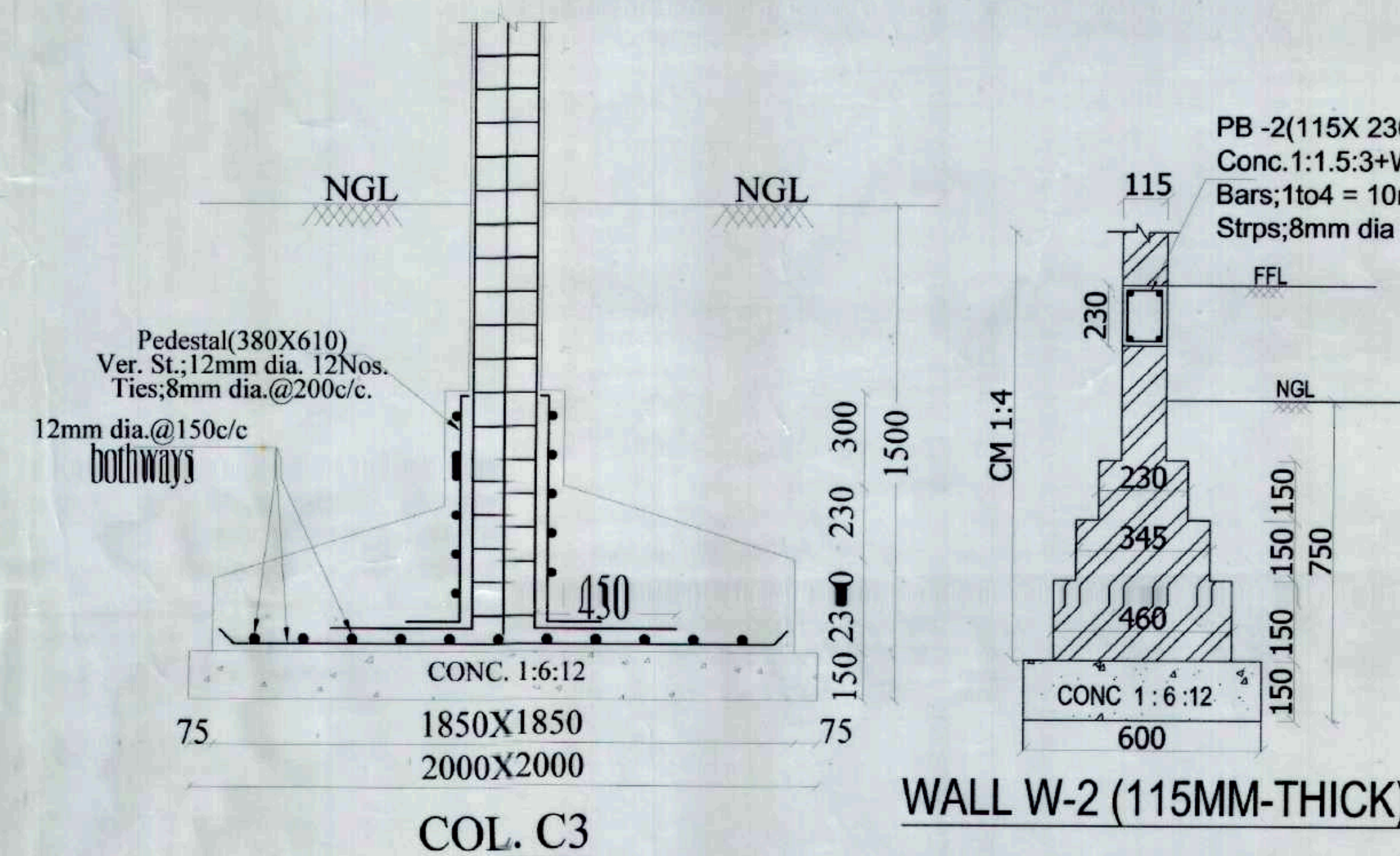
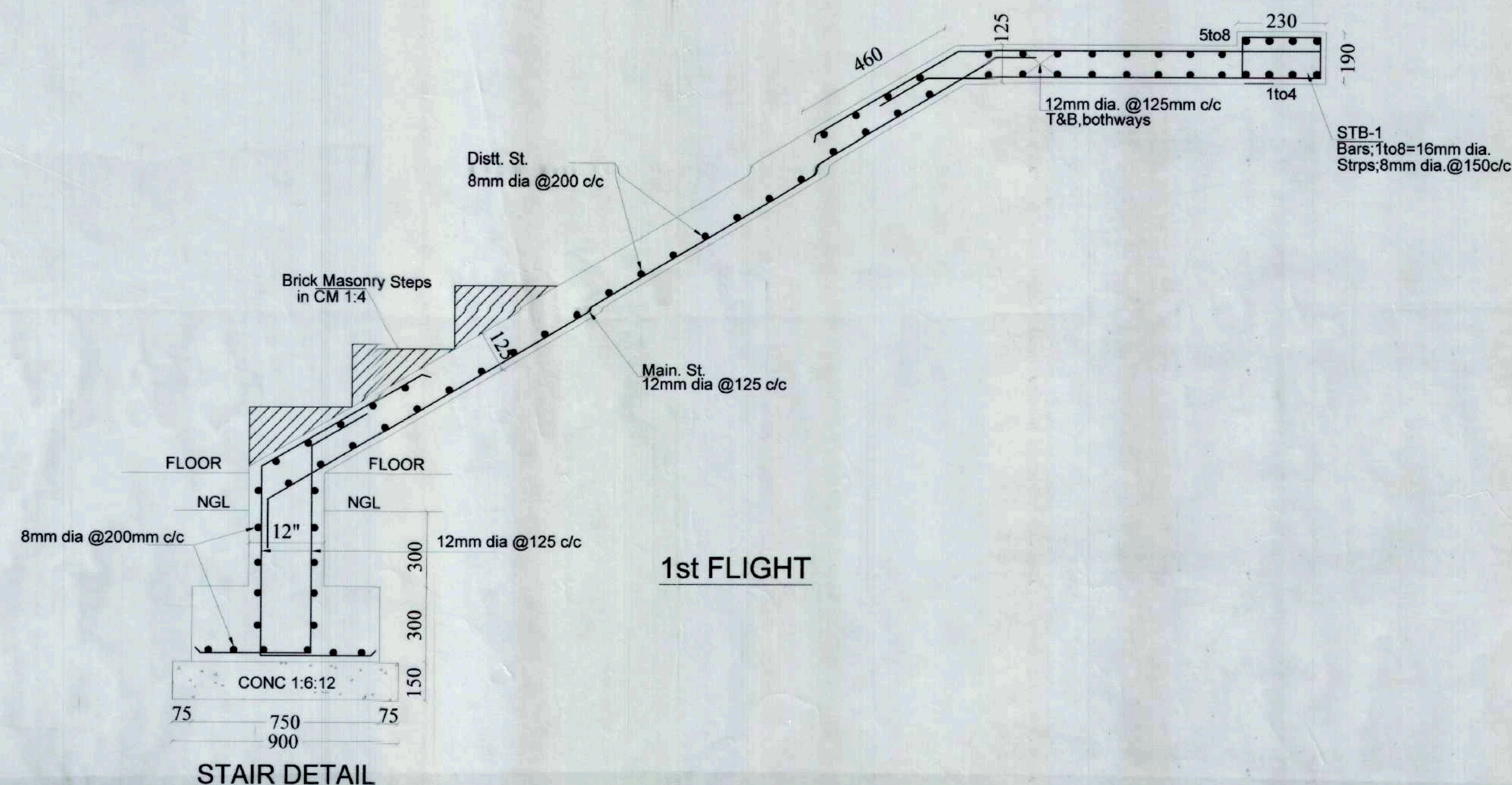
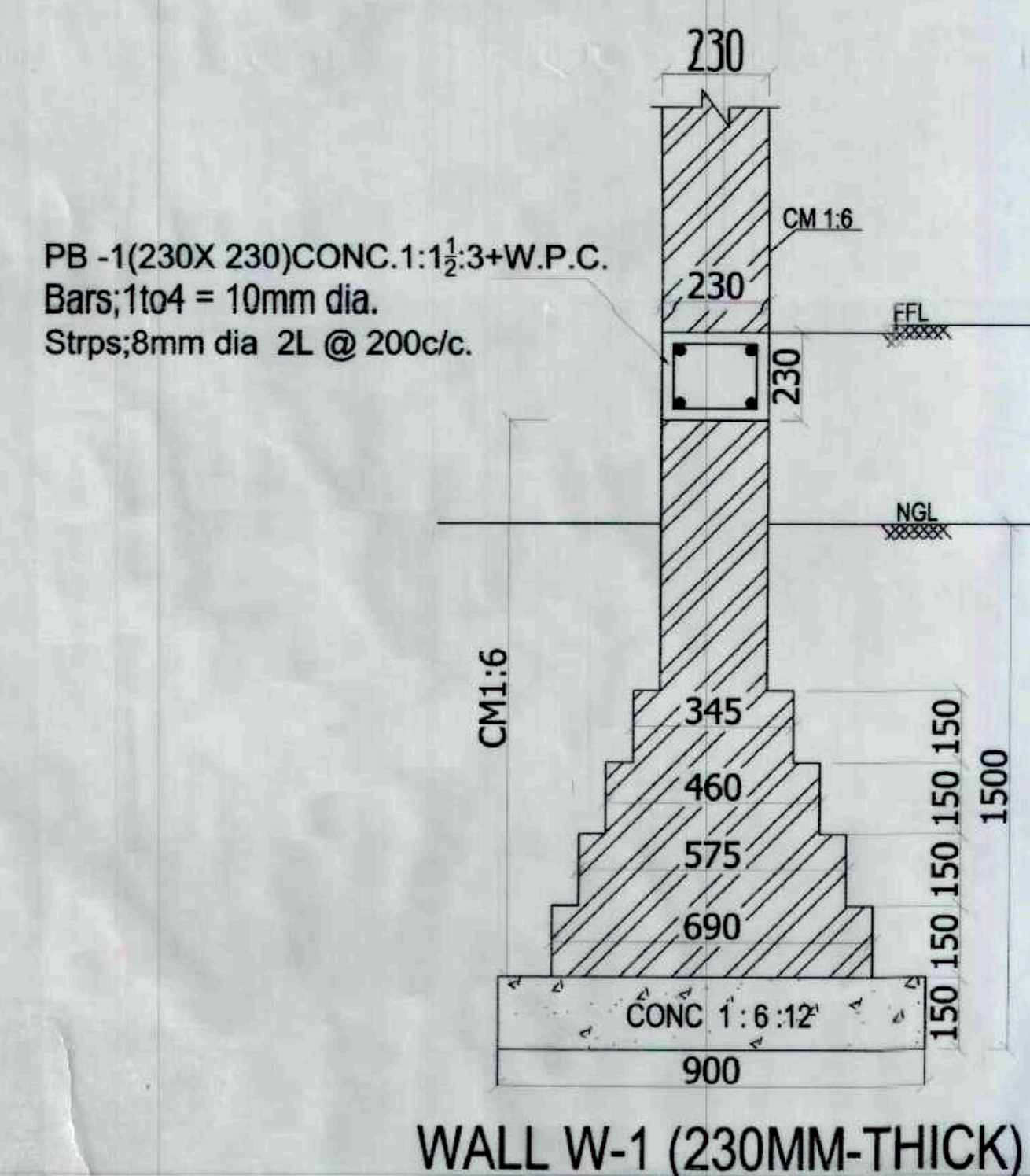
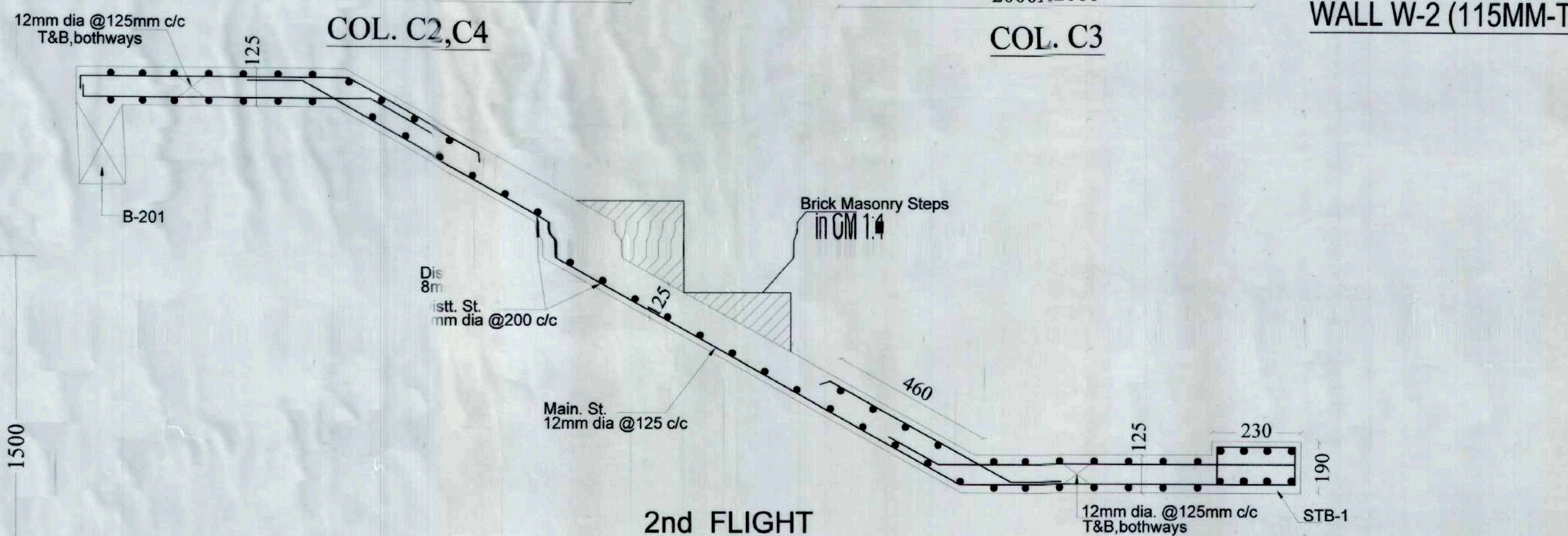
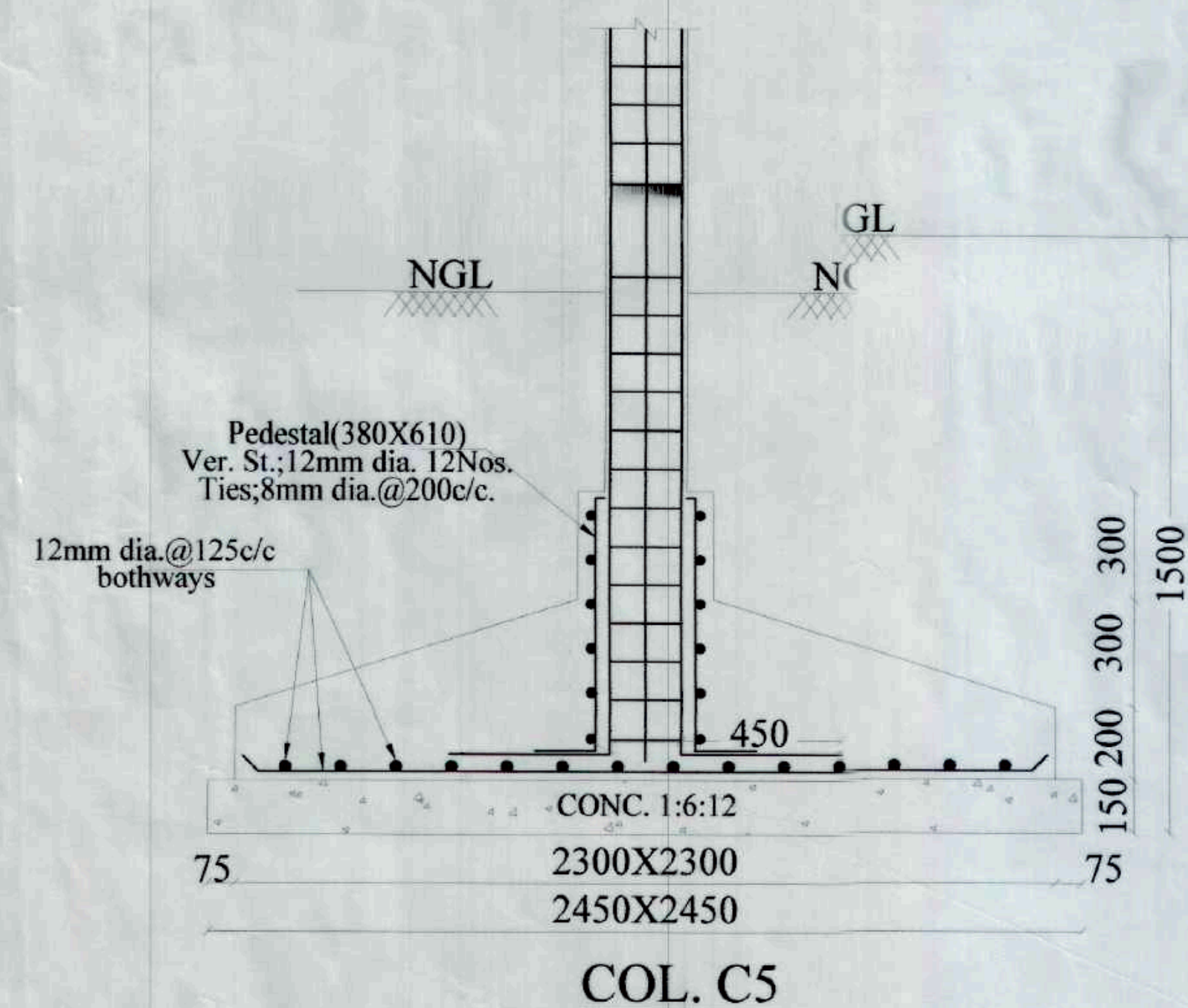




Dia of bar(mm)	Slab/Beams(mm)	Columns(mm)
8	400	300
10	500	400
12	600	450
16	750	600
20	950	750
25	1200	950

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
 2. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
 3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe415, REFER TO IS: 1786, 1979.
 4. FOR CENTER LINE DIMENSIONS REFER ARCH. DRGS.
 5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
 6. LAP LENGTH / ANCHORAGE LENGTH :-
FOR M20 CONCRETE & STEEL REINFORCEMENT 415
- | Dia of bar(mm) | Slab/Beams(mm) | Columns(mm) |
|----------------|----------------|-------------|
| 8 | 400 | 300 |
| 10 | 500 | 400 |
| 12 | 600 | 450 |
| 16 | 750 | 600 |
| 20 | 950 | 750 |
| 25 | 1200 | 950 |
7. CLEAR COVER TO REINF. :-
 - (i) FOUNDATION = 60mm .
 - (ii) BEAM = 30mm
 - (iii) COLUMN = 40mm
 - (iv) SLAB = 25mm
 8. EXTRA BARS AT TOP TO EXTEND 0.3L ON EITHER SIDE FROM FACE OF BEAM/COLUMN, WHERE 'L' IS THE C/C DISTANCE BETWEEN SUPPORTS.
 9. TIES IN COLUMNS TO BE PROVIDED AT A SPACING OF 4"C/C IN TOP AND BOTTOM H/6 WHERE 'H' IS THE CLEAR HEIGHT OF THE COLUMN.
 10. CONC. USED IS M25
 11. NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²



CONSULTANTS:

SYAL & ASSOCIATES

(Chartered Engineers, Architects, Surveyors & Land Planners)

F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALI (Pb) PH 0172-2236219



CLIENT:-

CHANDIGARH
HOUSING
BOARD

PROJECT:-
HOUSING SCHEME FOR SECTOR-63,
CHANDIGARH.(SIX STOREYED)
E.W.S. CATEGORY(TYPICAL UNIT)

REVISION:			

STRUCTURE

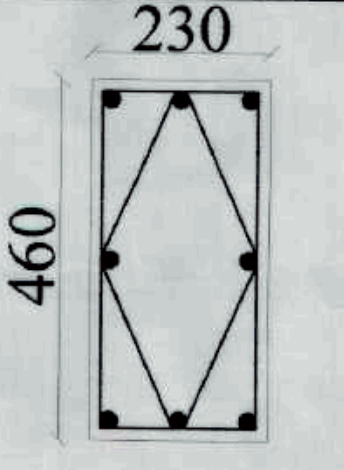
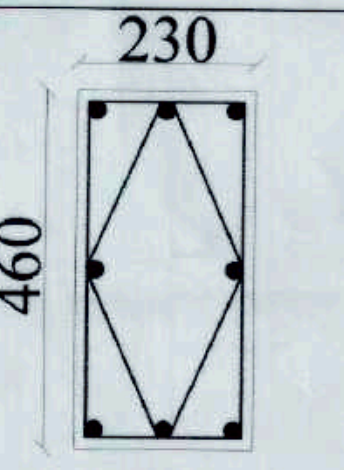
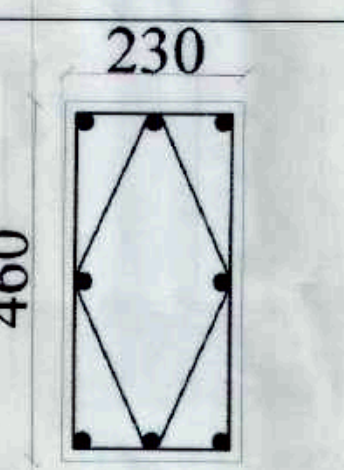
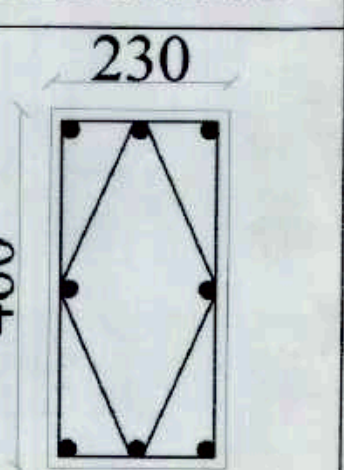
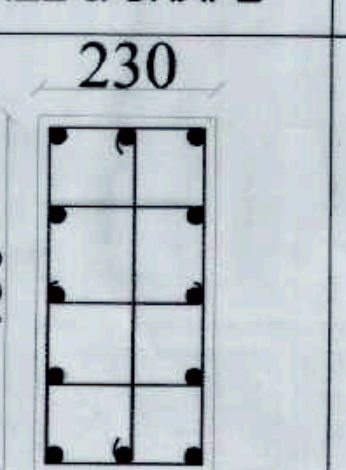
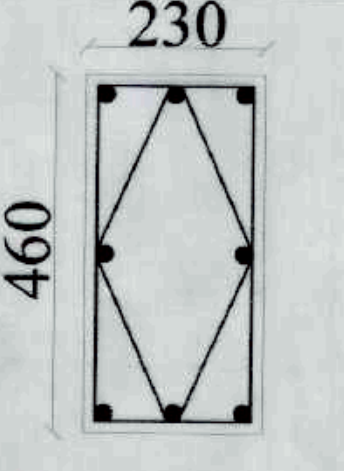
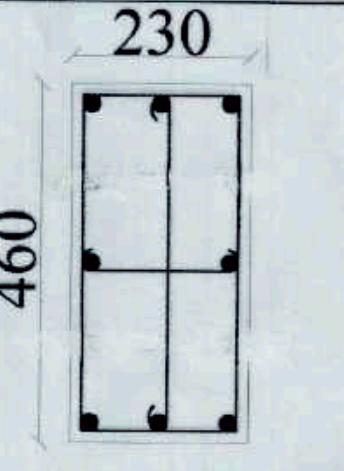
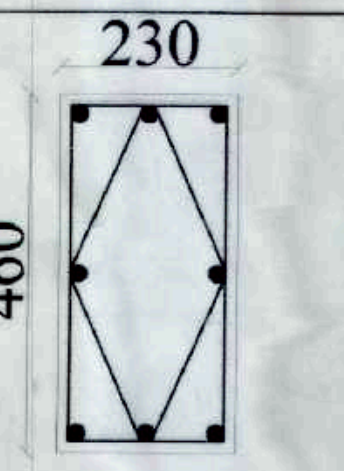
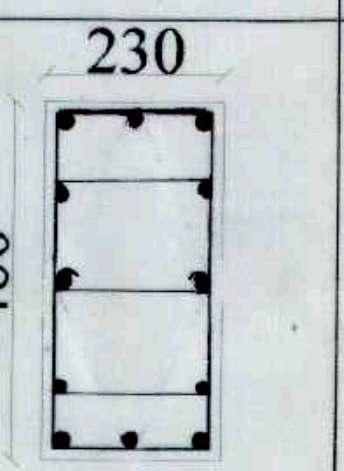
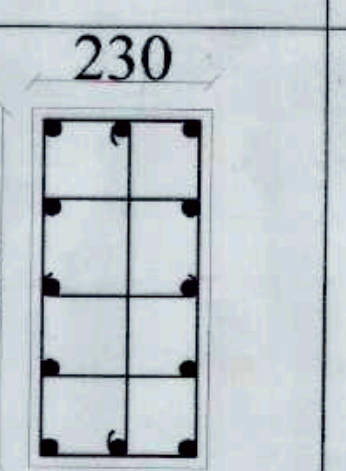
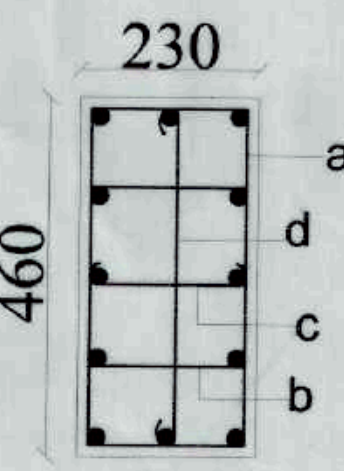
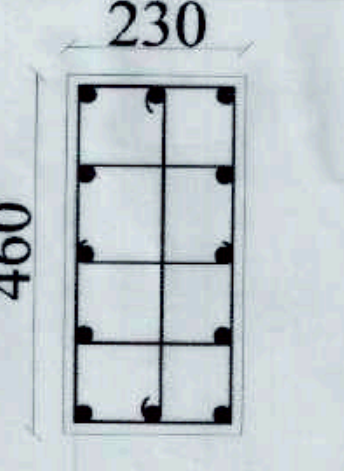
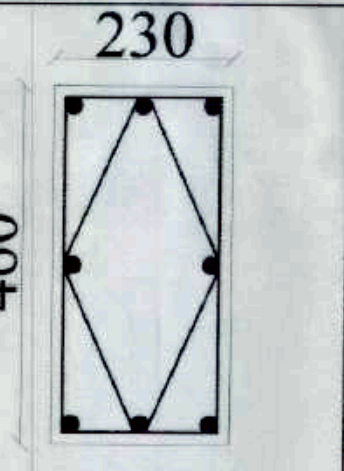
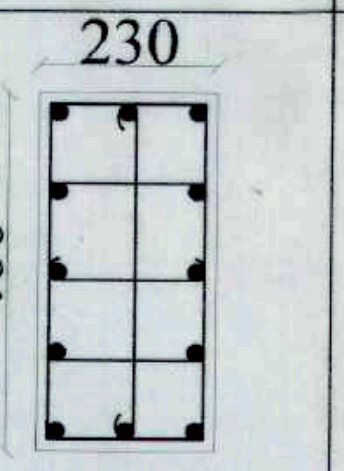
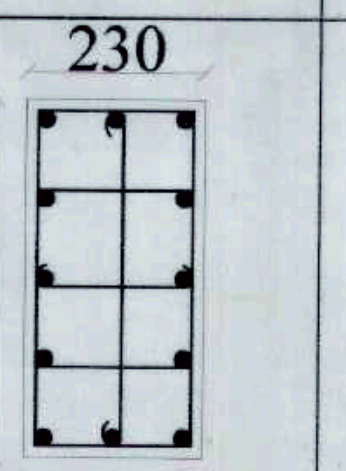
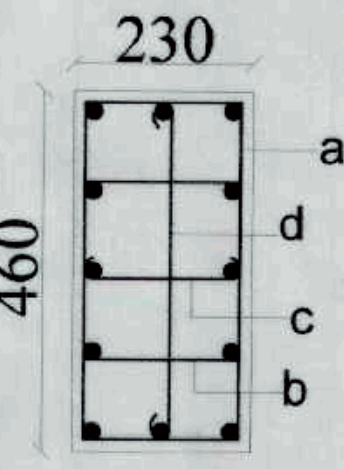
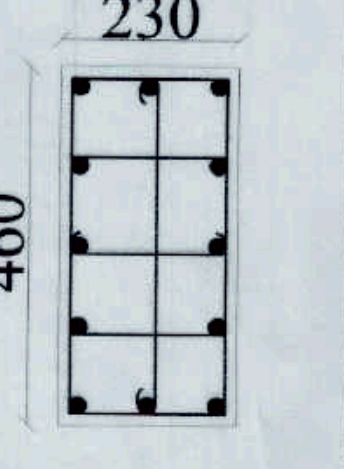
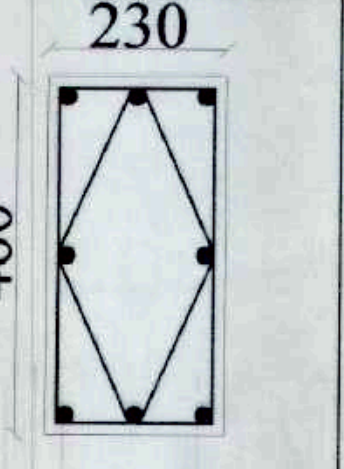
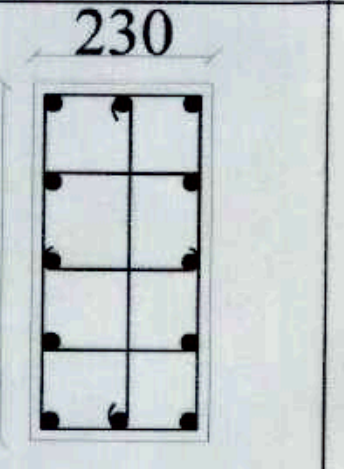
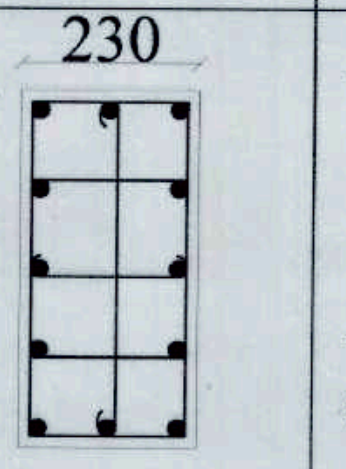
FOUNDATION DETAILS COL. C1 TO C5, W-1&W-2 & STAIRCASE DETAIL

STRUCTURAL CONSULTANT :	Dr. I. C. Syal
SIGNATURE & STAMP:	

DRAWN BY :	UPASNA
SCALE :	N.T.S.
DATE :	13-07-2009
DRG. NO. :	S-402

Org. No. 02
JOB No. 142

SCHEDULE OF COLUMNS

COLUMNS	C-1		C-2		C-3		C-4		C-5	
FLR. LVL.	SIZE & SHAPE	REINFORCEMENT	SIZE & SHAPE	REINFORCEMENT	SIZE & SHAPE	REINFORCEMENT	SIZE & SHAPE	REINFORCEMENT	SIZE & SHAPE	REINFORCEMENT
TERRACE TO THIRD FLOOR		Ver. St.; 16mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 20mm dia. 12Nos. Ties(a,b,c,d); 8mm dia. @200c/c
THIRD FLOOR TO SECOND FLOOR		Ver. St.; 20mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 8Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 20mm dia. 04Nos. + 16mm dia. 04Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 12Nos. Ties; 8mm dia. @200c/c		Ver. St.; 25mm dia. 04Nos. + 20mm dia. 08Nos. Ties(a,b,c,d); 8mm dia. @200c/c
SECOND FLOOR TO FIRST FLOOR		Ver. St.; 20mm dia. 12Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 16mm dia. 12Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 20mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 16mm dia. 12Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 25mm dia. 06Nos. + 20mm dia. 06Nos. Ties(a,b,c,d); 8mm dia. @200c/c
FIRST FLOOR TO GROUND FLOOR		Ver. St.; 20mm dia. 06Nos. + 25mm dia. 06Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 20mm dia. 06Nos. + 16mm dia. 06Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 20mm dia. 08Nos. Ties; 8mm dia. 2sets @200c/c		Ver. St.; 20mm dia. 06Nos. + 16mm dia. 06Nos. Ties(a,b,c,d); 8mm dia. @200c/c		Ver. St.; 25mm dia. 06Nos. + 20mm dia. 06Nos. Ties(a,b,c,d); 8mm dia. @200c/c

NOTES

- DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
- CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
- Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe415. REFER TO IS: 1786, 1979.
- FOR CENTER LINE DIMENSIONS REFER ARCH. DRGS.
- NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
- LAP LENGTH / ANCHORAGE LENGTH :-
FOR M20 CONCRETE & STEEL REINFORCEMENT 415

Dia of bar(mm)	Slab/Beams(mm)	Columns(mm)
8	400	300
10	500	400
12	600	450
16	750	600
20	950	750
25	1200	950

- CLEAR COVER TO REINF. :-
(i) FOUNDATION = 60mm.
(ii) BEAM = 30mm
(iii) COLUMN = 40mm
(iv) SLAB = 25mm
- EXTRA BARS AT TOP TO EXTEND 0.3L ON EITHER SIDE FROM FACE OF BEAM/COLUMN, WHERE 'L' IS THE C/C DISTANCE BETWEEN SUPPORTS.
- TIES IN COLUMNS TO BE PROVIDED AT A SPACING OF 4'C/C IN TOP AND BOTTOM H/6 WHERE 'H' IS THE CLEAR HEIGHT OF THE COLUMN.
- CONC. USED IS M25
- NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²

CONSULTANTS:
SYAL & ASSOCIATES
(Chartered Engineers, Architects, Surveyors & Land Planners)

F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALI.(Pb) PH 0172-2236219

CLIENT:
CHANDIGARH HOUSING BOARD

PROJECT:
HOUSING SCHEME FOR SECTOR-63,
CHANDIGARH.(SIX STOREYED)
E.W.S. CATEGORY(TYPICAL UNIT)

REVISION :

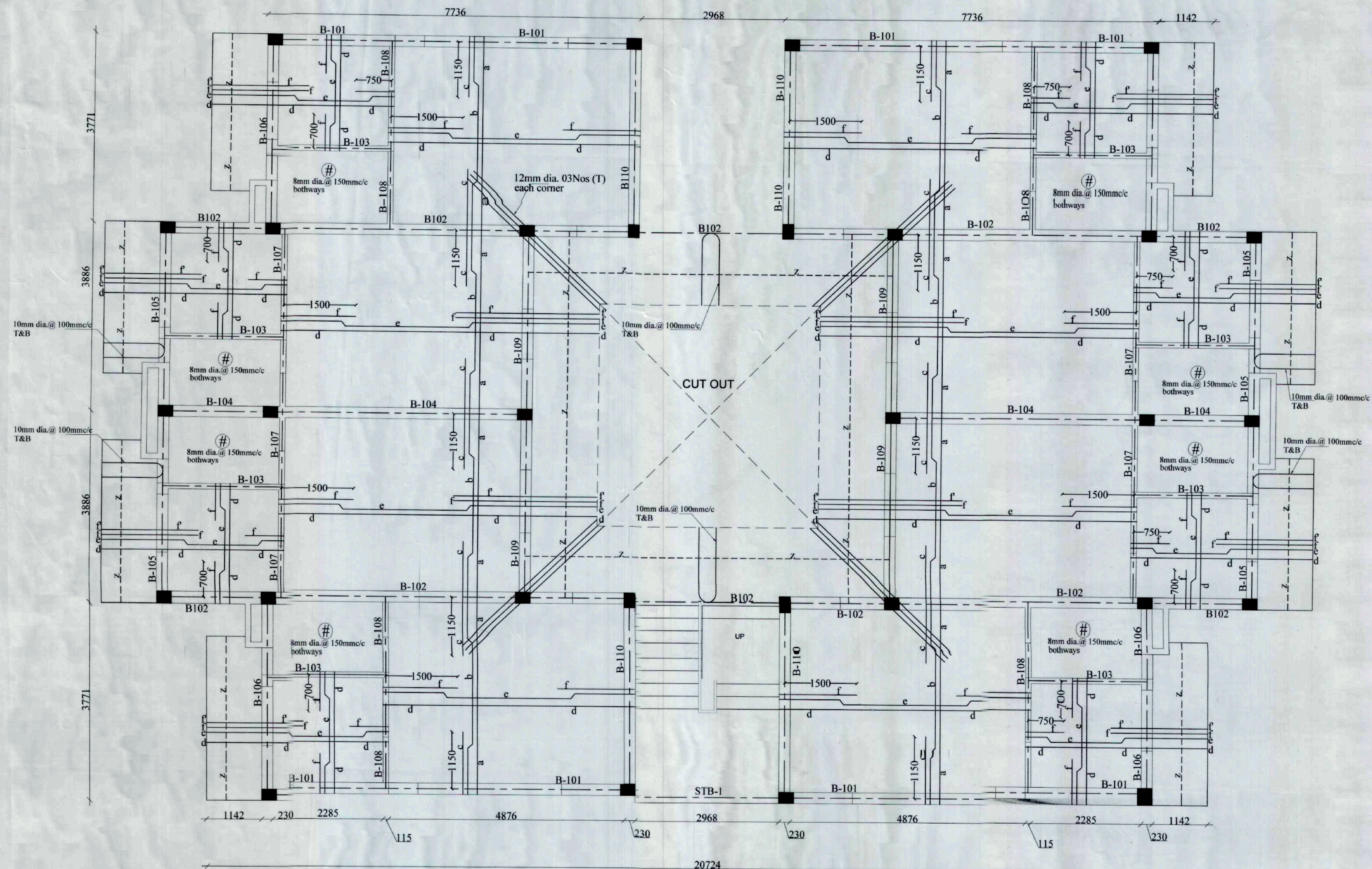
S T R U C T U R E

SCHEDULE OF COLUMNS

STRUCTURAL CONSULTANT : Dr. I. C. Syal
SIGNATURE & STAMP:

DRAWN BY : UPASNA
SCALE : N.T.S.
DATE : 13-07-2009
DRG. NO. : S-403

Drp. No. 03
Job No. 142



**TYPICAL FLOOR ROOF SLAB
(GROUND, FIRST & SECOND FLOOR ROOF SLAB)**

NOTES

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
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5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
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FOR M20 CONCRETE & STEEL REINFORCEMENT 415
7. CLEAR COVER TO REINF. :-
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(iii) COLUMN = 40mm
(iv) SLAB = 25mm
8. EXTRA BARS AT TOP TO EXTEND 0.3L ON EITHER SIDE FROM FACE OF BEAM/COLUMN, WHERE 'L' IS THE C/C DISTANCE BETWEEN SUPPORTS.
9. CONC. USED IS M25
10. NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²

Dia of bar(mm)	Slab/Beams(mm)	Columns(mm)
8	400	300
10	500	400
12	600	450
16	750	600
20	950	750
25	1200	950

DETAIL OF STEEL REINFORCEMENT

1. SLAB THICKNESS = 115mm THK.

2. CONC. USED = M20

SCHEDULE OF BARS	FACE
a = 10 mm dia. @ 400mm c/c.	(B)
b = 10 mm dia. @ 400mm c/c.	(C)
c = 12 mm dia. @ 400mm c/c.	(T)
d = 8 mm dia. @ 400mm c/c.	(B)
e = 8 mm dia. @ 400mm c/c.	(C)
f = 10 mm dia. @ 400mm c/c.	(T)
f' = 10 mm dia. @ 200mm c/c.	(T)

Distt. Steel:
z = 8 mm dia. @ 200mm c/c.

NOTE:
B Bottom
C Crank
T Top

CONSULTANTS:

SYAL & ASSOCIATES

(Chartered Engineers, Architects, Surveyors & Land Planners)

F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALI (Pb) PH 0172-2236219

CLIENT:-

**CHANDIGARH
HOUSING
BOARD**

PROJECT:-

HOUSING SCHEME FOR SECTOR-63,
CHANDIGARH. (SIX STOREYED)

E.W.S. CATEGORY (TYPICAL UNIT)

REVISION:

S T R U C T U R E

TYPICAL FLOOR ROOF SLAB
(GROUND, FIRST & SECOND
FLOOR ROOF SLAB)

STRUCTURAL CONSULTANT: Dr. I. C. Syal

SIGNATURE & STAMP:

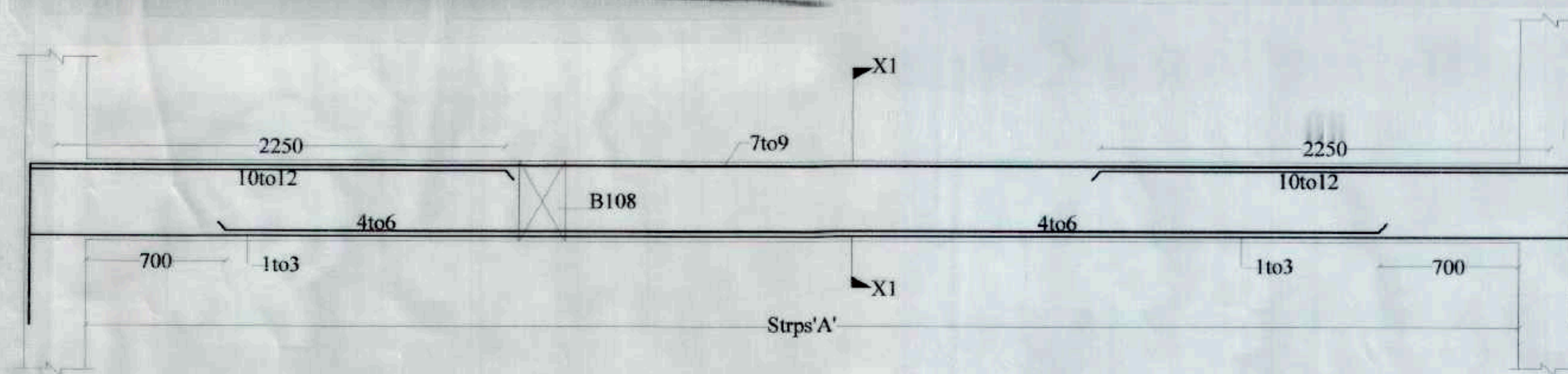
DRAWN BY: UPASNA

SCALE: N.T.S.

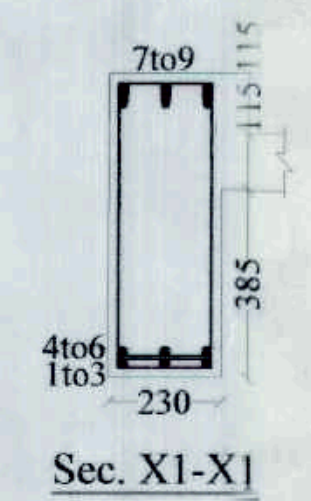
DATE: 14-07-2009

DRG. NO.: S-404

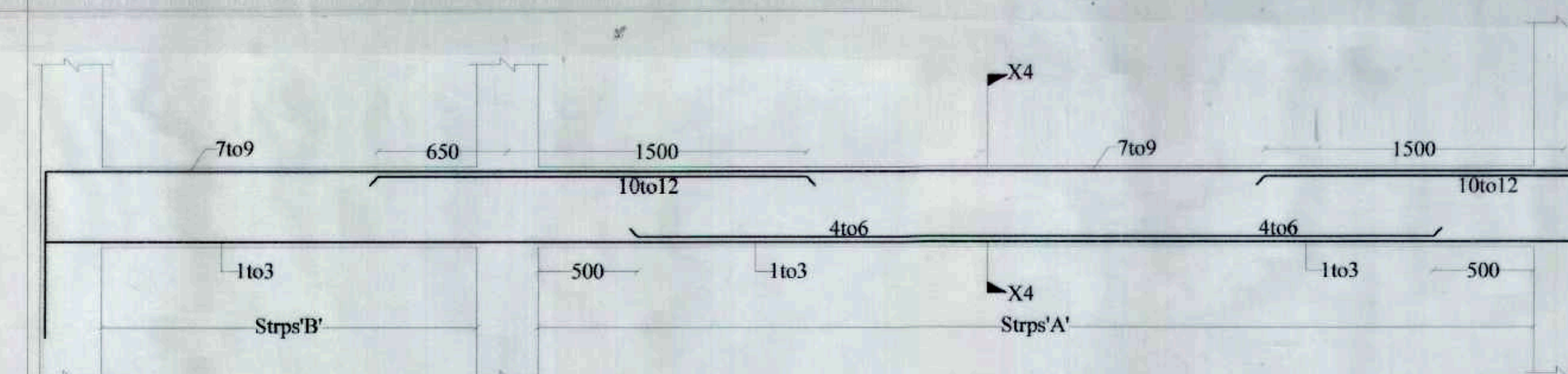
Drg. No. 04
Job No. 142



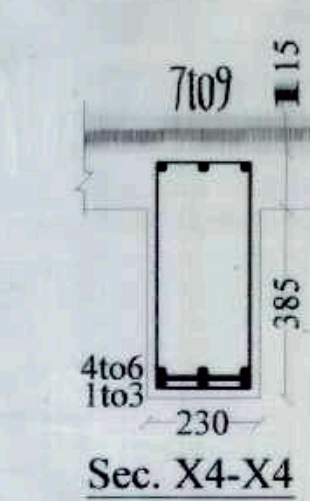
B-101
Bars: 1 to 3 = 20mm dia.
4 to 6 = 16mm dia.
10 to 12 = 25mm dia.



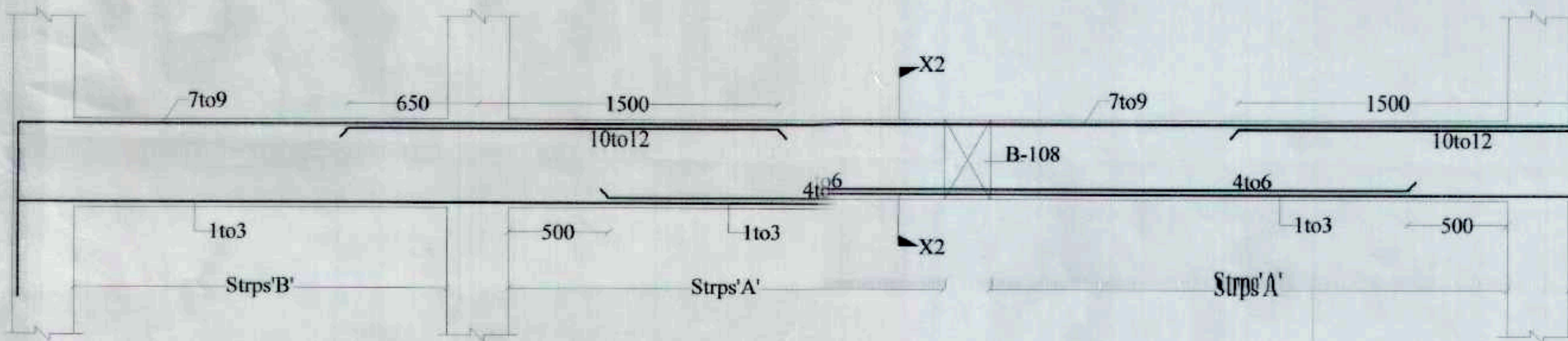
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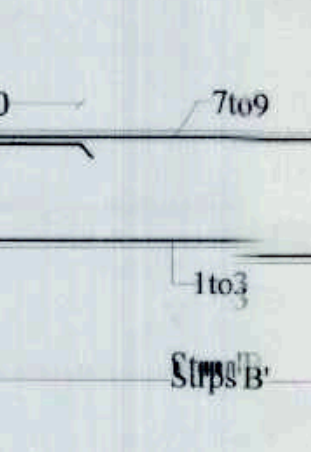
B-104
Bars: 1 to 9 = 16mm dia.
10 to 12 = 20mm dia.



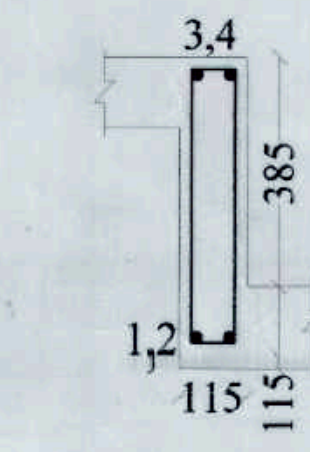
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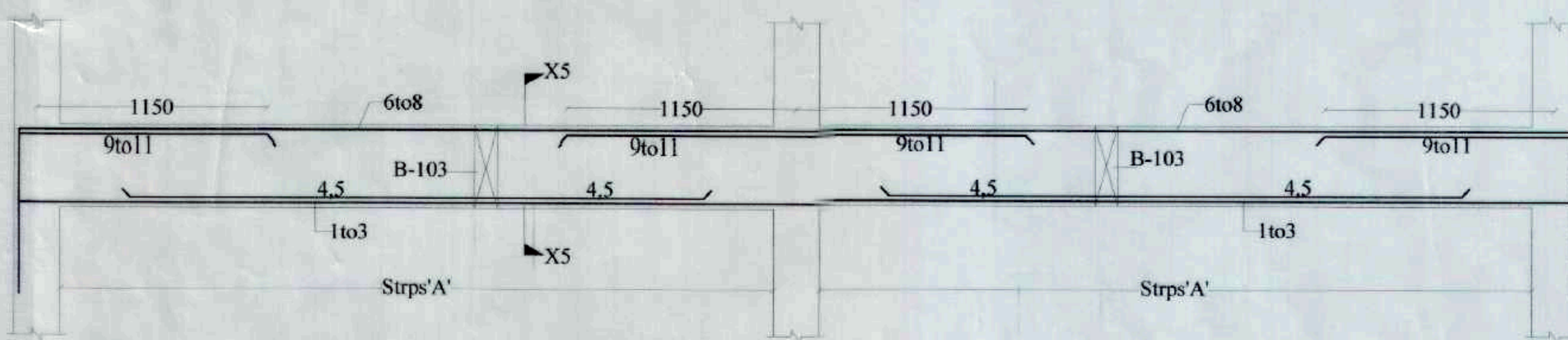
B-102
Bars: 1 to 3, 7 to 9 = 16mm dia.
4 to 6, 10 to 12 = 20mm dia.



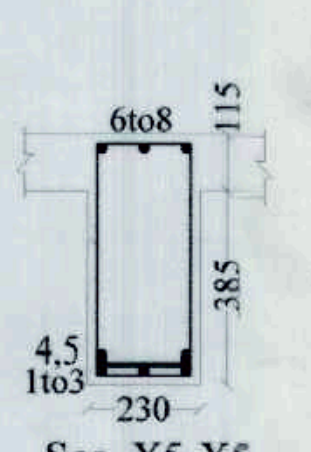
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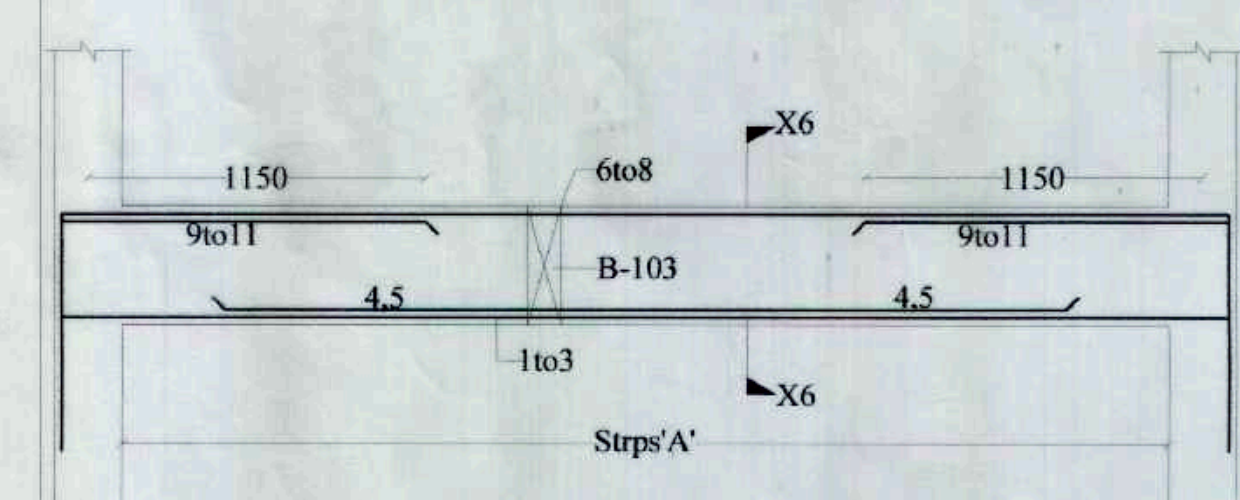
B-103
Bars: 1 to 4 = 12mm dia.
Strps'B': 8mm dia. 2L @ 150c/c.



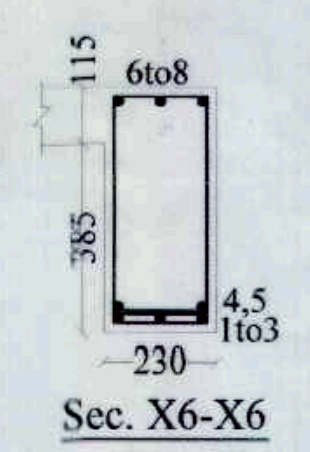
B-103
Bars: 1 to 11 = 16mm dia.



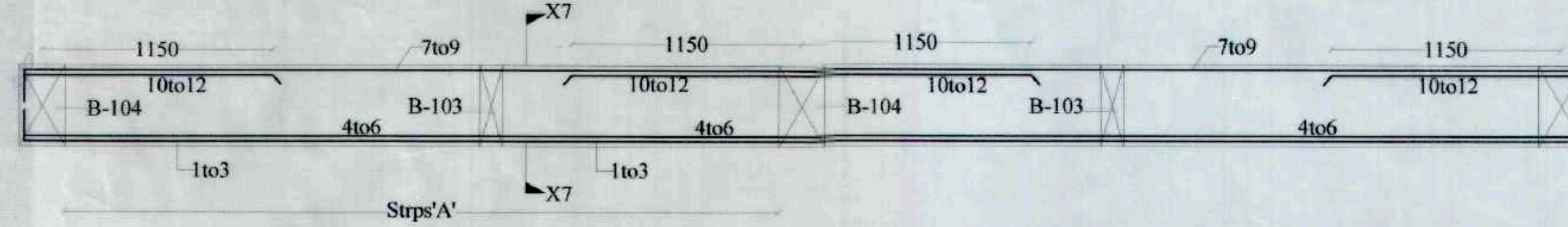
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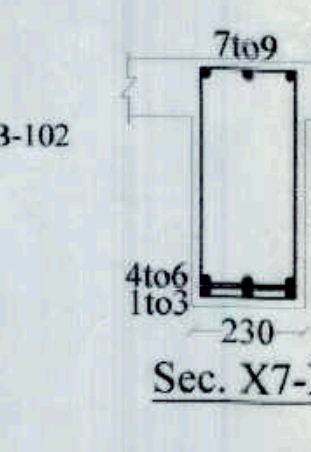
B-106
Bars: 1 to 11 = 16mm dia.



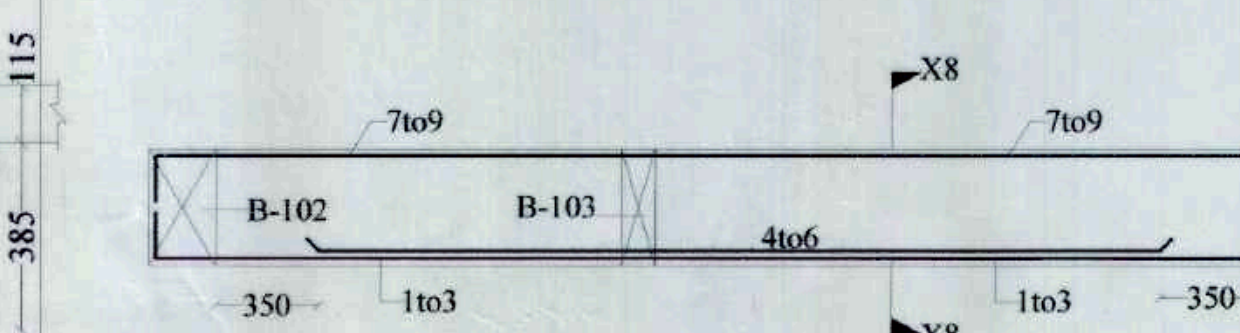
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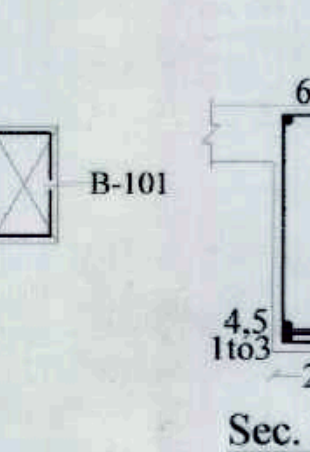
B-107
Bars: 1 to 12 = 16mm dia.



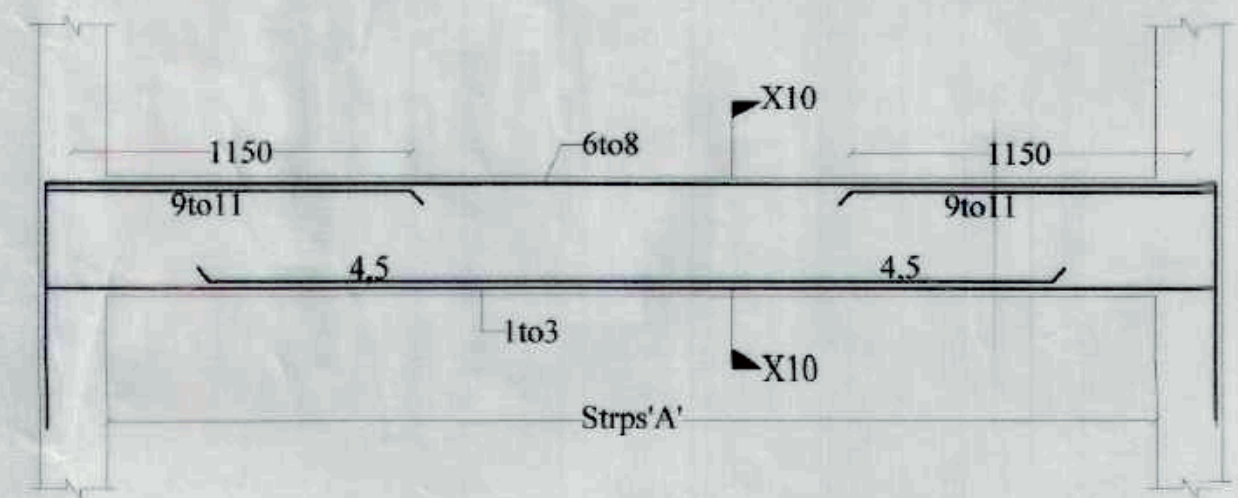
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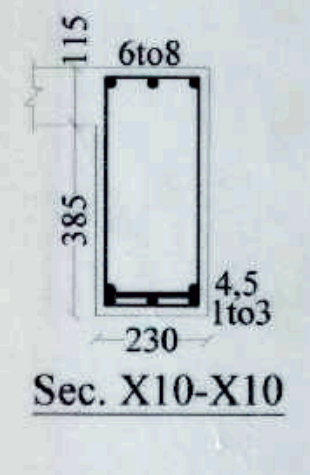
B-108
Bars: 1 to 9 = 16mm dia.



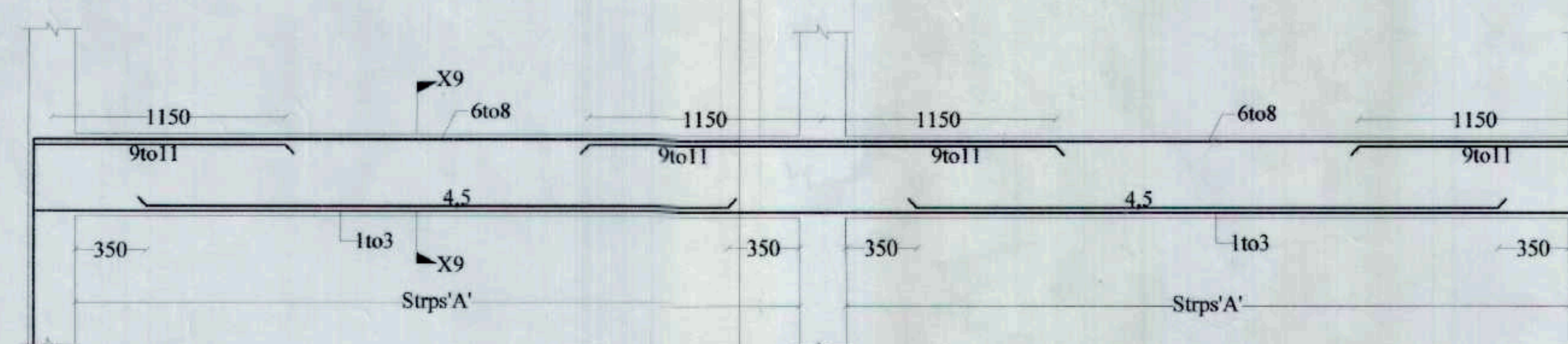
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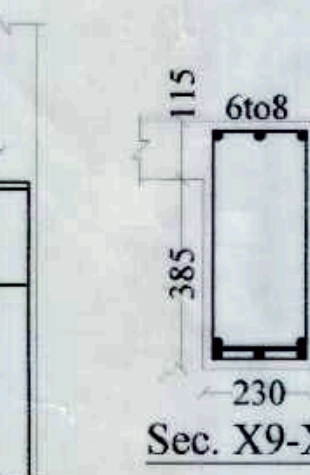
B-110
Bars: 1 to 11 = 16mm dia.



Sec. X10-X10



B-109
Bars: 1 to 11 = 16mm dia.



Sec. X9-X9

NOTES

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4. FOR CENTER LINE DIMENSIONS REFER ARCH. DRGS.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH :-
FOR M20 CONCRETE & STEEL REINFORCEMENT 415

Dia of bar(mm)	Slab/Beams(mm)	Columns(mm)
8	400	300
10	500	400
12	600	450
16	750	600
20	950	750
25	1200	950

7. CLEAR COVER TO REINF. :-
(i) FOUNDATION = 60mm
(ii) BEAM = 30mm
(iii) COLUMN = 40mm
(iv) SLAB = 25mm
8. EXTRA BARS AT TOP TO EXTEND 0.3L ON EITHER SIDE FROM FACE OF BEAM/COLUMN, WHERE 'L' IS THE C/C DISTANCE BETWEEN SUPPORTS.
9. CONC. USED IS M25
10. NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²

STIRRUPS DETAIL

Strps'A': 8mm dia. 2L 8Nos. @ 100mm c/c
+ rest @ 200mm c/c from face of supports.
Strps'B': 8mm dia. 2L @ 150mm c/c throughout.

CONSULTANTS:
SYAL & ASSOCIATES
(Chartered Engineers, Architects, Surveyors & Land Planners)

F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALI (Pb) PH 0172-2236219

CLIENT:
CHANDIGARH HOUSING BOARD

PROJECT:
HOUSING SCHEME FOR SECTOR-63,
CHANDIGARH (SIX STOREYED)

E.W.S. CATEGORY (TYPICAL UNIT)

REVISION:

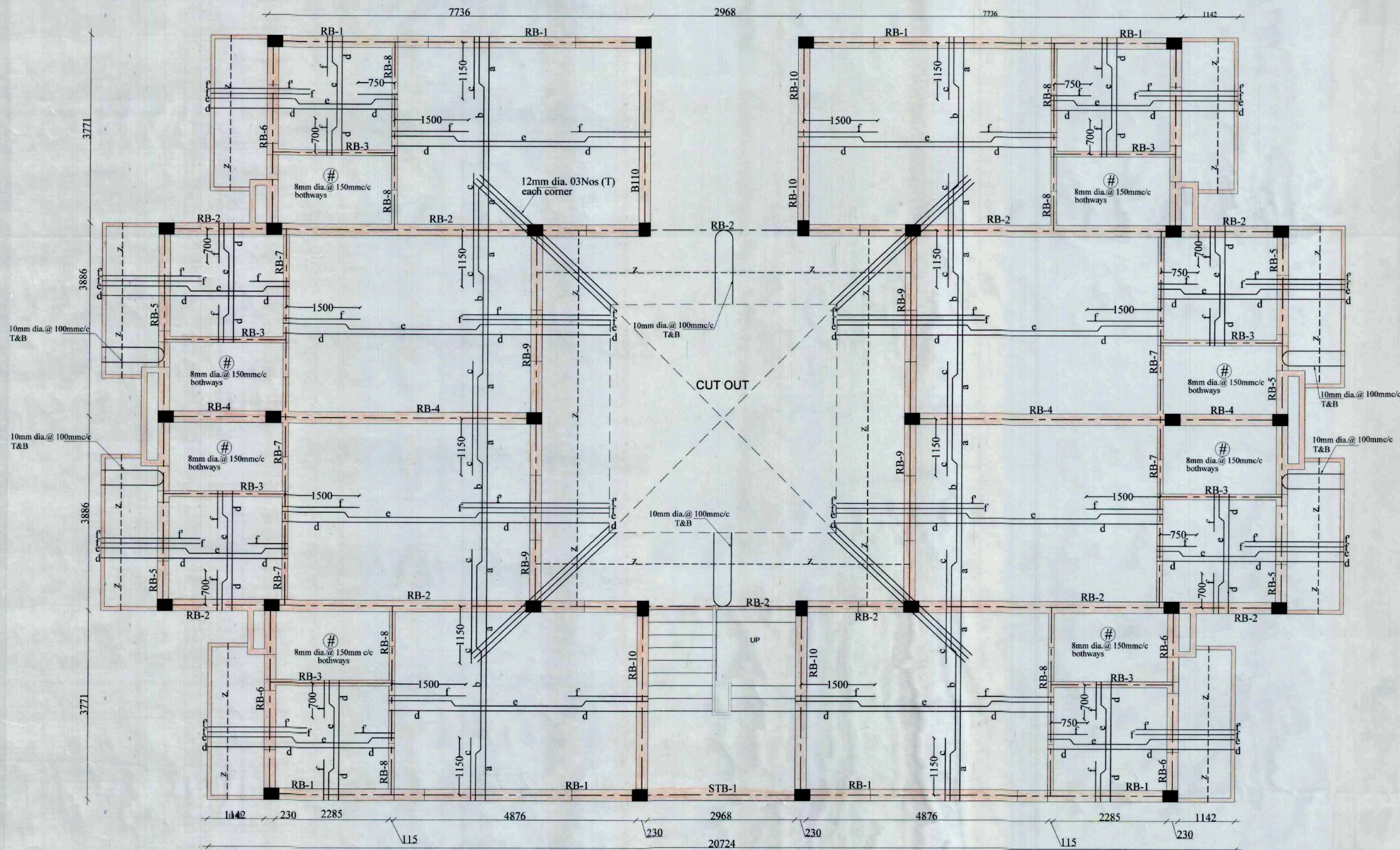
S T R U C T U R E

BEAM DETAILS
B-101 TO B-110

STRUCTURAL CONSULTANT: Dr. I. C. Syal
SIGNATURE & STAMP:

DRAWN BY: UPASNA
SCALE: N.T.S.
DATE: 14-07-2009
DRG. NO.: S-405

DRG. NO. 05
Job No. 142



THIRD FLOOR ROOF SLAB

NOTES

- DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
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FOR M20 CONCRETE & STEEL REINFORCEMENT 415

Dia of bar(mm)	Slab/Beams(mm)	Columns(mm)
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10	500	400
12	600	450
16	750	600
20	950	750
25	1200	950

- CLEAR COVER TO REINF. :-
(i) FOUNDATION = 60mm
(ii) BEAM = 30mm
(iii) COLUMN = 40mm
(iv) SLAB = 25mm
- EXTRA BARS AT TOP TO EXTEND 0.3L ON EITHER SIDE FROM FACE OF BEAM/COLUMN, WHERE 'L' IS THE C/C DISTANCE BETWEEN SUPPORTS.
- CONC. USED IS M25
- NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²

DETAIL OF STEEL REINFORCEMENT

- SLAB THICKNESS = 115mm THK.
- CONC. USED = M20

SCHEDULE OF BARS	FACE
a = 10 mm dia. @ 400mm c/c.	(B)
b = 10 mm dia. @ 400mm c/c.	(C)
c = 12 mm dia. @ 400mm c/c.	(T)
d = 8 mm dia. @ 400mm c/c.	(B)
e = 8 mm dia. @ 400mm c/c.	(C)
f = 10 mm dia. @ 400mm c/c.	(T)
g = 10 mm dia. @ 200mm c/c.	(T)

Distt. Steel:
z = 8 mm dia. @ 200mm c/c.

NOTE:
B Bottom
C Crank
T Top

CONSULTANTS:

SYAL & ASSOCIATES

(Chartered Engineers, Architects, Surveyors & Land Planners)

F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALI (Pb) PH 0172-2236219

CLIENT:

**CHANDIGARH
HOUSING
BOARD**

PROJECT:

HOUSING SCHEME FOR SECTOR-63,
CHANDIGARH (SIX STOREYED)

E.W.S. CATEGORY (TYPICAL UNIT)

REVISION:

S T R U C T U R E

THIRD FLOOR ROOF SLAB

STRUCTURAL CONSULTANT: Dr. I. C. Syal

SIGNATURE & STAMP:

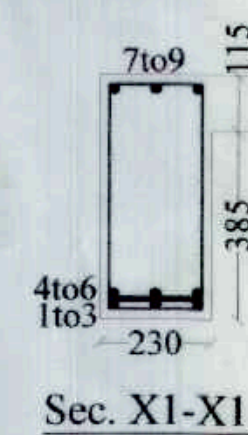
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SCALE: N.T.S.

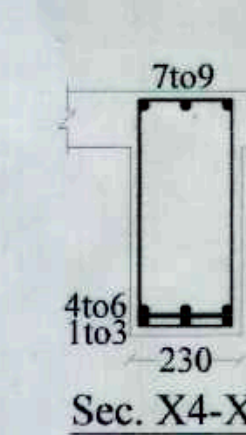
DATE: 14-07-2009

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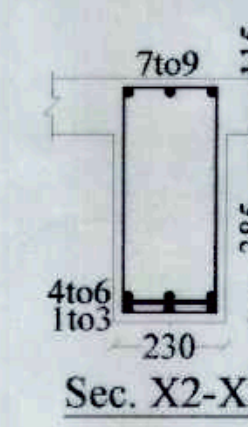
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JOB No. 142



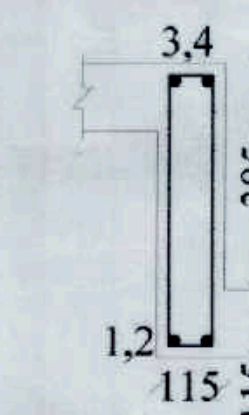
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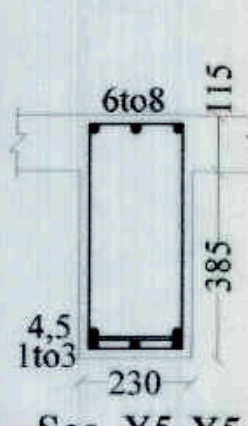
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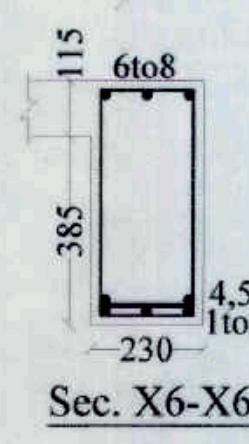
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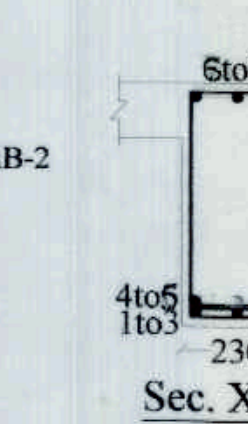
RB-3
Bars: 1 to 4 = 12mm dia.
Strps'B': 8mm dia. 2L @ 150c/c.



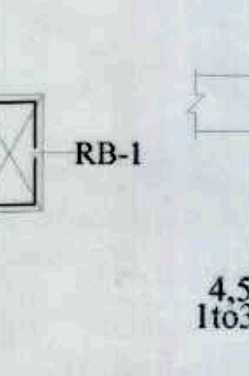
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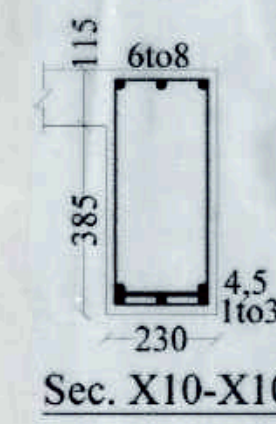
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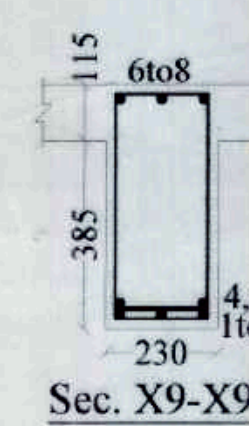
Sec. X



Se



Sec. X10-X10



Sec. X9-X9

DRG-NO. 07
JOB NO. 142

GENERAL NOTES

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF NOR BARS SHALL BE COUNTED FROM DRAWING.
2. ALL DIMENSIONS ARE IN FEET & INCHES UNLESS MENTIONED OTHERWISE.
3. CONTRACTOR IS TO CHECK ALL DIMENSIONS BEFORE EXECUTION OF WORK.
4. FOR CENTER LINE DIMENSION REFER ARCH DRAWINGS
5. CEMENT SHALL CONFORM TO IS: 269 & IS: 8112 (ORDINARY PORTLAND CEMENT).
6. REINFORCEMENT SHALL BE TMT BARS WITH CHARACTERISTIC STRENGTH $F_y = 415 \text{ N/mm}^2$.
7. $\emptyset$ INDICATES THE DIA OF HYSD BARS OF GRADE $F_e 415$ REFER TO IS: 1786, 1979.
8. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
9. THE LAP LENGTH OF THE BARS SHALL BE AS PER TABLE GIVEN BELOW.
10. ALL THE REINFORCEMENT DETAILING SHALL IN GENERAL CONFORM TO IS: 456-2000, IS-1893-2002, IS-13920, IS-4326-1993 and SP-23(S&T)-1987).
(HAND BOOK ON REINF & DETAILING OF BUREAU OF INDIAN STANDARDS)

11. WHEN CONCRETING IS DONE IN PHASE SUITABLE CONSTRUCTION JOINT SHALL BE GIVEN AS PER RELIVENT IS CODE.
12. DESIGN / DIA OF BARS SHALL NOT BE CHANGED WITHOUT PRIOR APPROVAL OF THIS OFFICE.
- LAP LE

13. CLEAR COVER TO REINF.
FOUNDATION = 60mm BEAM = 30mm
COLUMN = 40mm SLAB = 25mm

FOOTING

14. CONCRETE MIX CONFORMING TO IS :456-2000
IN FOOTING SHALL BE AS SPECIFIED
AGAINST EACH FOOTING & RAFT MIX M-20.

15. WHILE CASTING THE R.C.C IN FOOTING THE FOUNDATION STRATA SHALL BE KEPT DRY AND FREE FROM ANY INGRESS OF WATER

16. FOUNDATION SHALL REST OVER PCC 150mm THK HAVING MIX (1:6:12).

17. BEFORE CASTING OF FOOTING THE COLUMN REINF SHALL BE PLACED IN POSITION AS PER RELEVANT COLUMN REINF DRAWINGS

17. BEFORE CASTING OF FOOTING THE COLUMN REINF SHALL BE PLACED IN POSITION AS PER RELEVANT COLUMN REINF DRAWINGS

STEELCHAIRS

18. 12mm DIA IN GENERAL SPACED @ 1.5m c/c UNLESS SPECIFIED OTHERWISE. IN CASE OF COLUMN BASE 2m x 2m AREA PROVIDE STEEL CHAIRS 12mm DIA @ 300mm c/c.

COLUMNS

19. CONCRETE MIX CONFORMING TO IS :456-2000 IN COLUMNS SHALL BE M-25(1:1:2).
20. NOT MORE THAN ONE HALF OF THE TOTAL NUMBER OF COLUMN MAIN BARS SHALL BE OVERLAPPED AT ANY SECTION OF THE COLUMN
21. THE COLUMN HEIGHT FOR PROVIDING LATERAL REINF SHALL BE DIVIDED IN TWO PARTS;
UNCONFINED & CONFINED LENGTH AND CONFINED LENGTH SHALL BE LARGEST OF
(a) 1/6 OF CLEAR HEIGHT (H) OF COLUMN OF PARTICULAR FLOORS
(b) LARGEST LATERAL DIMENSION OF COLUMN OF PARTICULAR FLOOR (c) 450mm
22. TIES IN THE CONFINED LENGTH SHALL BE PROVIDED AT THE SPACING OF NOT MORE THAN 100mm
KEEPING ALL THE TIES AT ONE SECTION.
23. TIES SHALL HAVE 135 DEGREE HOOK WITH 10 TIMES DIAMETER EXTENSION (NOT LESS THAN 75mm) OF EACH END.
24. DOWEL BARS FOR LINTELS OF THOSE DOORS & WINDOWS ETC WHICH ARE ADJACENT TO THE COLUMNS SHALL
COME OUT FROM CORRESPONDING COLUMN.
25. COLUMN SHALL BE FILLED TO THE LVL 150mm BELOW THE JUNCTION OF THE BEAM LOWEST BEAM OR HAUNCH
BEFORE MAKING A CONSTRUCTION JOINT.
26. ORIENTATION OF THE COLUMN SHALL BE ACCORDING TO KEY PLAN.
27. WHEN BARS OF DIFFERENT DIAMETER ARE TO BE SPLICED THE LENGTH OF THE SPLICED SHALL BE PROVIDED IN
THE BEAMS RESTING ON THE COLUMNS
28. COLUMNS OF THE STAIR CASE WHERE MID LANDING BEAMS ARE THERE SHALL HAVE CONFINING TIES THROUGHOUT
COLUMN LENGTH.

BEAMS

29. CONCRETE MIX CONFORMING TO IS :456-2000 IN BEAMS SHALL BE M-20(1:1 ½:3).
30. THE MINIMUM VERTICAL DISTANCE BETWEEN TWO HORIZONTAL MAIN BARS SHALL BE 15mm OR THE MAXIMUM SIZE OF THE COARSE AGGREGATE OR MAX SIZE OF BAR WHICH EVER IS GREATER.

SLAB

31. RCC MIX SHALL BE M-20(1:1½:3).
32. ALTERNATE BARS SHALL BE CRANKED AT 45° AT A DISTANCE OF ONE FIFTH OF SPAN FROM THE SUPPORT AND SHALL BE TAKEN UPTO ONE THIRD OF THE NEXT SPAN AT ALL CONTINUOUS EDGES.

STAIR

33. RCC MIX SHALL BE M-20 UNLESS OTHERWISE SPECIFIED
34. STAIR CASE DATA
 - A) TREAD = AS PER ARCHITECTURAL DRAWINGS
 - B) RISER = AS PER ARCHITECTURAL DRAWINGS
35. REINFORCEMENT FROM INCLINED WAIST SLAB SHOULD BE CARRIED SUFFICIENTLY IN LANDING FOR A LENGTH AT LEAST EQUAL TO DEVELOPMENT LENGTH.
36. REINFORCEMENT FROM INCLINED WAIST SLAB SHOULD BE CARRIED SUFFICIENTLY IN LANDING FOR A LENGTH AT LEAST EQUAL TO DEVELOPMENT LENGTH.
37. WALLS:
FOR 230mm THK. WALLS, USE CM 1:6.
FOR 115mm THK. WALLS, USE CM 1:4.
38. CAMBER:
IN ALL BEAMS & SLABS, APPROPRIATE CAMBER BE PROVIDED.
 - (a) SLABS
 - (i) BALCONIES 1.37m SPAN 20mm CAMBER
 - (ii) BALCONIES 1.8m SPAN 30mm CAMBER
 - (b) BEAMS
 - (i) SPAN LESS THAN 4m SPAN 12mm CAMBER
 - (ii) SPAN 6m SPAN 20mm CAMBER

STRUCTURE CONSULTANT;

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F-91, PHASE VII,

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CLIENT:-



CHANDIGARH HOUSING BOARD

PROJECT:

HOUSING SCHEME FOR SECTOR-63, CHANDIGARH. (SIX STOREY)

ENGINEER ;

Dr I.C SYAL

STAMP & SIGNATURE

DATE : 30-06-09

DRG. NO. : S-0

DRG-No. 08 JOB No. 142