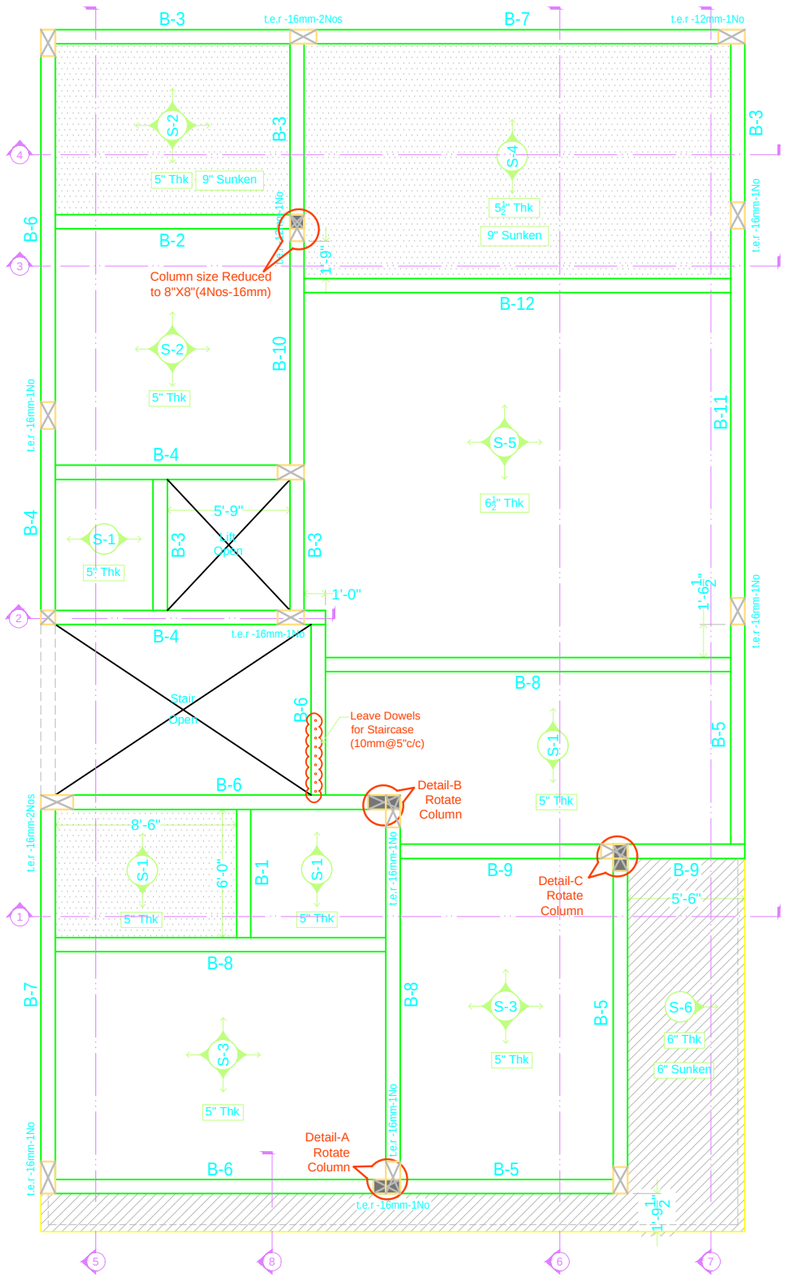
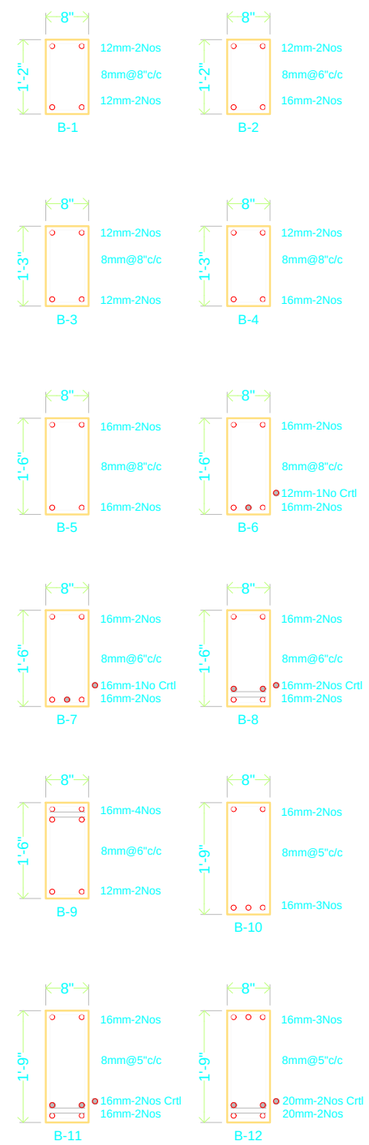


Beam Details:



ROOF SLAB DETAILS

TYPE	THK	MAIN (along short span)	DIST (along long span)	REMARKS
S-1	5"	8mm @ 6" C/C	8mm @ 8" C/C	One way Slab
S-2	5"	8mm @ 6" C/C	8mm @ 6" C/C	Two way Slab
S-3	5"	10mm @ 7" C/C	8mm @ 7" C/C	Two way Slab
S-4	5½"	10mm @ 6" C/C	8mm @ 8" C/C	One way Slab
S-5	6½"	10mm @ 5" C/C	10mm @ 5" C/C	Two way Slab
S-6	6"	10mm @ 6" C/C	8mm @ 6" C/C	Cantilever Slab

NOTES:

1. The structural drawing will have to be read in conjunction with architectural drawing.
   Any discrepancy will have to be brought to the notice of structural engineer immediately.
2. Use **Fe500 grade steel** and shall confirm to IS1786-2008.
3. Use **M20 grade concrete** and design mix proportion as per IS10262:2019.
4. Clear cover to reinforcement is as per IS 456:2000.
   Clear cover for
   Beam - 25mm.
   Slab - 20mm.
5. Lapping length for reinforcement is 50 times the diameter of bar.
6. Not more than 50 percent of area of steel bars shall be spliced at any one section.
7. Formwork stripping time as per IS 456 : 2000
   Vertical formwork - 1 day
   (Columns, beams, walls)
   Soffit formwork of slabs :
   Spanning upto 4.5m - 7 days
   Spanning over 4.5m - 14 days
   Soffit formwork of beams :
   Spanning upto 6m - 14 days
   Spanning over 6m - 21 days

- Sunk by 6"

- Sunk by 9"