



NOTES

1. Contractor to check all the dimensions on site.
2. Any discrepancy in drg or on the site should be brought to the notice of Structural Engineer & Architect immediately.
3. Do not scale the drawing follow written dimensions.
4. Grade of concrete : M25
5. Grade of steel : Fe500
6. Cover for beams : 1" Cover for slab : 0.75"
7. Design of centering, shuttering & concrete mix is the responsibility of contractor.
8. Span steel curtailed at 0.15L Tension steel is for 0.25L
9. Before Pouring the concrete for any structural elements, it should be checked by competent authority and it should be certified.

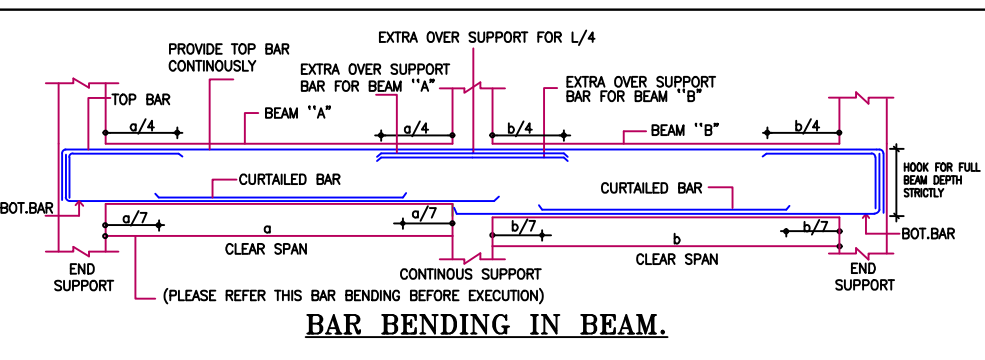
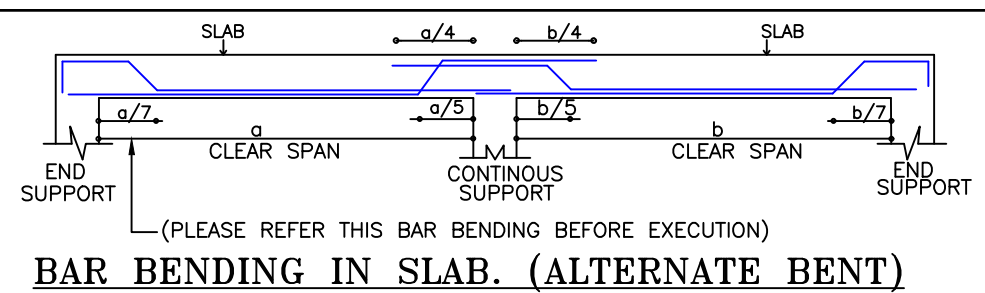
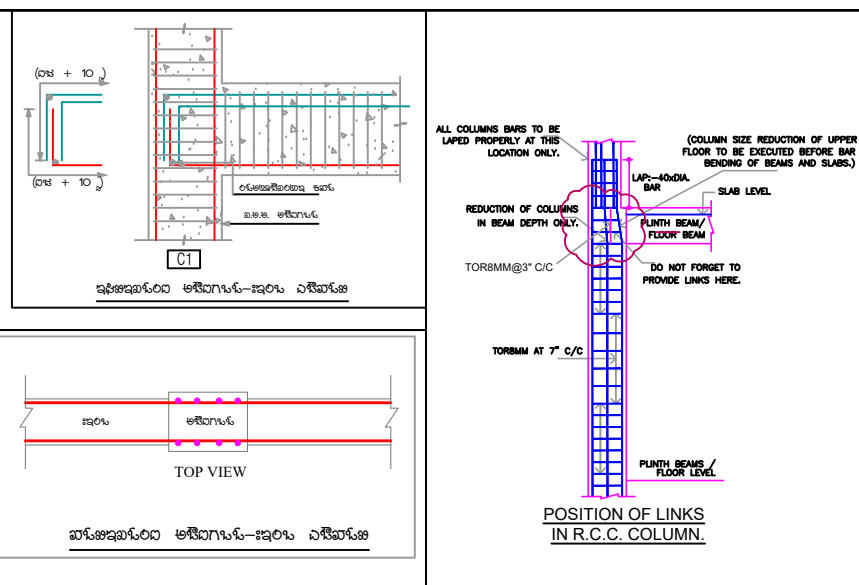
NOTE: B - BEAM
S - SLAB
CB- CANTILEVER BEAM
CS- CANTILEVER SLAB
Bot st- Bottom Straight
Bot cur- Bottom curtailment
Top st- Top Straight
Top extra

SCHEDULE OF SECOND FLOOR LEVEL R.C.C BEAMS

NAME OF FLOOR BEAMS.	OVER ALL SIZE		TOP REINFORCEMENT		BOTTOM REINFORCEMENT		STIRRUPS		
	B	D	STRAIGHT BARS (FULL LENGTH)	EXTRA TOP (SUPPORT)	STRAIGHT BARS (FULL LENGTH)	CURTAIL BARS (AT CENTER)	OVER SUPPORT (UP TO L/4)	AT CENTER	
RB1	0.23	0.45	2 - 16	2 - 16	2 - 16	2 - 16	8 Ø 100mm c/c	8 Ø 100mm c/c	
RB2	0.23	0.60	2 - 16	----	3 - 16	2 - 16	8 Ø 100mm c/c	8 Ø 100mm c/c	SIDE FACE 2-12
RB3	0.23	0.45	2 - 16	----	3 - 16	----	8 Ø 100mm c/c	8 Ø 100mm c/c	
RB4	0.23	0.45	3 - 16	2 - 16	3 - 16	----	8 Ø 100mm c/c	8 Ø 100mm c/c	
RB5	0.30	0.75	3 - 20	3 - 25	3 - 25	3 - 20	10 Ø 125mm c/c	10 Ø 125mm c/c	SIDE FACE 2-12
RB6	0.23	0.45	2 - 16	----	3 - 16	2 - 16	8 Ø 100mm c/c	8 Ø 100mm c/c	
RB7	0.23	0.75	3 - 20	----	3 - 20	----	10 Ø 125mm c/c	10 Ø 125mm c/c	SIDE FACE 2-12
RB8	0.23	0.60	3 - 16	3 - 20	3 - 16	----	8 Ø 100mm c/c	8 Ø 100mm c/c	SIDE FACE 2-12
RB9	0.23	0.60	3 - 16	3 - 20	3 - 16	2 - 16	8 Ø 100mm c/c	8 Ø 100mm c/c	SIDE FACE 2-12

SCHEDULE OF SECOND FLOOR LEVEL R.C.C. SLAB

NAME OF SLABS	THICK. MM	SHORT SPAN REINFORCEMENT		LONG SPAN REINFORCEMENT		REMARKS
		AT CENTER	OVER SUPPORT	AT CENTER	OVER SUPPORT	
S1.	175	10 mm TOR @ 125mm c/c	10 mm TOR @ 125mm c/c	8 mm TOR @ 150mm c/c	-----	ONE WAY SLAB
S2.	150	10 mm TOR @ 125mm c/c	10 mm TOR @ 125mm c/c	8 mm TOR @ 150mm c/c	8 mm TOR @ 150mm c/c	TWO WAY SLAB
S3.	150	10 mm TOR @ 150mm c/c	10 mm TOR @ 150mm c/c	8 mm TOR @ 150mm c/c	-----	ONE WAY SLAB
S4.	175	10 mm TOR @ 125mm c/c	10 mm TOR @ 125mm c/c	8 mm TOR @ 150mm c/c	8 mm TOR @ 150mm c/c	TWO WAY SLAB



- NOTE :**
1. MAKE SURE THAT BEAM BAR SHOULD BE PLACED INSIDE OF COLUMN REINFORCEMENT.
 2. ALL ENDS OF BEAM BAR SHOULD BE DEVELOPED TO ITS FULL LENGTH .
 3. PLACE THE EXTRA BARS IN EITHER SIDE WHICH EVER IS HIGHER AS PER SCHEDULE.
 4. FOR CANTILEVER BEAM THE BARS HAS TO BE BEHIND SUPPORT SHOULD BE 2XL.

Title: STRUCTURAL DETAILS FOR SECOND FLOOR LEVEL RCC BEAM

Project: Proposed Construction Of THE URBAN CO-OPERATIVE BANK BUILDING At:- JAMKHANDI

Client:

THE CHAIRMAN URBAN CO. BANK LTD JAMAKHANDI C.T.S.NO:- 4913, 4914 & 4915. AT:- JAMAKHANDI TO:- JAMAKHANDI DIST:- BAGALKOT

OWNER'S SIGN:-

STRUCTURAL CONSULTANT

SB CONSTRUCTION
Er Vijaykumar P Suryavanshi (B.E Civil, Mech Structure, AMIE)
CMC NO: BIJ-LBPAS-12354/19-20/TPR
PWD CONTRACTING NO : 1561
AMIE LICENSE NO : AM1750095
H.No 20 Shantaveer Nagar Ibrahimpur B.Bagewadi Road Vijayapur-586101
Mob No : 8105016459

ARCHITECT :-

SHINDE ASSOCIATES
Architect + Civil Engineer + Interior Designer + Contractor
Cell: +91-9880241807, 9448210367
Email: shindeassociates96@gmail.com
Near Jagad Yallama Galli Jamkhandi, Dist:- Bagalkot (CA/2018/74563, MS. G.M. MOHITE)

Designed By :	Date of Issue :
Drawn By :	Scale :
Checked By :	Sheet Size :
Site Incharge :	Project No :
Revision No :	Sheet No :

RELEASED FOR:	<input type="checkbox"/> PRELIMINARY	<input type="checkbox"/> INFORMATION
	<input checked="" type="checkbox"/> TENDER	<input checked="" type="checkbox"/> APPROVAL
	<input type="checkbox"/> CONSTRUCTION	<input type="checkbox"/> ADVANCE