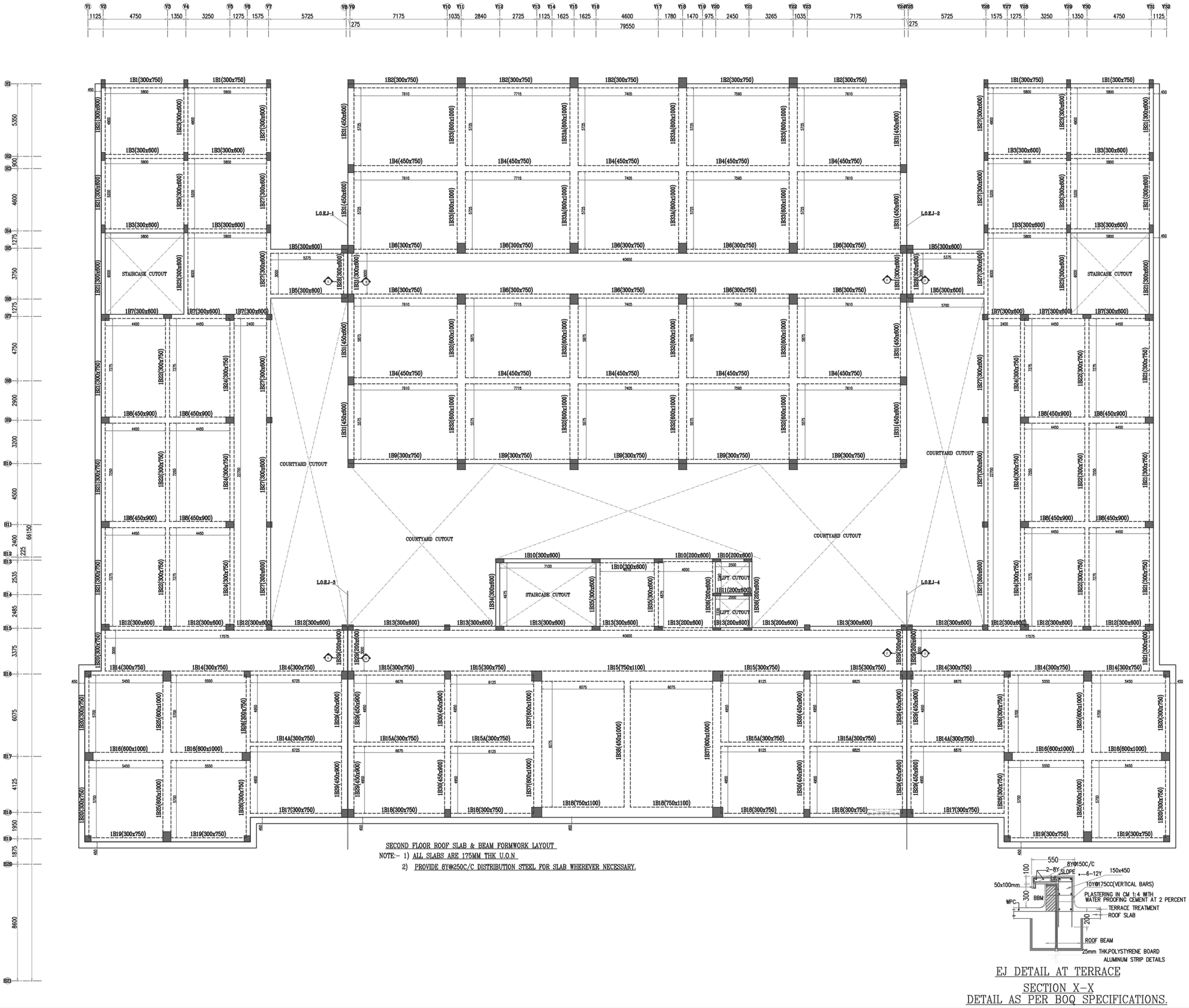

SECOND FLOOR ROOF SLAB & BEAM FORMWORK LAYOUT

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

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

EJ DETAIL AT TERRACE

SECTION X-X

DETAIL AS PER BOQ SPECIFICATIONS.

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:

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naveenconsultants1@gmail.com

TITLE: TRAINING BLOCK WITH WORKSHOP

DRAWING: SECOND 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 – 09

NC–N4–2022(V)–GTTC–SINDHANOOR–RAICHUR

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