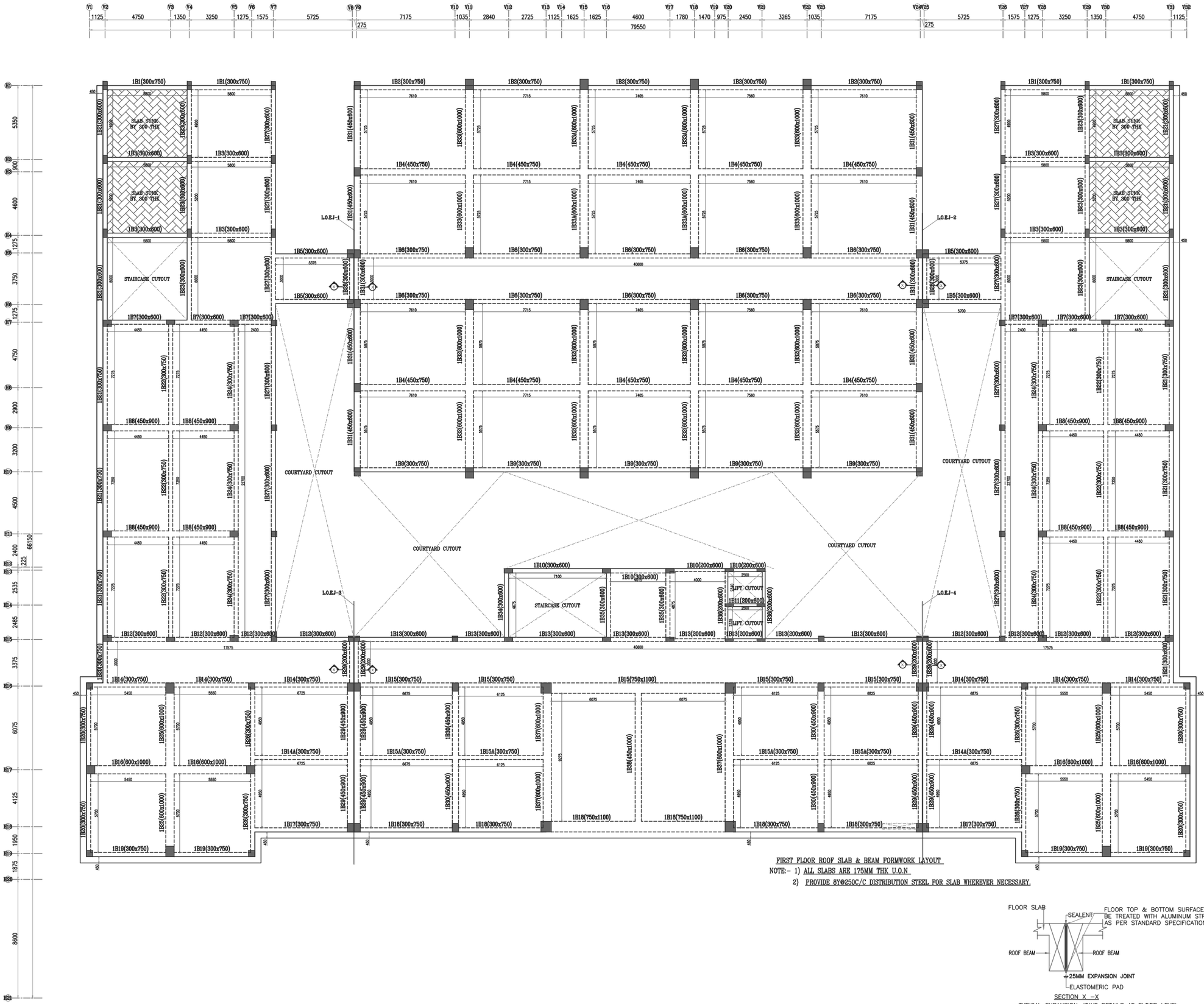
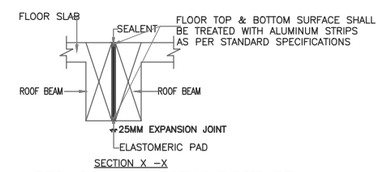



FIRST FLOOR ROOF SLAB & BEAM FORMWORK LAYOUT

NOTE:- 1) ALL SLABS ARE 175MM THK U.O.N

2) PROVIDE 8Y@250C/C DISTRIBUTION STEEL FOR SLAB WHEREVER NECESSARY.




SECTION X -X

TYPICAL EXPANSION JOINT DETAILS AT FLOOR LEVEL

## NOTES-CAMBER

1) SHUTTERING SHALL BE LIFTED AT THE CENTER OF SIMPLE/ CONTINUOUS SPANS AND FREE END OF CANTILEVERS AS PER DRAWINGS.
   a) FREE END OF CANTILEVERS = 15 mm.
   b) CENTER OF CAMBER FOR BEAMS
      5m to 7m SPAN = 25mm
      7m to 9m SPAN = 35mm
      9m to 12m SPAN = 50mm
      12m to 17m SPAN = 75mm
   c) FOR SLABS
      4m to 5m SPAN = 15mm
      5m to 6m SPAN = 20mm
      6m to 7m SPAN = 25mm
      7m to 8m SPAN = 35mm
2). USE PIN RODS OF SECOND LAYER AND THIRD LAYER REINFORCEMENT IN BEAMS TO BE TIED WITH PIN RODS OF 20Y FOR 12/16/20MM BARS AND 25Y FOR 25/32MM BARS ONLY.
3) CHAIRS TO BE PROVIDED TO SUPPORT TOP REINFORCEMENT IN SLABS USING SUITABLE DIA BARS OF 10MM / 12MM DIA AT 1.5M TO 2.0 M INTERVALS WITH APPROVAL OF ENGINEER / CONSULTANT.

NOTE: 1) GRADE OF CONCRETE-M25
2) GRADE OF STEEL-Fe550D
3) COVER FOR FLOOR BEAM - 30mm
4) COVER FOR FLOOR SLAB - 25mm

FOR NOTES AND SPECIFICATION REFER DRAWING No.
NC/STR/N4/JOB.NO/2022(V)/GTTC– SINDHANOOR/GN&GD/01&01A

KEY PLAN :

VERIFIED BY

DY. MANAGER-PROJECT
GT&TC

MANAGER-PROJECT
GT&TC

CLIENT :

GOVT.TOOL ROOM AND TRAINING CENTRE
RAJAJINAGAR INDUSTRIAL ESTATE, BANGALORE-560010

PROJECT:

ESTABLISHMENT OF NEW GTTC CENTRE AT SINDHANOOR IN RAICHUR DISTRICT.

CONSULTANTS:

NAVEEN CONSULTANTS
ARCHITECTS & ENGINEERING CONSULTANTS
#1398,2nd floor,2nd Cross,Ashoka Nagara
(Behind B.M.S Engineering College Hostel)
Bangalore - 560050.
Ph-080-26620836(o),Fax-26620836
Email:-naveenconsultants@gmail.com,
naveenconsultants1@gmail.com

TITLE:

TRAINING BLOCK WITH WORKSHOP

DRAWING:

FIRST FLOOR ROOF SLAB & BEAM FORMWORK LAYOUT

| | |
|---|---|
| DRAWN BY : GSR | DATE : 14/10/2025 |
| DESIGN BY : MV | SCALE : NTS |
| CHECKED BY: KVNS | SHEET : A1 |

DWG NO: TB & WS – 08

NC–N4–2022(V)–GTTC–SINDHANOOR–RAICHUR

RELEASED FOR: ☐ Preliminary Drawing ☑ Tender Only ☐ Information Only ☐ For Approval ☐ For Construction