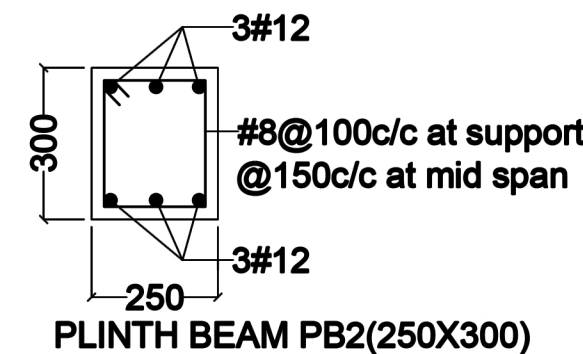
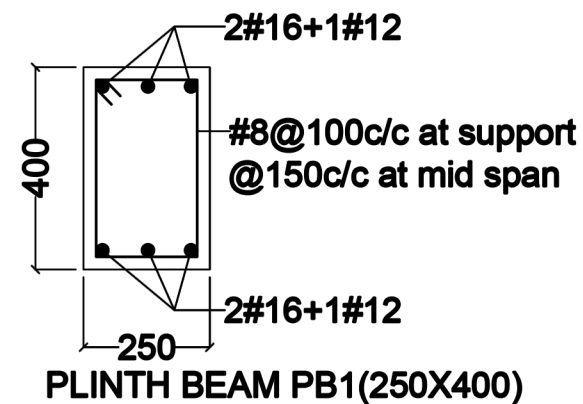
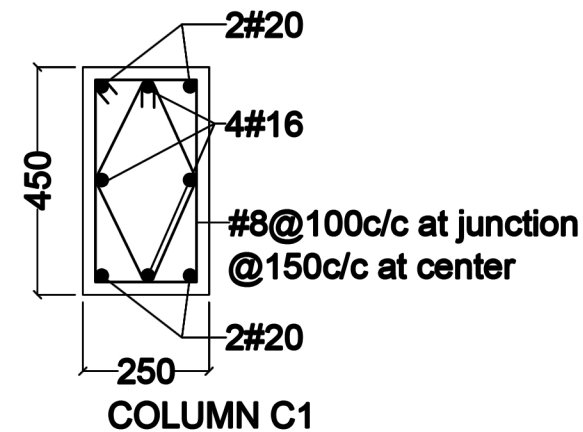
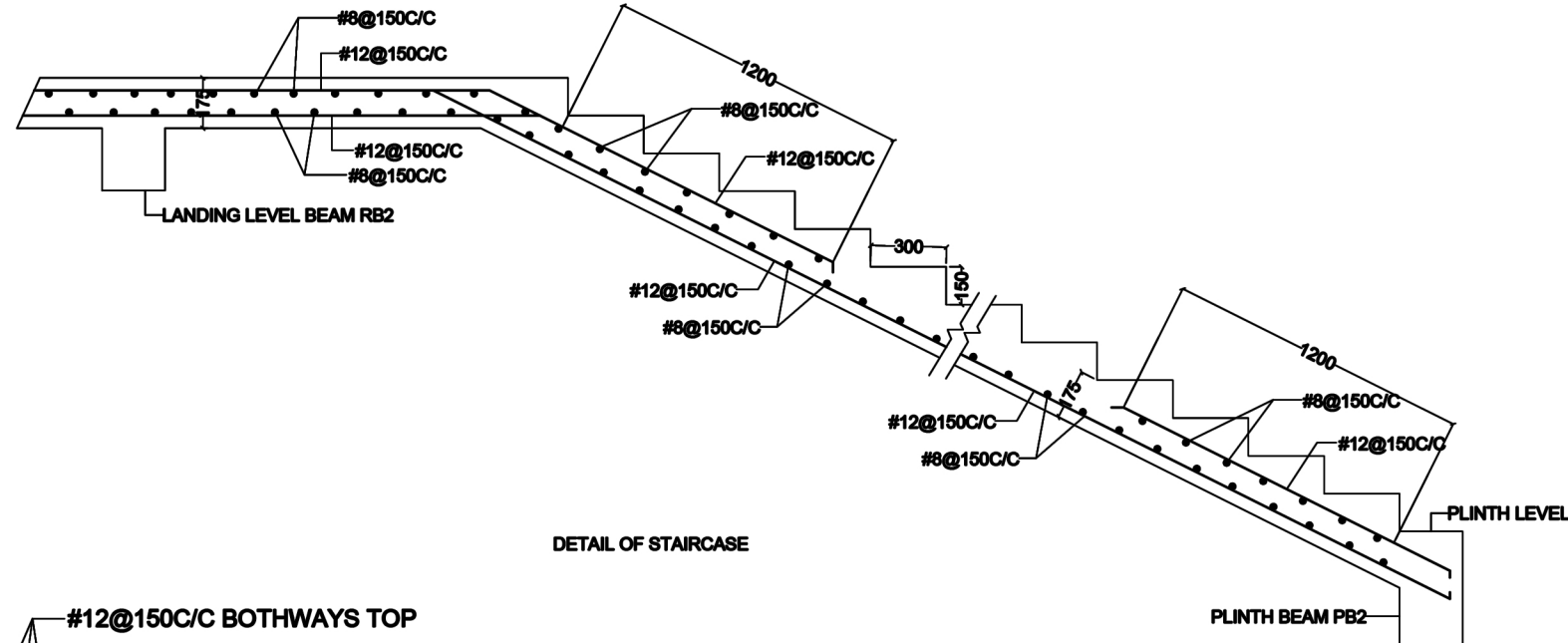


DETAIL OF STAIRCASE



## OPTCL TRANSIT HOUSE (GRID STANDARDIZATION)

### GENERAL NOTES

1. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWINGS. ANY DISCREPANCY IF FOUND SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT.
2. ALL DIMENSIONS ARE IN MM & LEVELS IN MILLIMETERS.
3. DO NOT SCALE ANY DIMENSION.
4. CONFIRM LOCATION OF WALLS WITH RELEVANT ARCH. DRGS.
5. FOR R.C.C. WORK USE MIX M25 CONFORMING TO IS 456 : 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
6. THE REINFORCEMENT SHALL BE COLD TWISTED DEFORMED BARS OR T.M.T BARS HAVING YIELD STRENGTH NOT LESS THAN 500 N/mm<sup>2</sup> AND CONFORMING TO IS. 1786 - 1979.
7. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS :
 

(a)	FOUNDATION	: 80 MM	surfaces in contact with earth
(b)	COLUMNS	: 40 MM	
(c)	BEAMS (top and bottom)	: 25 MM	side cover 25mm
(d)	SLABS	: 20 MM	
(e)	CHAJJAS/CANOPY	: 20 MM	
(f)	R.C.C. WALL	: 25 MM	
8. NORMAL COVER IS THE DEPTH OF CONCRETE COVER TO ALL STEEL REINFORCEMENT INCLUDING LINGS/ TIES/ STIRRUPS.
9. GRADE OF CONCRETE FOR ALL R.C.C. WORK IS M25.
10. NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED AT ANY SECTION. LAPS CLOSE TO THE MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORTS IN TOP BARS SHALL BE AVOIDED.
11. INDICATES TOP BARS
12. INDICATE BOTTOM BARS
13. OPENING IN STRUCTURAL ELEMENT
14. ALL R.C.C. TO BE MACHINE MIXED, VIBRATED AND CURED THOROUGHLY AS PER IS. 456 - LATEST.
15. ALL FOOTING ARE CENTRALLY PLACED WITH RESPECTED TO THE CENTRE LINE OF COLUMN.
16. REINFORCEMENT SHALL BE PROVIDED IN TWO LAYERS WHEREVER FOUND NECESSARY WITH SPACER BAR TO BE PROVIDED BETWEEN TWO LAYERS OF REINFORCEMENT AS PER IS:456.



14. ALL DIMENSIONS MUST BE CHECKED WITH ARCHITECT'S DRGS. & IN CASE OF ANY DISCREPANCY ARCHITECTS DRGS. SHALL PREVAIL.
15. ALL CONSTRUCTION JOINTS SHALL BE APPROVED BY CONSULTANT ON THE BASIS OF SCHEME PREPARED BY CONTRACTOR.
16. TOP AND BOTTOM EXTRA BARS IN BEAMS TO EXTEND BEYOND THE FACE OF SUPPORT AS SHOWN IN DRG UNLESS OTHERWISE SHOWN.
17. THE FIRST STIRRUPS IN BEAMS SHALL BE AT A DISTANCE OF 50MM FROM THE JOINT FACE THE SPECIAL CONFINING BE PROVIDED REINFORCEMENT SHALL THROUGH THE JOINT AT THE GIVEN SPACING IN COLUMNS.
18. ALL ANGLES ARE RIGHT ANGLES UNLESS OTHERWISE SPECIFIED.
19. PROVIDE DIST STEEL OVER EXTRA TOP BARS IS:8 @200 c/c (B)
20. #8@200C/C (B)
21. BLACK COTTON SOIL IF ENCOUNTERED IN FOM PITS SHALL BE FULLY REMOVED.
22. ALL LOOSE POCKETS OF SOIL BELOW FOUNDATION SHALL BE FILLED WITH P.C.C. 1:3:8 A SAFE BEARING CAPACITY 100 kN/m<sup>2</sup> HAS BEEN CONSIDERED FOR FOUNDATION AT THE DEPTH OF 2.0M BELOW N.G.L.
23. ALL SUSPENSION OR CONSTRUCTION WORKS SHALL BE DONE BY ENGINEER IN CHARGE.
24. ANY DISCREPANCY IN EXECUTION OF WORK AS/SITE OR NOT DONE AS PER STRUCTURAL DRAWING WILL BE TOTALLY RESPONSIBLE OF ENGINEER IN CHARGE.

CLIENT -

GOVERNMENT OF ODISHA

IMPLEMENTING AGENCY -

OPTCL, ODISHA

BUILDING TYPE / WORK -

TRANSIT HOUSE : ( G + 2 )

DRAWING TITLE -

DETAIL OF COLUMN,  
FOOTING AND STAIRCASE

DRAWING NUMBER -

ST-02

SCALE -

DESIGNED BY -

DATE -

Architects -



**SPACE ARCH**  
ARCHITECTS-ENGINEER-PLANNER  
205, JAYADEV VIHAR, BHUBANESWAR



AR. D.K. PARIDA  
REGD NO. CA94/17280

14.03.2022  
Professor  
Civil Engineering Department  
IGIT Sarang, Odisha