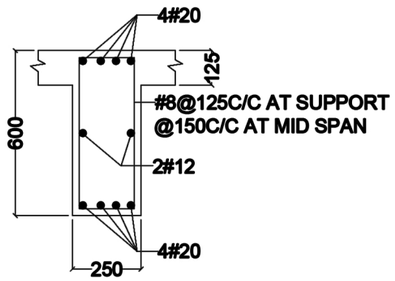
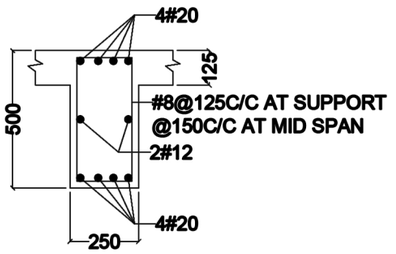
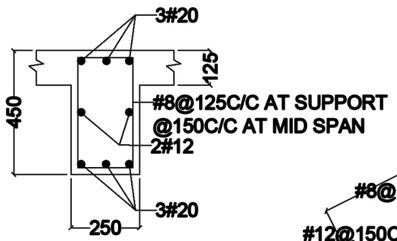


ROOF BEAM RB1(250X600)



ROOF BEAM RB1A(250X500)



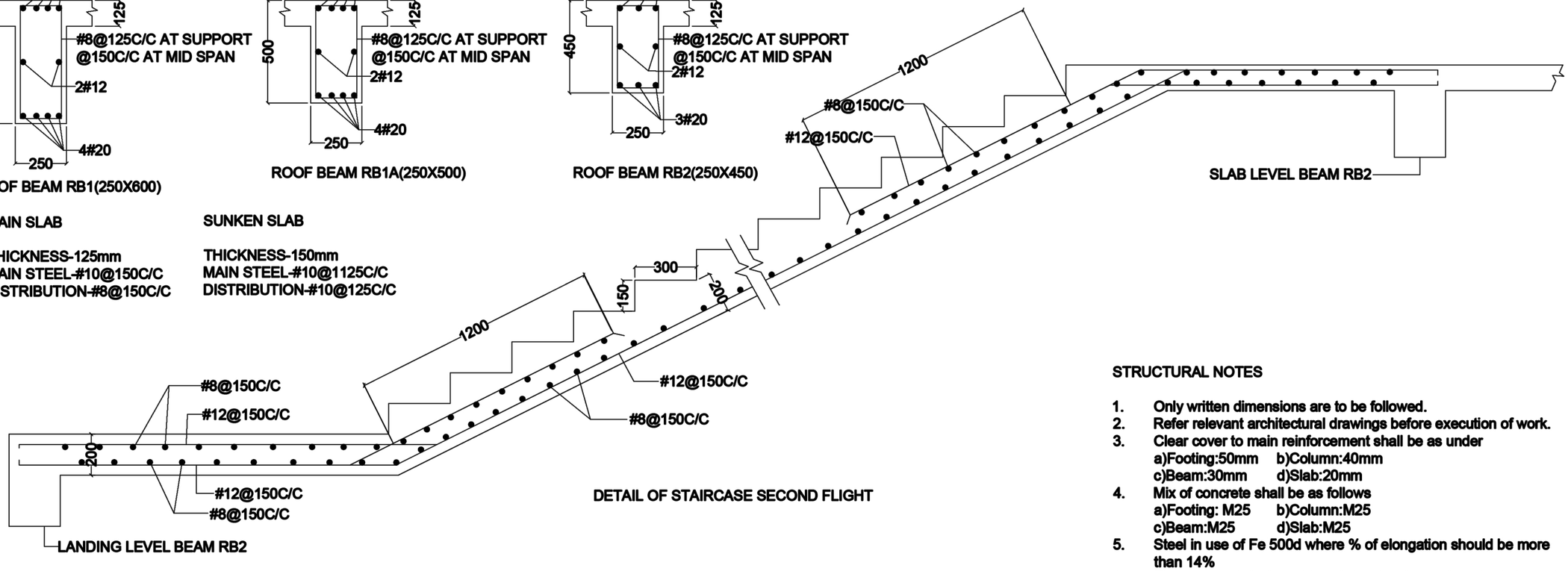
ROOF BEAM RB2(250X450)

MAIN SLAB

THICKNESS-125mm
MAIN STEEL-#10@150C/C
DISTRIBUTION-#8@150C/C

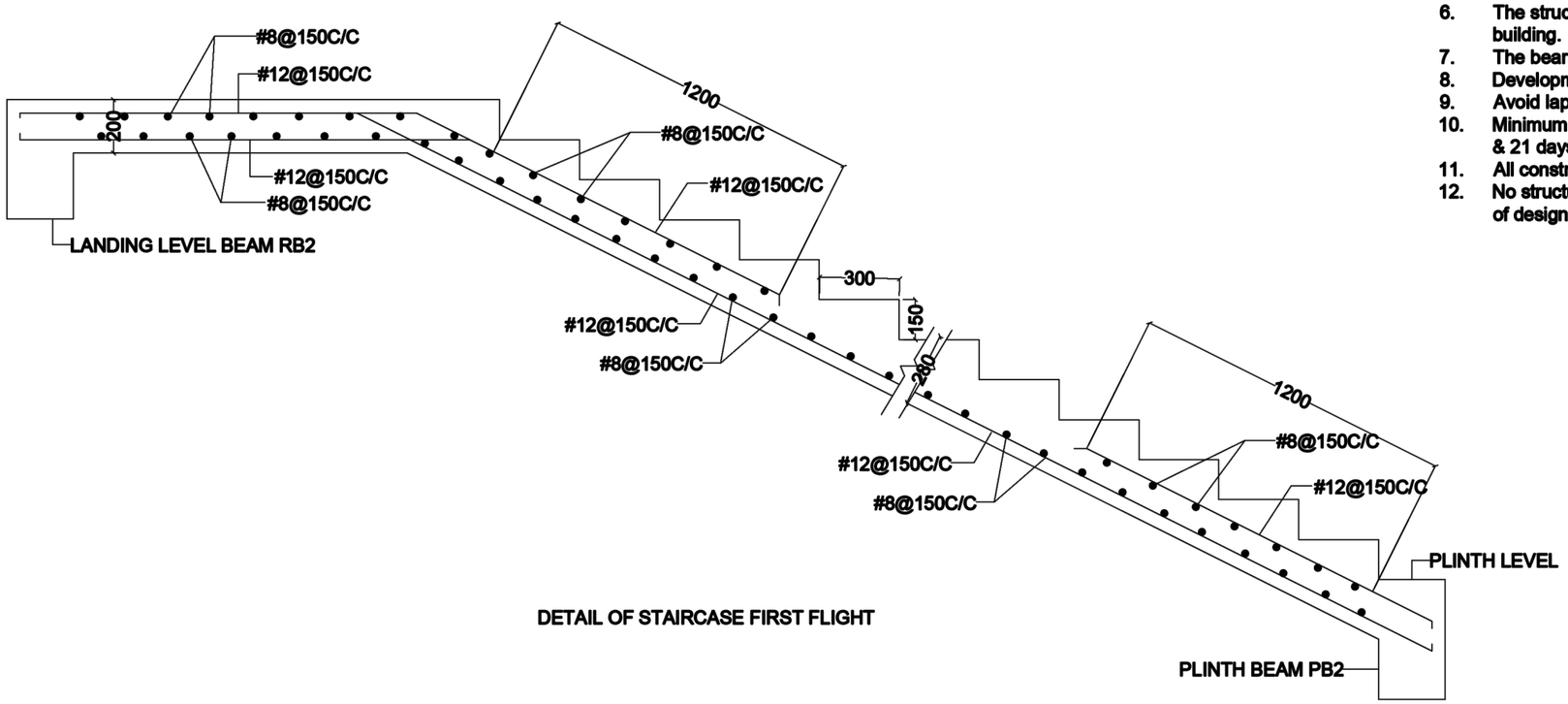
SUNKEN SLAB

THICKNESS-150mm
MAIN STEEL-#10@1125C/C
DISTRIBUTION-#10@125C/C



DETAIL OF STAIRCASE SECOND FLIGHT

SLAB LEVEL BEAM RB2



DETAIL OF STAIRCASE FIRST FLIGHT

STRUCTURAL NOTES

1. Only written dimensions are to be followed.
2. Refer relevant architectural drawings before execution of work.
3. Clear cover to main reinforcement shall be as under
   a)Footing:50mm b)Column:40mm
   c)Beam:30mm d)Slab:20mm
4. Mix of concrete shall be as follows
   a)Footing: M25 b)Column:M25
   c)Beam:M25 d)Slab:M25
5. Steel in use of Fe 500d where % of elongation should be more than 14%
6. The structural design of foundation has been done for 3 stroyed building.
7. The bearing capacity of soil is being considered as 150KN/sqm
8. Development length of bars in beams shall be 57x dia
9. Avoid lapping at column & beam joints
10. Minimum stripping time of framework shall be 24 hours for column & 21 days for slab & beams.
11. All construction joints must shall be made vertical.
12. No structural damage/cutting is permissible without prior approval of designer.

PROPOSED CONTROL ROOM FOR OPTCL (GRID STANDARDIZATION)

14.03.2022
Professor
Civil Engineering Department
IGIT Sarang, Odisha

STATEMENT OF AREAS	
GROUND FLOOR AREA	345 SQM
FIRST FLOOR AREA	324 SQM
TOTAL	669 SQM

NOTES

1. ONLY WRITTEN DIMENSIONS ARE TO FOLLOWED
2. ALL DIMENSIONS ARE IN MILIMETRE UNLESS OTHERWISE SPECIFIED.
3. DOUBTS AND DESCRIPANCIES SHOULD BE CLARIFIED FROM THIS OFFICE BEFORE IMPLEMENTATION
4. COPY RIGHTS RESERVED

ARCHITECT

SPACE ARCH ARCHITECTS
D.K.PARIDA
REGD NO. CA/94/17260

CONSULTANT

SPACE ARCH
ARCHITECTS:ENGINEER:PLANER
205,JAYADEV VIHAR, BHUBANESWAR

CONTENTS

DETAIL OF SLAB BEAM AND STAIRCASE

SCALE	NTS
SHEET NO.	ST-09
DATE	15 12 2022