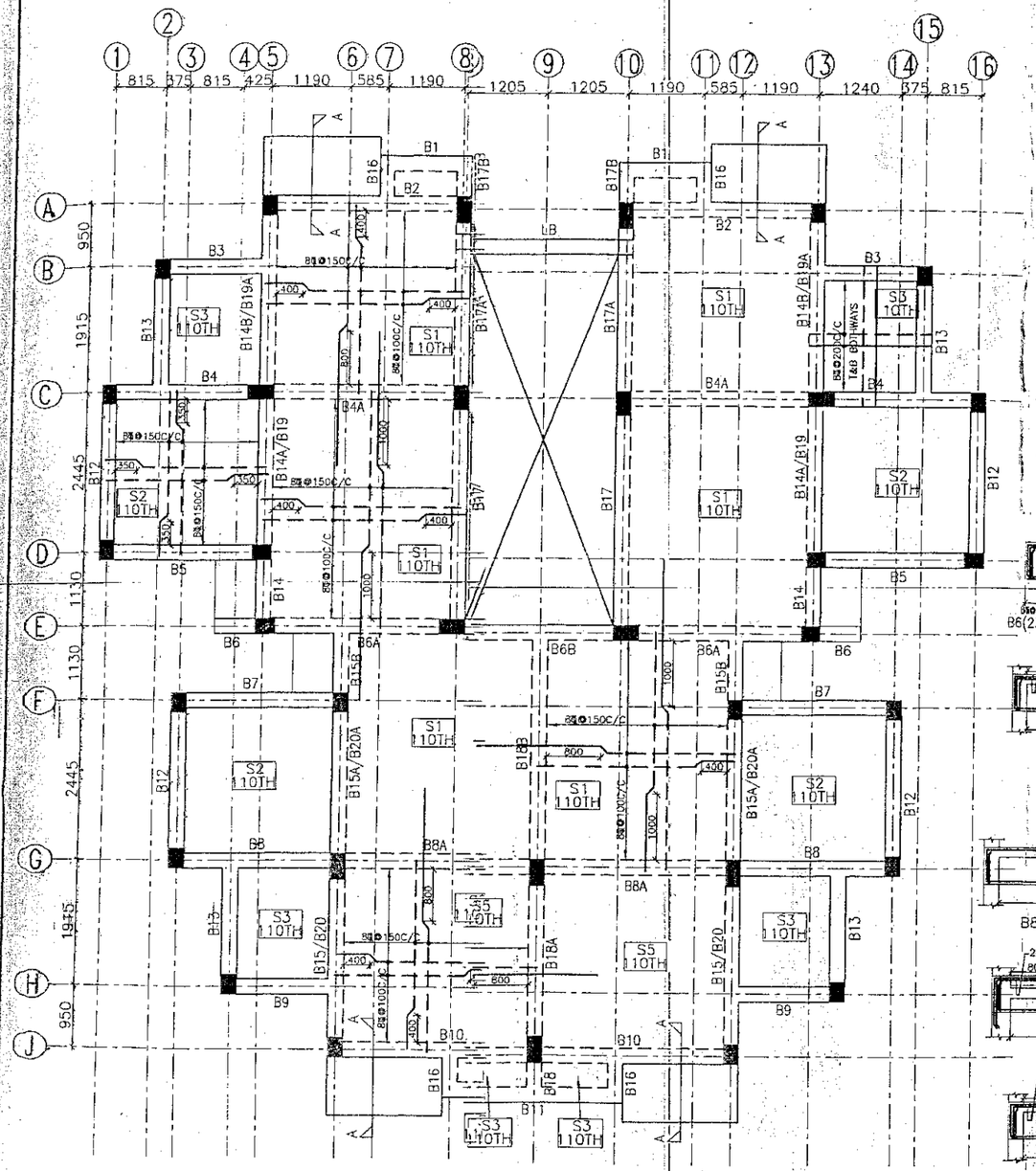

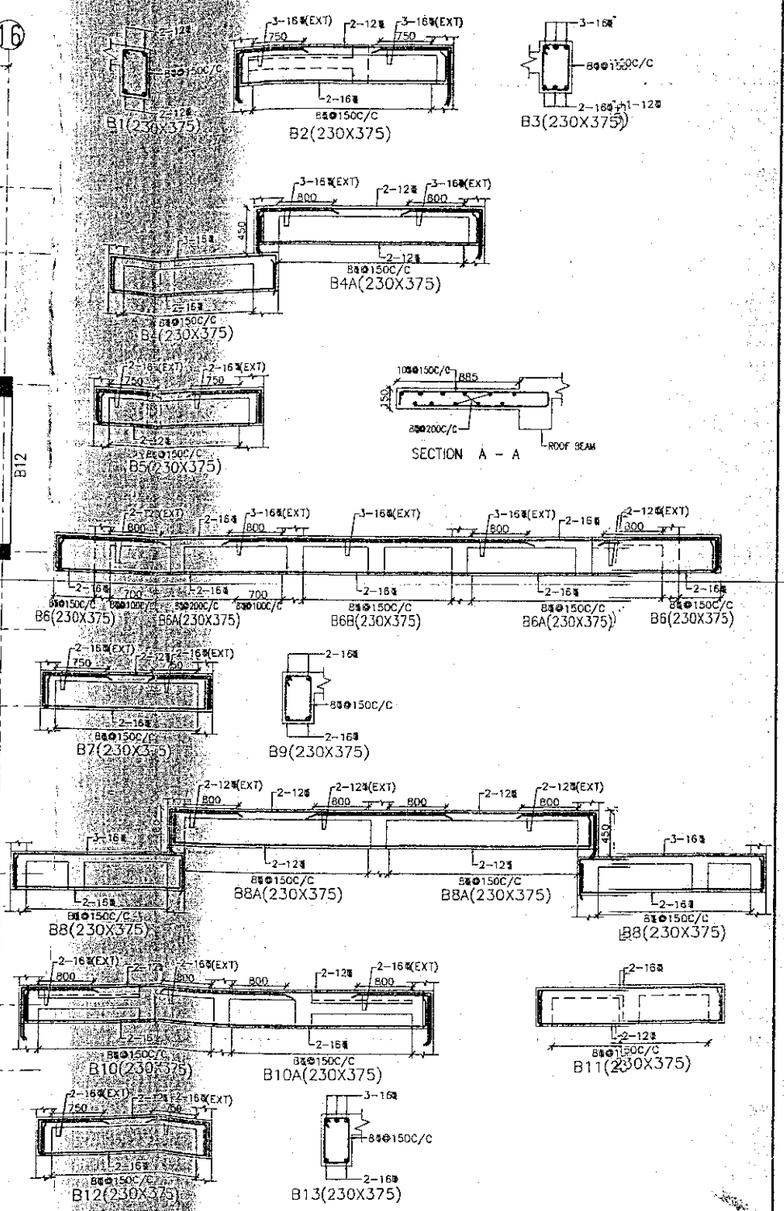

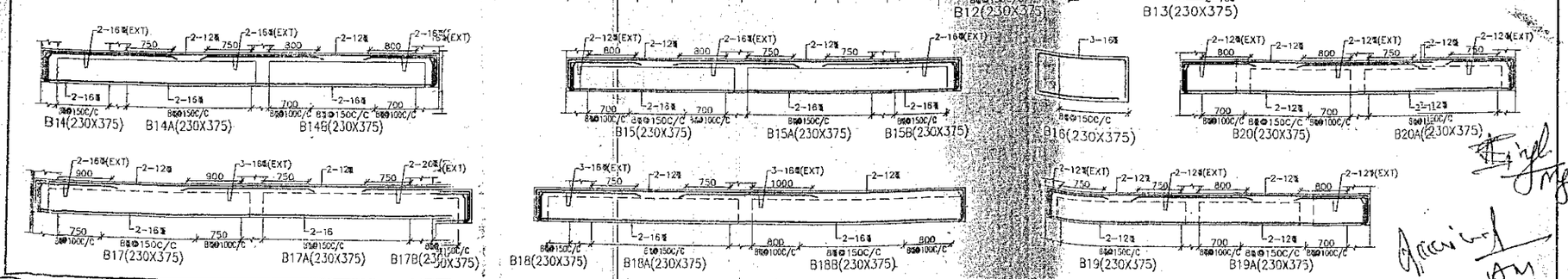

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
2. THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING. ANY DISCREPANCY BETWEEN ARCH. DRAWING AND STRUCTURAL DRAWING SHALL BE RECONCILED BEFORE EXECUTION.
3. DULY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSION SCALED FROM DRAWINGS.
4. WATER FOR CONSTRUCTION PURPOSES SHALL CONFORM TO RELAVANT CLAUSES OF I.S. 456-2000.
5. BEARINGS FOR THE SLAB SHOULD BE PROVIDED FOR THE FULL WIDTH OF WALL UNLESS OTHERWISE SPECIFIED.
6. ALL REINFORCED CEMENT CONCRETE SHALL BE DESIGN MIX M-25 CONFORMING TO I.S.: 456-2000 STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
7. IN TWO WAY SLAB PLACE SHORT BARS IN BOTTOM LAYER.
8. ALL STEEL REINFORCEMENT SHALL BE OF TMT TYPE CONFORMING TO I.S.: 1786 AND HAVING MINIMUM YIELD STRENGTH OF 415N/mm2
9. LAP LENGTH/DEVELOPMENT LENGTH FOR REINFORCEMENT BARS AS/ I.S.: 456-2000 SHALL BE 47 X DIA OF BAR FOR M-20, LAPS SHALL BE STAGGERED AND AVOVIDED AT THE POINT OF MAXIMUM BENDING MOMENT.
10. ALL BRICK IN THE MASONARY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm2 UNLESS OTHERWISE SPECIFIED AND LAID IN 1:6 (1 CEMENT : 6 SAND) MORTOR.
11. CLEAR COVER FOR:-
    SLAB – 20mm
    BEAM – 30mm
    FOUNDATION – 50mm
    COLUMNS – 40mm
12. LAP SHOULD NOT BE PROVIDED
    a) WITHIN A JOINT
    b) WITHIN A DISTANCE 2 d FROM JOINT FACE.
    c) WITHIN A DISTANCE ¼ LENGTH OF MEMBER FROM THE JOINT FACE.
13. NOT MORE THAN 50% OF BAR SHALL BE SPLICED AT ONE SECTION.
14. THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
15. CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH I.S 11817.
16. THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE. BUT IT SHALL NOT BE PROVIDED IN BEAM.
17. EXPANSION JOINT SHALL BE AS PER DRAWING.

REVISIONS

	DESCRIPTION	DATE	BY

ARCHITECT
ASHUTOSH KR. AGARWAL
202/A-2, ACHARYA NIKETAN, MAYUR VIHAR
PH-1 New Delhi-110 091
PH. :- 011-22757301, 9350333222

STRUCTURAL CONSULTANT
SANRACHNA CONSULTANTS
103, ANSAL'S MAJESTIC TOWER, PLOT NO.-17,
BLOCK G-1, VIKAS PURI, NEW DELHI-110018
PHONE:- 011-28545881, 9811 45 35 25
E MAIL :- sharad120@rediffmail.com

PROJECT

HOUSING AT GREATER NOIDA

Approved
Dr. T.K. Datta
Department of Civil Engineering
Indian Institute of Technology, Delhi
Hauz Khas, New Delhi-110016

PROJECT NO.

SCALE 1:50, 1:25

DATE :-27-06-2011

DRG NO. - R/S/E/03

DRAWN- AJAY

CHECKED-SHARAD GUPTA

DRAWING TITLE

TYPE FLOOR ROOF DETAIL