



STRUCTURAL NOTES

- Only written dimensions are to be followed.
- Refer relevant architectural drawings before execution of work.
- Clear cover to main reinforcement shall be as under
a) Footing: 50mm b) Column: 40mm
c) Beam: 30mm d) Slab: 20mm
- Mix of concrete shall be as follows
a) Footing: M25 b) Column: M25
c) Beam: M25 d) Slab: M25
- Steel in use of Fe 500d where % of elongation should be more than 14%
- The structural design of foundation has been done for 3 storyed building.
- The bearing capacity of soil is being considered as 150KN/sqm
- Development length of bars in beams shall be 57x dia
- Avoid lapping at column & beam joints
- Minimum stripping time of framework shall be 24 hours for column & 21 days for slab & beams.
- All construction joints must shall be made vertical.
- 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

- ONLY WRITTEN DIMENSIONS ARE TO FOLLOWED
- ALL DIMENSIONS ARE IN MILLIMETRE UNLESS OTHERWISE SPECIFIED.
- DOUBTS AND DESCRIPANCIES SHOULD BE CLARIFIED FROM THIS OFFICE BEFORE IMPLEMENTATION
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ARCHITECT

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CONSULTANT

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

CONTENTS

DETAIL OF FOOTING
SCALE NTS
SHEET NO. ST-02
DATE 15 12 2022