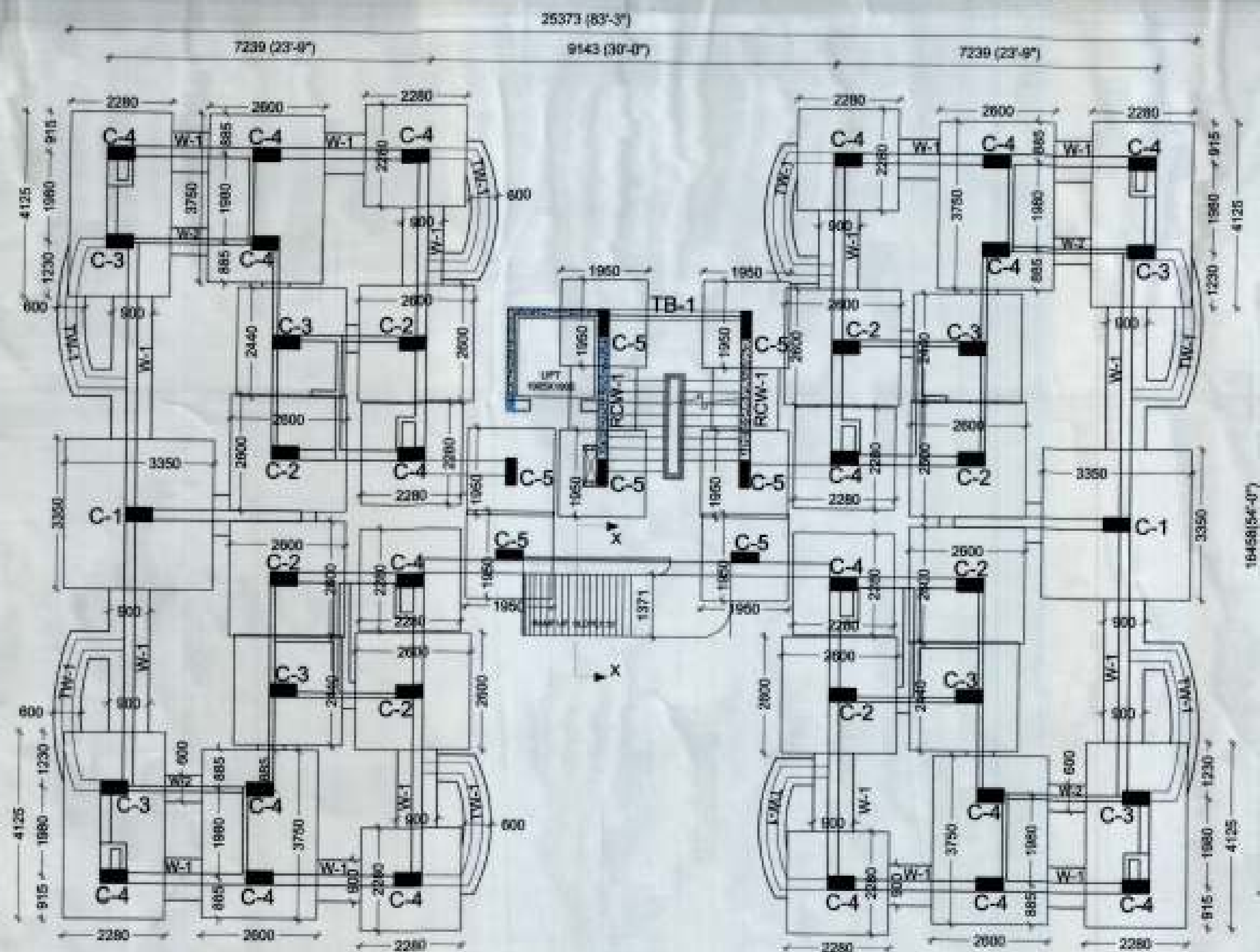
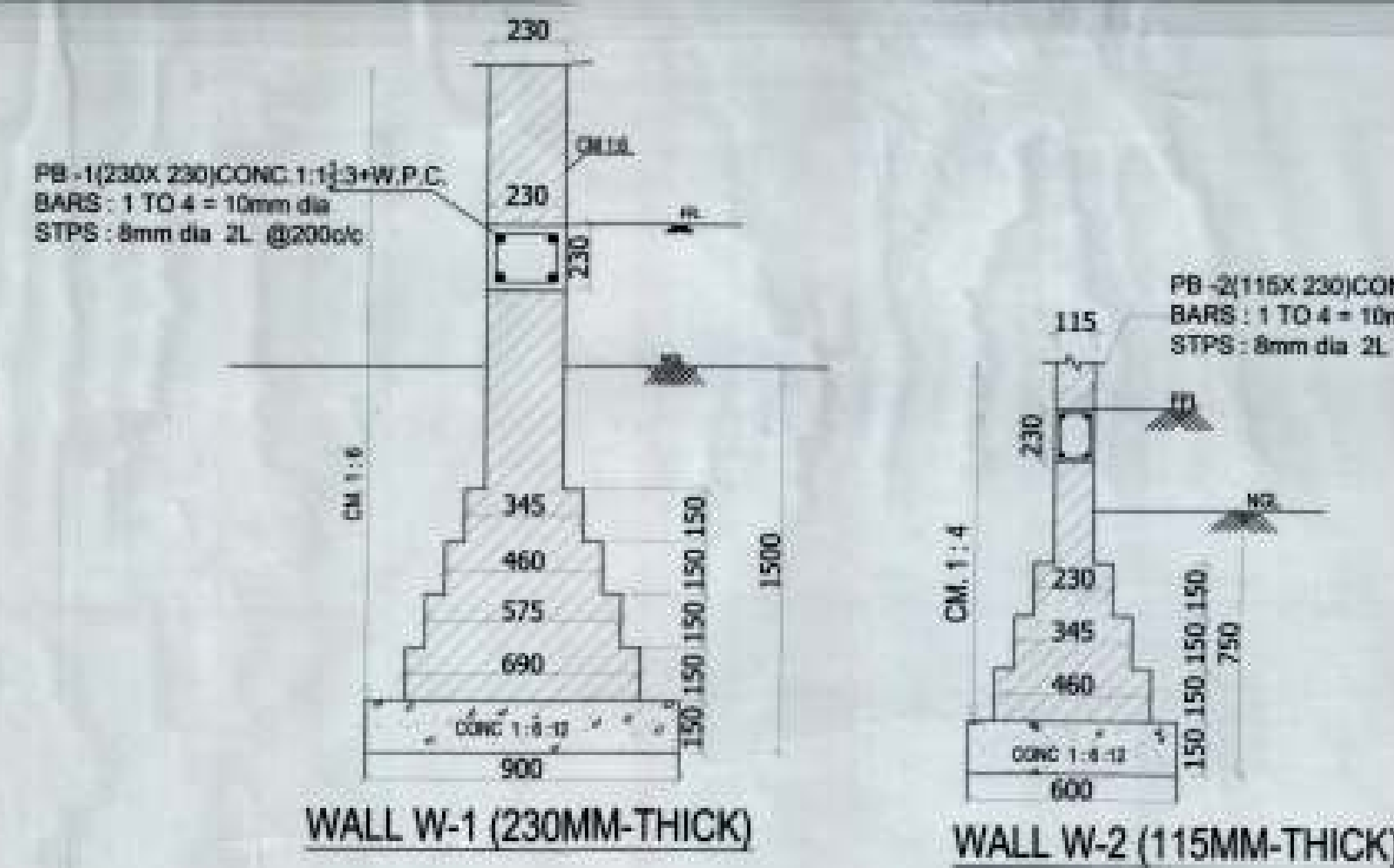
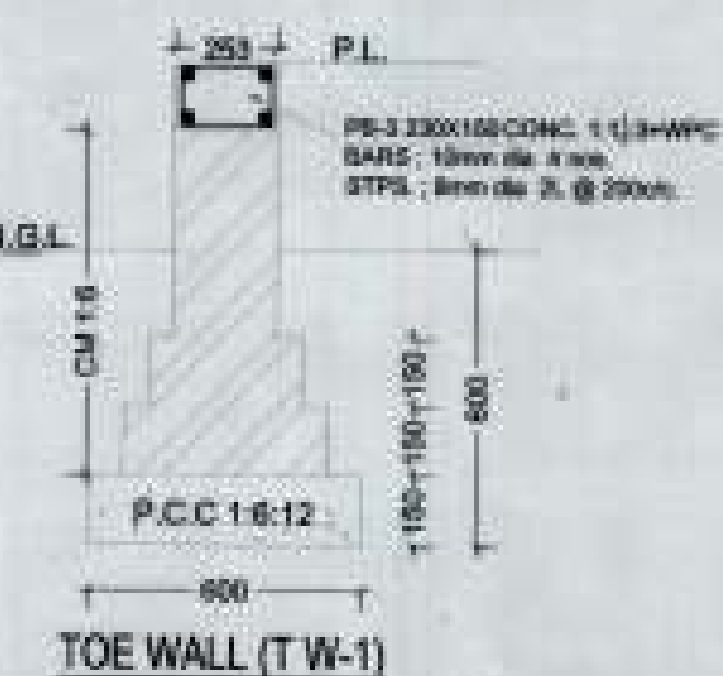
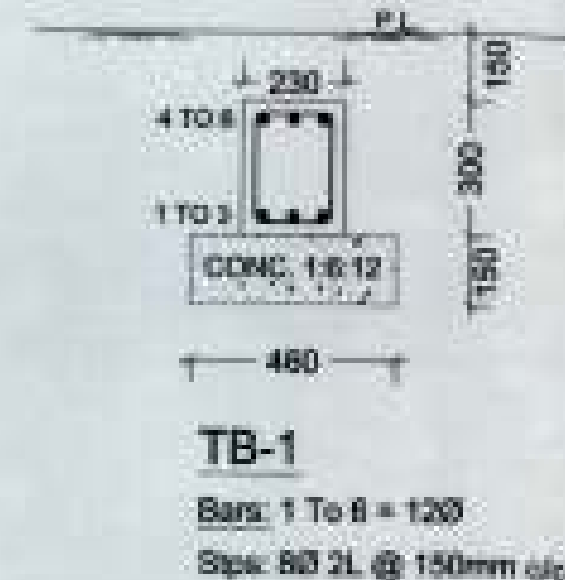
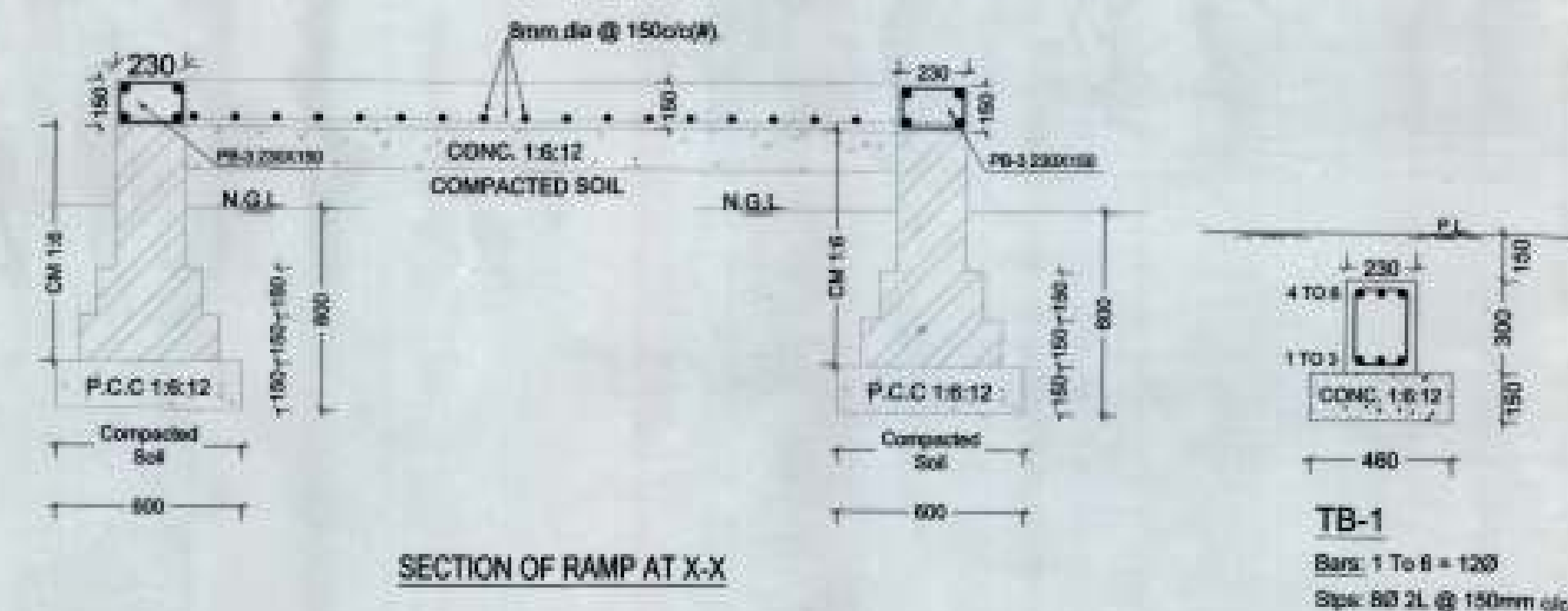




FOUNDATION & EXCAVATION KEY PLAN



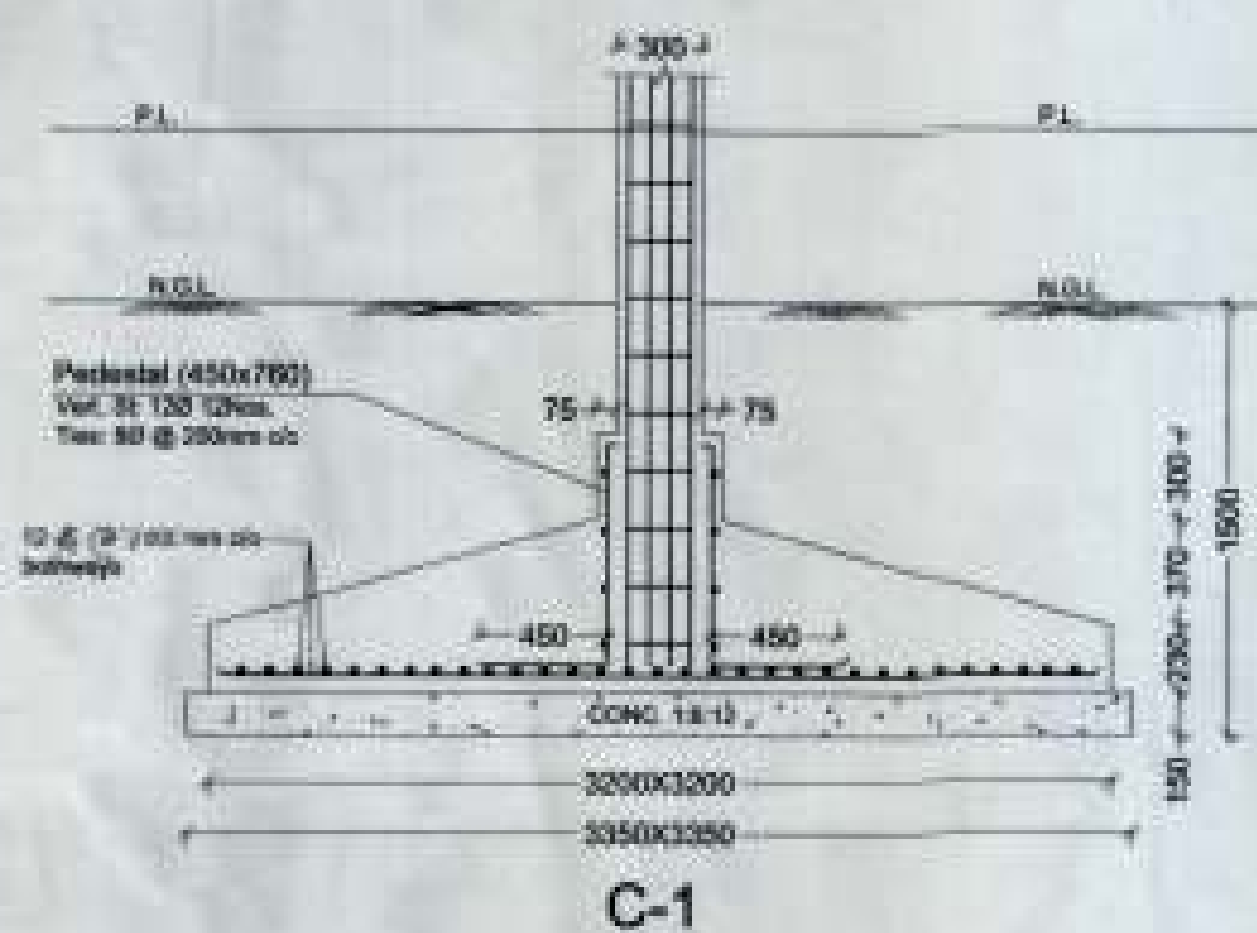
SECTION OF RAMP AT X-X



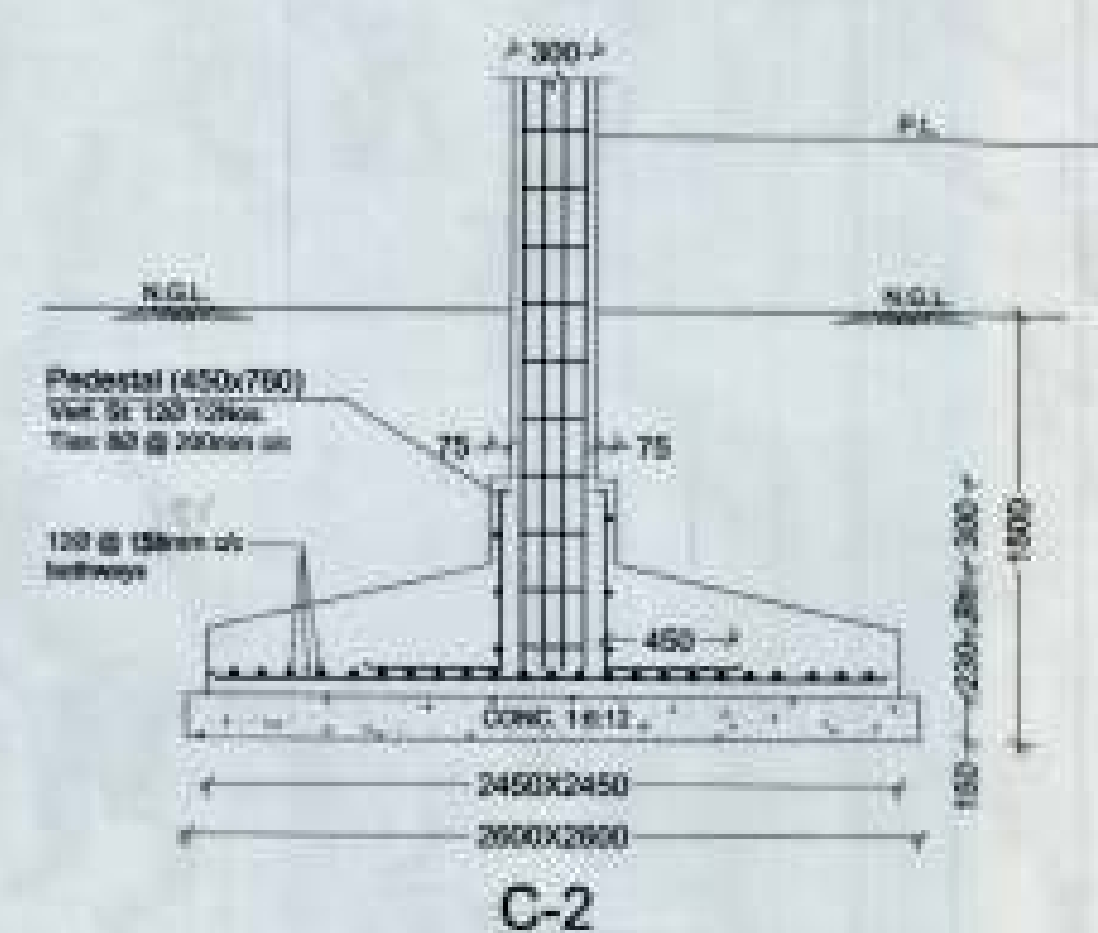
NOTES

- 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. DRAWINGS.
- NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
- LAP LENGTH / ANCHORAGE LENGTH -
FOR M20 CONCRETE & STEEL REINFORCEMENT #15

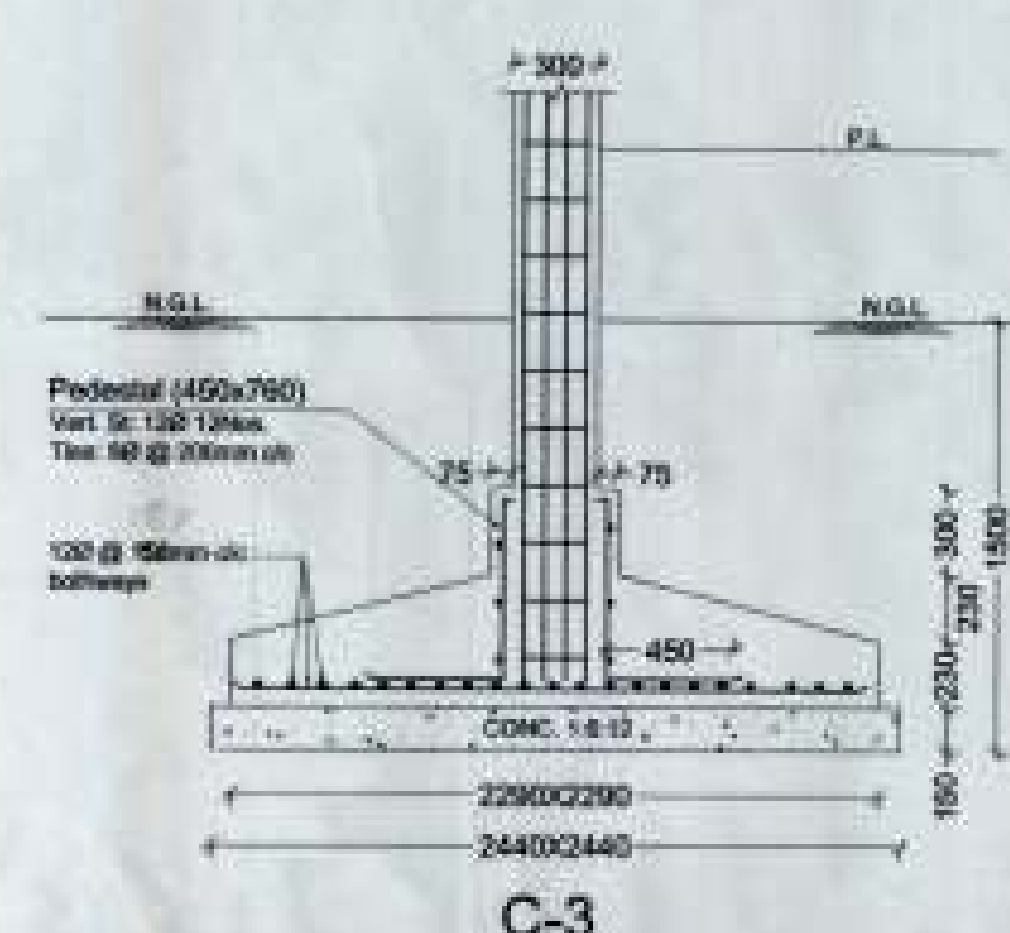
Dia of bar (mm)	Bar/Beams (mm)	Columns (mm)
8	400	300
10	500	400
12	600	500
16	750	600
20	950	700
25	1200	950
- CLEAR COVER TO REINF -
 (i) FOUNDATION = 80mm
 (ii) BEAM = 35mm
 (iii) COLUMN = 40mm
 (iv) SLAB = 25mm
- IN ALL COLUMNS PROVIDE TIES @ 100mm OC IN H/6 OF TOP & BOTTOM OF COLUMNS & IN OVERLAPPING DISTANCE OF BARS WHERE 'H' IS CLEAR HEIGHT OF COLUMN.
- CONC. USED IS M20
- NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/M²



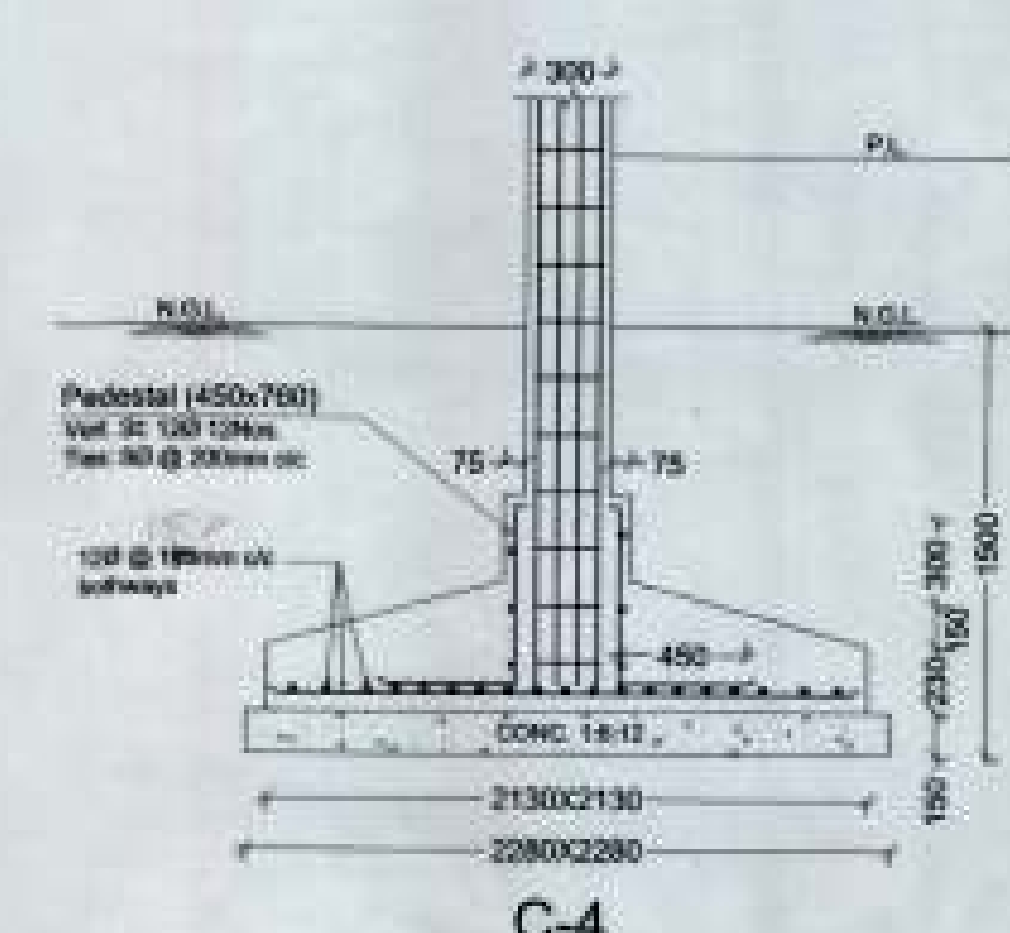
C-1



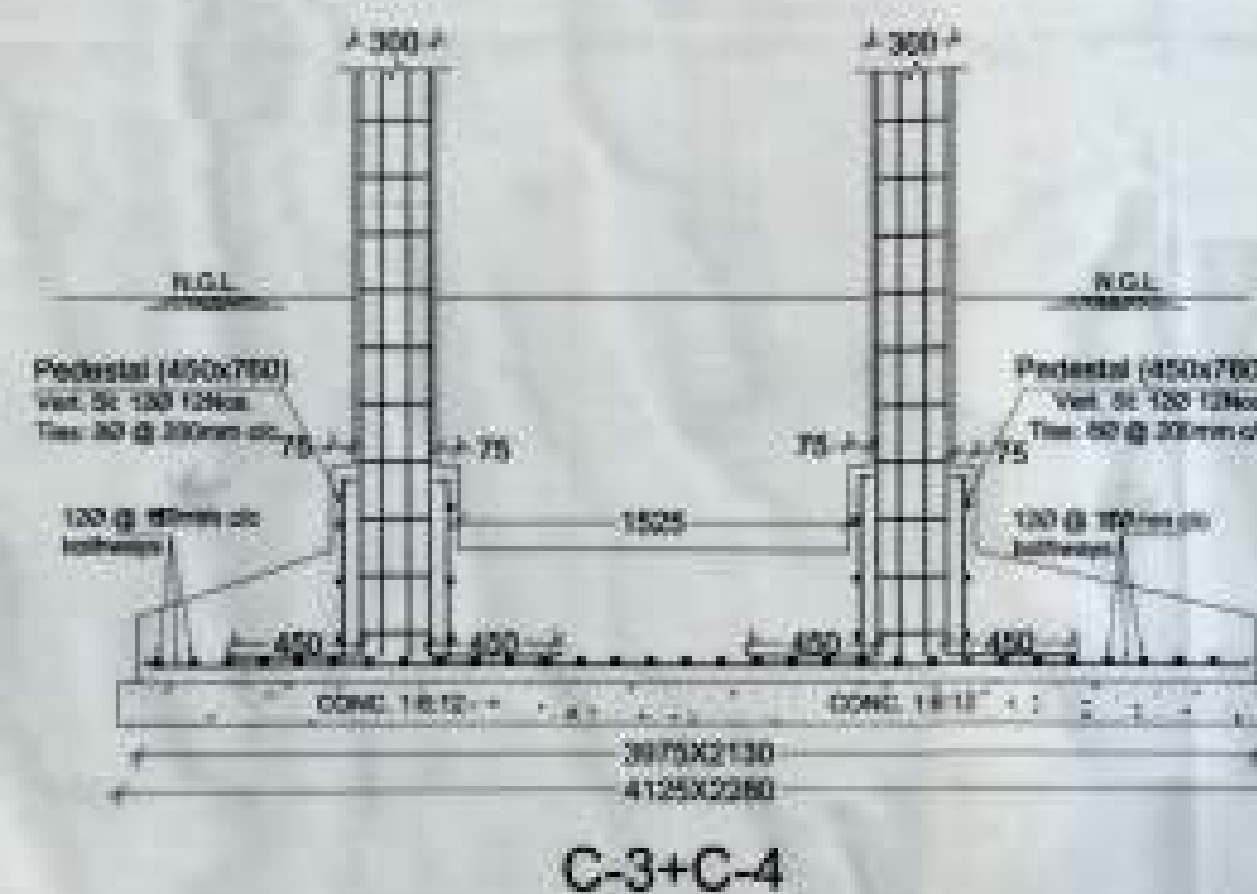
C-2



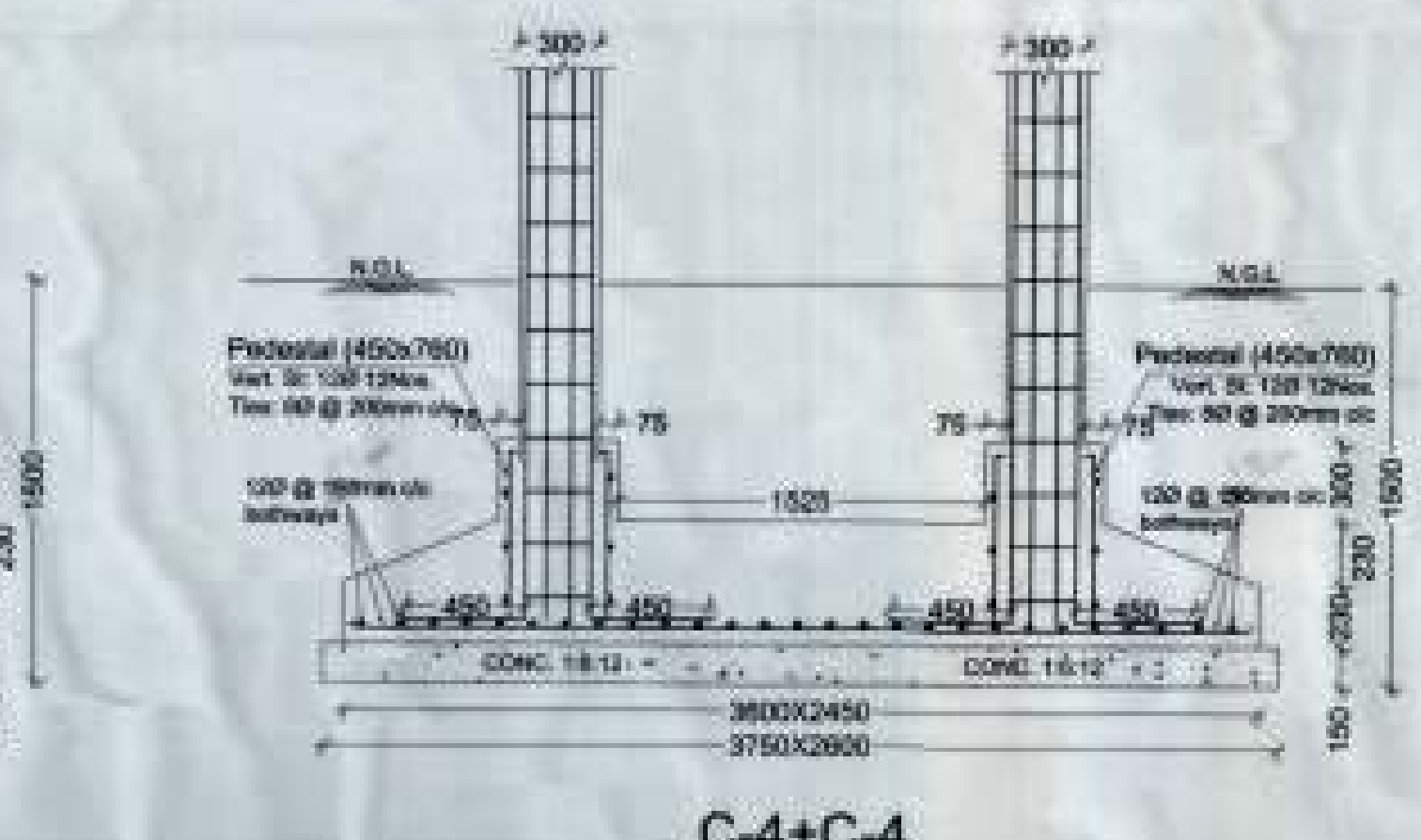
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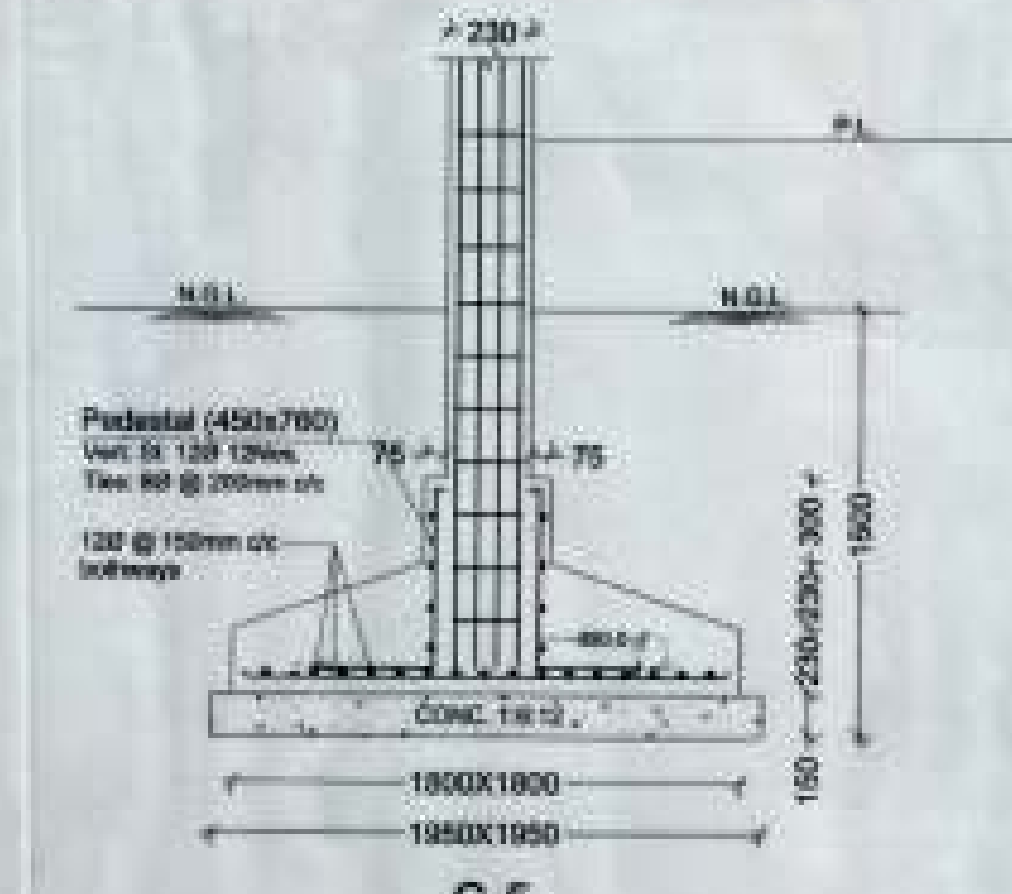
C-4



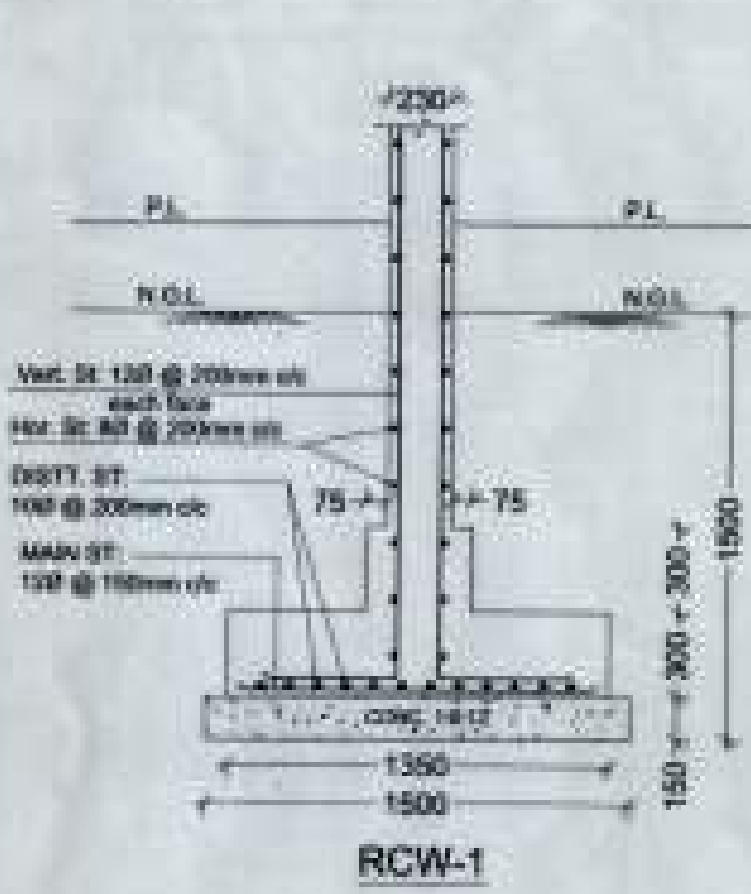
C-3+C-4



C-4+C-4



C-5



RCW-1

CONSULTANTS:
SYAL & ASSOCIATES
 (Chartered Engineers, Architects, Surveyors & Land Planners)
 F-91, PHASE VII,
 INDUSTRIAL AREA,
 MOHALL (PB) PH 0172-2236219

CLIENT:
CHANDIGARH HOUSING BOARD

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

ONE BED ROOM FLATS (G+5)

REVISION:

STRUCTURE

FOUNDATION & EXCAVATION KEY PLAN

STRUCTURAL CONSULTANT: **Dr. I. C. Syal**

SIGNATURE & STAMP:

DRAWN BY: **BRUNIVESH HANS**

SCALE: **N.T.S.**

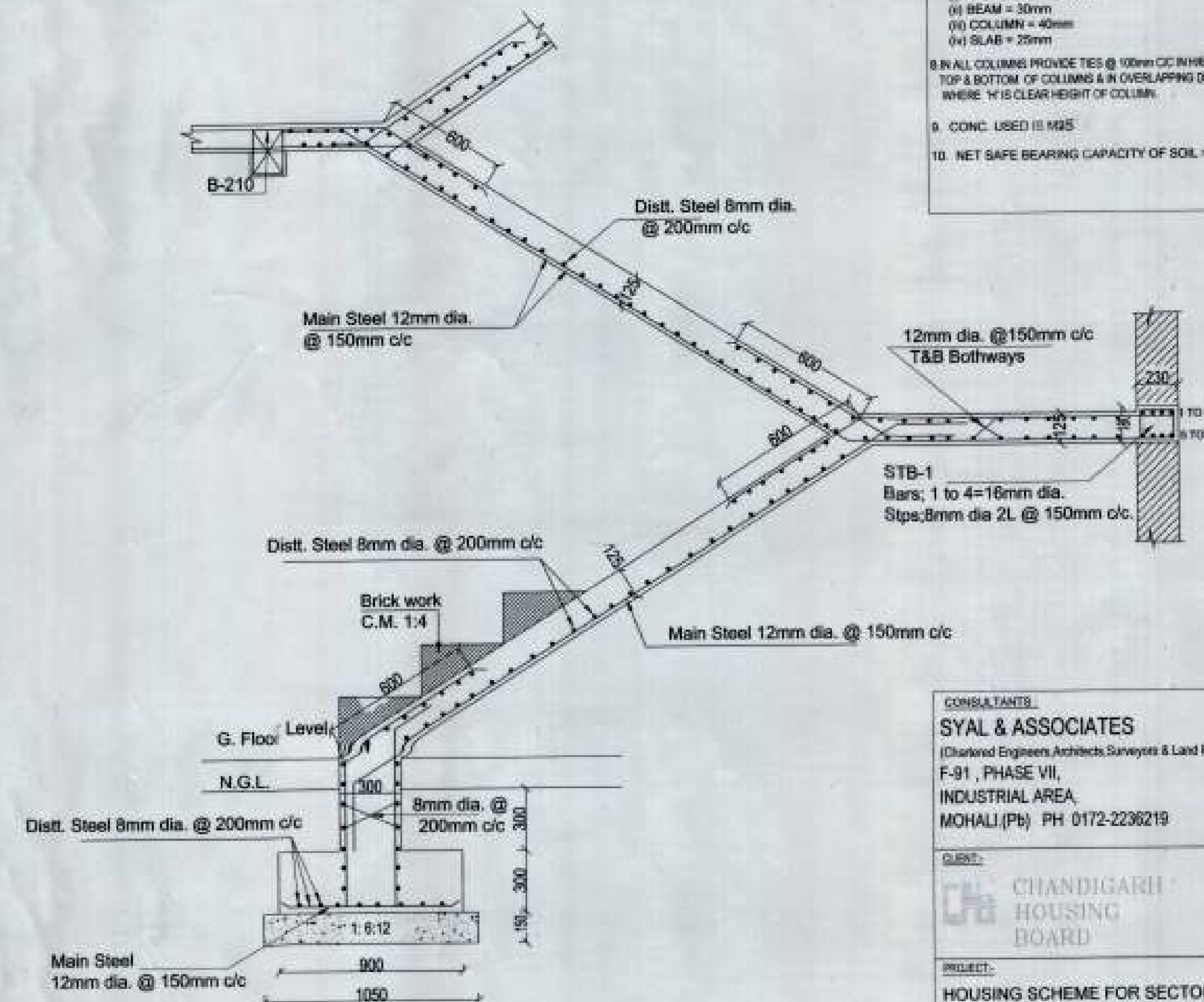
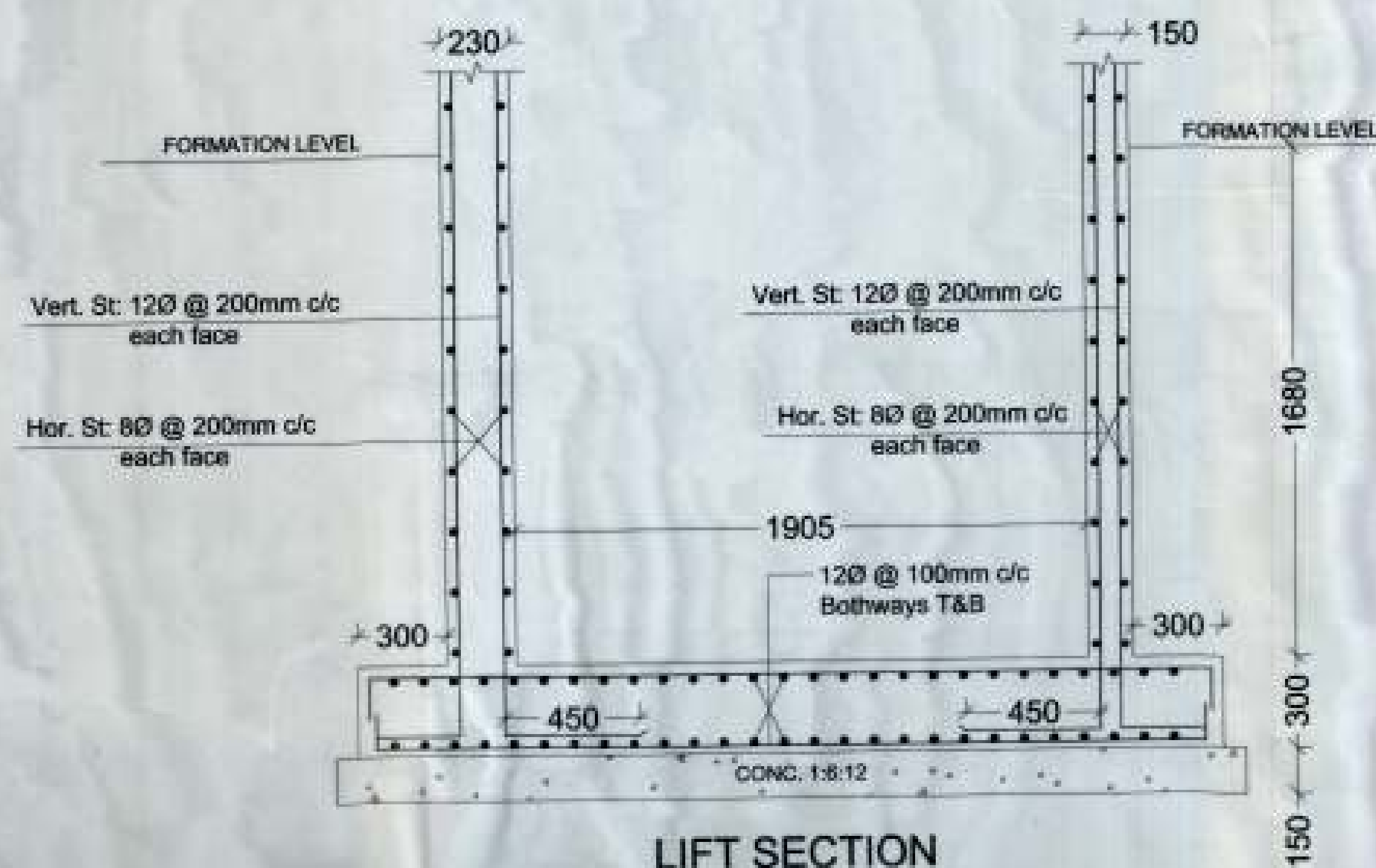
DATE: **8-07-09**

DRG. NO.: **8-201-78**

DRG. No. 02
 JOE No. 141

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
TERRACE TO FIFTH FLOOR		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c
FIFTH FLOOR TO FOURTH FLOOR		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c
FOURTH FLOOR TO THIRD FLOOR		VERT. ST. 20Ø 4Nos. + 16Ø 4Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c
THIRD FLOOR TO SECOND FLOOR		VERT. ST. 20Ø 4Nos. + 16Ø 4Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c
SECOND FLOOR TO FIRST FLOOR		VERT. ST. 20Ø 4Nos. + 16Ø 4Nos. TIES: 8Ø 3 sets @ 200mm c/c		VERT. ST. 16Ø 12Nos. TIES: 8Ø 3 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c
FIRST FLOOR TO GROUND FLOOR		VERT. ST. 20Ø 8Nos. + 16Ø 4Nos. TIES: 8Ø 3 sets @ 200mm c/c		VERT. ST. 16Ø 12Nos. TIES: 8Ø 3 sets @ 200mm c/c		VERT. ST. 16Ø 8Nos. TIES: 8Ø 2 sets @ 200mm c/c

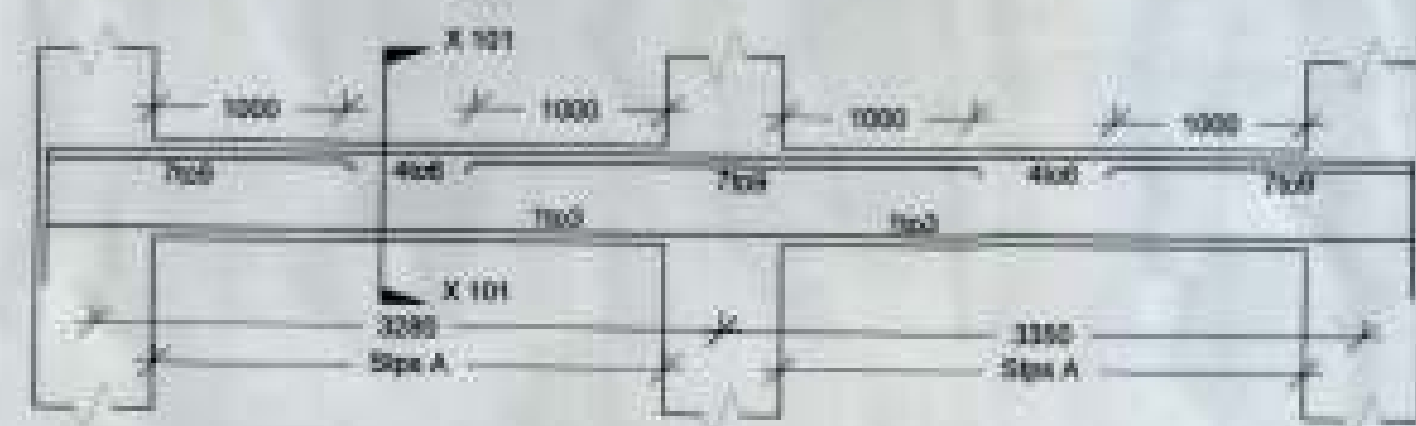


NOTES

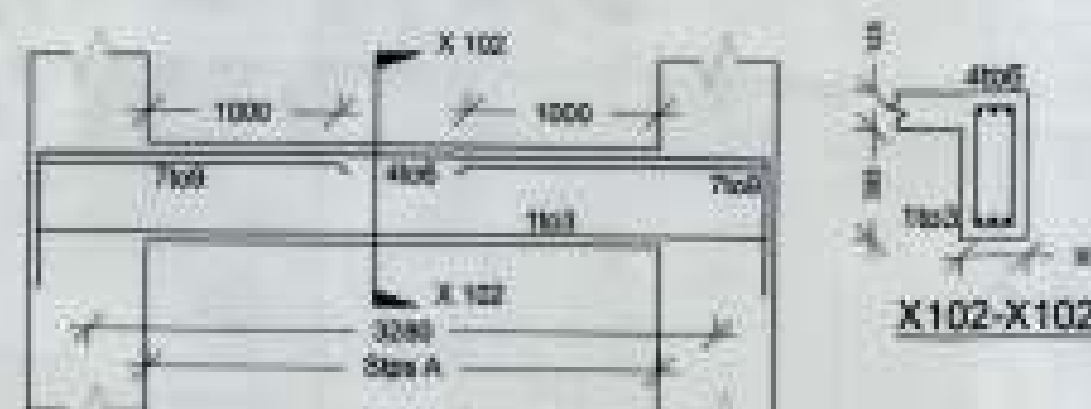
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 - FOR CENTER LINE DIMENSIONS REFER ARCH. DRAWINGS.
 - NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
 - LAP LENGTH / ANCHORAGE LENGTH -
FOR M20 CONCRETE & STEEL REINFORCEMENT 415
- | Dia of bar (mm) | Slab (mm) | Column (mm) |
|-----------------|-----------|-------------|
| 8 | 400 | 300 |
| 10 | 500 | 400 |
| 12 | 600 | 450 |
| 16 | 750 | 600 |
| 20 | 900 | 750 |
| 25 | 1200 | 900 |
- CLEAR COVER TO REINF -
(i) FOUNDATION = 80mm
(ii) BEAM = 30mm
(iii) COLUMN = 40mm
(iv) SLAB = 25mm
 - IN ALL COLUMNS PROVIDE TIES @ 100mm c/c IN H/E OF TOP & BOTTOM OF COLUMNS & IN OVERLAPPING DISTANCE OF BARS WHERE 'H' IS CLEAR HEIGHT OF COLUMN.
 - CONC. USED IS M20
 - 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-83, CHANDIGARH. (SIX STOREY)	
ONE BED ROOM FLATS (G+5) & (G+5)	
REVISION	
STRUCTURE	
SCHEDULE OF COLUMN, STAIR CASE DETAIL & LIFT REINF. DETAIL	
STRUCTURAL CONSULTANT:	Dr. I. C. Syal
SIGNATURE & STAMP	
DRAWN BY: BHUVNESH MEANS	
SCALE: N.T.S.	
DATE: 3-07-09	
DRG. NO.: S-202	

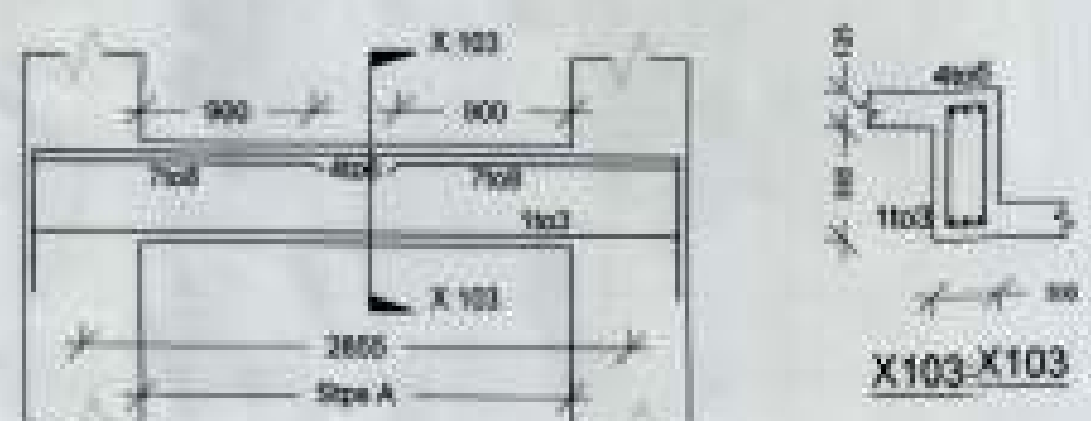
DRG. No. 02
Job No. H/1



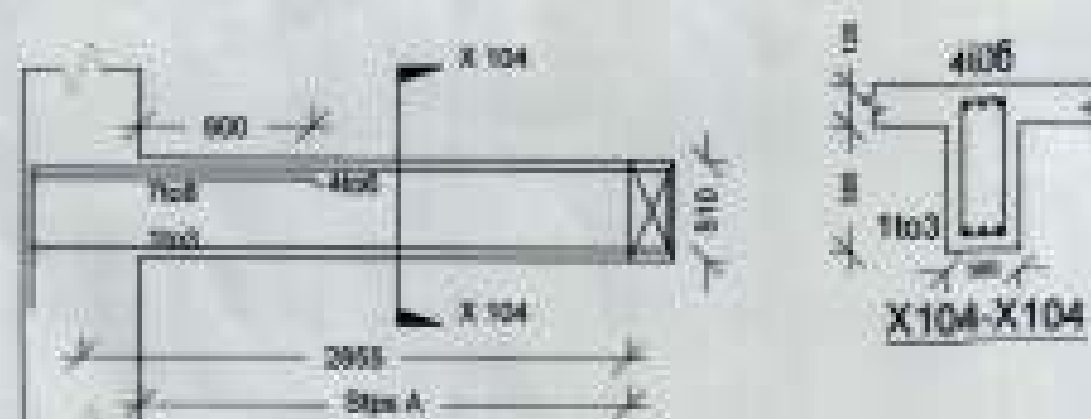
B-101
Bars: 1to9 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-102
Bars: 1to9 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



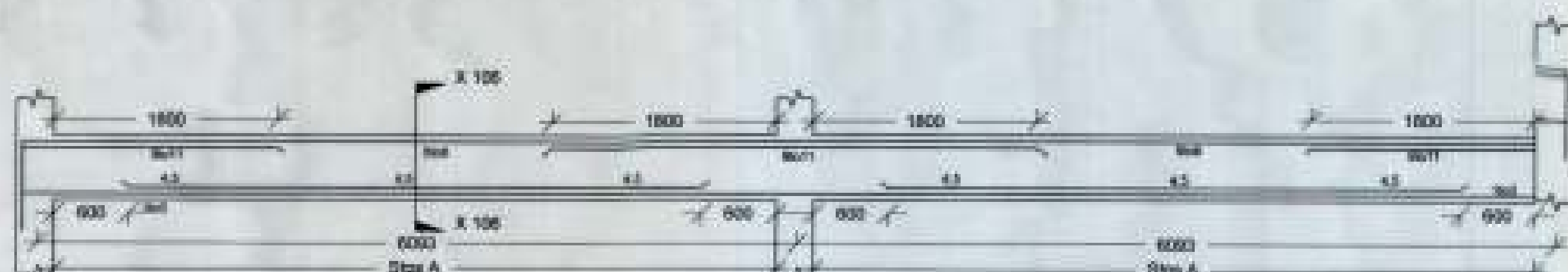
B-103
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-104
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



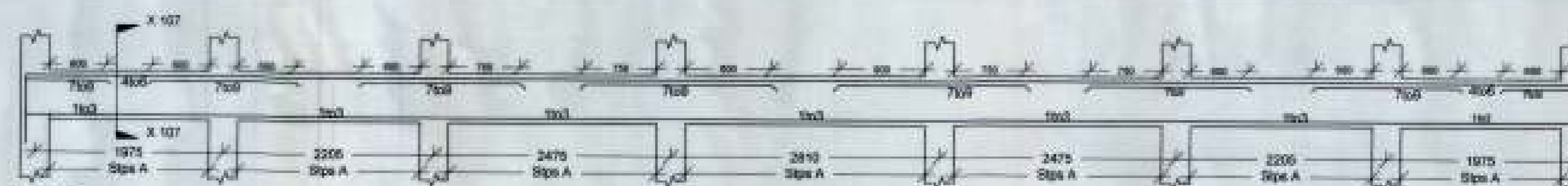
B-105
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-106
Bars: 1to11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



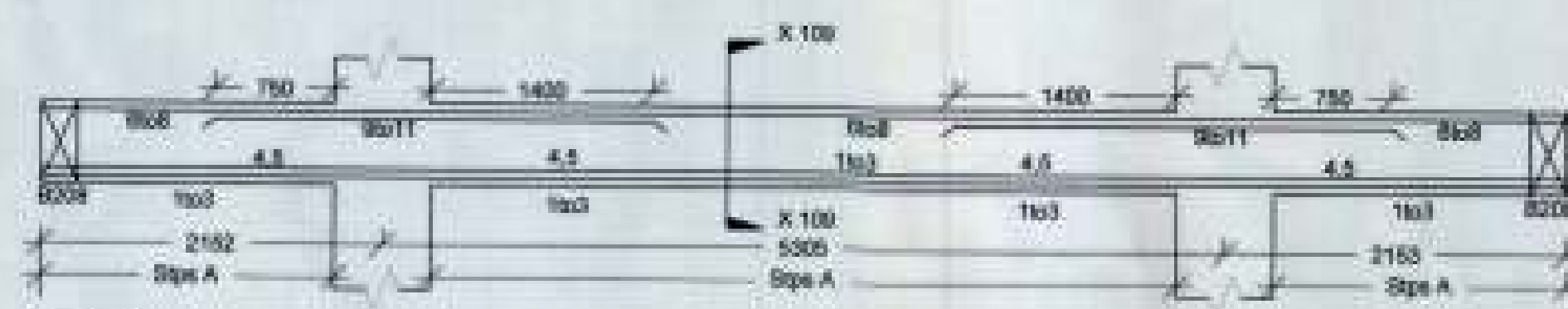
X101-X101



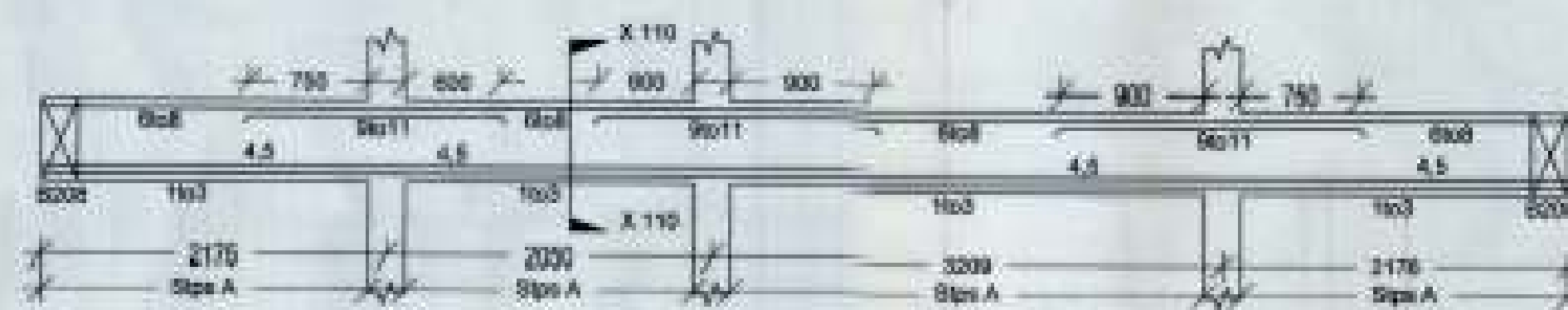
B-107
Bars: 1 to 9 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



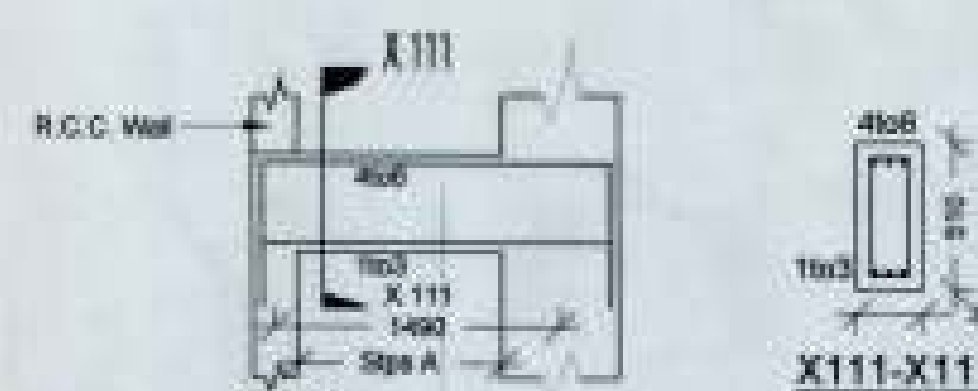
B-108
Bars: 1 to 12 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



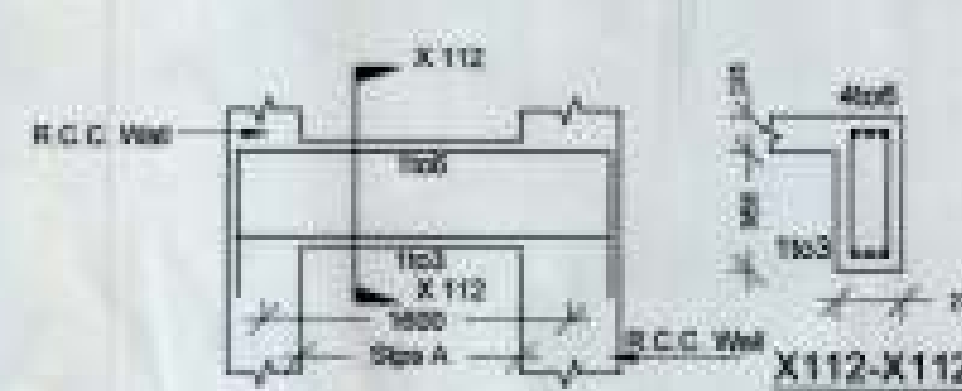
B-109
Bars: 1 to 11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



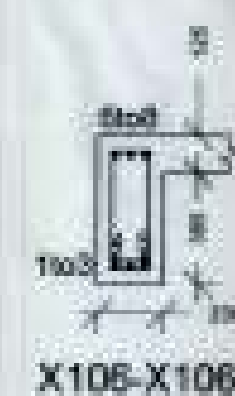
B-110
Bars: 1 to 11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



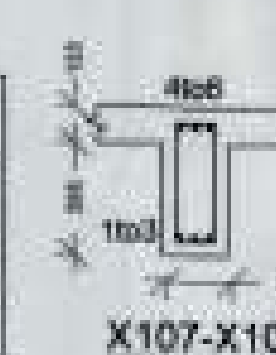
B-111
Bars: 1 to 6 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



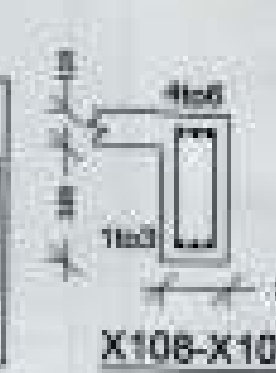
B-112
Bars: 1 to 6 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



X105-X106



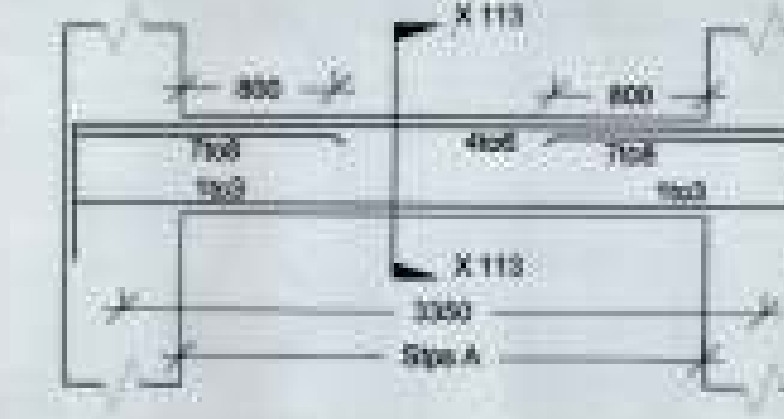
X107-X107



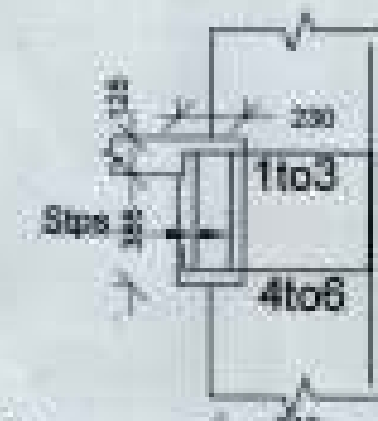
X108-X108



X113-X113



B-113
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



BB-1
Bars: 1to6 = 16mm dia.
Stps: 10mm dia. 2L @ 115mm c/c

NOTES

- DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
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 - FOR CENTER LINE DIMENSIONS REFER ARCH. DRAWINGS.
 - 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 = 50mm
(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

CONSULTANTS

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F-91, PHASE VII,
INDUSTRIAL AREA,
MOHALL (PB) PH 0172-2236219

CLIENT

CHANDIGARH
HOUSING
BOARD

PROJECT

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

ONE BED ROOM FLATS (S+5)

REVISION

STRUCTURE

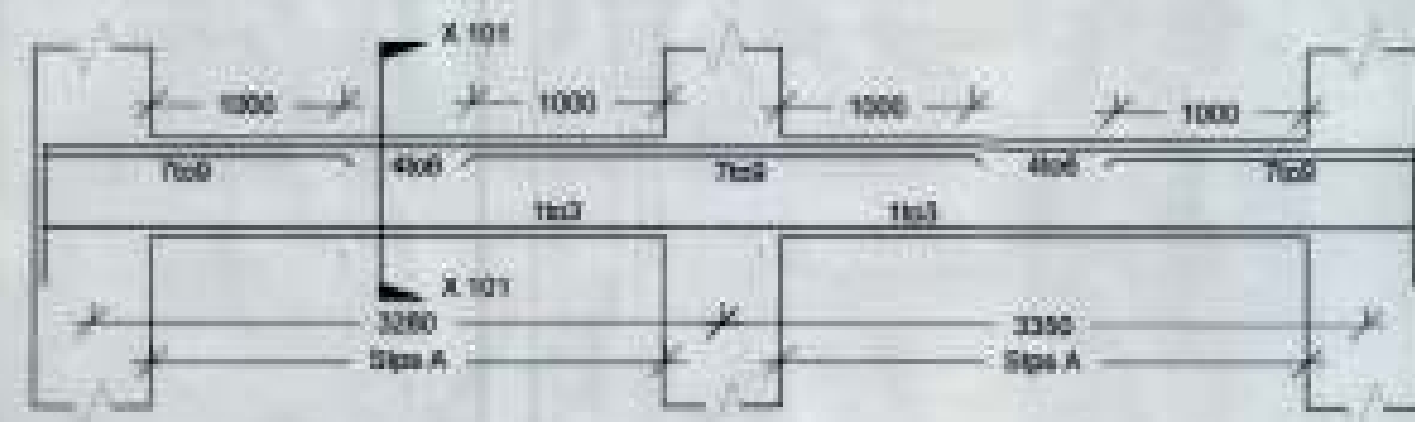
STILT ROOF SLAB BEAM REINF DETAIL

STRUCTURAL CONSULTANT: Dr. L.C. Syal

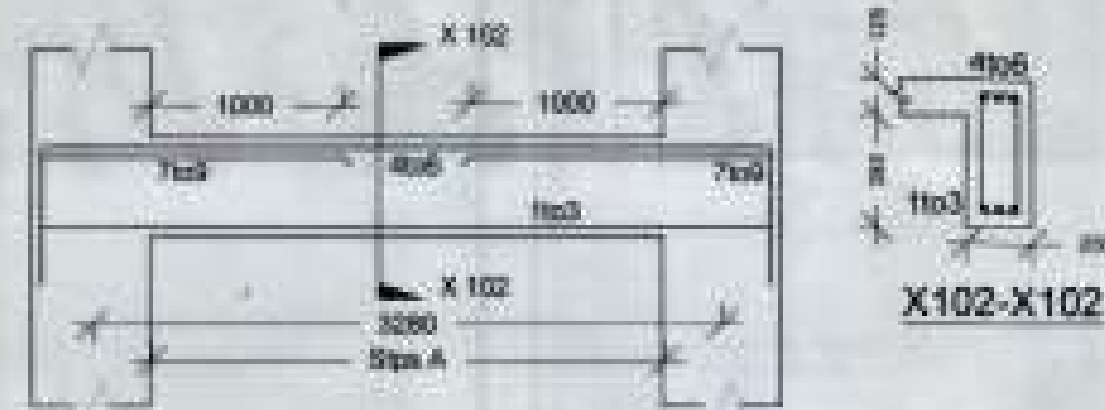
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DRAWN BY:	RAVI
SCALE:	N.T.S.
DATE:	11-07-08
DRG. NO.:	S-203A

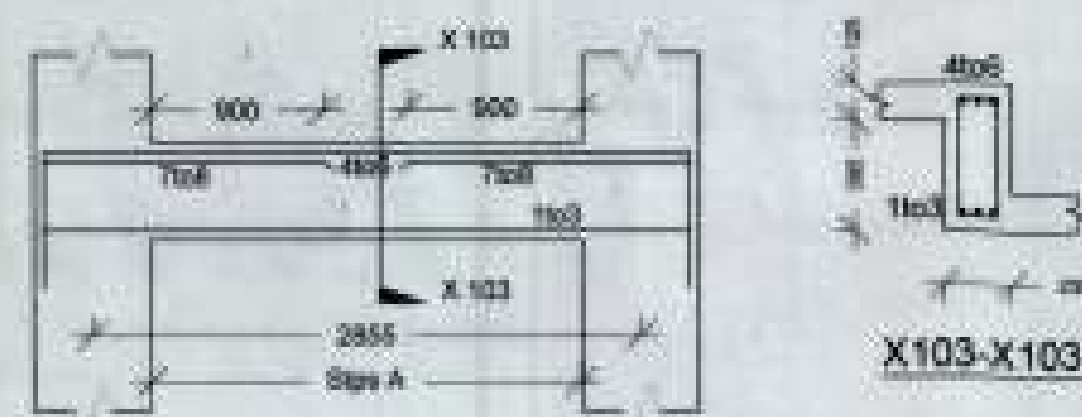
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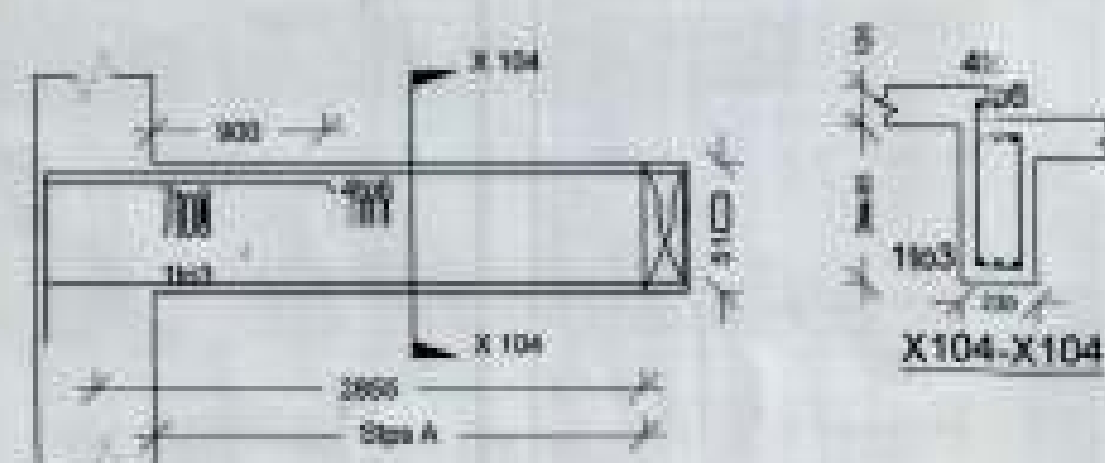
B-101
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



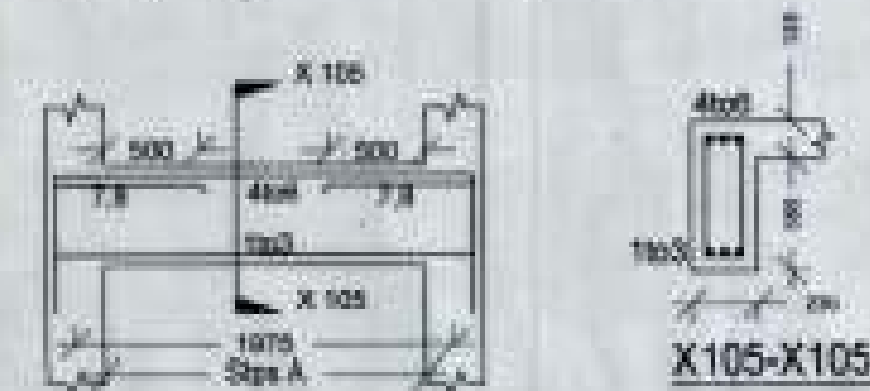
B-102
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



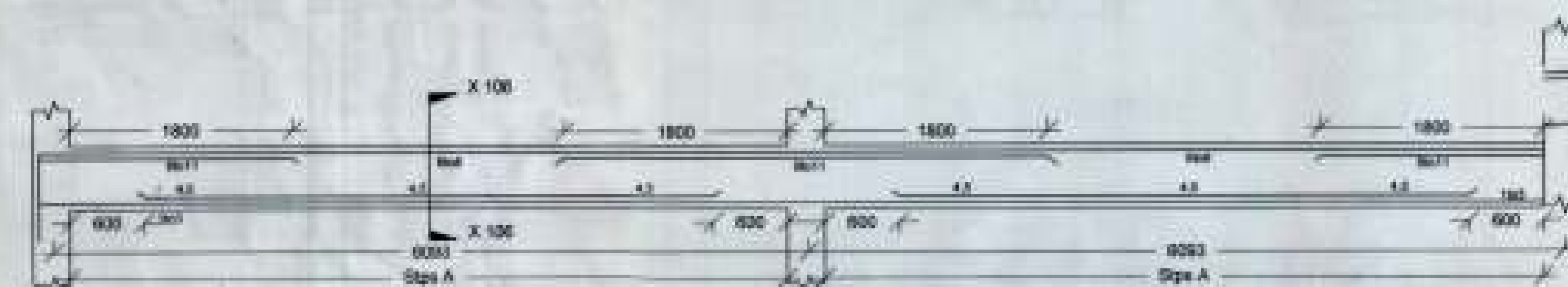
B-103
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-104
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



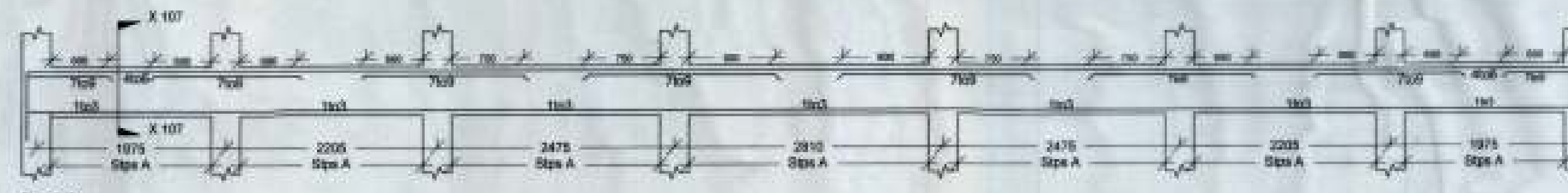
B-105
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



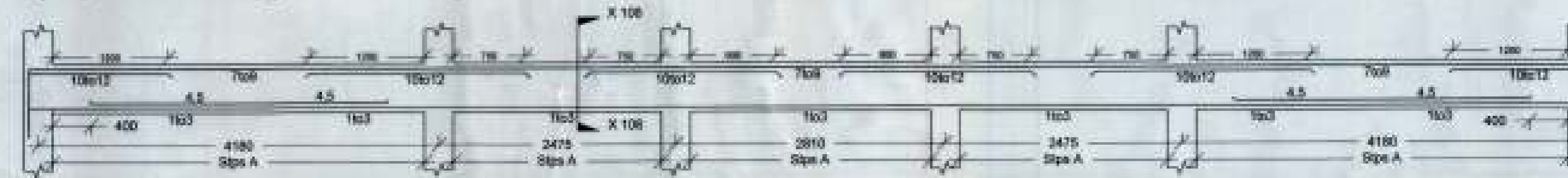
B-106
Bars: 1to11 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



X101-X101



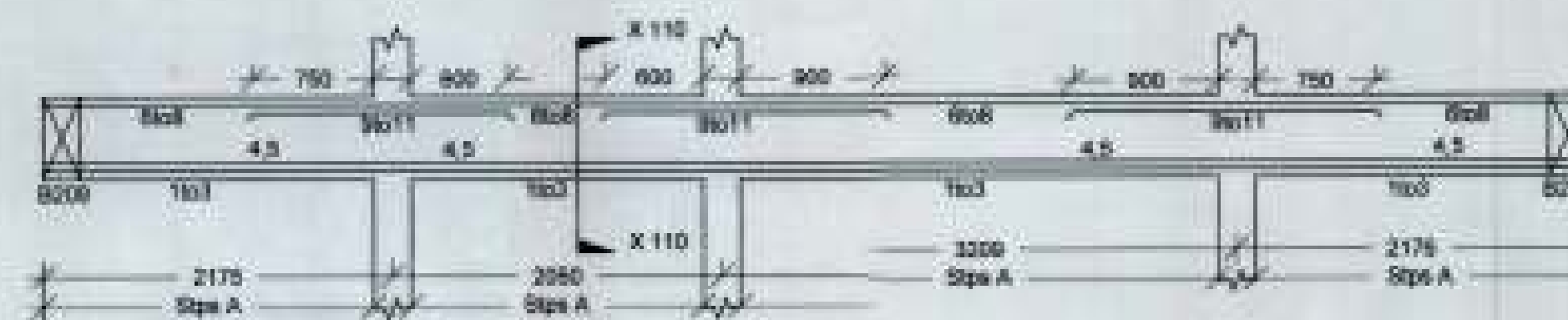
B-107
Bars: 1 to 9 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



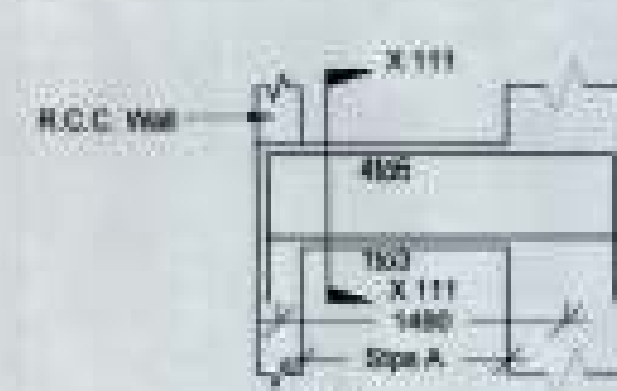
B-108
Bars: 1 to 12 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



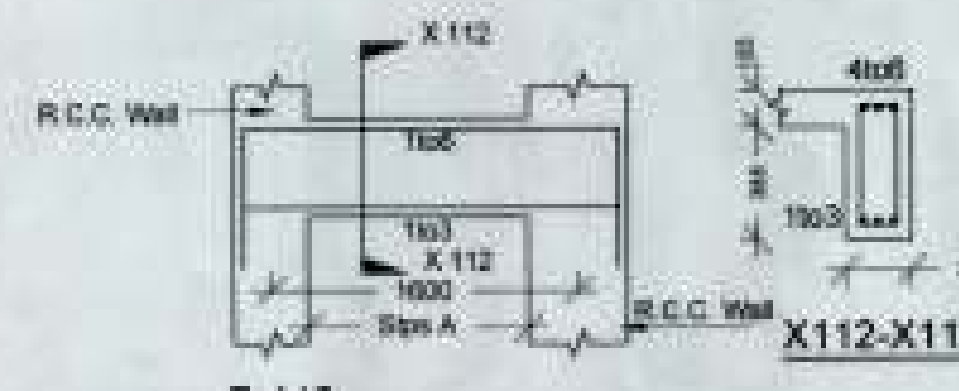
B-109
Bars: 1 to 11 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-110
Bars: 1 to 11 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-111
Bars: 1 to 6 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



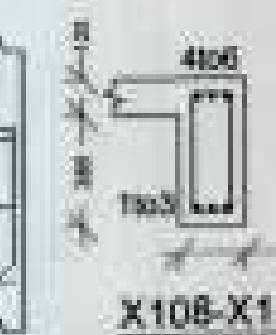
B-112
Bars: 1 to 6 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



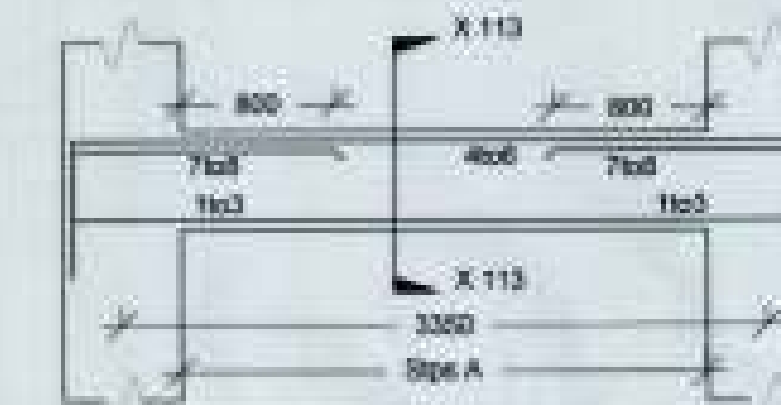
X106-X106



X107-X107



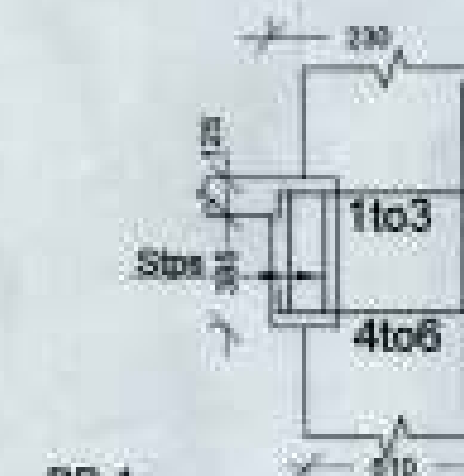
X108-X108



B-113
Bars: 1to8 =16mm dia.
Stps A; 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



X113-X113



BB-1
Bars: 1to8 =16mm dia.
Stps ; 10mm dia.2L @ 115mm c/c

NOTES

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. DRAWINGS.
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	850	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 OC DISTANCE BETWEEN SUPPORTS.
9. CONC. USED IS M25
10. NET SAFE BEARING CAPACITY OF SOIL = 13.5 t/m²

CONSULTANTS:

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(Chartered Engineers, Architects, Surveyors & Land Planners)
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INDUSTRIAL AREA,
MOHALL(Pb) PH 0172-2236219

CLIENT:

CHANDIGARH HOUSING BOARD

PROJECT:

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

ONE BED ROOM FLATS (G+5)

REVISION:

STRUCTURE

G.F. ROOF SLAB BEAMS REINF DETAIL

STRUCTURAL CONSULTANT: Dr. I. C. Syal

SIGNATURE & STAMP:

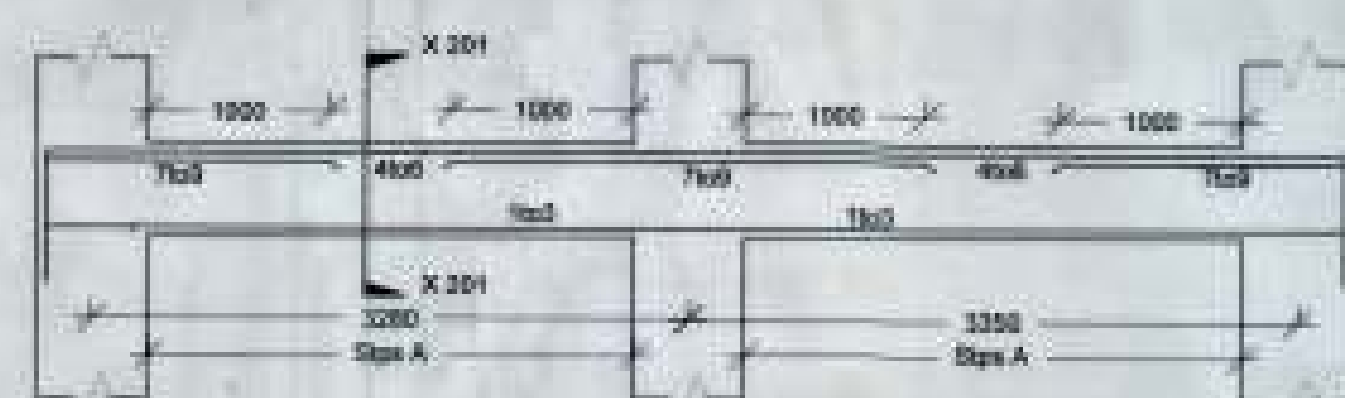
DRAWN BY: RAVI

SCALE: N.T.S.

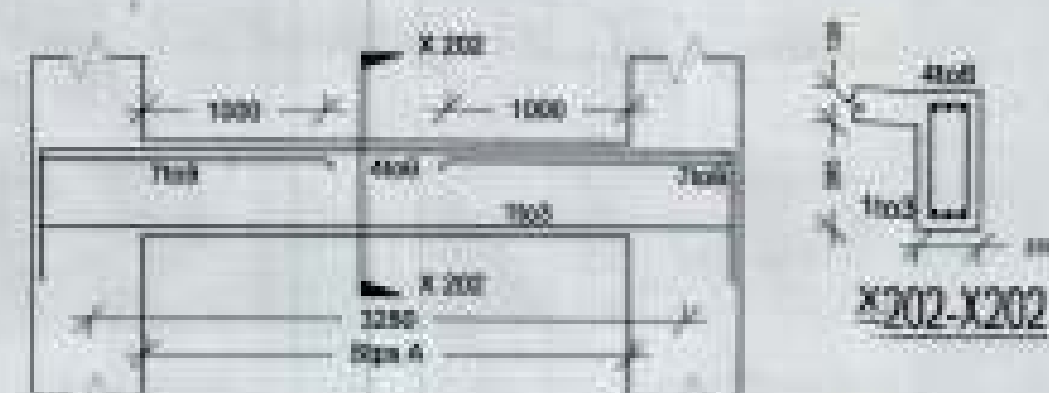
DATE: 11-07-09

DRG. NO.: S-204

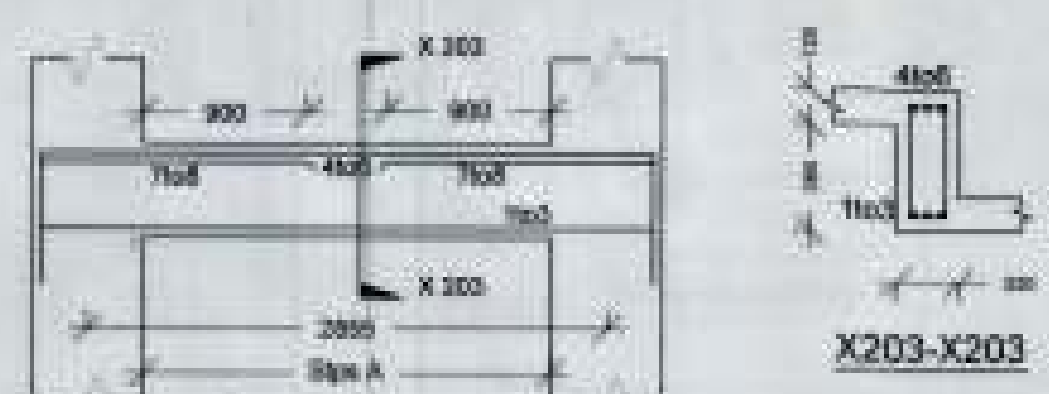
DRG. NO. 141
208 No



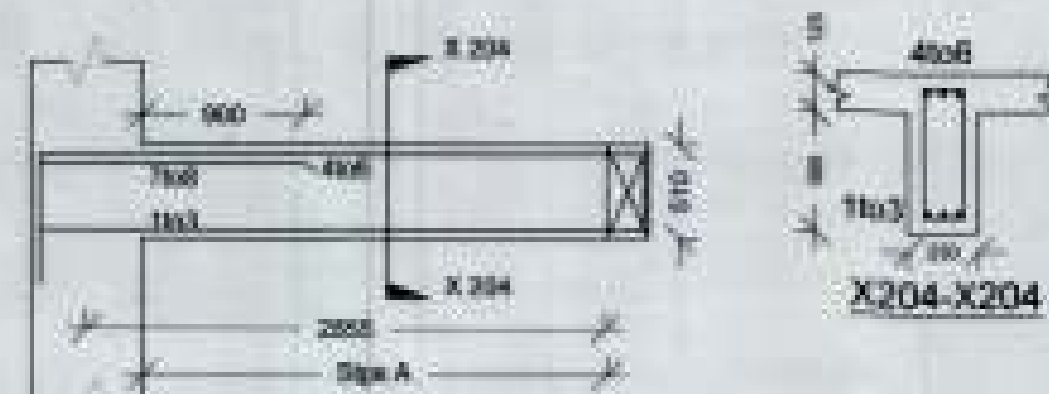
B-201
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



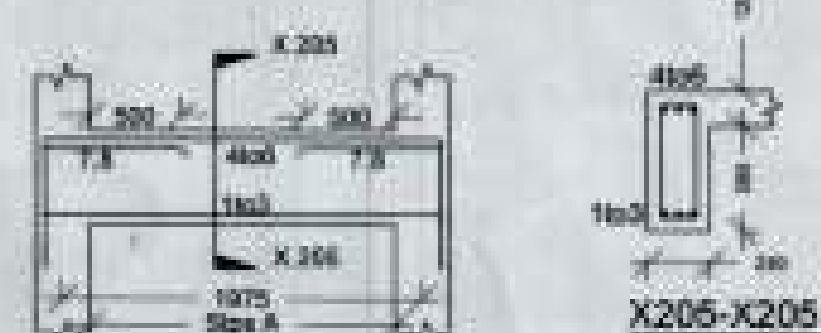
B-202
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



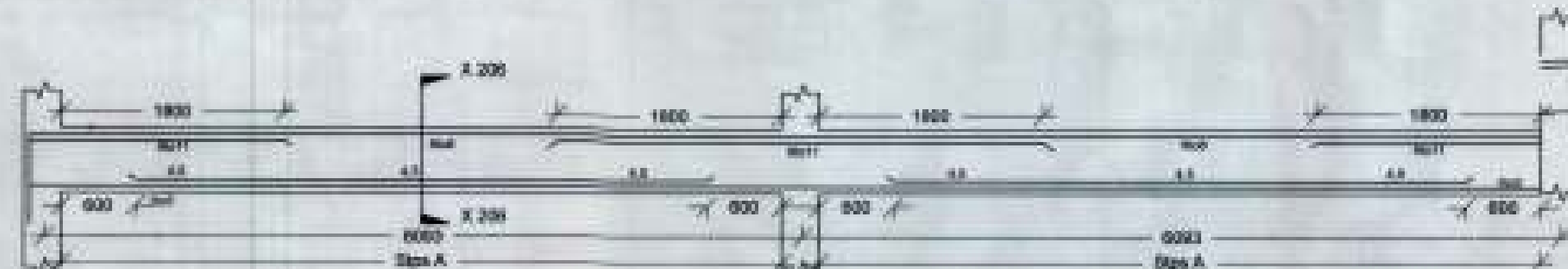
B-203
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-204
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-205
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



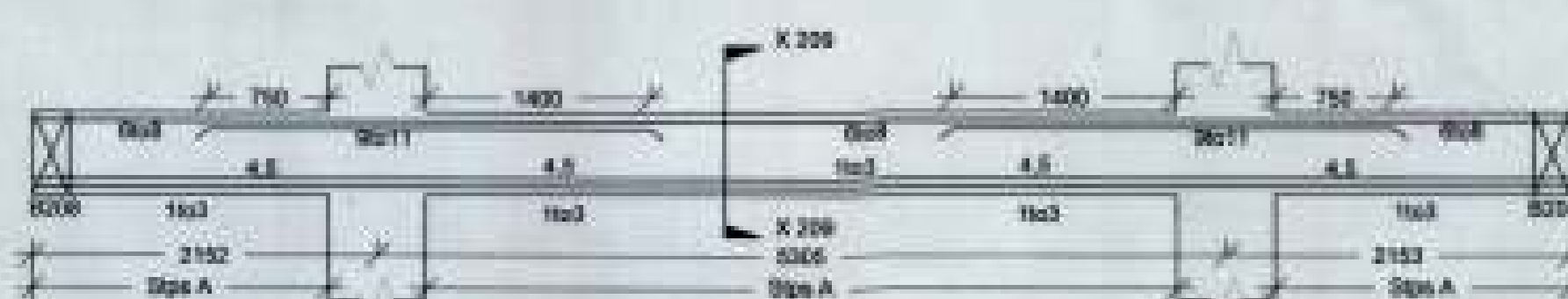
B-206
Bars: 1to11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-207
Bars: 1 to 9 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



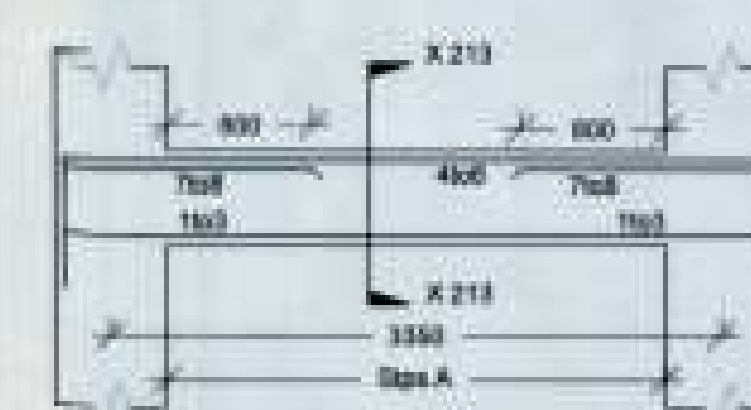
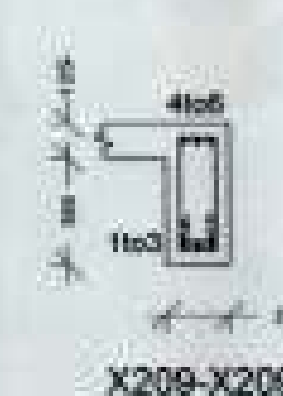
B-208
Bars: 1 to 12 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



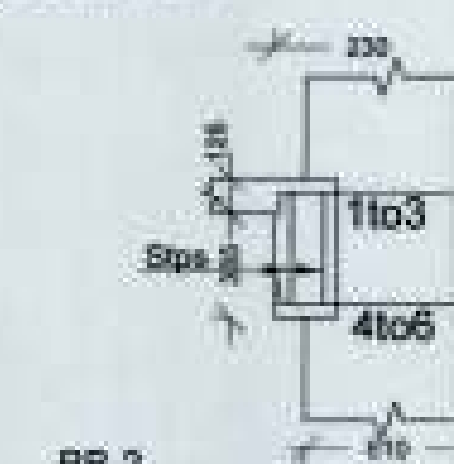
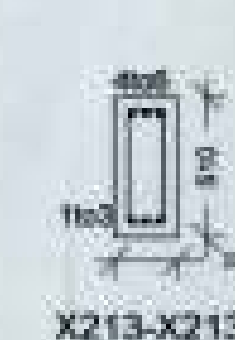
B-209
Bars: 1 to 11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



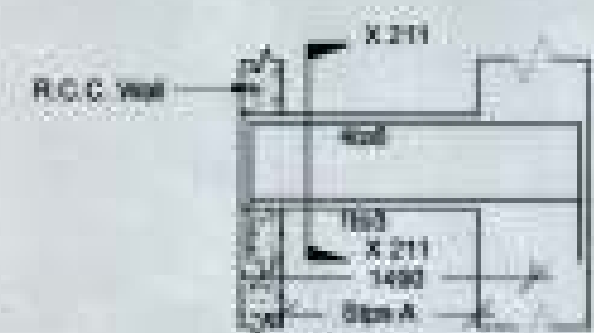
B-210
Bars: 1 to 11 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



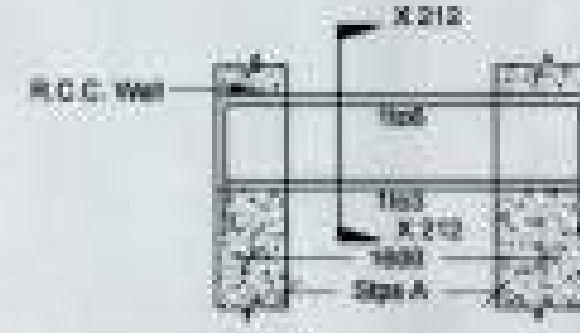
B-213
Bars: 1to8 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



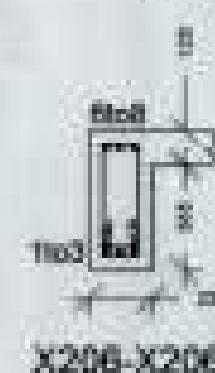
BB-2
Bars: 1to8 = 16mm dia.
Stps : 10mm dia. 2L @ 115mm c/c



B-211
Bars: 1 to 5 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



B-212
Bars: 1 to 6 = 16mm dia.
Stps A: 8mm dia. 2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



NOTES

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. DRAWINGS.
5. NOT MORE THAN 50% BARS ARE TO BE LAPPED AT ONE LOCATION.
6. LAP LENGTH / ANCHORAGE LENGTH -
FOR M25 CONCRETE & STEEL REINFORCEMENT 415

Dia of bar (mm)	Sub Beams (mm)	Columns (mm)
8	400	300
10	500	400
12	600	450
16	750	600
20	850	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 6 L 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

CONSULTANTS

SYAL & ASSOCIATES

(Chartered Engineers, Architects, Surveyors & Land Planners)

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

CLIENT

CHANDIGARH
HOUSING
BOARD

PROJECT

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

ONE BED ROOM FLATS (G+5) + (S+5)

REVISION

STRUCTURE

FIRST FLOOR ROOF SLAB BEAMS REINF DETAIL
(TYPICAL)

STRUCTURAL CONSULTANT: Dr. I.C. Syal

SIGNATURE & STAMP:

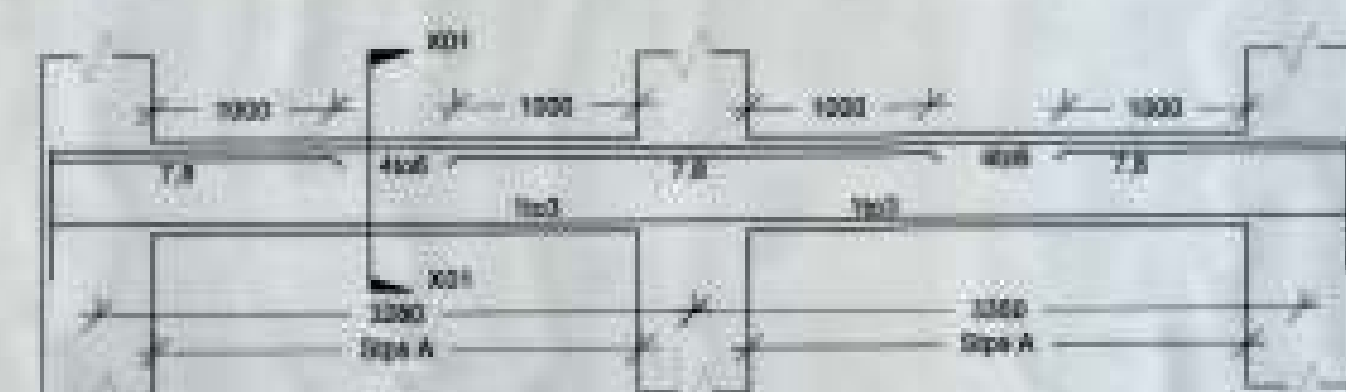
DRAWN BY: RAVI

SCALE: N.T.S.

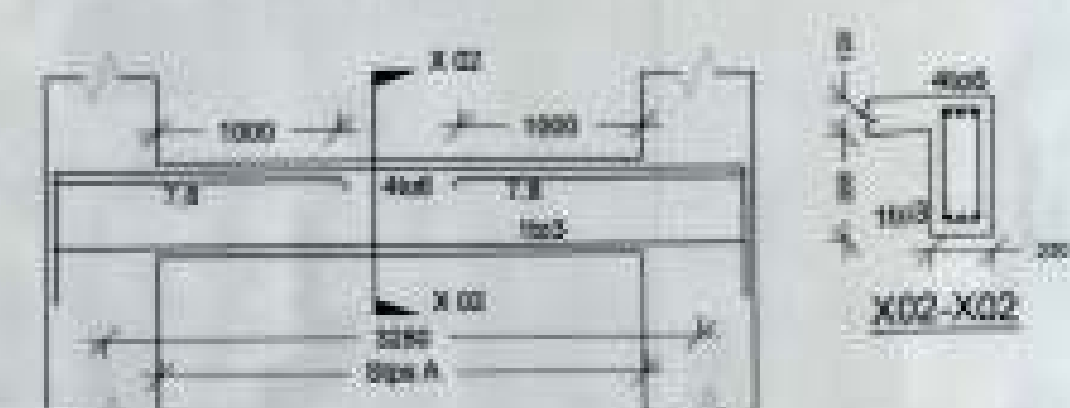
DATE: 11-07-09

DRG. NO.: S-206

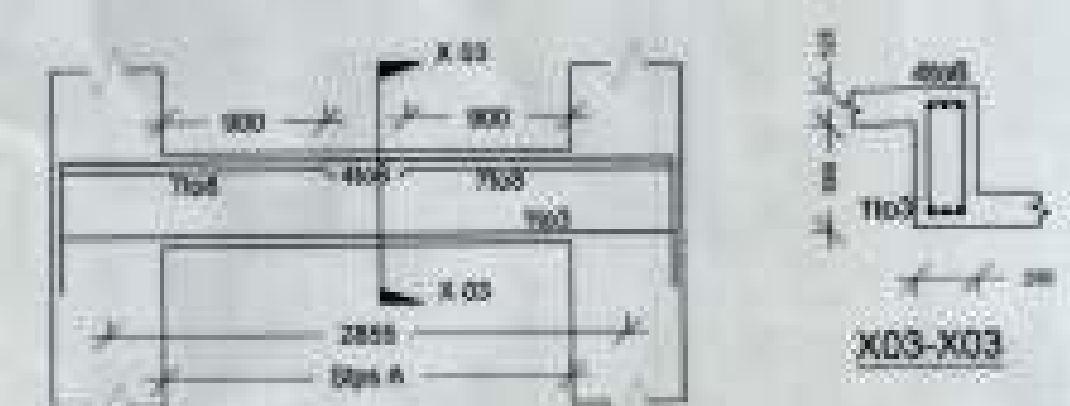
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30.6.11.04



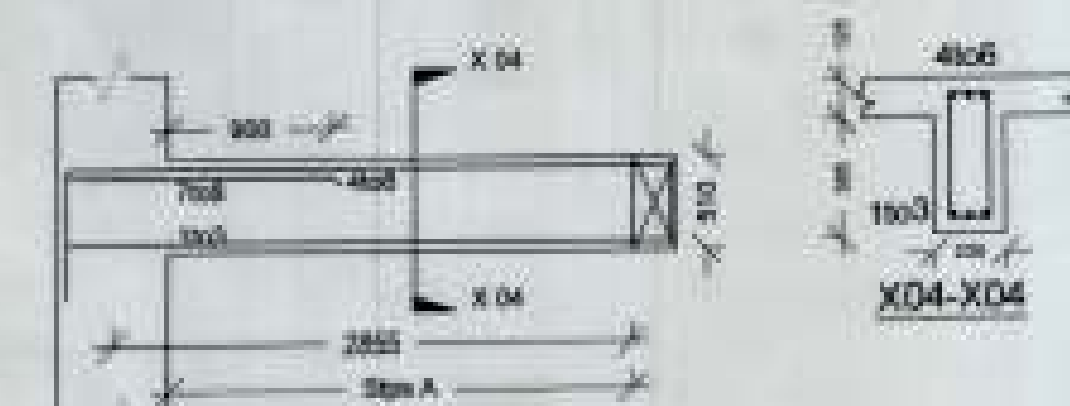
RB-1
Bars: 1to6 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



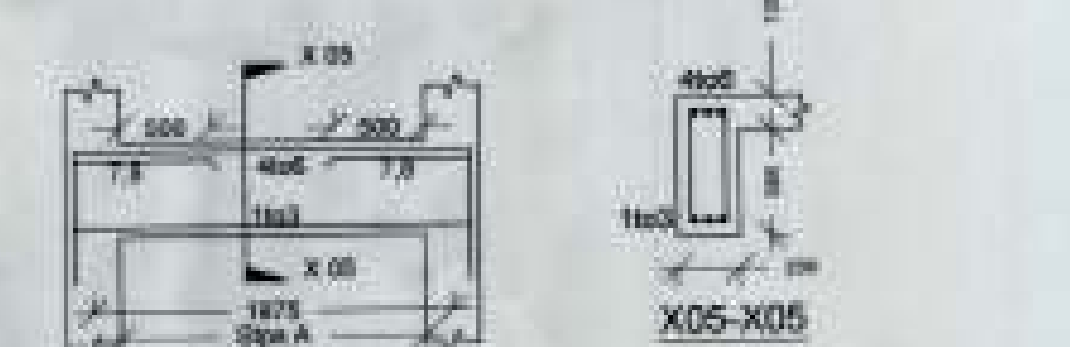
RB-2
Bars: 1to6 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



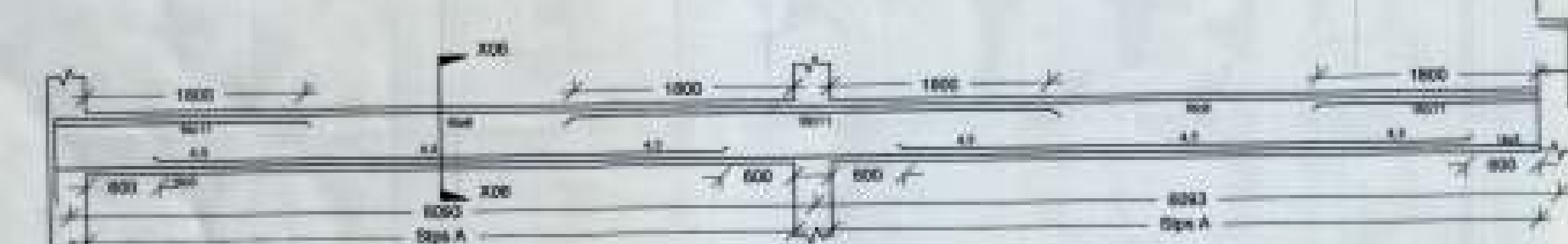
RB-3
Bars: 1to6 =16mm dia.
7.8 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



RB-4
Bars: 1to6 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



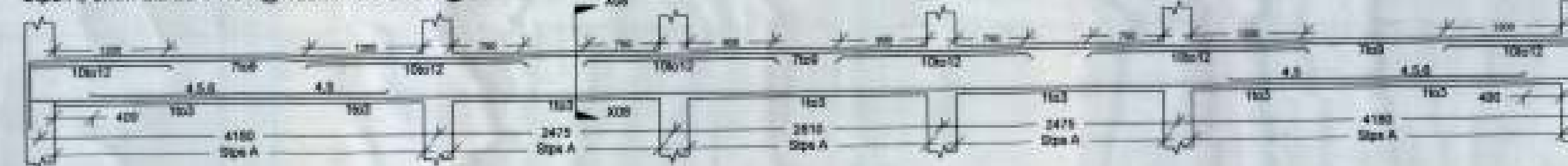
RB-5
Bars: 1to6 =16mm dia.
7.8 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



RB-6
Bars: 1to3, 6 to 8 =16mm dia.
4.5, 9 to 11 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



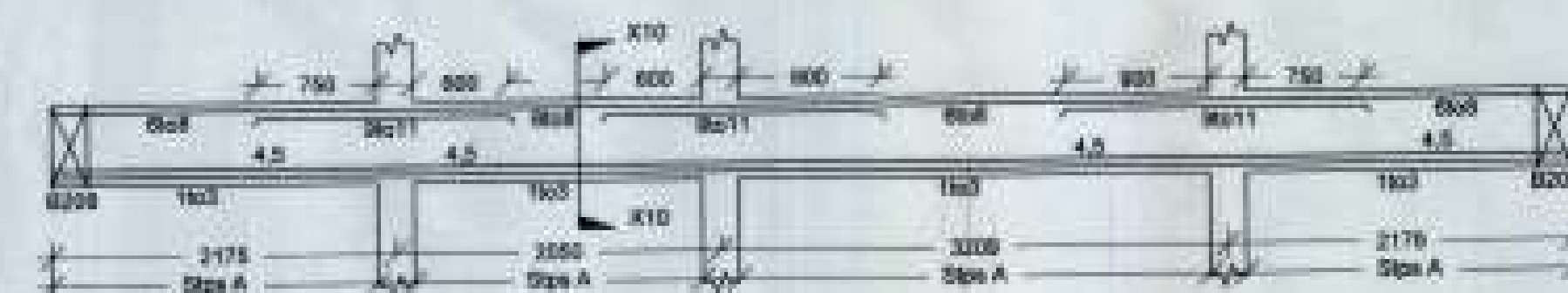
RB-7
Bars: 1 to 6 =16mm dia.
7 to 9 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



RB-8
Bars: 1 to 3, 10 to 12 =16mm dia.
4 to 9 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



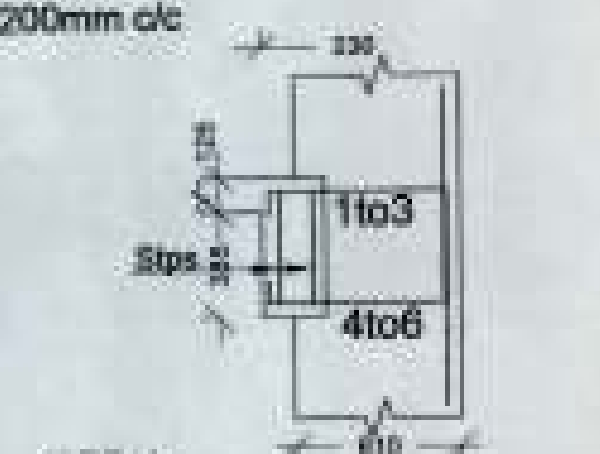
RB-9
Bars: 1 to 11 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



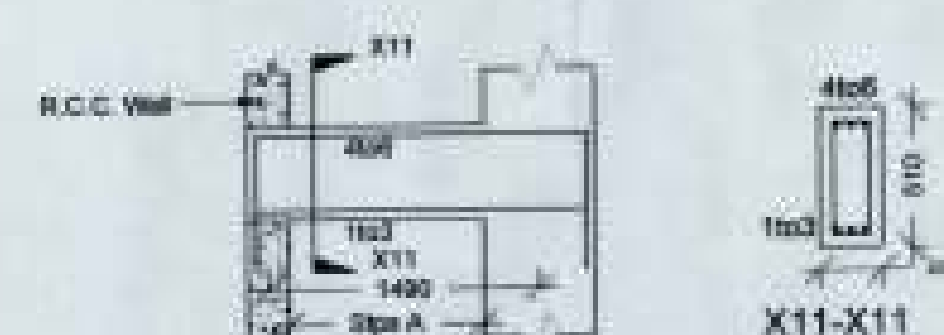
RB-10
Bars: 1 to 11 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



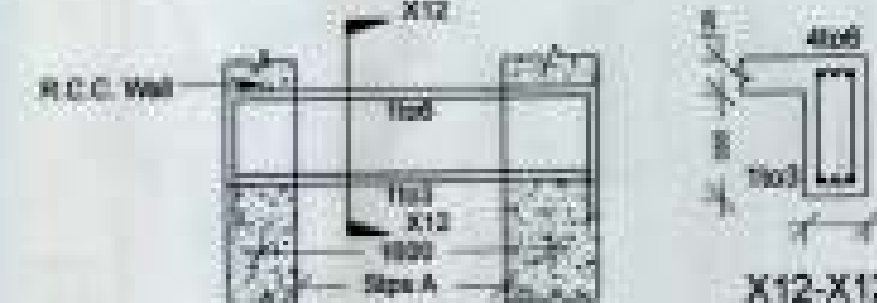
RB-13
Bars: 1to6 =16mm dia.
7.8 = 12mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



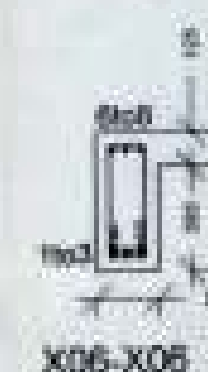
RB8-1
Bars: 1to6 =16mm dia.
Stps: 10mm dia.2L @ 115mm c/c



RB-11
Bars: 1 to 6 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



RB-12
Bars: 1 to 6 =16mm dia.
Stps A: 8mm dia.2L 9 Nos. @ 100mm c/c & rest @ 200mm c/c



RB-12

NOTES

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 - Ø INDICATES THE DIA OF HYSD BARS OF GRADE Fe415 REFER TO IS: 1786, 1876.
 - FOR CENTER LINE DIMENSIONS REFER ARCH. DRAWINGS.
 - 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.
 - CONC. USED IS M25
 - NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/M²

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CLIENT

CHANDIGARH
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BOARD

PROJECT

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

ONE BED ROOM FLATS (G+5) + (S+5)

REVISION

STRUCTURE

TERRACE SLAB BEAMS REINF DETAIL

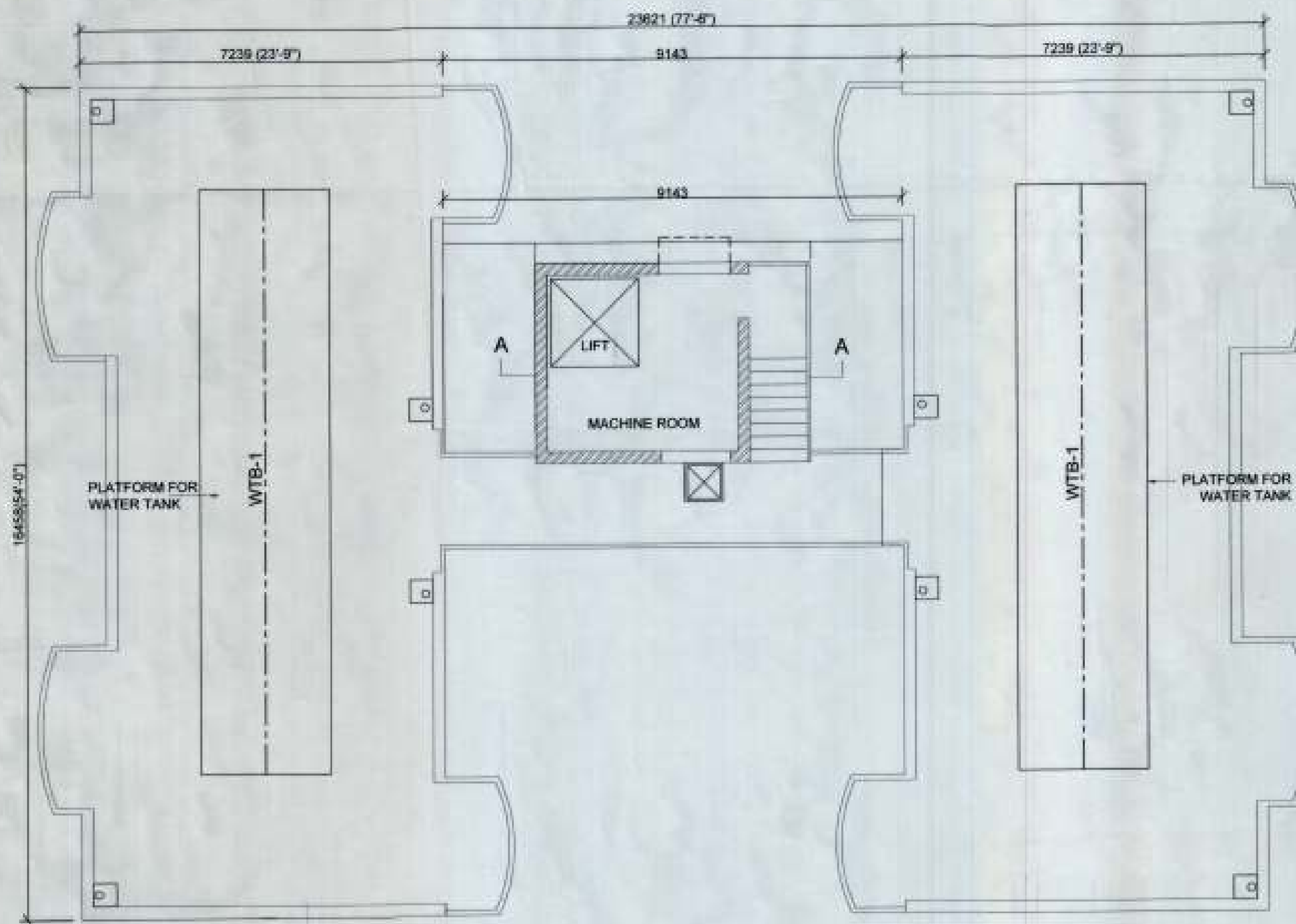
STRUCTURAL CONSULTANT: Dr. I. C. Syal

SIGNATURE & STAMP:

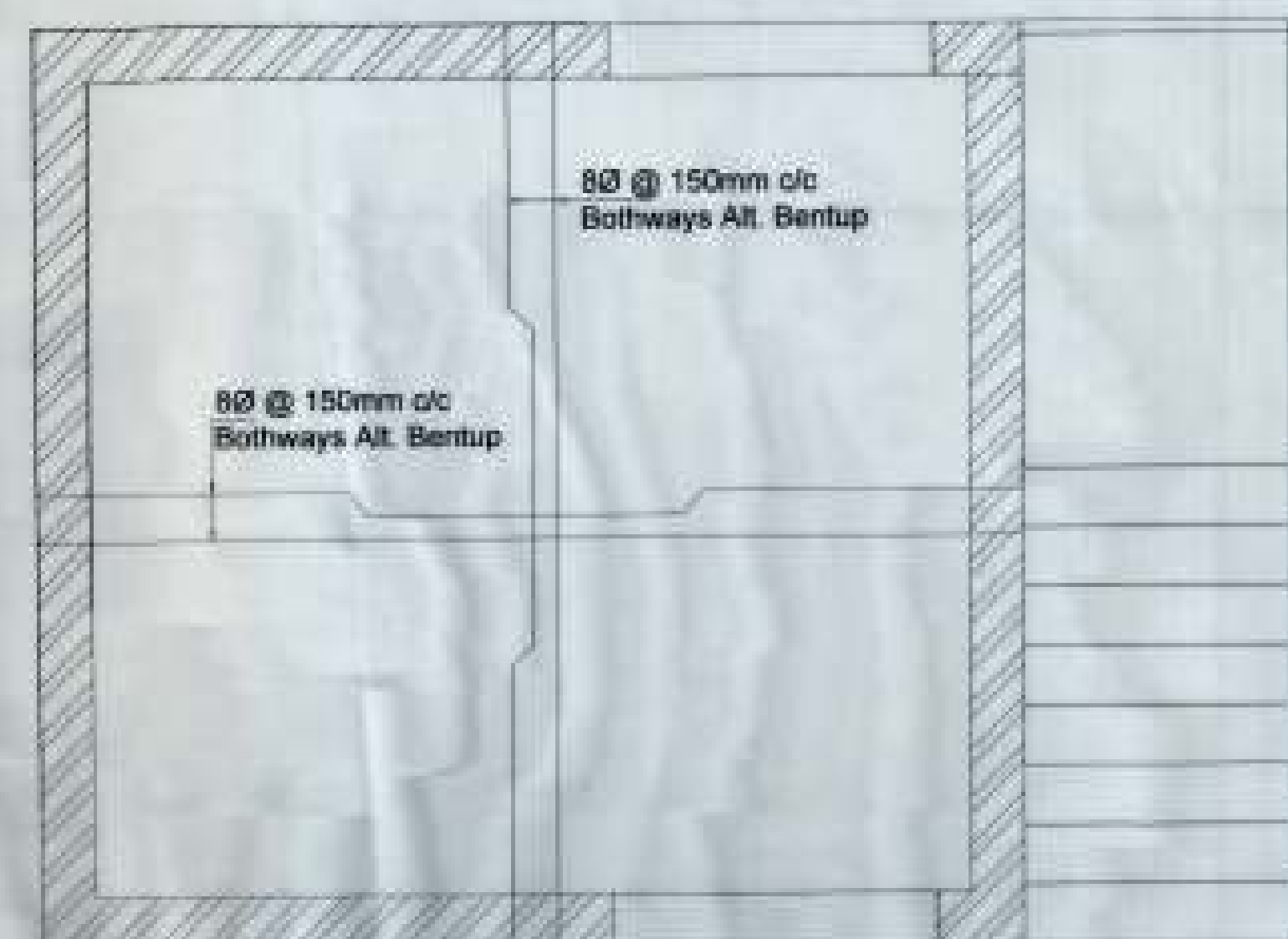
DRAWN BY:	RAVI
SCALE:	N.T.S.
DATE:	11-07-09
DWG. NO.:	S-209

DWG. No. 11

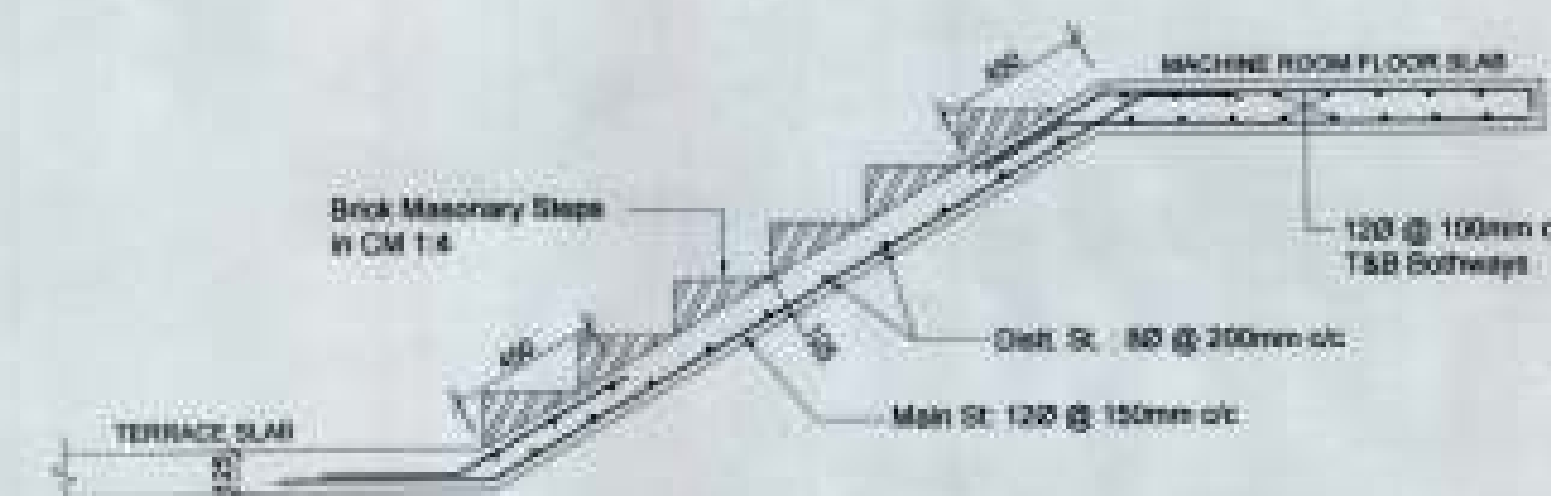
708 No. 141



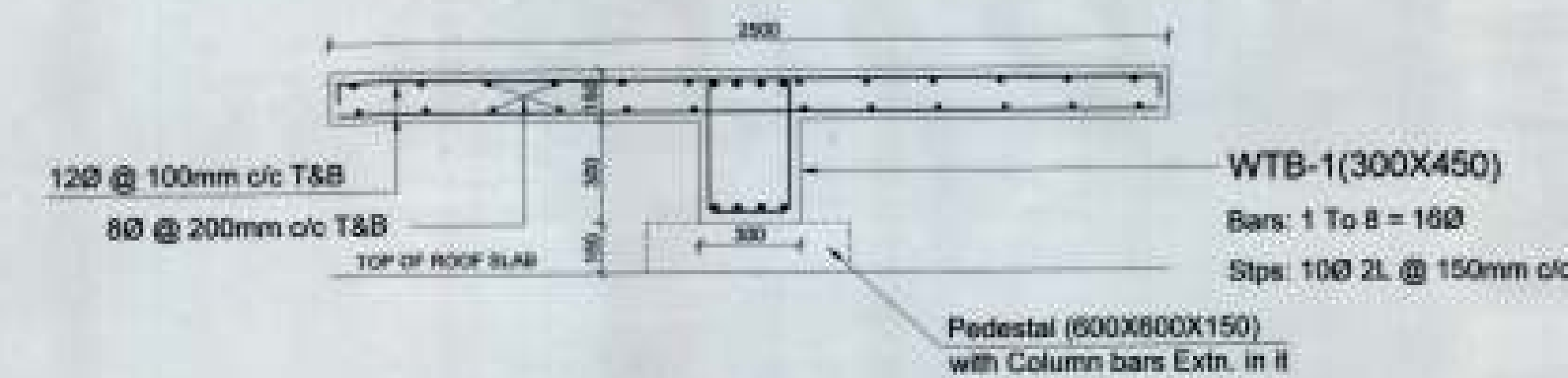
PLAN SHOWING WATER TANK/MACHINE ROOM



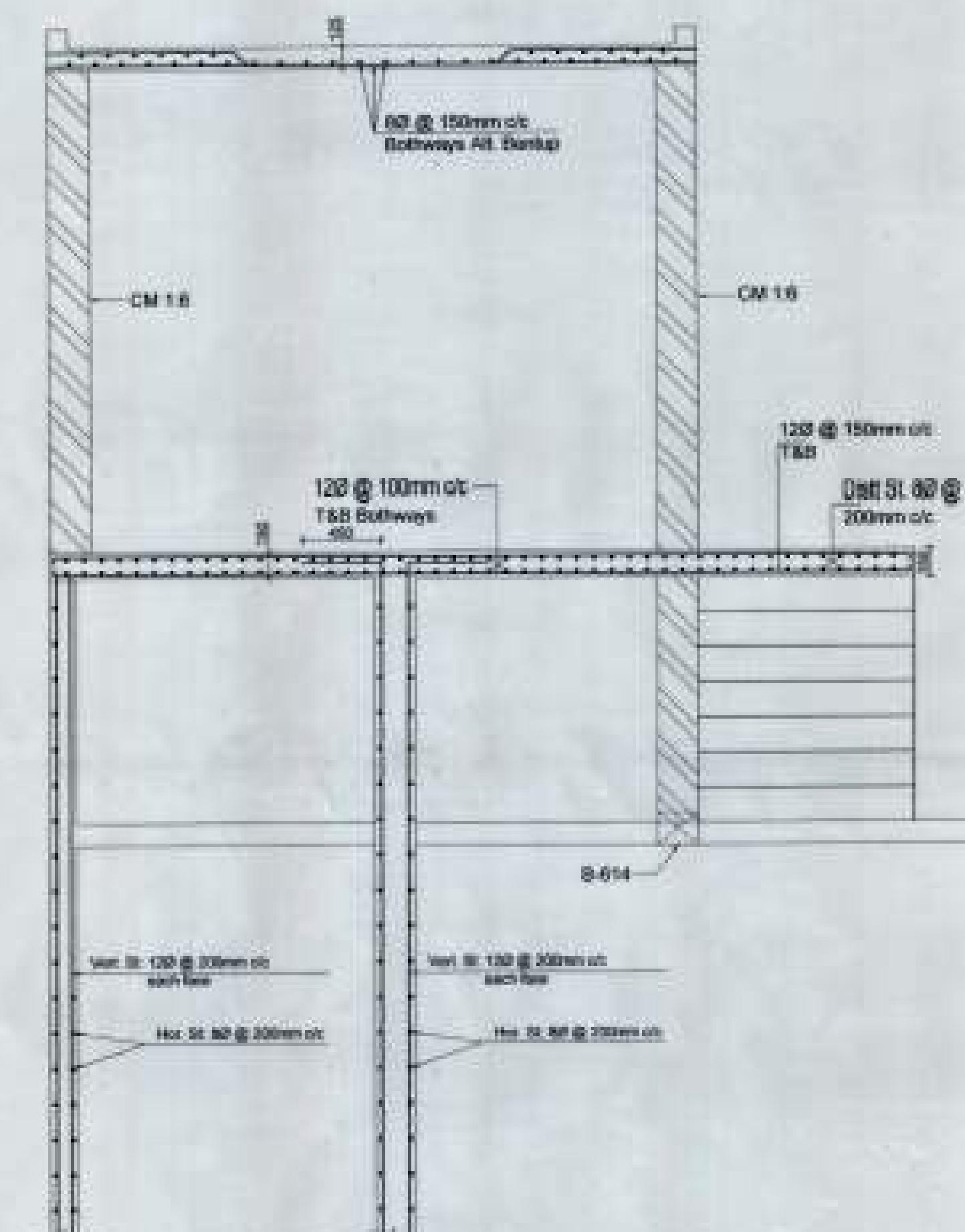
MACHINE ROOM SLAB REINF. DETAIL



STAIR FROM TERRACE SLAB TO MACHINE ROOM FLOOR SLAB



PLATFORM FOR WATER TANKS



SECTION AT A-A

NOTES

1. DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF
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3. Ø INDICATES THE DIA OF HYSD BARS OF GRADE F415. REFER TO IS: 1786, 1979
4. FOR CENTER LINE DIMENSIONS REFER ARCH. DRAWINGS
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9. CONC. USED IS M20
10. NET SAFE BEARING CAPACITY OF SOIL = 13.5 T/m²

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MOHALI (Pb) PH 0172-2236219

CLIENT

CHANDIGARH HOUSING BOARD

PROJECT

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

ONE BED ROOM FLATS (G+5) + (S+5)

REVISION

NO.	DESCRIPTION	DATE

STRUCTURE

PLATFORM FOR WATER TANK,
STAIRCASE FROM TERRACE SLAB TO MACHINE ROOM SLAB. SECTION AT A-A

STRUCTURAL CONSULTANT: Dr. I. C. Syal

SIGNATURE & STAMP

DRAWN BY:	RAVI
SCALE:	N.T.S.
DATE:	11-07-08
DRG. NO.:	S-209

DRG. NO. 12
7th NO. 44