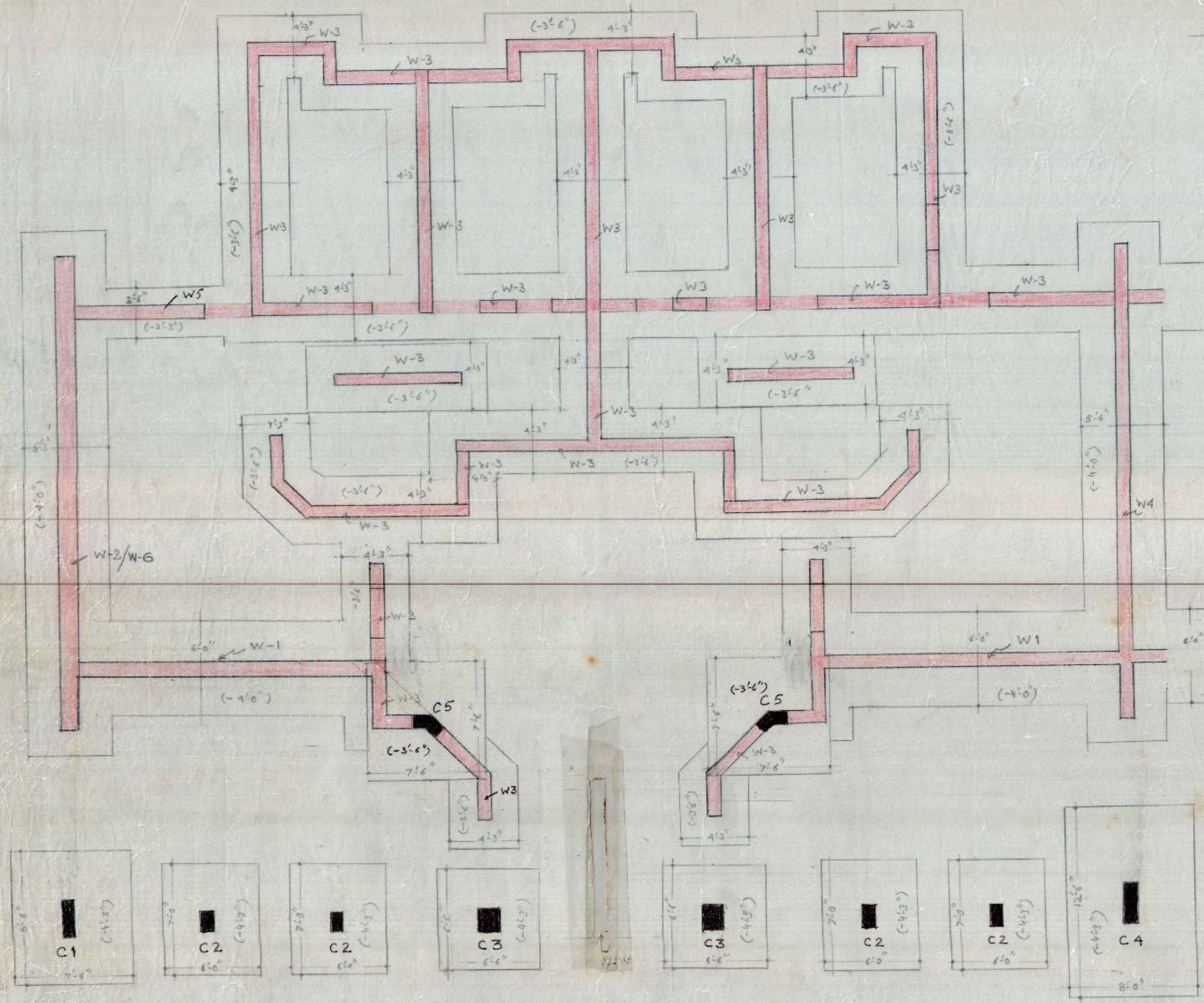
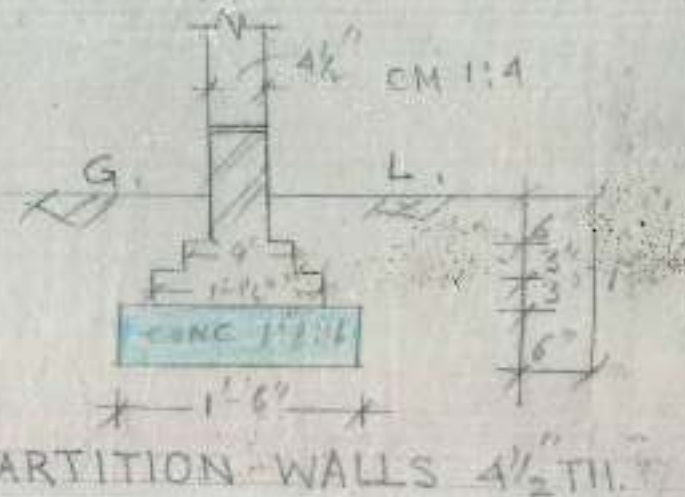
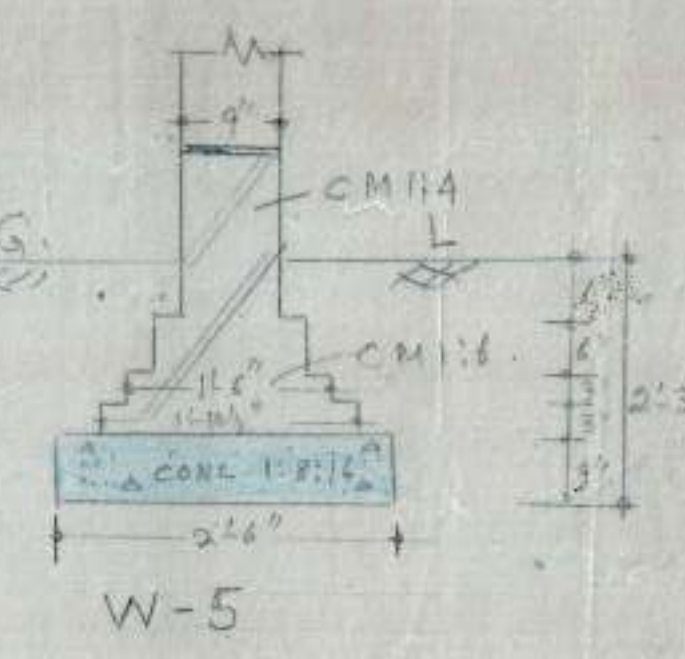
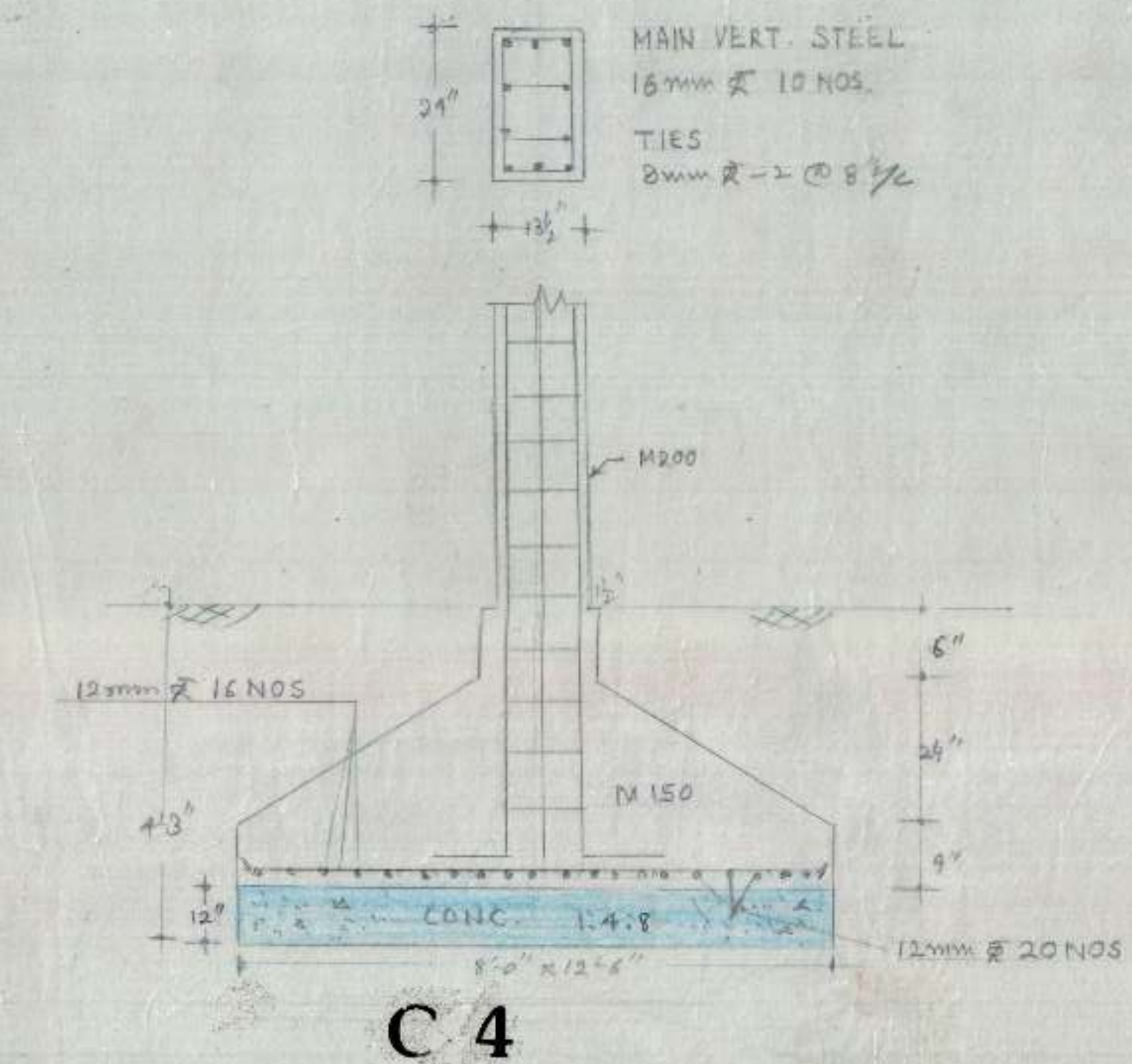
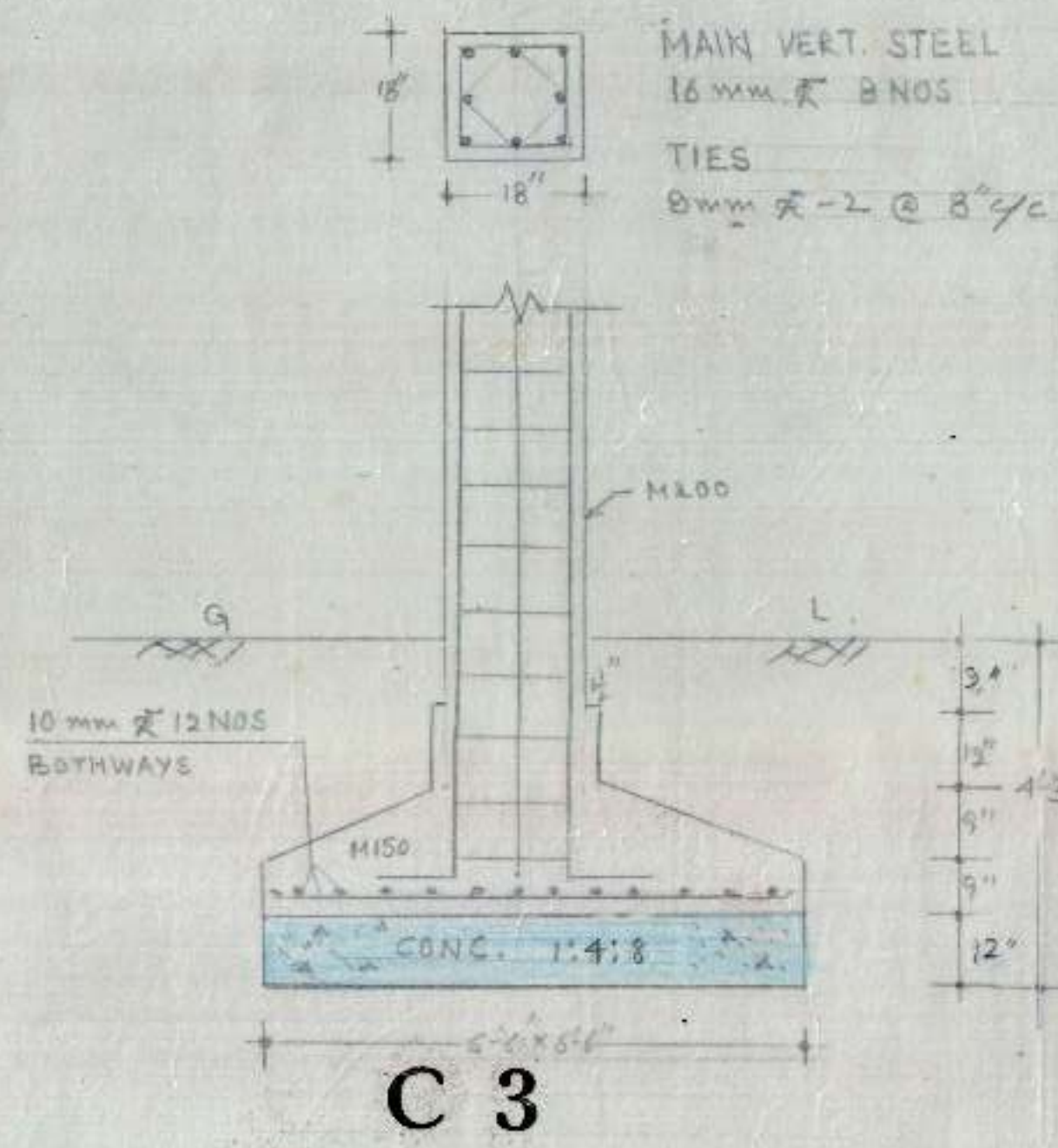
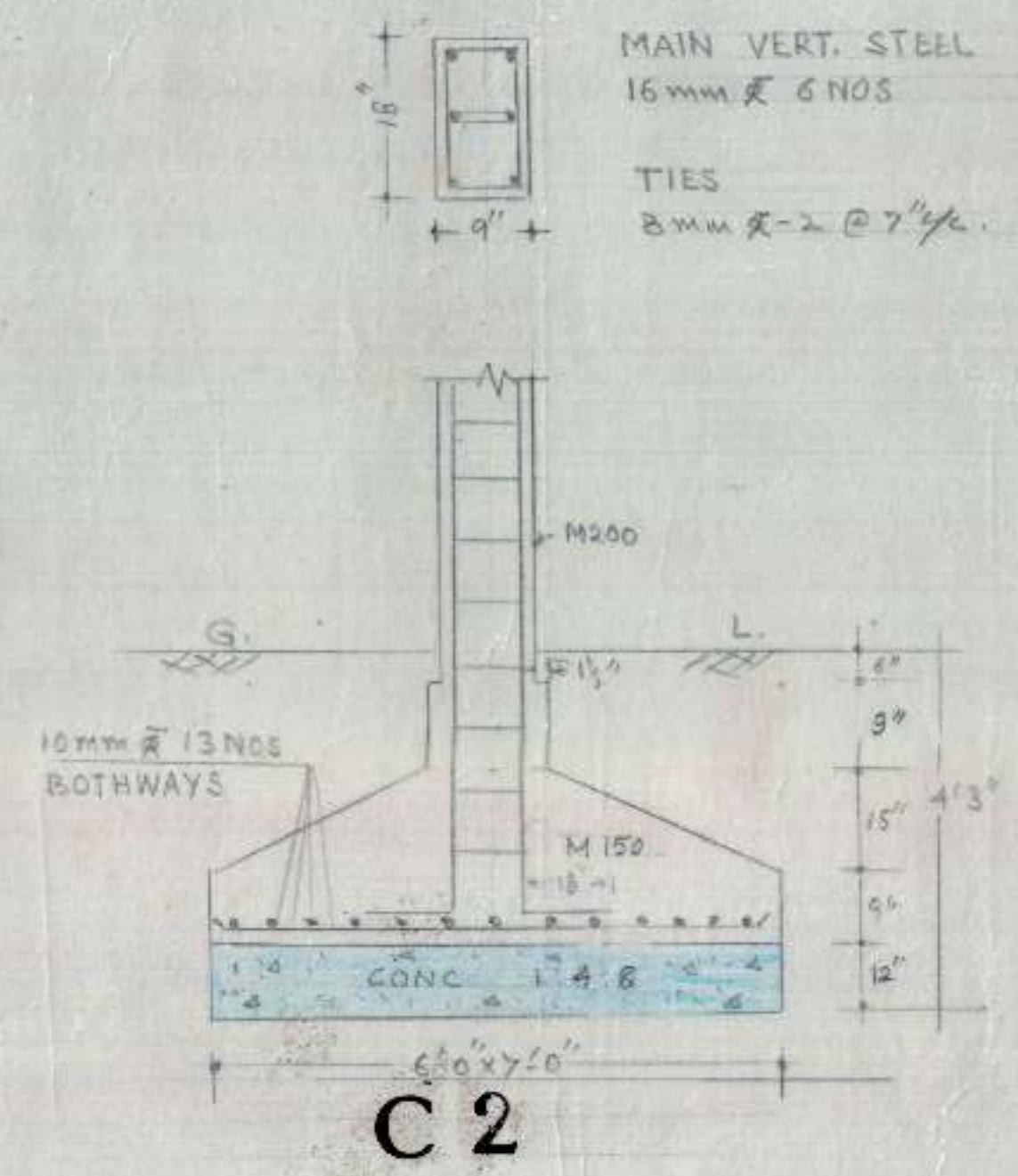
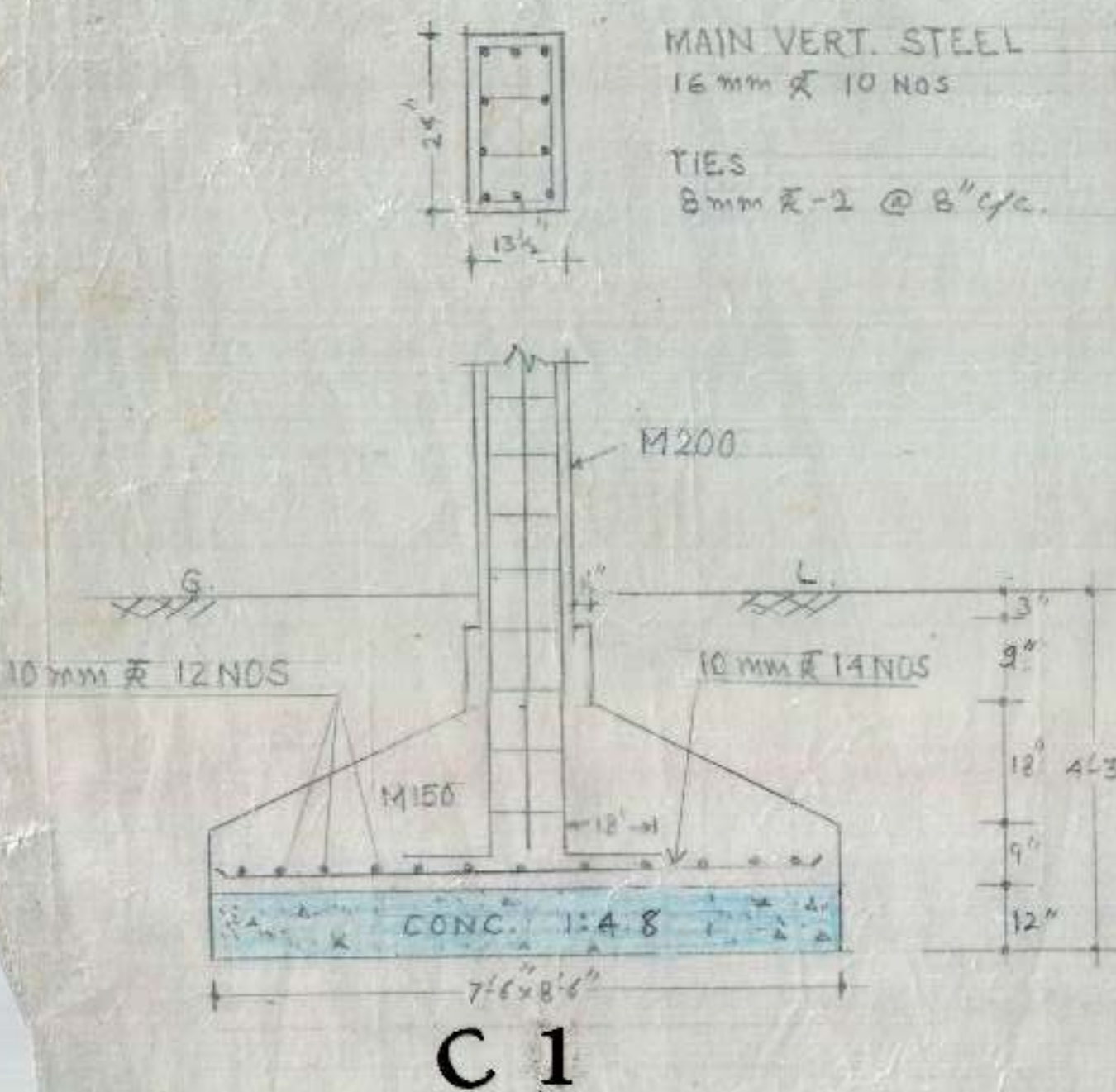
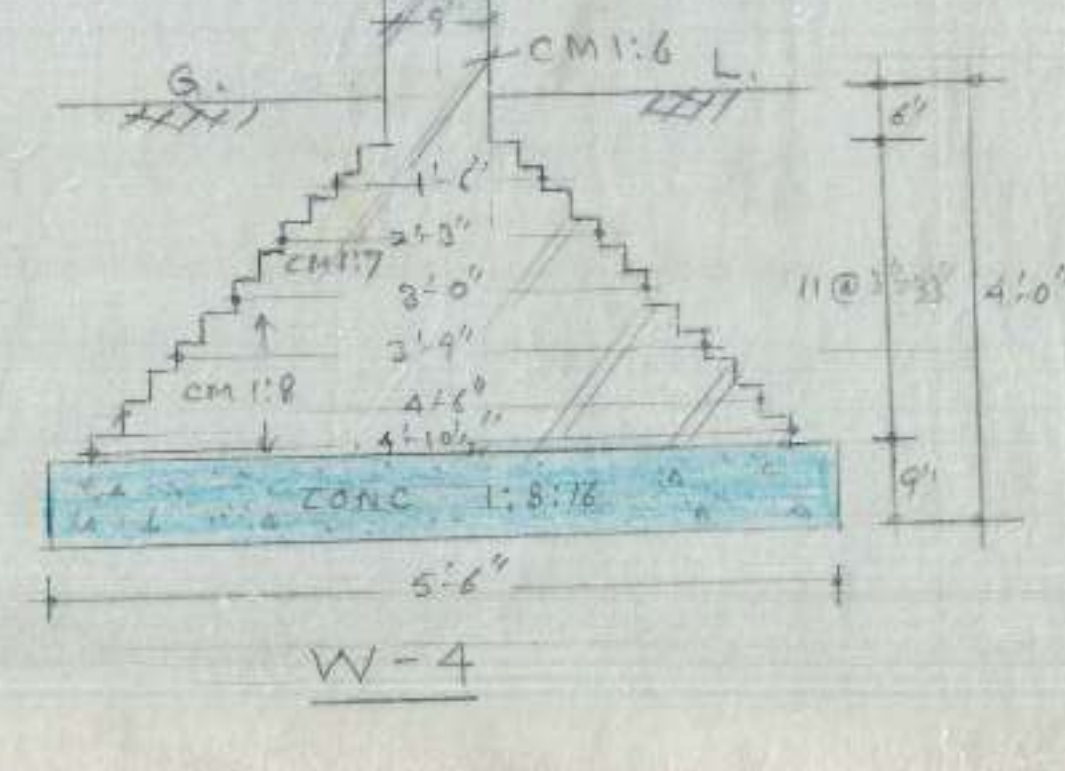
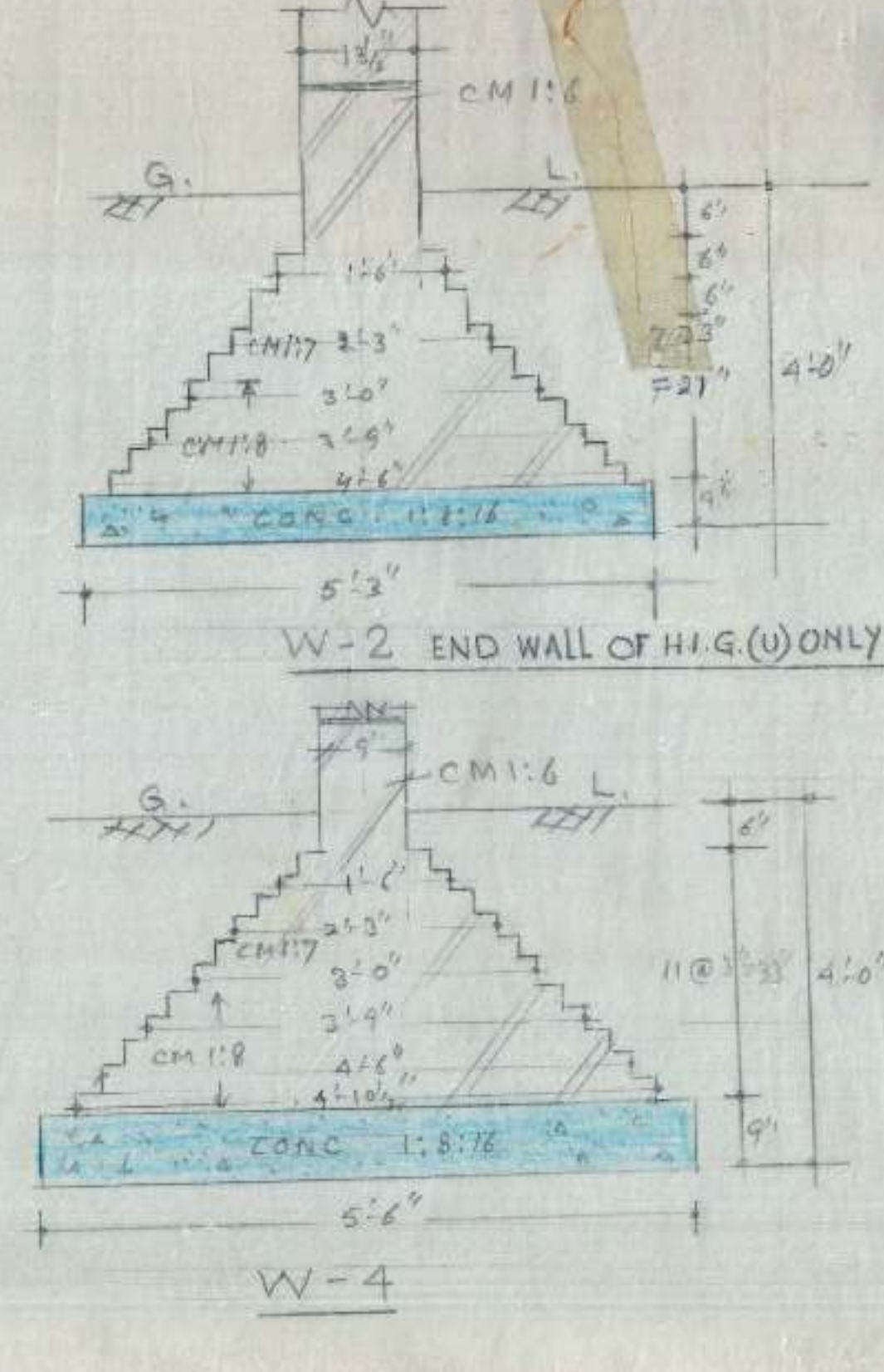
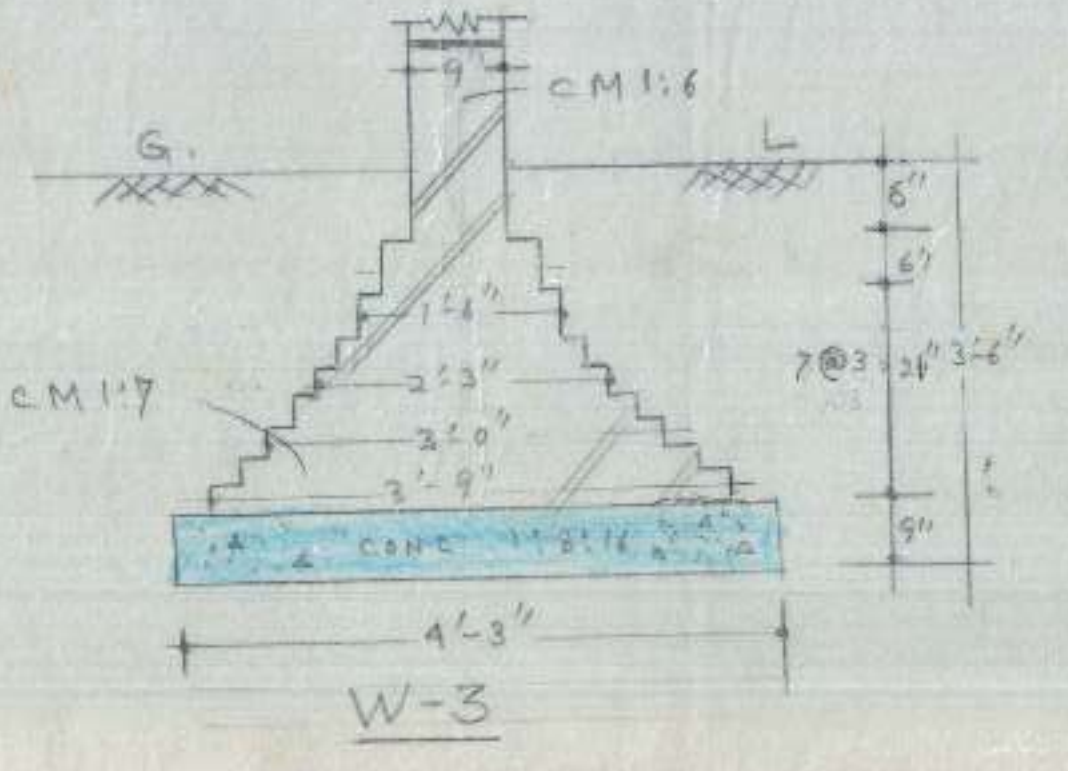
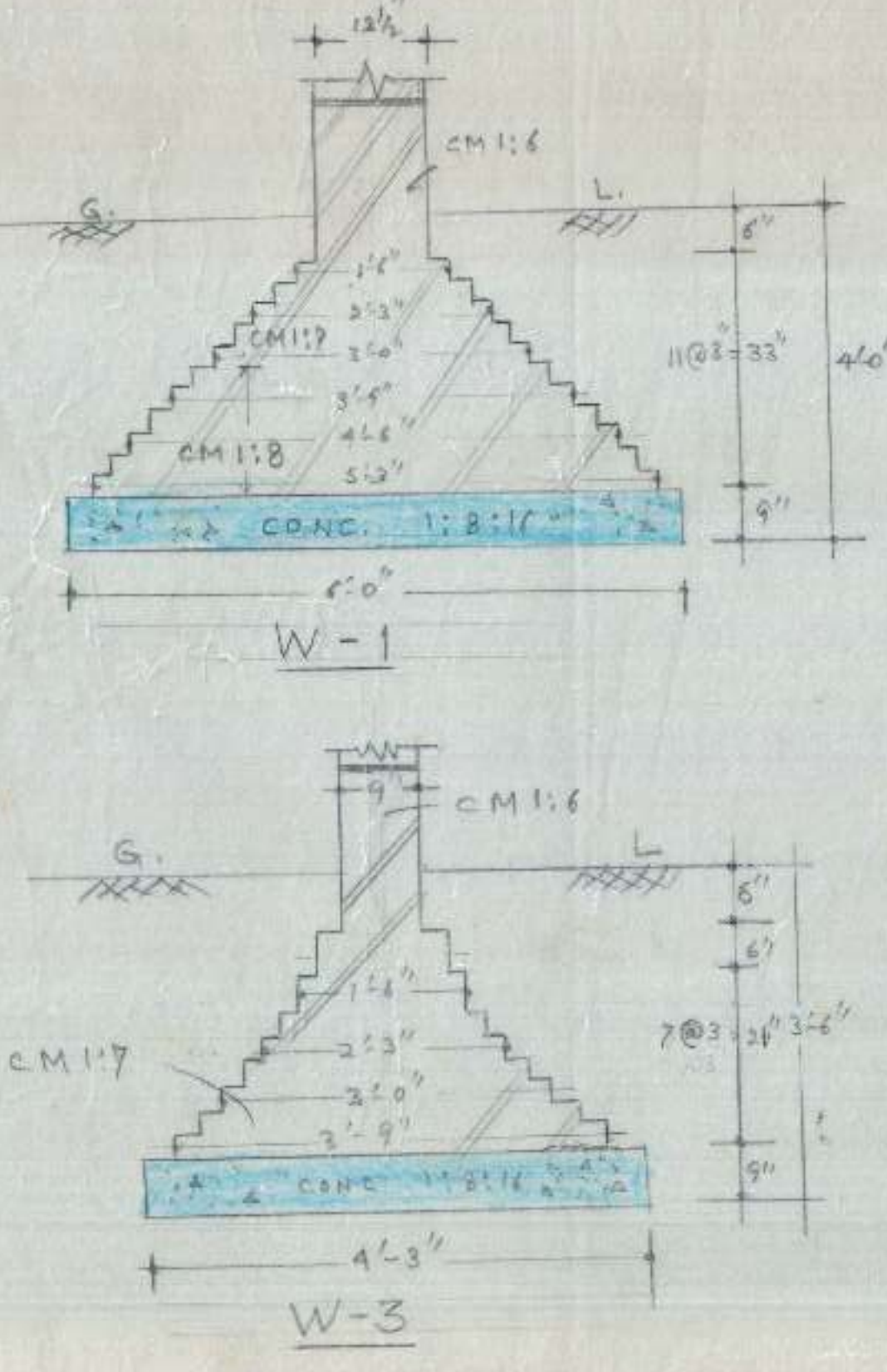
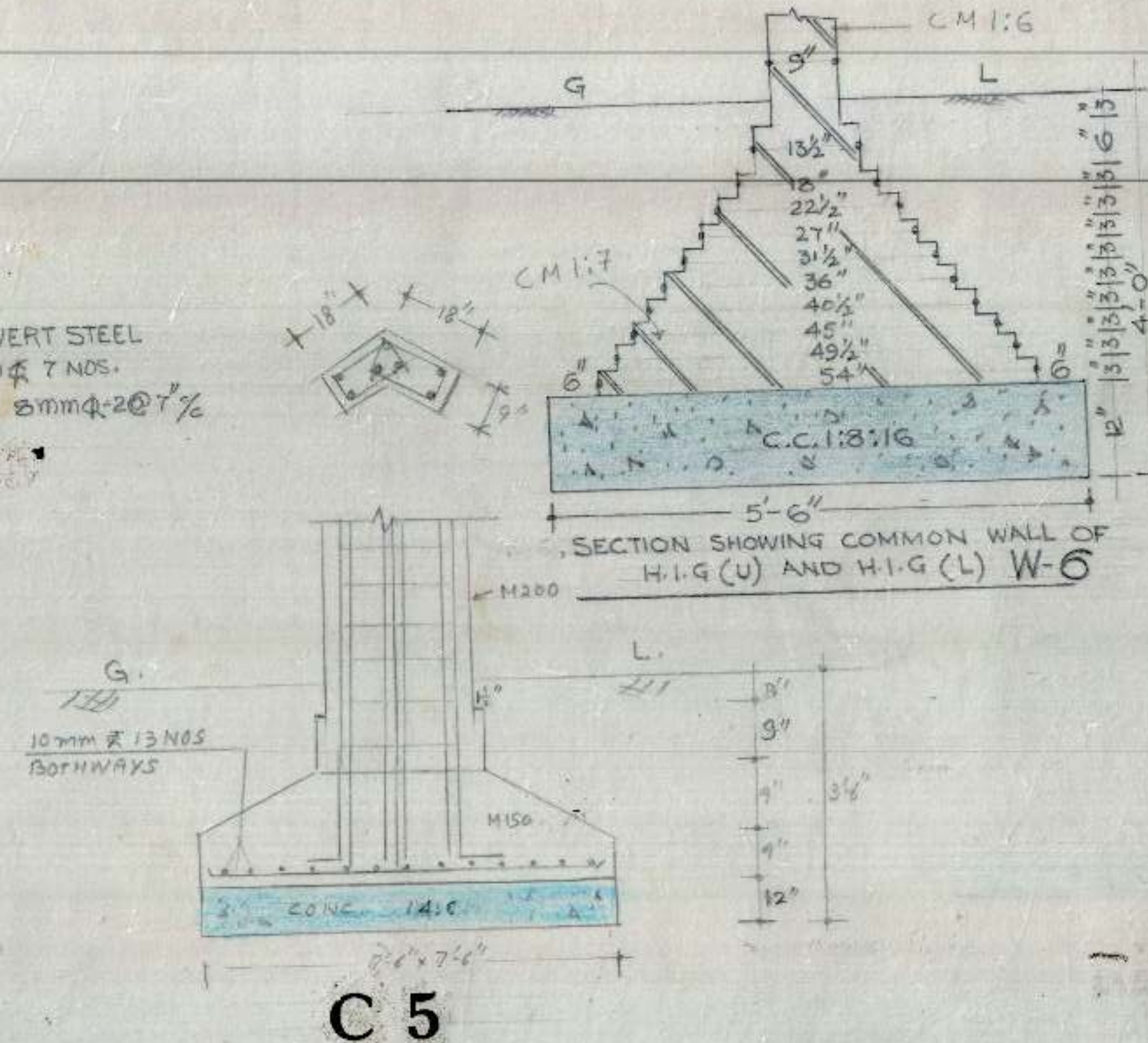




FOUNDATION PLAN



MAIN VERT STEEL
16mm dia 7 NOS.
TIES. 8mm dia 2 @ 7 1/2"



NOTES

1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED OFF.
 2. FOR ϕ DIMENSIONS, REFER ARCHITECTURAL DRAWINGS.
 3. ϕ INDICATES DIA. OF RIBBED TORSTEEL CONFORMING TO IS:1786-1979 (Fe415).
 4. USE M200 CONCRETE IN COLUMNS.
 5. USE M150 CONCRETE IN FOUNDATION SLABS.
 6. USE LEAN CONC. MIX 1:8:16 / 1:4:8
 7. S.B.C. OF SOIL HAS BEEN TAKEN AS 0.9 T/FT.
 8. PROVIDE LAP LENGTHS
- | | TENSION | COMP. |
|---------------------|---------|-------|
| (i) FOR M200 CONC. | 48.8 | 38.8 |
| (ii) FOR M150 CONC. | 58.8 | 45.8 |
9. PROVIDE 2" CLEAR COVER BELOW MAIN STEEL IN FOUND. SLAB.
 10. COMMON WALL H.I.G. (U) & H.I.G. (L) HAS BEEN AMENDED AS PER THE LETTER NO. BCS/108 DATED 16.10.85 BY M/S B.R. CONSU-LTANTS

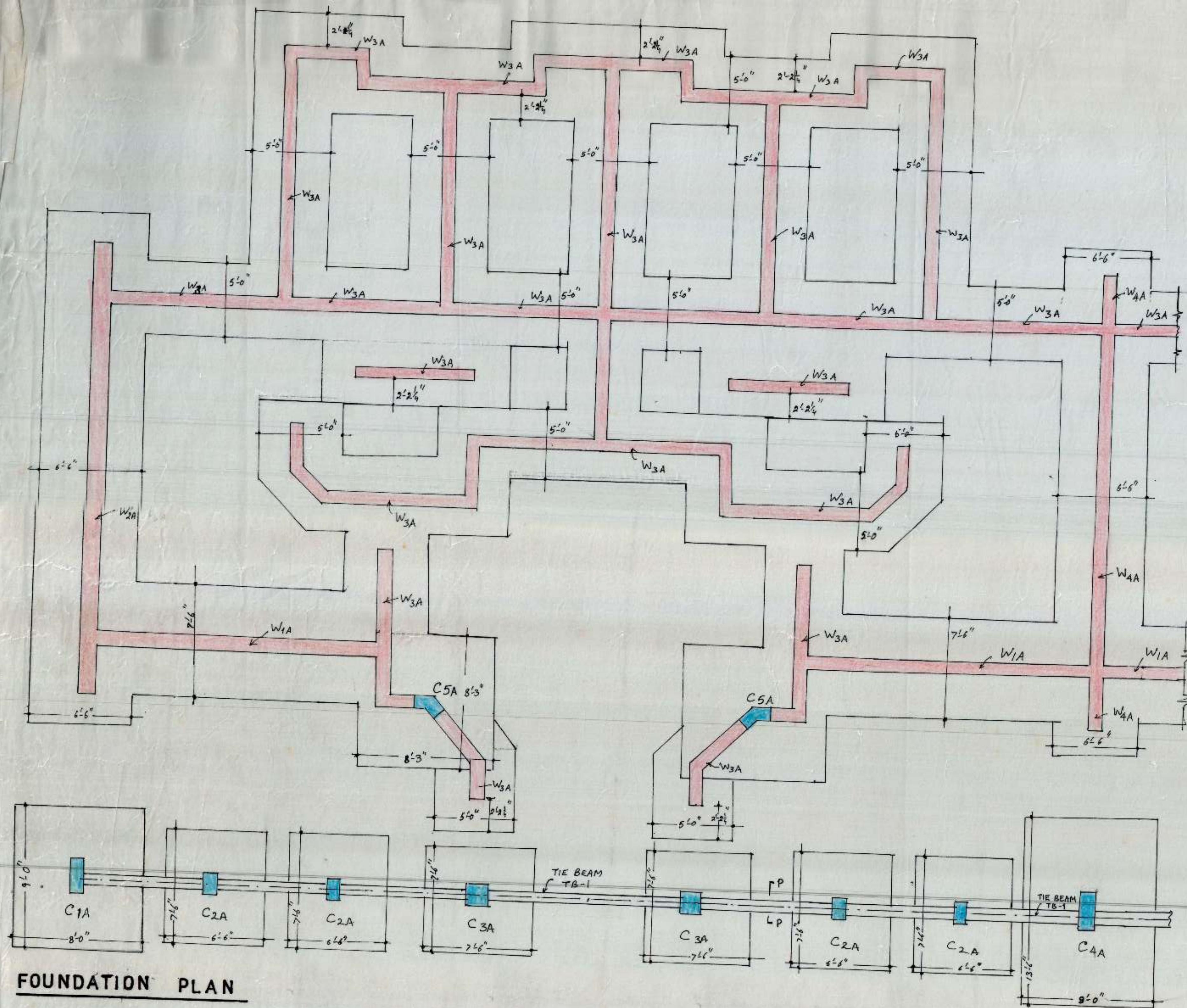
BR CONSULTANTS
53, SECTOR 56,
SAS. NAGAR

ENGINEER *S.S.*
S. SYAL, B.E. CIVIL (PONS) 8/9/88

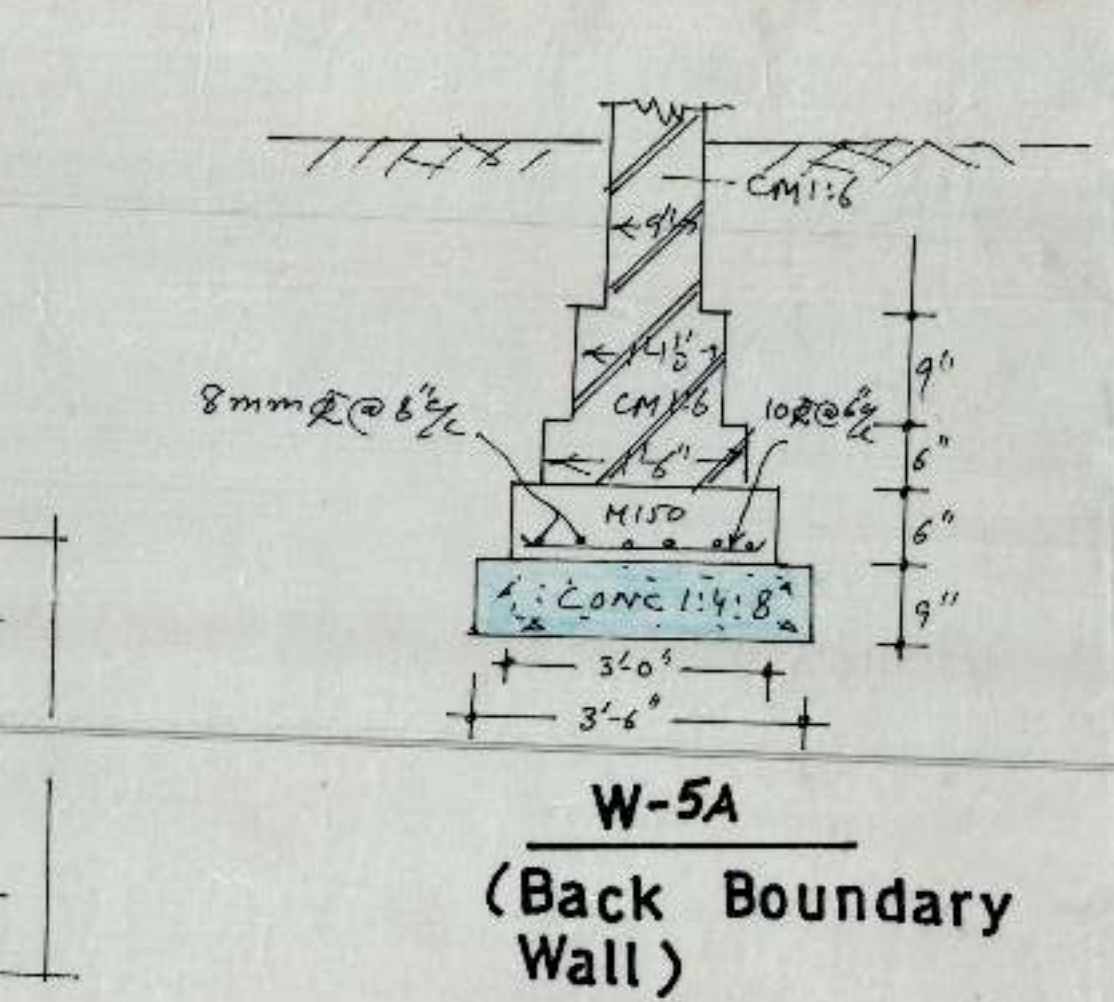
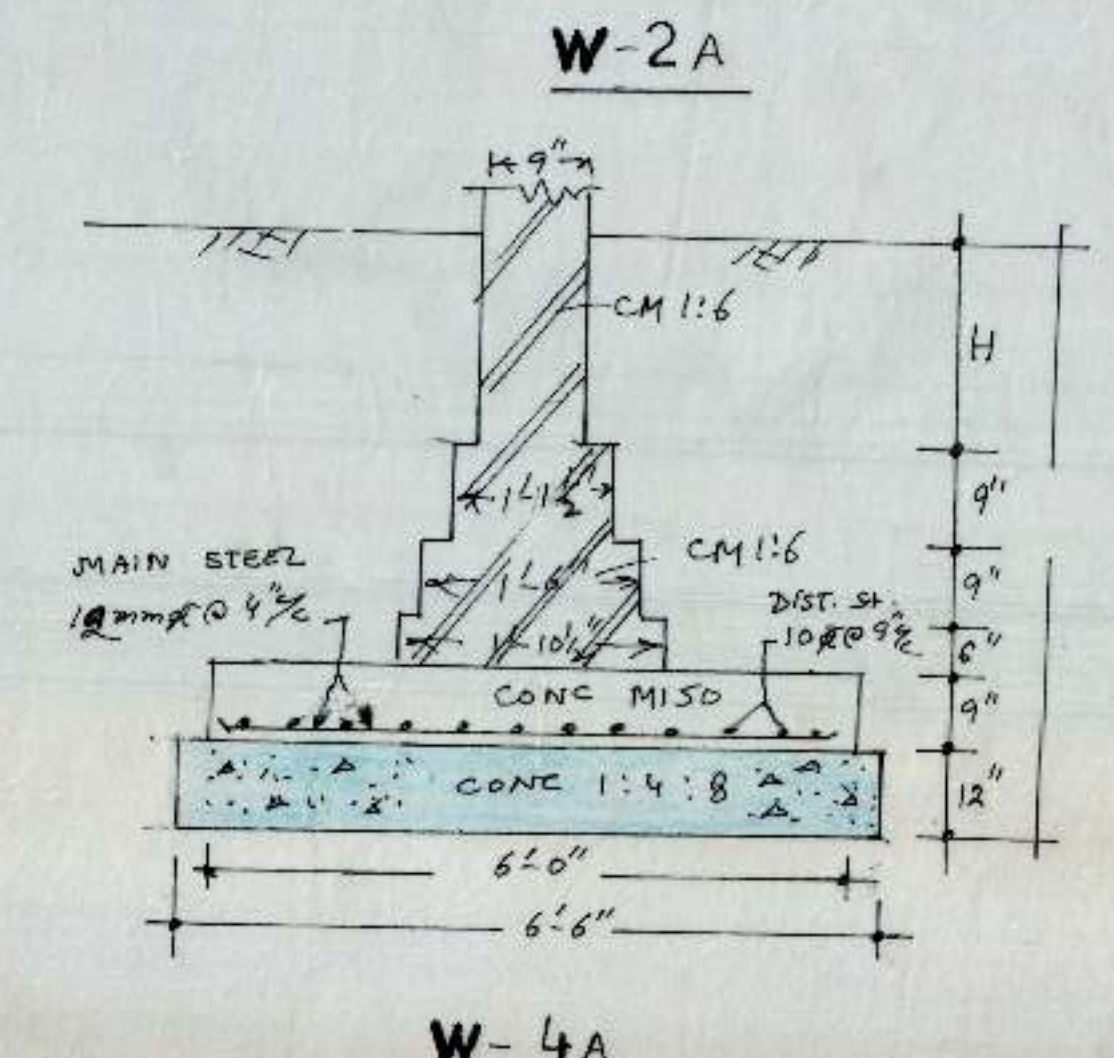
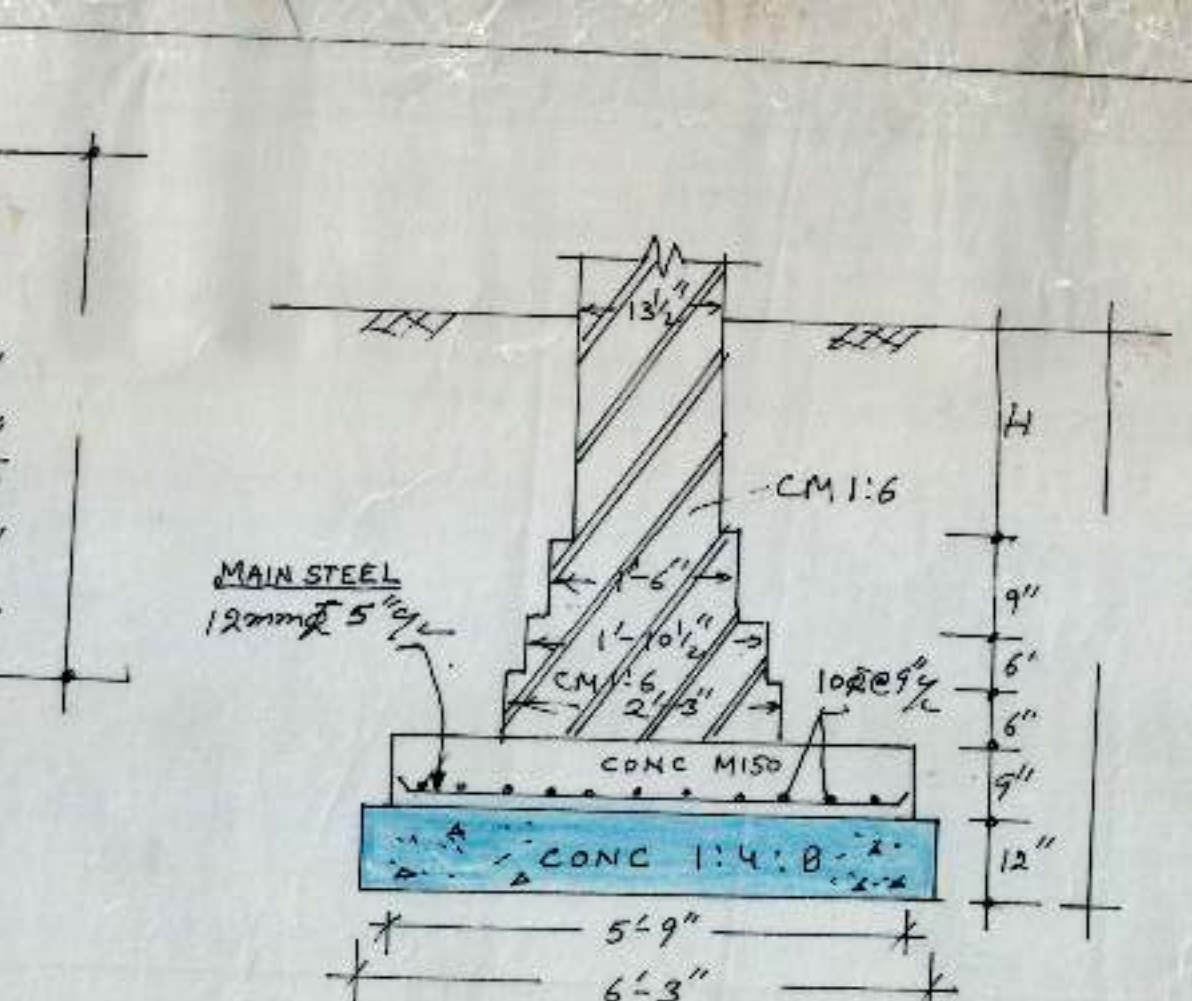
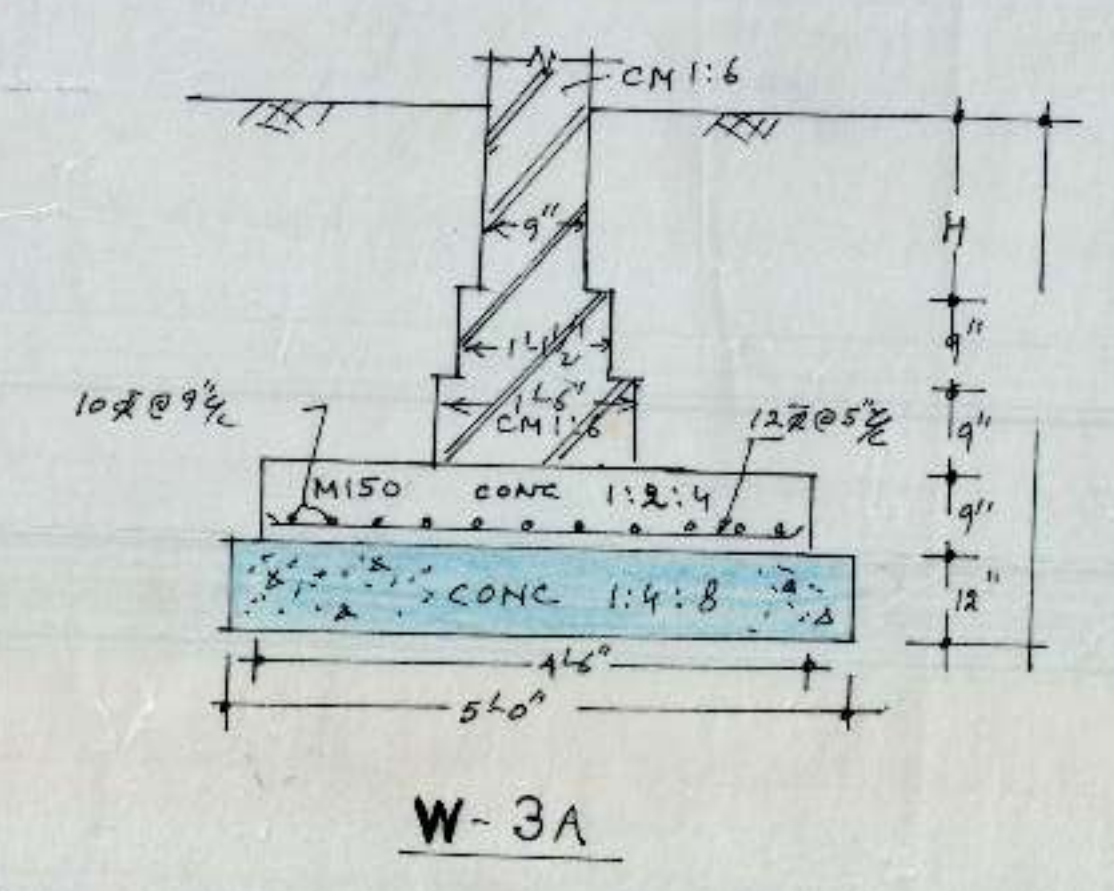
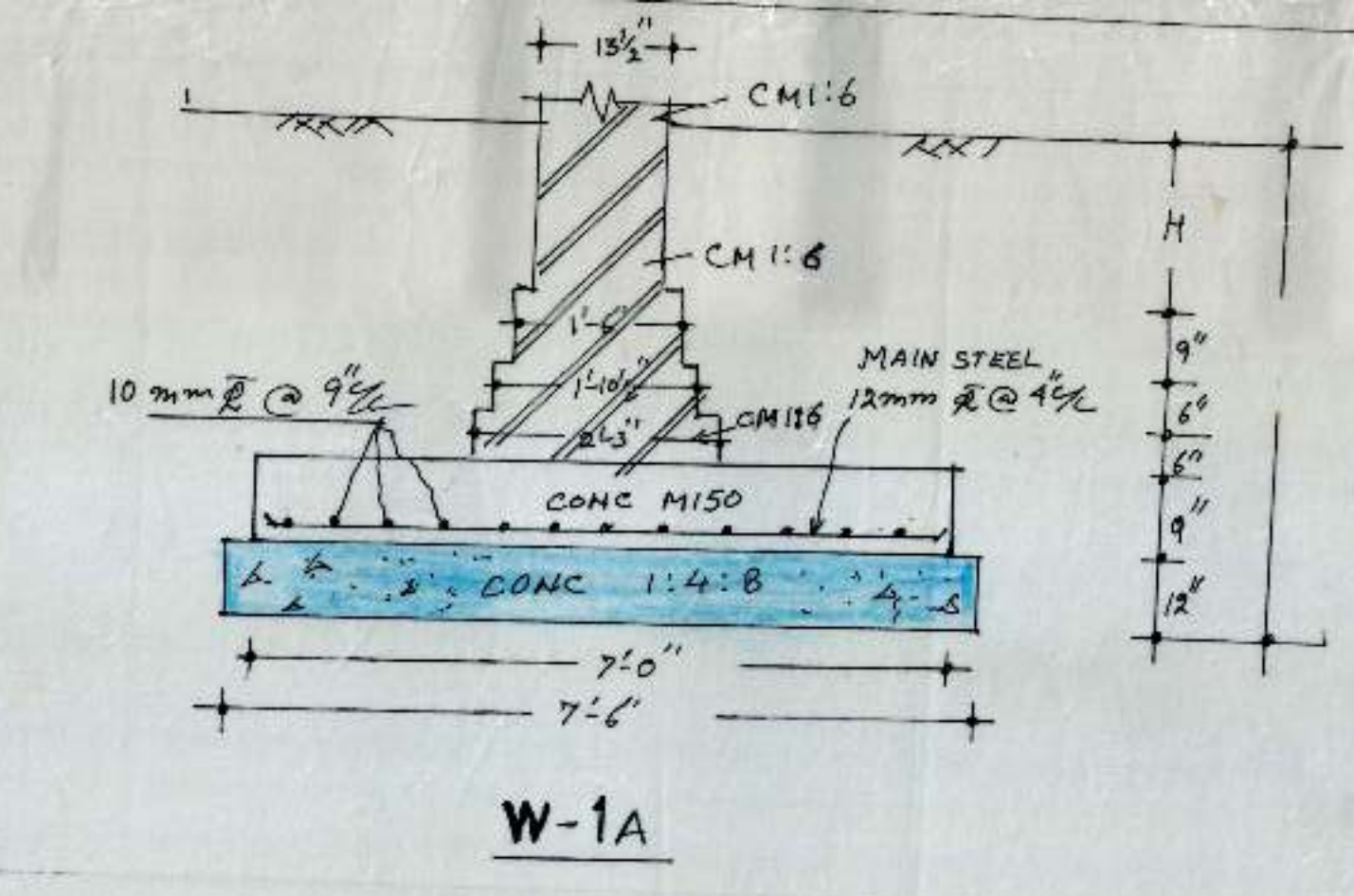
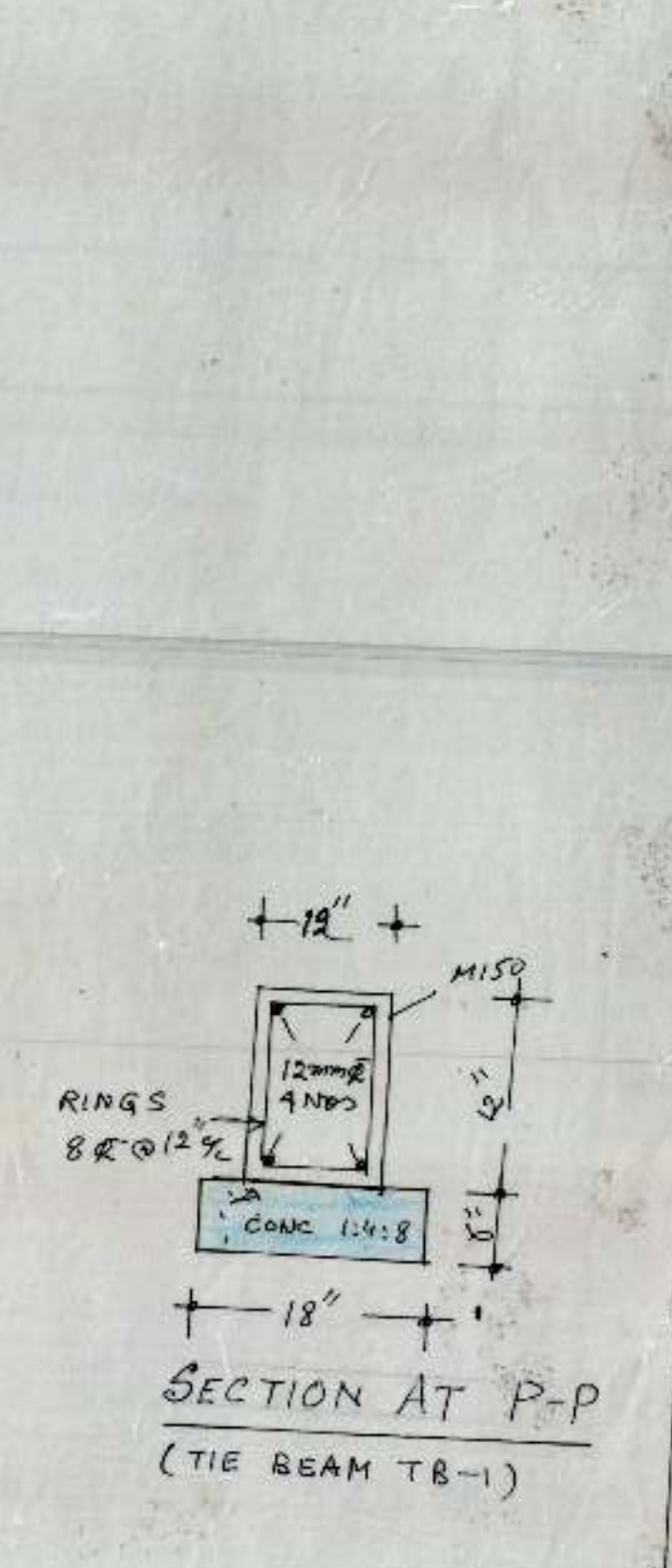
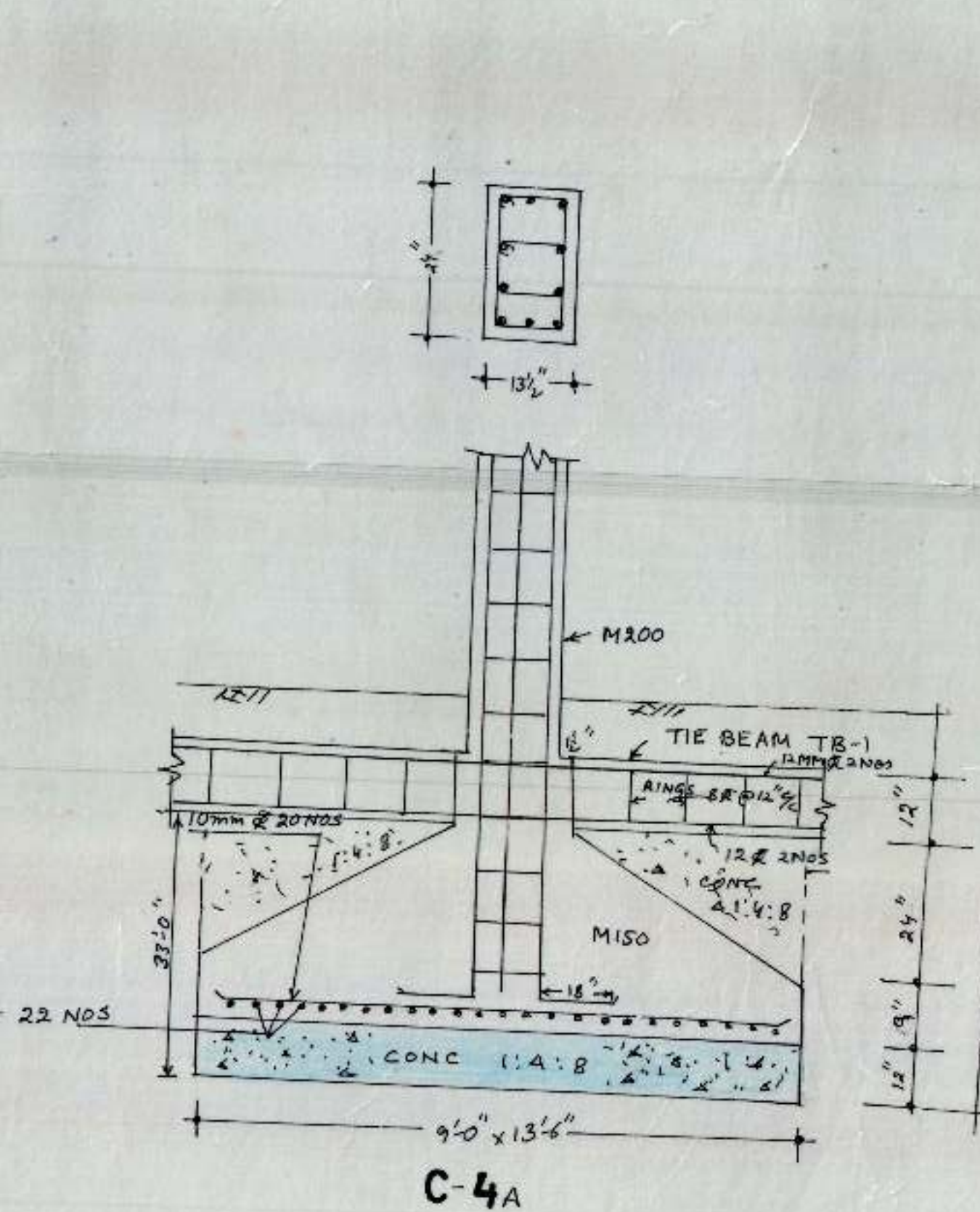
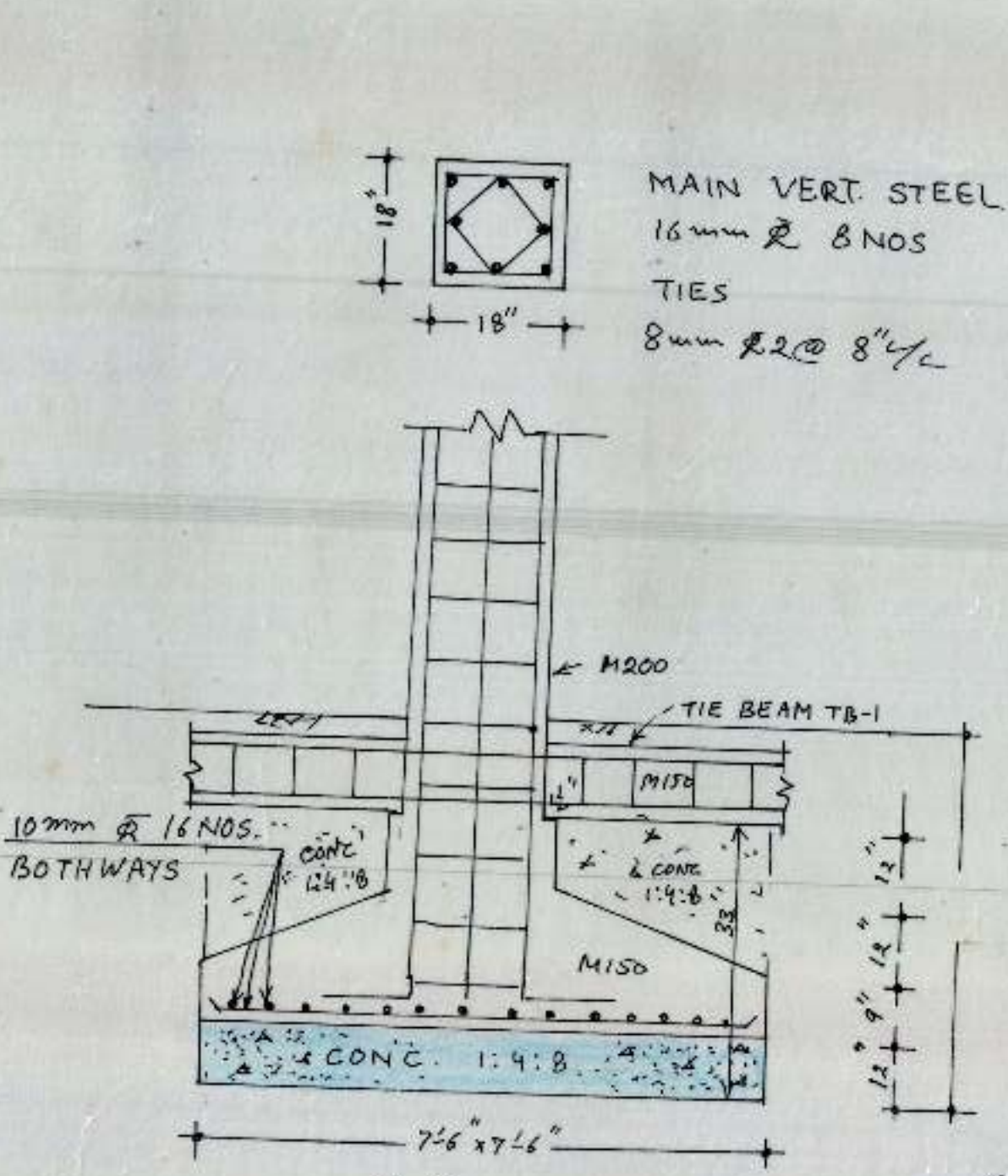
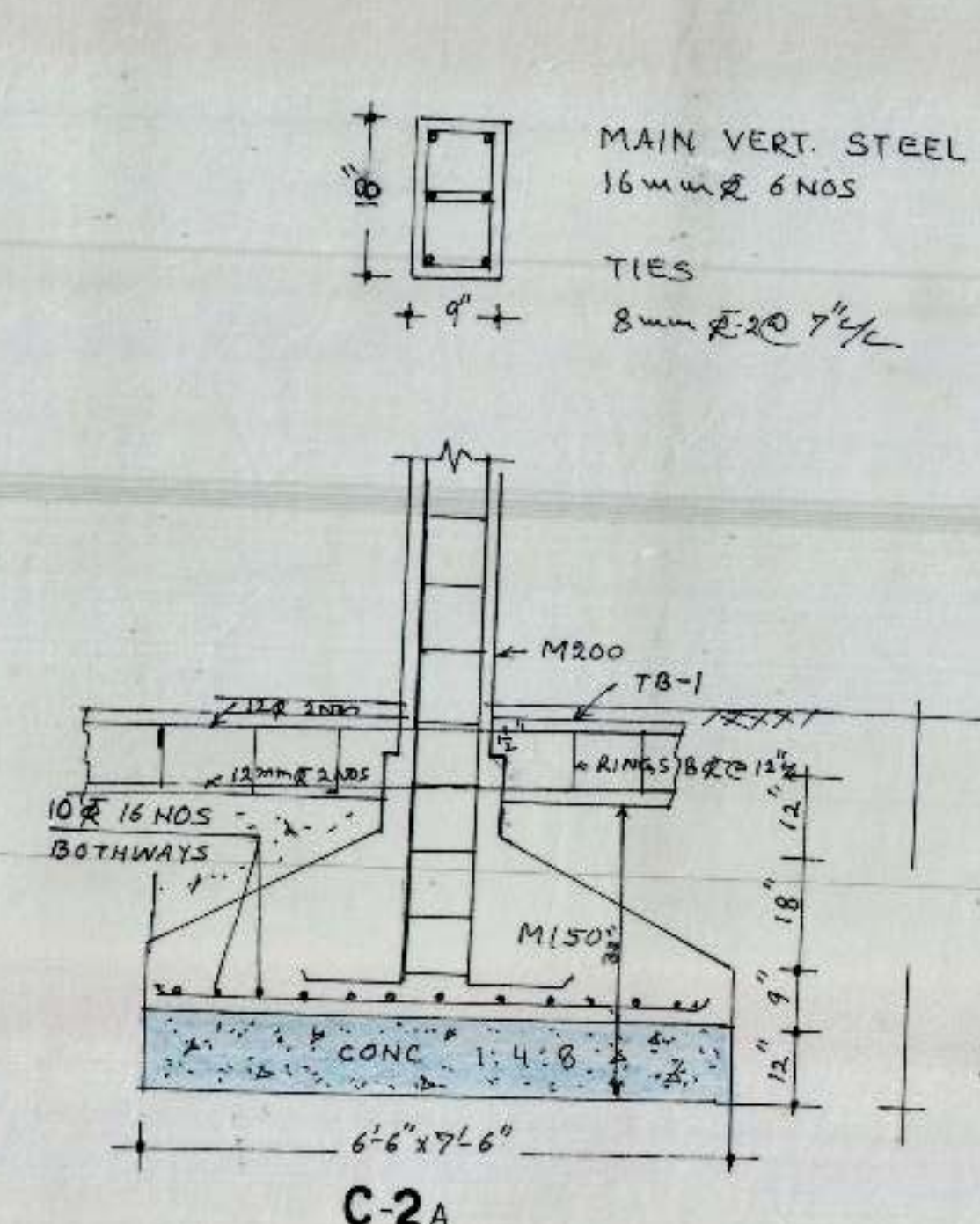
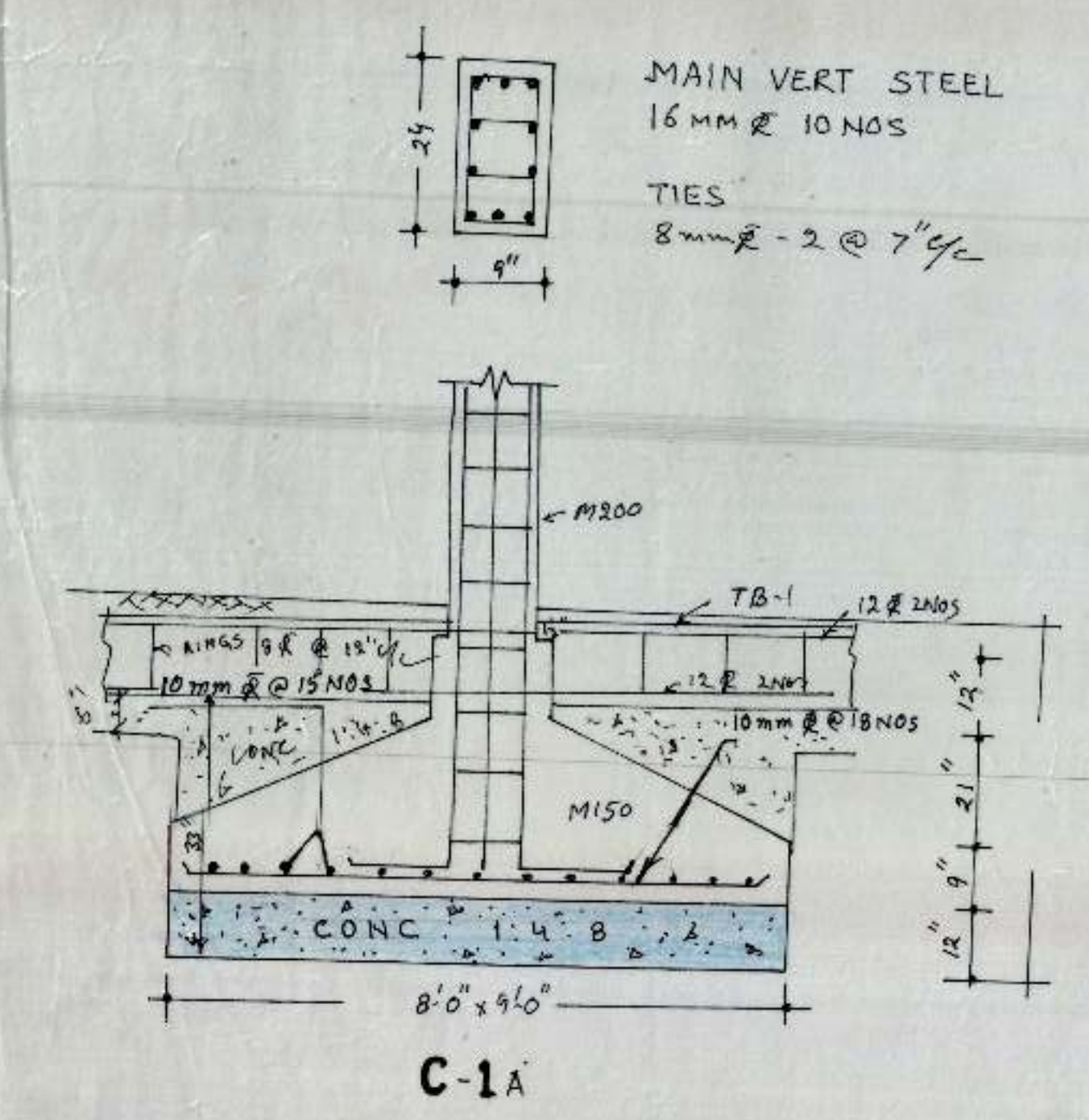
FOUNDATION DETAILS

HIG. UPPER FLATS
Sec. 45 A,
Chandigarh

Drg. No. CHB/HIG-1

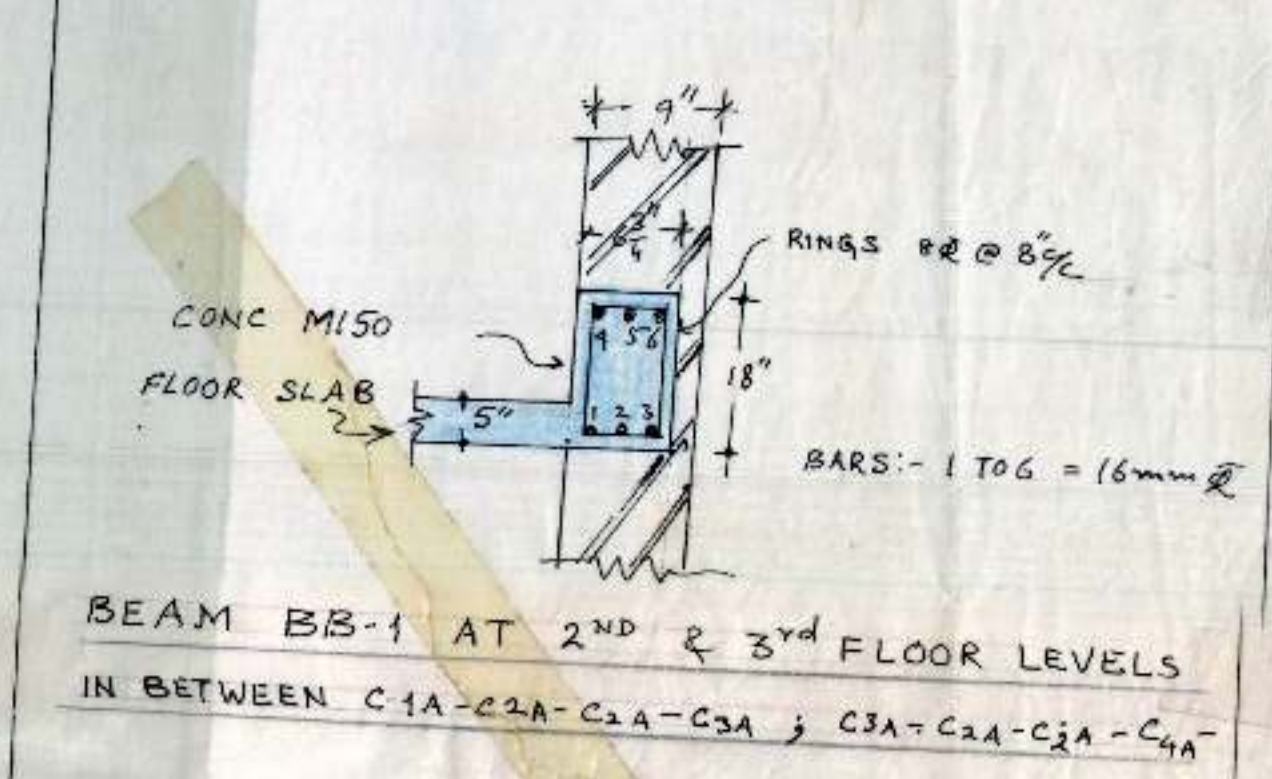


FOUNDATION PLAN



NOTES

1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED.
2. FOR ϕ DIMENSIONS, REFER ARCHITECTURAL DRGS.
3. ϕ INDICATES DIA. OF RIBBED TOR STEEL CONFORMING TO IS:1786-1979 (GRADE Fe 415).
4. USE M200 CONCRETE IN COLUMNS.
5. USE M150 CONCRETE IN FOUNDATION SLABS UNDER COLUMNS & BRICK WALLS.
6. USE LEAN MIX. 1:4:8
7. S.B.C. OF SOIL TAKEN FOR BLOCK OF HOUSES IN NULLAH IS 0.75 T/88.FT.
8. PROVIDE 2" CLEAR COVER BELOW MAIN STEEL IN FOUNDATION SLABS.
9. MINIMUM DEPTH OF FOOTING BELOW NATURAL GROUND LEVEL IS 3'0".
10. BECAUSE OF VARYING DEPTH OF FOOTING, 'H' MAY BE PROVIDED AS PER SITE REQUIREMENT.



Arch Drg. Job no. 106

BR CONSULTANTS
53, SECTOR 56,
CHANDIGARH

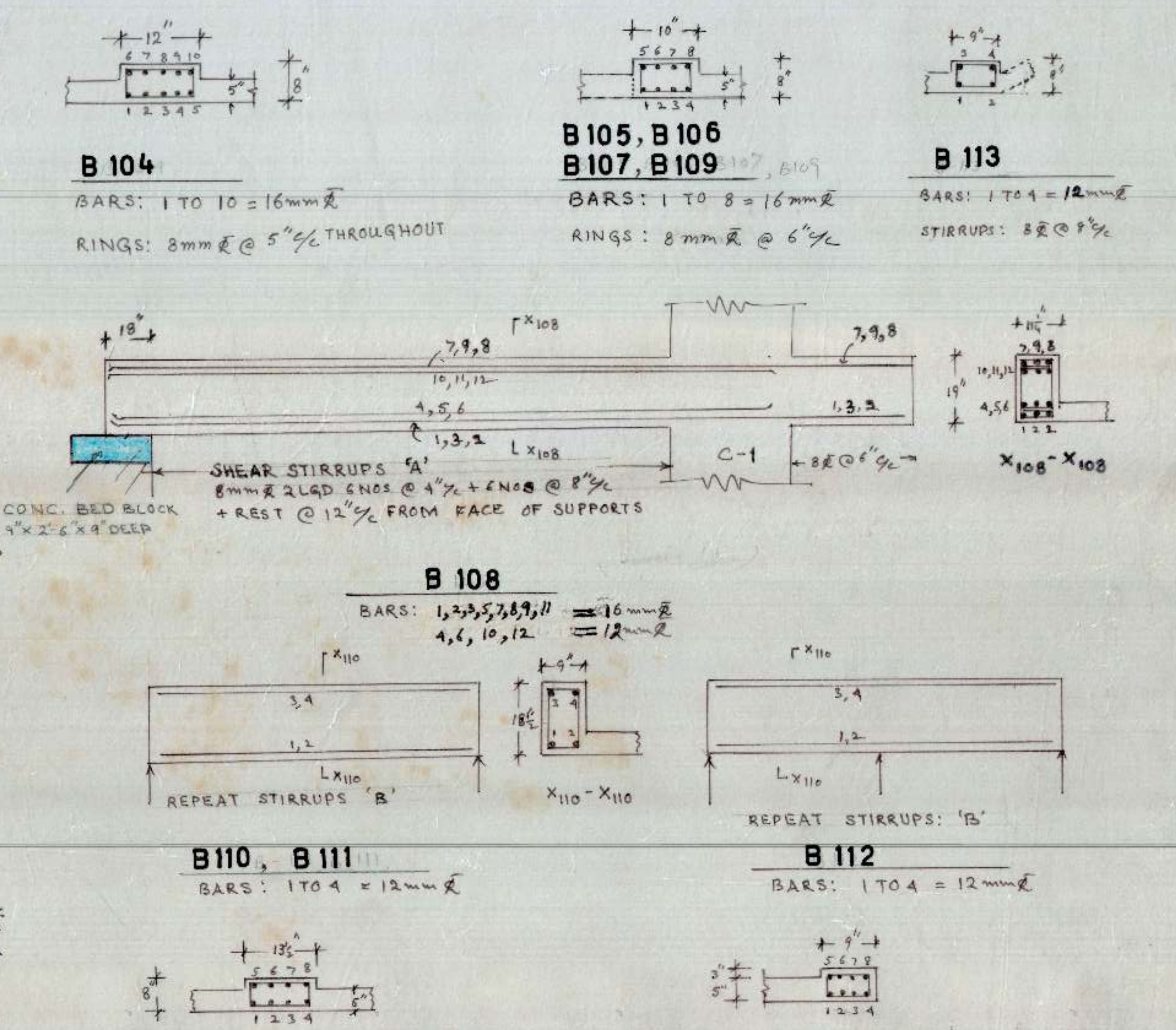
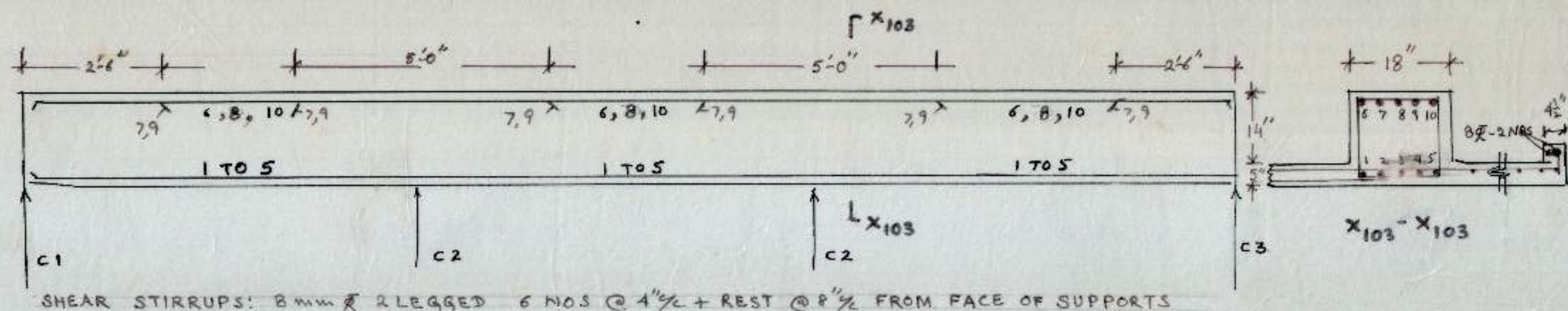
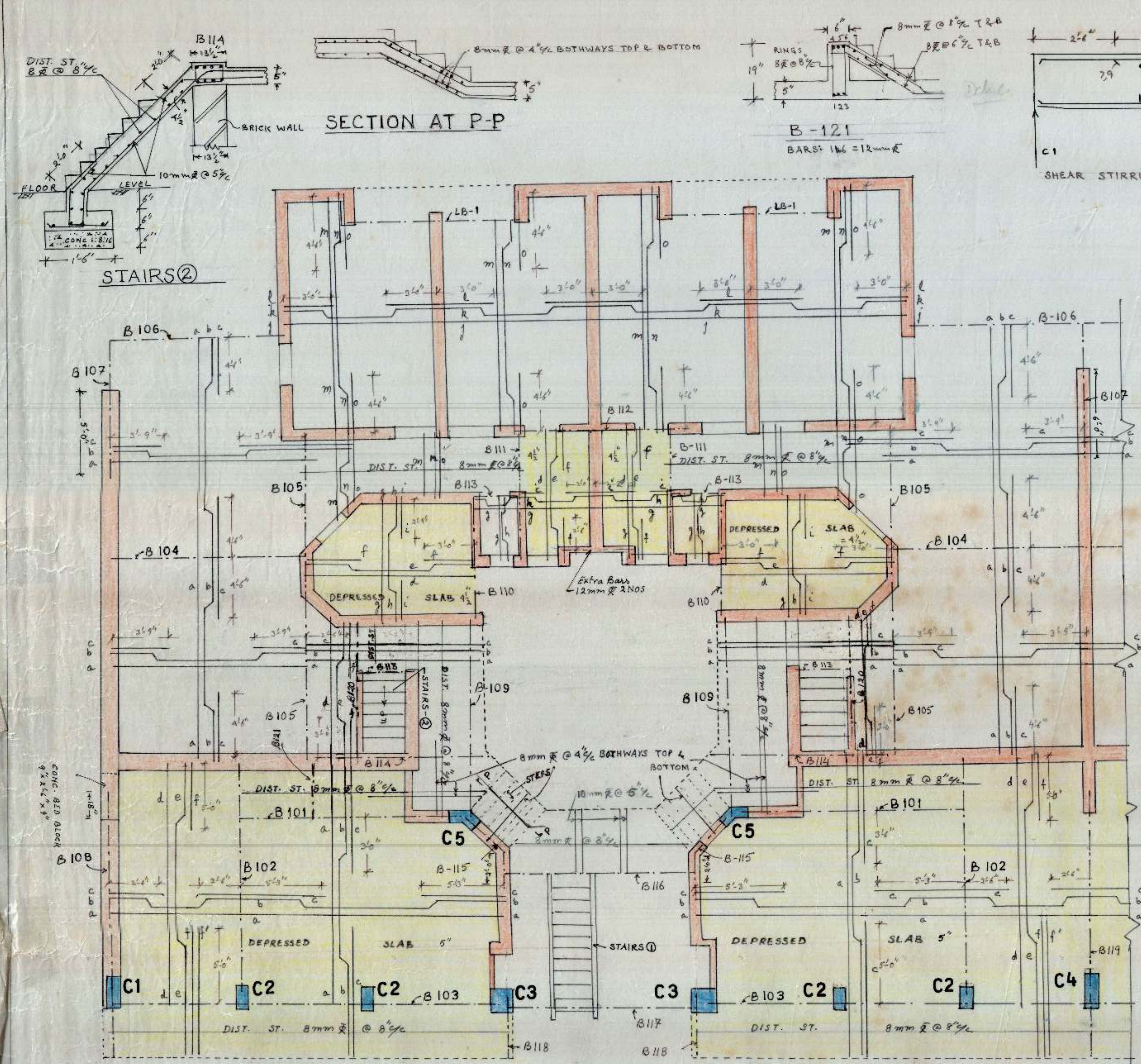
BLOCK OF HOUSES
in
NULLAH

ENGINEER *[Signature]*
B.E CIVIL (HONS)

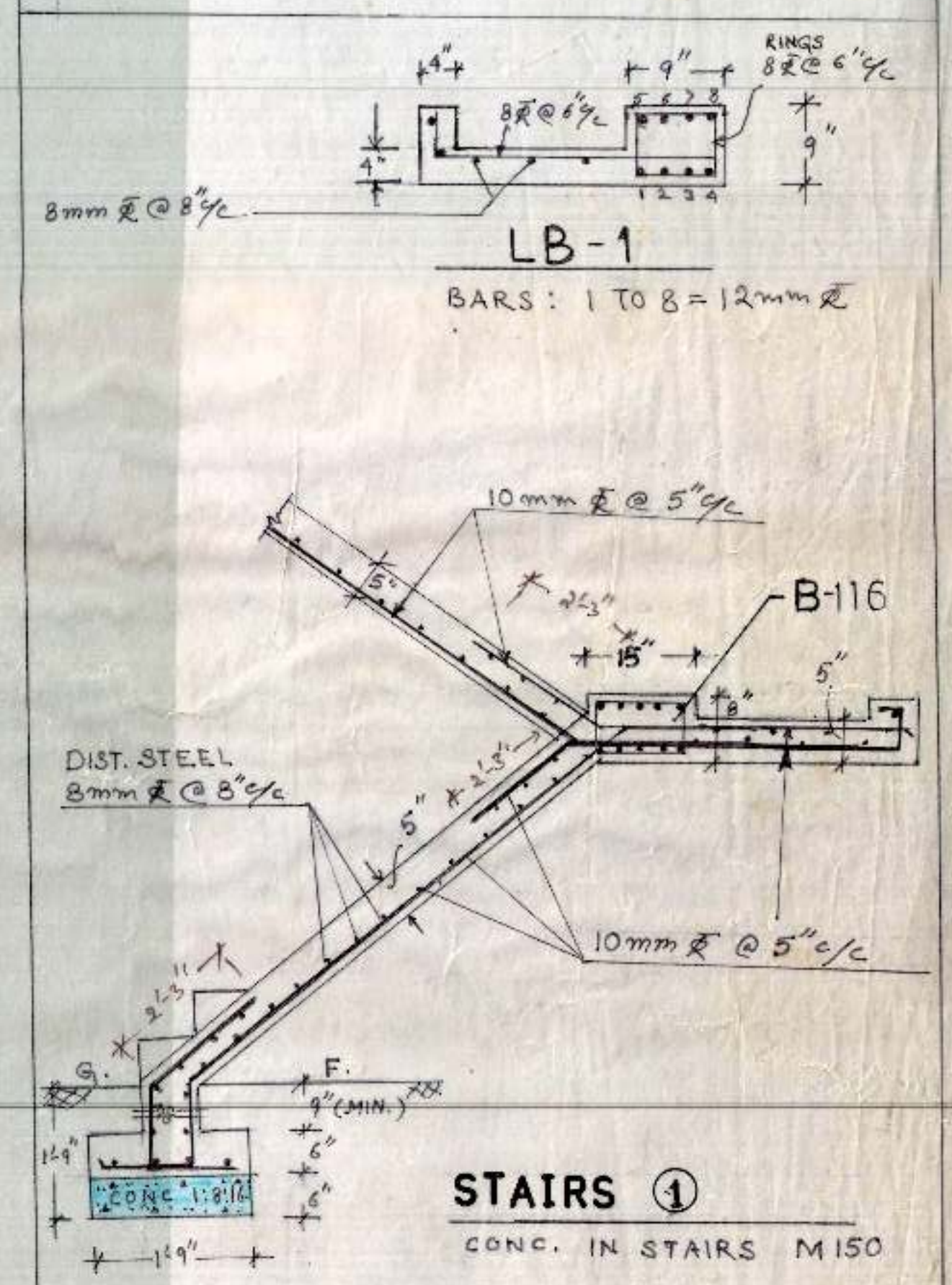
FOUNDATION DETAILS

HIG UPPER FLATS
Sector 45A,
Chandigarh

DRG. NO. CHB/HIG-1A



- NOTES**
1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED
 2. FOR CENTRE LINE DIMENSIONS, REFER ARCH. DRAWINGS.
 3. ϕ INDICATES DIA. OF RIBBED TOR STEEL CONFORMING TO IS: 1786-1979, GRADE Fe 415.
 4. PROVIDE LAP LENGTH AS 60 TIMES DIA. OF BAR.
 5. CLEAR COVER IN SLAB IS 15MM.
 6. CLEAR COVER IN BEAMS IS 25MM.
 7. CONCRETE USED IN SLABS & BEAMS IS M150.
 8. PROVIDE CONCRETE BED BLOCKS (1:2:4) UNDER BEAMS ENDS OF B-101, B-108, B-119 RESTING ON BRICK WALLS

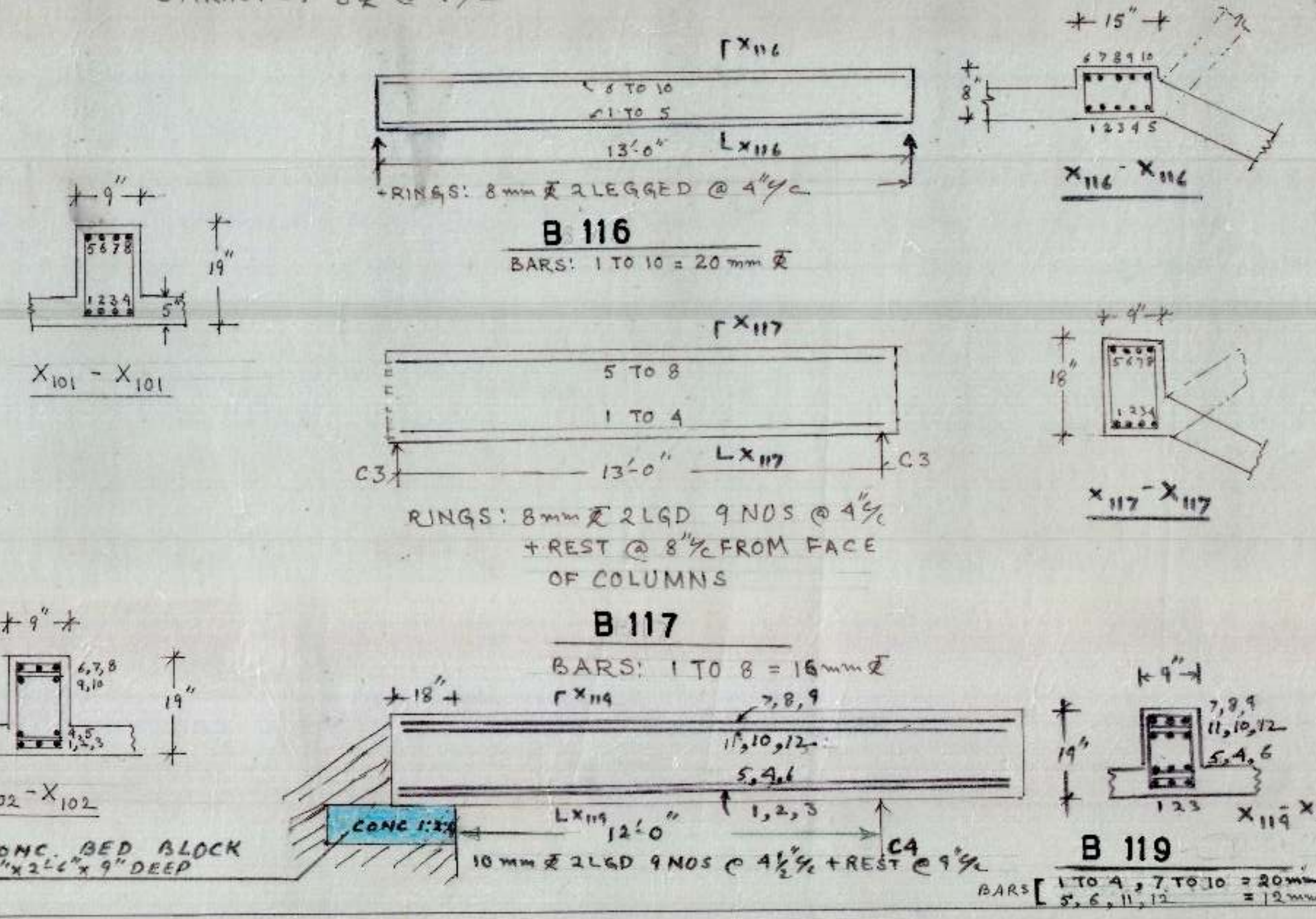
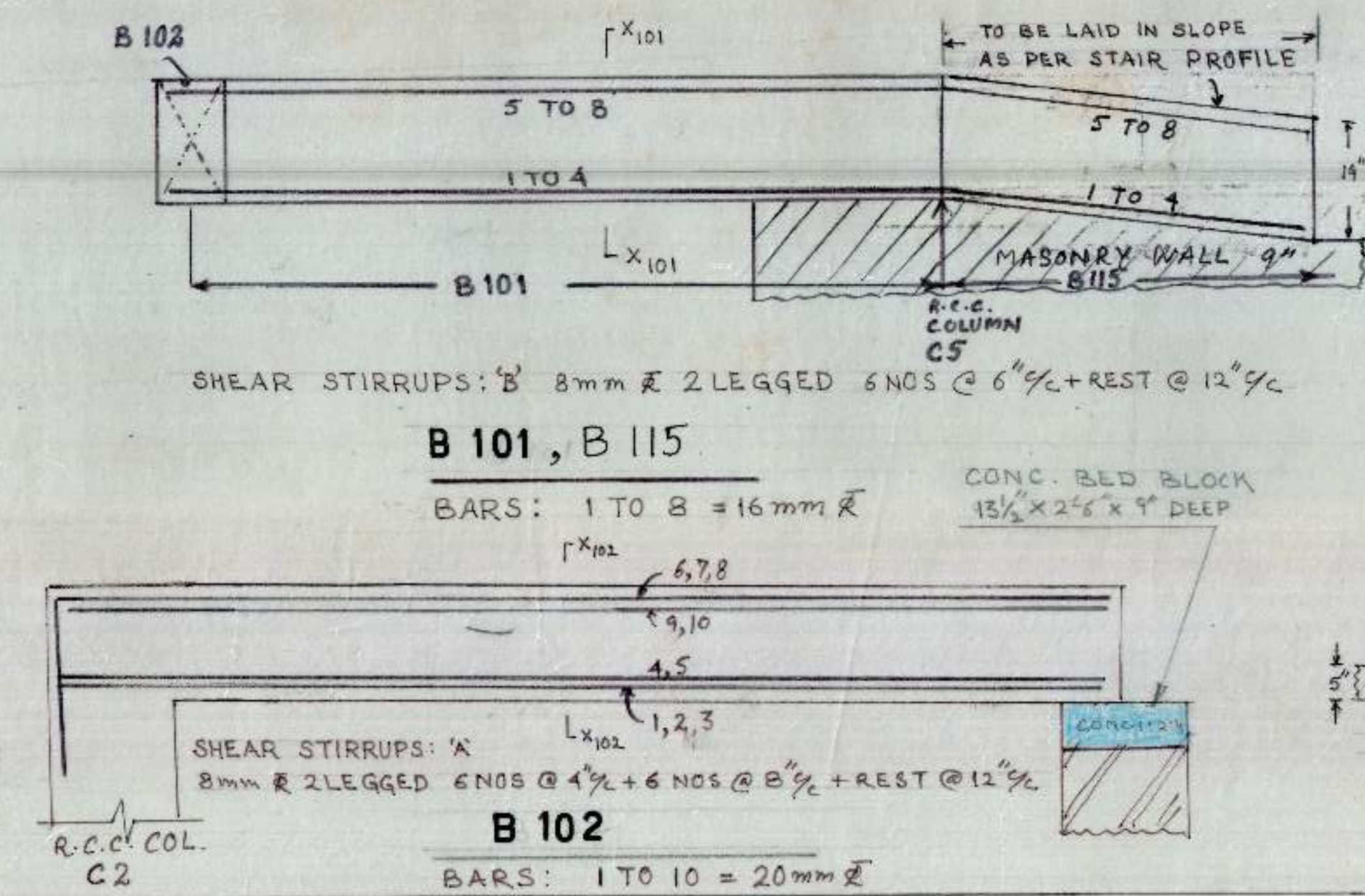


FIRST FLOOR SLAB

SLAB THICKNESS = 5"
CONCRETE M150

SCHEDULE OF BARS IN SLAB

a, b	= 8mm ϕ @ 12" ϕ c
c	= 10mm ϕ @ 12" ϕ c
d, e, f	= 8mm ϕ @ 18" ϕ c
g, h, i	= 8mm ϕ @ 9" ϕ c
j, k	= 8mm ϕ @ 8" ϕ c
l	= 10mm ϕ @ 10" ϕ c
m, n	= 8mm ϕ @ 15" ϕ c
o	= 10mm ϕ @ 15" ϕ c



B.R. CONSULTANTS
KOTHI NO 53, SECTOR 56,
SAS.NAGAR

**DETAILS OF REINFORCEMENT IN
BEAMS AND SLABS AT
FIRST FLOOR LEVEL**

ENGINEER
B.E. CIVIL (HONS)

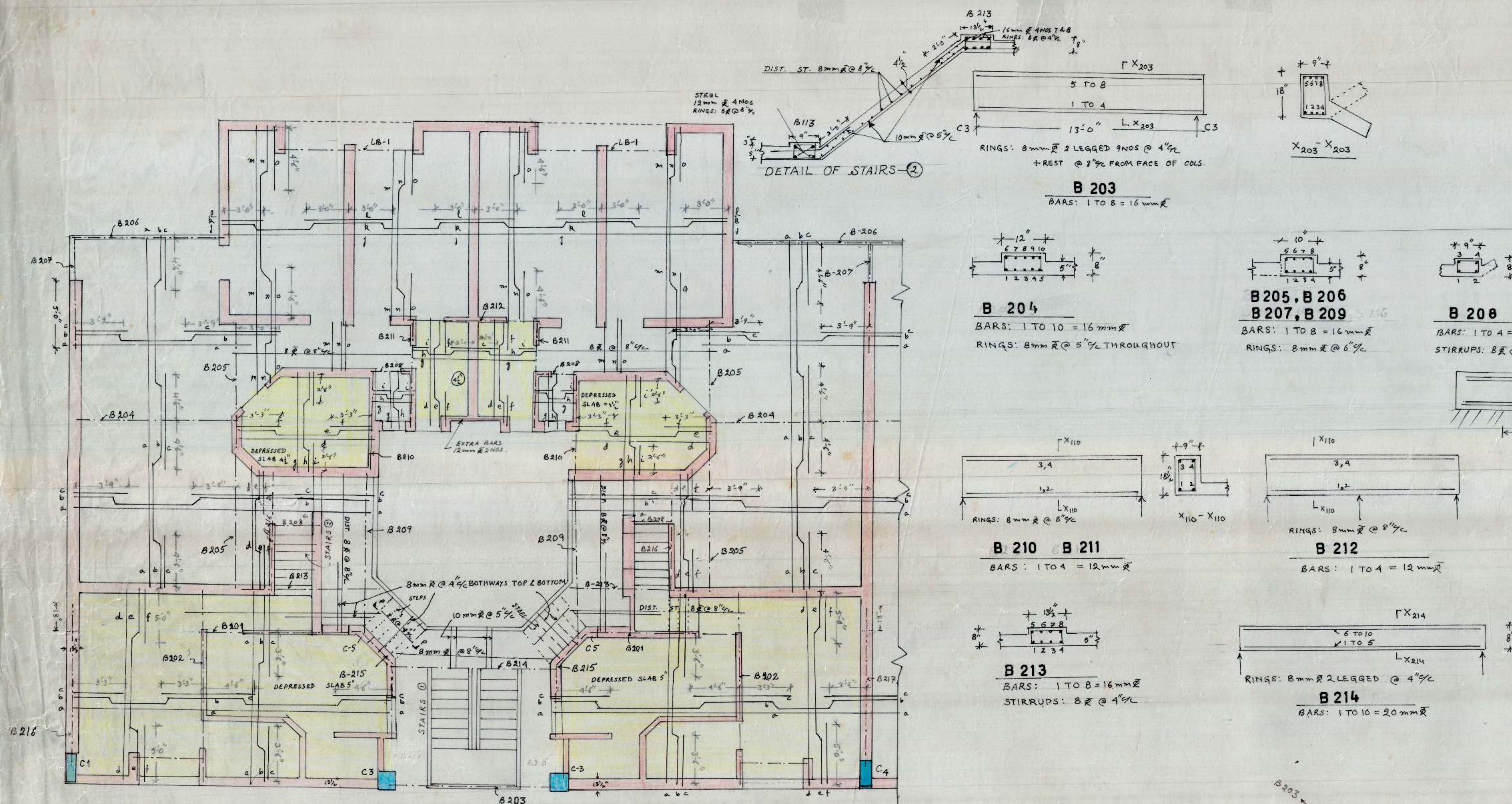
**H.I.G. UPPER FLATS
SECTOR 45A,
CHANDIGARH**

INDEX
SLAB, BEAMS B-101 TO B-121

DRG. NO. CHB/HIG-2 **DATE 18/08/89**

NOTES

1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED OFF.
2. FOR CENTRE LINE DIMENSIONS, REFER ARCH. DRAWINGS.
3. ϕ INDICATES DIA. OF RIBBED TOR STEEL CONFORMING TO IS: 1786-1979, GRADE Fe 415.
4. PROVIDE LAP LENGTH AS 60 TIMES DIA. OF BAR.
5. CLEAR COVER IN SLAB IS 15MM.
6. CLEAR COVER IN BEAMS IS 25MM.
7. CONCRETE USED IN SLABS & BEAMS IS M150.
8. PROVIDE CONCRETE BED BLOCKS (1:2:4) 9" X 2'-6" X 9" OR 13 1/2" X 2'-6" X 9" UNDER BEAM ENDS B 202, B 207 RESTING ON BRICK WALLS.
9. FOR SECTION AT P-P, REFER STRUCTURAL DRAWING NO. CHB/HIG-2.

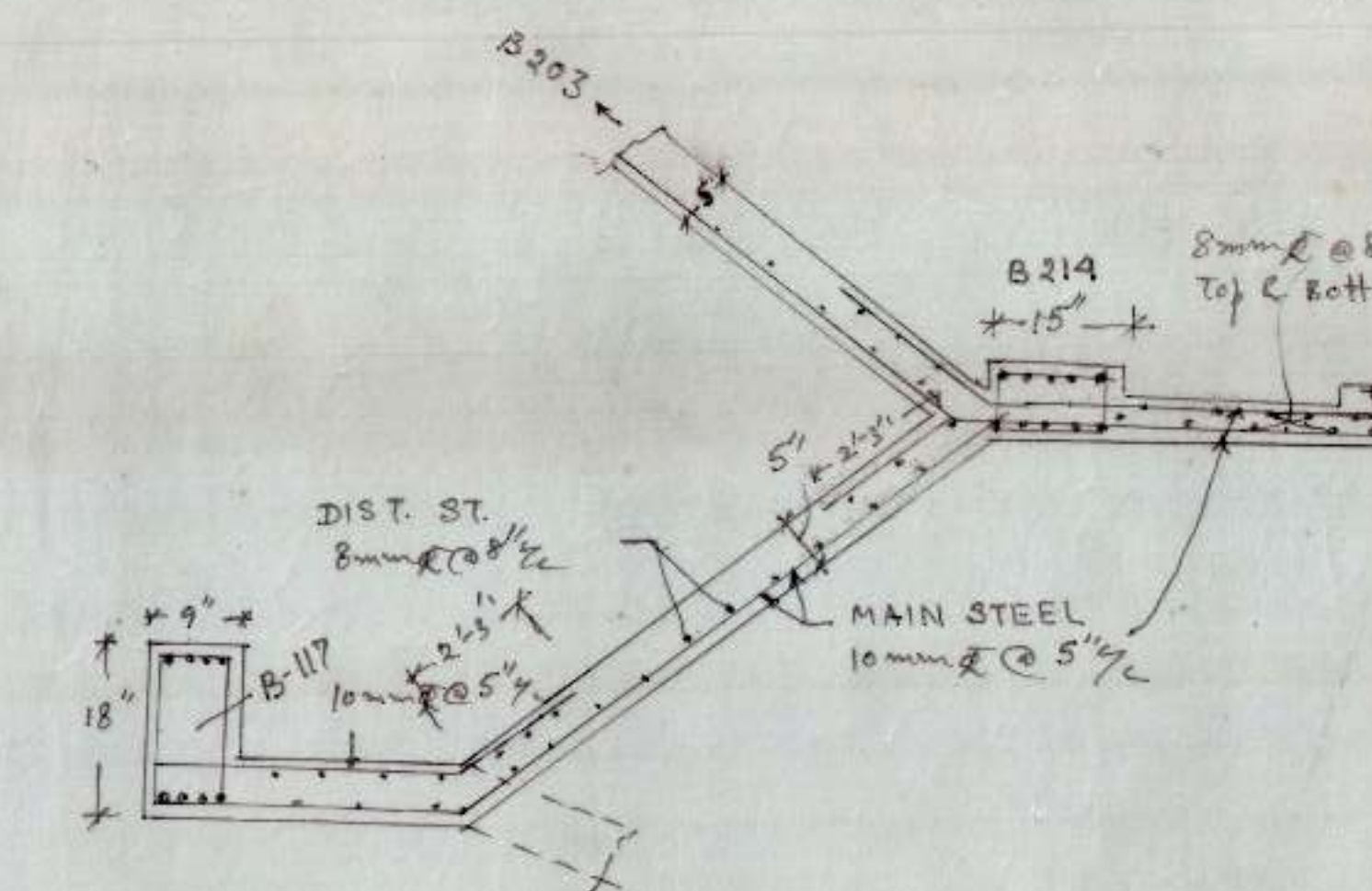
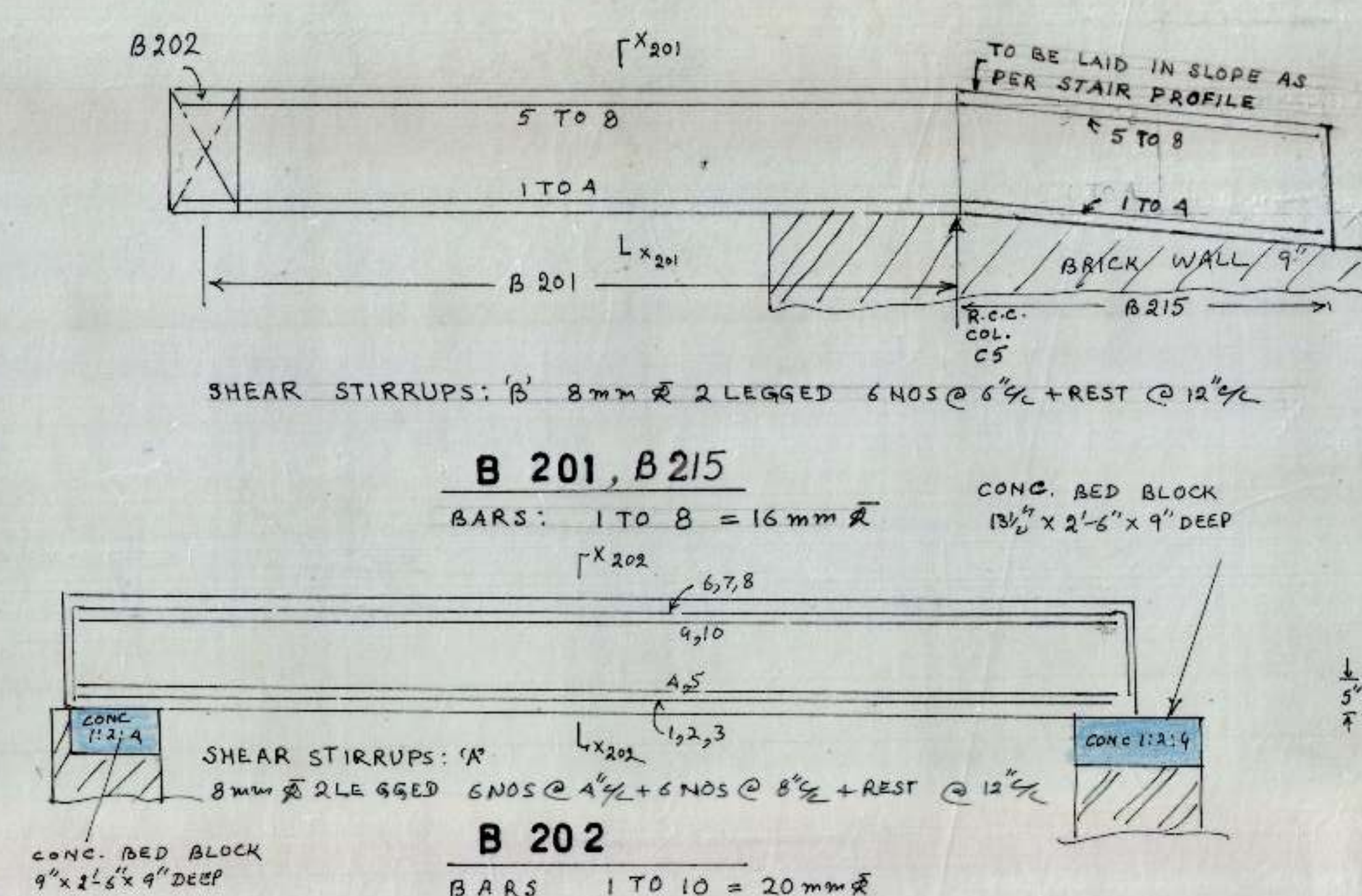


SECOND FLOOR SLAB

SLAB THICKNESS = 5"
CONCRETE M 150

SCHEDULE OF BARS IN SLAB

a, b	= 8mm ϕ @ 12" ϕ
c	= 10mm ϕ @ 12" ϕ
d, e, f	= 8mm ϕ @ 18" ϕ
g, h, i	= 8mm ϕ @ 8" ϕ
j, k	= 8mm ϕ @ 10" ϕ
l	= 10mm ϕ @ 10" ϕ
m, n	= 8mm ϕ @ 15" ϕ
o	= 10mm ϕ @ 15" ϕ



B.R. CONSULTANTS
KOTHI NO 53, SECTOR 56,
SAS NAGAR

**DETAILS OF REINFORCEMENT IN
BEAMS AND SLAB AT
SECOND FLOOR LEVEL**

ENGINEER

B.E. CIVIL (HONS)

H.I.G UPPER FLATS
SECTOR 45 A
CHANDIGARH

INDEX

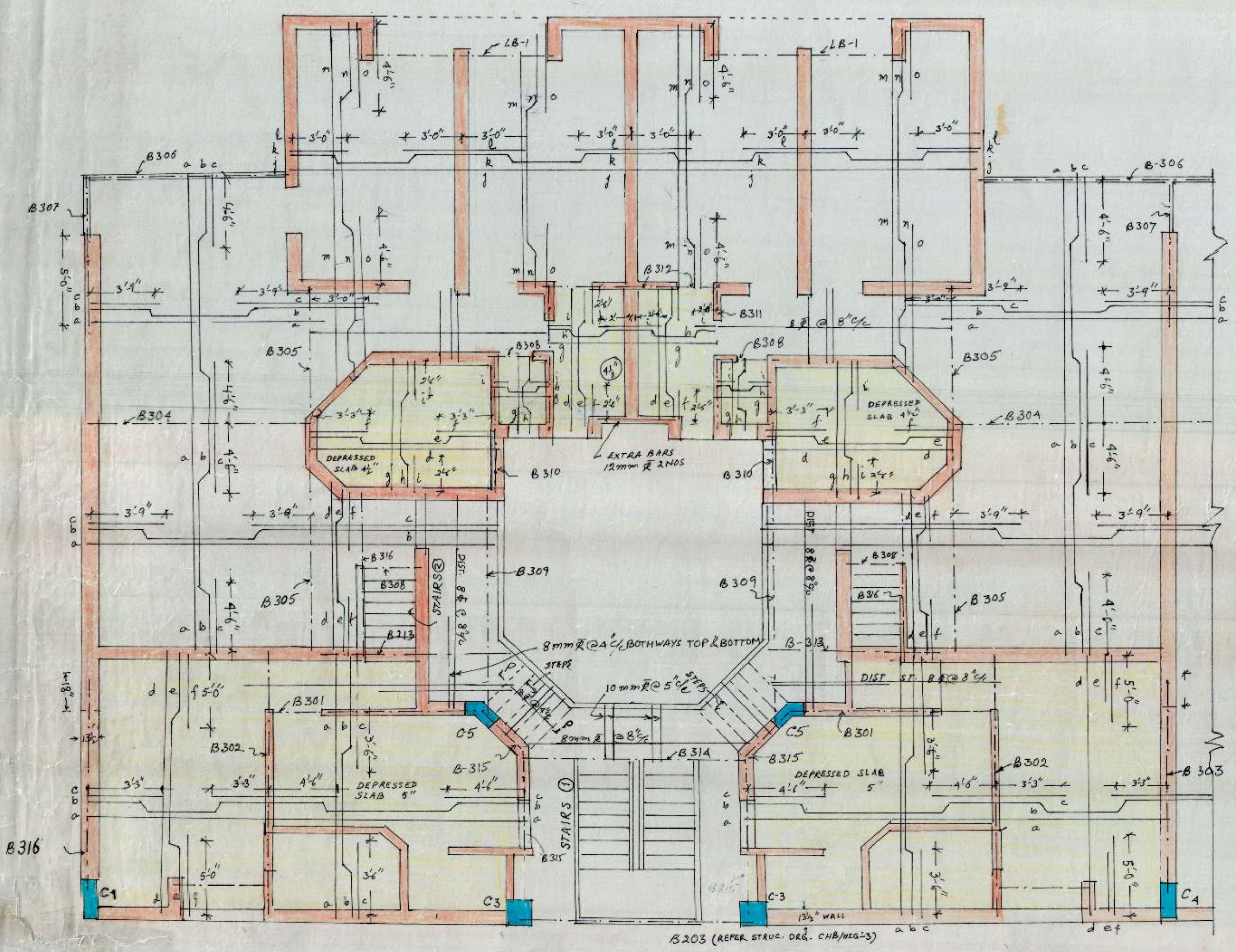
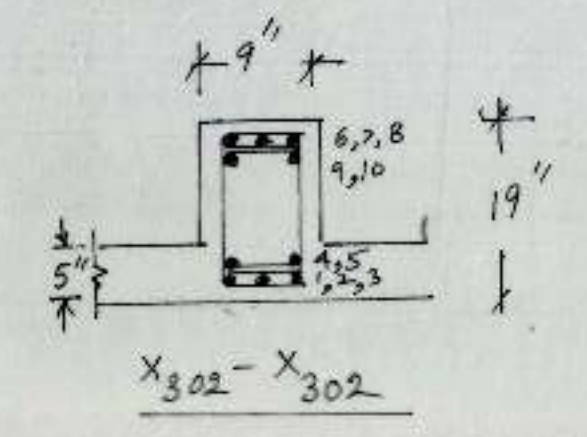
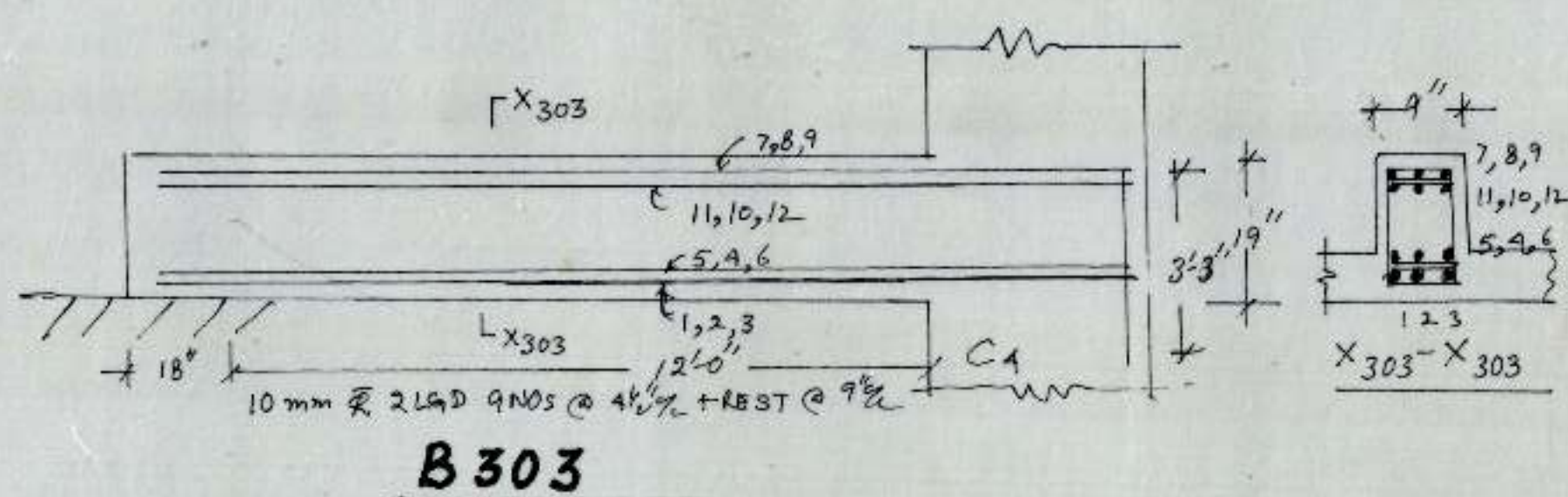
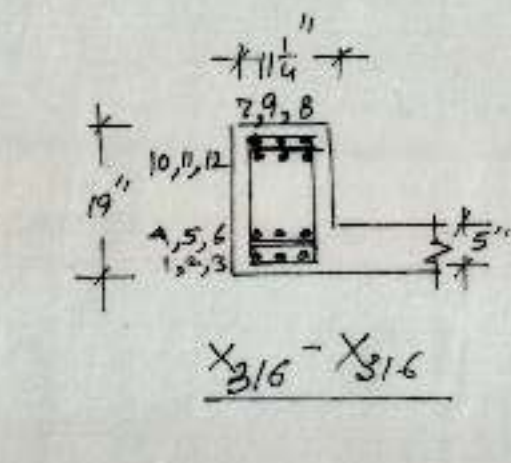
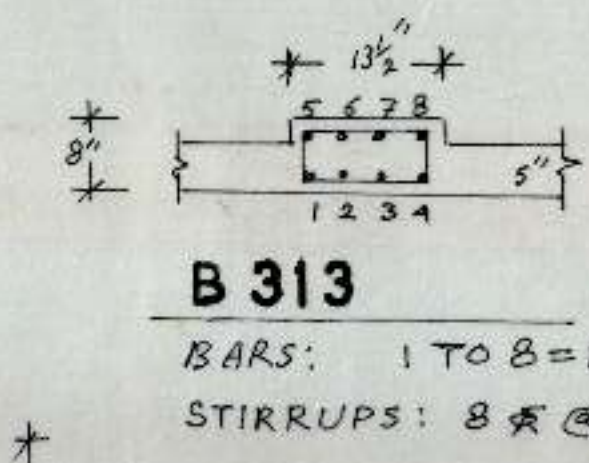
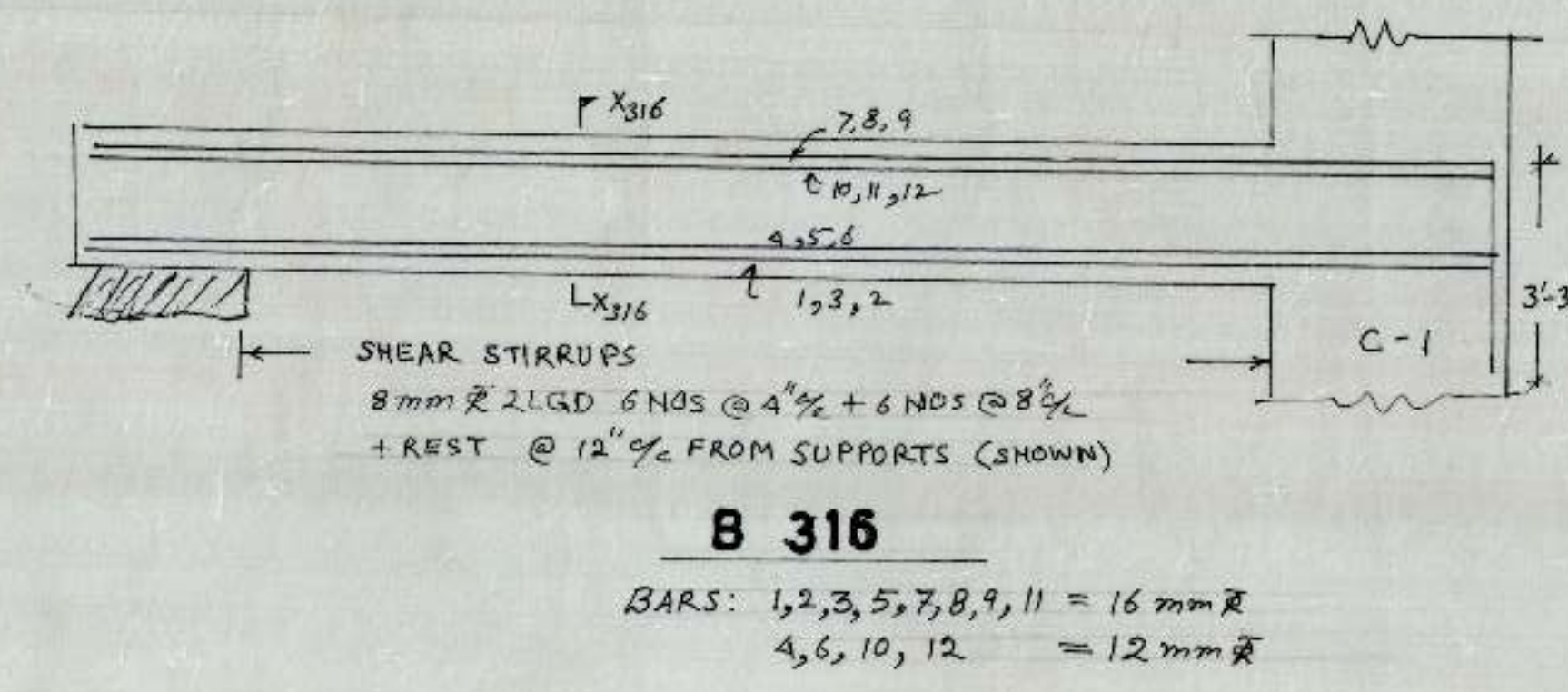
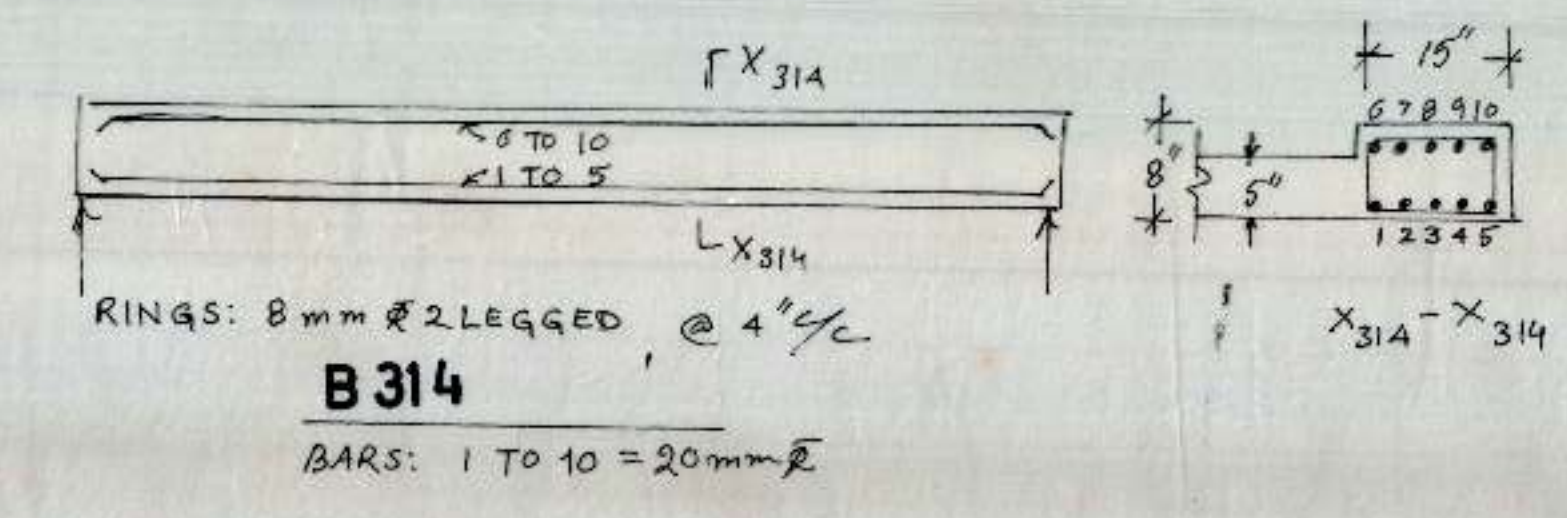
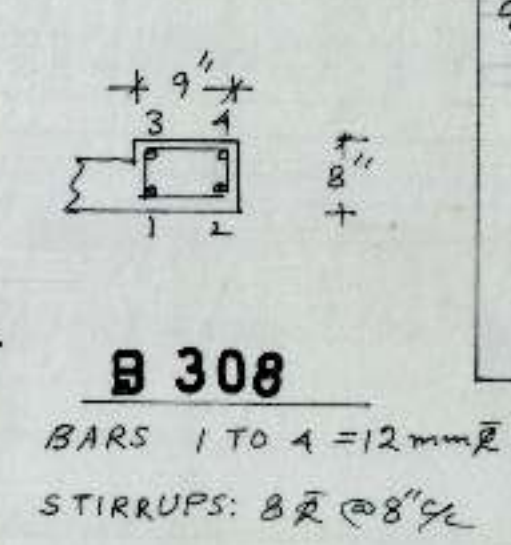
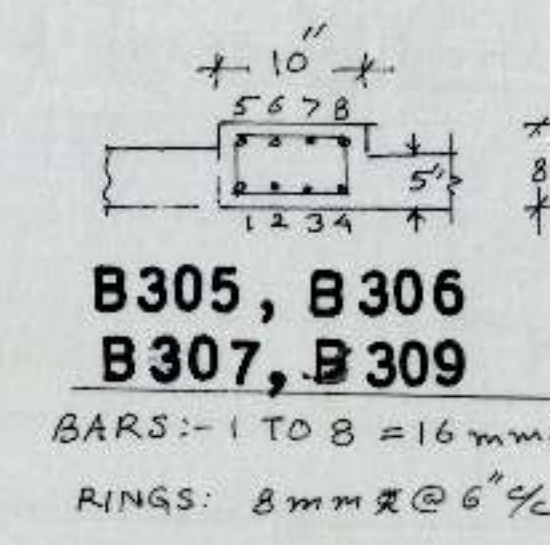
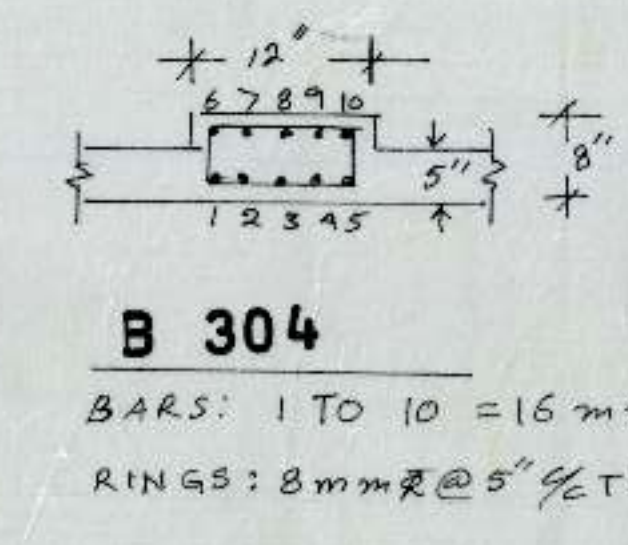
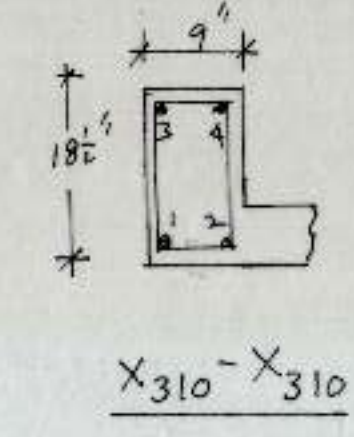
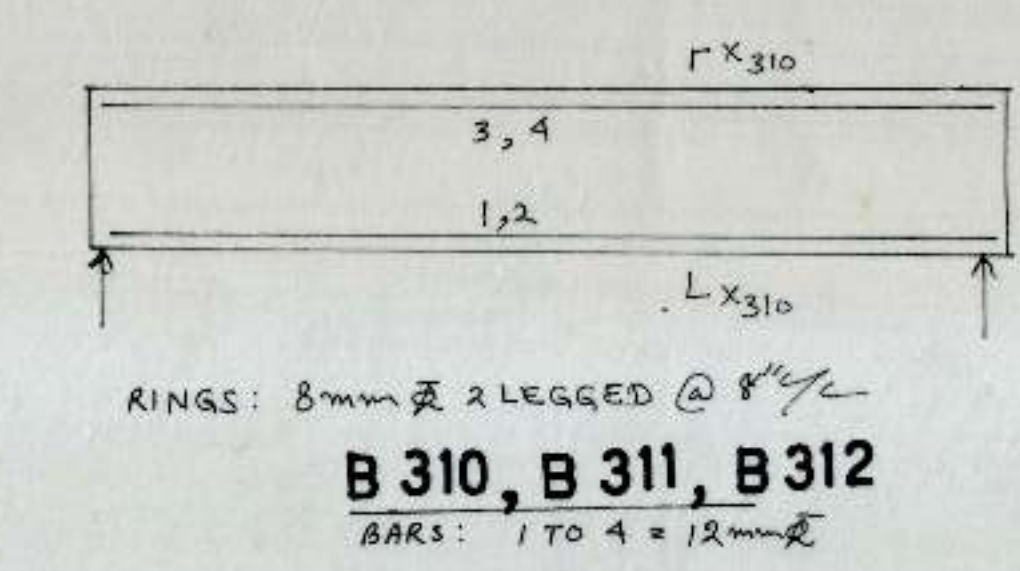
SLAB, BEAMS B 201 TO B 217

DRG. NO. CHB/HIG-3

DATE 18/08/88

NOTES

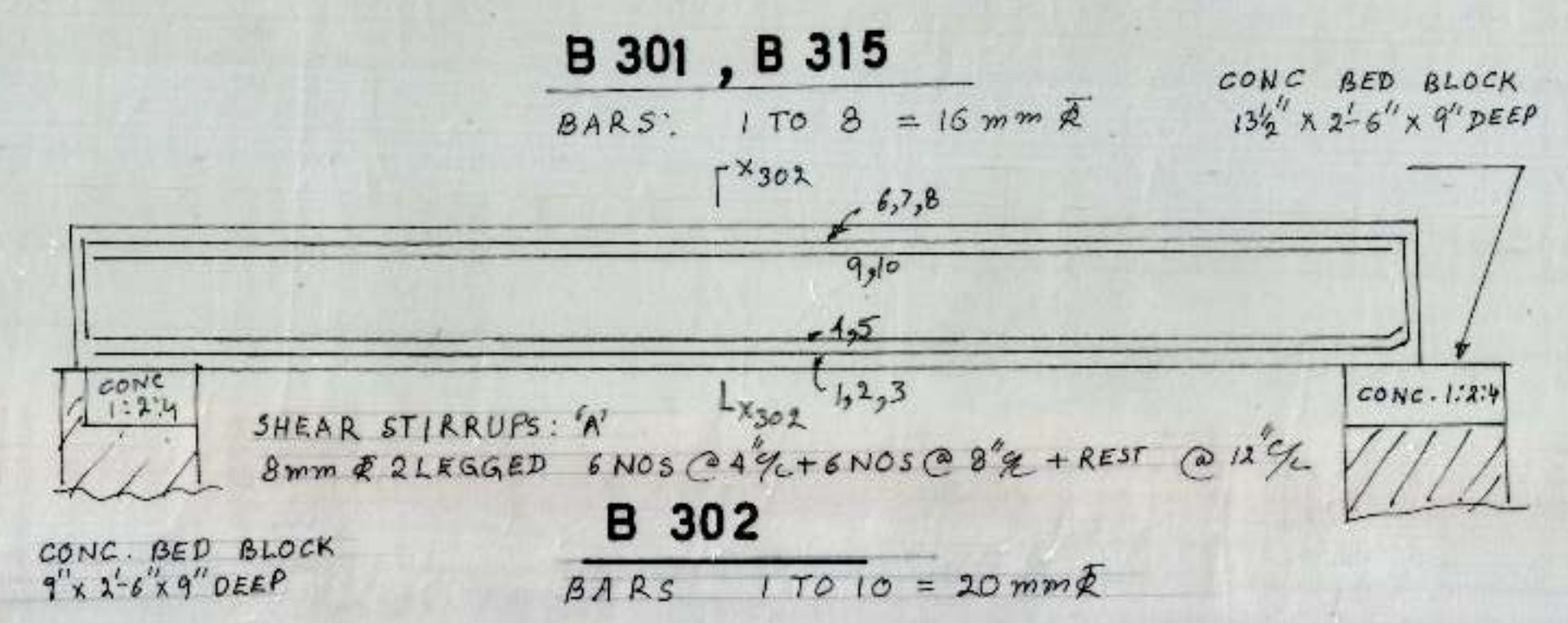
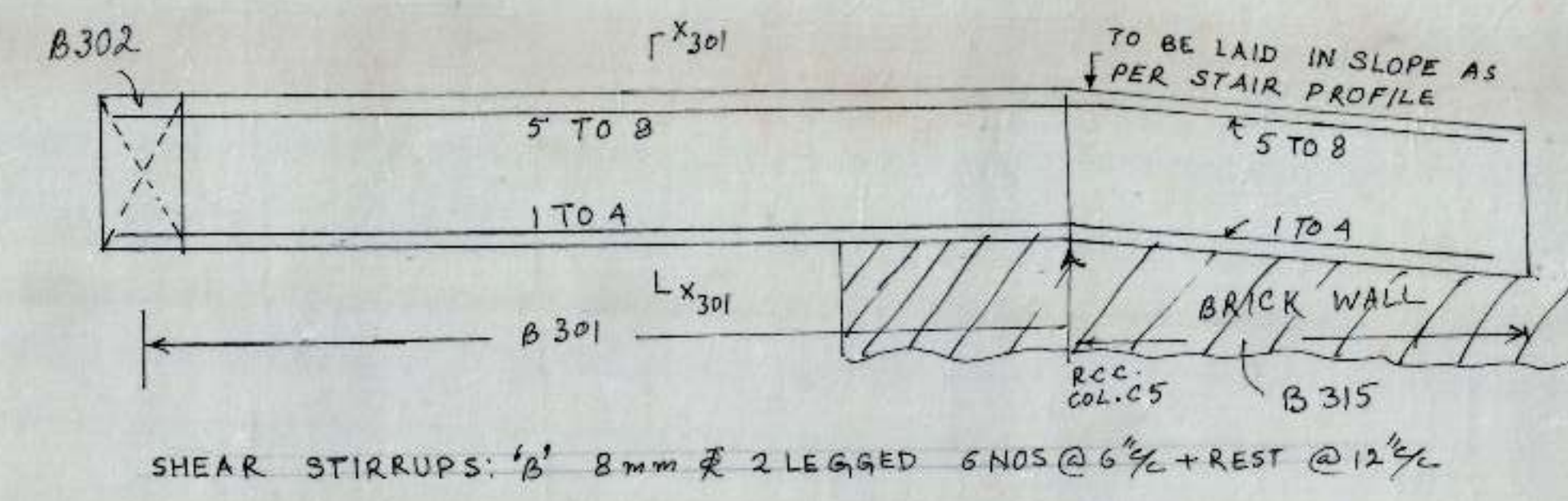
1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED OFF.
2. FOR CENTRE LINE DIMENSIONS, REFER ARCH. DRAWINGS.
3. ϕ INDICATES DIA. OF RIBBED TOR STEEL CONFORMING TO IS: 1786-1979, GRADE FE 415.
4. PROVIDE LAP LENGTH AS 60 TIMES DIA. OF BAR.
5. CLEAR COVER IN SLAB IS 15MM.
6. CLEAR COVER IN BEAMS IS 25MM.
7. CONCRETE USED IN SLABS & BEAMS IS M150.
8. PROVIDE CONCRETE BED BLOCKS (1:2:4) 9" x 2'-6" x 9" (OR 13 1/2" x 2'-6" x 9") UNDER BEAM ENDS B302, B307 RESTING ON BRICK WALLS.
9. FOR SECTION AT P-P, REFER STRUCT. DRG. NO. CHB/HIG-2.



THIRD FLOOR SLAB

SLAB THICKNESS = 5"
CONCRETE M150

SCHEDULE OF BARS IN SLAB	
a, b	= 8mm @ 12" c/c
c	= 10mm @ 12" c/c
d, e, f	= 8mm @ 18" c/c
g, h, i	= 8mm @ 8" c/c
j, k	= 8mm @ 10" c/c
l	= 10mm @ 10" c/c
m, n	= 8mm @ 15" c/c
o	= 10mm @ 15" c/c



B. R. CONSULTANTS
KOTHI NO. 53, SECTOR 56,
SAS NAGAR

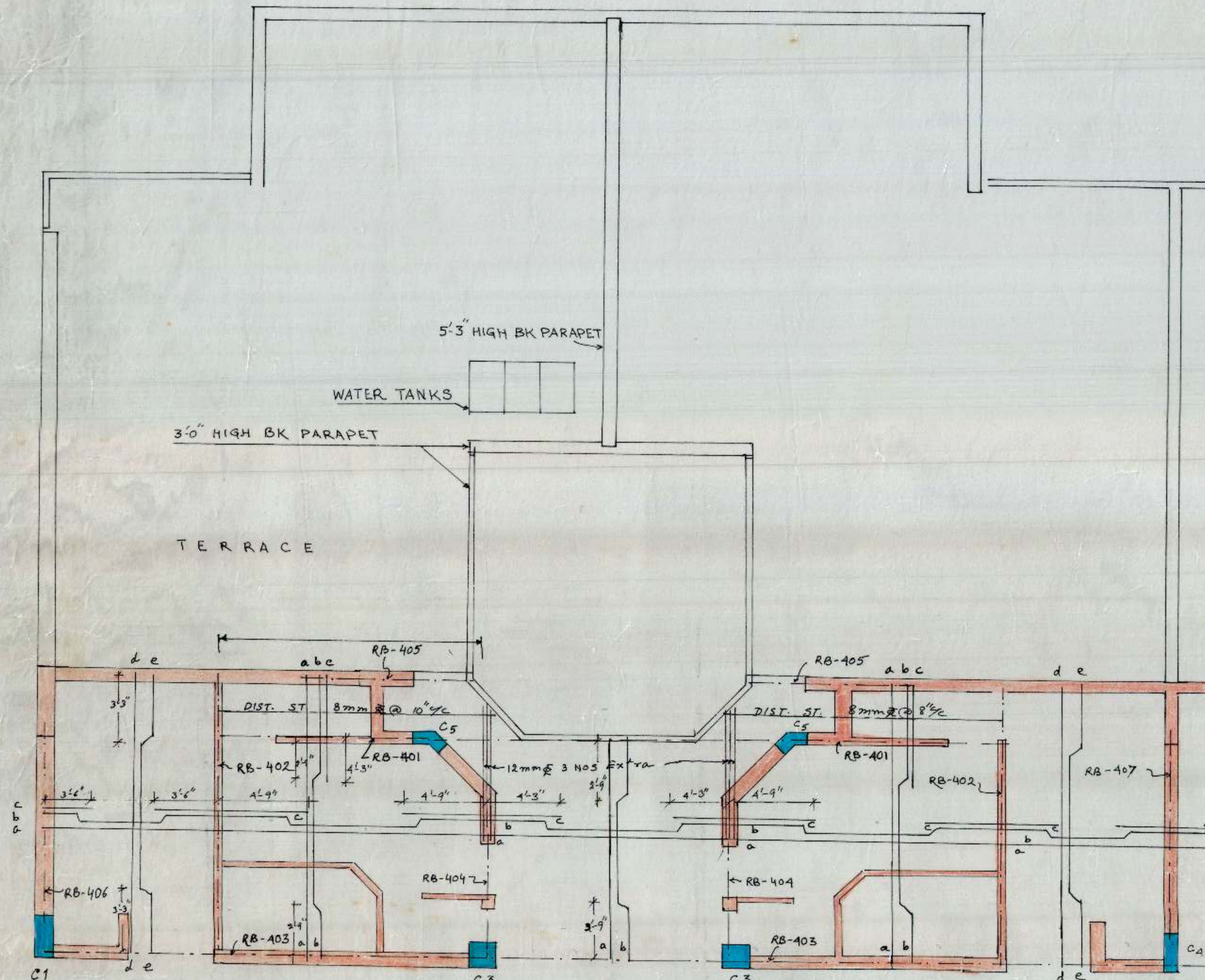
**DETAILS OF REINFORCEMENT IN
BEAMS AND SLAB AT
THIRD FLOOR LEVEL**

ENGINEER *Sanjay Lal*
B.E. CIVIL (HONS)

H.I.G. UPPER FLATS
SECTOR 45A,
CHANDIGARH

INDEX
SLAB, BEAMS B 301 TO B 316

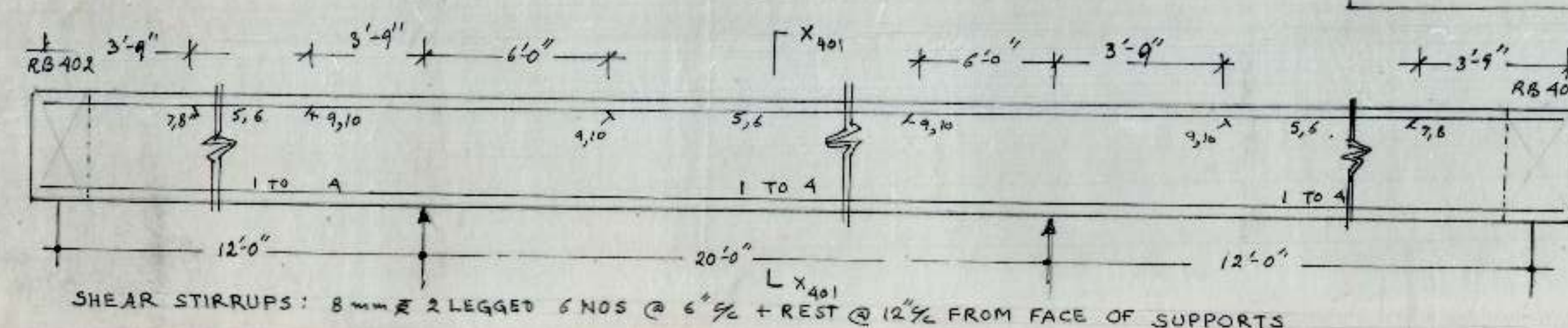
DRG. NO. CHB/HIG-4 **DATE**



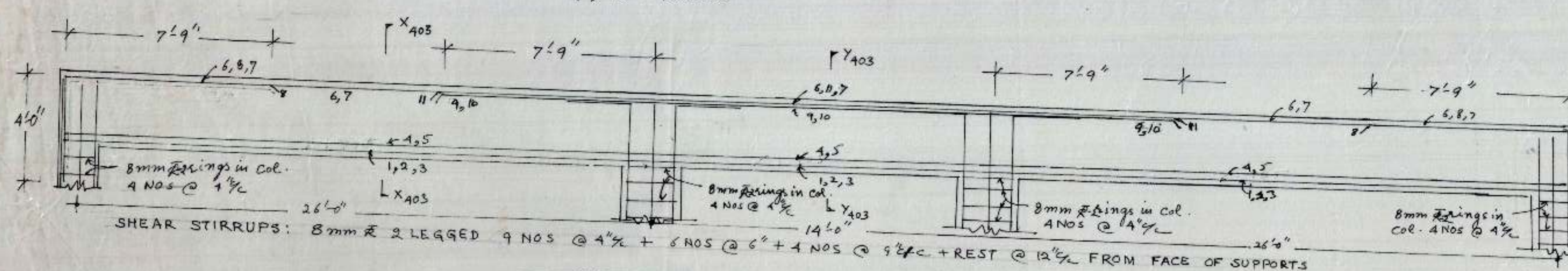
ROOF SLAB

ROOF SLAB = 4.5"
CONCRETE M150

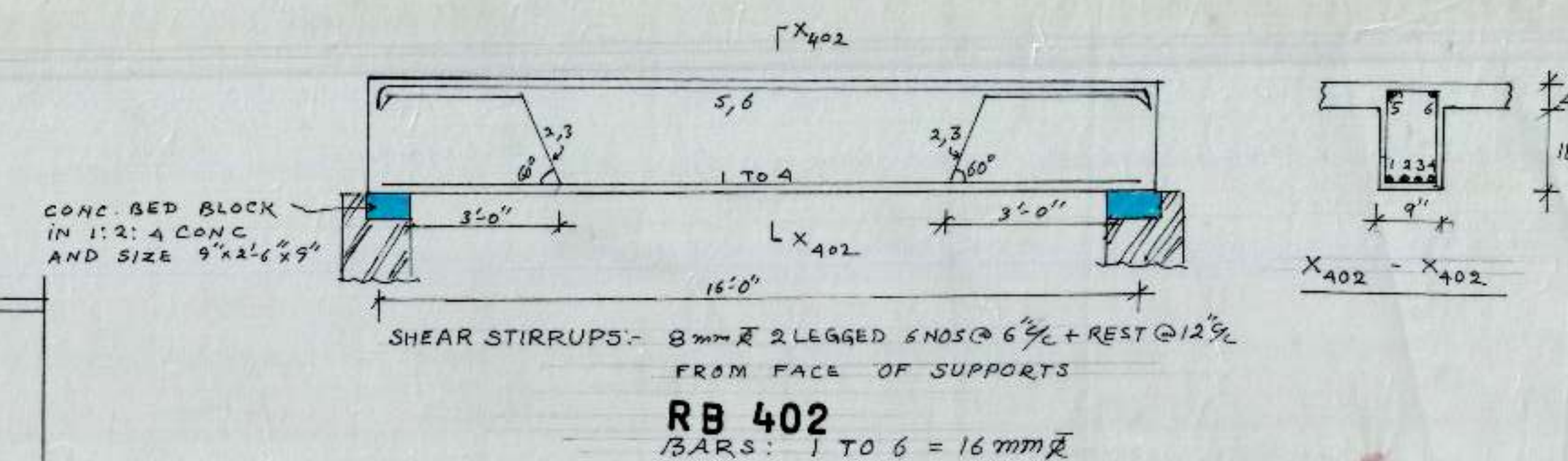
SCHEDULE OF BARS IN ROOF SLAB	
a, b	= 8mm $\bar{\phi}$ @ 14" ϕ C
c	= 10mm $\bar{\phi}$ @ 14" ϕ C
d, e	= 8mm $\bar{\phi}$ @ 16" ϕ C
DIST. ST.	= 8mm $\bar{\phi}$ @ 10" ϕ C



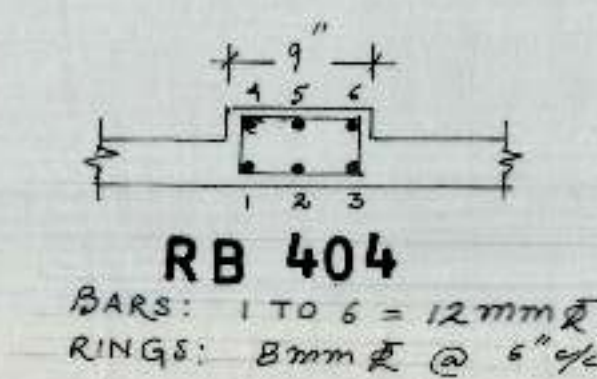
RB 401
BARS: 1 TO 8 = 12mm $\bar{\phi}$
9, 10 = 16mm $\bar{\phi}$



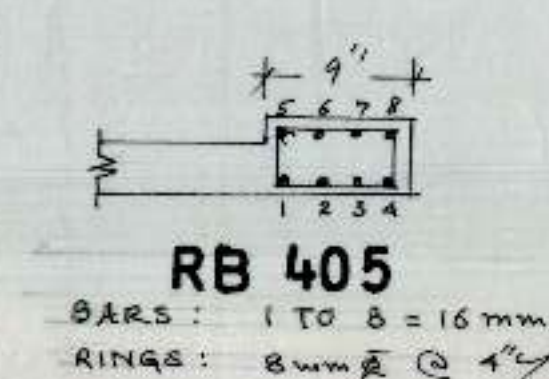
RB 403
BARS: 1 TO 11 = 20mm $\bar{\phi}$



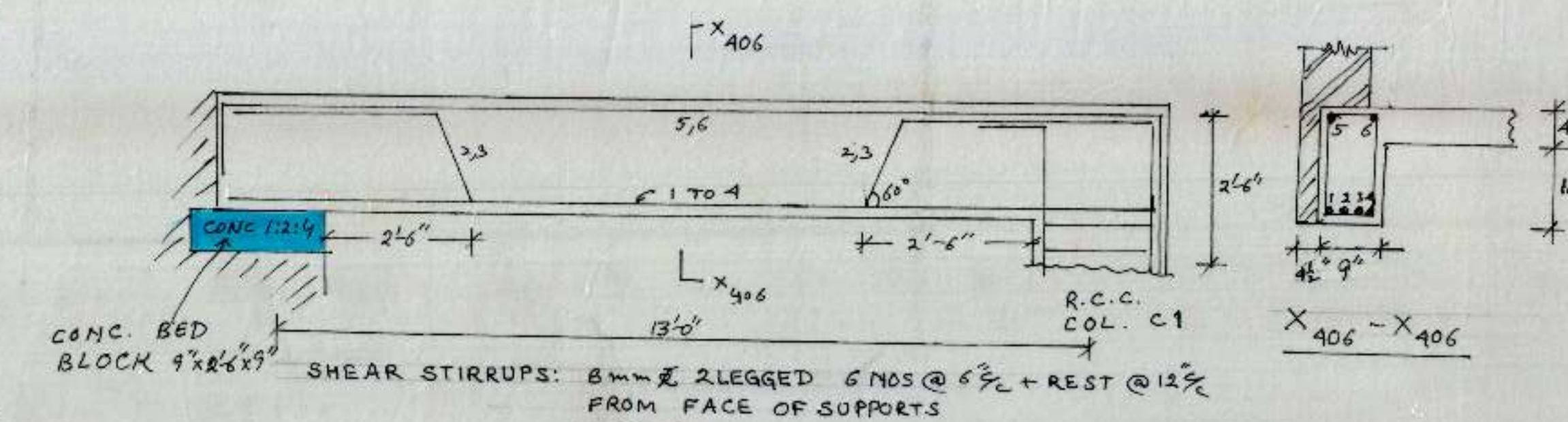
RB 402
BARS: 1 TO 6 = 16mm $\bar{\phi}$



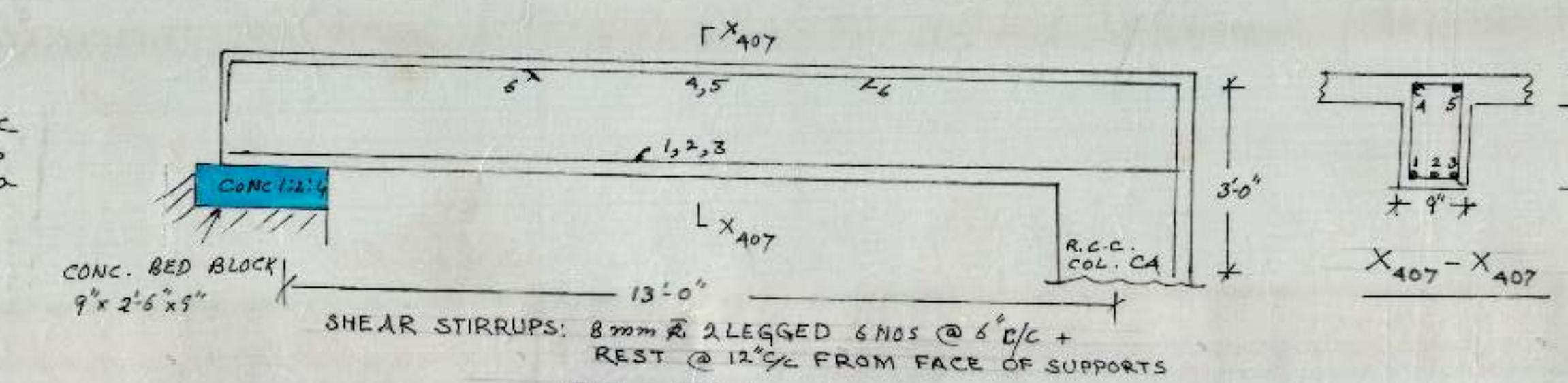
RB 404
BARS: 1 TO 6 = 12mm $\bar{\phi}$
RINGS: 8mm $\bar{\phi}$ @ 6" ϕ C



RB 405
BARS: 1 TO 8 = 16mm $\bar{\phi}$
RINGS: 8mm $\bar{\phi}$ @ 4" ϕ C



RB 406
BARS: 1 TO 6 = 12mm $\bar{\phi}$



RB 407
BARS: 1, 2, 3, 6 = 16mm $\bar{\phi}$
4, 5 = 12mm $\bar{\phi}$

NOTES

1. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED OFF.
2. FOR CENTRE LINE DIMENSIONS, REFER ARCH. DRAWINGS.
3. $\bar{\phi}$ INDICATES DIA. OF RIBBED TORSTEEL CONFORMING TO IS: 1786-1979, GRADE Fe 415.
4. PROVIDE LAP LENGTH AS 60 TIMES DIA. OF BAR.
5. CLEAR COVER IN SLAB IS 15MM.
6. CLEAR COVER IN BEAMS IS 25MM.
7. CONCRETE USED IN SLABS & BEAMS IS M150.
8. PROVIDE CONCRETE BED BLOCKS (1:2:4) 9" x 2'6" x 9" (OR 13 1/2" x 2'6" x 9") UNDER BEAM ENDS.
9. B-402 AND B-407 RESTING ON BRICK WALLS.

B R CONSULTANTS
KOTHI NO 53, SECTOR 56,
SAS. NAGAR

DETAILS OF REINFORCEMENT
BEAMS AND SLAB AT
ROOF LEVEL

ENGINEER
B.E. CIVIL (HONS)

HIG UPPER FLATS
SECTOR 45A,
CHANDIGARH

INDEX
SLAB, BEAMS RB 401 TO RB 407

DRG NO. CHB/HIG-5

DATE 18/08