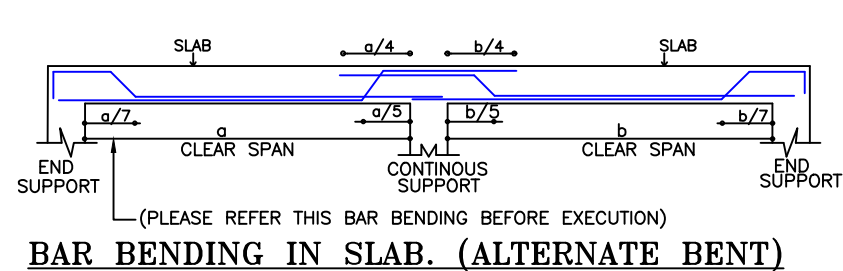
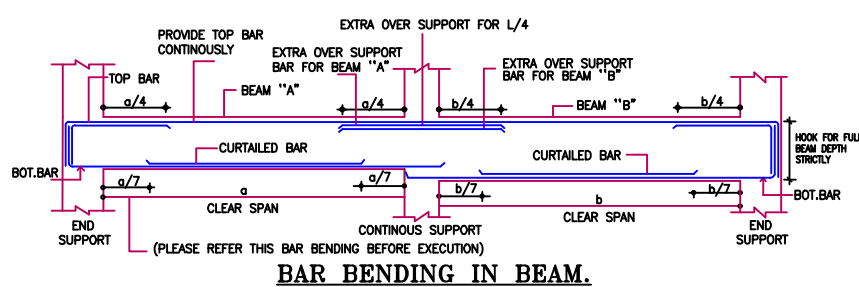


**SCHEDULE OF FIRST FLOOR LEVEL R.C.C BEAMS**

| NAME OF FLOOR BEAMS. | OVER ALL SIZE |      | TOP REINFORCEMENT           |                     | BOTTOM REINFORCEMENT        |                          | STIRRUPS                 |                | REMARKS        |
|----------------------|---------------|------|-----------------------------|---------------------|-----------------------------|--------------------------|--------------------------|----------------|----------------|
|                      | B             | D    | STRAIGHT BARS (FULL LENGTH) | EXTRA TOP (SUPPORT) | STRAIGHT BARS (FULL LENGTH) | CURTAIN BARS (AT CENTER) | OVER SUPPORT (UP TO L/4) | AT CENTER      |                |
| CB1                  | 0.23          | 0.60 | 2 - 16                      | 2 - 20              | 2 - 16                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB1                  | 0.23          | 0.60 | 2 - 16                      | 3 - 20              | 3 - 20                      | 1 - 20                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB2                  | 0.23          | 0.60 | 2 - 16                      | 2 - 16              | 2 - 16                      | 2 - 16                   | 8 Ø 125mm c/c            | 8 Ø 125mm c/c  | SIDE FACE 2-12 |
| CB3                  | 0.23          | 0.60 | 3 - 16                      | 2 - 20              | 3 - 16                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB3                  | 0.23          | 0.60 | 3 - 16                      | 2 - 20              | 3 - 16                      | 1 - 20                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| CB4                  | 0.23          | 0.60 | 3 - 20                      | ----                | 3 - 16                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB4                  | 0.23          | 0.60 | 2 - 20                      | 2 - 20              | 3 - 20                      | 1 - 25                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB5                  | 0.23          | 0.60 | 2 - 20                      | 2 - 25              | 3 - 20                      | 1 - 25                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB6                  | 0.23          | 0.53 | 2 - 16                      | 2 - 16              | 2 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB7                  | 0.23          | 0.53 | 2 - 16                      | 3 - 16              | 2 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB8                  | 0.23          | 0.45 | 2 - 16                      | 2 - 16              | 2 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB9                  | 0.23          | 0.60 | 3 - 16                      | 2 - 16              | 3 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB10                 | 0.30          | 0.75 | 3 - 20                      | 4 - 25              | 3 - 25                      | 3 - 25                   | 10 Ø 100mm c/c           | 10 Ø 100mm c/c | SIDE FACE 2-12 |
| FB11                 | 0.23          | 0.45 | 2 - 12                      | 2 - 16              | 2 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB12                 | 0.23          | 0.45 | 2 - 16                      | 2 - 16              | 3 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB13                 | 0.23          | 0.60 | 3 - 20                      | 3 - 20              | 3 - 20                      | 3 - 20                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB14                 | 0.23          | 0.53 | 3 - 16                      | 2 - 20              | 3 - 16                      | 2 - 16                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB15                 | 0.23          | 0.53 | 3 - 20                      | 2 - 20              | 3 - 25                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB16                 | 0.23          | 0.45 | 2 - 16                      | ----                | 2 - 16                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| FB17                 | 0.23          | 0.60 | 3 - 16                      | 2 - 20              | 3 - 20                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  | SIDE FACE 2-12 |
| FB18                 | 0.23          | 0.53 | 3 - 16                      | 2 - 20              | 3 - 16                      | 2 - 20                   | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |
| HB                   | 0.23          | 0.15 | 2 - 16                      | ----                | 2 - 16                      | ----                     | 8 Ø 100mm c/c            | 8 Ø 100mm c/c  |                |

**SCHEDULE OF FIRST 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    |
| S5.           | 150       | 8 mm TOR @ 150mm c/c                    | 8 mm TOR @ 150mm c/c  | 8 mm TOR @ 150mm c/c                    | -----                | ONE WAY SLAB    |
| S6.           | 150       | 12 mm TOR @ 150mm c/c                   | 12 mm TOR @ 150mm c/c | 8 mm TOR @ 150mm c/c                    | -----                | TWO WAY SLAB    |
| CS            | 150       | 12 mm TOR @ 150mm c/c in both direction |                       | 10 mm TOR @ 150mm c/c in both direction |                      | CANTILEVER SLAB |



| DESHUTTERING PERIOD |          |           |           | L | DIA. OF BAR IN mm. | 8   | 10  | 12  | 16  | 20  | 25  | 32  |
|---------------------|----------|-----------|-----------|---|--------------------|-----|-----|-----|-----|-----|-----|-----|
| SPAN IN M.          | UPTO 4.5 | ABOVE 4.5 | ABOVE 6M. |   |                    |     |     |     |     |     |     |     |
| SLABS               | 7 DAYS   | 14 DAYS   | 14 DAYS   | A | COLUMNS.           |     |     | 20" | 26" | 32" | 40" | 52" |
| BEAMS               | 14 DAYS  | 21 DAYS   | 21 DAYS   | P | BEAMS AND SLABS.   | 20" | 24" | 30" | 40" | 48" | 60" | 78" |

**FLOOR DETAILS OR KEY PLAN**



**NOTES**

- Contractor to check all the dimensions on site.
- Any discrepancy in drg or on the site should be brought to the notice of Structural Engineer & Architect immediately.
- Do not scale the drawing follow written dimensions.
- Grade of concrete : M25  
Grade of steel : Fe500
- Cover for beams : 1"  
Cover for slab : 0.75"
- Design of centering, shuttering & concrete mix is the responsibility of contractor.
- Span steel curtailed at 0.15L  
Tension steel is for 0.25L
- 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

Title: STRUCTURAL DETAILS FOR GROUND 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, Mtech 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:- Bagalokt (CA2018/74563, MS. G.M. MOHITE)

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

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