



FOUNDATION PLAN

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*Anu*

# NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
- THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING. ANY DISCREPANCY BETWEEN ARCH. DRAWING AND STRUCTURAL DRAWING SHALL BE RECONCILED BEFORE EXECUTION.
- DULY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSION SCALED FROM DRAWINGS.
- WATER FOR CONSTRUCTION PURPOSES SHALL CONFORM TO RELEVANT CLAUSES OF IS: 456-2000.
- BEARINGS FOR THE SLAB SHOULD BE PROVIDED FOR THE FULL WIDTH OF WALL UNLESS OTHERWISE SPECIFIED.
- ALL REINFORCED CEMENT CONCRETE SHALL BE DESIGN MIX M-25 CONFORMING TO IS: 456-2000. STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
- IN TWO WAY SLAB PLACE SHORT BARS IN BOTTOM LAYER.
- ALL STEEL REINFORCEMENT SHALL BE OF TMT TYPE CONFORMING TO IS: 1786 AND HAVING MINIMUM YIELD STRENGTH OF 415N/mm<sup>2</sup>.
- LAP LENGTH/DEVELOPMENT LENGTH FOR REINFORCEMENT BARS AS PER IS: 456-2000 SHALL BE 47 X DIA OF BAR FOR M-20. LAPS SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAXIMUM BENDING MOMENT.
- ALL BRICK IN THE MASONRY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm<sup>2</sup> UNLESS OTHERWISE SPECIFIED AND LAID IN 1:6 (1 CEMENT : 6 SAND) MORTAR.
- CLEAR COVER FOR:-  
SLAB - 20mm  
BEAM - 30mm  
FOUNDATION - 50mm  
COLUMNS - 40mm
- LAP SHOULD NOT BE PROVIDED.  
a) WITHIN A JOINT  
b) WITHIN A DISTANCE 2 d FROM JOINT FACE.  
c) WITHIN A DISTANCE X LENGTH OF MEMBER FROM THE JOINT FACE.
- NOT MORE THAN 50% OF BAR SHALL BE SPLICED AT ONE SECTION.
- THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
- CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH IS 11817.
- THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE, BUT IT SHALL NOT BE PROVIDED IN BEAM.
- EXPANSION JOINT SHALL BE AS PER DRAWING.

## REVISIONS

DESCRIPTION	DATE	BY

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PROJECT  
HOUSING AT GREATER NOIDA

PROJECT NO. *DRG NO. 225/11*  
SCALE 1:50, 1:25  
DATE :-27-06-2011

*Approved*  
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DRAWING TITLE  
FOUNDATION DETAIL