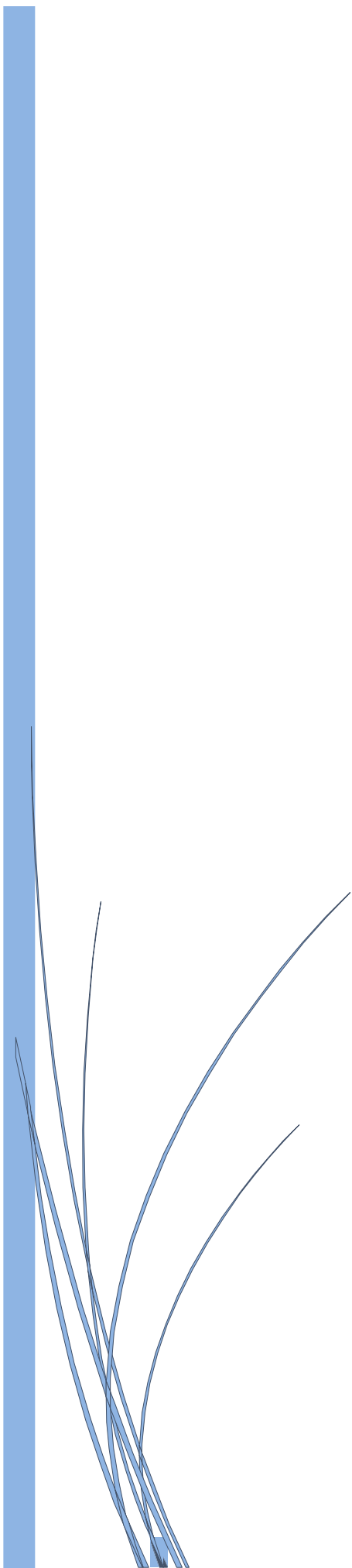


# VOLUME 03

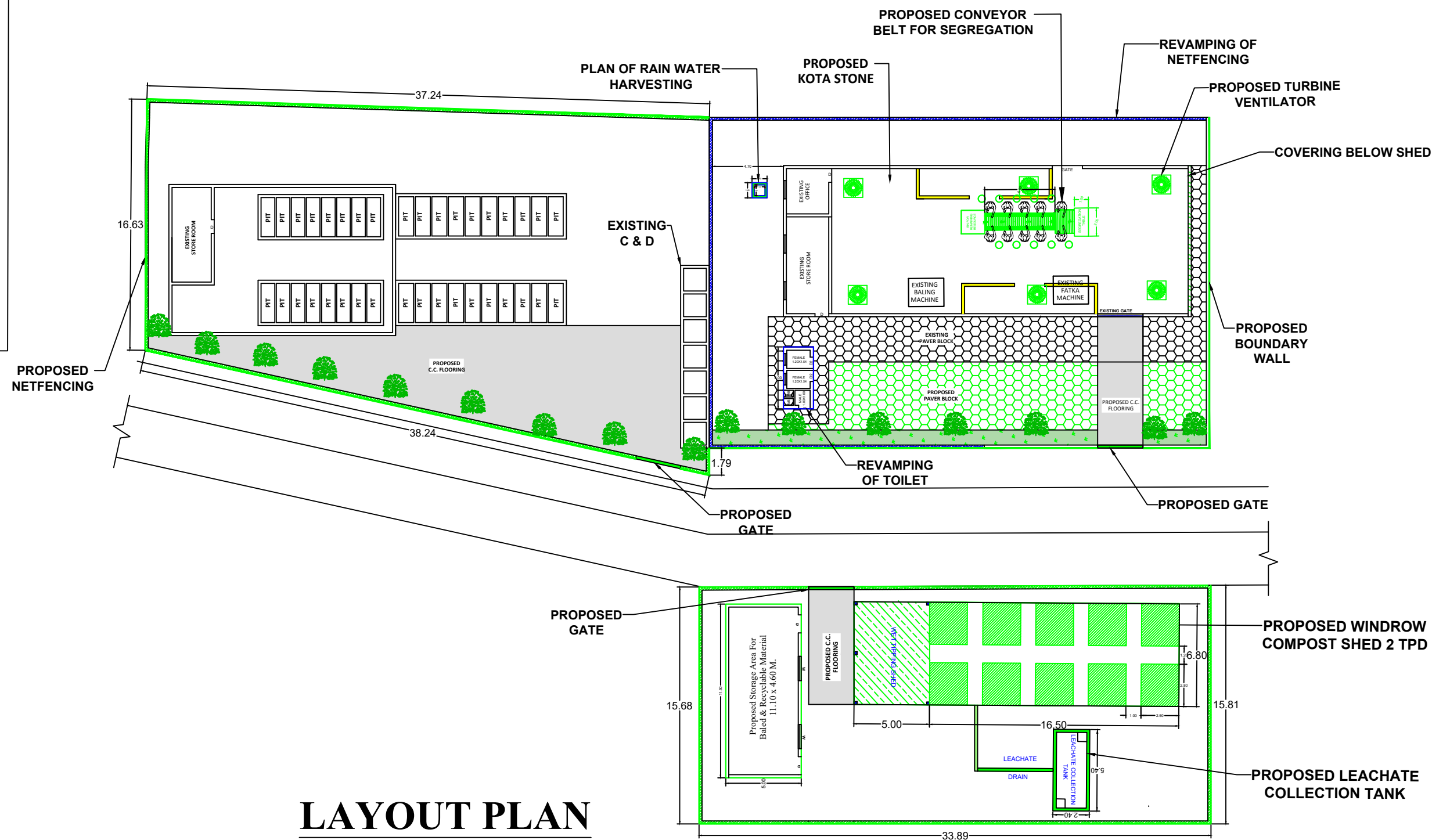




# **DRAWING & SECTION FOR EXISITING COMPOST PLANT & SLRM - WARD NO.- 01, GURU GHASIDAS WARD, THAN KHAMARIYA (C.G.)**

## BASIC REQUIRMENT

1. PROPOSED CONVEYOR BELT
2. PAINTING WORK( WALL & STEEL MATERIAL
3. PROPOSED TURBINE VENTILATOR
4. PROPOSED WEIGH BRIDGE
5. TOILET REVAMPING
6. PROPOSED STORAGE AREA
7. PROPOSED C.C.T.V. CAMERA
8. PROPOSED LANDSCPAING
9. PROPOSED C.C. FLOORING
10. PROPOSED INTERNAL KOTA STONE
11. PROPOSED NET FENCING
12. PROPOSED E-RIKSA CHARGING POINT
13. ELCTRIFICATION
14. SANITATION (WATER TANK )
15. SHED EXTENTION
16. PROPOSED GATE
17. PROPSD BOUNDRY WALL
18. REVAMPING OR NET FENCING
19. PROPOSED RAIN WATER HARVESTING
20. PROPOSED CONVEYOR BELT FOR SEGREGATION



## LAYOUT PLAN

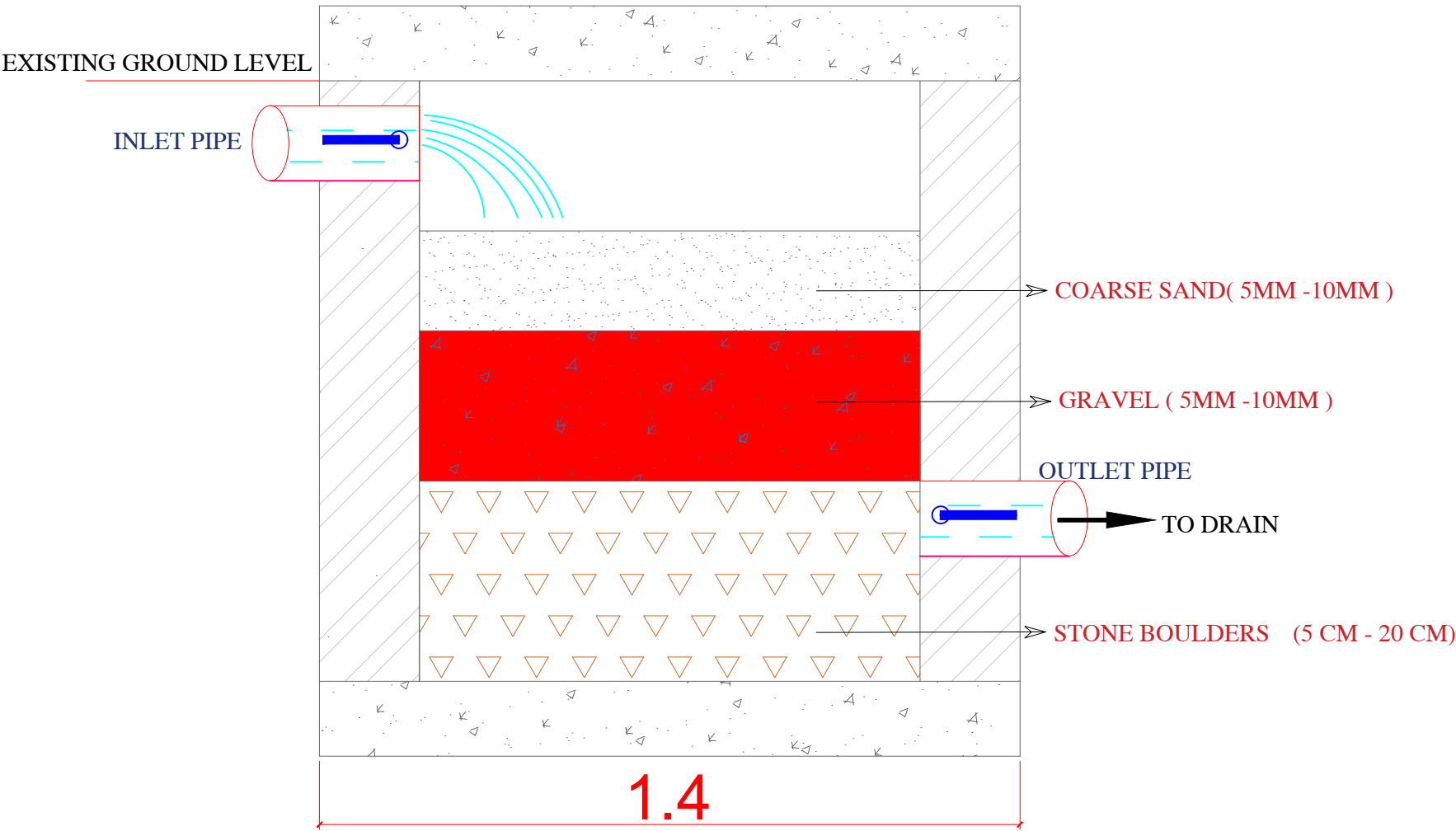
### TITLE :-

LAY - OUT PLAN AT -SLRM CENTER,  
AND COMPOST CENTER WARD NO.- 01,  
THANAKHAMRIA (C.G.)

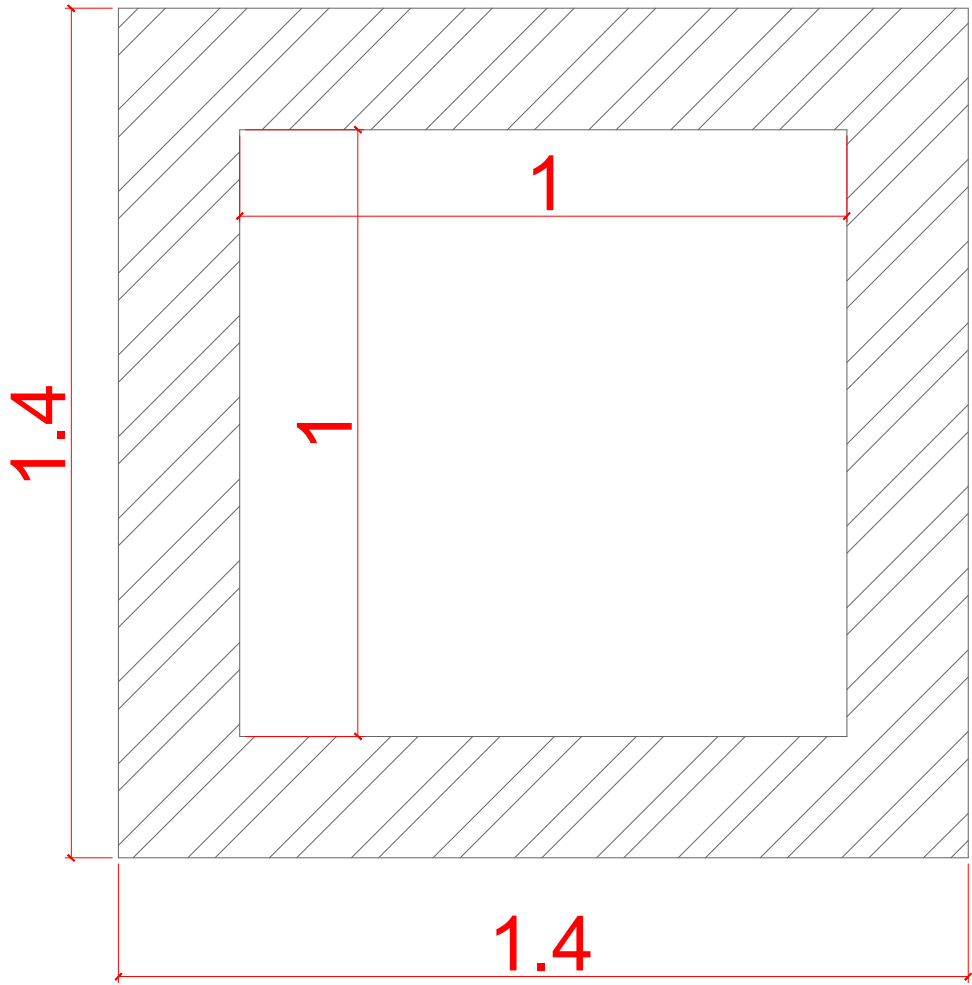
### LEGEND :-

	EXISTING PLAN
	PROPOSED PLAN
	UPGRADATION
	PROPOSED INFRASTRUCTURE UNDER OTHER SCHEME
	DEMOLITION AREA

ARCHITECT & ENGINEER  
NAMAN BHATT & ASSOCIATES  
BESIDE MAINTENANCE OFFICE  
SECTOR 10 BHILAI, DURG (C.G)  
PIN - 491001  
PHONE - 07882216777,9630868978  
SURVEYOR

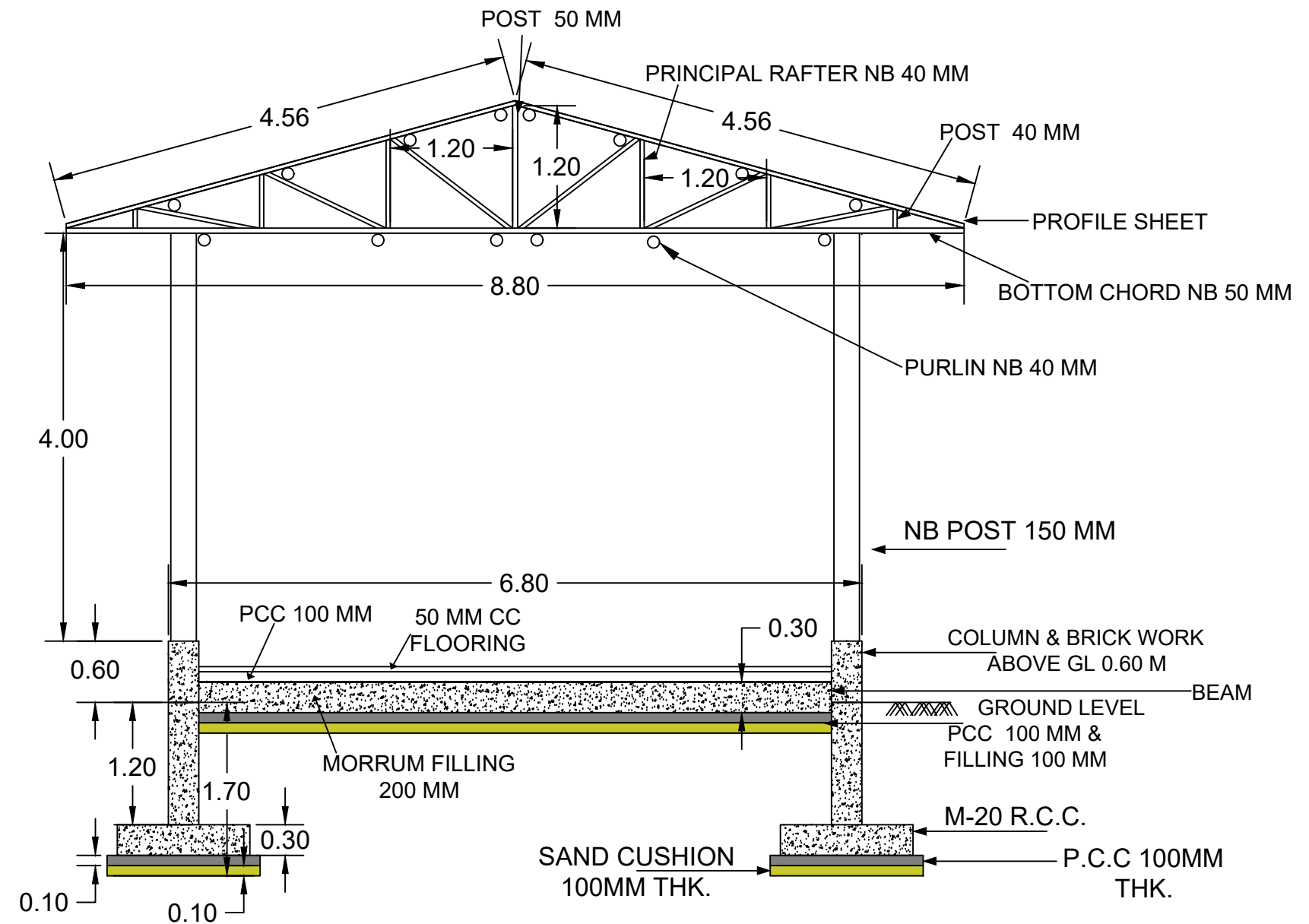
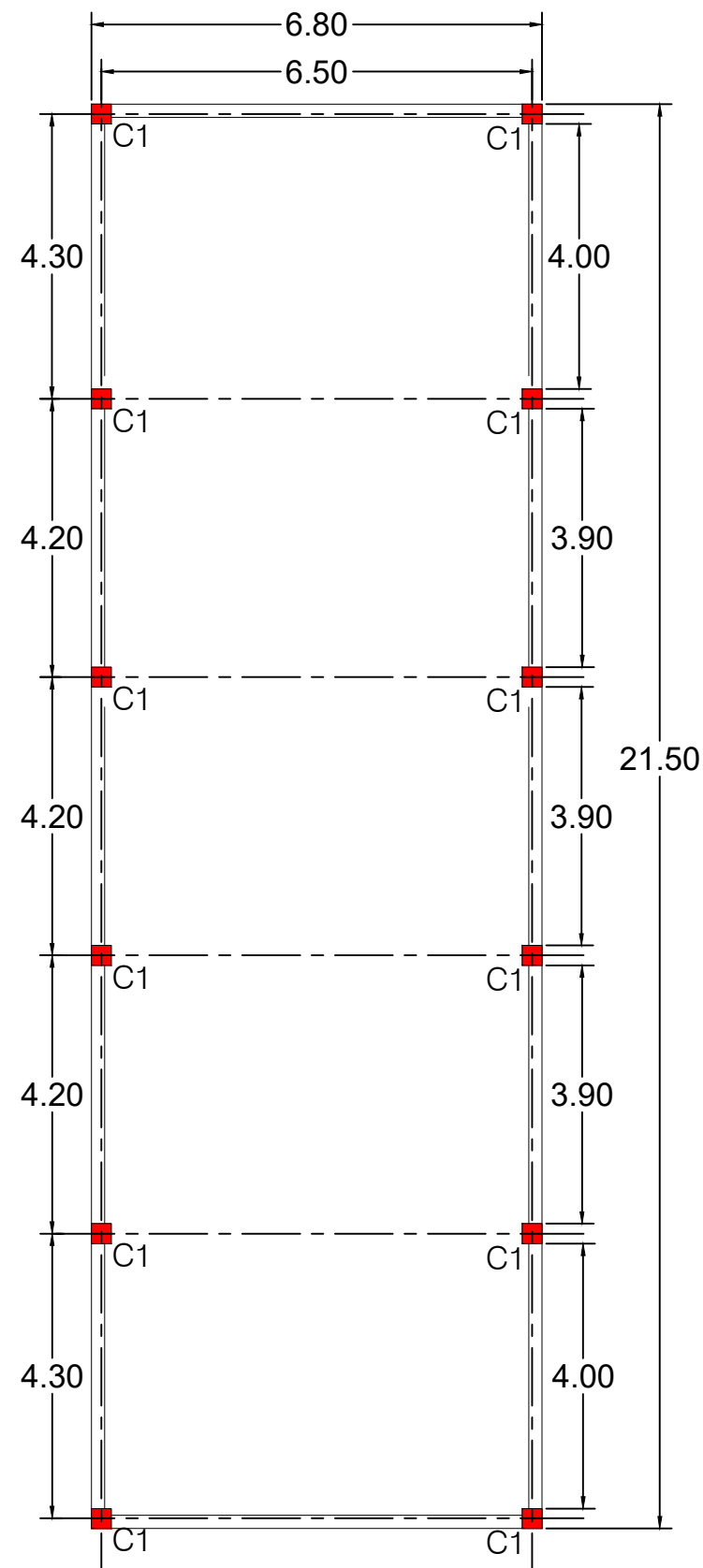


SECTION OF RAIN WATER HARVESTING

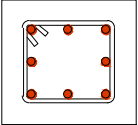
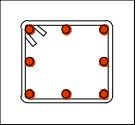


PLAN OF RAIN WATER HARVESTING

<p><u>TITLE :-</u></p> <p>RAIN WATER HARVESTING</p>	<p>ARCHITECT &amp; ENGINEER</p> <p>NAMAN BHATT &amp; ASSOCIATES</p> <p>BESIDE MAINTENANCE OFFICE</p> <p>SECTOR 10 BHILAI, DURG (C.G)</p> <p>PIN - 491001</p> <p>PHONE - 07882216777,9630868978</p> <p>SURVEYOR</p>
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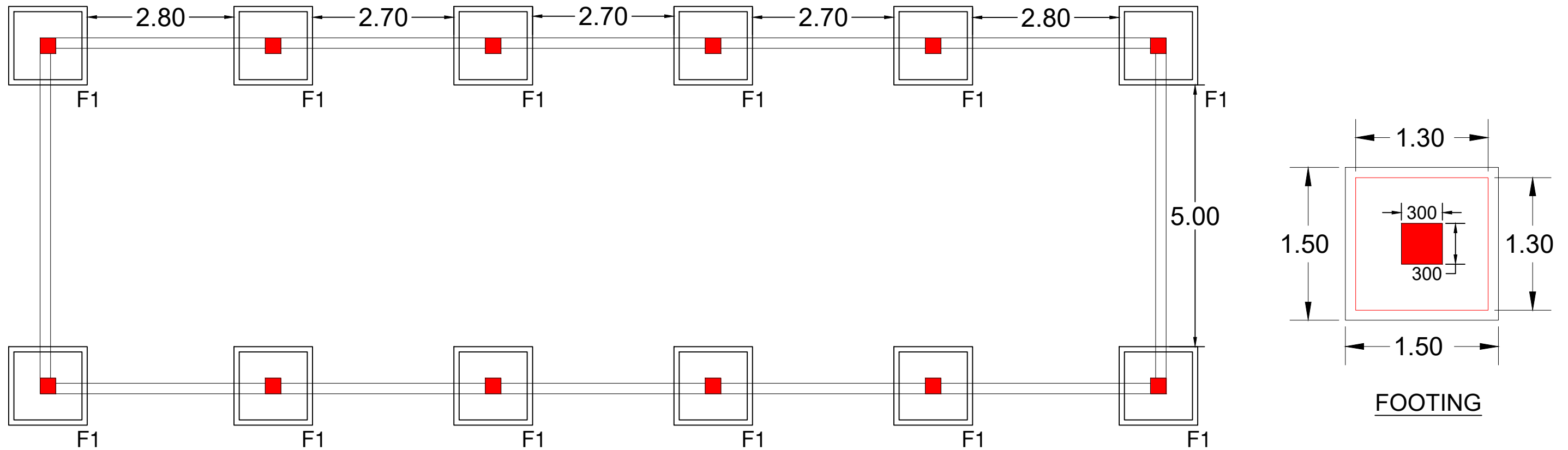
### COLUMN DETAILS

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>

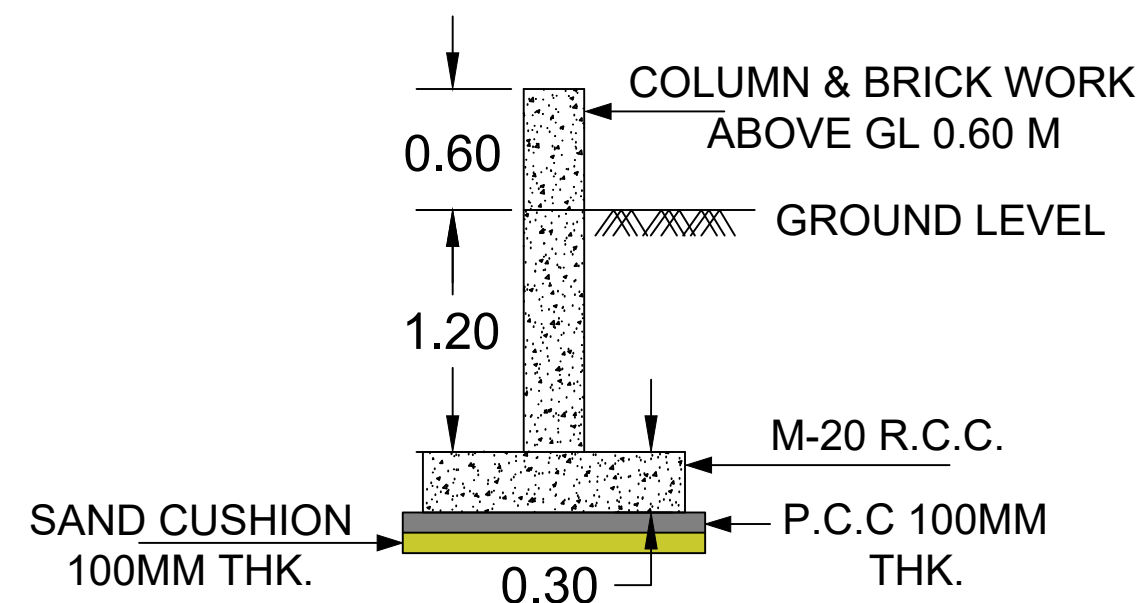
**TITLE :-**

PLAN & COLUMN LAYOUT DETAILS OF  
2 TPD WINDROW COMPOST PLANT

ARCHITECT & ENGINEER  
NAMAN BHATT & ASSOCIATES  
BESIDE MAINTENANCE OFFICE  
SECTOR 10 BHILAI, DURG (C.G)  
PIN - 491001  
PHONE - 07882216777,9630868978  
SURVEYOR

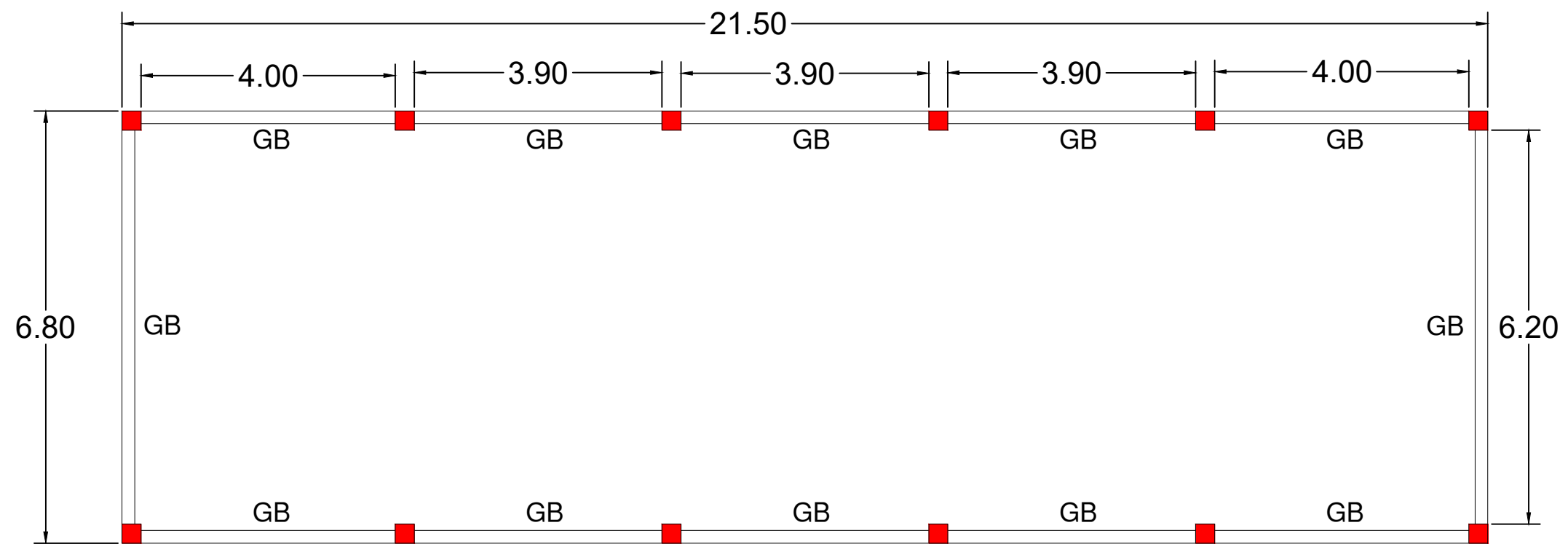


FOOTING DETAILS						
SN	FOOTING NO.	FOOTING DETAILS			REINFORCEMENT DETAILS	
		L	B	D	ALONG B	ALONG L
1	F1	1500	1500	1700	T12@150 C/C	T12@150 C/C



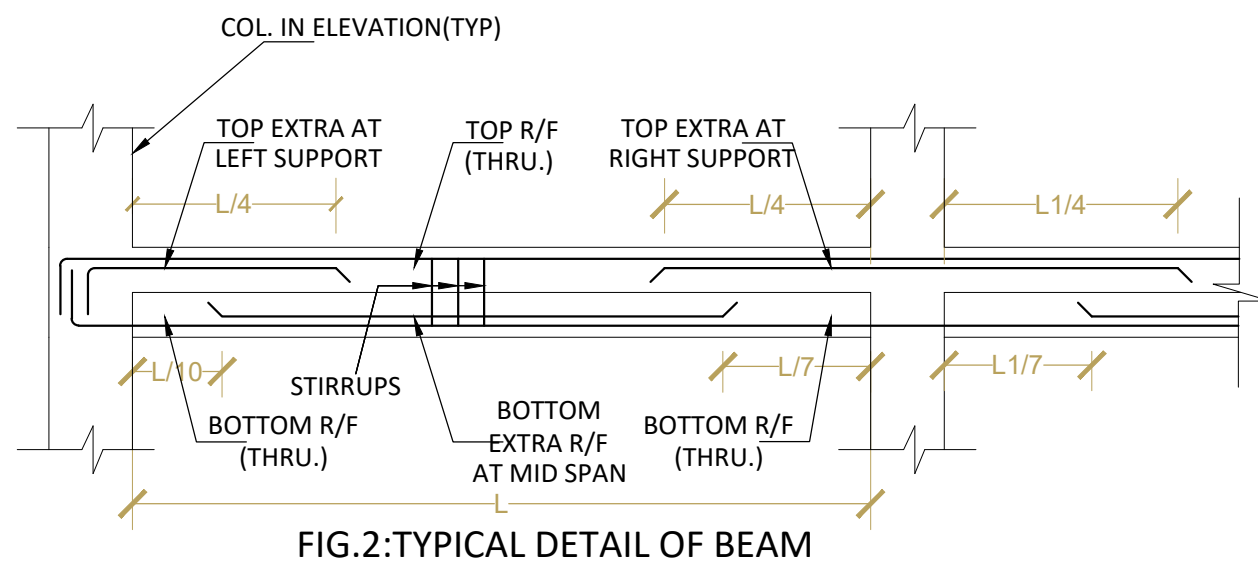
## FOOTING DETAILS

ARCHITECT & ENGINEER  
 NAMAN BHATT & ASSOCIATES  
 BESIDE MAINTENANCE OFFICE  
 SECTOR 10 BHILAI, DURG (C.G)  
 PIN - 491001  
 PHONE - 07882216777,9630868978  
 SURVEYOR



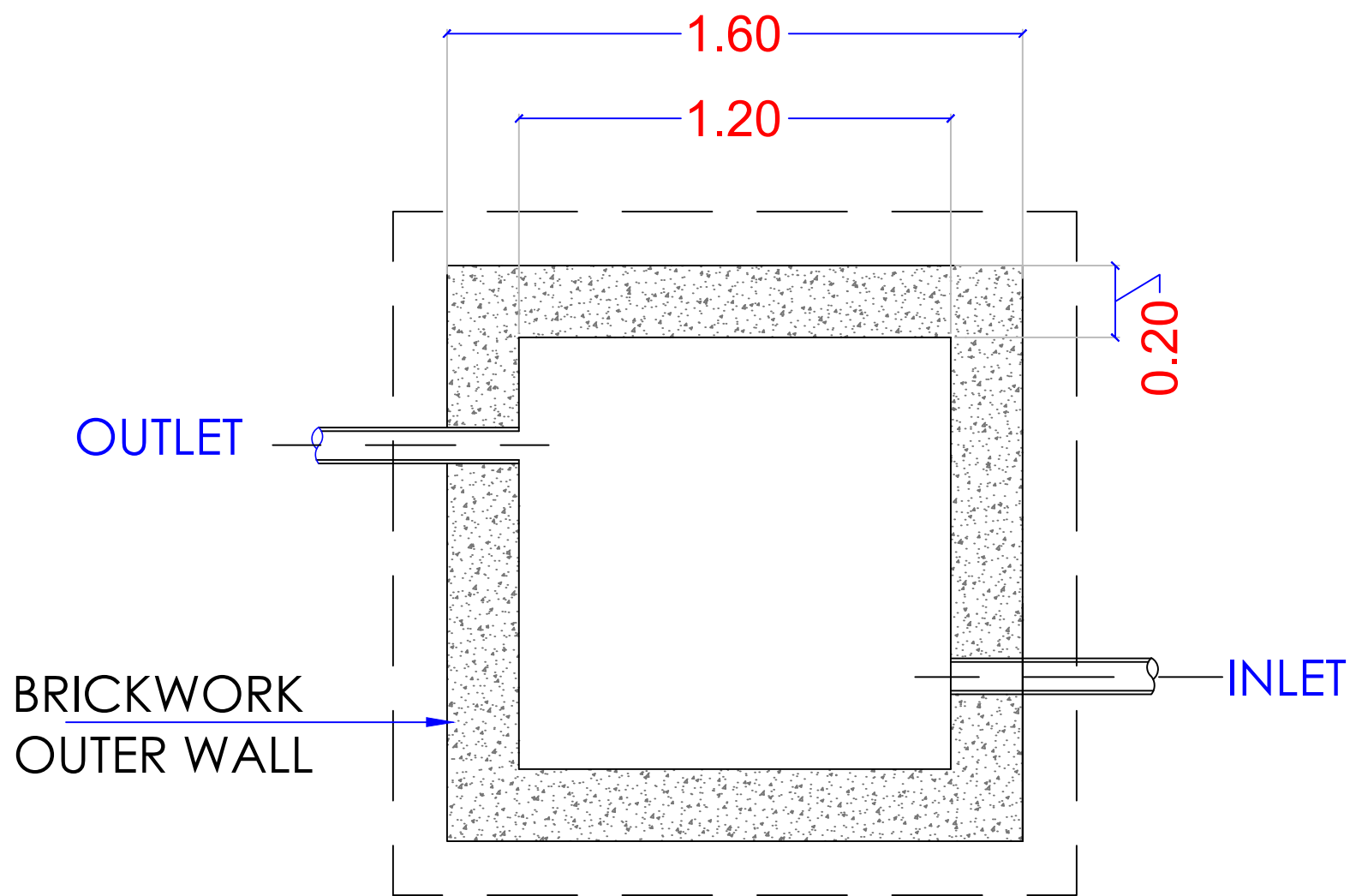
GROUND BEAM SCHEDULE (M20:Fe500) (TYPICAL GROUND BEAM DETAILS ) SEE FIG.-2

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

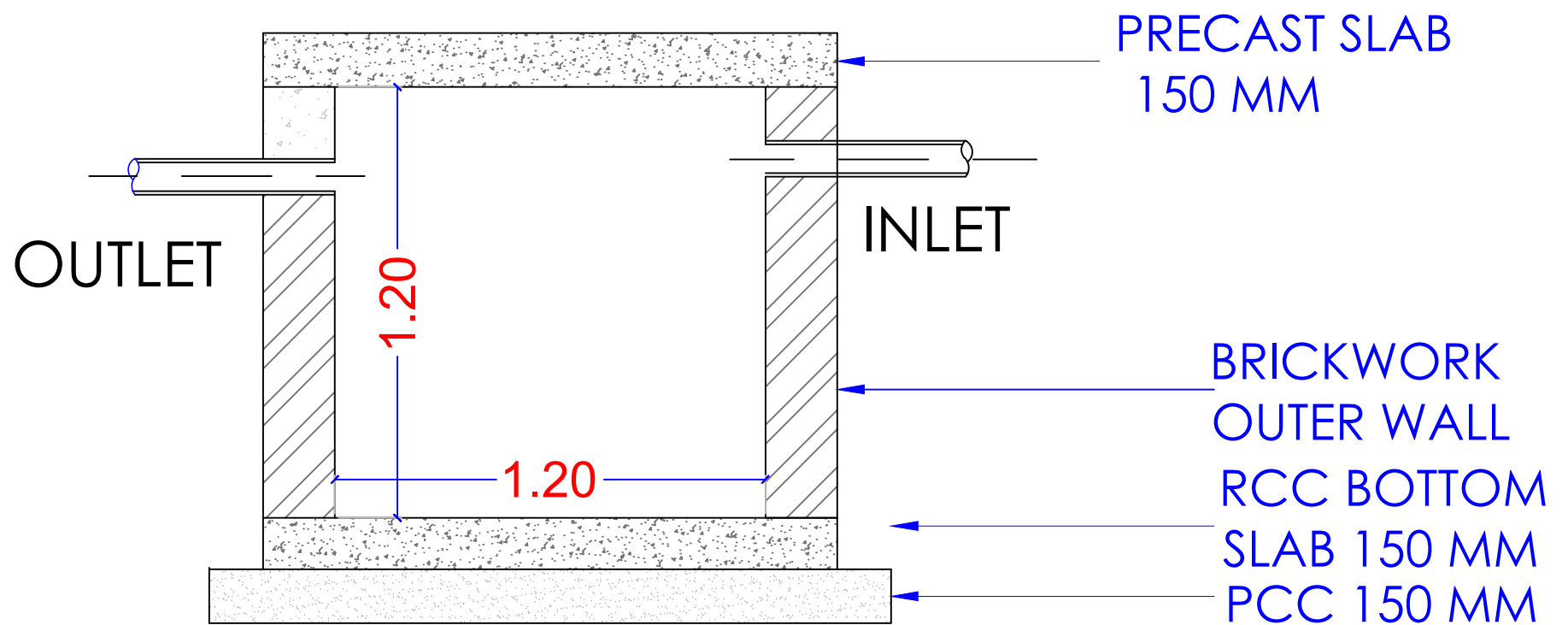


## GROUND BEAM DETAILS

ARCHITECT & ENGINEER  
 NAMAN BHATT & ASSOCIATES  
 BESIDE MAINTENANCE OFFICE  
 SECTOR 10 BHILAI, DURG (C.G)  
 PIN - 491001  
 PHONE - 07882216777,9630868978  
 SURVEYOR



LEACHATE TANK PLAN  
1.20 X 1.20 X 1.20 M

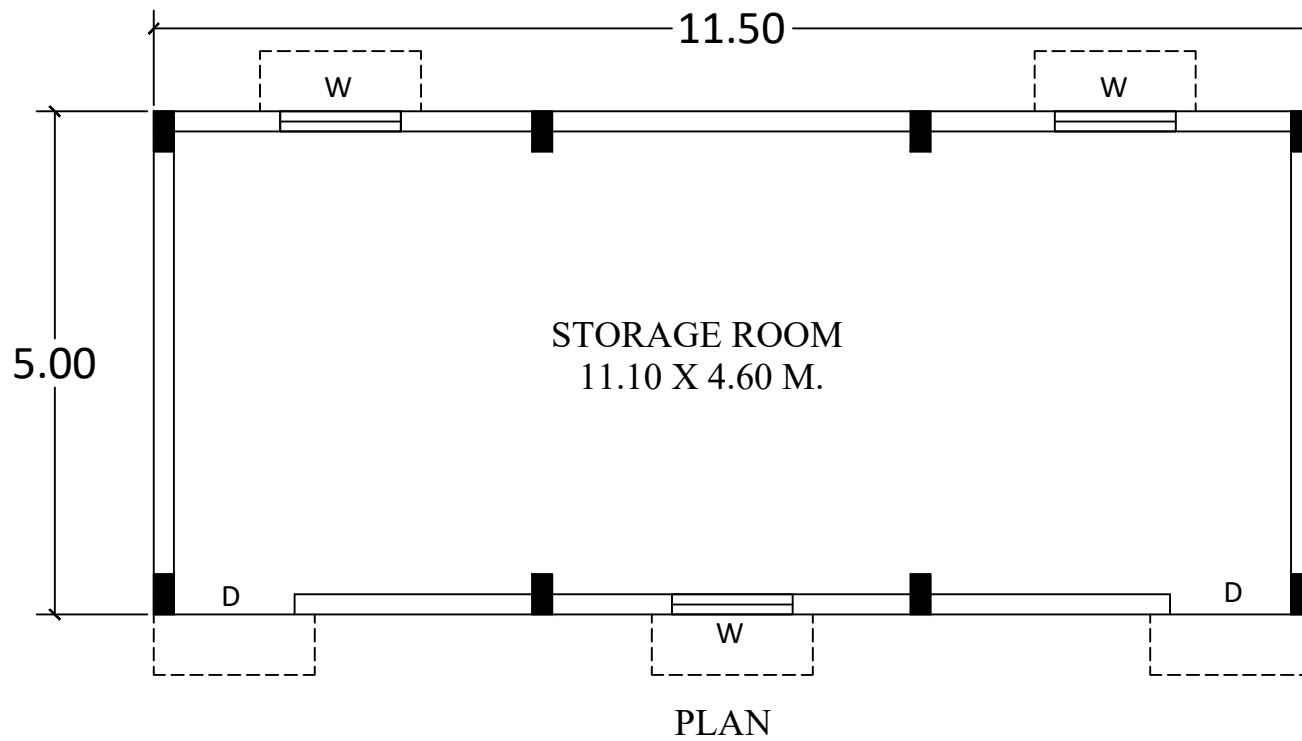
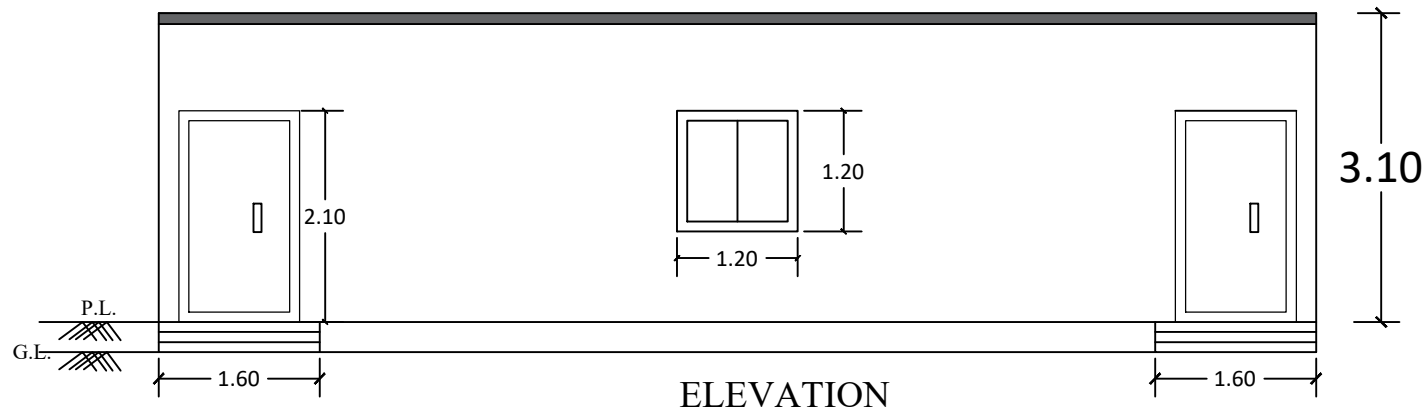


TITLE :-

LEACHATE COLLECTION  
TANK

ARCHITECT & ENGINEER  
NAMAN BHATT & ASSOCIATES  
BESIDE MAINTENANCE OFFICE  
SECTOR 10 BHILAI, DURG (C.G)  
PIN - 491001  
PHONE - 07882216777,9630868978  
SURVEYOR





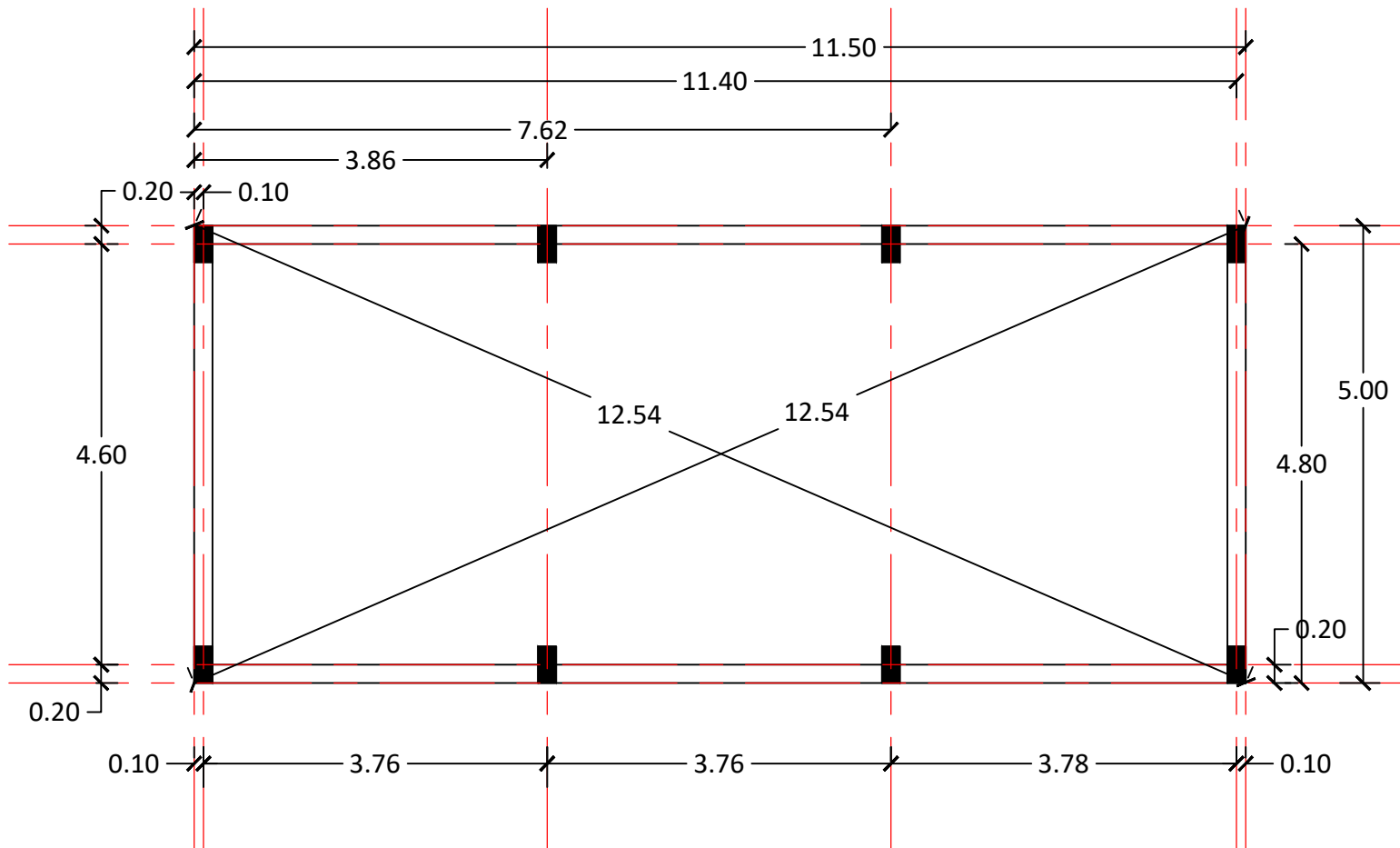
**PROJECT :-**

Storage Area for Beled & Recyclable  
Material

**SCHEDULE**

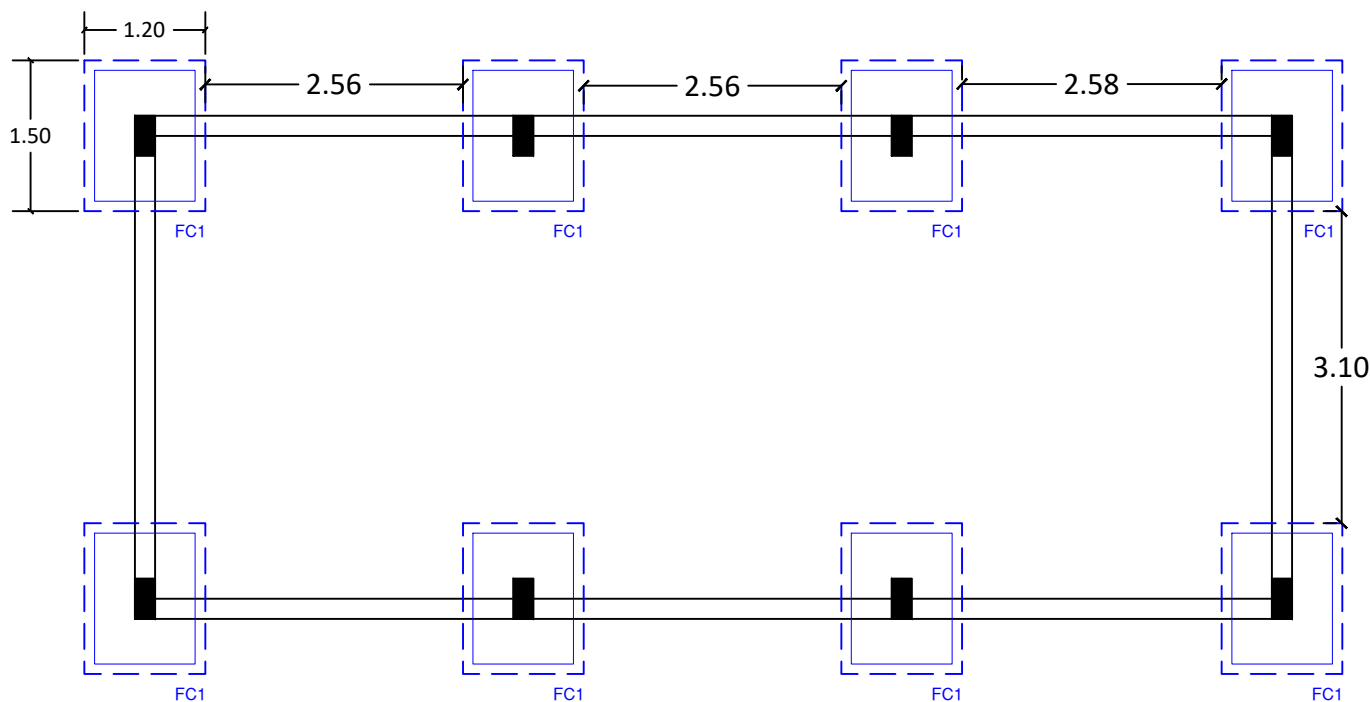
DOOR - 1.20X2.10 M.  
WINDOW - 1.20X1.20 M.

ARCHITECT & ENGINEER  
NAMAN BHATT & ASSOCIATES  
BESIDE MAINTENANCE OFFICE  
SECTOR 10 BHILAI, DURG (C.G)  
PIN - 491001  
PHONE - 07882216777,9630868978  
SURVEYOR

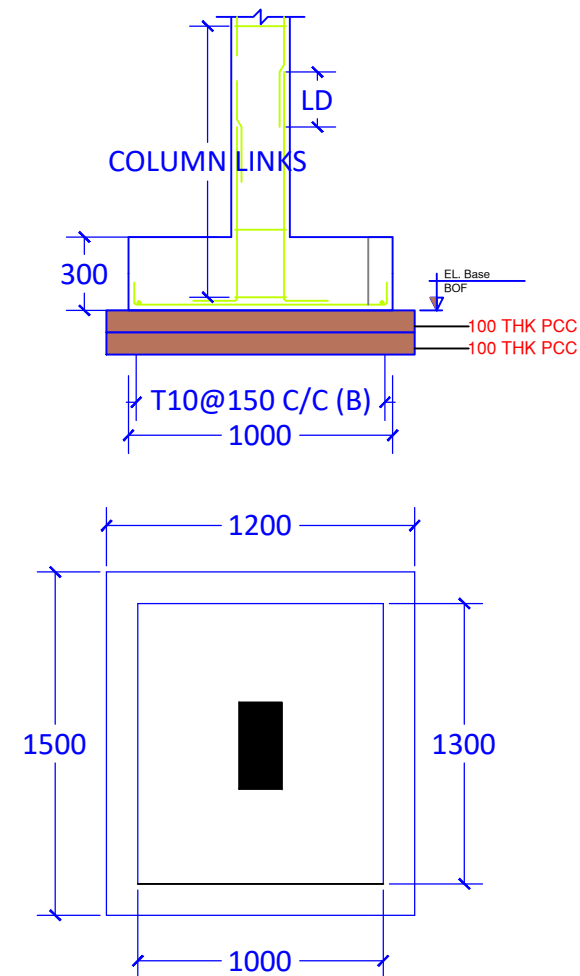


**CENTRE LINE PLAN**

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



## 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	--	--

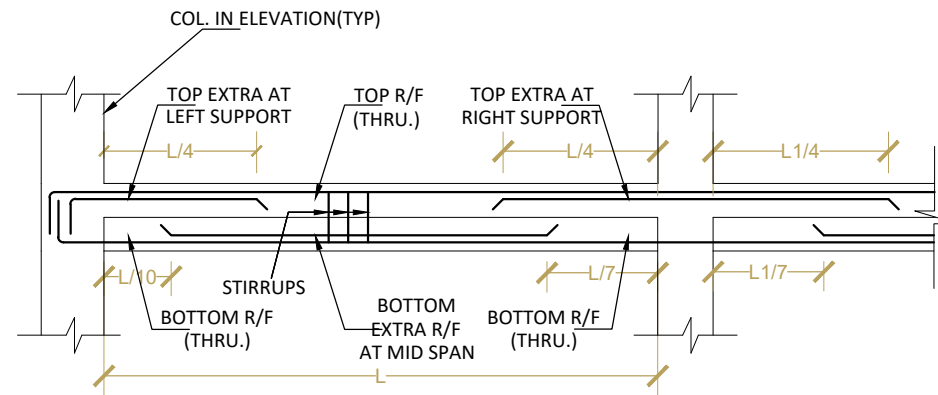
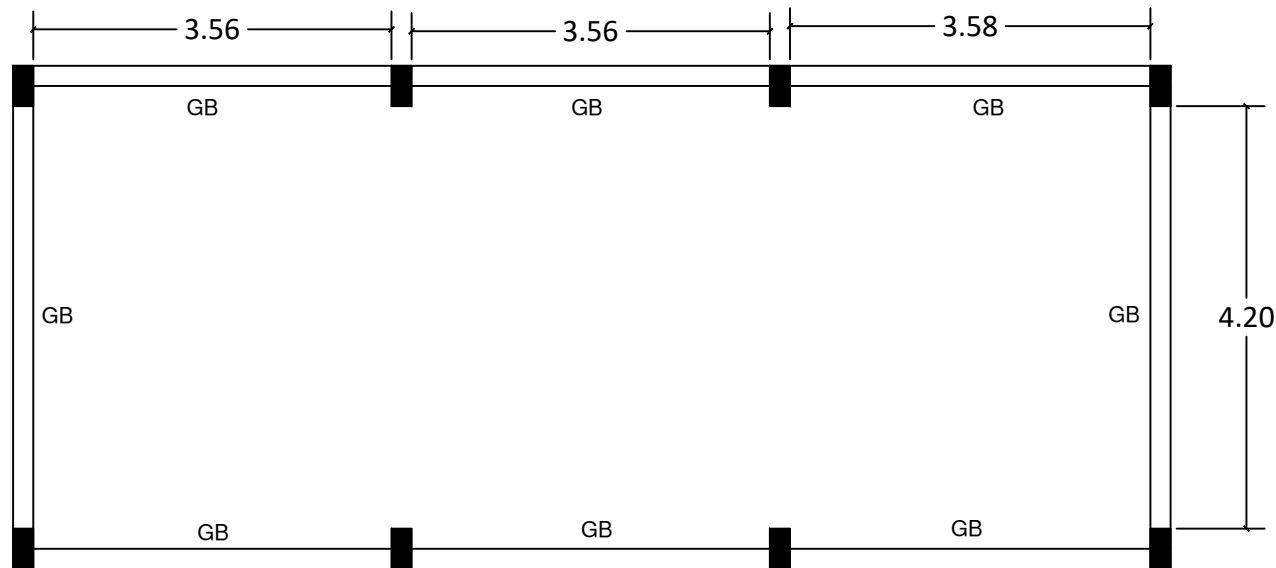


FIG.2:TYPICAL DETAIL OF BEAM

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

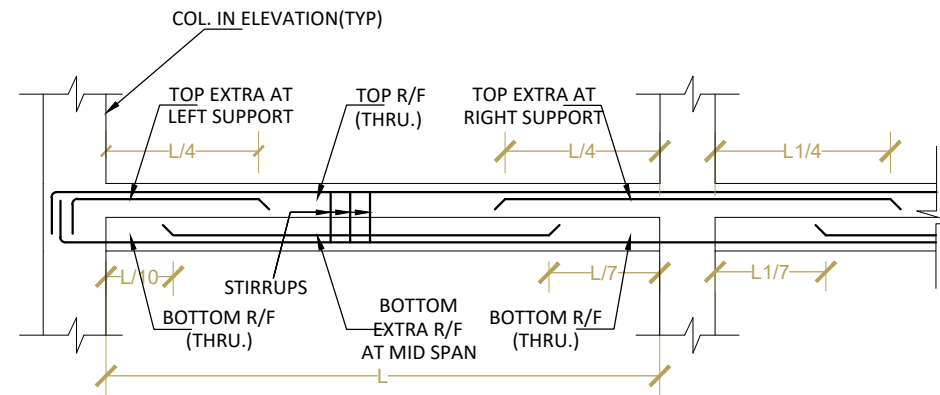
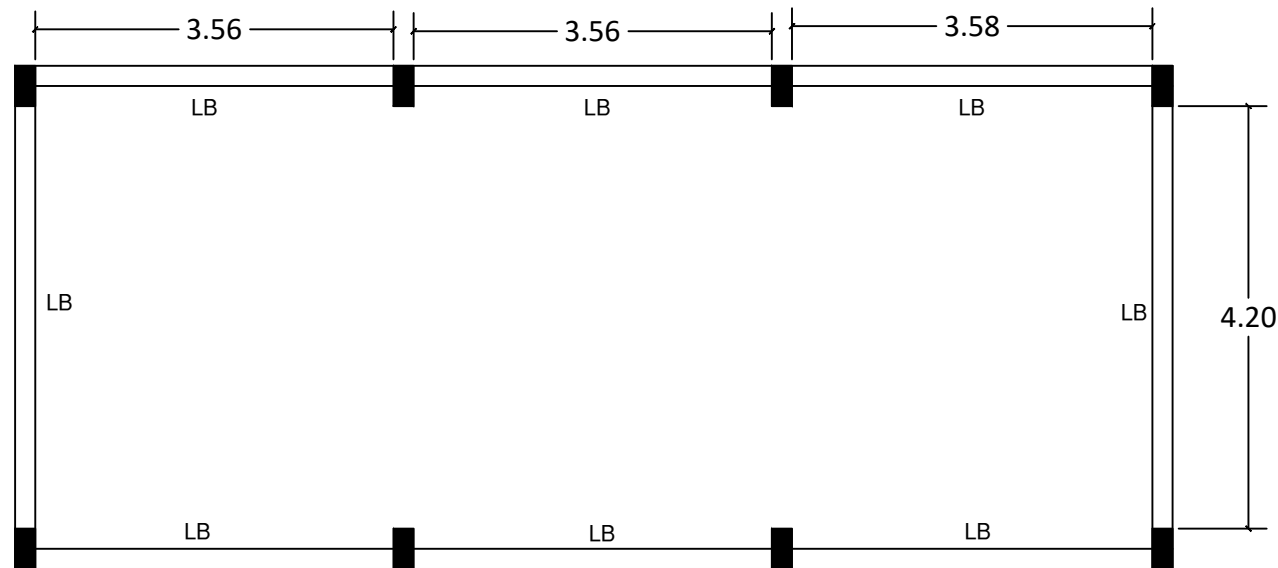


FIG.2:TYPICAL DETAIL OF BEAM

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

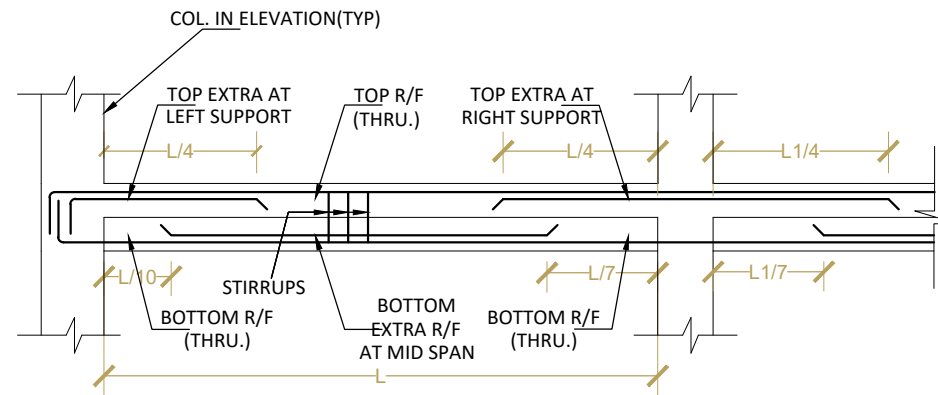
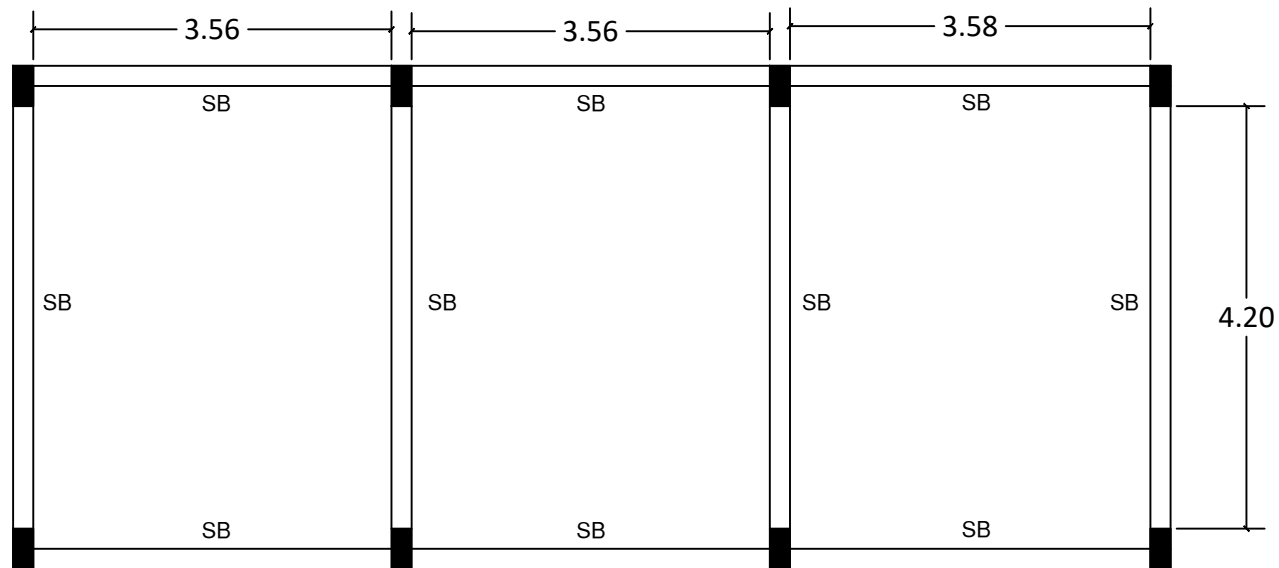
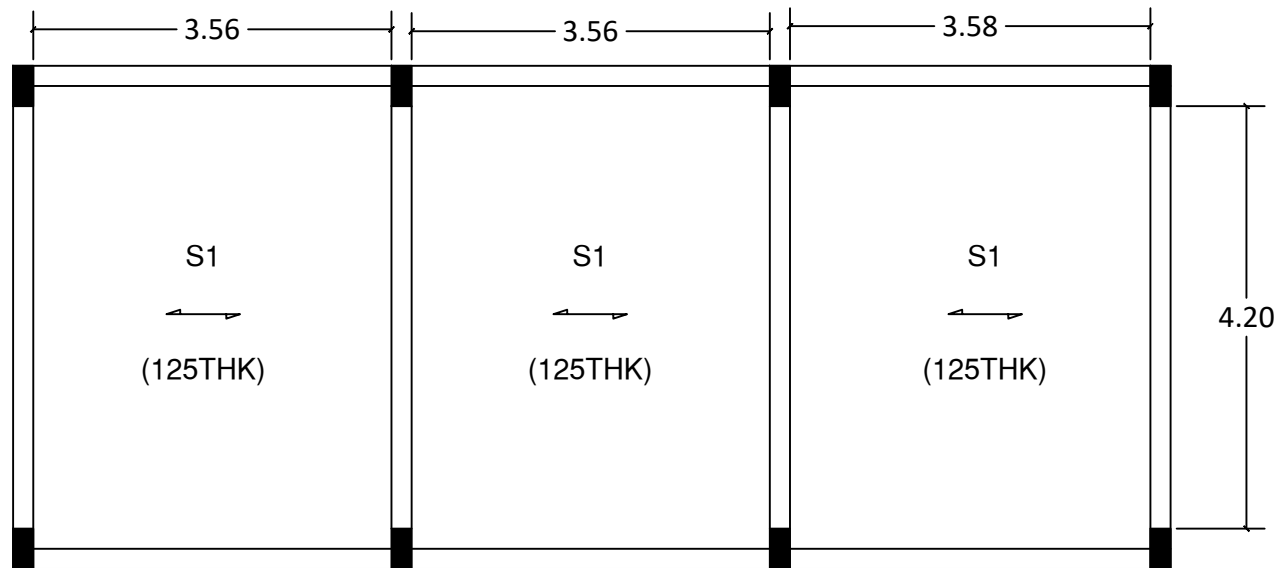


FIG.2:TYPICAL DETAIL OF BEAM

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



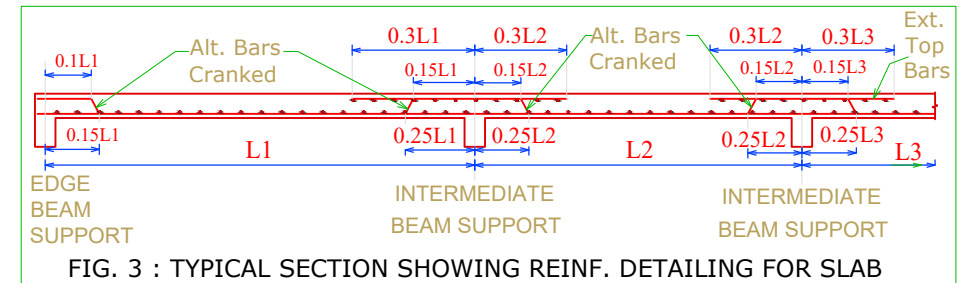
NOTE : [1] IN SLABS, BENT UP BARS (OR EXTRA TOP BARS) SHALL BE EXTENDED UP TO 0.3L IN ADJACENT SPAN OVER CONTINUOUS SUPPORT.

[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