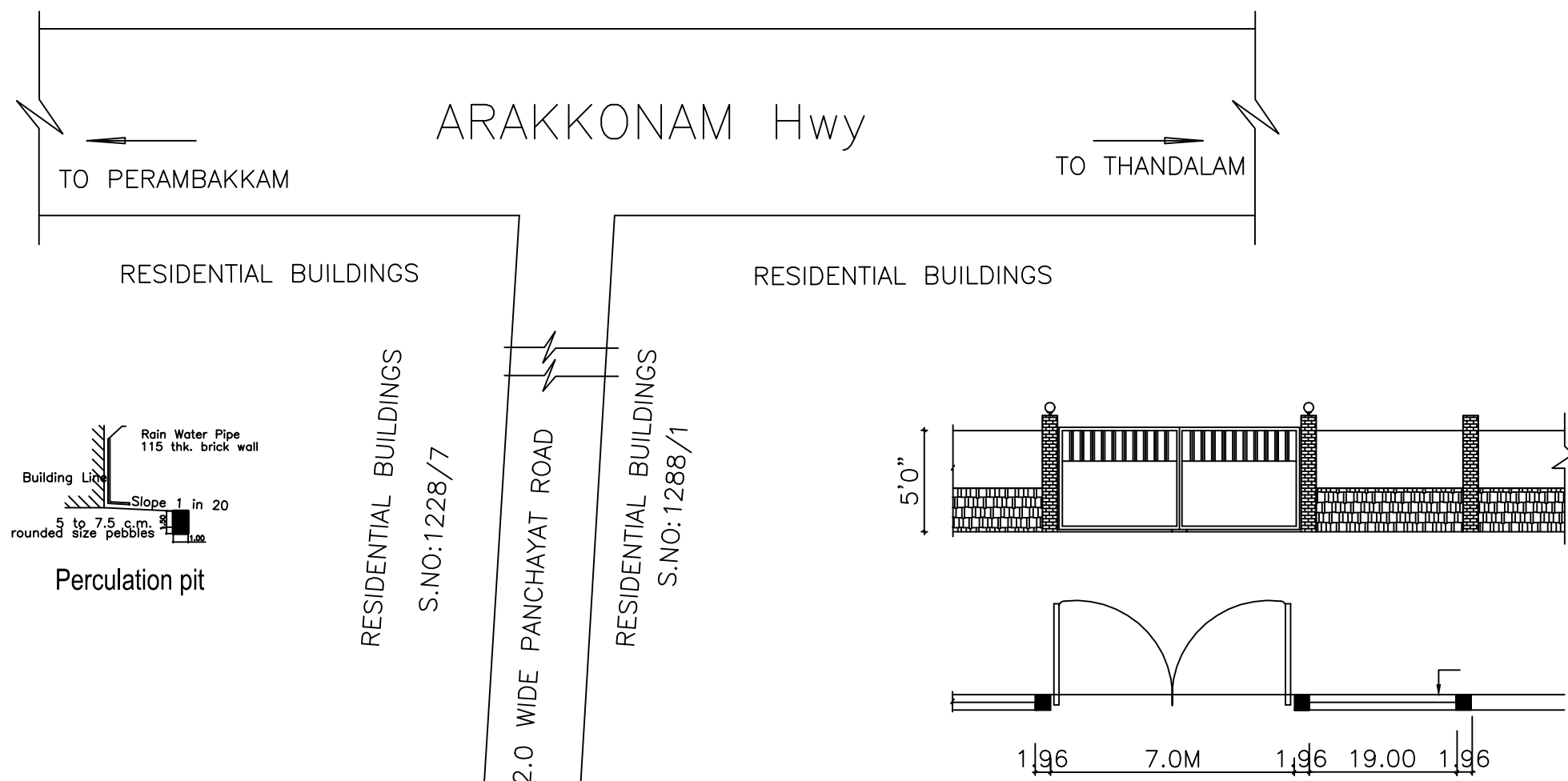
SPECIFICATION:
SUPER STRUCTURE : 9"TK B.W IN C.M 1:5
FOUNDATION : RCC COLUMN FOUNDATION
SLAB : RCC 1:2:4 4.5"TK
BEAM LINTEL SUNSHADE : RCC 1:2:4
WEATHERING COURSEIVE WITH PRESSED TILES
ELECTRIFICATION WORK CONCEALED WIRING
WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=16' [1:200]	COLOR INDEX
	SITE BOUNDARY
	EXISTING ROAD
	PROPOSED BUILDING

SIGNATURE OF THE APPLICANT

STRUCTURAL ENGINEER

P. MARIAPPAN, B.E., MEE.,
Consulting Civil & Structural Engineer,
Registered Engineer,
Gujarat & Tamil Nadu / P.E. / 1985 / 1987 / 1988
CEN : 10641290750
ARCHITECT / ENGINEER



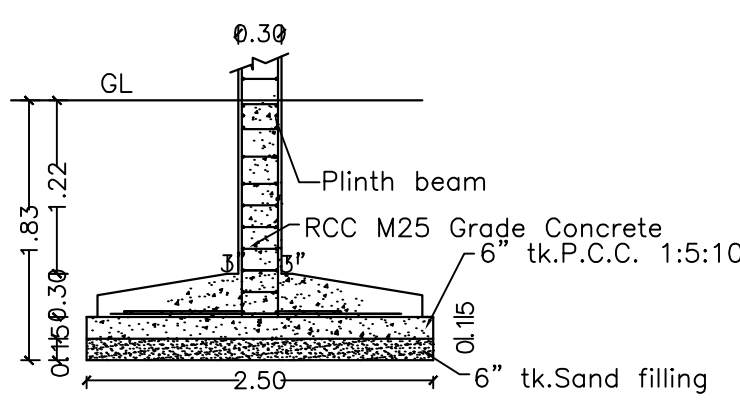
SHEET NO : 1/3

PLAN SHOWING THE PROPOSED CONSTRUCTION OF CARD BOARD BOX FACTORY BUILDING IN S.NOS : 1232,1233/1A,1B,2,3,4 1234/1,2 1235/1,2,3 1236/1,2 OF USSAINNAGARAM VILLAGE, MAPPEDU PANCHAYAT, KADAMBATHUR UNION, THIRUVALLUR TALUK AND DISTRICT.

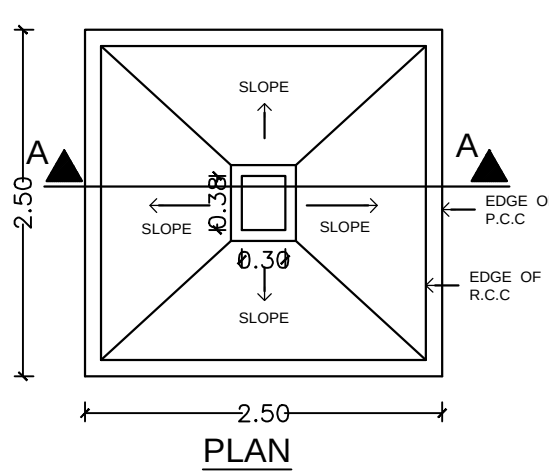
AREA STATEMENT	F.S.I (SQM)	NON F.S.I (SQM)	TOTAL AREA (SQM)
TOTAL SITE AREA (AS PER PATTA)	44250.00		
FACTORY BUILDING			
GROUND FLOOR AREA	9396.00	-----	9396.00
SECURITY ROOM (NON FSI)	-----	6.00	6.00
TOTAL BUILTUP AREA	9396.00	6.00	9402.00

REFERENCE		
DESCRIPTION	CALCULATION	PROPOSED
PLOT COVERAGE	$\frac{9396.00}{44250.00} \times 100$	21.23%
FLOOR AREA RATIO	$\frac{9396.00}{44250.00}$	0.212
OSR AREA	4425.0 SQM (10.0%)	4439.76 SQM (10.03%)

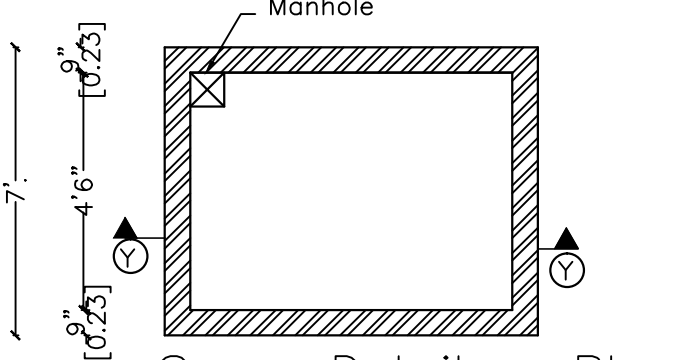
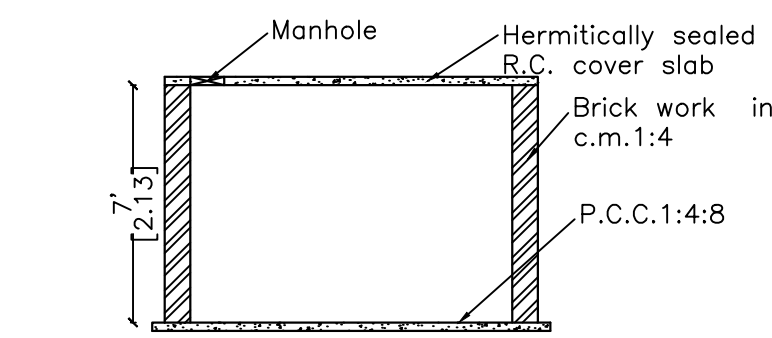
DESCRIPTION	REQUIRED	PROPOSED
PARKING AREA	LORRYS : 19 nos	20 nos
	TWO WHEELER : 188 nos	200 nos
	CYCLE : 188 sqm	200 sqm



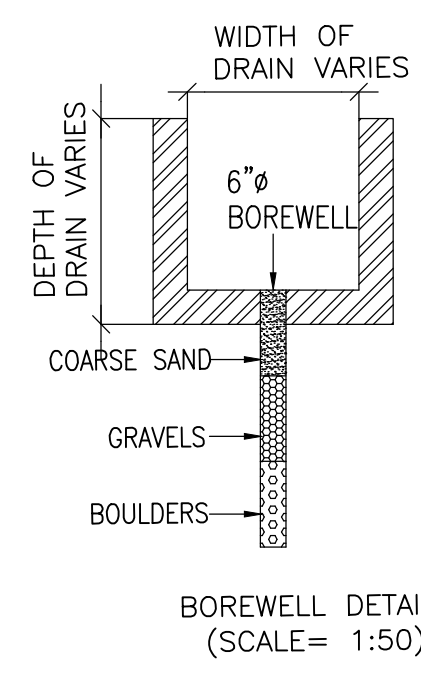
SECTION - 'AA'
As per design



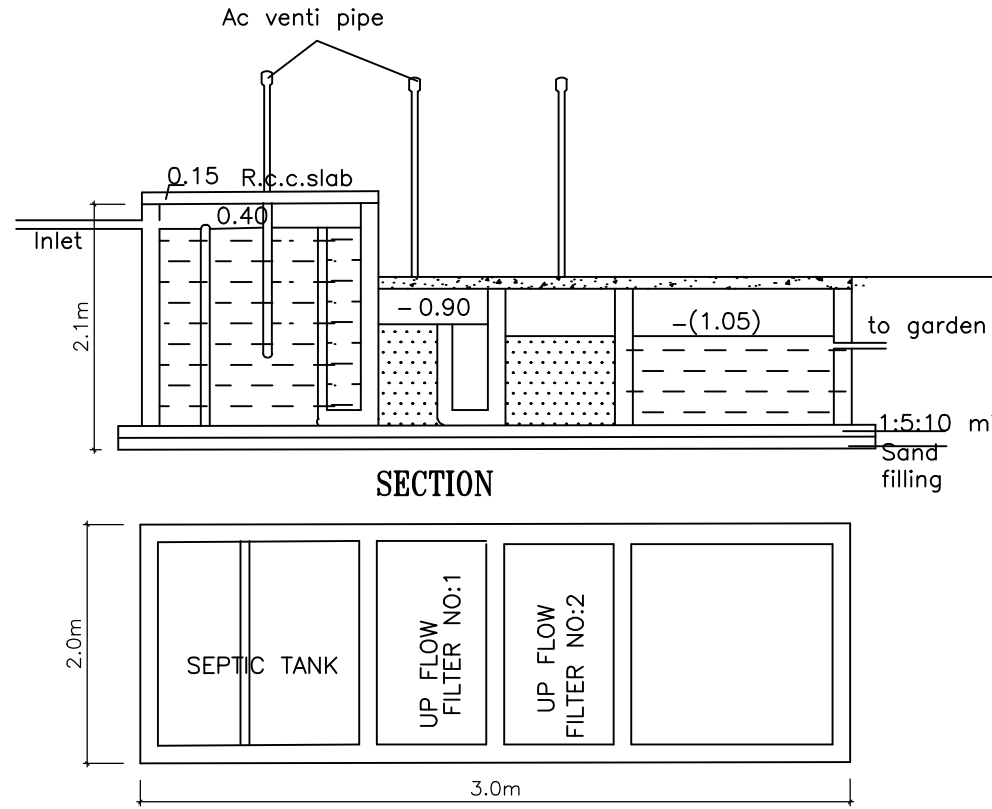
As per design
Typical Column Foundation Detail
As per design



Sump Detail - Plan
Scale -1:50



BOREWELL DETAIL
(SCALE= 1:50)



PLAN
DETAILS OF SEPTIC TANK
SCALE 1:50

MANUFACTURING DETAILS

CATEGORY OF INDUSTRY : GREEN

MANUFACTURING TYPE : CARD BOARD BOX

WORKER'S DETAILS

NO OF WORKERS - MALE : 10 Nos

NO OF WORKERS - FEMALE : 05 Nos

DESCRIPTION	REQUIRED		PROVIDED	
	MALE	FEMALE	MALE	FEMALE
WC	1	1	1	1
URINAL	1	-	2	-
WASH BASIN	1	1	1	1
DRINKER WATER FOUNTAINS	1	1	1	1
EMERGENCY FOUNTAINS	1	1	1	1

SOLAR HOT WATER SYSTEM DETAIL

NO OF WORKERS - MALE : 10 Nos

NO OF WORKERS - FEMALE : 05 Nos

TOTAL NO OF WORKERS (10+5 = 15) : 15 Nos

WATER CONSUMPTION @ 80 Lit /Person/day

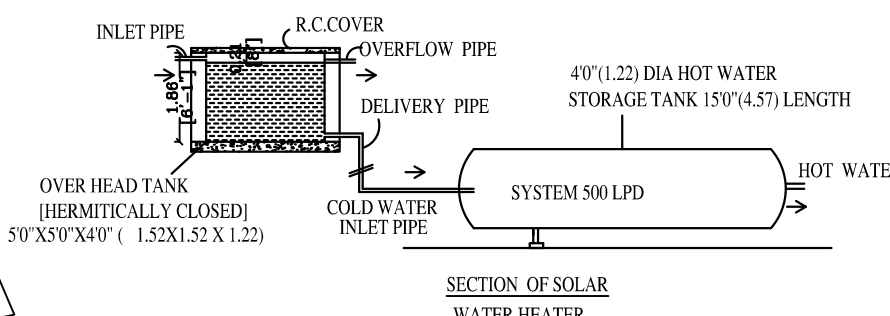
TOTAL CONSUMPTION (15 X 80) : 1200 Lits

NO OF SWHS (2000 lit capacity) : 1 No

TURBO VENTILATOR SIZE : 2' DIA

TURBO VENTILATOR WORKED BY ELECTRICAL .

REF.	NAME OF MACHINERY	QTY	H.P.
1.	GRINDING	1	10
2.	MIXING	1	10
3.	LAHTE	1	10
4.	LIGHTING	1	10
5.	WATER PUMP	1	3
6.	OFFICE A/C	1	2
TOTAL H.P.			45



SECTION OF SOLAR WATER HEATER

SPECIFICATION:

SUPER STRUCTURE : 9"TK B.W IN C.M 1:5

FOUNDATION : RCC COLUMN FOUNDATION

SLAB : RCC 1:2:4 4.5"TK

BEAM LINTEL SUNSHADE : RCC 1:2:4

WEATHERING COURSE/VE WITH PRESSED TILES

ELECTRIFICATION WORK CANCELLED WIRING

WWT - WASTE WATER TANK
OHT - OVER HEAD TANK
RWH - RAIN WATER HARVESTING
SWHS - SOLAR WATER HEATING SYSTEM
FE - FIRE EXTINGUISHER
EA - EMERGENCY ALARM
SB - SAND BUCKET

SCALE : 1"=64'
[1:800]

N
E

COLOR INDEX

SITE BOUNDARY

EXISTING ROAD

PROPOSED BUILDING

SIGNATURE OF THE APPLICANT

STRUCTURAL ENGINEER

Dr. R. S. MARIAPPAN, B.E., MIE.,
Consulting Civil & Structural Engineer,
Registered Engineer
Guided - TVLR / RS / GR-1 / 2019 / 07 / 003
Cell : 9841299750
ARCHITECT / ENGINEER