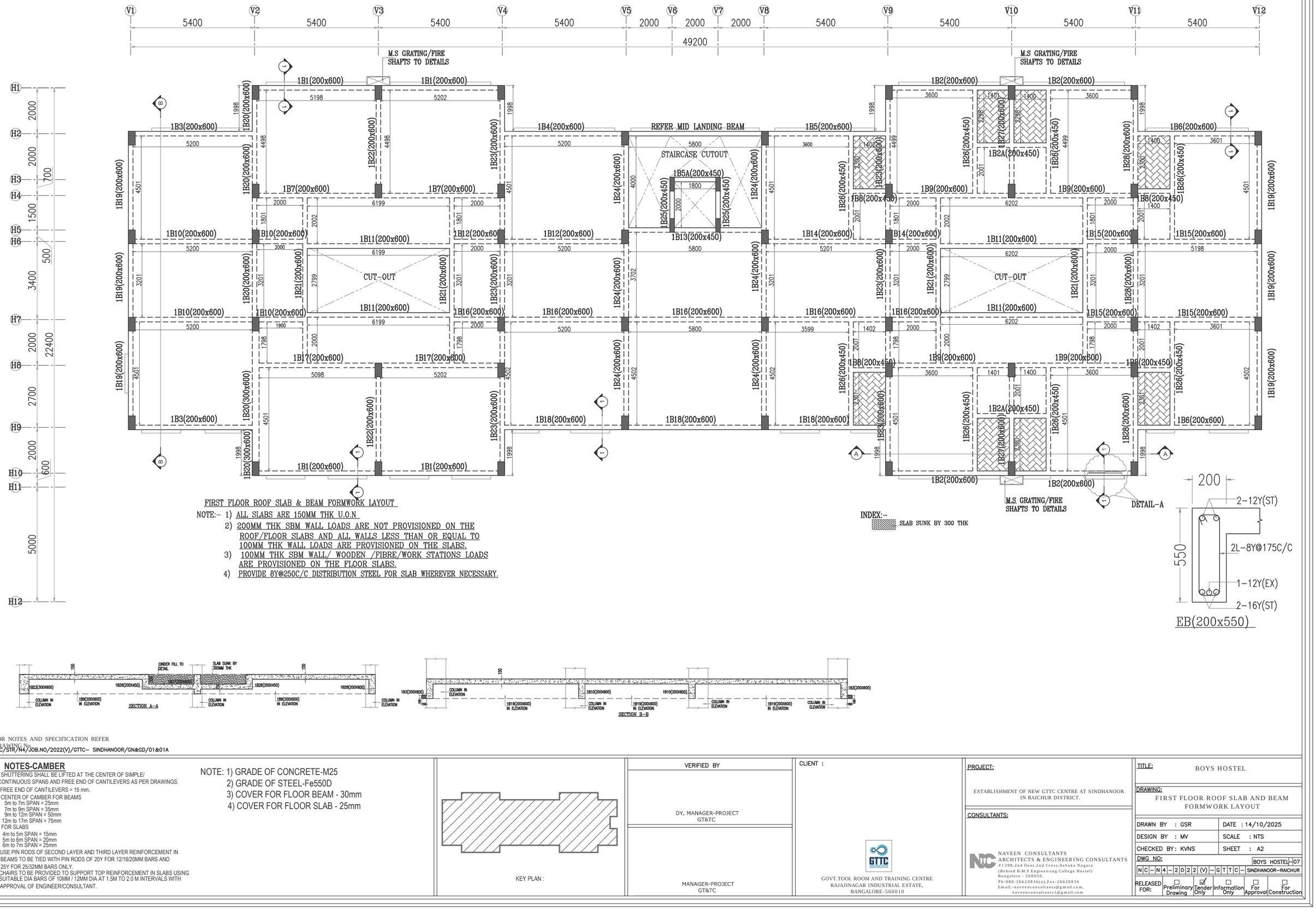

FIRST FLOOR ROOF SLAB & BEAM FORMWORK LAYOUT

NOTE:- 1) ALL SLABS ARE 150MM THK U.O.N
2) 200MM THK SBM WALL LOADS ARE NOT PROVISIONED ON THE ROOF/FLOOR SLABS AND ALL WALLS LESS THAN OR EQUAL TO 100MM THK WALL LOADS ARE PROVISIONED ON THE SLABS.
3) 100MM THK SBM WALL/ WOODEN /FIBRE/WORK STATIONS LOADS ARE PROVISIONED ON THE FLOOR SLABS.
4) PROVIDE 8Y@250C/C DISTRIBUTION STEEL FOR SLAB WHEREVER NECESSARY.

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

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
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

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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TITLE: BOYS HOSTEL

DRAWING: FIRST FLOOR ROOF SLAB AND BEAM FORMWORK LAYOUT

DRAWN BY : GSR	DATE : 14/10/2025
DESIGN BY : MV	SCALE : NTS
CHECKED BY: KVNS	SHEET : A2

DWG NO: NC-N4-2022(V)-GTTC-SINDHANOOR-RAICHUR-BOYS HOSTEL-07

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