

FOUNDATION PLAN

Shri Arvind Anur

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 RELEVANT CLAUSES OF IS. 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 IS. 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 IS. 1786 AND HAVING MINIMUM YIELD STRENGTH OF 415N/mm²
9. 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.
10. ALL BRICK IN THE MASONRY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm² UNLESS OTHERWISE SPECIFIED AND LAID IN 1:6 (1 CEMENT : 6 SAND) MORTAR.
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 X 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 IS 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

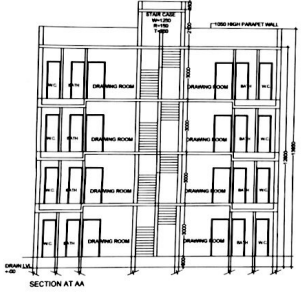
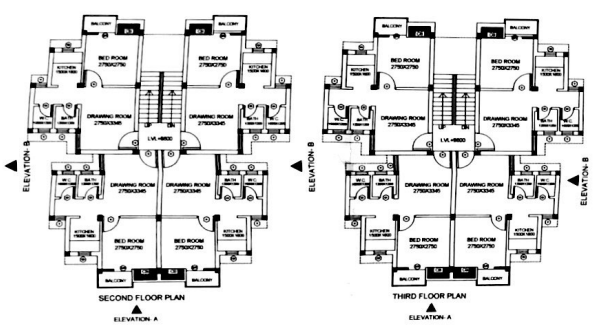
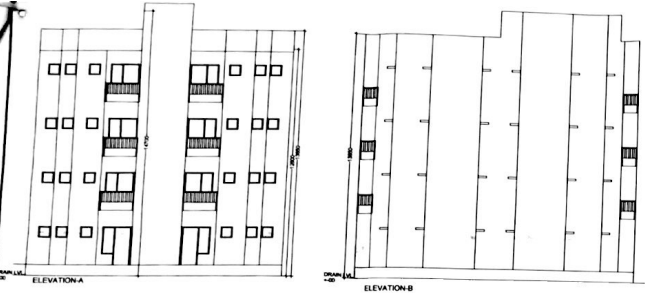
ARCHITECT
ASHUTOSH KR. AGARWAL
 202/A-2, ACHARYA NIKETAN, MAYUR VIHAR
 PH-1 New Delhi-110 091
 PH. :- 011-22757301, 9350333222

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

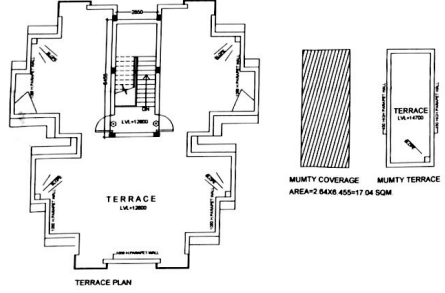
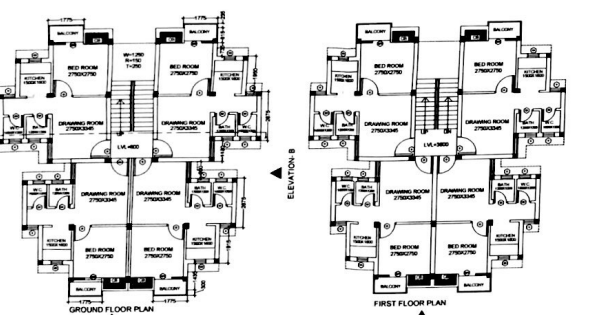
PROJECT
 HOUSING AT GREATER NOIDA

PROJECT NO. *DBE NO. 25/11*
 SCALE 1:50, 1:25
 DATE :-27-06-2011
Approved
R.K. Datta
Checked: SHARAD PURI
Indian Institute of Civil Engineering
Delhi

DRAWING TITLE
 FOUNDATION DETAIL



Sn.	Type	Size
1.	DW	1495 X 2100
2.	D	1000 X 2100
3.	D1	750 X 2100
4.	W	1000 X 2100
5.	W1	600 X 1500
6.	V	600 X 600



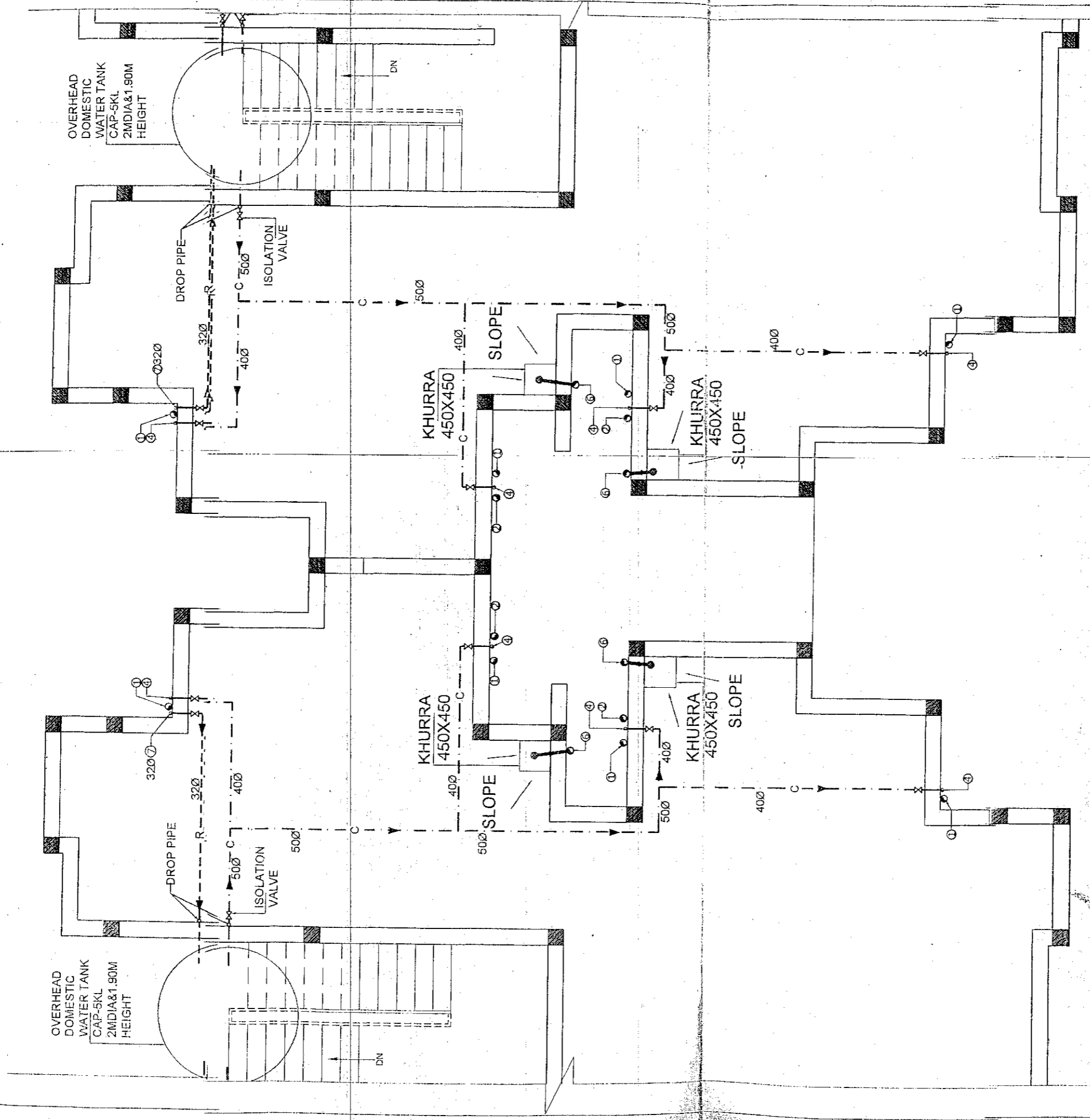
FLOOR AREA DETAIL

Proposed Covd. Area of Ground Floor
 = (A+B+C+D+E+F+G+H+J+K+L) = 143.68 Sqm.
 Proposed Covd. Area of First Floor
 = (A+B+C+D+E+F+G+H+J+K+L) = 143.68 Sqm.
 Proposed Covd. Area of Second Floor
 = (A+B+C+D+E+F+G+H+J+K+L) = 143.68 Sqm.
 Proposed Covd. Area of Third Floor
 = (A+B+C+D+E+F+G+H+J+K+L) = 143.68 Sqm.
 Proposed Covd. Area of Mummy
 = 2.64 X 6.455 = 17.04 Sqm.
 Proposed Total Covd. Area of all floors(one unit)
 = 143.68+143.68+143.68+143.68+17.04=591.76 Sqm

**PROPOSED AFFORDABLE HOUSING
 UNDER INFORMAL CATEGORY AT
 SECTOR-XU-III,GREATER NOIDA
 (UP).**

ARCHITECT'S SIGNATURE _____ OWNER/PROP.'s SIGNATURE _____

hoy



LEGEND	
①	110Ø WASTE & VENT PIPE
②	110Ø SOIL & VENT PIPE
③	FLOOR TRAP
④	COLD WATER SUPPLY DROP PIPE
⑤	110Ø PIPE
⑥	110Ø RWP
⑦	COLD WATER RISER PIPE

TERRACE PLAN

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

[Signature]
[Signature]
[Signature]

GREATHER NOIDA INDUSTRIAL
 DEVELOPMENT AUTHORITY

PROPOSED 35.96 SQ.M HOUSING
 AT GREATER NOIDA

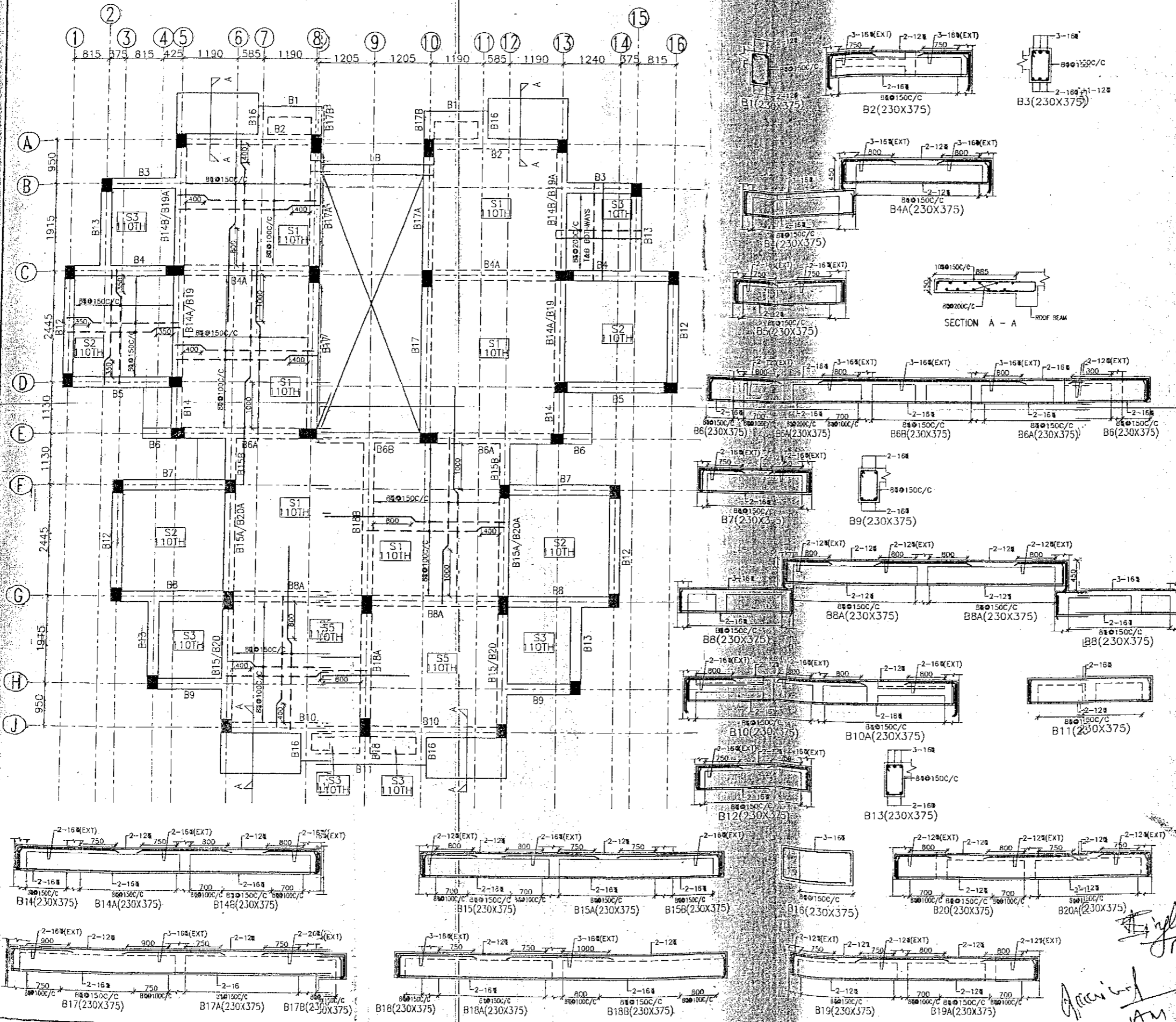
Plumbing & Fire Consultants
 DREPAK ASSOCIATES
 220, SECTOR-8
 A, DWARKA PHASE I
 PH-2536695, 9610087476

ARCHITECT:-

ASHUTOSH KR. AGARWAL
 202, A-2, ACHARYA KRISHNAN,
 NARAINA, DELHI-110028
 PH-011-26100001, 00000002

DATE:-

29-06-11



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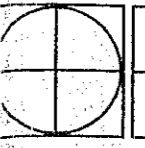
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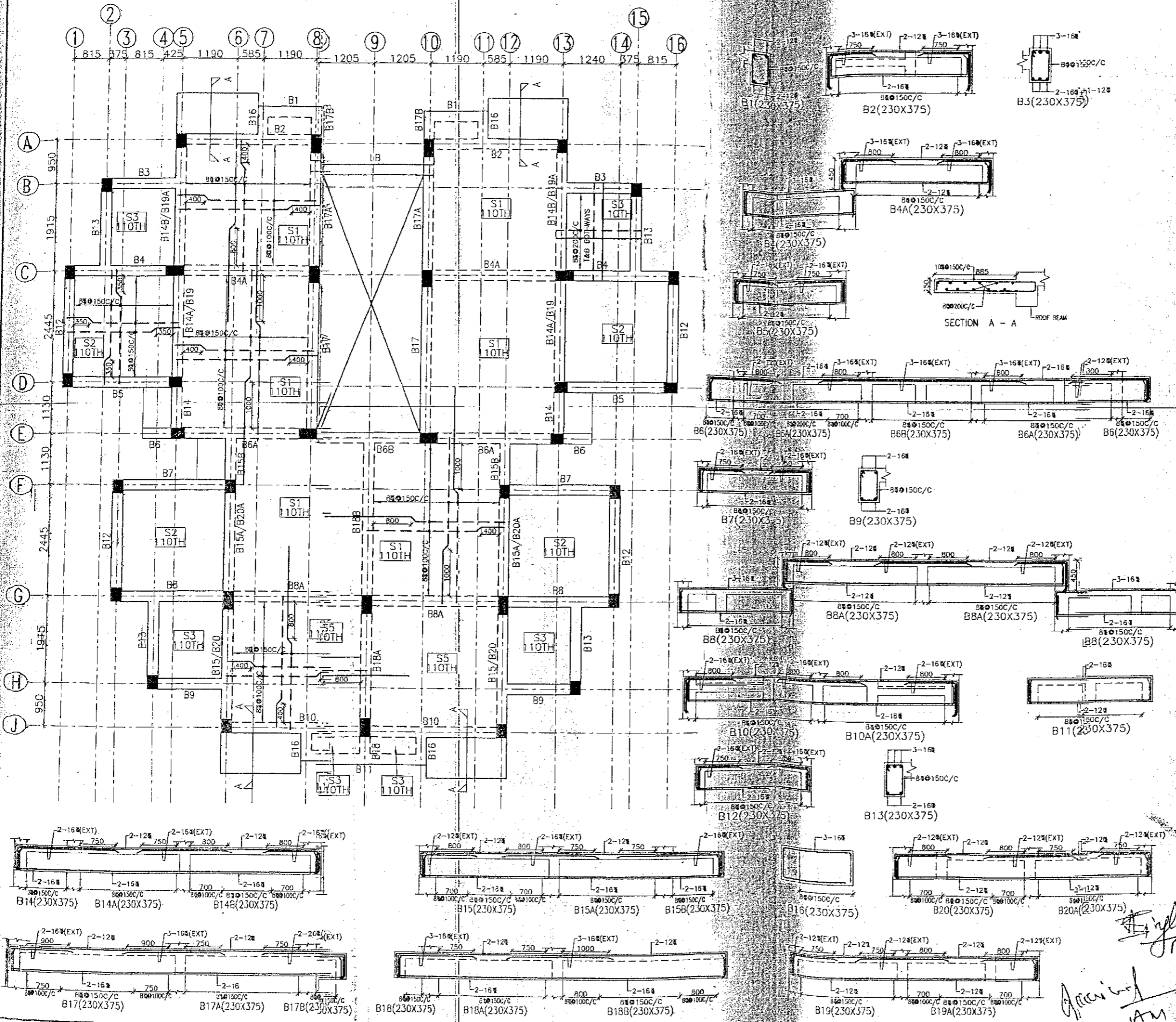
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 PHONE:- 011-28545881, 9811 45 35 25
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PROJECT
 HOUSING AT GREATER NOIDA
 Approved
 Dr. T.K. Datta
 Department of Civil Engineering
 Indian Institute of Technology
 Hauz Khas, New Delhi-110016
 PROJECT NO. IITD/RES/18/10/16
 SCALE 1:50, 1:25
 DATE :- 27-06-2011
 CHECKED-SHARAD

DRAWING TITLE
TYPE FLOOR ROOF DETAIL



69



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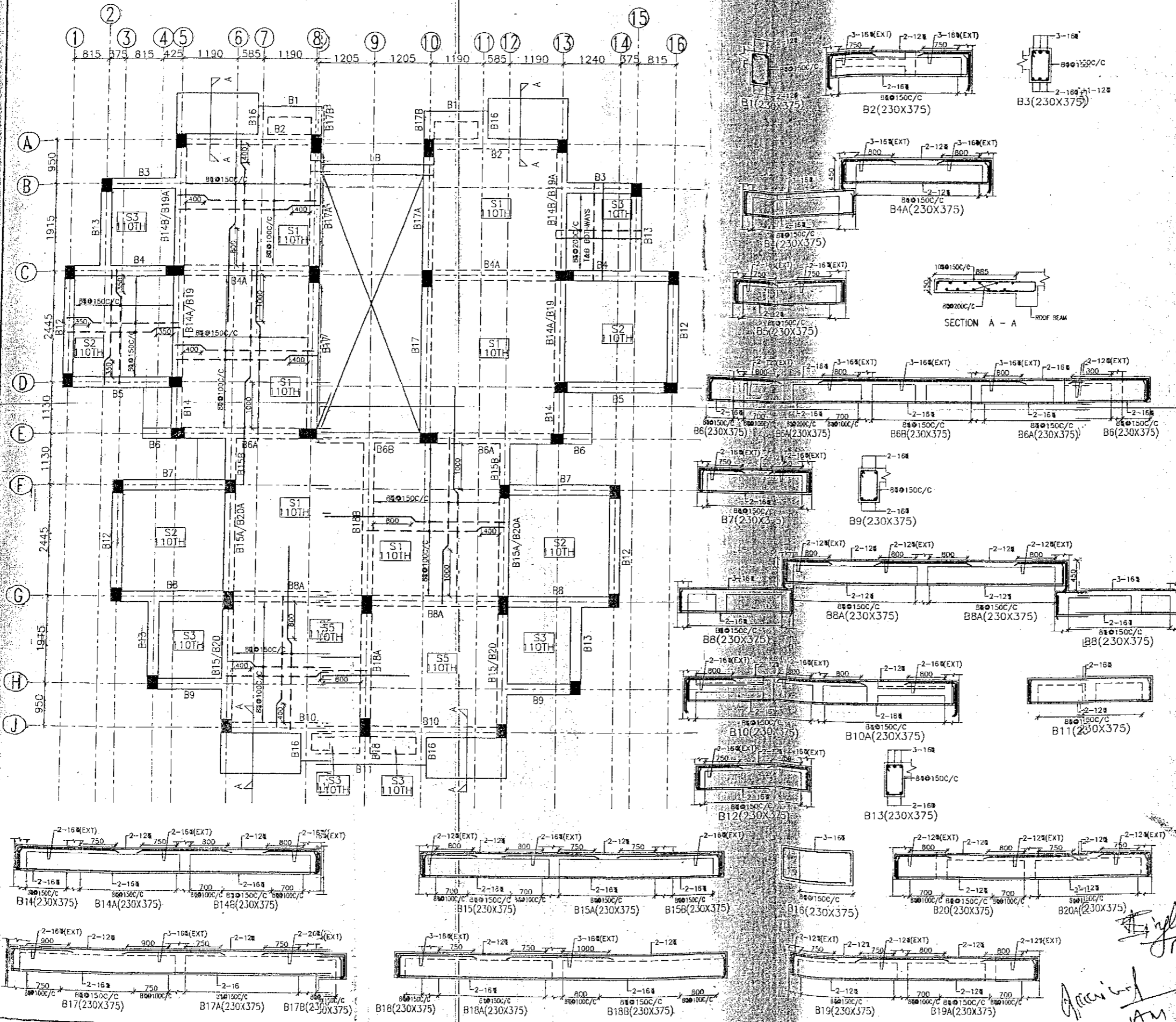
ARCHITECT
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 PH. : 011-22757301, 9350333222

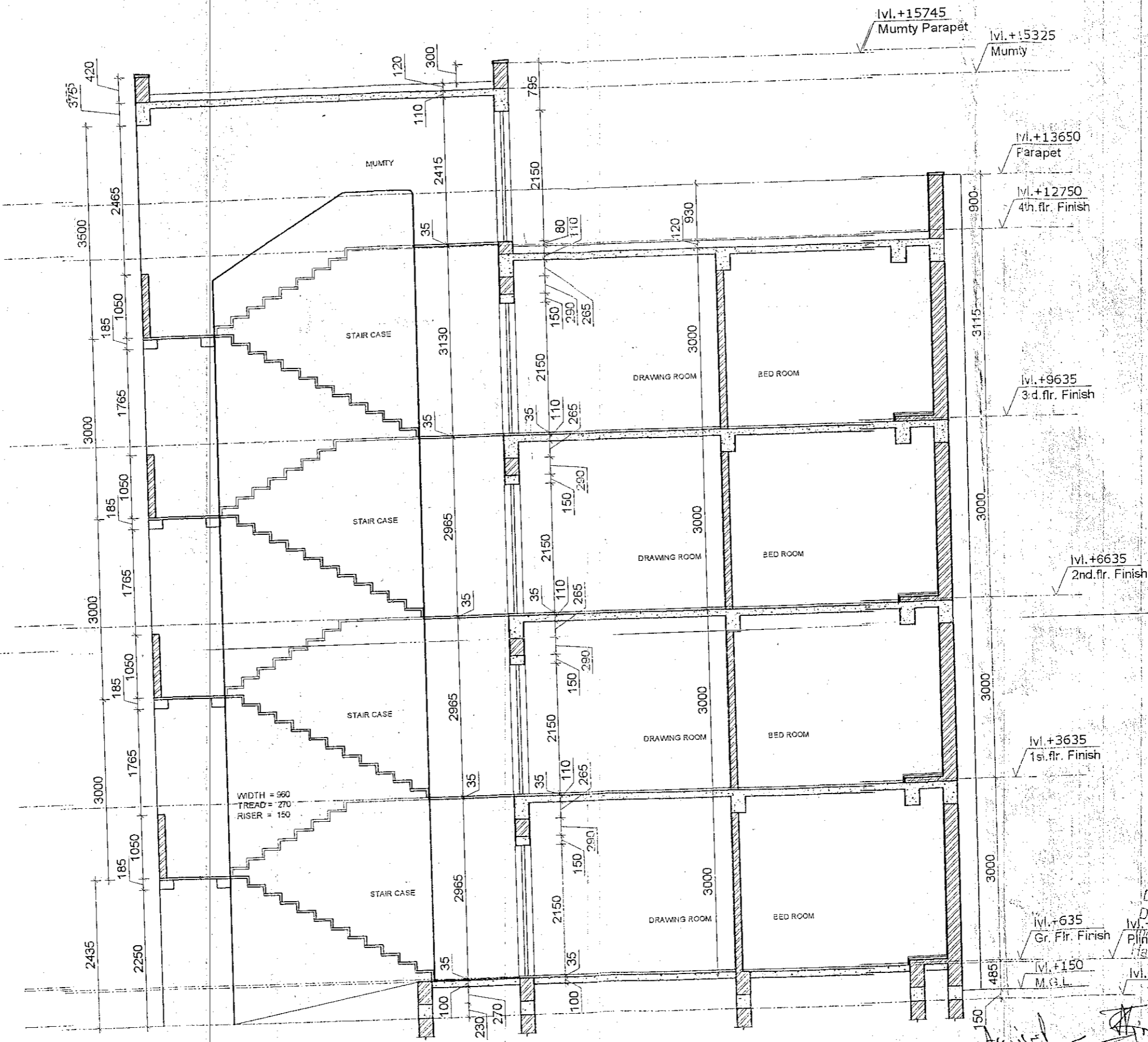
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 HOUSING AT GREATER NOIDA
 Approved
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 Institute of Technology, D. J. S.
 Haaz Khasra, Greater Noida, U.P.
 PROJECT NO. _____
 SCALE 1:50, 1:25
 DATE :- 27-06-2011
 CHECKED-SHARAD

DRAWING TITLE
TYPE FLOOR ROOF DETAIL

69

68



WIDTH = 960
 TREAD = 270
 RISER = 150



GREATER NOIDA INDUSTRIAL
 DEVELOPMENT AUTHORITY

PROPOSED 35.96 SQ.M HOUSING
 AT GREATER NOIDA

DRAWING TITLE:
 SECTION THROUGH
 STAIRCASE

ARCHITECT:-
 ASHUTOSH KR. AGARWAL
 202, A-2, ACHARYA NIKETAN,
 MAYUR VIHAR PHASE-1, DELHI-91
 PH: 011-22757301, 9350333222

DATE:-
 26-06-
 DWG. N
 15

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

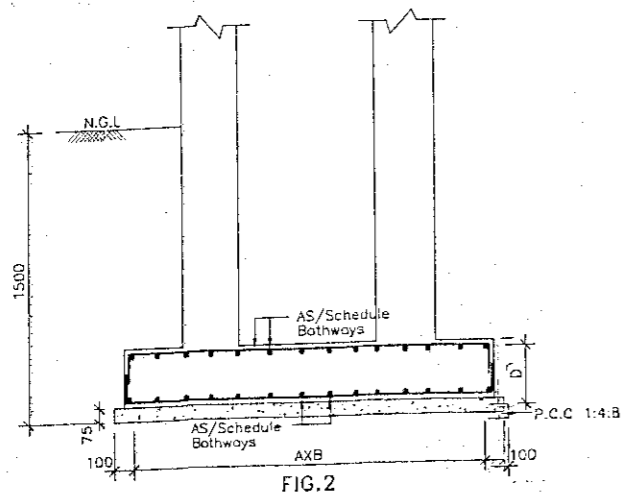
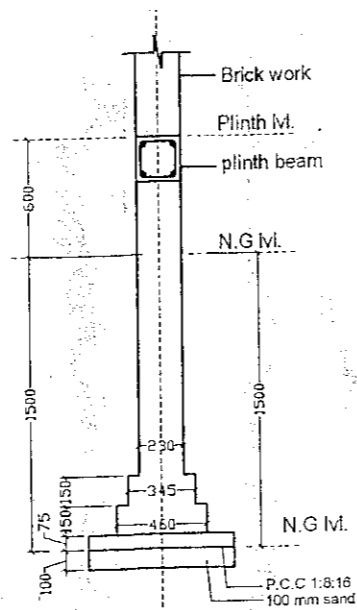
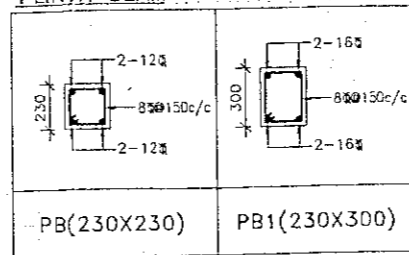


FIG. 2



TYPICAL SECTION OF 230TH BRICK WALL

PLINTH BEAM



COLUMN SCHEDULE

LEVEL	MARK	SECTION 1	SECTION 2	SECTION 3
FIRST FLOOR ROOF TO TERRACE	M25	230x400, 8-16, 3SETS	230x300, 4-16(c) + 2-12, 2SETS	230x300, 4-16(c) + 2-12, 2SETS
FOUNDATION TO FIRST FLOOR ROOF	M25	230x400, 4-20(c) + 4-16, 3SETS	230x300, 8-16, 2SETS	230x300, 6-16, 2SETS
COL. MKD		C1(230x400)	C2(230x300)	C3(230x300)

FOOTING SCHEDULE

FIG. MARK	CONC. DIMENSION				R/F PARALLEL TO (BOTTOM)		R/F PARALLEL TO (TOP)		REF. FIG. NO
	LONG SIDE (A)	SHORT SIDE (B)	DEPTH (D)	DEPTH (d)	LONG SIDE (A)	SHORT SIDE (B)	LONG SIDE (A)	SHORT SIDE (B)	
F-1	2250	2150	400	150	10@150C/C	10@150C/C	--	--	FIG.-1
F-2	1450	1450	300	300	10@150C/C	10@150C/C	--	--	FIG.-1
F-3	2150	2050	400	150	10@150C/C	10@150C/C	--	--	FIG.-1
F-4	2000	1450	400	150	10@150C/C	10@150C/C	--	--	FIG.-1
F-5	1600	1600	400	150	10@150C/C	10@150C/C	--	--	FIG.-1
CF1	5150	1950	350	350	10@150C/C	10@150C/C	10@200C/C	10@200C/C	FIG.-2

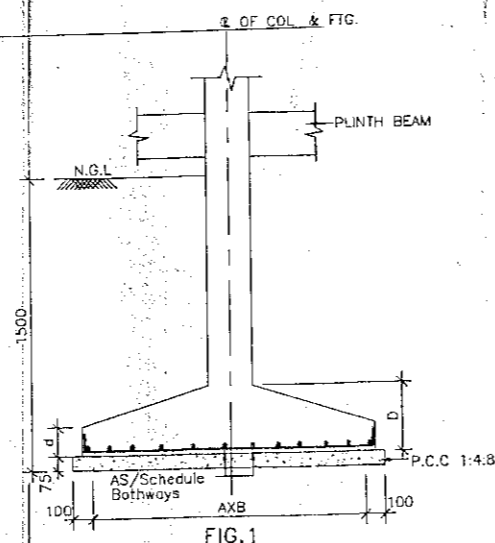
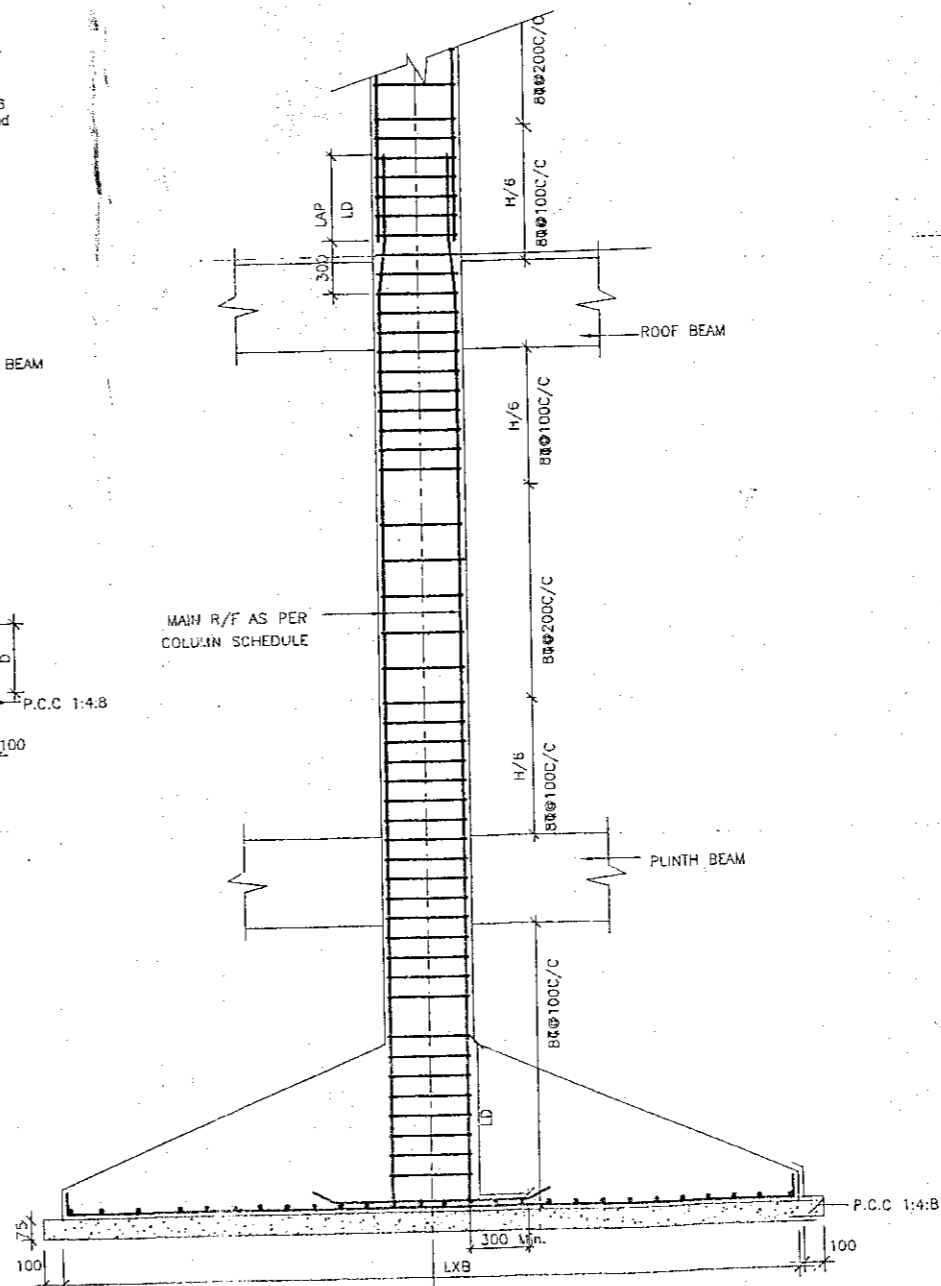


FIG. 1



TYP. SECTION OF COLUMN TIE REINF.

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PROJECT
 HOUSING AT GREATER NOIDA

PROJECT NO. *DRG NO. RES/102*
 SCALE 1:50, 1:25
 DATE :- 27-06-2011

Approved
DR. JAY
 Indian Institute of Civil Engineers
 Checked SHARAD, CIVIL ENGINEER

DRAWING TITLE
 FOUNDATION DETAIL

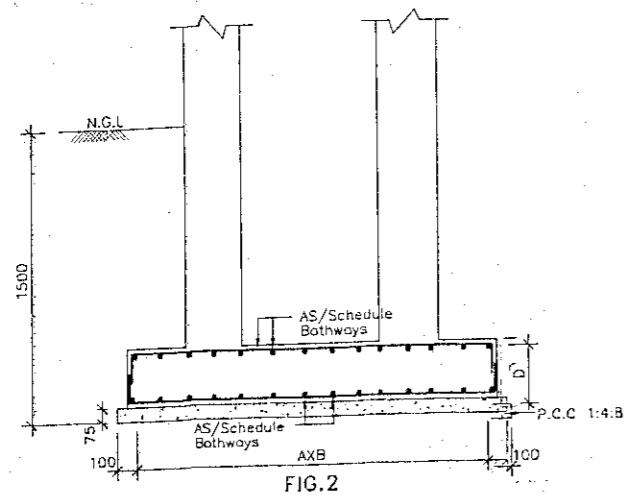
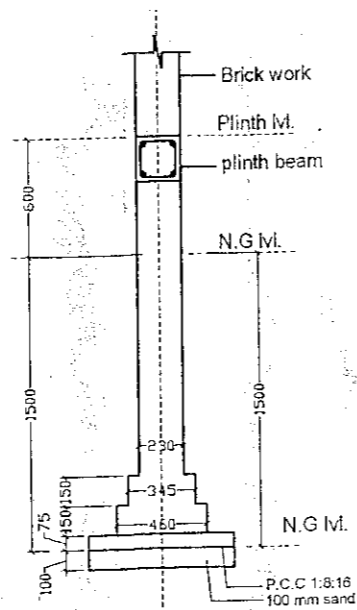
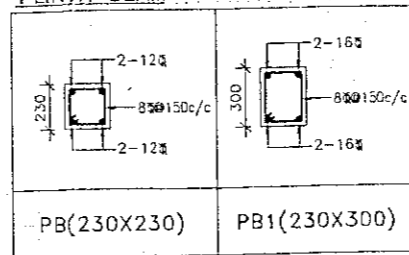


FIG. 2



TYPICAL SECTION OF 230TH BRICK WALL

PLINTH BEAM



COLUMN SCHEDULE

COL. MKD	C1(230x400)	C2(230x300)	C3(230x300)
FIRST FLOOR ROOF TO TERRACE	M25 400 3SETS 8-16 Φ	M25 300 2SETS 4-16 Φ (a) +2-12 Φ	M25 300 2SETS 4-16 Φ (a) +2-12 Φ
FOUNDATION TO FIRST FLOOR ROOF	M25 400 3SETS 4-20 Φ (a) +4-16 Φ	M25 300 2SETS 8-16 Φ	M25 300 2SETS 6-16 Φ

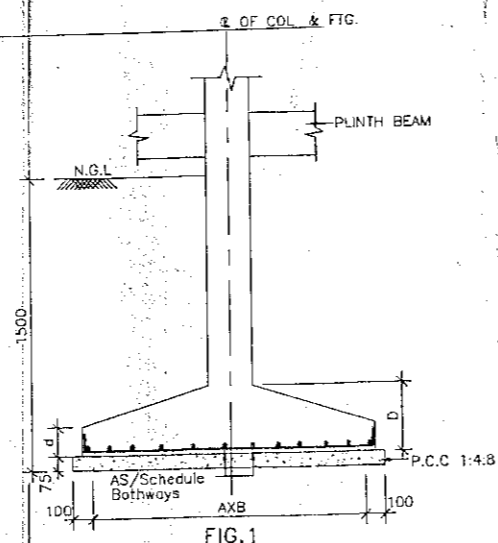
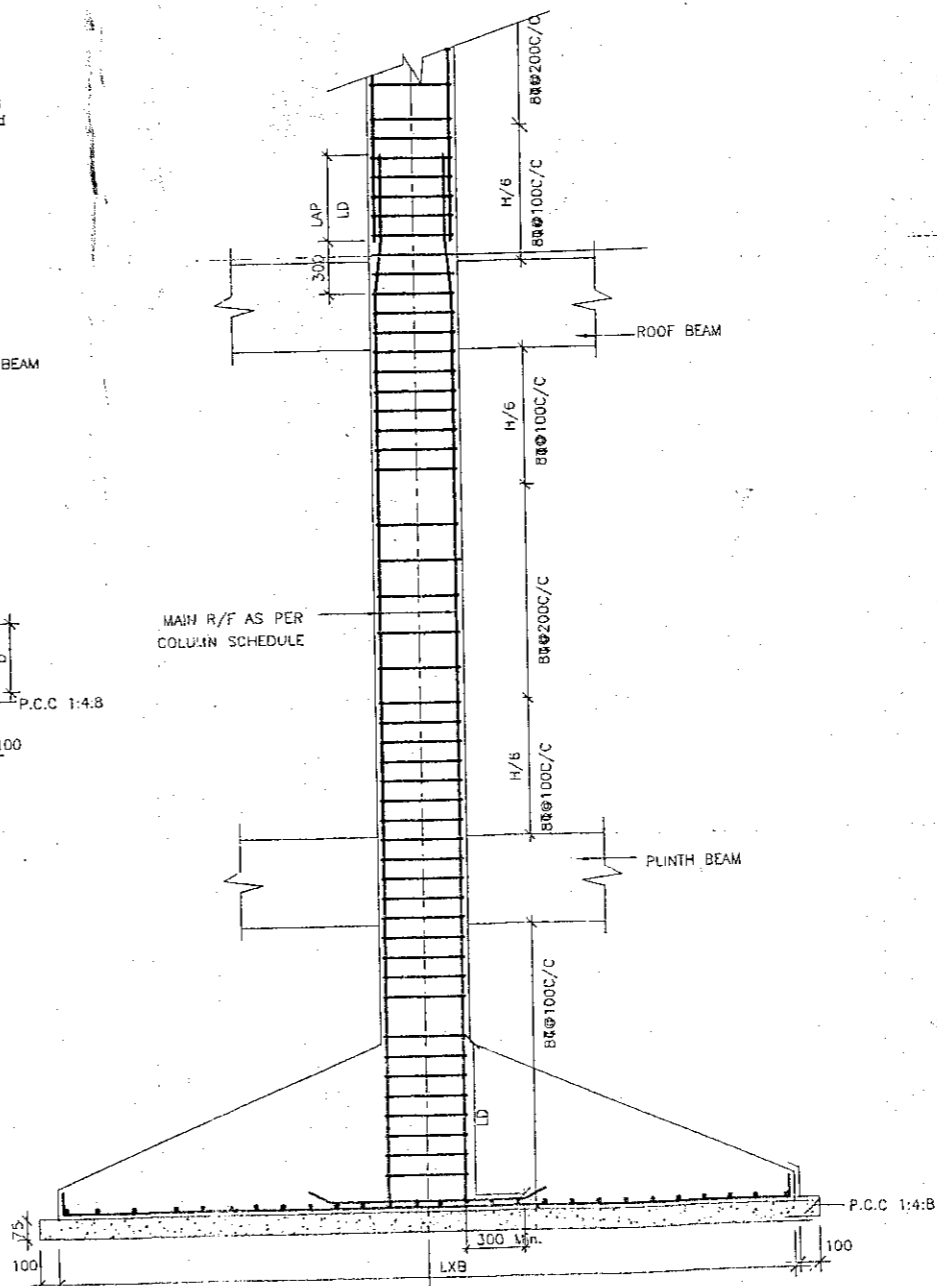


FIG. 1

FOOTING SCHEDULE

FTG. MARK	CONC. DIMENSION				R/F PARALLEL TO (BOTTOM)		R/F PARALLEL TO (TOP)		REF. FIG. NO
	LONG SIDE (A)	SHORT SIDE (B)	DEPTH (D)	DEPTH (d)	LONG SIDE (A)	SHORT SIDE (B)	LONG SIDE (A)	SHORT SIDE (B)	
F-1	2250	2150	400	150	10 Φ @150C/C	10 Φ @150C/C	--	--	FIG.-1
F-2	1450	1450	300	300	10 Φ @150C/C	10 Φ @150C/C	--	--	FIG.-1
F-3	2150	2050	400	150	10 Φ @150C/C	10 Φ @150C/C	--	--	FIG.-1
F-4	2000	1450	400	150	10 Φ @150C/C	10 Φ @150C/C	--	--	FIG.-1
F-5	1600	1600	400	150	10 Φ @150C/C	10 Φ @150C/C	--	--	FIG.-1
CF1	5150	1950	350	350	10 Φ @150C/C	10 Φ @150C/C	10 Φ @200C/C	10 Φ @200C/C	FIG.-2



TYP. SECTION OF COLUMN TIE REINF.

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 I.S. 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 I.S.: 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 I.S.: 1786 AND HAVING MINIMUM YIELD STRENGTH OF 415N/mm².
- LAP LENGTH/DEVELOPMENT LENGTH FOR REINFORCEMENT BARS AS PER I.S.: 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/mm² UNLESS OTHERWISE SPECIFIED AND LAID IN 1:1 (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 1/4 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 EMBLATE WITH SLOTS FOR ACCOMMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH I.S 11817.
- THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE, BUT IT SHALL NOT BE PROVIDED IN BSM.
- EXPANSION JOINT SHALL BE AS PER DRAWING.

REVISIONS

DESCRIPTION	DATE	BY

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PROJECT
HOUSING AT GREATER NOIDA

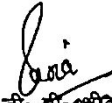
PROJECT NO. *DRG NO. RES/102*
SCALE 1:50, 1:25
DATE :- 27-06-2011

Approved
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DRAWING TITLE
FOUNDATION DETAIL

सेक्टर-जू-III में निर्माणाधीन 704 नग भवनों के विवादित खसरों का विवरण

क्रमांक	भूखण्डों/योजना के अन्तर्गत आने वाले विवादित खसरें	प्रभावित क्षेत्रफल	विवाद
1	ग्राम रायपुर बांगर के खसरा संख्या- 278, 279 प्रभावित- 64 नग भवन, सड़क, चारदीवारी, सीवर, ड्रेन एवं वाटर सप्लाई।	8050.00 वर्गमीटर	किसानों का हिस्सेदारी को लेकर आपसी विवाद माननीय इलाहाबाद उच्च न्यायालय के निर्देशों के क्रम में डी.डी.सी. गौतमबुद्धनगर के अधीन विचाराधीन है। आपसी हिस्सेदारी के कारण मुआबजा नहीं उठाया गया है।


 डी० पी० सी० वास्तव
 सहायक प्रबंधक (परि०)
 ग्रेटर नौएडा औ० वि० प्राधिकरण

