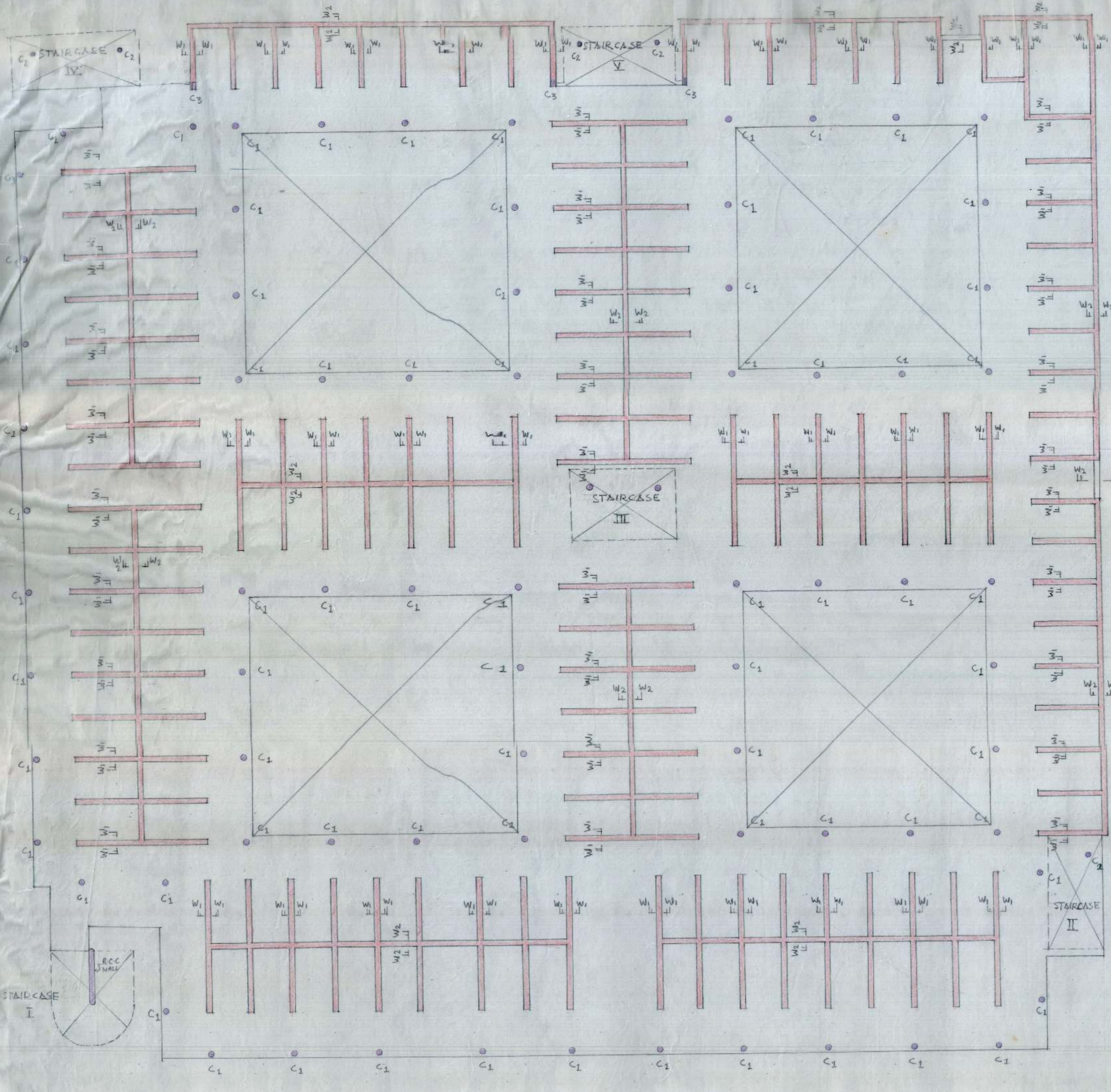


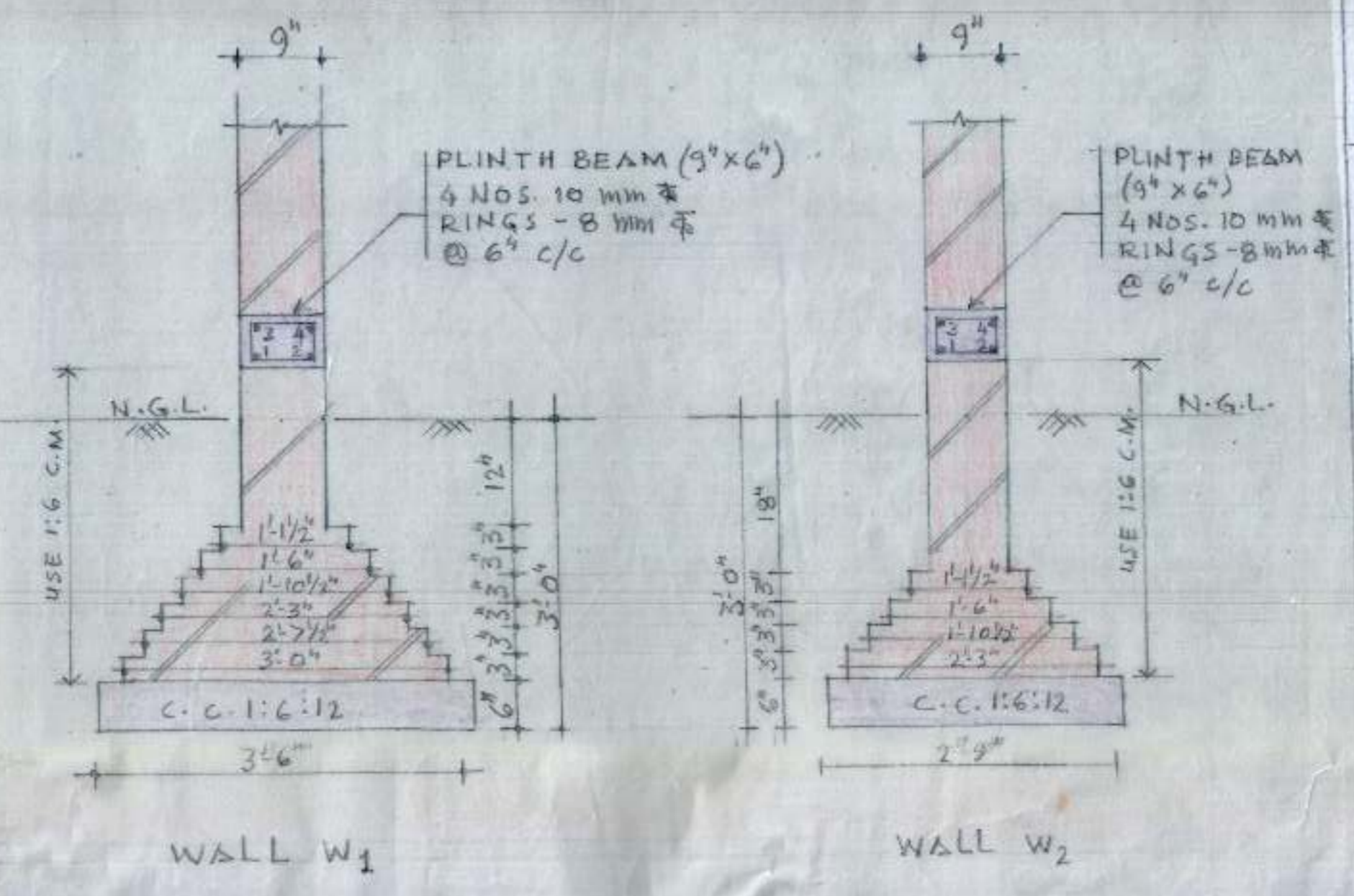
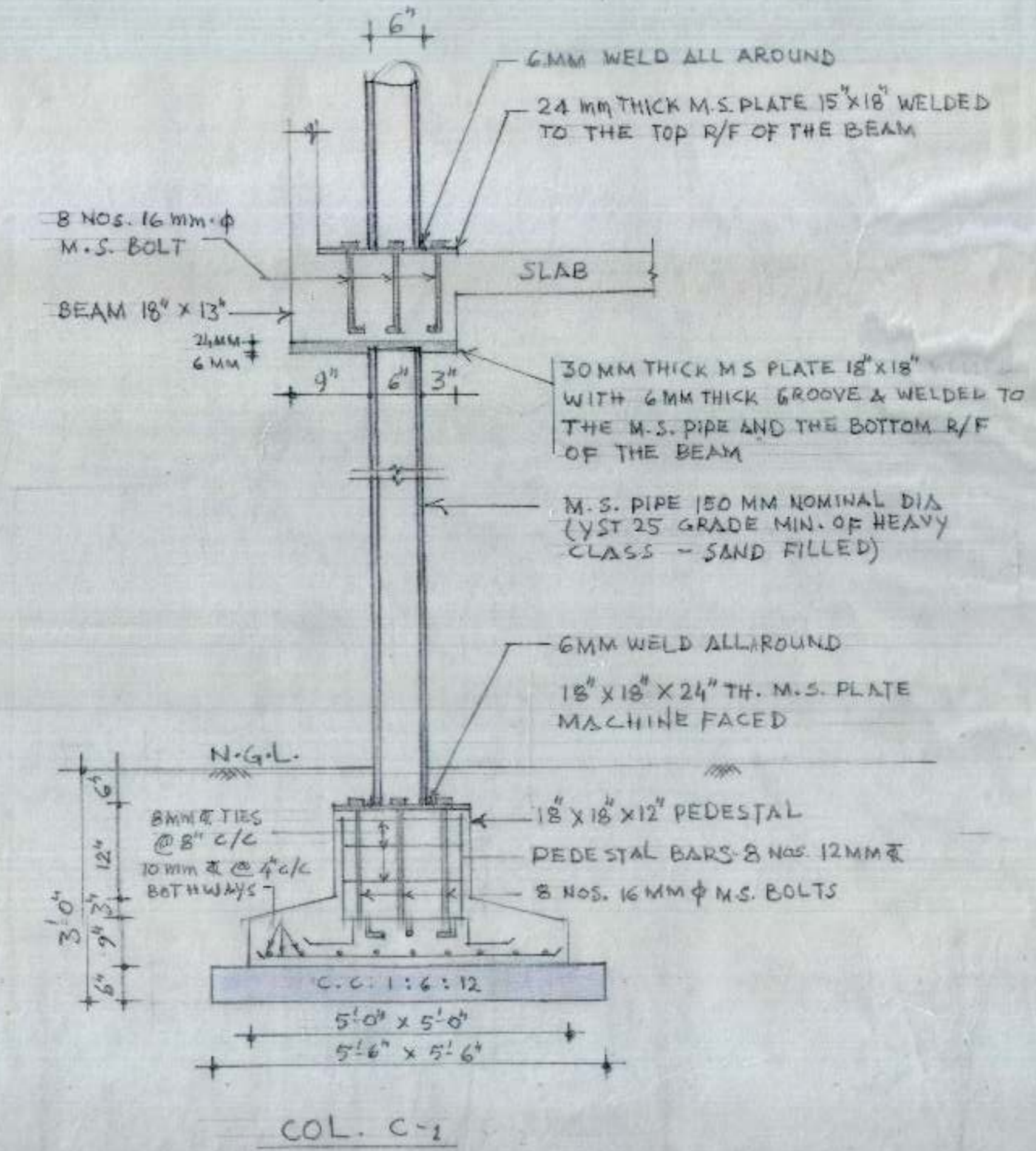
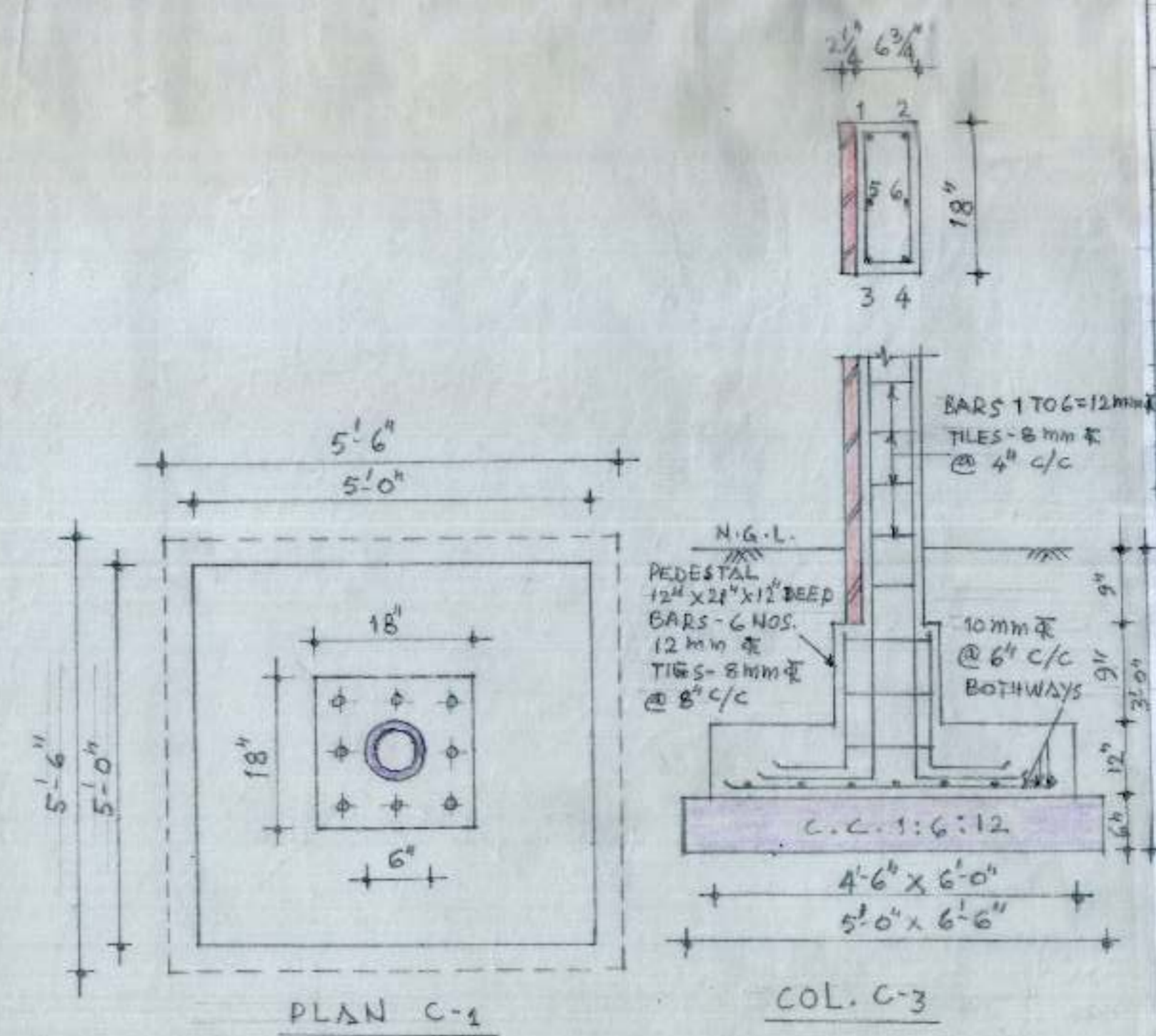
CHANDIGARH
HOUSING
BOARD

NOTES :-

1. USE M-20 CONCRETE.
2. USE TOR STEEL CONFORMING TO IS 1786-1986 FOR GRADE Fe 415.
3. FOUNDATION SHALL BE LAID OVER A WELL COMPACTED SUB GRADE. ALL LOOSE PATCHES, BURDOWS, ORGANIC MATTER SHALL BE TAKEN OUT AND RESULTING SPACE BE FILLED WITH P.C.C. 1:8:16.
4. P.C.C. SHALL BE MACHINE MIXED.
5. SPACE LEFT BETWEEN R.C.C. COL. AND BRICK WALL FOUNDATION SHALL BE FILLED WITH P.C.C. TO GIVE A HORIZONTAL SURFACE.
6. CEMENT MORTAR TO BE USED FOR BRICK WALL SHALL BE SPECIFIED ON DRG.
7. NET SAFE BEARING OF 10T/M² HAS BEEN TAKEN FOR DESIGN OF FOUNDATION WHICH SHOULD BE ENSURED AT SITE.
8. FOR DETAILED DIMENSION REFER ARCH DRGS. AND FOR STRUCTURAL MEMBERS DIMENSIONS GIVEN IN STR. DRGS. SHOULD BE FOLLOWED.
9. FOR LAYING OF R.C.C. AND PLACING OF REINFORCEMENT ALL CODAL PROVISIONS LAID IN IS 456-2000 SHOULD BE STRICTLY FOLLOWED TO ENSURE QUALITY AS PER BIS STANDARDS.
10. DISCREPANCIES BETWEEN DETAILS SHOWN IN THIS DRG. IF ANY BE GOT CLARIFIED FROM THIS OFFICE BEFORE EXECUTION.
11. DIMENSIONS ARE TO BE READ AND NOT SCALED OUT.
12. ALL FOOTINGS SHOULD REST ON FIRM AND CONSOLIDATED SOIL.
13. ALL JAMES IN BRICK MASONRY ADJOINING OPENINGS IN BRICK WALL SHALL BE CONSTRUCTED IN 1:4 C.M. PROVIDE UNDER CRANK BARS OF 8 mm Φ @ 12" c/c (MIN. 2 NOS.)



KEY PLAN (GROUND FLOOR)



EE-IV

DRAWN BY

A.E.D.

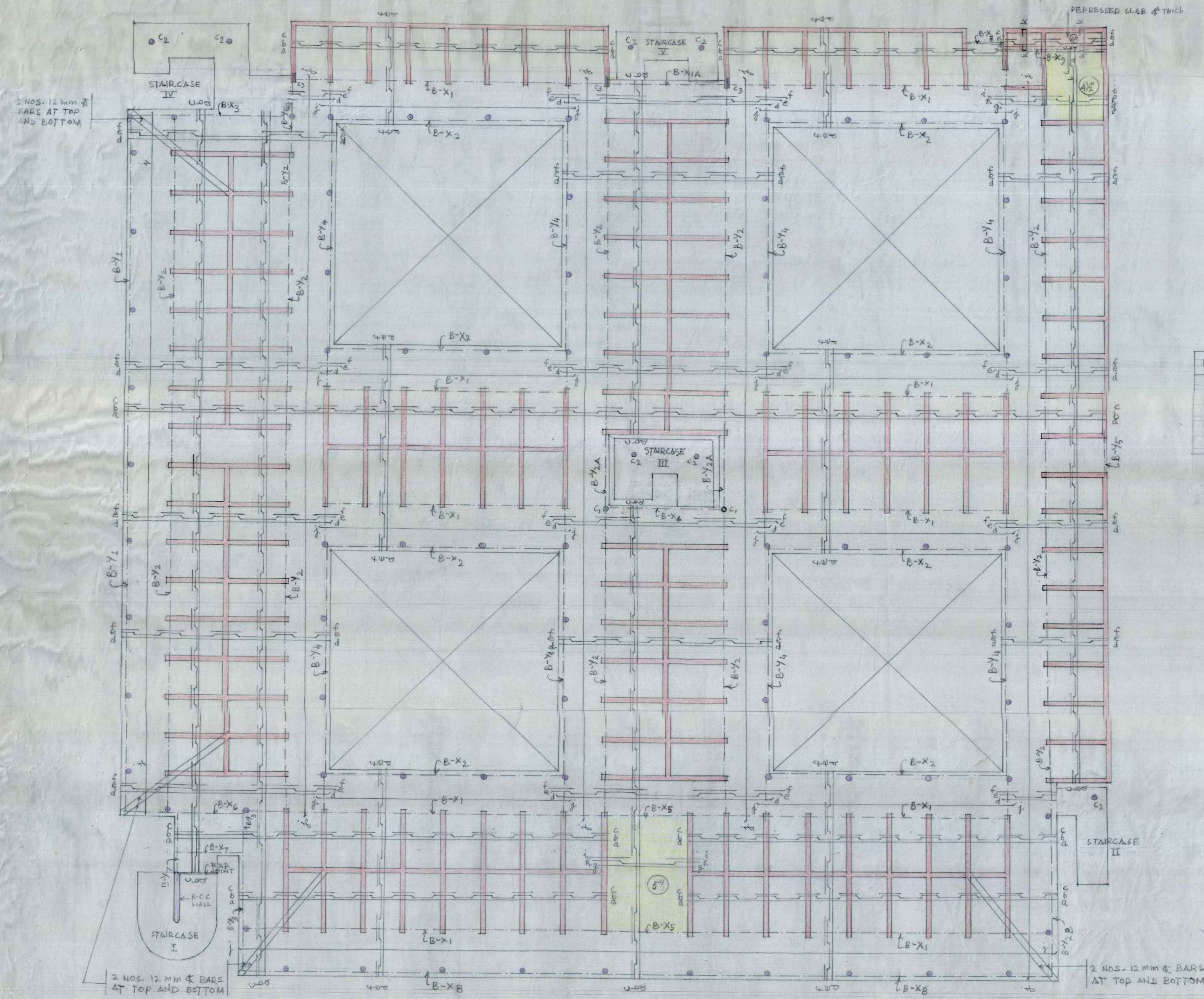
KEY PLAN (GROUND FLOOR)
COL. C1, C3 & WALLS. W1 & W2

BOOTHS FOR REHRI WORKERS
SEC. 41-C, CHANDIGARH (288 NOS)

DRG. No.	JOB No.	DATE :-
01	134	SEP. 2004.

CHANDIGARH
HOUSING
BOARD

NOTE :-
FOR STRUCTURAL NOTES REFER
DRG. No. 01 AND JOB No. 134.



R/F IN G.F. ROOF SLAB (4" Thick)					
a	b	c	8 mm	⊕	14" c/c
d	e	f	8 mm	⊕	16" c/c
g	h	i	10 mm	⊕	8" c/c
j	k		8 mm	⊕	8" c/c

STRUCTURAL ARRANGEMENT FOR GROUND FLOOR ROOF SLAB 4" THICK (EXCEPT WHERE NOT MENTIONED)

E.E. IV

PSB
DRAWN BY

A.E.D.
A.E.D.

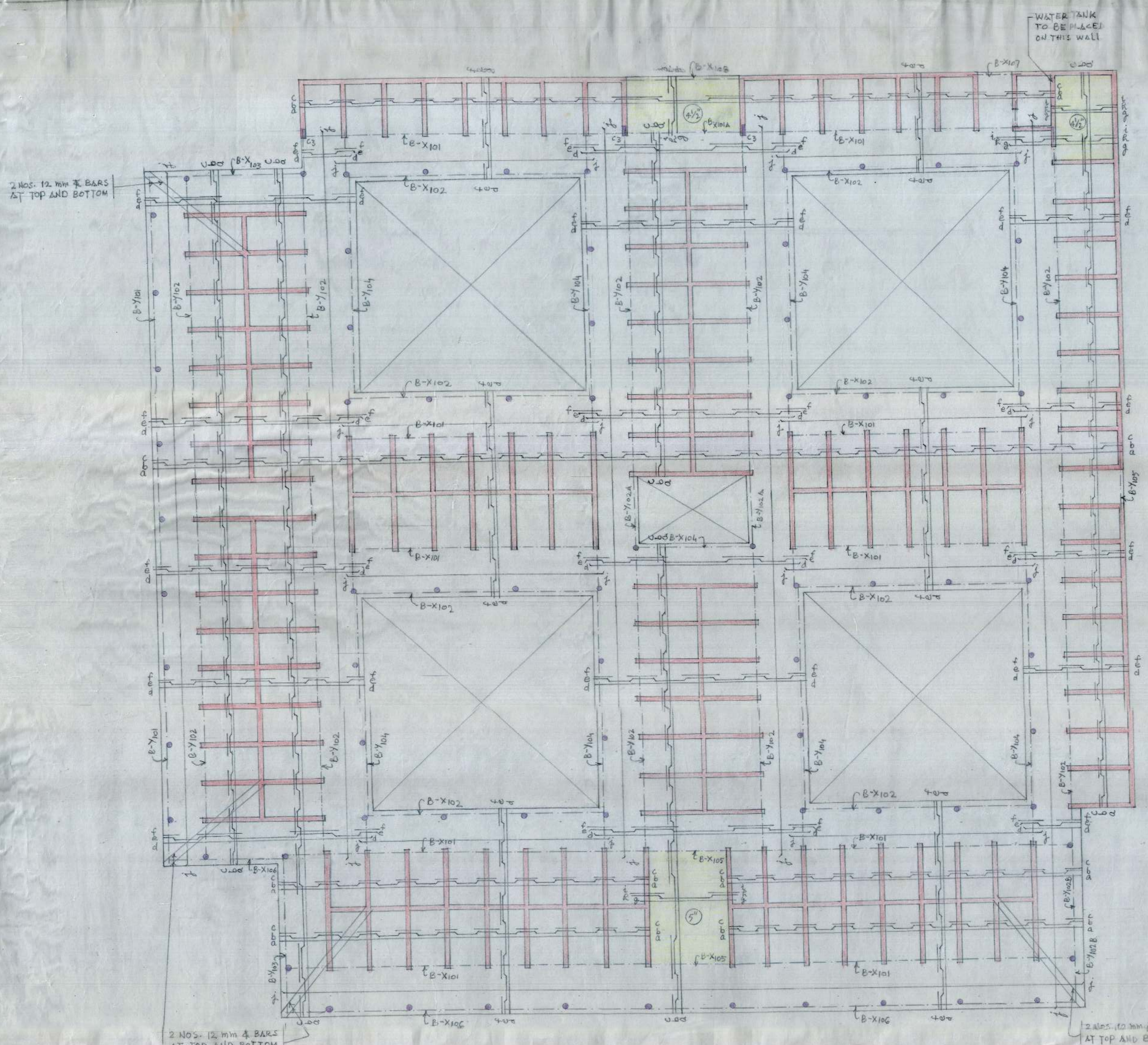
STRUCTURAL ARRANGEMENT FOR
GROUND FLOOR ROOF SLAB

BOOTH FOR REHRI WORKERS
SEC. 41-C, CHANDIGARH (288 NOS.)

DRG. No.	JOB No.	DATE
02	134	SEP. 2004

CHANDIGARH
HOUSING
BOARD

NOTE :-
FOR STRUCTURAL NOTES REFER DRG.
NO. 01 AND JOB NO. 134.



R/F IN F.F. ROOF SLAB (4" THICK)						
a	b	c	8 mm	Φ	@	14" c/c
d	e	f	8 mm	Φ	@	16" c/c
g	h	i	10 mm	Φ	@	8" c/c
j	k		8 mm	Φ	@	8" c/c

STRUCTURAL ARRANGEMENT FOR FIRST FLOOR ROOF SLAB 4" THICK (EXCEPT WHERE NOT MENTIONED)

EE-IV

DRAWN BY

A.E.D.

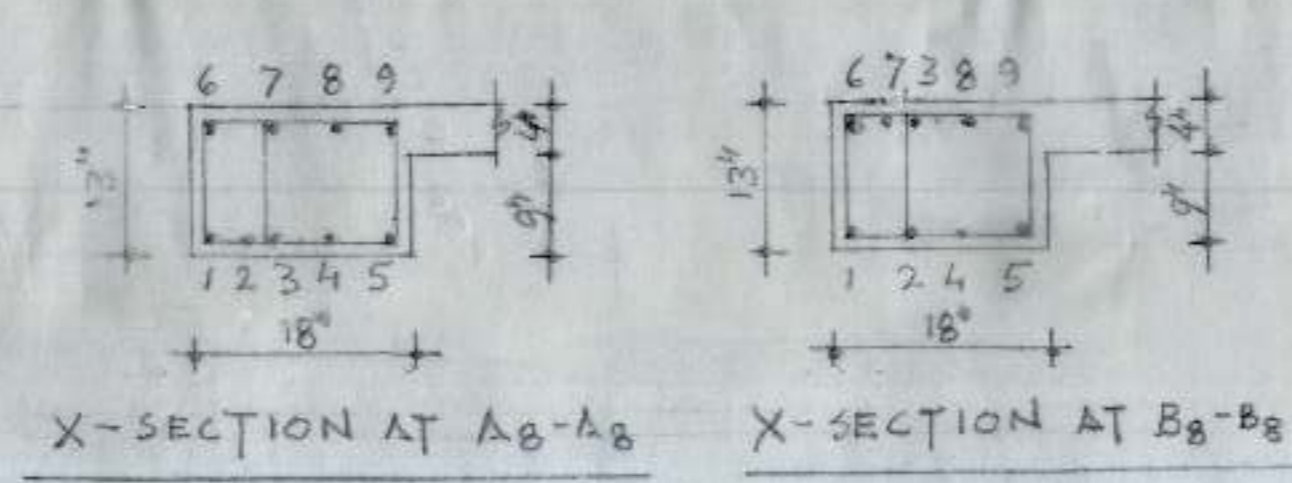
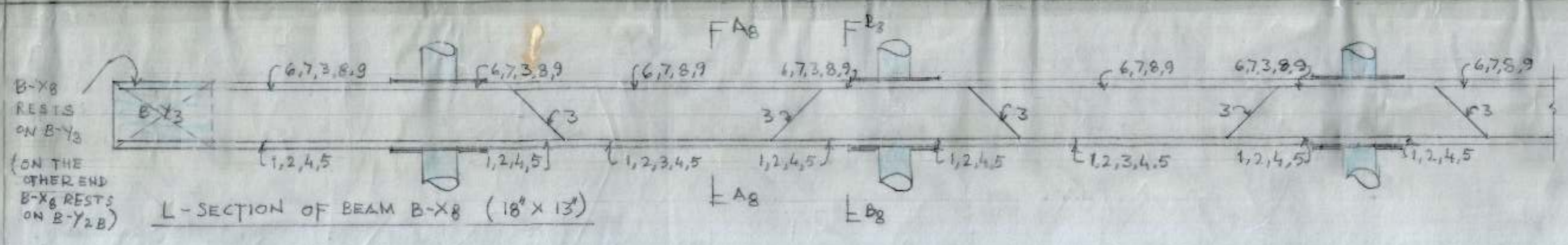
STRUCTURAL ARRANGEMENT FOR
FIRST FLOOR ROOF SLAB

BOOTHS FOR RETIREE WORKERS IN
SECTOR -41-C, CHANDIGARH. (288 NOS.)

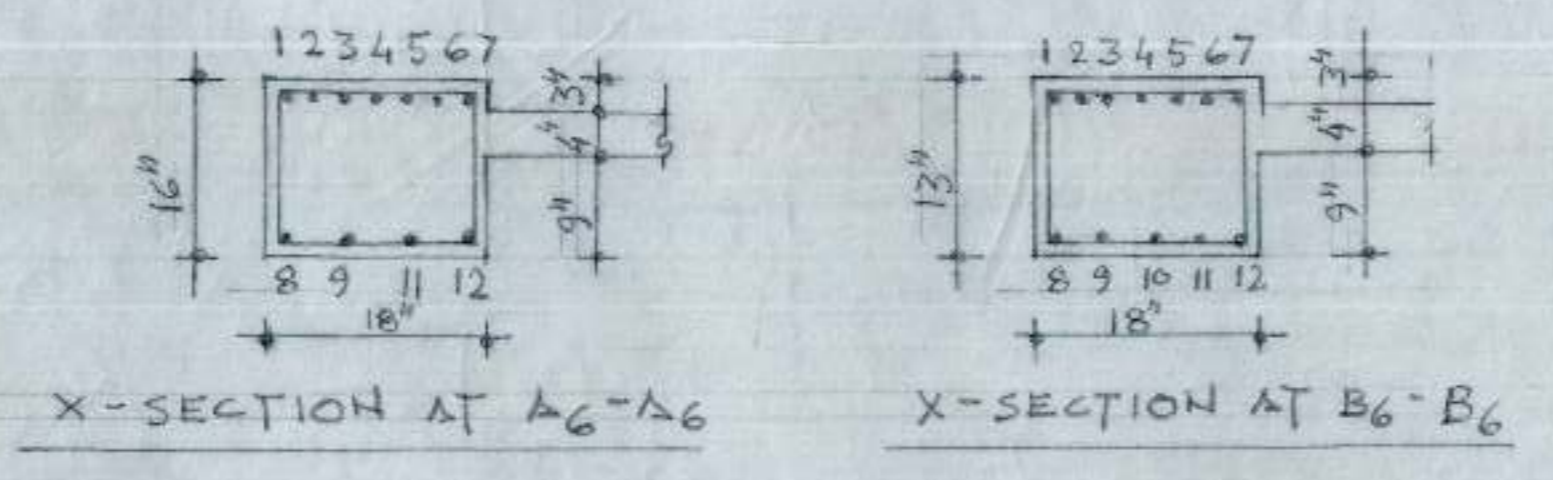
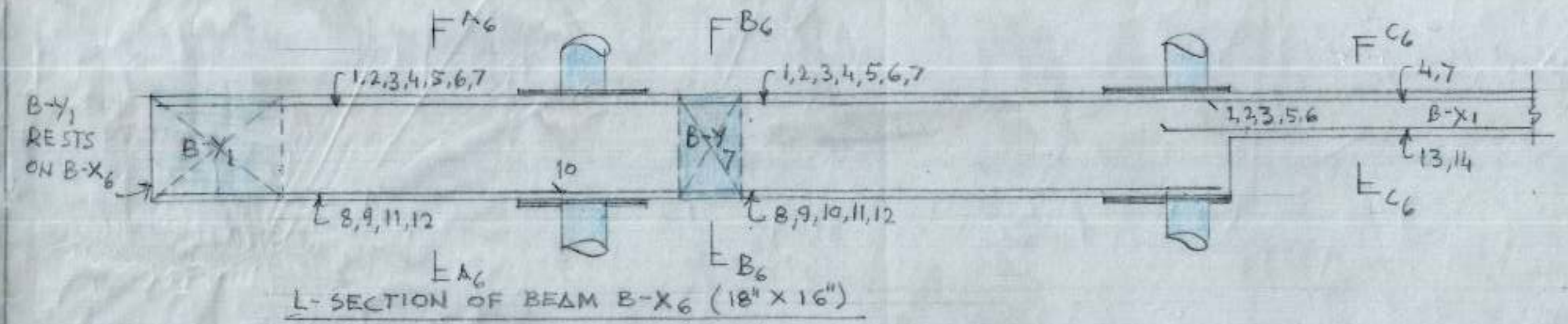
DRG. No.
03

JOB No.
134

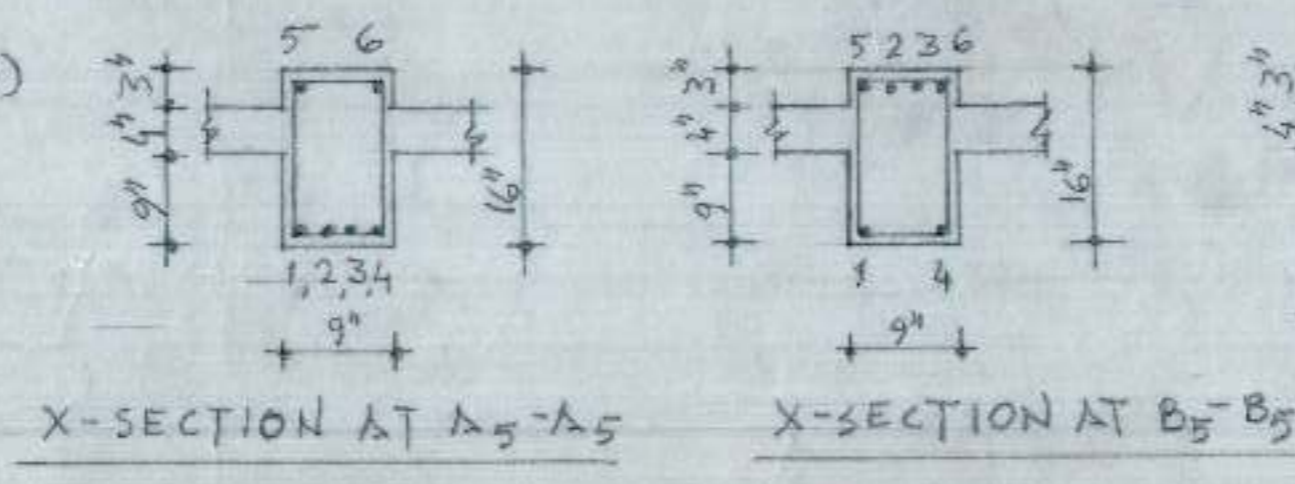
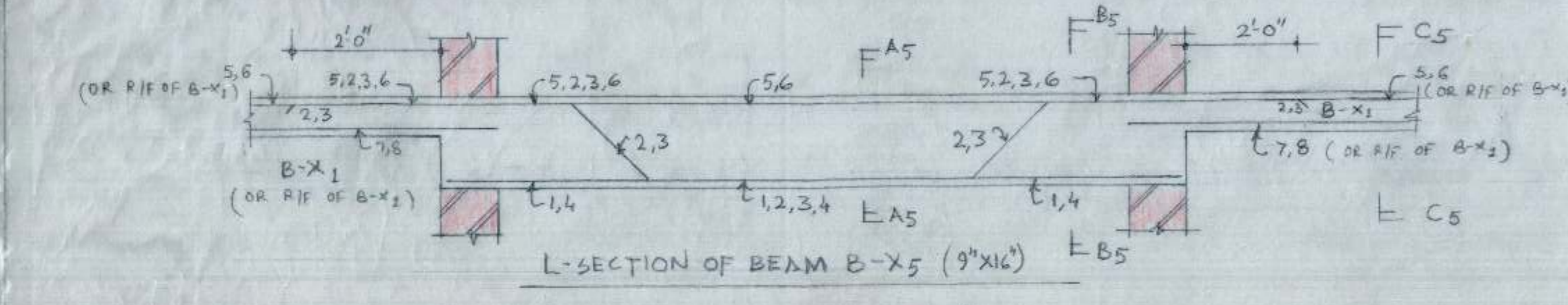
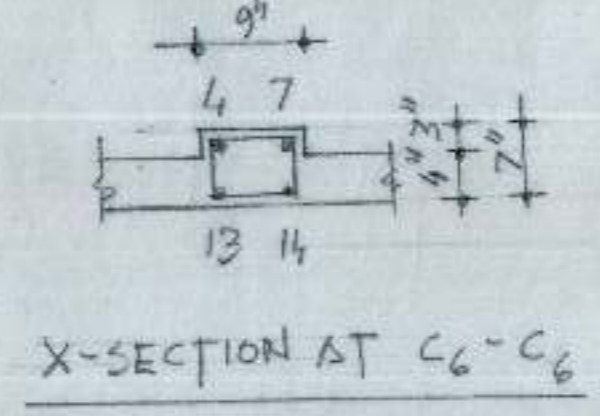
DATE:-
OCT. 2004



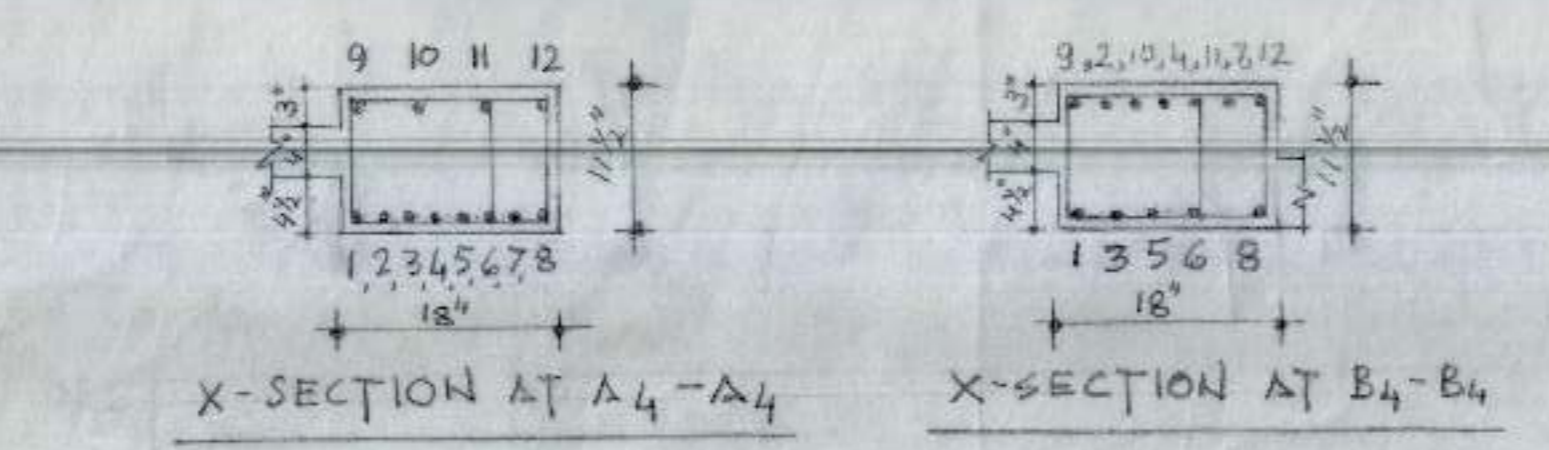
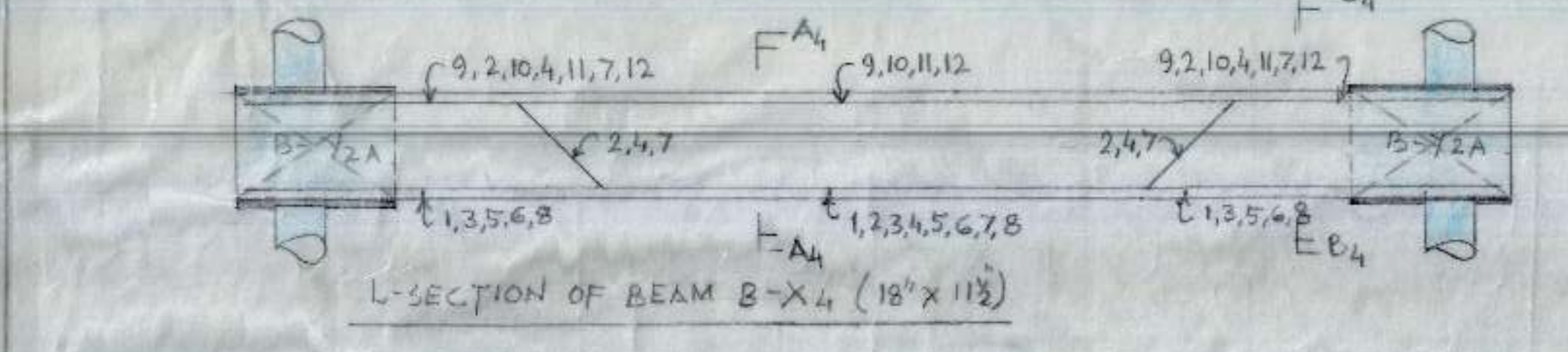
R/F IN BEAM B-X8
1 TO 9 = 16 mm Φ
STPS.



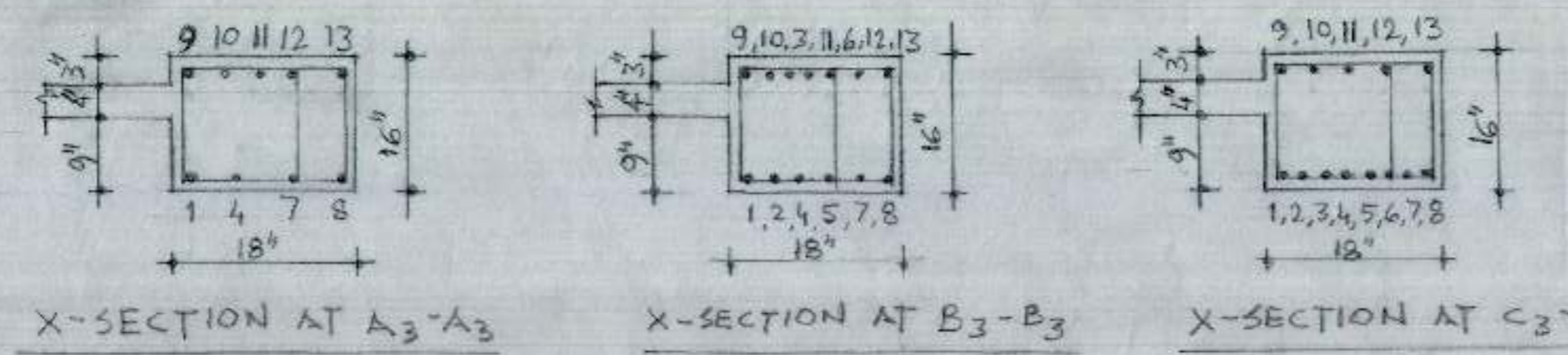
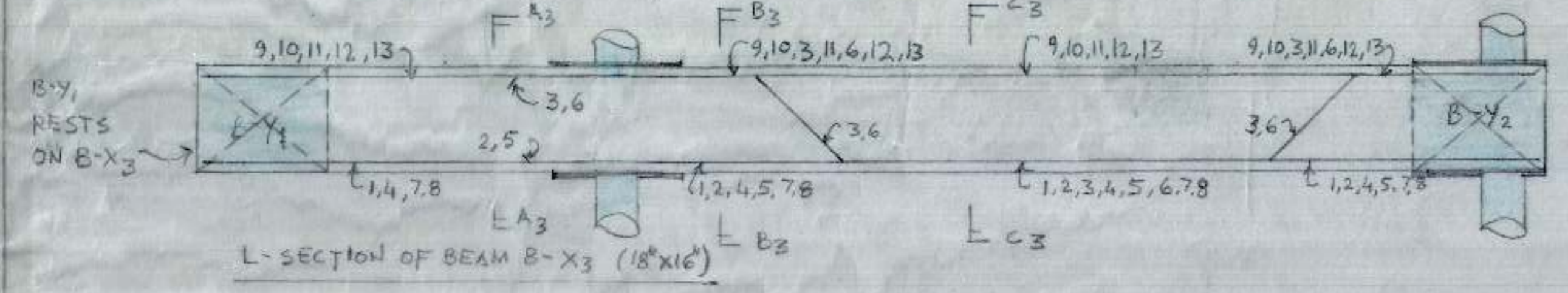
R/F IN BEAM B-X6
1 TO 14 = 16 mm Φ
STPS.



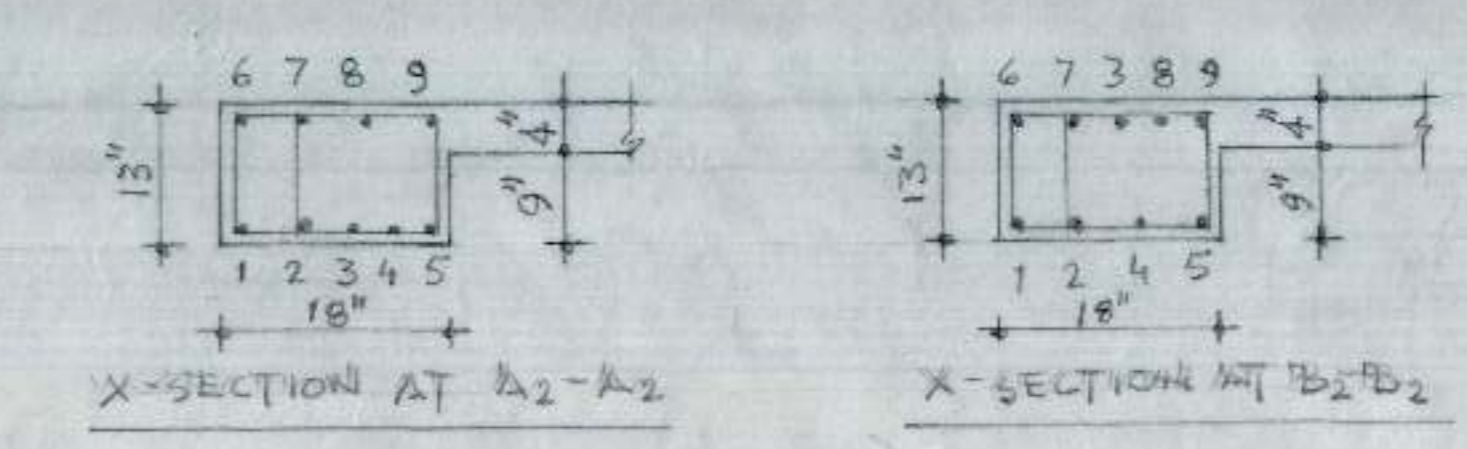
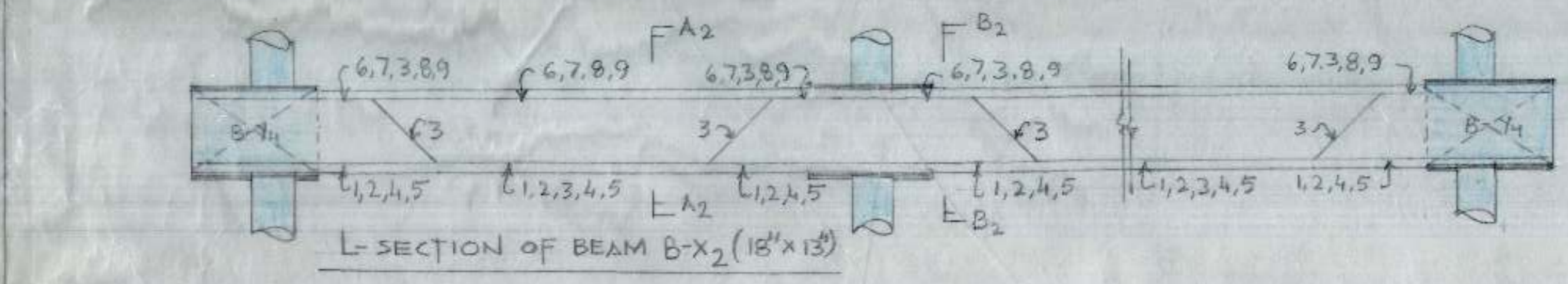
R/F IN BEAM B-X5
1 TO 8 = 16 mm Φ
STPS. 'C'



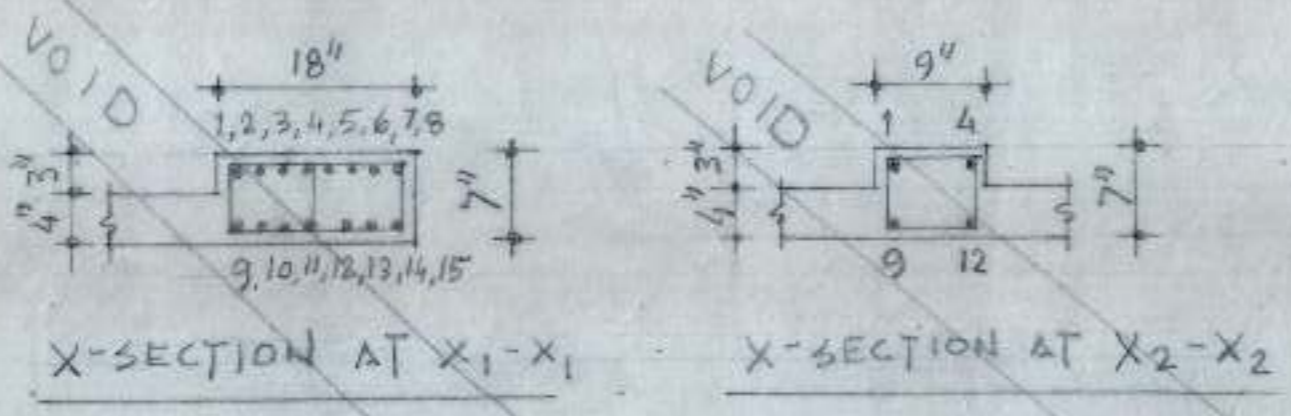
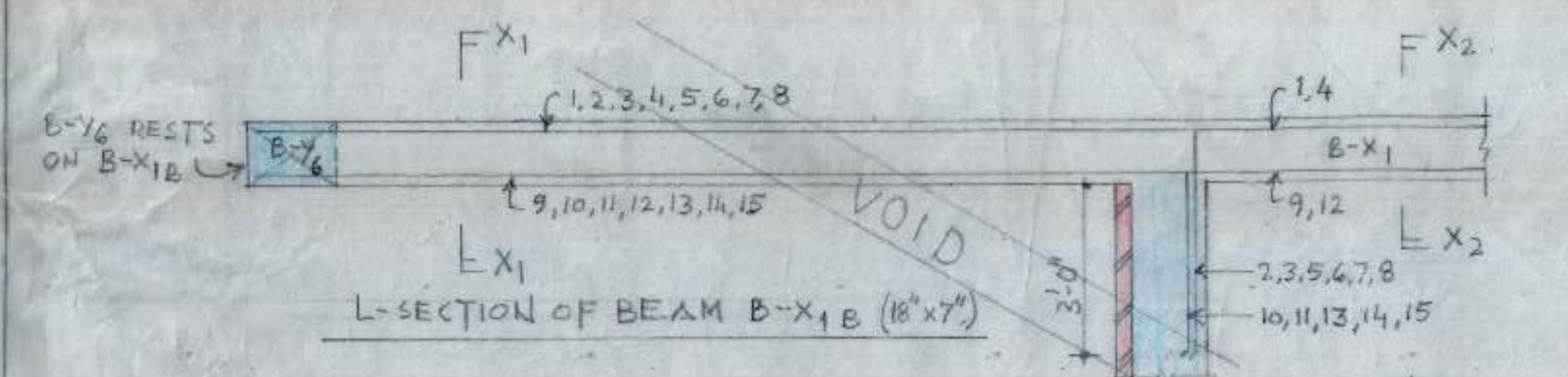
R/F IN BEAM B-X4
1,2,4,7,8 = 20 mm Φ
3,5,6,9,10,11,12 = 16 mm Φ
STPS. 'A'



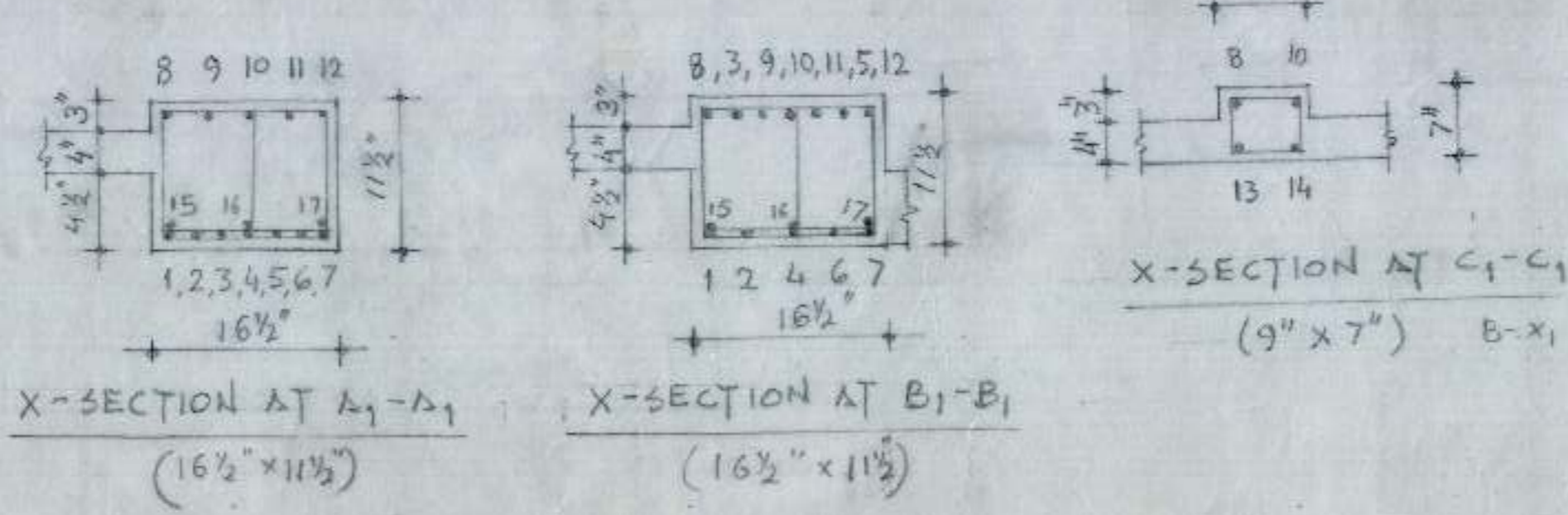
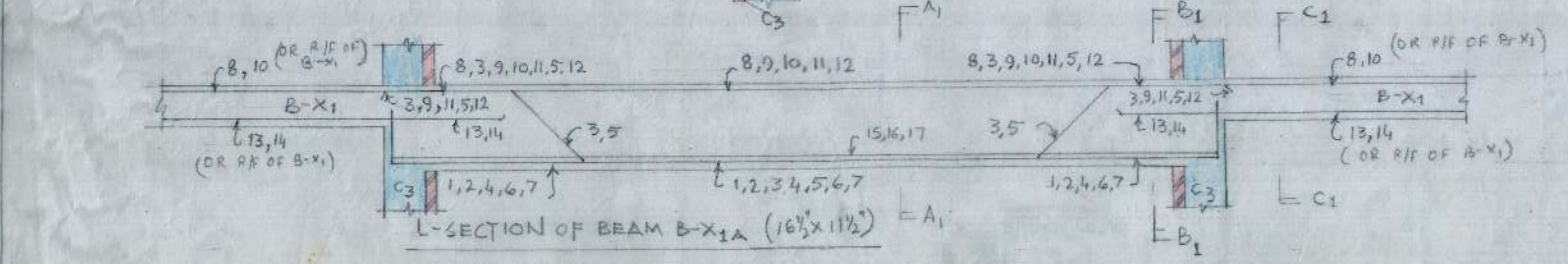
R/F IN BEAM B-X3
1 TO 13 = 20 mm Φ
STPS. 'A'



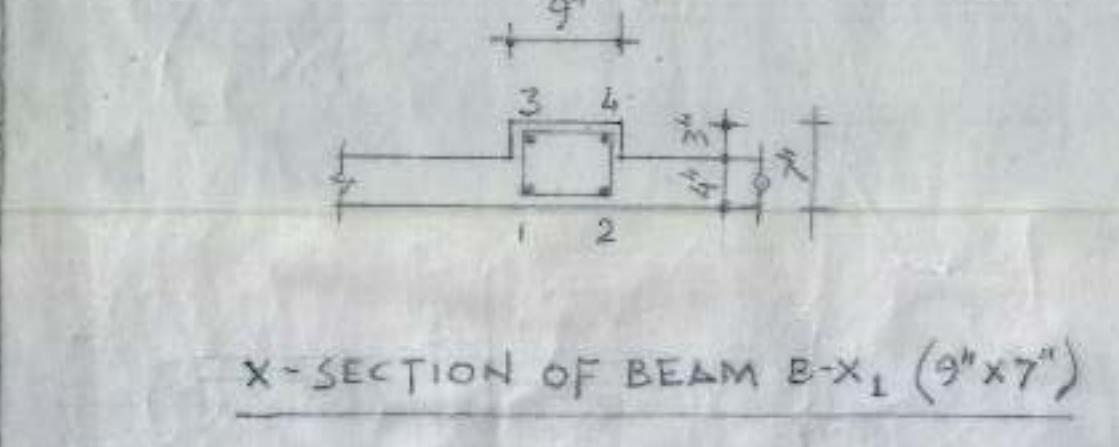
R/F IN BEAM B-X2
1 TO 9 = 16 mm Φ
STPS. 'A'



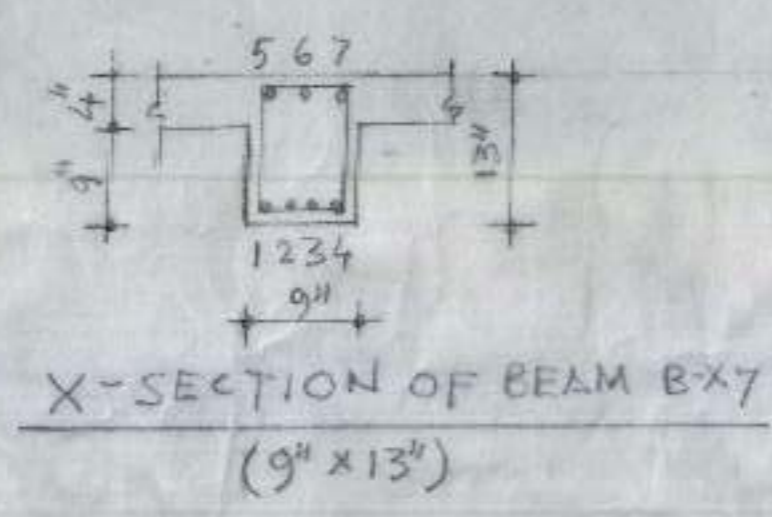
R/F IN BEAM B-X1B
1,4,5,8,10,15 = 16 mm Φ
2,3,6,7 = 20 mm Φ
STPS. 'D' VOID



S/F IN BEAM B-X1A
1 TO 17 = 16 mm Φ
STPS. 'A'



R/F IN BEAM B-X1
1 TO 4 = 16 mm Φ
STPS. 'B'



R/F IN BEAM B-X7
1 TO 7 = 16 mm Φ
STPS. 'C'

CHANDIGARH
HOUSING
BOARD

NOTE :-
FOR STRUCTURAL DESIGN REFER DRG. NO. 01
AND JOB NO. 134.

SHEAR STPS.

- STP. 'A' 8 mm Φ 4-LEGGED VERT. STPS.
7 NOS. @ 4" c/c + REST @ 6" c/c
FROM SUPPORT.
- STP. 'B' 8 mm Φ 2-LEGGED VERT. STPS.
@ 3 1/2" c/c TH. OUT.
- STP. 'C' 8 mm Φ 2-LEGGED VERT. STPS.
7 NOS. @ 4" c/c + REST
@ 6" c/c FROM SUPPORT.
- STP. 'D' 8 mm Φ 4-LEGGED VERT. STPS.
@ 4" c/c TH. OUT.
- STP. 'E' 8 mm Φ 2-LEGGED VERT. STPS.
8 NOS. @ 4 1/2" c/c + REST
@ 9" c/c FROM SUPPORT.

B
E.E. IV

FOR
DRAWN BY

Bhupinder
A.E.D.

GROUND FLOOR & FIRST FLOOR BEAMS

BOOTHS FOR RETRI WORKERS
SECTOR - 41-C, CHANDIGARH
(288 NOS.)

DRG. No. 04	JOB NO. 134	DATE :- NOV. 2004
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CHANDIGARH HOUSING BOARD

NOTE:- FOR STRUCTURAL NOTES REFER DRG. NO. 01 AND JOB NO 134

BEAMS EQUIVALENCE TABLE

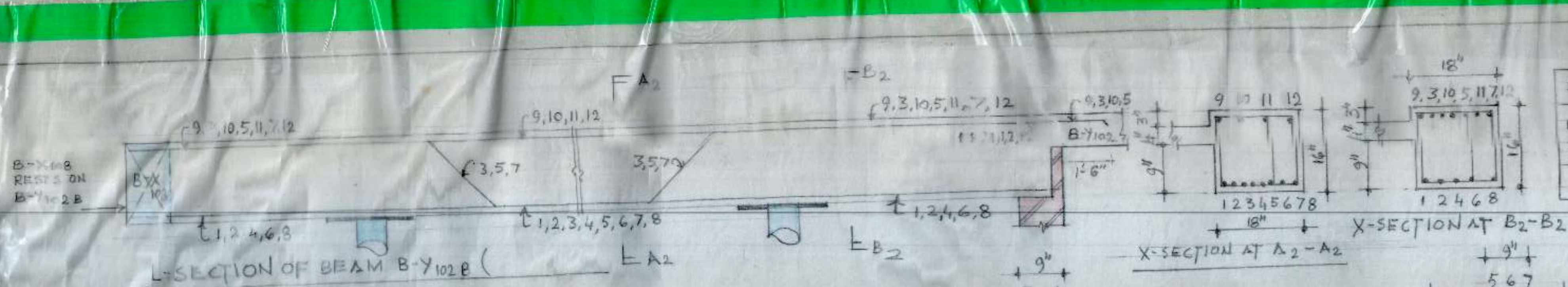
GROUND FLOOR BEAMS:-
 B-X8 = B-X1
 B-Y1 = B-X8
 B-Y2 = B-X1
 B-Y5 = B-X1

FIRST FLOOR BEAMS:-

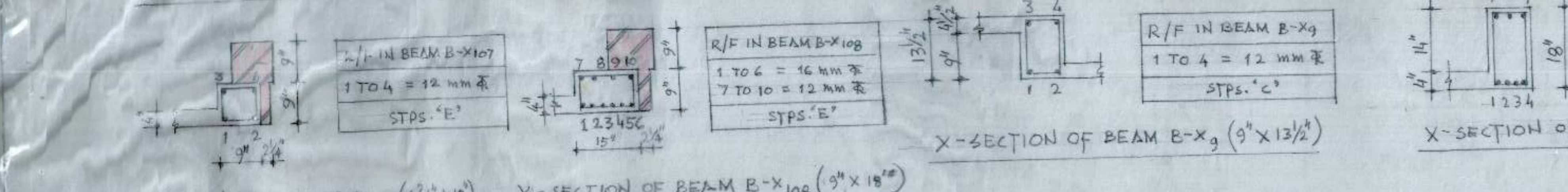
B-X101 = B-X1
 B-Y101 = B-Y1
 B-X101A = B-X101
 B-Y102 = B-Y2
 B-X102 = B-X2
 B-Y104 = B-Y4
 B-X105 = B-X5
 B-Y105 = B-Y5
 B-X108 = B-X8
 B-Y106 = DOES NOT EXIST
 B-Y107 = DOES NOT EXIST

SHEAR STPS.

STP. 'A'	8 mm Φ 4-LEGGED VERT. STPS. 7 NOS. @ 4" c/c + REST @ 6" c/c FROM SUPPORT.
STP. 'B'	8 mm Φ 2-LEGGED VERT. STPS. @ 3 1/2" c/c TH. OUT.
STP. 'C'	8 mm Φ 2-LEGGED VERT. STPS. 7 NOS. @ 4" c/c + REST @ 6" c/c FROM SUPPORT.
STP. 'D'	8 mm Φ 4-LEGGED VERT. STPS. @ 4" c/c TH. OUT.
STP. 'E'	8 mm Φ 2-LEGGED VERT. STPS. 8 NOS. @ 4 1/2" c/c + REST @ 9" c/c FROM SUPPORT.



R/F IN BEAM B-Y102B
 1,2,7,8,9,10,11,12 = 20 mm Φ
 3,4,5,6 = 16 mm Φ
 STPS. 'A'



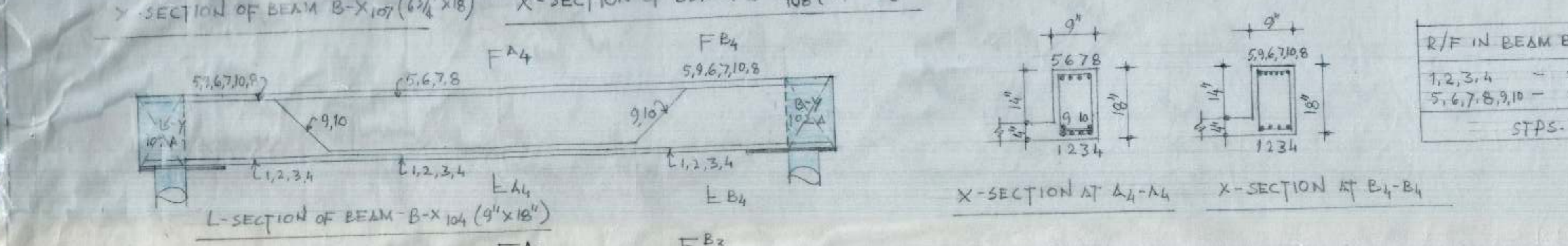
R/F IN BEAM B-X107
 1 TO 4 = 12 mm Φ
 STPS. 'E'

R/F IN BEAM B-X108
 1 TO 6 = 16 mm Φ
 7 TO 10 = 12 mm Φ
 STPS. 'E'

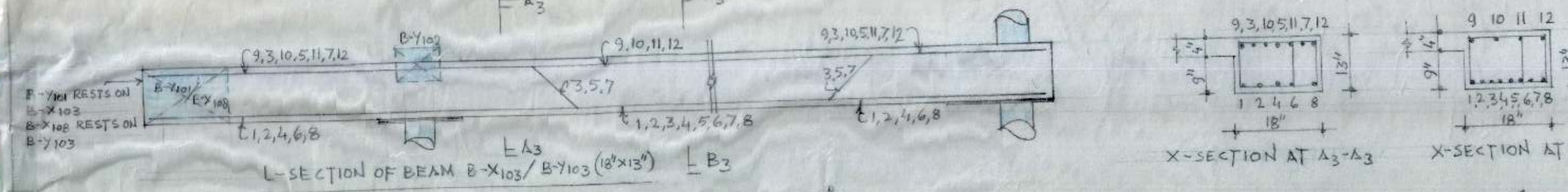
R/F IN BEAM B-X9
 1 TO 4 = 12 mm Φ
 STPS. 'C'

R/F IN BEAM B-Y102A
 1 TO 7 = 16 mm Φ
 STPS. 'E'

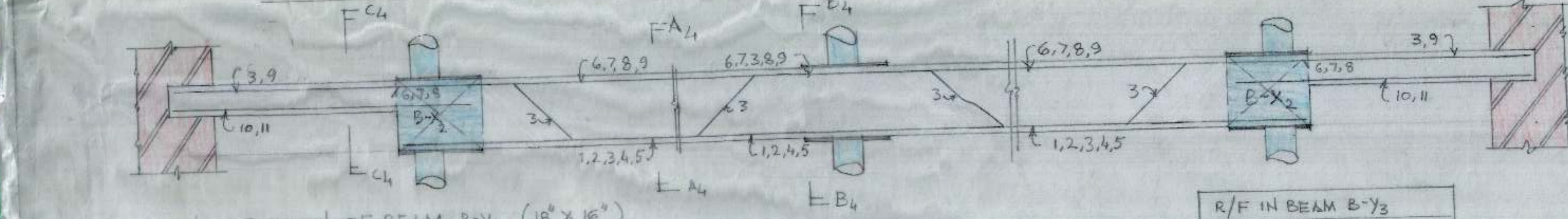
R/F IN BEAM B-Y6
 1 TO 6 = 16 mm Φ
 STPS.



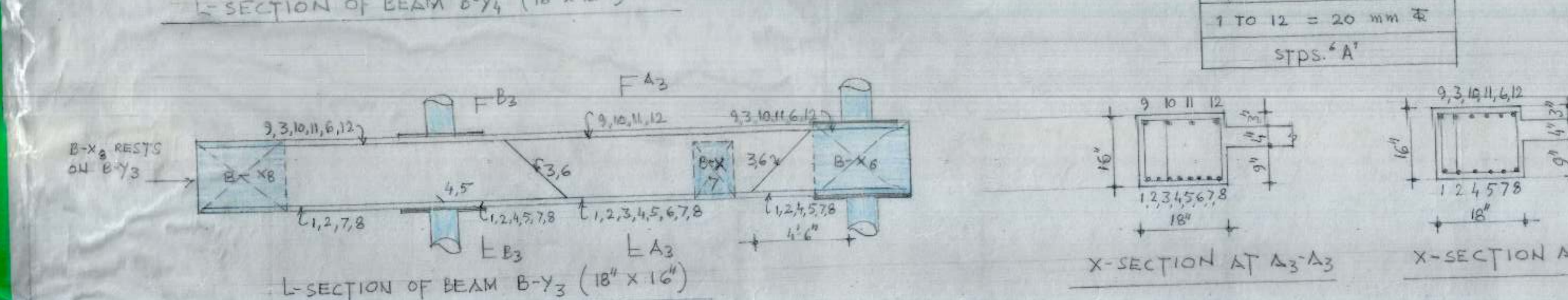
R/F IN BEAM B-X104
 1,2,3,4 = 20 mm Φ
 5,6,7,8,9,10 = 16 mm Φ
 STPS. 'C'



R/F IN BEAM B-X103
 1,2,7,8,9,10,11,12 = 20 mm Φ
 3,4,5,6 = 16 mm Φ
 STPS. 'A'

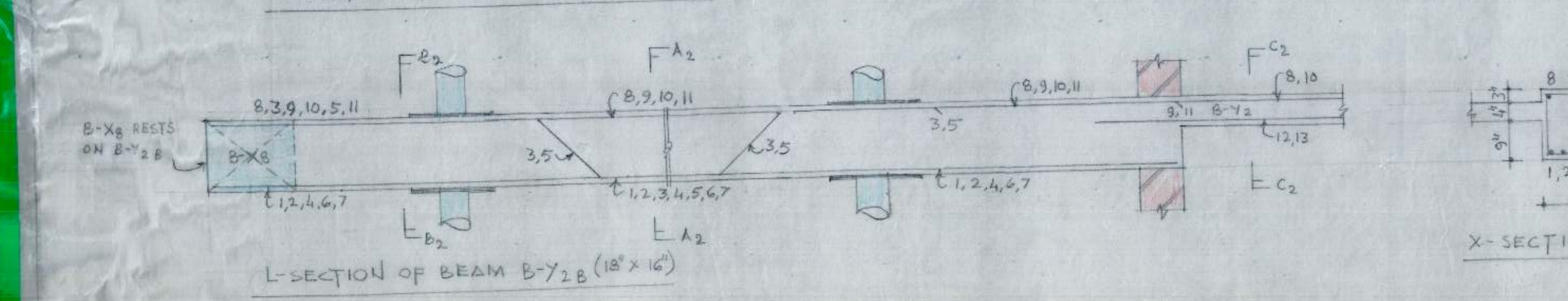


R/F IN BEAM B-Y4
 1 TO 9 = 16 mm Φ
 STPS. 'A'

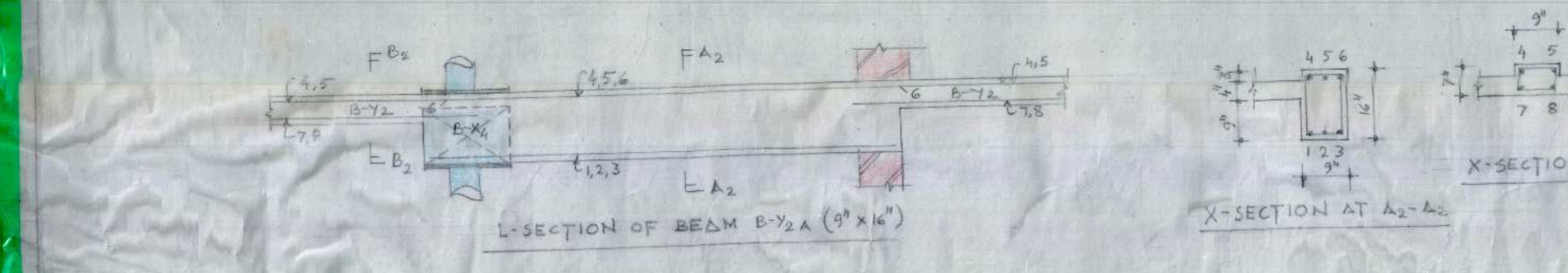


R/F IN BEAM B-Y3
 1 TO 12 = 20 mm Φ
 STPS. 'A'

R/F IN BEAM B-X106
 1,2,3,4,5,6 = 16 mm Φ
 7,8,9,10,11 = 20 mm Φ
 STPS. 'A'



R/F IN BEAM B-Y2B
 1 TO 13 = 16 mm Φ
 STPS. 'A'



R/F IN BEAM B-Y2A
 1 TO 8 = 16 mm Φ
 STPS. 'C'

R/F IN BEAM B-Y7
 2,3,5,8 = 16 mm Φ
 1,4 = 20 mm Φ
 6,7 = 12 mm Φ
 STPS. 'C'

B3
 EE-IV

DRAWN BY
 AED.

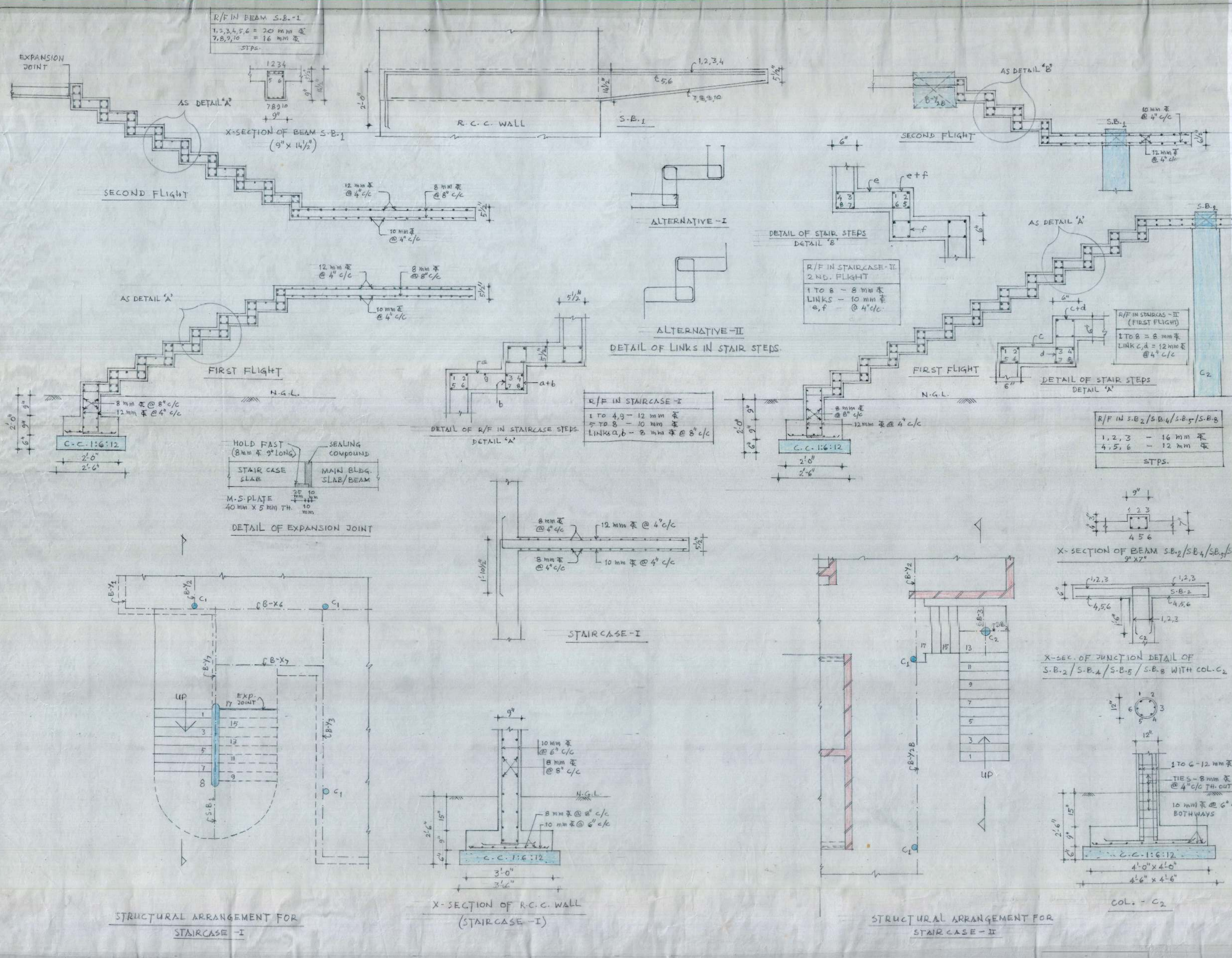
GROUND AND FIRST FLOOR BEAMS

BOOTHS FOR REHRI WORKERS
 SEC. 41-C, CHANDIGARH
 (288 NOS.)

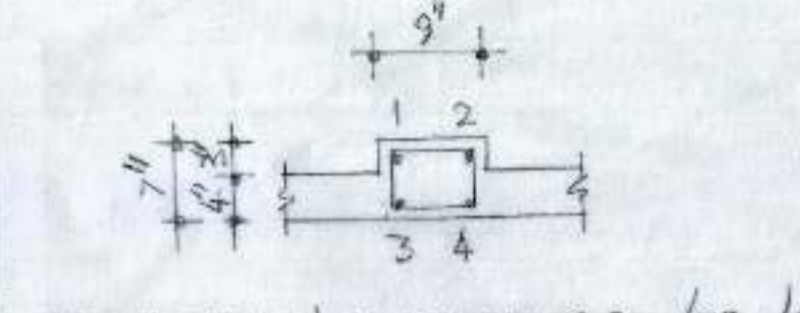
DRG. NO.	JOB NO.	DATE:-
05	134	NOV. 2004

CHANDIGARH
HOUSING
BOARD

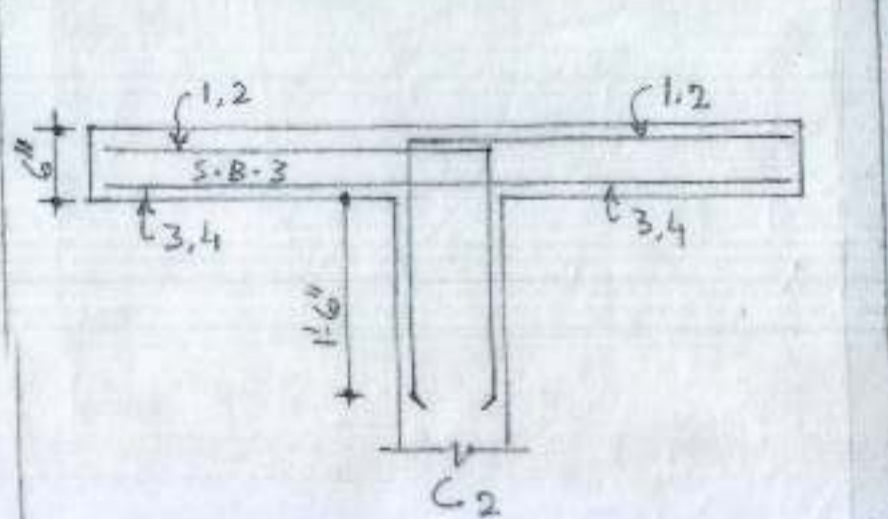
NOTE :-
1. FOR STRUCTURAL NOTES
REFER TO DRG. NO. 01 &
JOB No. 134.



R/F IN S.B.-3 / S.B.-6 / S.B.-7
1, 2 - 16 mm $\bar{\text{A}}$
3, 4 - 12 mm $\bar{\text{A}}$
STPS.



X-SECTION OF BEAM S.B.-3/S.B.-6/S.B.-7



X-SEC. OF JUNCTION DETAIL OF S.B.-3/S.B.-6/S.B.-7 WITH COL. C2

E.E. IV

DRAWN BY *[Signature]*
AED.

BOOTHS FOR REHRI WORKERS
SEC. 41C,
CHANDIGARH. (288 Nos.)

STAIRCASE - I
STAIRCASE - II

DRG. No. 06 JOB No. 134 DATE :- NOV. 2004

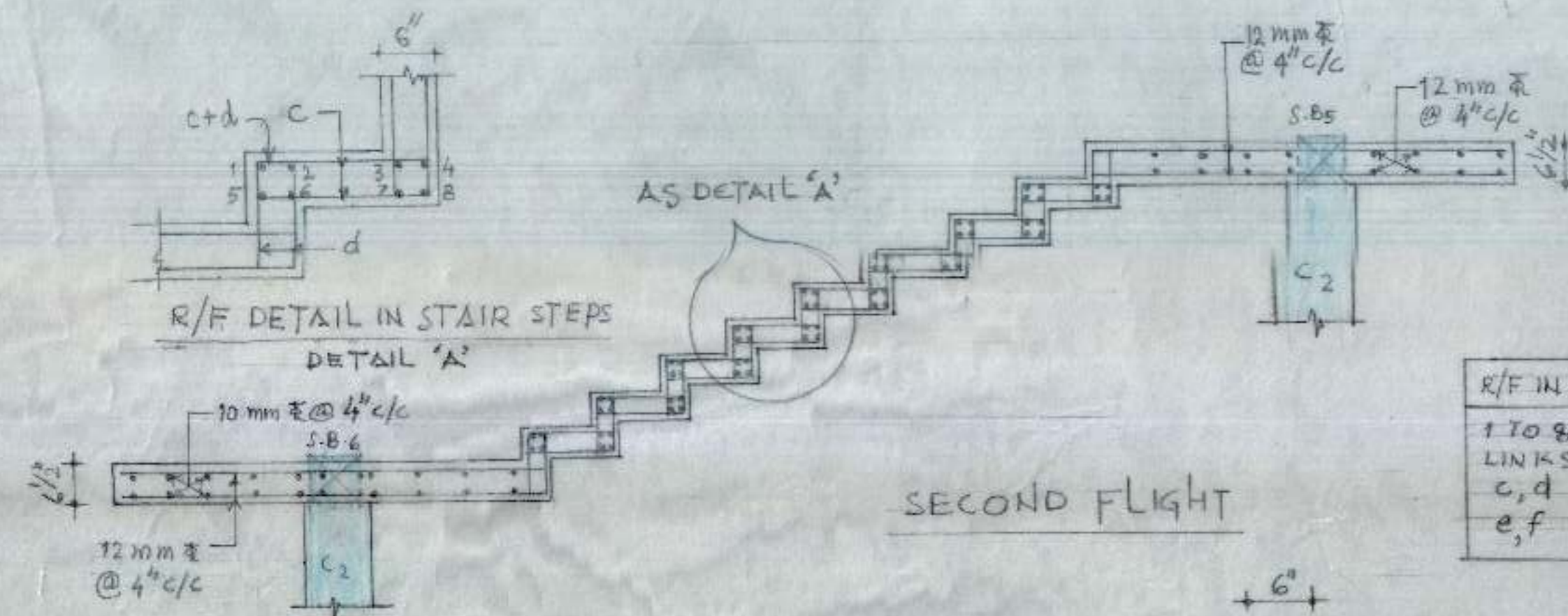
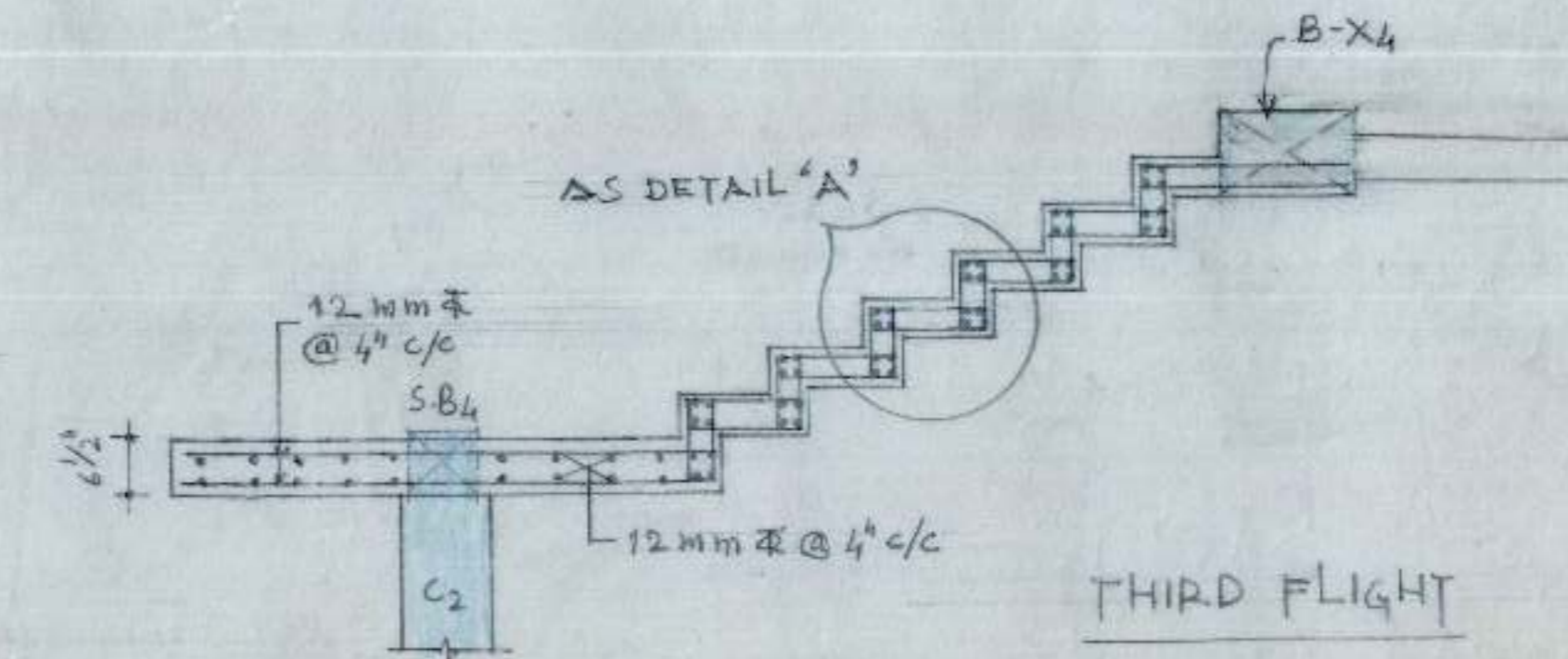
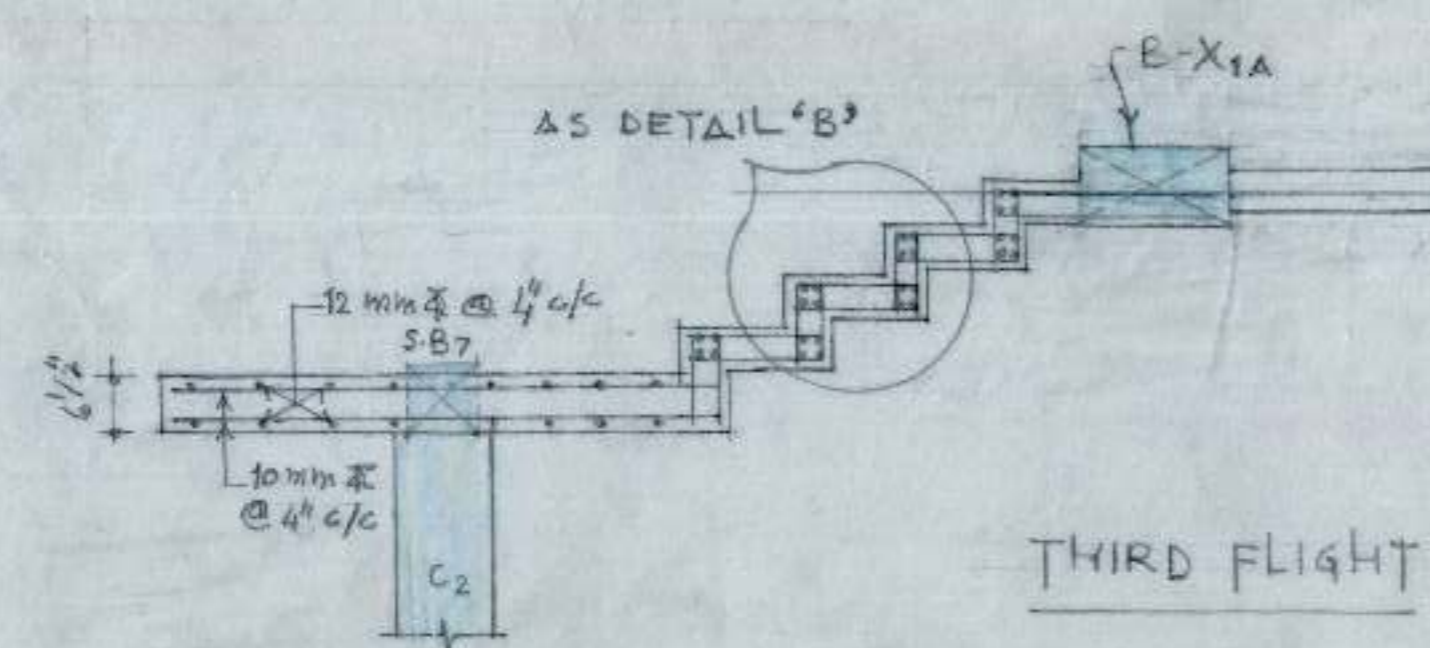
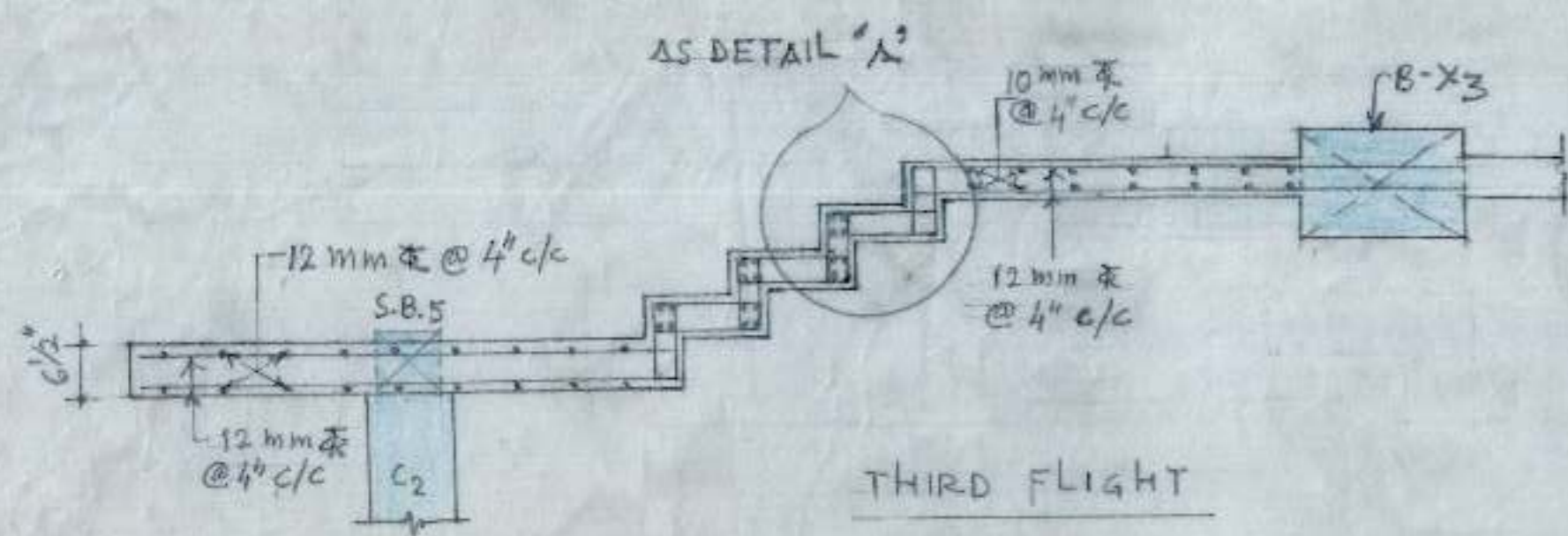
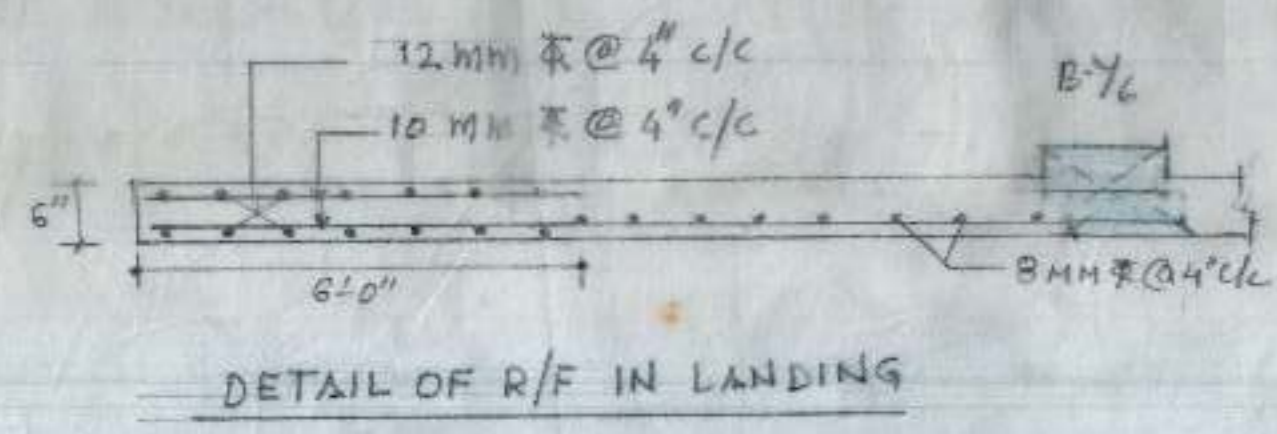
CHANDIGARH
HOUSING
BOARD

NOTES :-

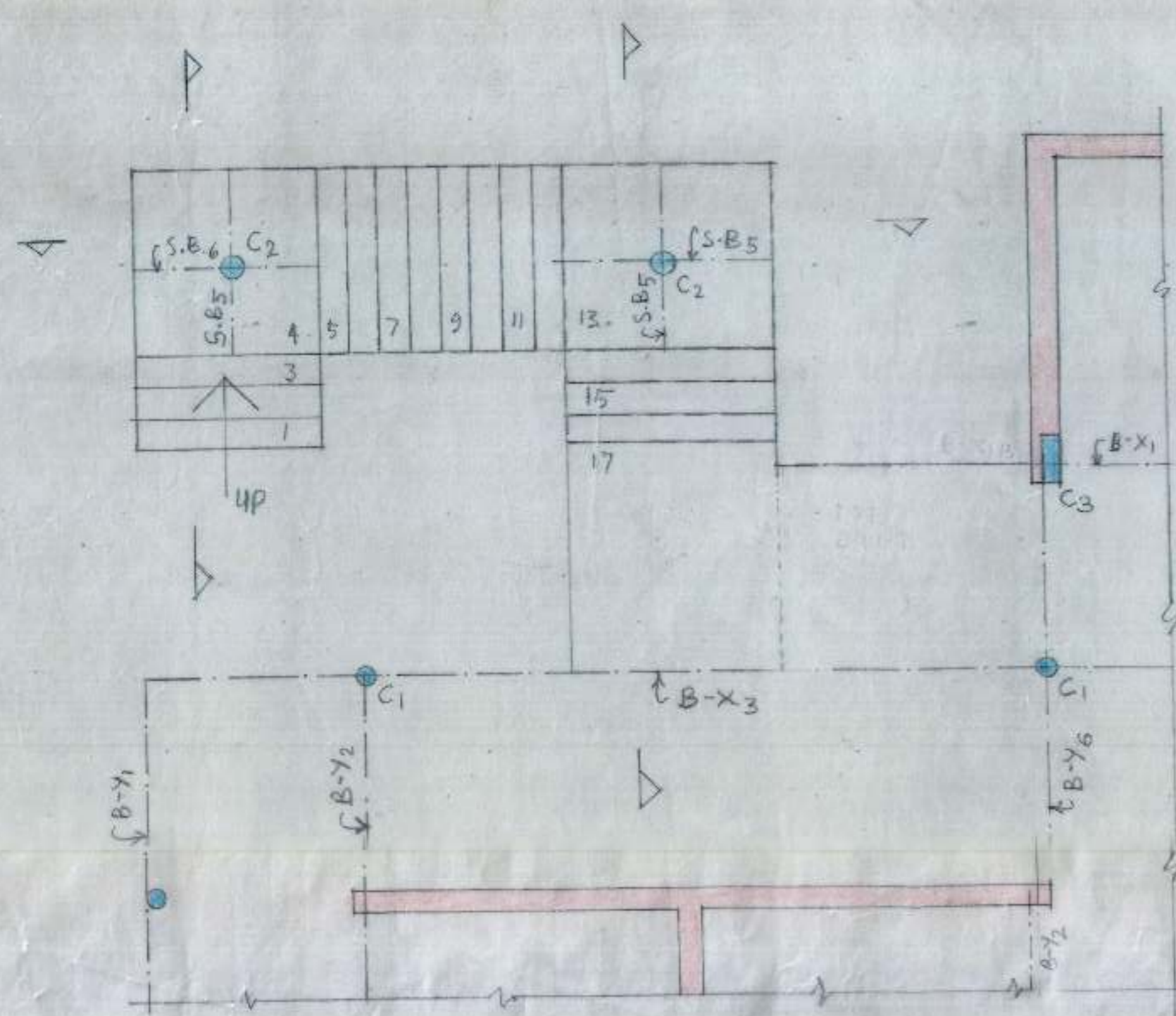
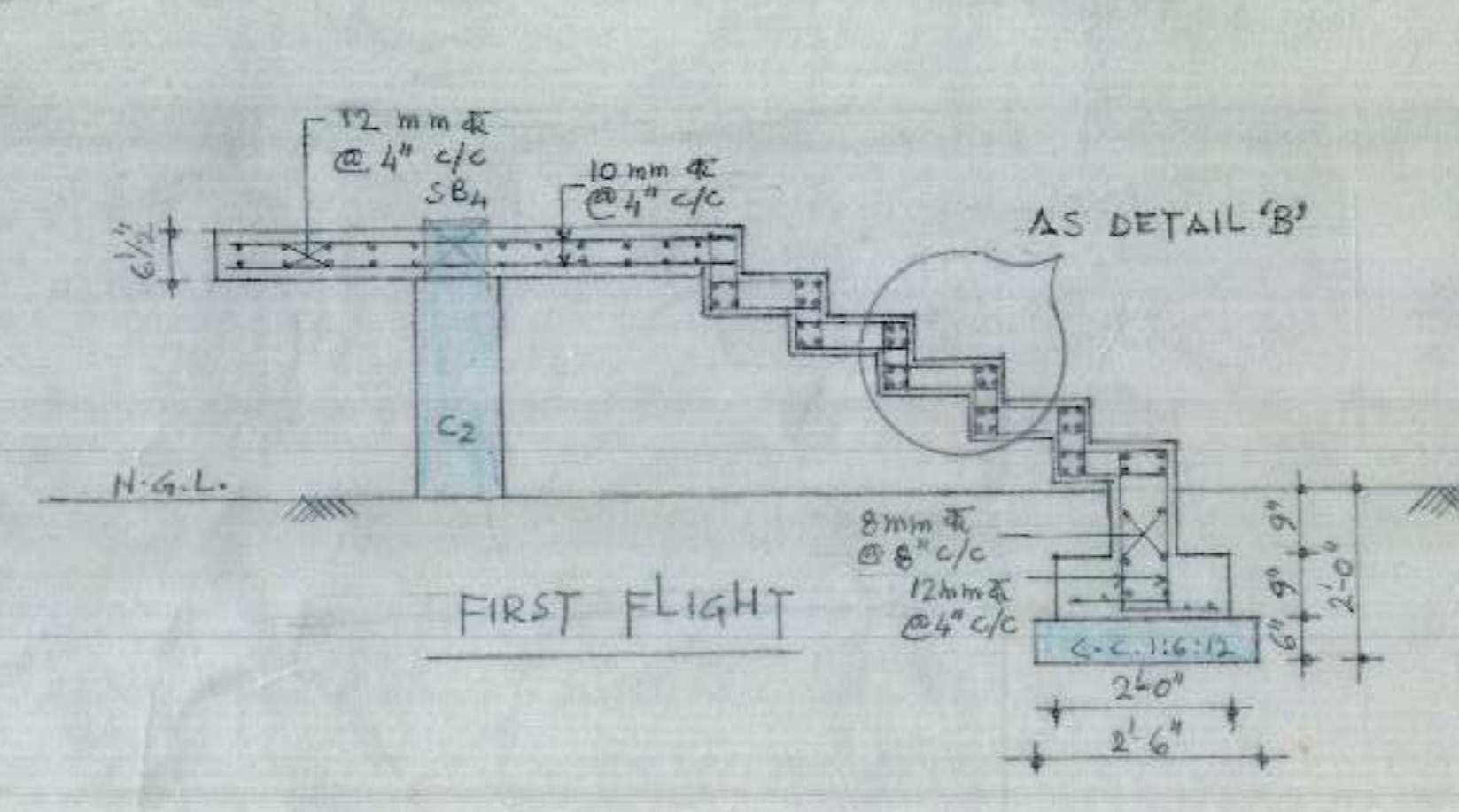
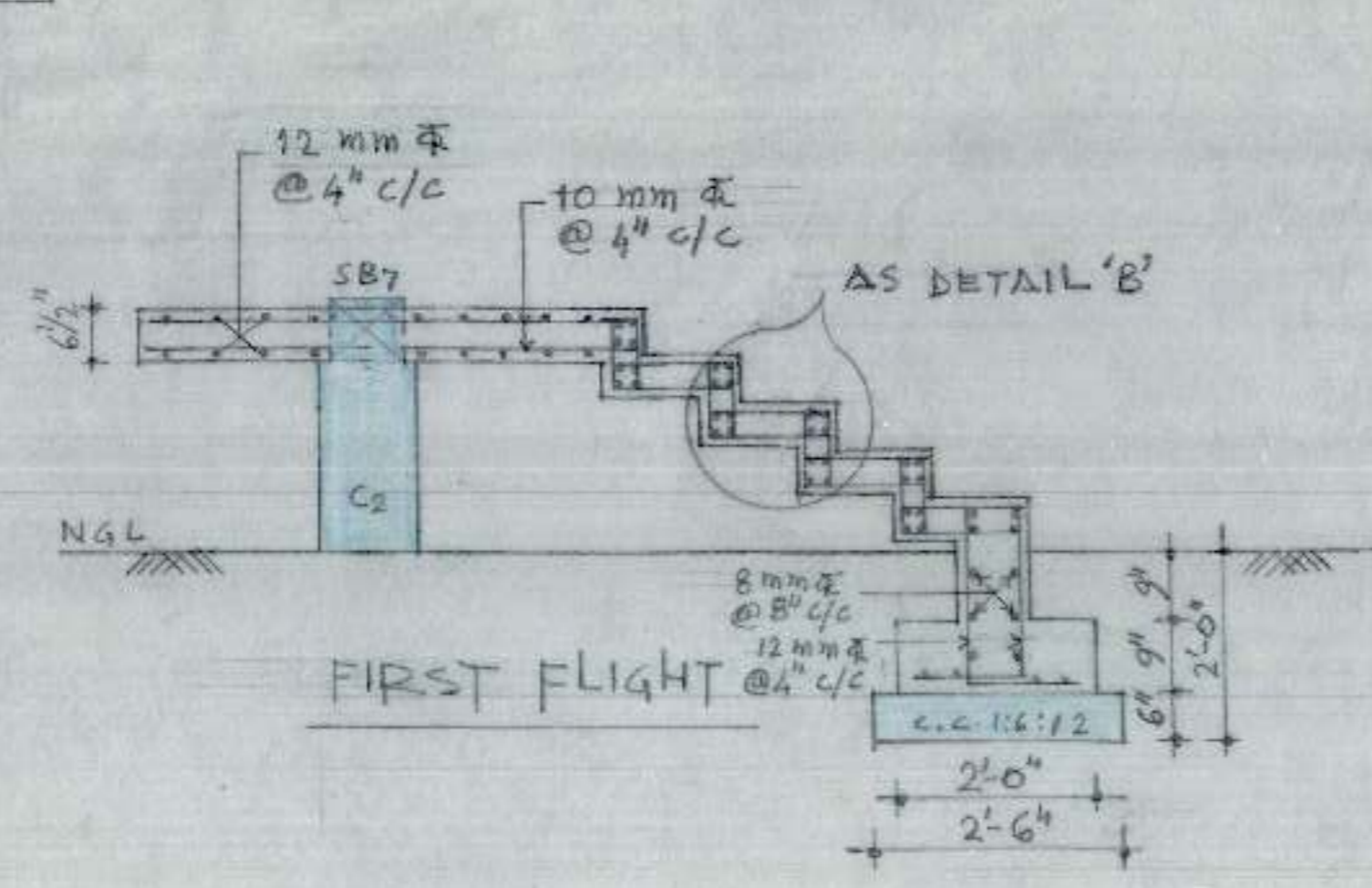
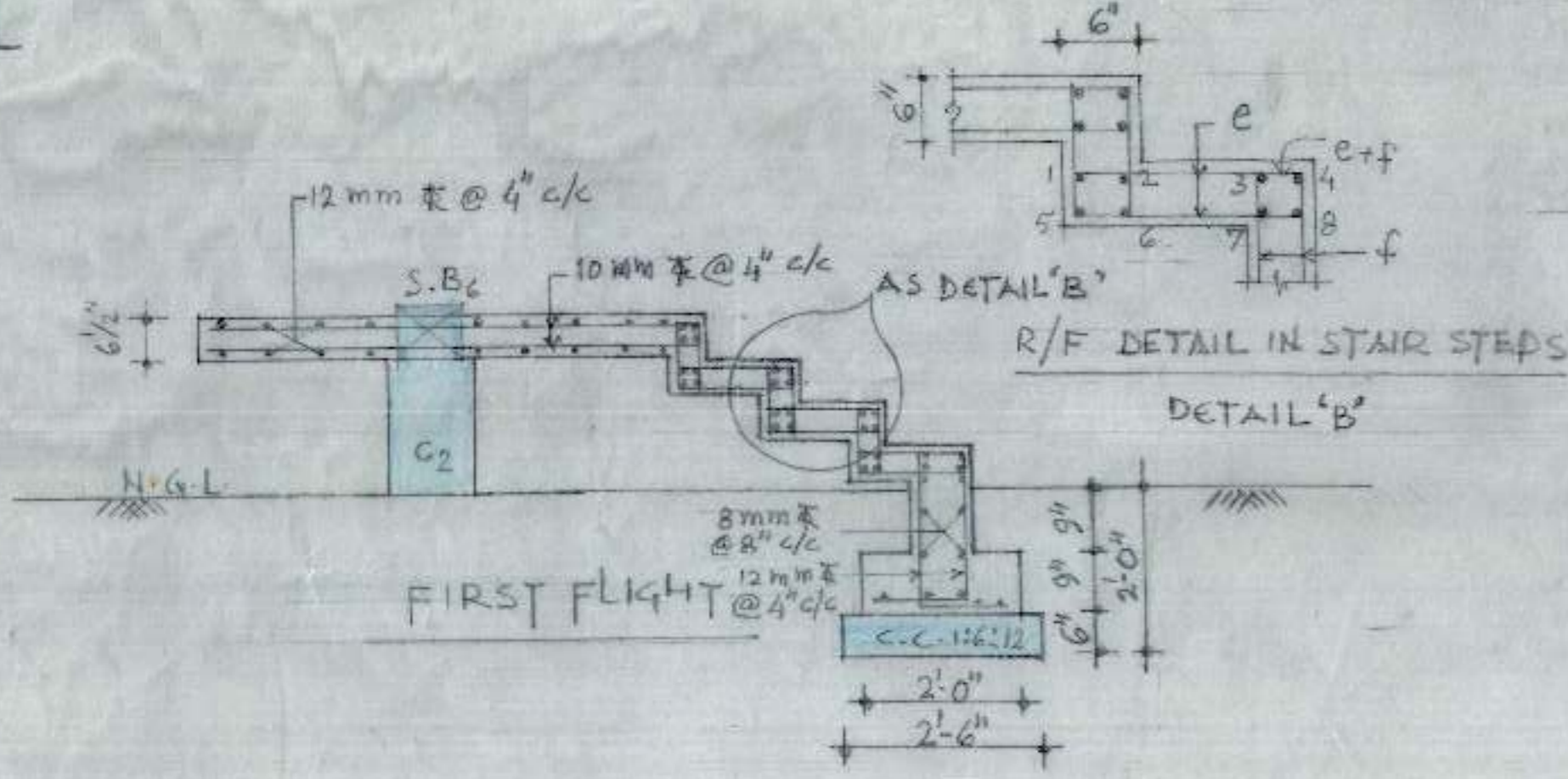
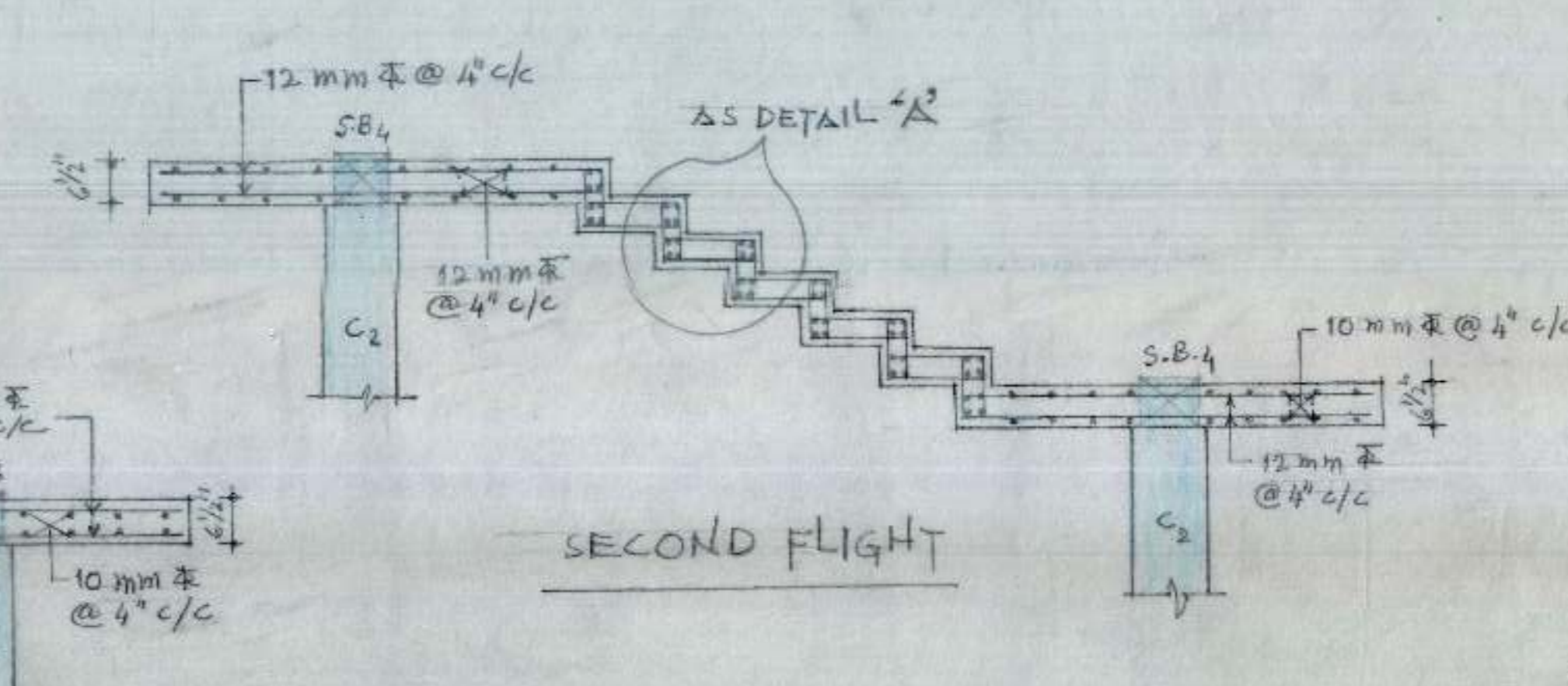
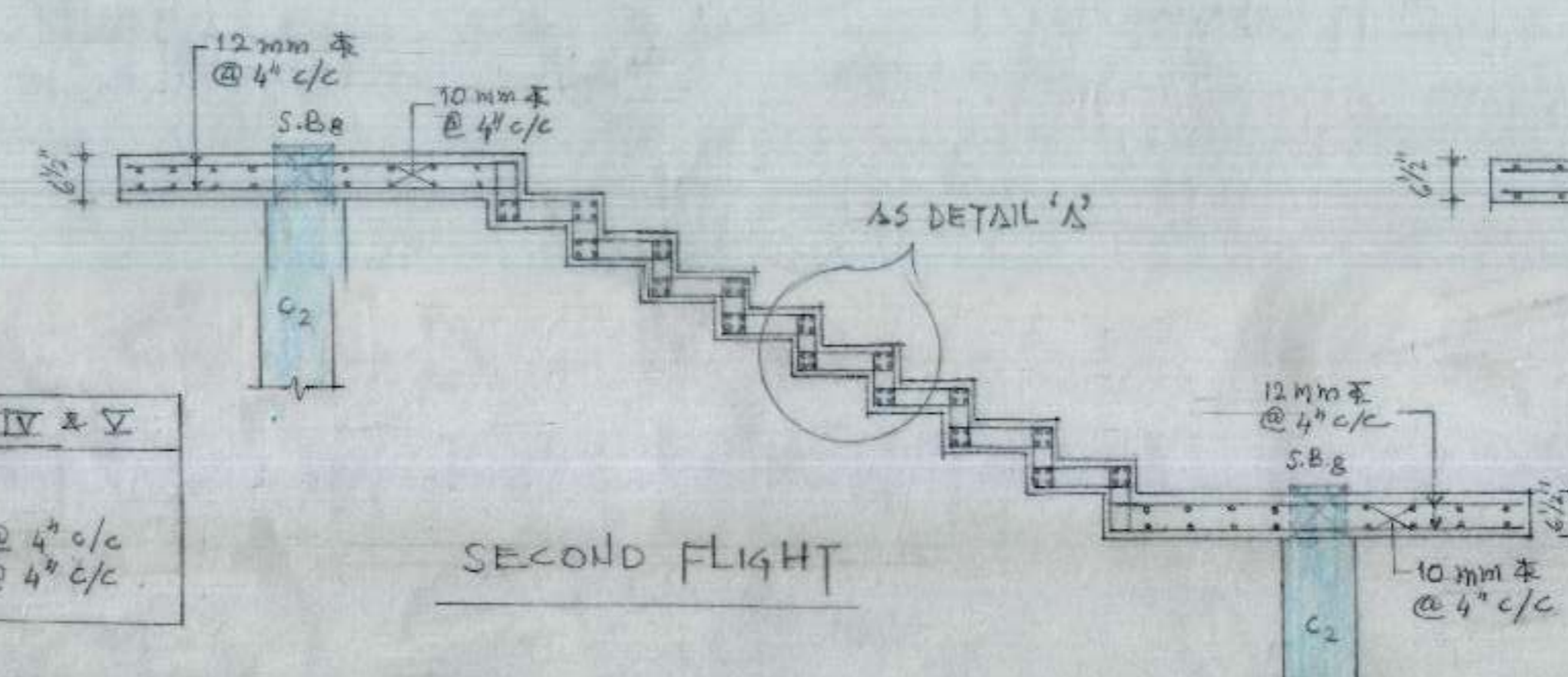
FOR STRUCTURAL NOTES
REFER TO DRG. NO. 01
AND JOB NO. 134.

SPECIAL NOTE :-

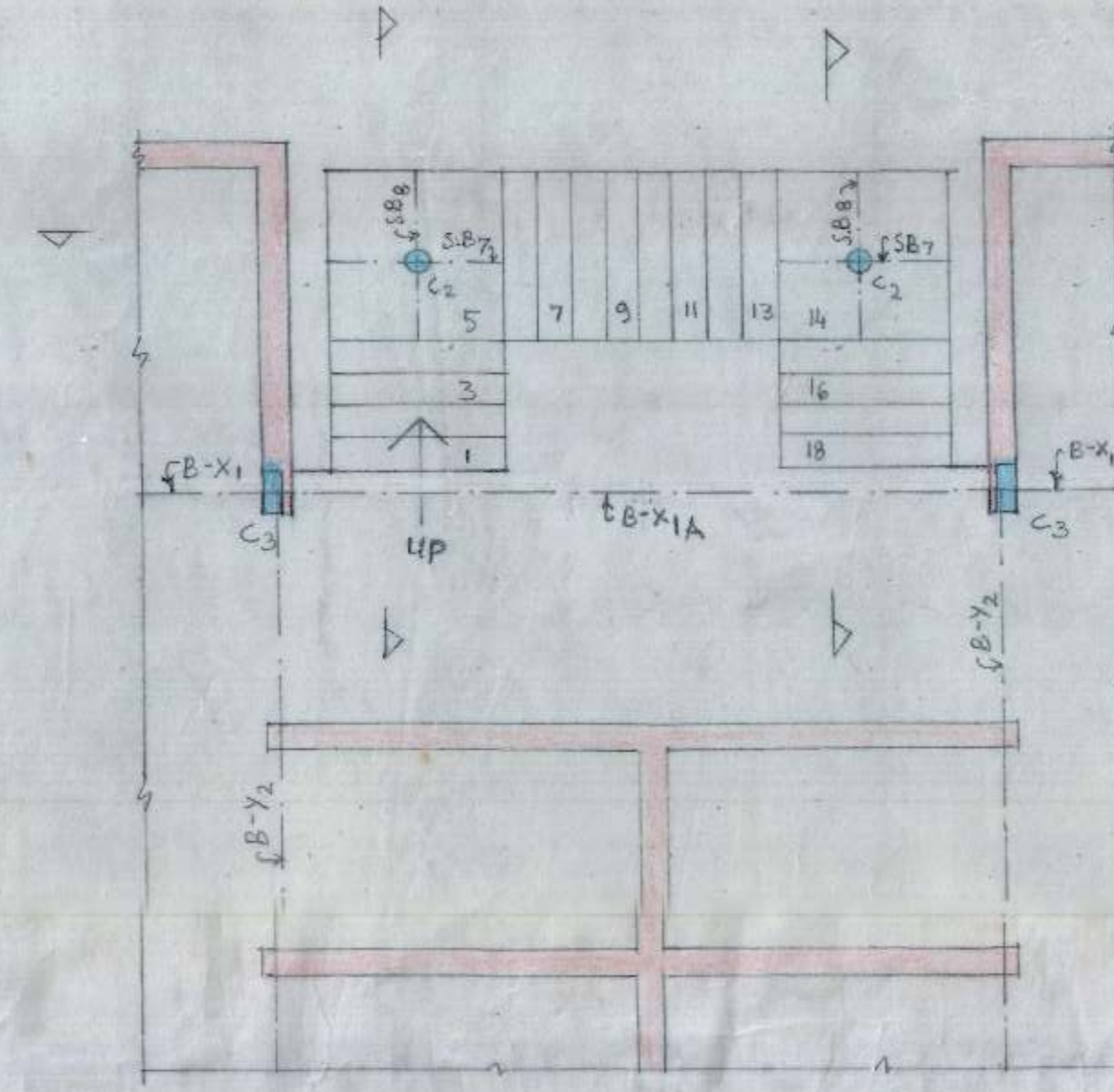
FOR DETAIL OF REINFORCEMENT
IN S.B.4, S.B.5, S.B.6, S.B.7 &
S.B.8 & THEIR CONNECTION WITH
THE R.C.C. COL. REFER TO
DRG. NO. 6 & JOB NO. 134.



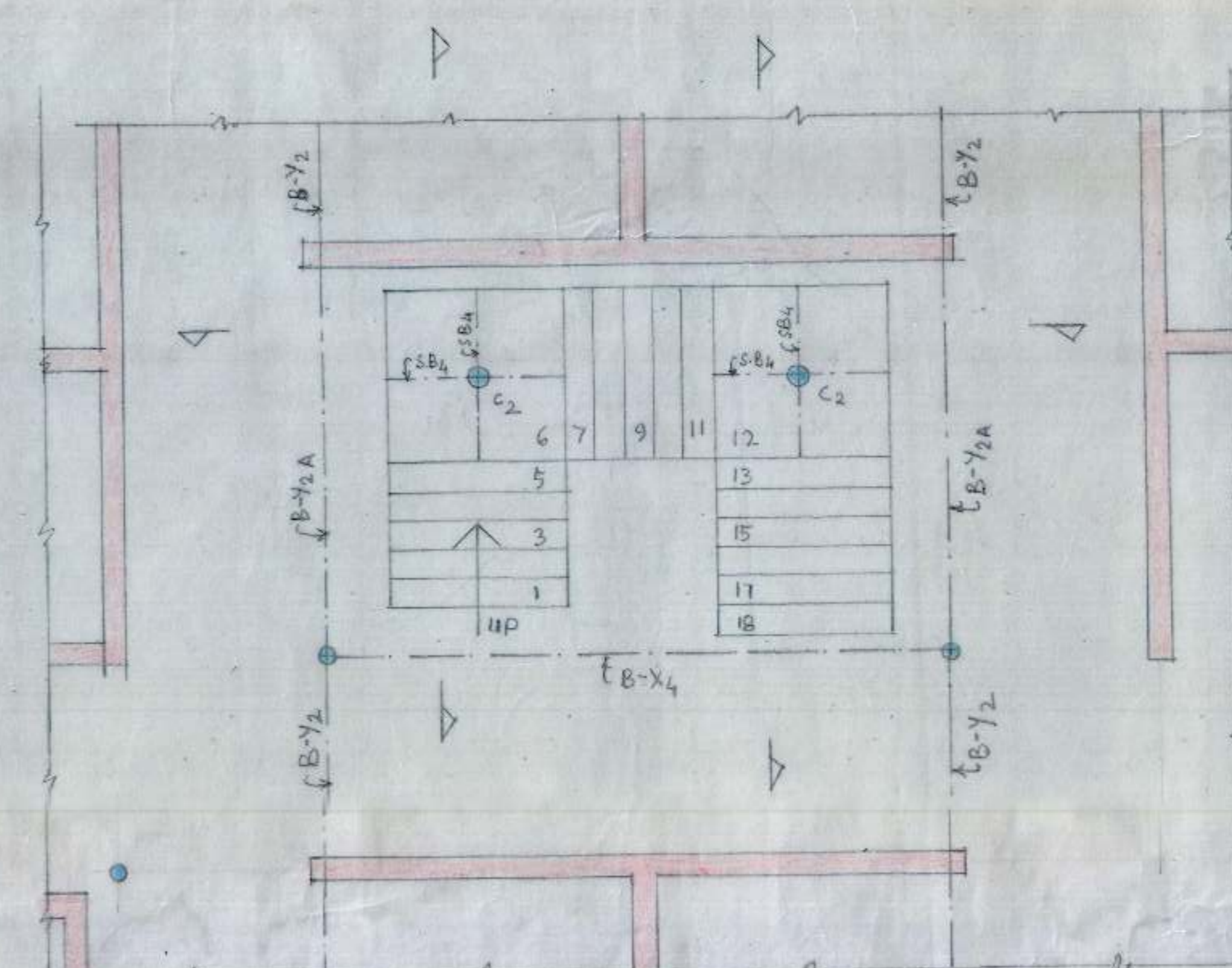
R/F IN STAIRCASE - III, IV & V
1 TO 8 = 8 mm Φ
LINKS
c, d = 12 mm Φ @ 4" c/c
e, f = 10 mm Φ @ 4" c/c



STRUCTURAL ARRANGEMENT FOR STAIRCASE - IV



STRUCTURAL ARRANGEMENT FOR STAIRCASE - V



STRUCTURAL ARRANGEMENT FOR STAIRCASE - III

E.E. - IV

DRAWN BY

A.E.D.

BOOTHS FOR REHRI WORKERS
SECTOR - 41 C 288 NOS.
CHANDIGARH

STAIRCASE - III
STAIRCASE - IV
STAIRCASE - V

DRS. No. 07 JOB No. 134 DATE DEC. 2004