



NAGAR PANCHAYAT MARO, DISTT- BEMETARA (C.G.)

75
आज़ादी का
अमृत महोत्सव



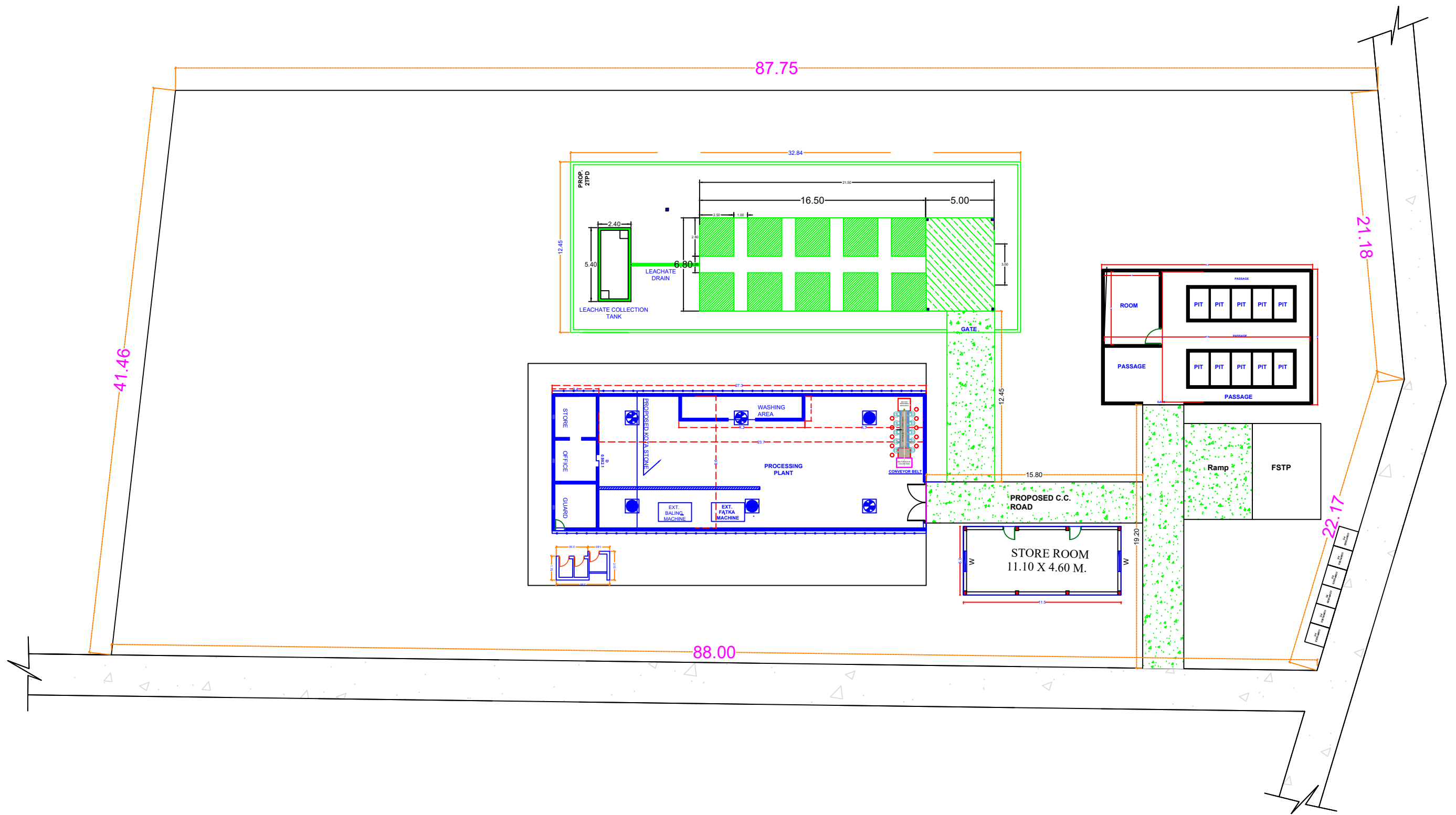
SWACHH BHARAT MISSION-URBAN 2.0

MINISTRY OF HOUSING AND URBAN AFFAIRS
GOVERNMENT OF INDIA



**NAGAR PANCHAYAT REPORT UNDER SBM 2.0 FOR SWM,
NAGAR PANCHAYAT MARO**

**WINDROW COMPOST PLANT
AT SUBHASH CHANDRA BOSE
WARD NO. - 3**



TITLE :-

**SITE PLAN OF WINDROW COMPOST
PLAN AND SLRM CENTER**

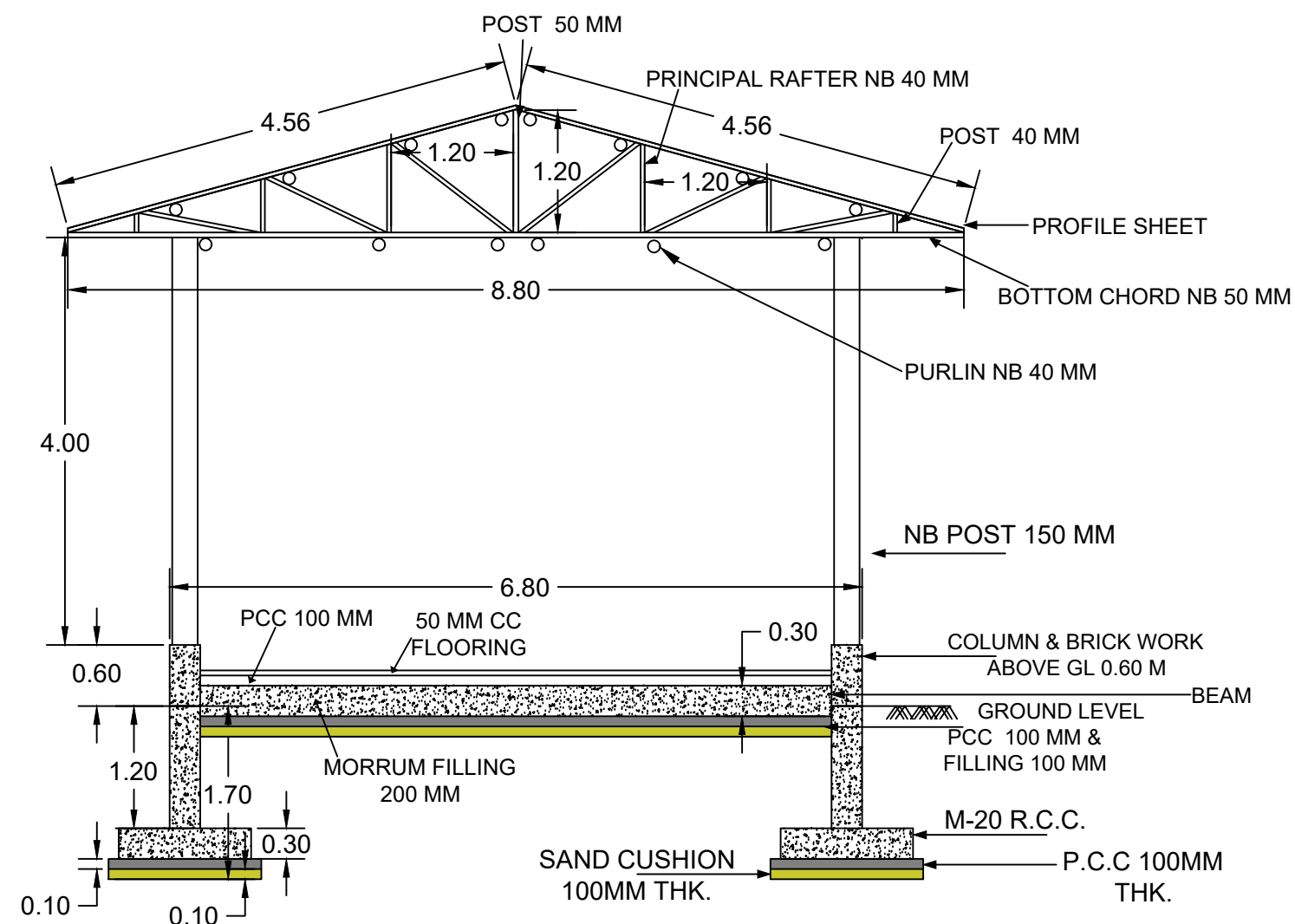
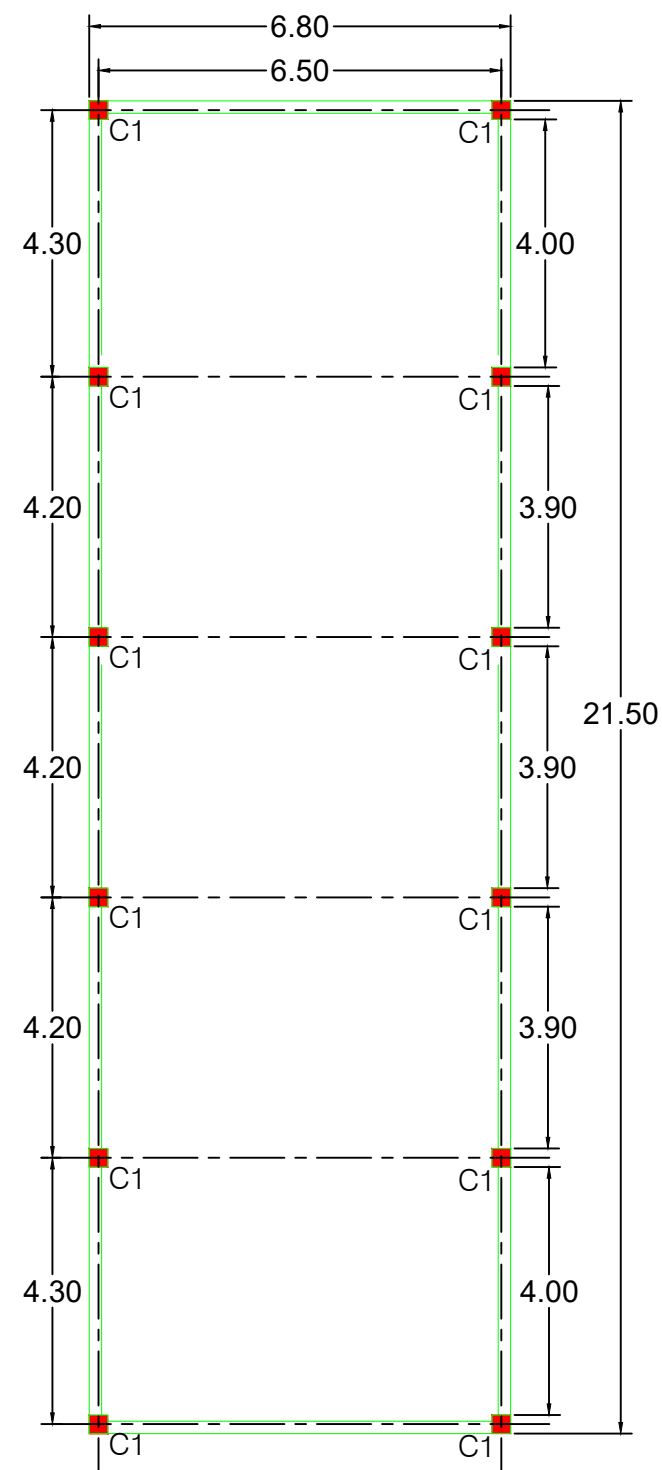
MARO, BEMETARA (C.G.)

A.R. CONSULTANCY

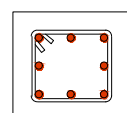
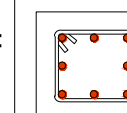
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



COLUMN DETAILS

COL. TYPE	COLUMN SECTION	
	UPTO PLINTH	ABOVE PLINTH
C1 300X300	 <p>MAIN BARS: 8NOS 12MM#</p> <p>RINGS: 8MM# 150C/C</p>	 <p>MAIN BARS: 8NOS 12MM#</p> <p>RINGS: 8MM# 150C/C</p>

TITLE :-

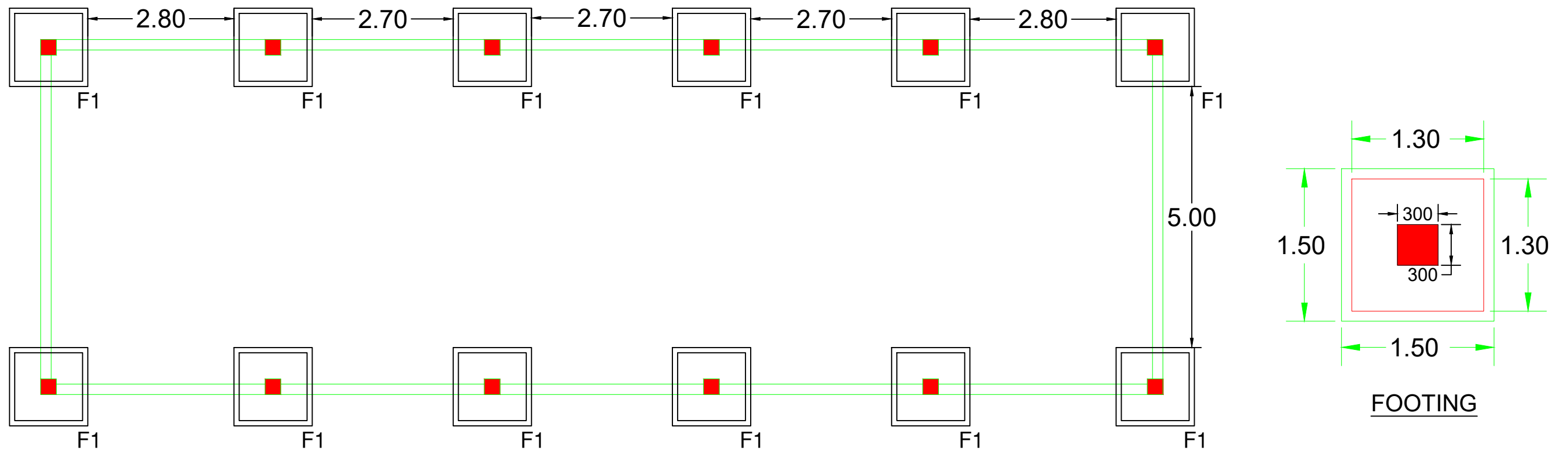
PLAN & COLUMN LAYOUT DETAILS OF
2 TPD WINDROW COMPOST PLANT

A.R. CONSULTANCY

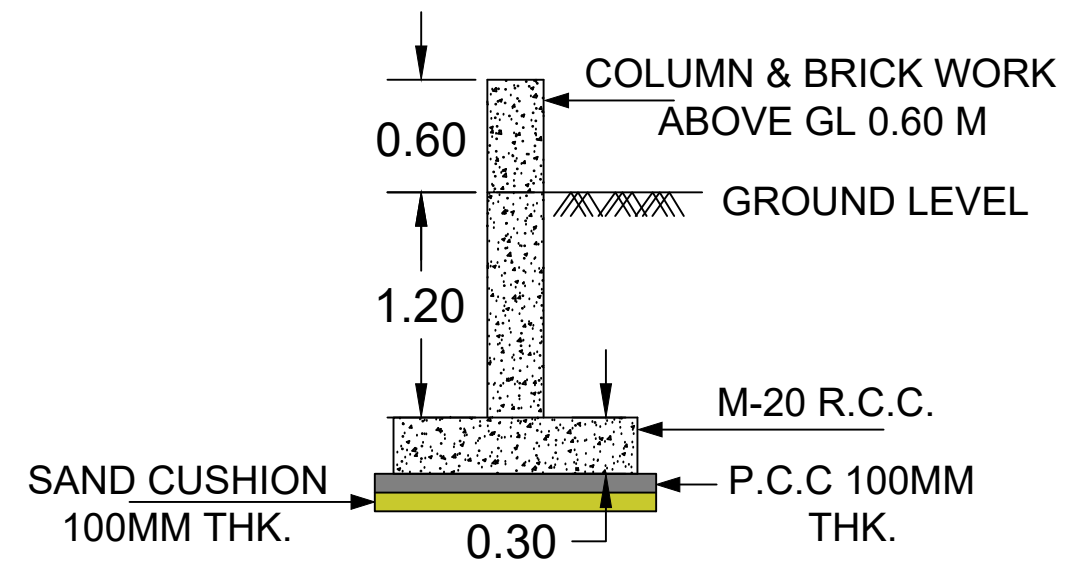
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



FOOTING DETAILS						
SN	FOOTING NO.	FOOTING DETAILS			REINFORCEMENT DETAILS	
		L	B	D	ALONG B	ALONG L
1	F1	1500	1500	1700	T12@150 C/C	T12@150 C/C



TITLE :-

PLAN & COLUMN LAYOUT DETAILS OF
2 TPD WINDROW COMPOST PLANT

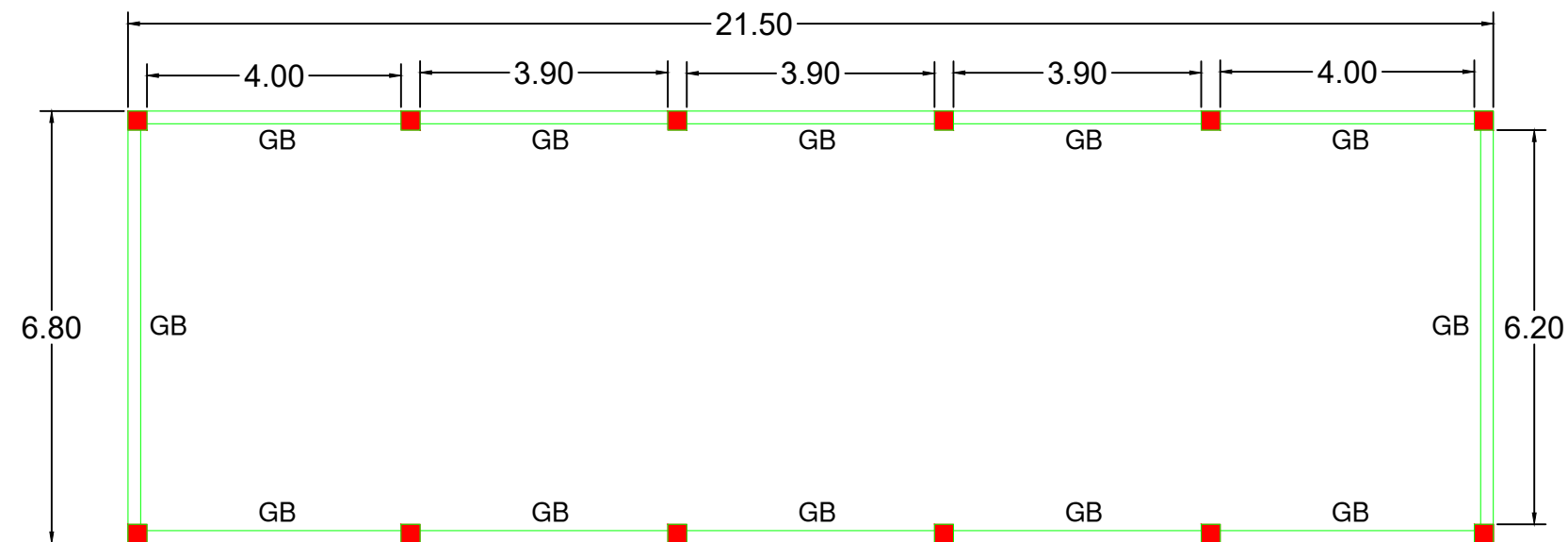
FOOTING DETAILS

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



GROUND BEAM SCHEDULE (M20:Fe500) (TYPICAL GROUND BEAM DETAILS) SEE FIG.-2

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	BOTTOM R/F (THRU.)	BOTTOM R/F EXTRA AT MID SPAN	TOP R/F (THRU.)	TOP EXTRA R/F AT LEFT SUPPORT	TOP EXTRA R/F AT RIGHT SUPPORT	LEFT	MID SPAN	RIGHT
GB	200	300	2-T12	1-T12	2-T12	1-T12	1-T12	2L-T8@150	2L-T8@150	2L-T8@150

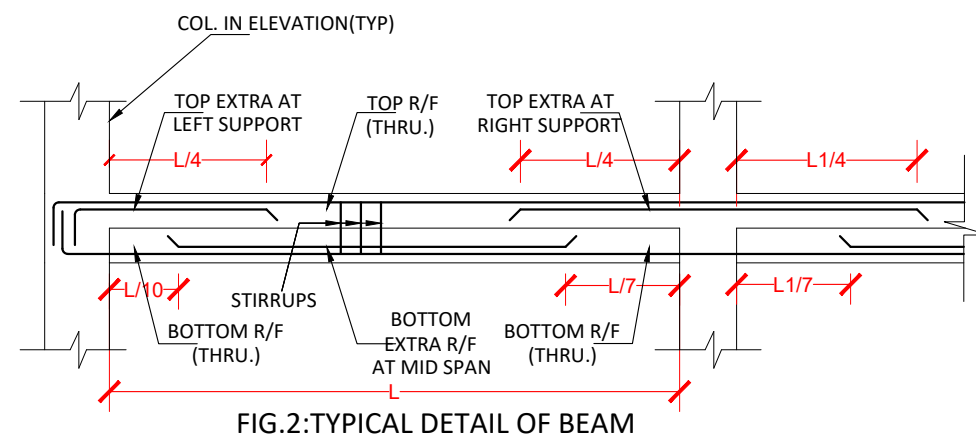


FIG.2:TYPICAL DETAIL OF BEAM

BELOW GROUND BEAM DETAILS

TITLE :-

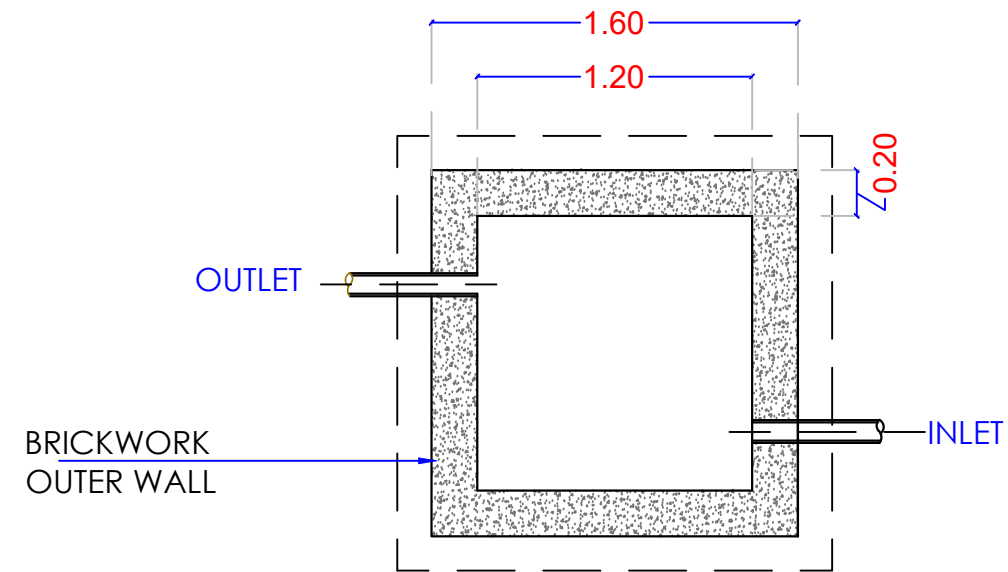
PLAN & COLUMN LAYOUT DETAILS OF
2 TPD WINDROW COMPOST PLANT

A.R. CONSULTANCY

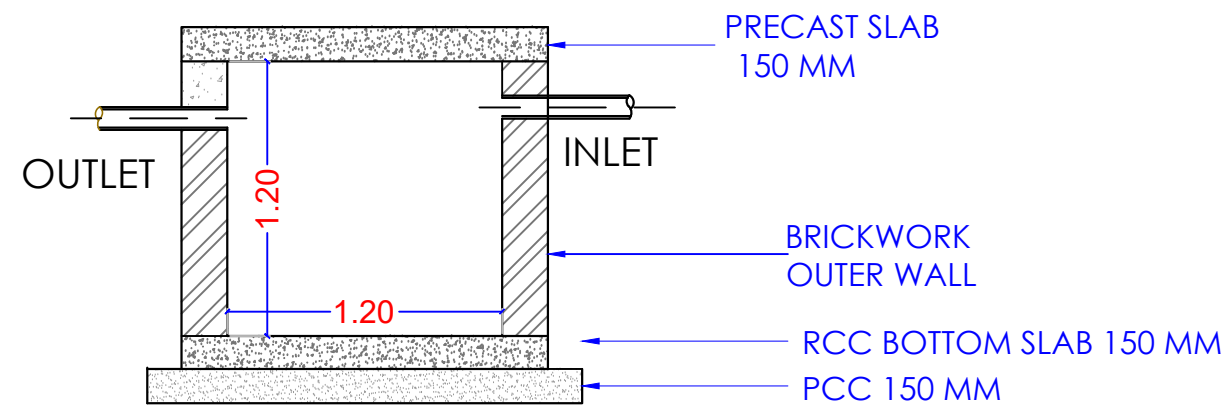
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



LEACHATE TANK PLAN
1.20 X 1.20 X 1.20 M



SECTION A-A'

TITLE :-

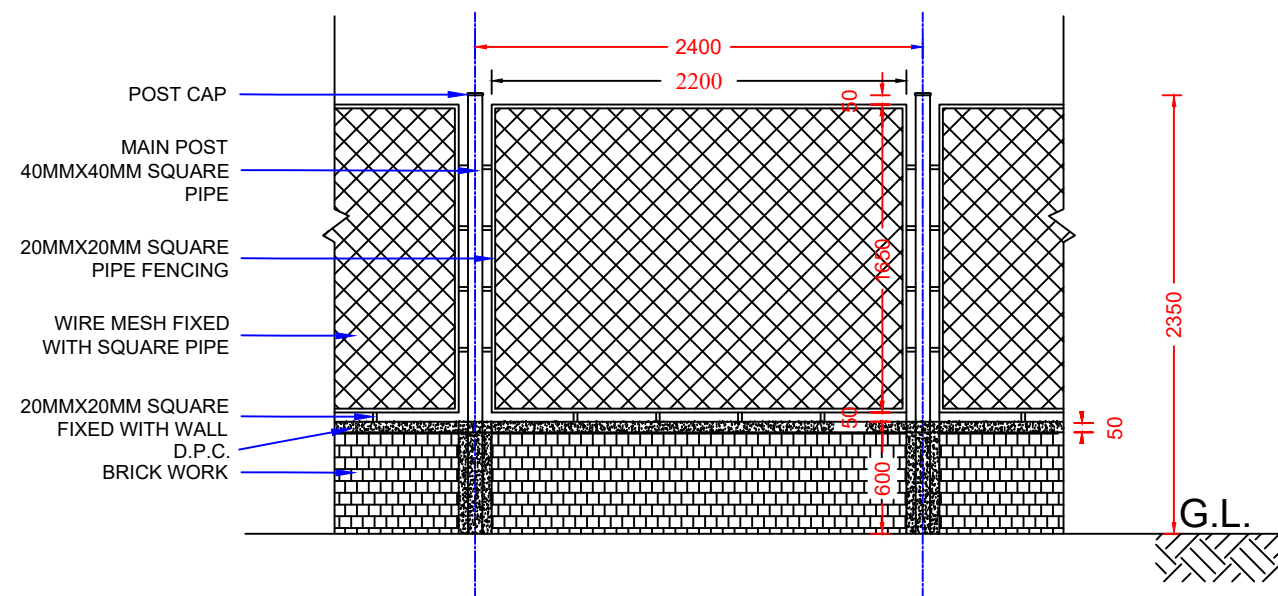
LEACHATE
COLLECTION TANK

A.R. CONSULTANCY

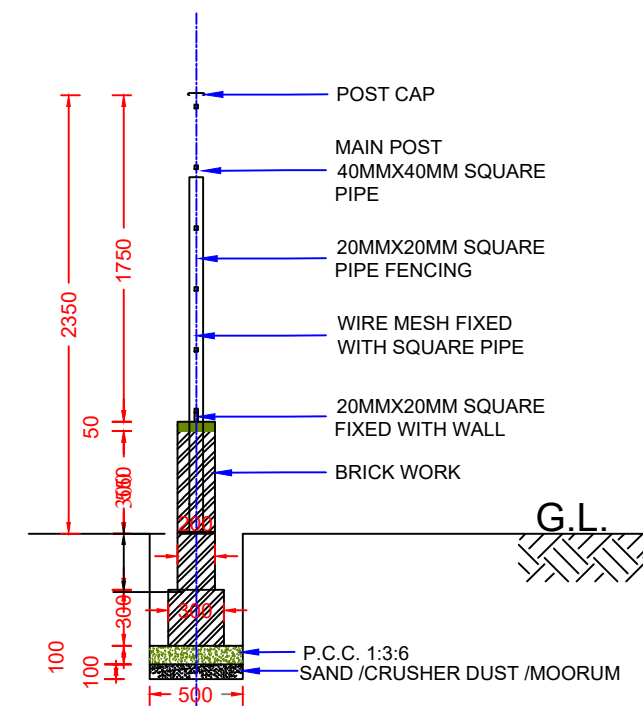
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

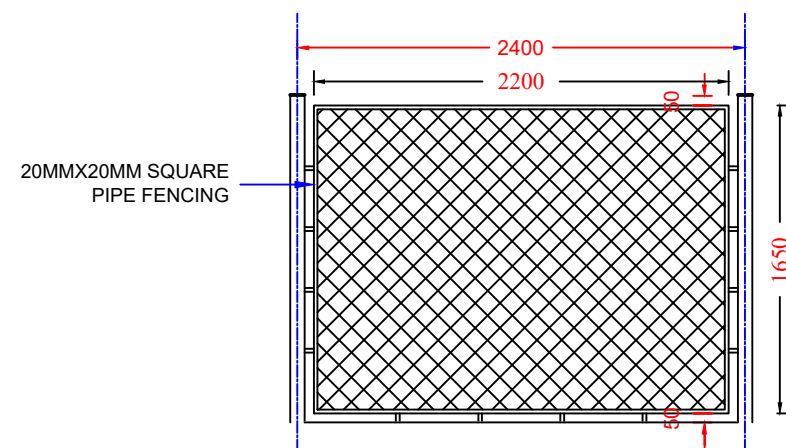
PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



TYPICAL ELEVATION OF FENCING



CROSS SECTION OF CHAIN LINK FENCING



TYPICAL PLAN OF FENCING

TITLE :-

BOUNDARY WALL FENCING

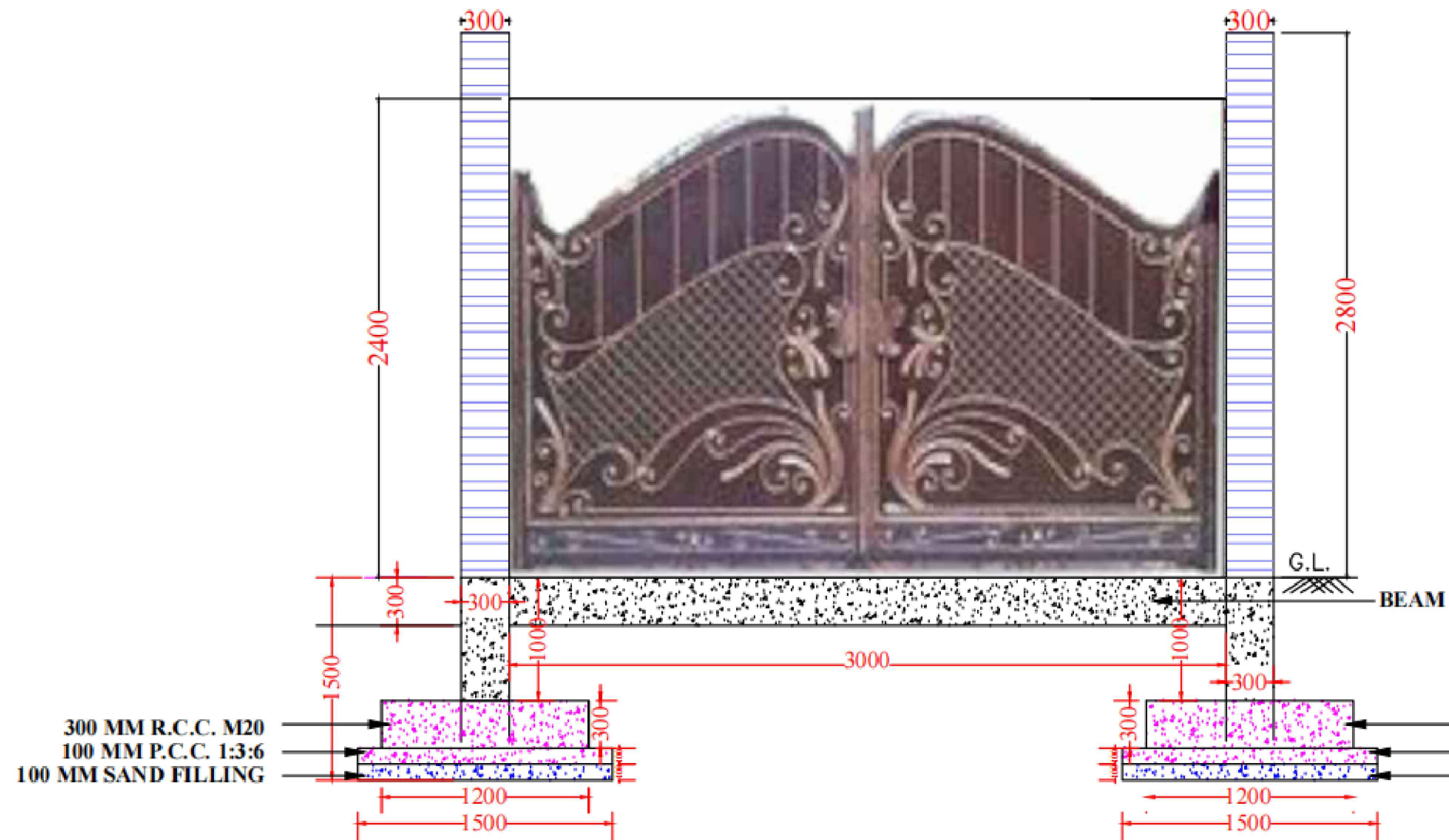
A.R. CONSULTANCY

Ar. AVINASH MARKAM

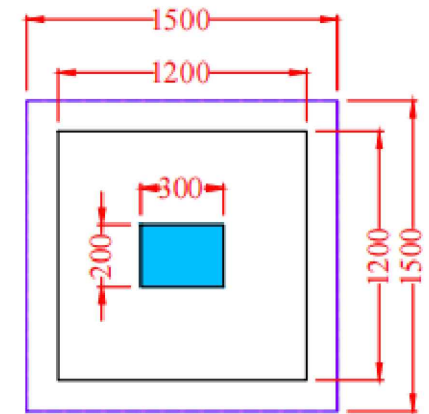
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



ELEVATION



**FOUNDATION
DRAWING**

TITLE :-

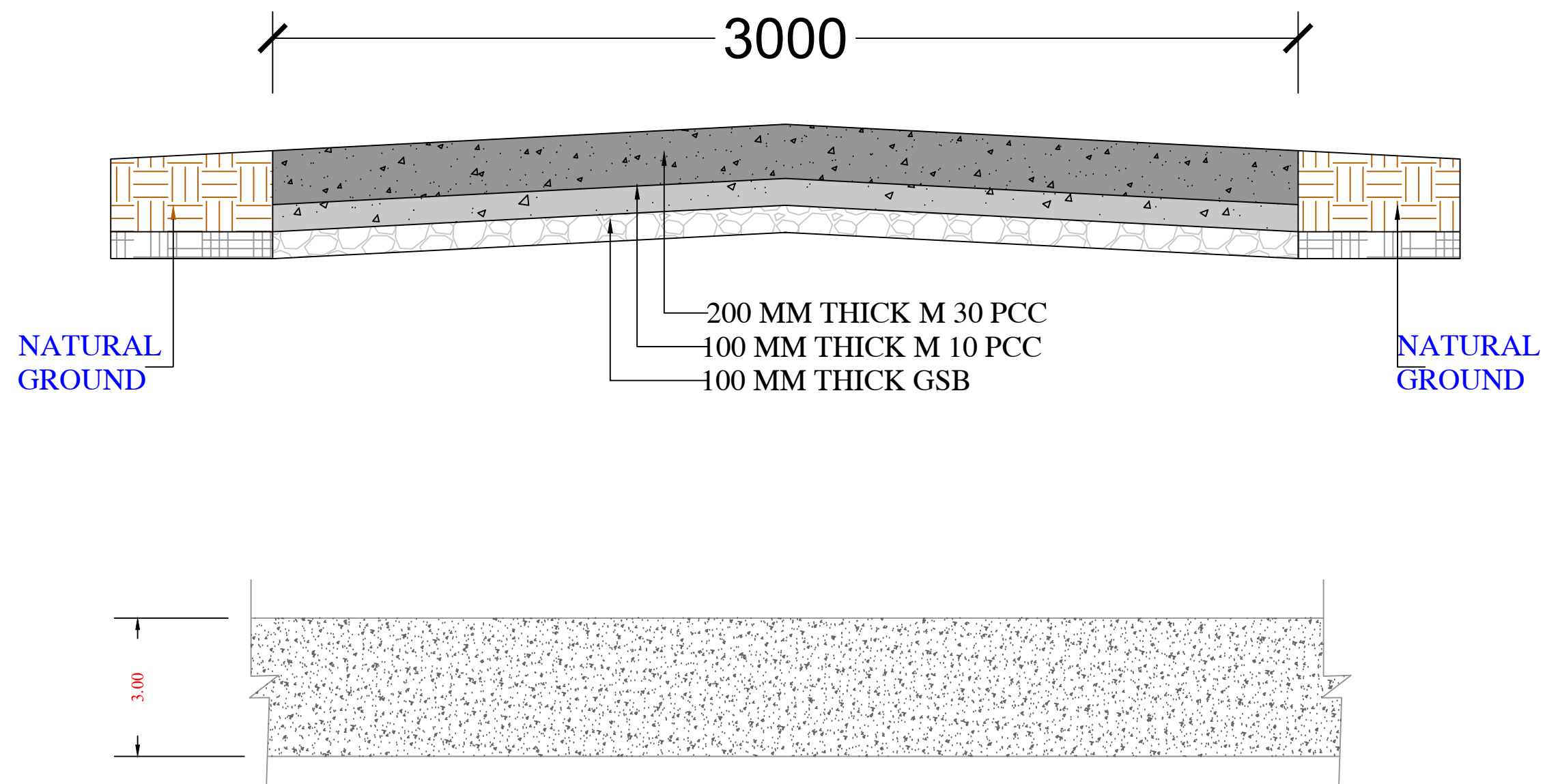
ENTRANCE GATE

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



TITLE :-

C. C. ROAD

A.R. CONSULTANCY

Ar. AVINASH MARKAM

Er. RAVIKANT DIXENA

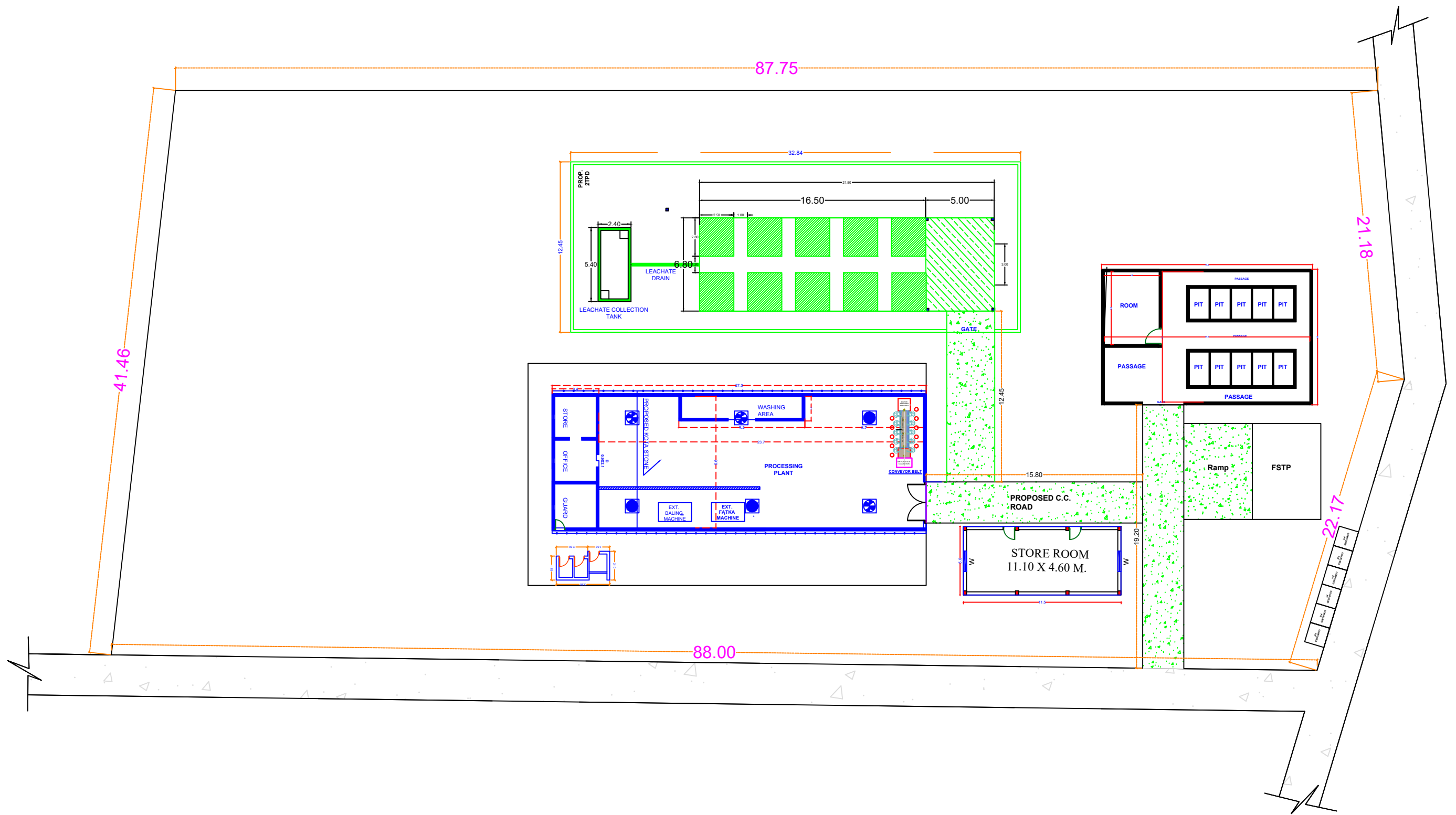
DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,

KORBA (C.G.) , 495677

PHONE - 8889203662

**SLRM CENTRE AT
SUBHASH CHANDRA BOSE
WARD NO. - 3**



TITLE :-

**SITE PLAN OF WINDROW COMPOST
PLAN AND SLRM CENTER**

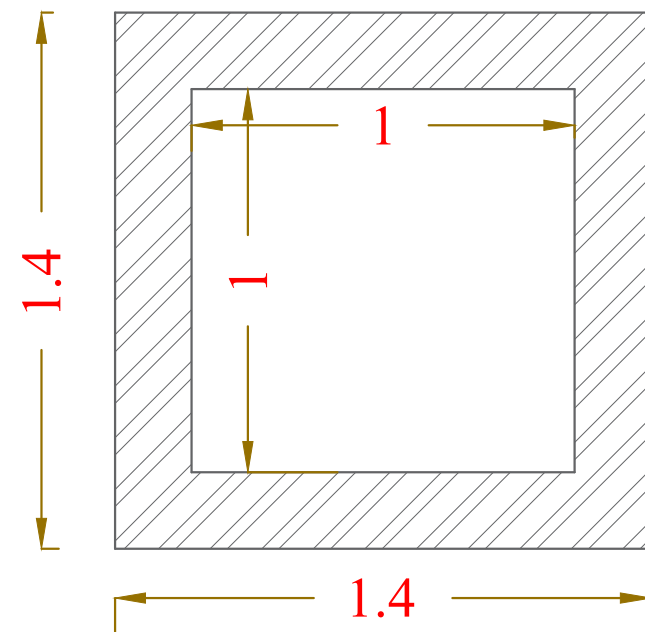
MARO, BEMETARA (C.G.)

A.R. CONSULTANCY

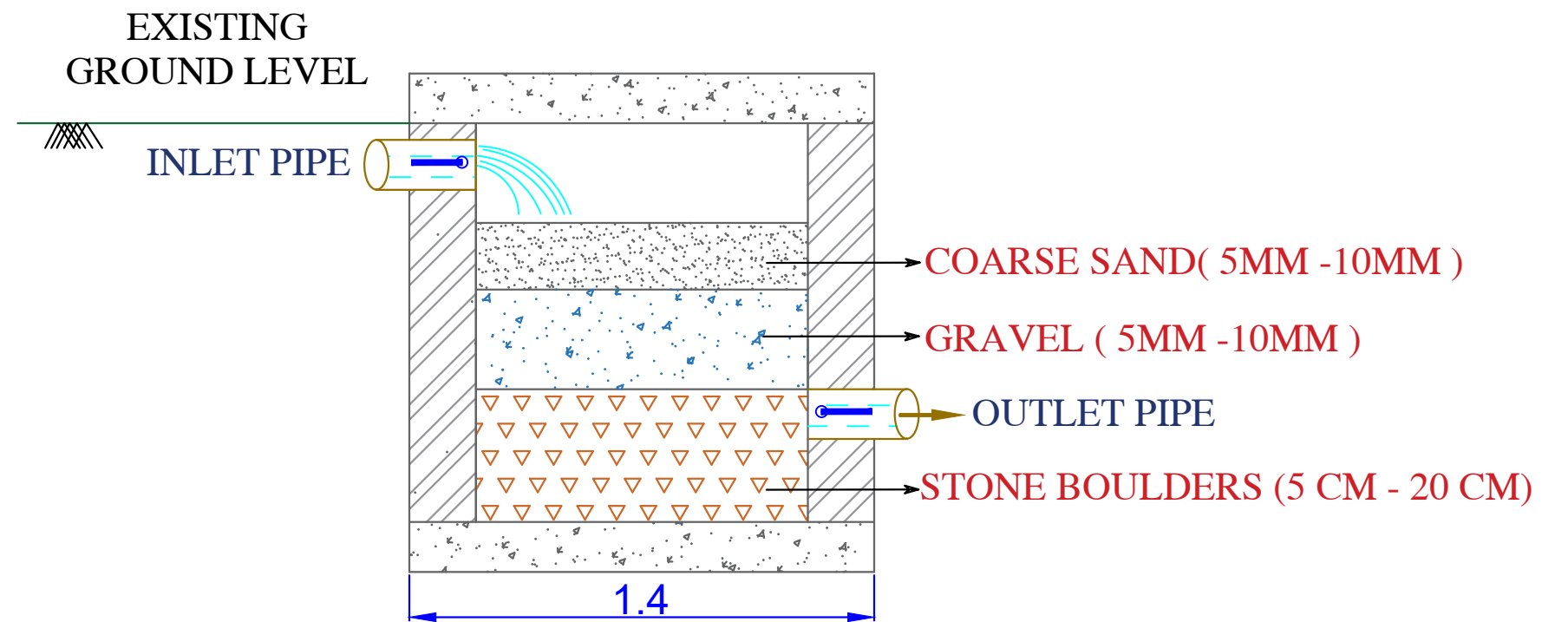
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



PLAN OF RAIN WATER HARVESTING



SECTION OF RAIN WATER HARVESTING

TITLE :-

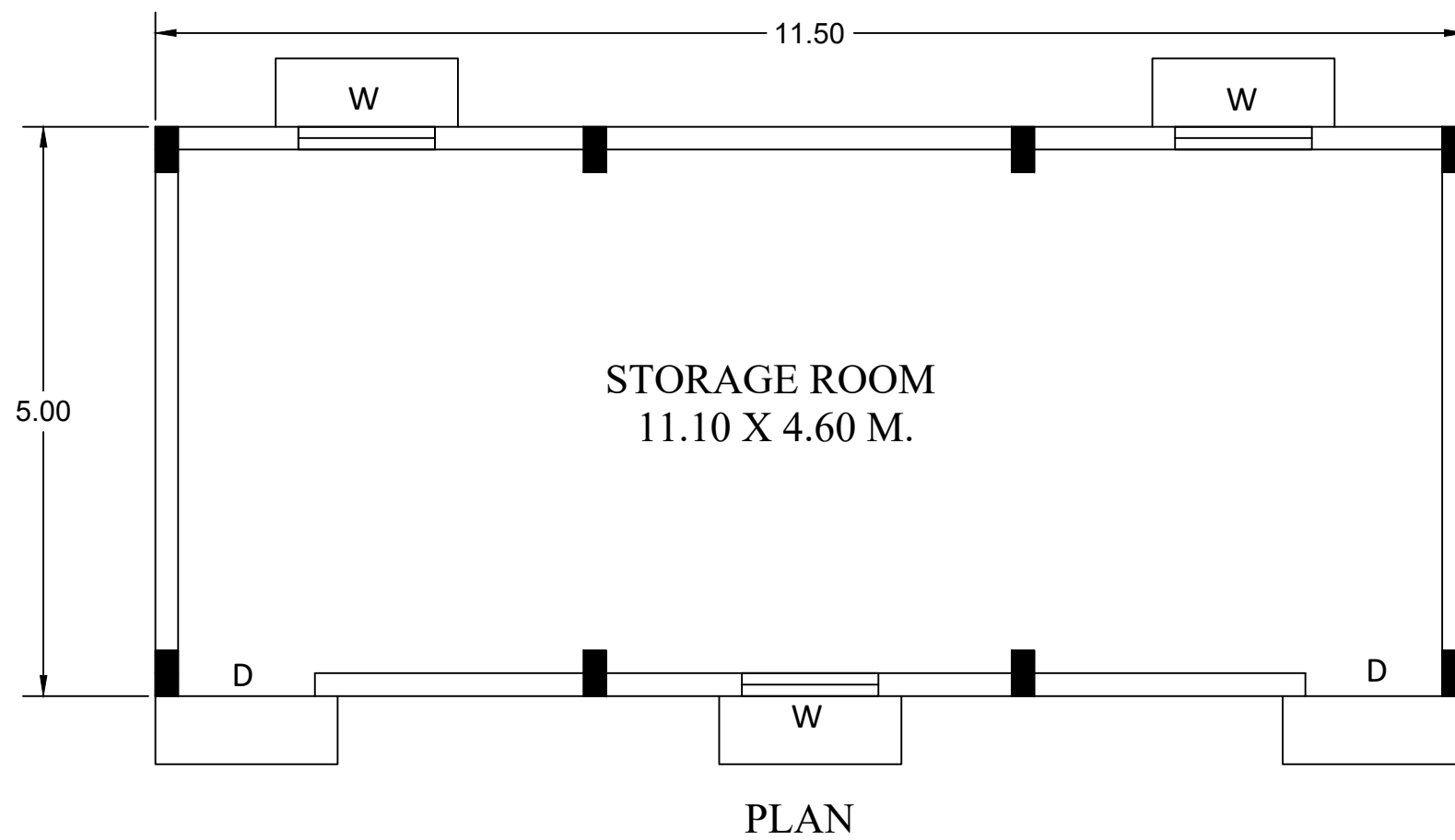
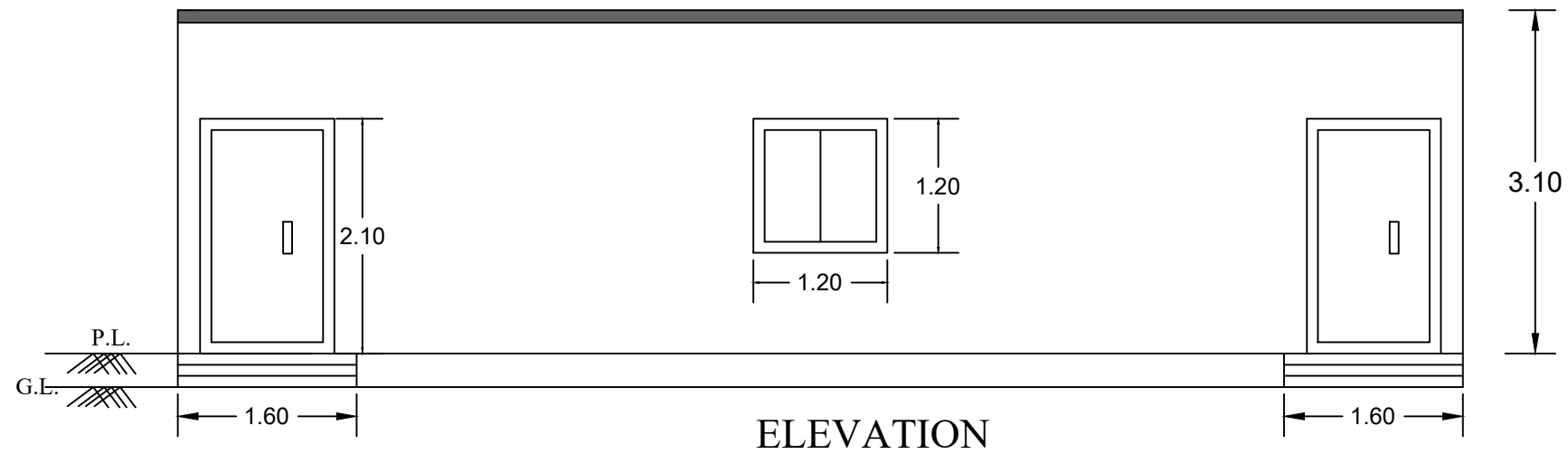
RAIN WATER HARVESTING

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



TITLE :-

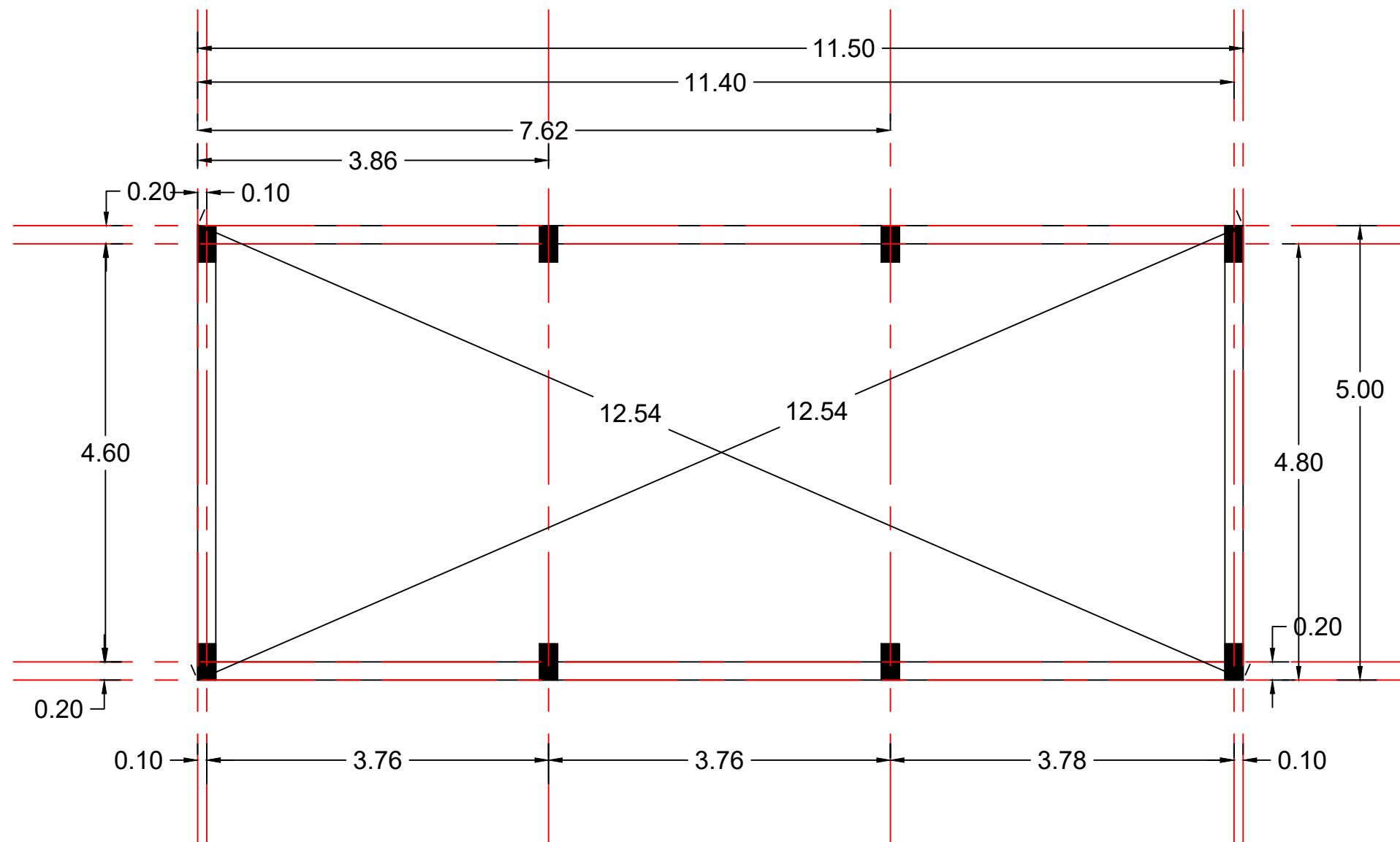
STORE ROOM
11.50 X 5.00 M


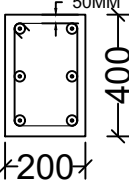
A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



UP TO GROUND FLOOR	M20 : Fe500 
	LINKS
	T8@150c/c
	 200X400
COLUMN SIZE	200X400
COLUMN MARKED	C1

CENTRE LINE PLAN

TITLE :-

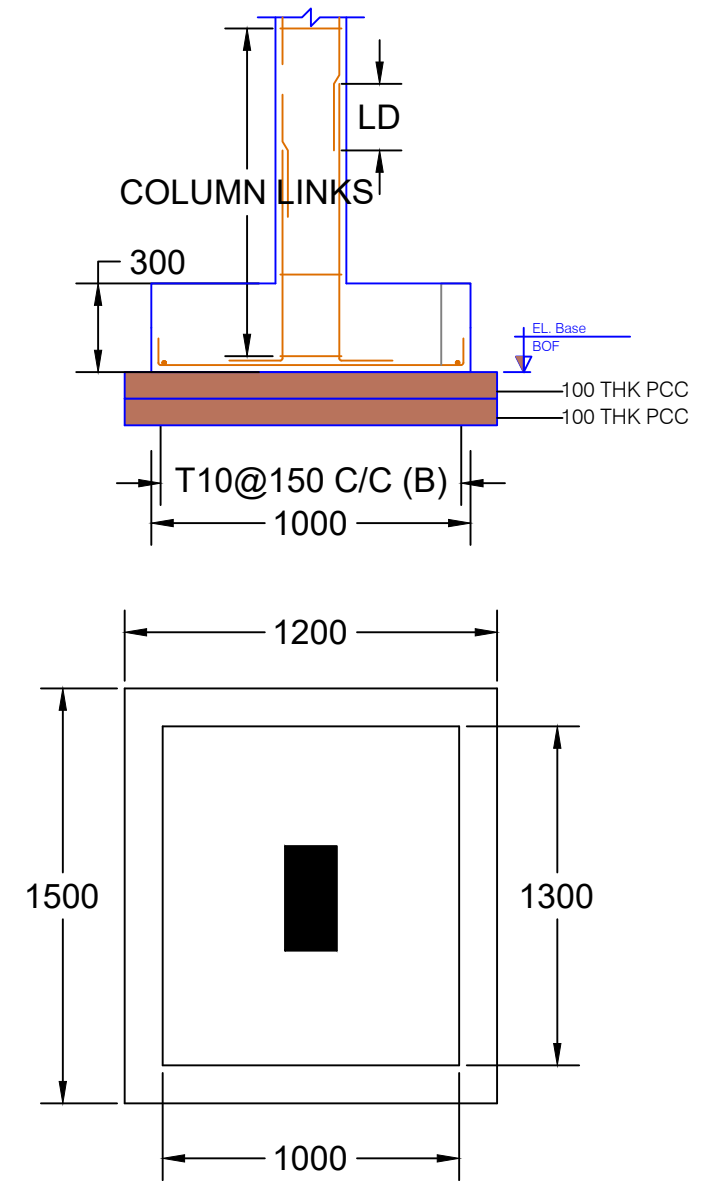
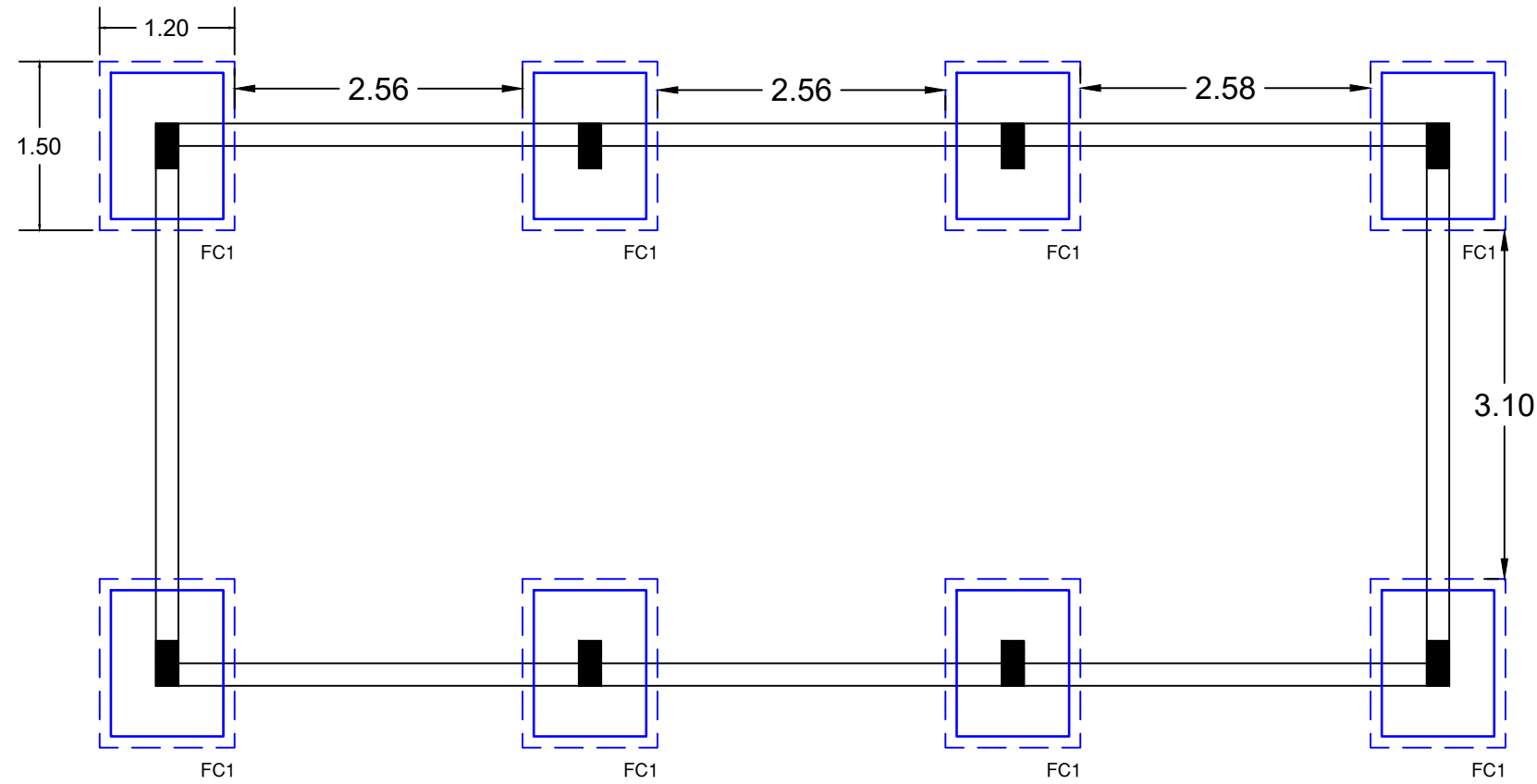
STORE ROOM
11.50 X 5.00 M

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



FOOTING DETAILS

COLUMN FOOTING SECTION 1-1
DETAIL OF FOOTING FC1

FOOTING SCHEDULE (M20:Fe500)

FOOTING NUMBERS	EXCAVATION SIZE			FOOTING DIMENSION			FOOTING REINFORCEMENT			
	L	B	D/H	L	B	D	BOTTOM		TOP	
							ALONG B	ALONG L	ALONG B	ALONG L
FC1	1.20	1.50	1.50	1.00	1.30	300	T10@150 C/C	T10@150 C/C	--	--

TITLE :-

STORE ROOM
11.50 X 5.00 M

A.R. CONSULTANCY

Ar. AVINASH MARKAM

Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,

KORBA (C.G.) , 495677

PHONE - 8889203662

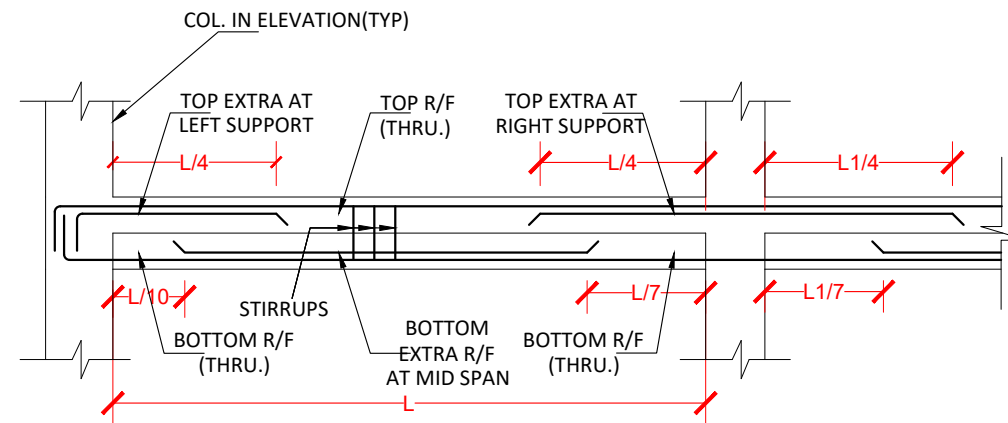
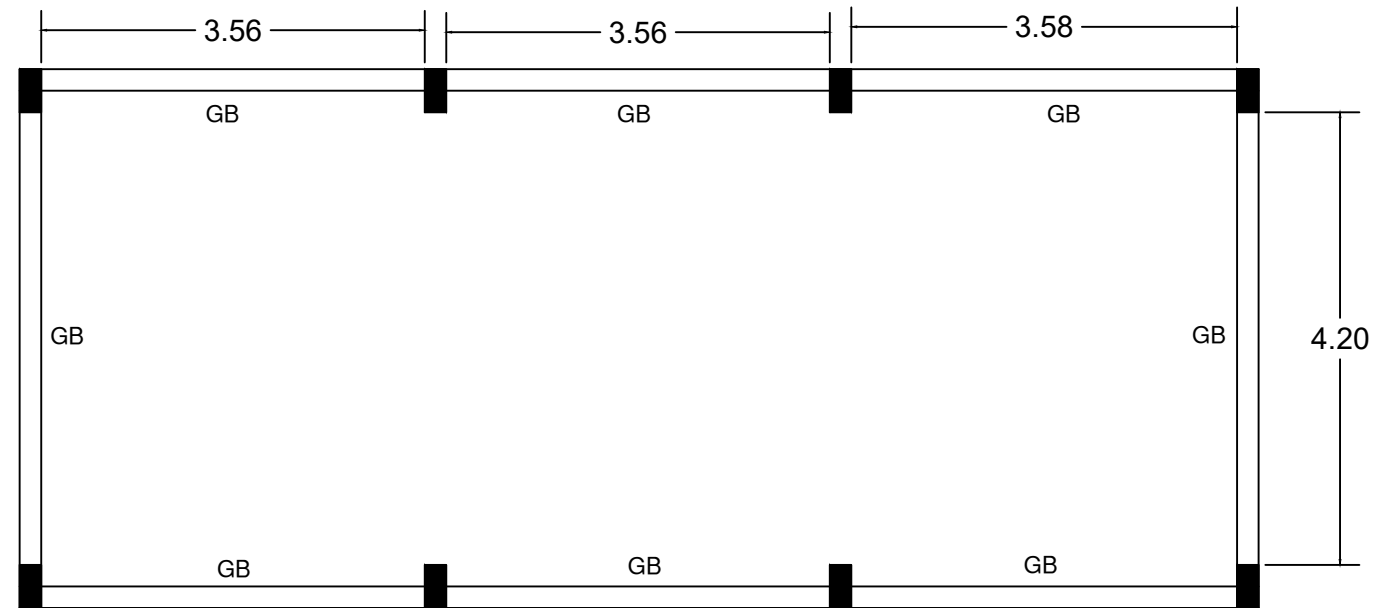


FIG.2:TYPICAL DETAIL OF BEAM

BEAM SCHEDULE (M20:Fe500) (TYPICAL GROUND BEAM DETAILS) SEE FIG.-2

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	BOTTOM R/F (THRU.)	BOTTOM R/F EXTRA AT MID SPAN	TOP R/F (THRU.)	TOP EXTRA R/F AT LEFT SUPPORT	TOP EXTRA R/F AT RIGHT SUPPORT	LEFT	MID SPAN	RIGHT
GB	200	300	2-T12	1-T12	2-T12	1-T12	1-T12	2L-T8@150	2L-T8@150	2L-T8@150

GROUND BEAM DETAILS

TITLE :-

STORE ROOM
11.50 X 5.00 M

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662

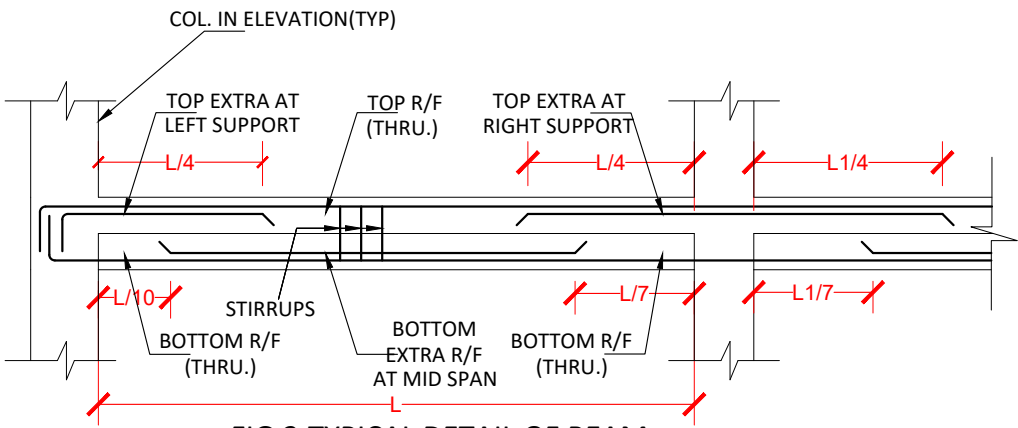
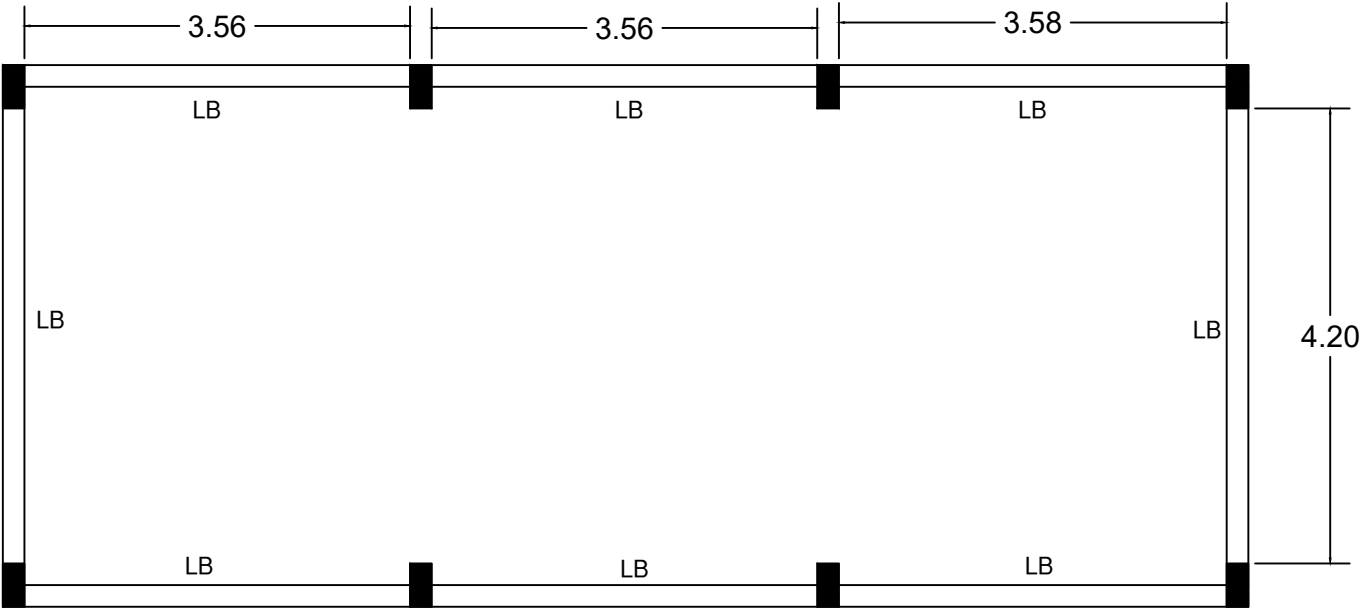


FIG.2:TYPICAL DETAIL OF BEAM

BEAM SCHEDULE (M20:Fe500) (TYPICAL LINTEL BEAM DETAILS) SEE FIG.-2

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	BOTTOM R/F (THRU.)	BOTTOM R/F EXTRA AT MID SPAN	TOP R/F (THRU.)	TOP EXTRA R/F AT LEFT SUPPORT	TOP EXTRA R/F AT RIGHT SUPPORT	LEFT	MID SPAN	RIGHT
LB	0.20	0.15	2-T12	-	2-T12	-	-	2L-T8@150	2L-T8@150	2L-T8@150

LINTEL BEAM DETAILS

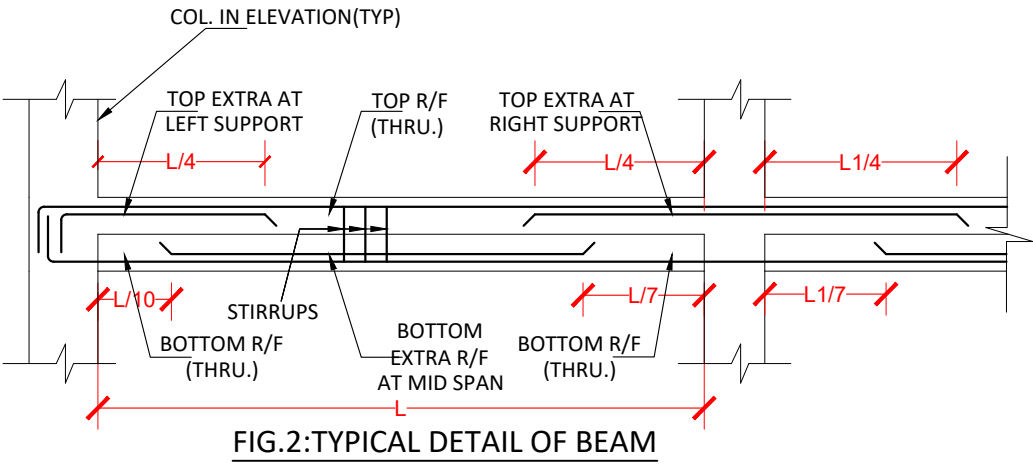
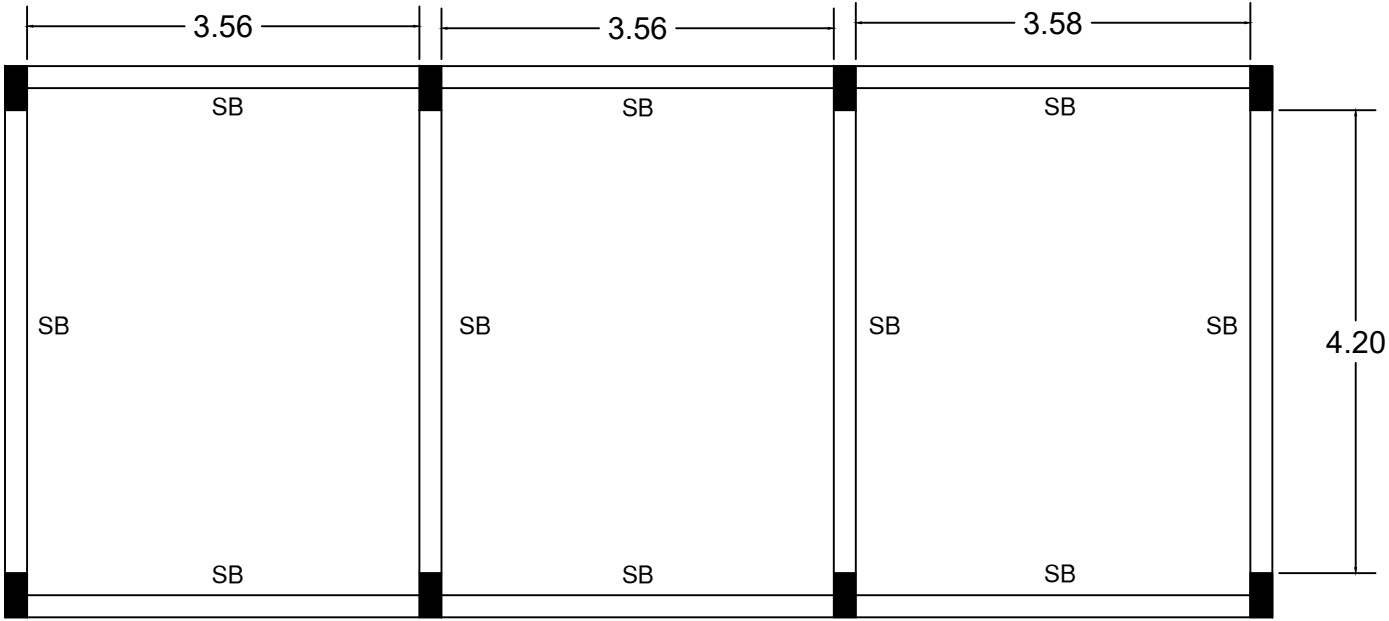
TITLE :-

STORE ROOM
11.50 X 5.00 M

A.R. CONSULTANCY
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



BEAM SCHEDULE (M20:Fe500) (TYPICAL SLAB BEAM DETAILS) SEE FIG.-2

BEAM NUMBERS	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT			SHEAR STIRRUPS		
	B	D	BOTTOM R/F (THRU.)	BOTTOM R/F EXTRA AT MID SPAN	TOP R/F (THRU.)	TOP EXTRA R/F AT LEFT SUPPORT	TOP EXTRA R/F AT RIGHT SUPPORT	LEFT	MID SPAN	RIGHT
SB	0.20	0.40	2-T16	1-T16	2-T16	1-T12	2-T12	2L-T8@150	2L-T8@150	2L-T8@150

SLAB BEAM DETAILS

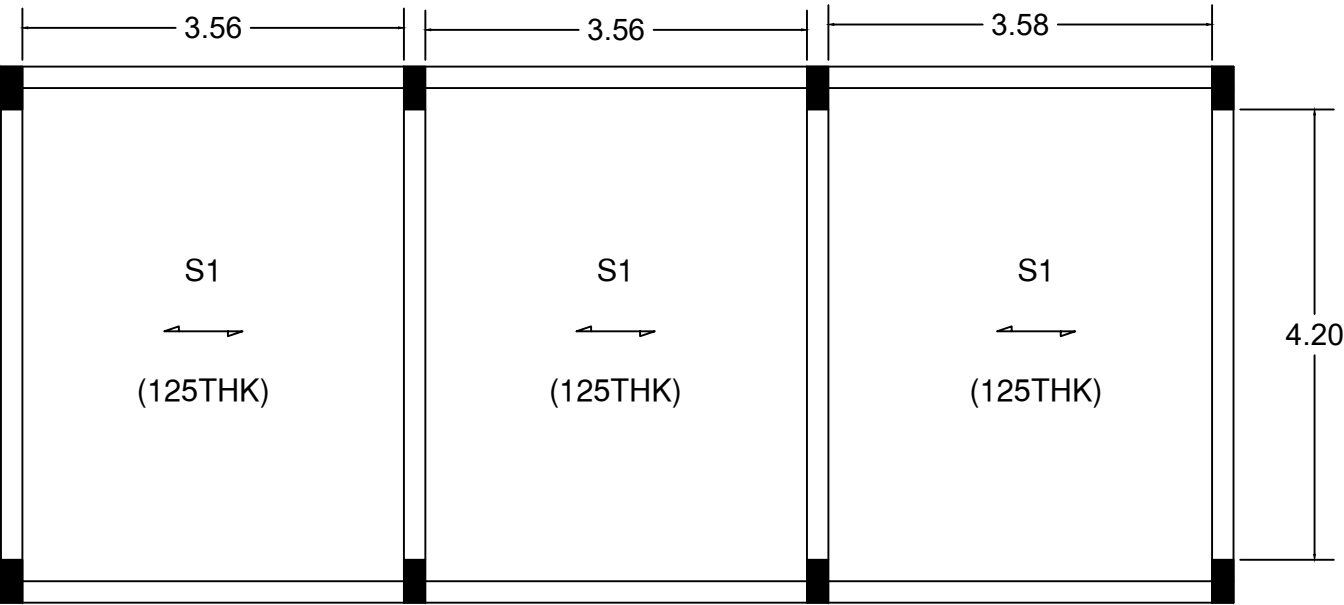
TITLE :-

STORE ROOM
11.50 X 5.00 M

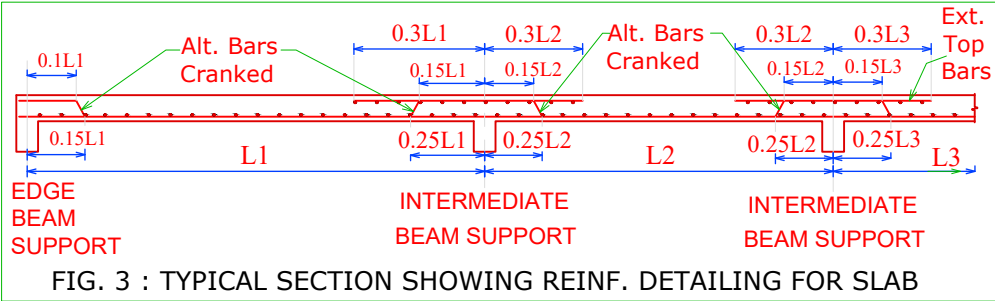
A.R. CONSULTANCY
Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662



NOTE : [1] IN SLABS, BENT UP BARS (OR EXTRA TOP BARS) SHALL BE EXTENDED UP TO 0.3L IN ADJACENT SPAN OVER CONTINUOUS SUPPORT.
[2] AT MID-SPAN LOCATIONS, BARS NEAR THE BOTTOM FACE SHOULD BE PLACED SUCH THAT THE BARS ALONG SHORT SPAN ARE BELOW THE BARS ALONG LONG SPAN.
[3] AT BEAM SUPPORT LOCATIONS, BARS NEAR THE TOP FACE SHOULD BE PLACED SUCH THAT THE BARS ALONG SHORT SPAN ARE ABOVE THE BARS ALONG LONG SPAN.
[4] PROVIDE TORSION REINFORCEMENT, AS PER I.S.CODAL PROVISION (IS:456:2000).
[5] GRADE OF CONCRETE : M20; GRADE OF STEEL : Fe500.



DETAILS OF TERRACE FLOOR SLAB REINFORCEMENT
(SEE FIG.-3 FOR POSITIONING AND DETAILING OF SLAB REINFORCEMENT)

NAME OF SLAB	DEPTH OF SLAB IN mm	REINFORCEMENT ALONG SHORT DIRECTION		REINFORCEMENT ALONG LONG DIRECTION		DISTRIBUTION REINFORCEMENT	SLAB TYPE
		AT MID SPAN NEAR BOTTOM FACE	OVER BEAM SUPPORT NEAR TOP FACE	AT MID SPAN NEAR BOTTOM FACE	OVER BEAM SUPPORT NEAR TOP FACE		
S1	125mm	10mm # @ 150mm C/C	10 mm # @ 150mm C/C		-	8 mm # @ 150mm C/C	1-WAY

SLAB DETAILS

TITLE :-

STORE ROOM
11.50 X 5.00 M

A.R. CONSULTANCY

Ar. AVINASH MARKAM
Er. RAVIKANT DIXENA

DRAWN BY - Er. JIVESH JAISWAL

PUSHP VIHAR, RSS NAGAR,
KORBA (C.G.) , 495677
PHONE - 8889203662