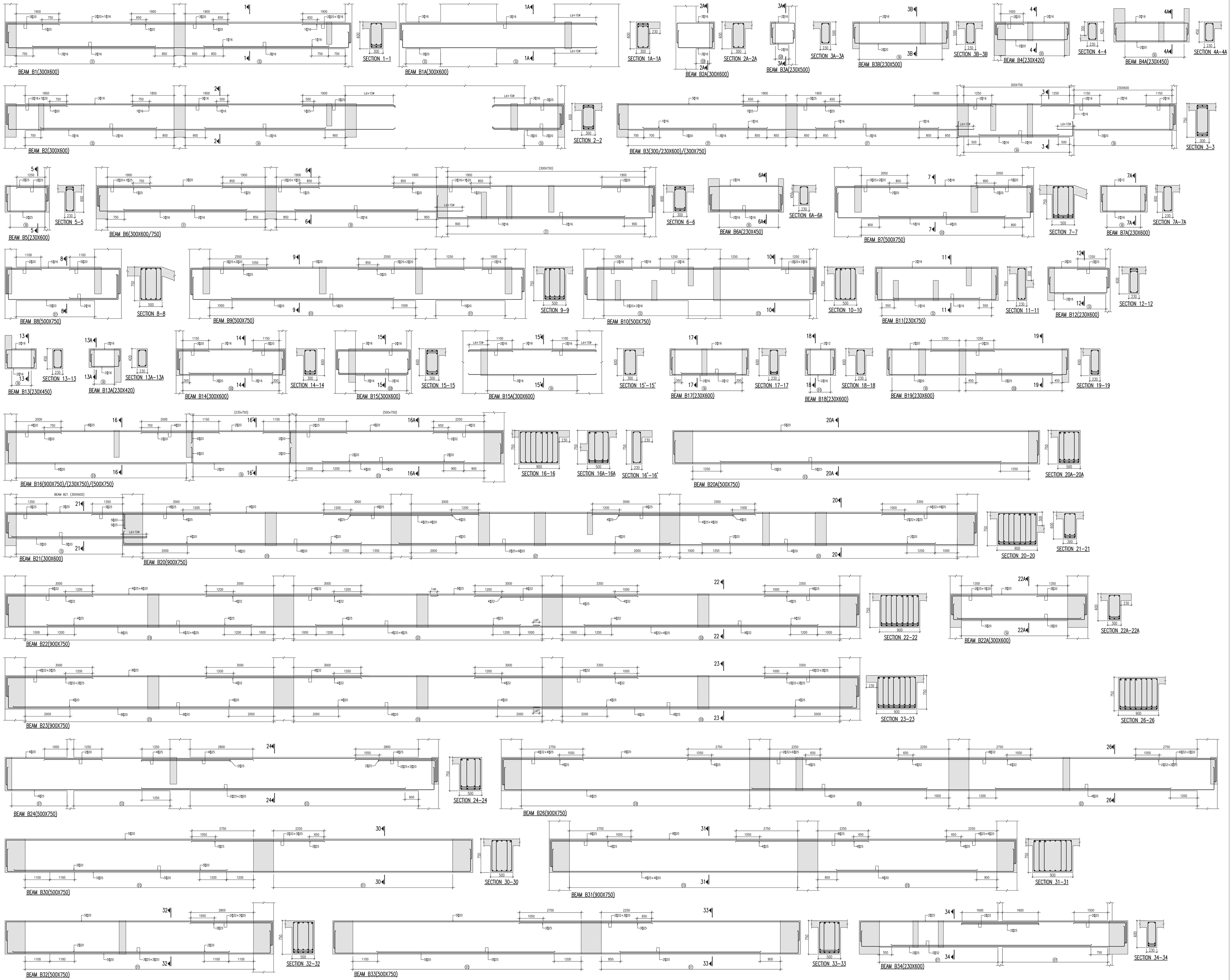


## NOTES :-

1. ALL DIMENSIONS ARE IN MILLIMETRES
2. DO NOT SCALE ANY DIMENSION
3. READ THIS DRG. ALONG WITH ARCHITECTURAL DRG. IN CASE OF ANY DISCREPANCY BEING NOTED IT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMMENCING THE WORK.
4. THE CLEAR COVER SHOWN IN TABLE BELOW SHALL BE FROM THE OUTER FACE OF THE STRUCTURAL ELEMENT TO THE TIES FOR BEAMS & COLUMNS AND TO THE MAIN REINFORCEMENT FOR SLABS.

| ITEM | GRADE OF CONCRETE | GRADE OF STEEL | CLEAR COVER |
|---|---|---|---|
| BEAMS | M25 | Fe500 | 25 mm |
| SLABS | M25 | Fe500 | 20 mm |

Ld – 49ø

REFER DRAWING
FOR FIRST FLOOR FRAMING PLAN
DWG NO:– NIT–S–GJ–102

## SCHEDULE OF STIRRUPS

| MARKS | DISCRIPTION | (MIN. 2D) 0.2L | 0.6L | (MIN. 2D) 0.2L |
|---|---|---|---|---|
| (1) | ⊗8(2L) | @150c/c | @200c/c | @150c/c |
| (2) | ⊗8(2L) | @130c/c | @200c/c | @130c/c |
| (3) | ⊗8(2L) | @125c/c | @125c/c | @125c/c |
| (4) | ⊗10(2L) | @150c/c | @200c/c | @150c/c |
| (5) | ⊗10(2L) | @100c/c | @100c/c | @100c/c |
| (6) | ⊗8(2L) | @200c/c | @200c/c | @200c/c |
| (7) | ⊗10(2L) | @125c/c | @175c/c | @125c/c |
| (8) | ⊗10(2L) | @150c/c | @150c/c | @150c/c |
| (9) | ⊗8(2L) | @100c/c | @200c/c | @100c/c |
| (10) | ⊗10(4L) | @150c/c | @200c/c | @150c/c |
| (11) | ⊗8(4L) | @200c/c | @200c/c | @200c/c |
| (12) | ⊗8(4L) | @150c/c | @175c/c | @150c/c |
| (13) | ⊗8(2L) | @150c/c | @150c/c | @150c/c |
| (14) | ⊗10(8L) | @125c/c | @125c/c | @125c/c |
| (15) | ⊗8(6L) | @200c/c | @200c/c | @200c/c |
| (16) | ⊗10(2L) | @100c/c | @100c/c | @100c/c |
| (17) | ⊗12(2L) | @100c/c | @100c/c | @100c/c |
| (18) | ⊗8(6L) | @150c/c | @200c/c | @150c/c |
| (19) | ⊗8(8L) | @125c/c | @200c/c | @125c/c |
| (20) | ⊗8(4L) | @125c/c | @175c/c | @125c/c |
| (21) | ⊗8(8L) | @150c/c | @175c/c | @150c/c |
| (22) | ⊗8(8L) | @150c/c | @150c/c | @150c/c |
| (23) | ⊗10(8L) | @125c/c | @200c/c | @125c/c |
| (24) | ⊗8(8L) | @125c/c | @150c/c | @125c/c |
| (25) | ⊗10(8L) | @150c/c | @200c/c | @150c/c |
| (26) | ⊗8(8L) | @100c/c | @100c/c | @100c/c |
| (27) | ⊗8(8L) | @100c/c | @100c/c | @100c/c |
| (28) | ⊗8(2L) | @100c/c | @100c/c | @100c/c |
| (29) | ⊗10(2L) | @125c/c | @125c/c | @125c/c |
| (30) | ⊗8(4L) | @150c/c | @150c/c | @150c/c |

NOTE:– •D= DEPTH OF THE BEAM
•L= CLEAR SPAN OF BEAM

| No. | Date | By | Description |
|---|---|---|---|
| 1. | — | — | — |

ISSUES

| No. | Date | By | Description |
|---|---|---|---|

Revisions

Key Plan

KEY PLAN

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ISO TITLE
GOLDEN JUBILEE BUILDING
NATIONAL INSTITUTE OF TECHNOLOGY,
ROURKELA

Drawing Title
FIRST FLOOR BEAM DETAILS

| | | |
|---|---|---|
| Job No. | | Drawing No. |
| Drawn Mahmood | Checked Chary | NIT-S-GJ-102B |
| Date 15-05-2014 | Scale 1:50 | Revisions |