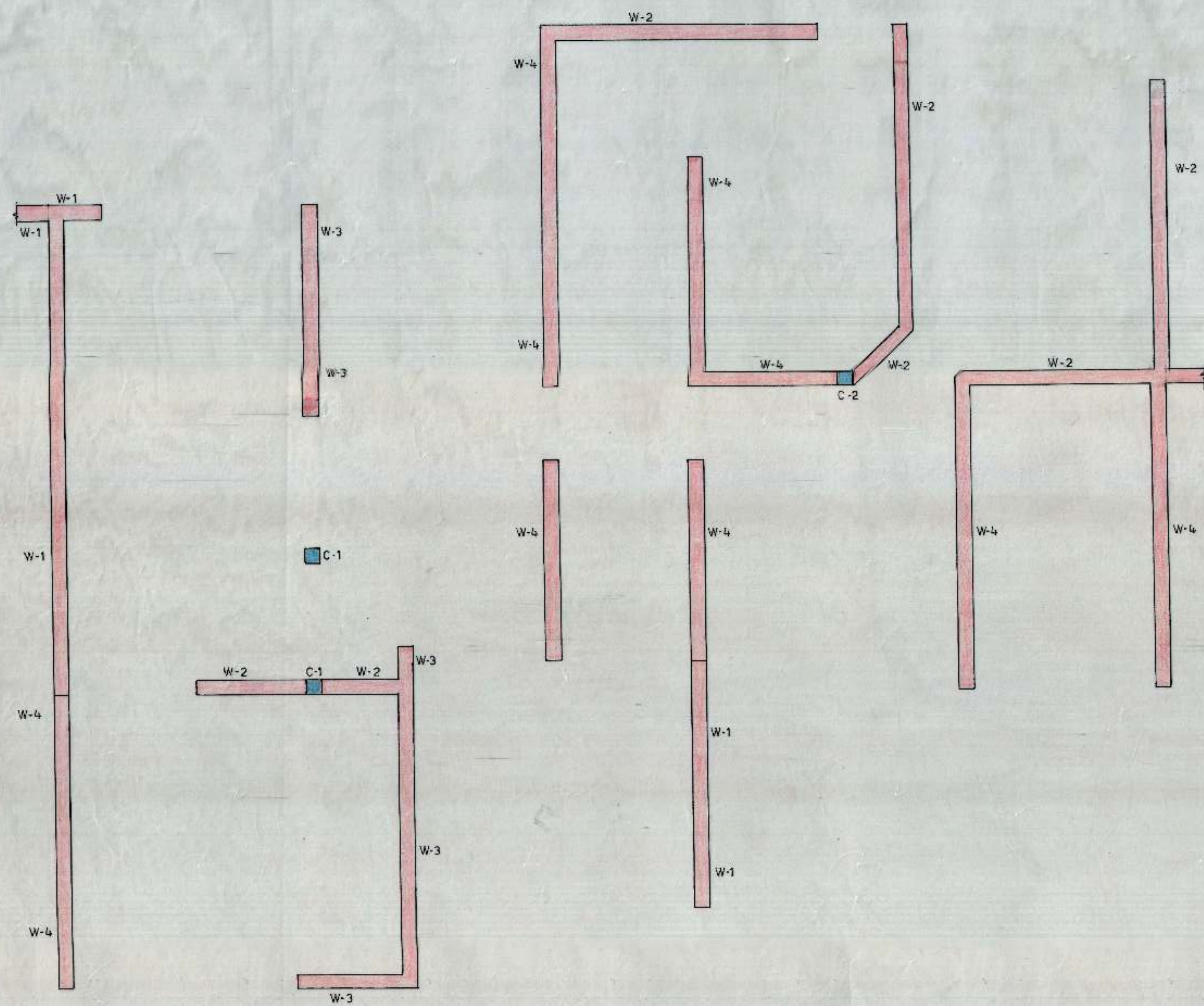
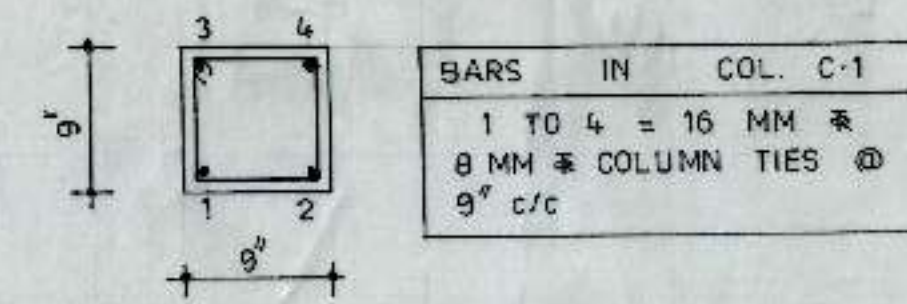


HOUSE TYPE-VI  
SECTOR - 24  
CHANDIGARH

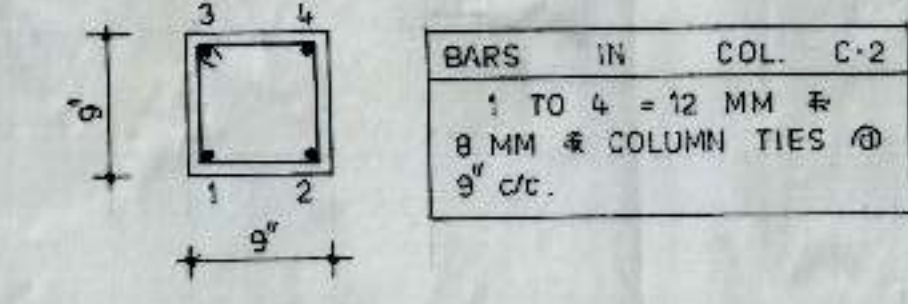
- NOTES :-
1. THE CENTER LINE DIMENSIONS REFER TO ARCH. DRG. NO. 2, JOB NO. 2495.
  2. SUITABLE D.P.C. MAY BE PROVIDED AT SITE.
  3. STRUCTURE SIZES ARE SHOWN IN THIS DRG. SHOULD BE ADOPTED INSPITE OF ANY CONTRARY SIZES SHOWN IN THIS ARCH. DRG.
  4. DIMENSIONS ARE TO BE READ AND NOT TO BE SCALED OFF.
  5. THE SAFE BEARING CAPACITY OF SOIL HAS BEEN ASSUMED AS 10 T/FT<sup>2</sup> WHICH SHOULD BE ENSURED AT SITE.
  6. THE CUBE STRENGTH OF CONC. CURED AT SITE AFTER 28 DAYS SHALL NOT BE LESS THAN 2250 LBS/FT<sup>2</sup> (MN).
  7. JAMBS OF ALL WALLS TO BE BUILT IN C.M. 1:4.
  8. LEAN CONCRETE 1:8:16 SHALL BE LAID WITH MECHANICAL MIXTURE.



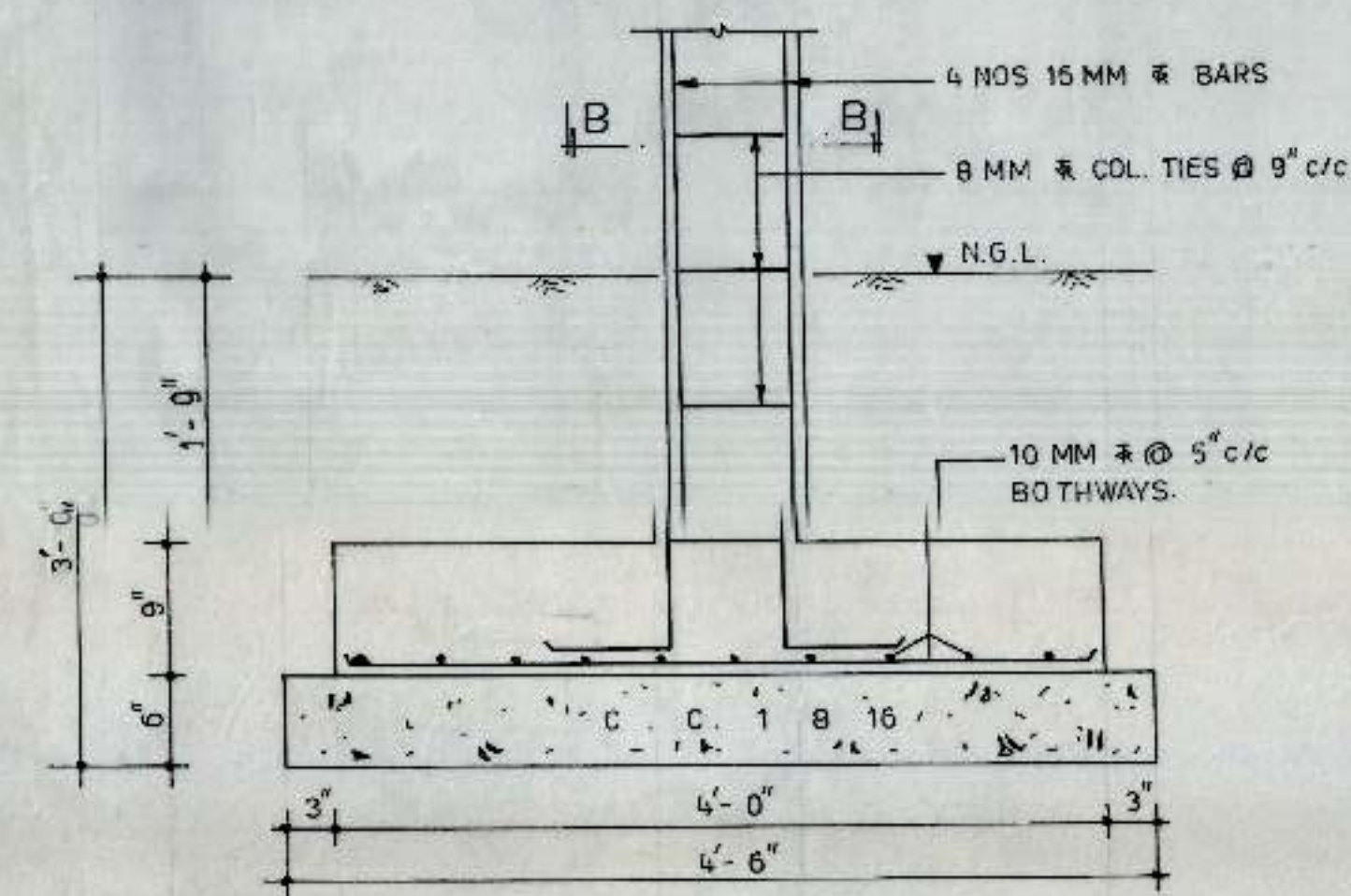
KEY - PLAN ( FOUNDATION )



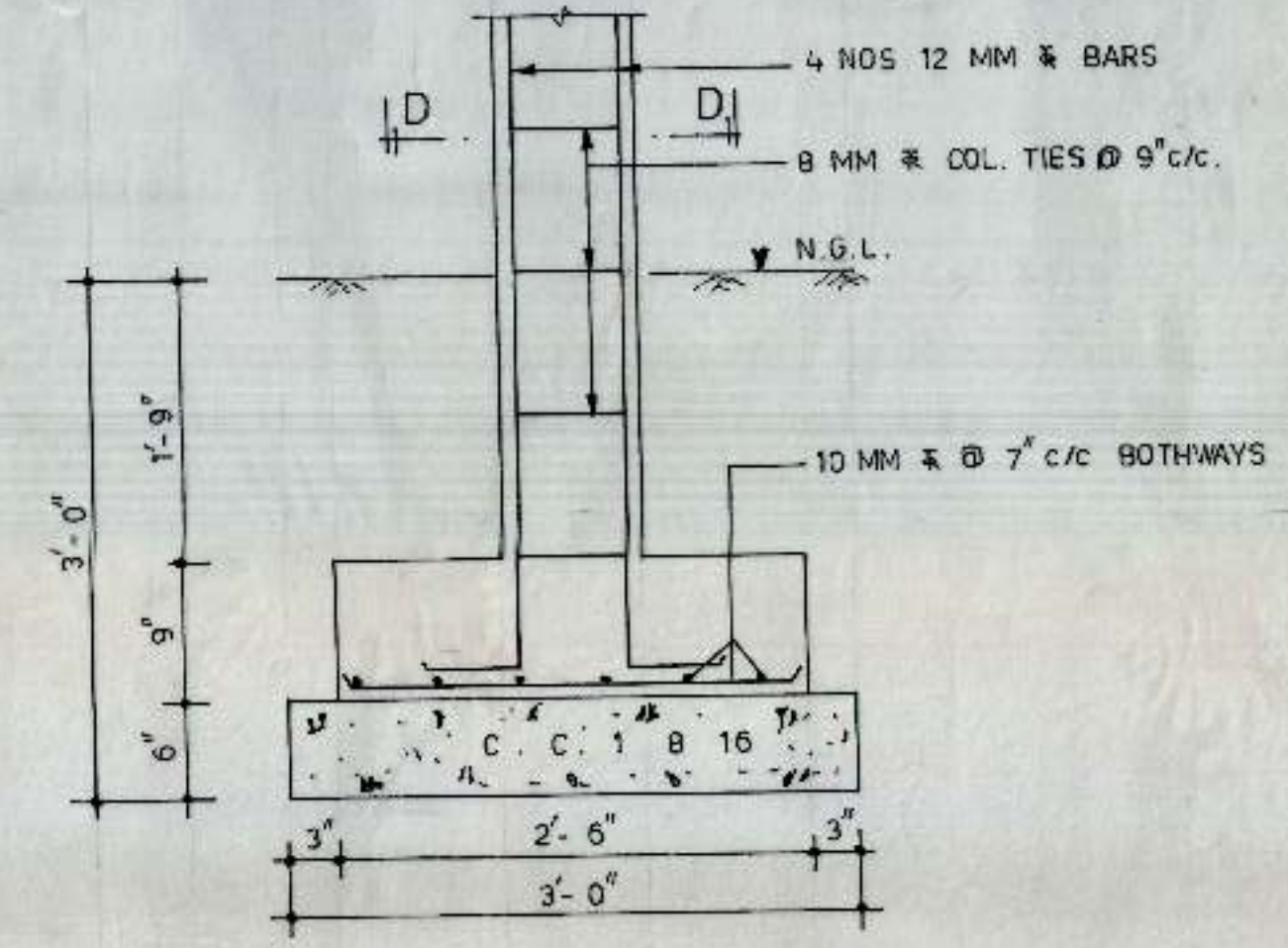
SECTION B - B  
(UP TO TERRACE LEVEL)



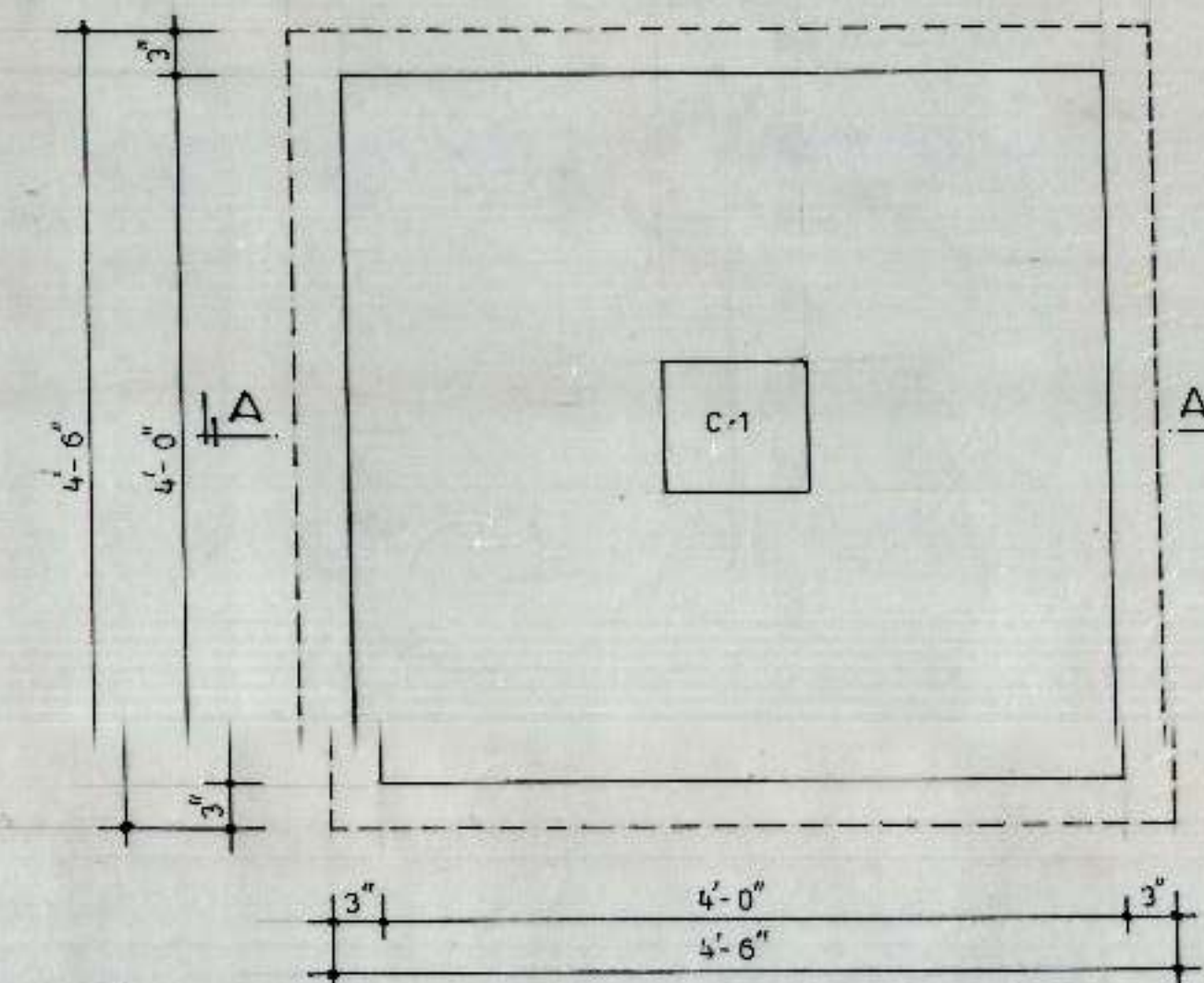
SECTION D - D  
(UP TO GROUND LEVEL)



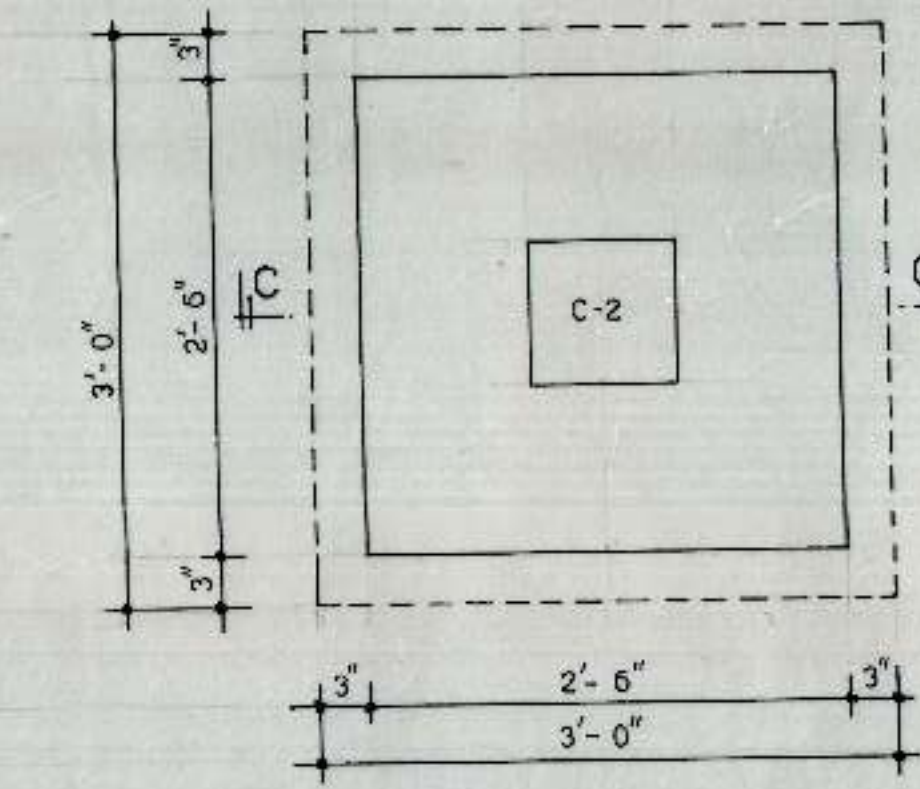
SECTION A - A



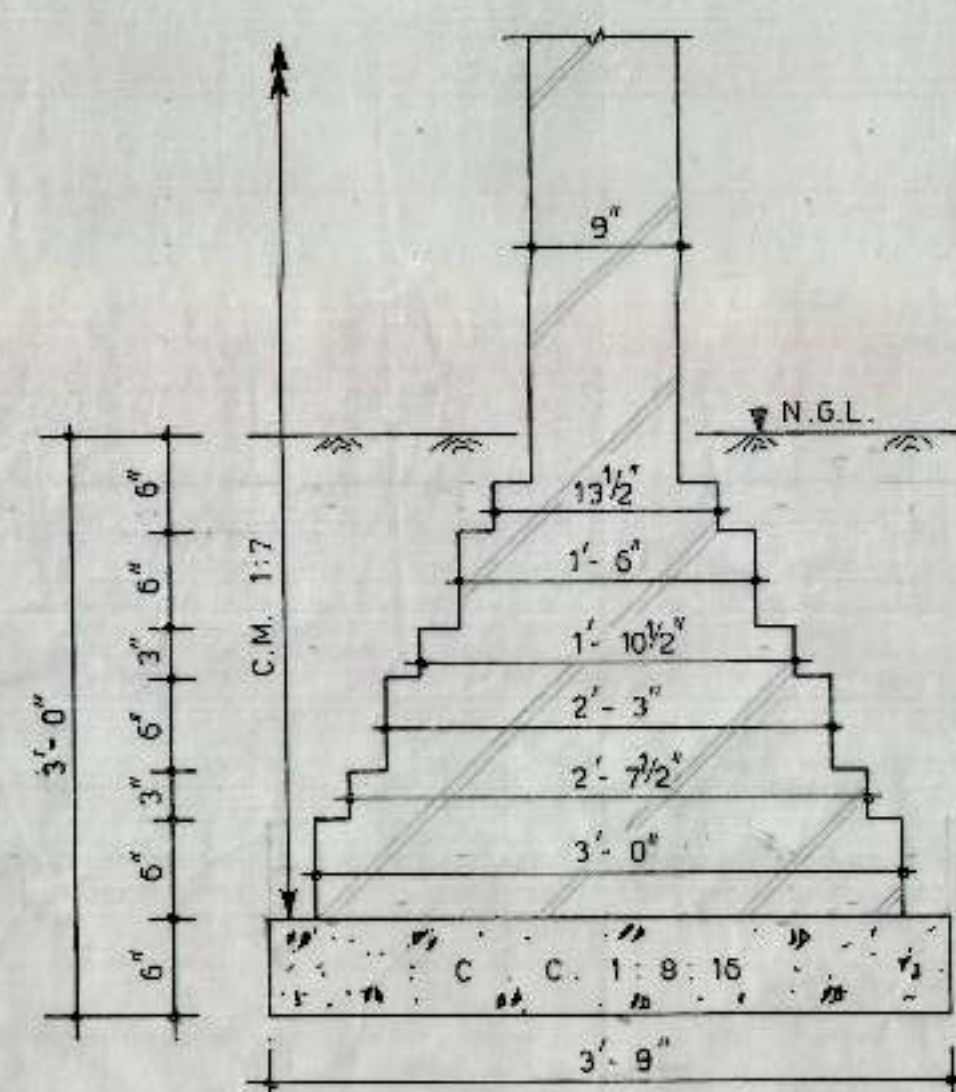
SECTION C - C



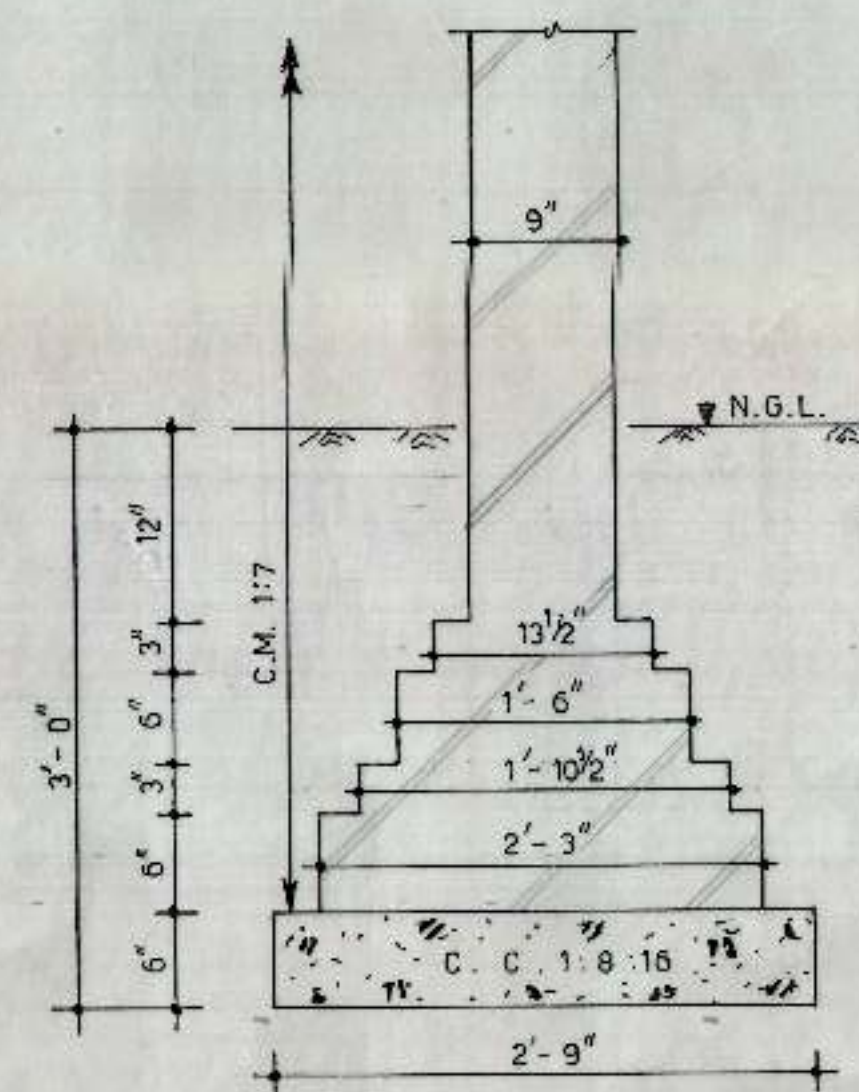
PLAN OF COLUMN C-1



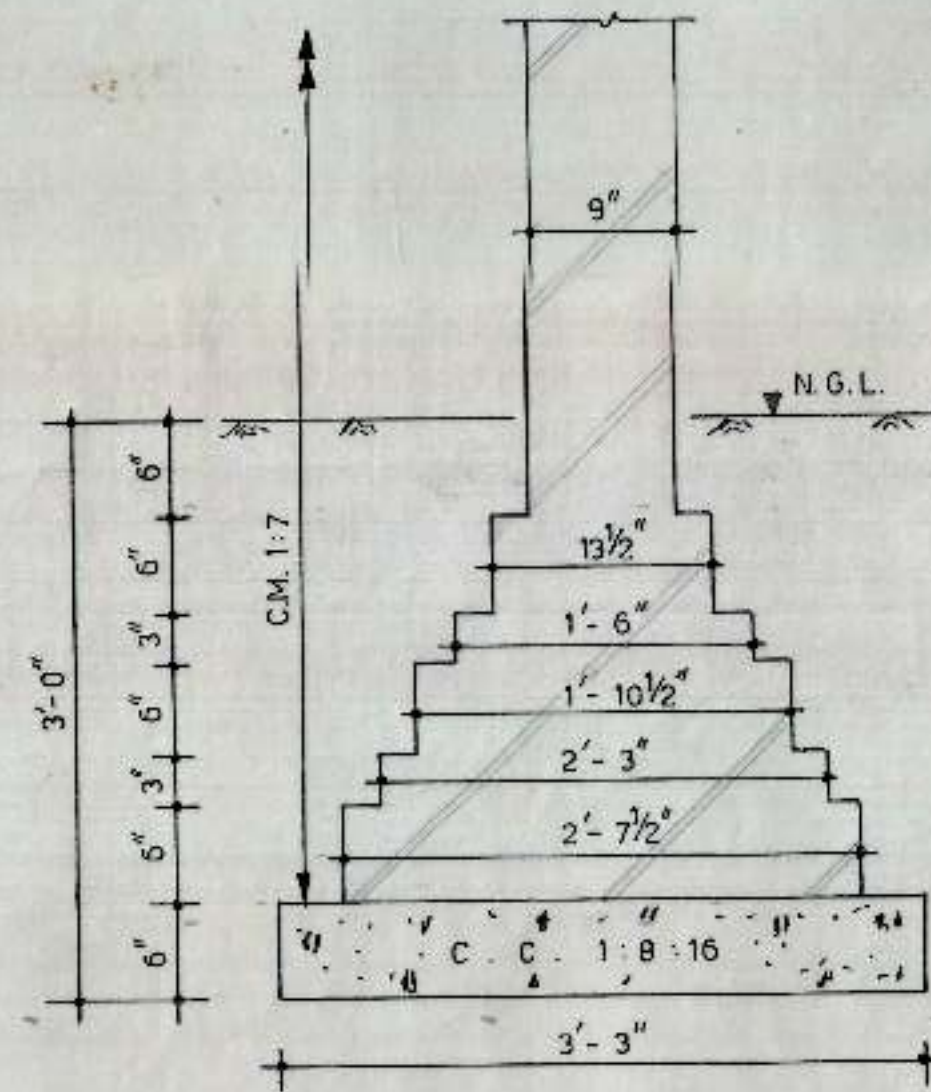
PLAN OF COLUMN C-2



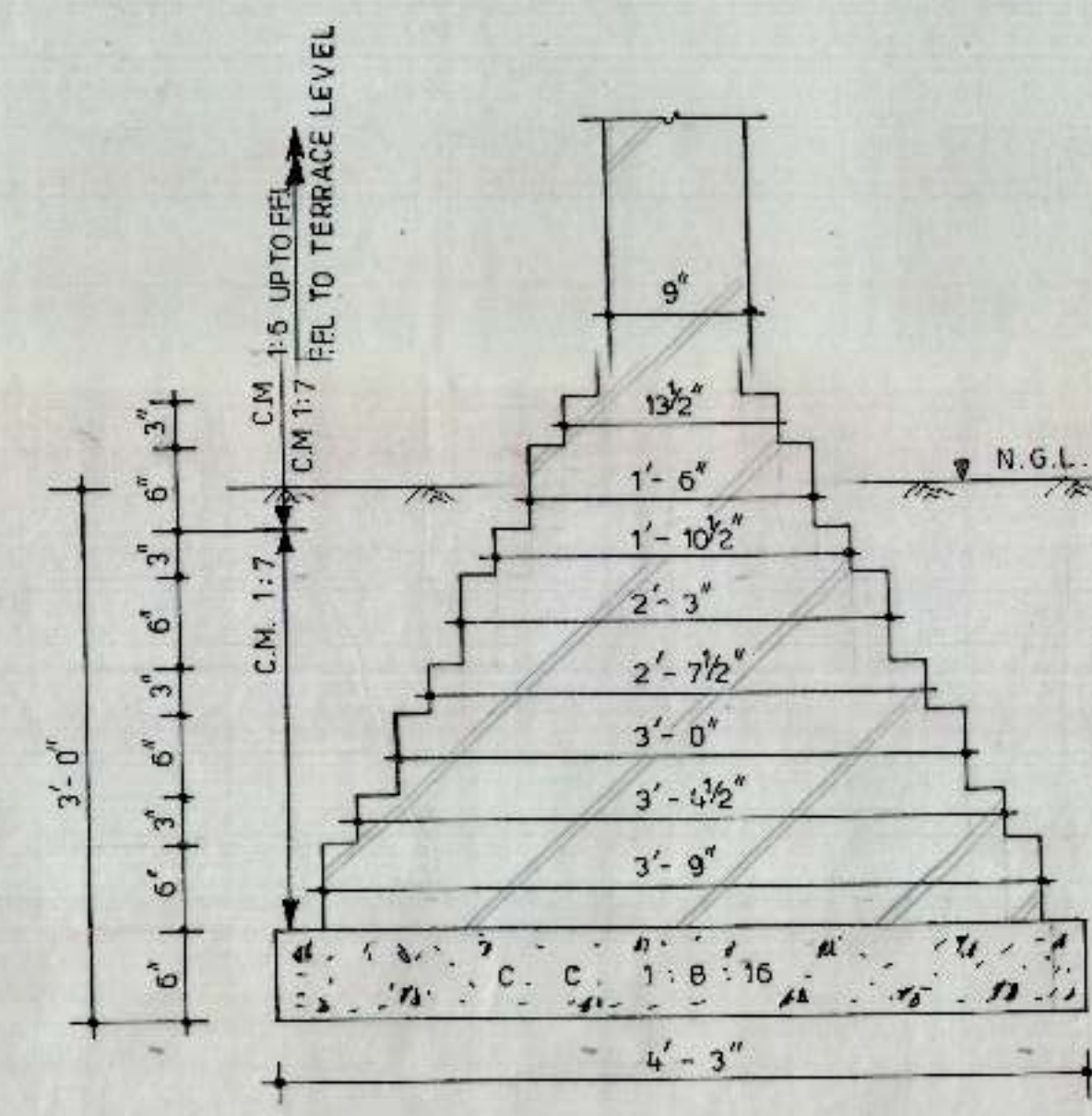
WALL W-1



WALL W-2



WALL W-4



WALL W-3

CHANDIGARH  
HOUSING BOARD

TITLE :-  
DETAILS OF FOUNDATION

|                      |                              |
|----------------------|------------------------------|
| SCALE :-<br>1:0'-1"  | CHECKED BY :-<br>[Signature] |
| DEALT BY :-<br>VIJAY | DATED :-<br>JULY, 1994       |
| JOB NO. :-<br>HT     | DRG. NO. :-<br>01            |

M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH.

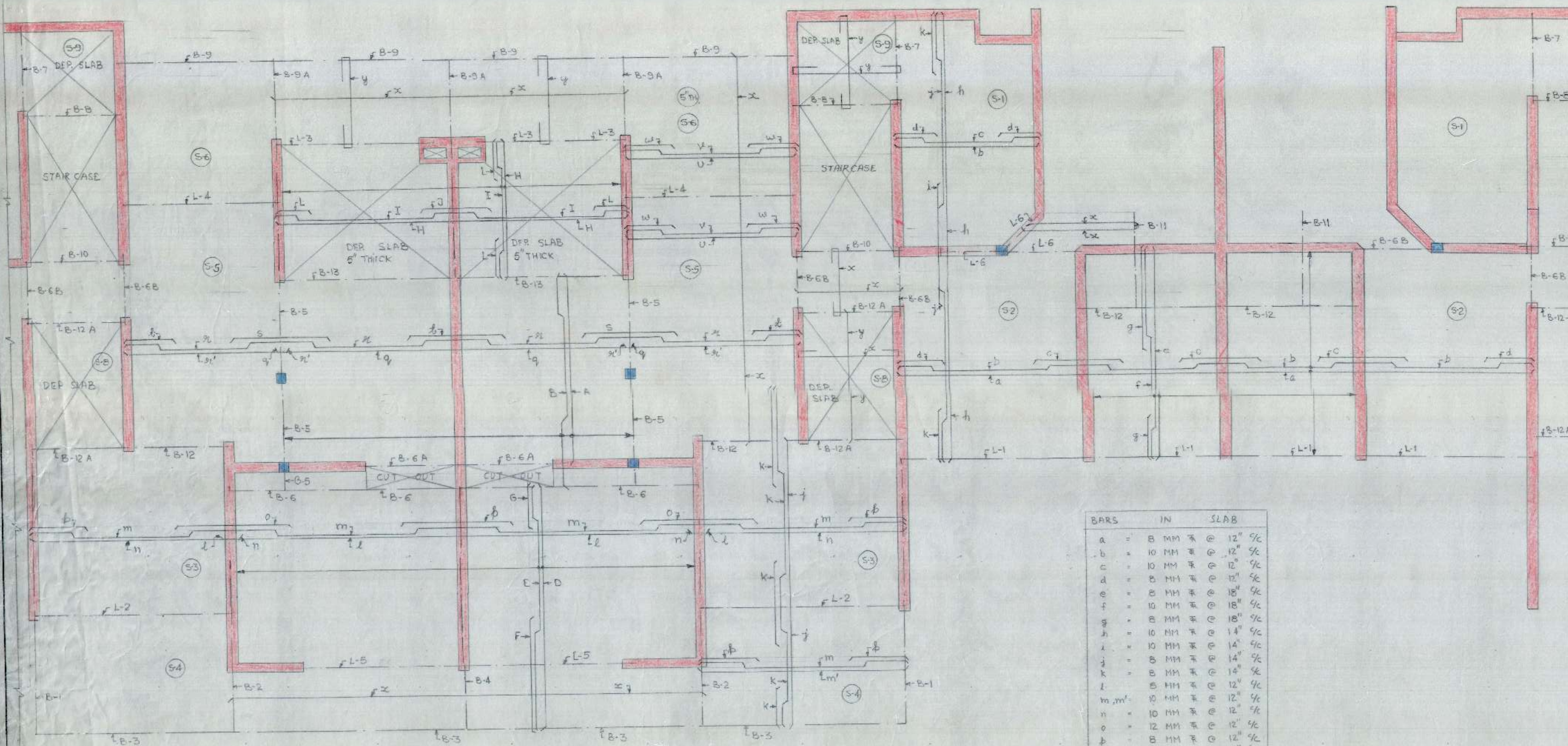


HOUSE TYPE - VI

SECTOR - 24  
CHANDIGARH

NOTES :

1. USE M-15 CONCRETE.
2. USE TOR STEEL OF GRADE FE-45, CONFORMING TO IS. 1786.
3. PROVIDE 9" BEARING FOR BEAMS ON WALLS PLASTERED ON BOTH SIDES AND 6 3/4" ON WALLS WITH BRICK FACE ON ONE SIDE.
4. FOR OTHER STRUCTURAL NOTES REFER DRG NO. 01, JOB NO. HT.



KEY PLAN (FIRST FLOOR SLAB)

NOTE: SLAB 4 1/2" THICK THROUGHOUT, UNLESS OTHERWISE SPECIFIED.

| BARS  | IN    | SLAB       |
|-------|-------|------------|
| a     | 8 MM  | @ 12" 9/16 |
| b     | 10 MM | @ 12" 9/16 |
| c     | 10 MM | @ 12" 9/16 |
| d     | 8 MM  | @ 12" 9/16 |
| e     | 8 MM  | @ 18" 9/16 |
| f     | 10 MM | @ 18" 9/16 |
| g     | 8 MM  | @ 18" 9/16 |
| h     | 10 MM | @ 14" 9/16 |
| i     | 10 MM | @ 14" 9/16 |
| j     | 8 MM  | @ 14" 9/16 |
| k     | 8 MM  | @ 14" 9/16 |
| l     | 8 MM  | @ 12" 9/16 |
| m, m' | 10 MM | @ 12" 9/16 |
| n     | 10 MM | @ 12" 9/16 |
| o     | 12 MM | @ 12" 9/16 |
| p     | 8 MM  | @ 12" 9/16 |
| q     | 8 MM  | @ 12" 9/16 |
| r, r' | 10 MM | @ 12" 9/16 |
| s     | 10 MM | @ 12" 9/16 |
| t     | 8 MM  | @ 12" 9/16 |
| u     | 10 MM | @ 9" 9/16  |
| v     | 16 MM | @ 9" 9/16  |
| w     | 8 MM  | @ 9" 9/16  |
| x     | 8 MM  | @ 9" 9/16  |
| y     | 8 MM  | @ 9" 9/16  |
| A     | 8 MM  | @ 12" 9/16 |
| B     | 10 MM | @ 12" 9/16 |
| D     | 10 MM | @ 12" 9/16 |
| E     | 12 MM | @ 12" 9/16 |
| F     | 10 MM | @ 12" 9/16 |
| G     | 8 MM  | @ 12" 9/16 |
| H     | 10 MM | @ 11" 9/16 |
| I     | 10 MM | @ 11" 9/16 |
| J     | 10 MM | @ 11" 9/16 |
| L     | 8 MM  | @ 11" 9/16 |

CHANDIGARH  
HOUSING BOARD

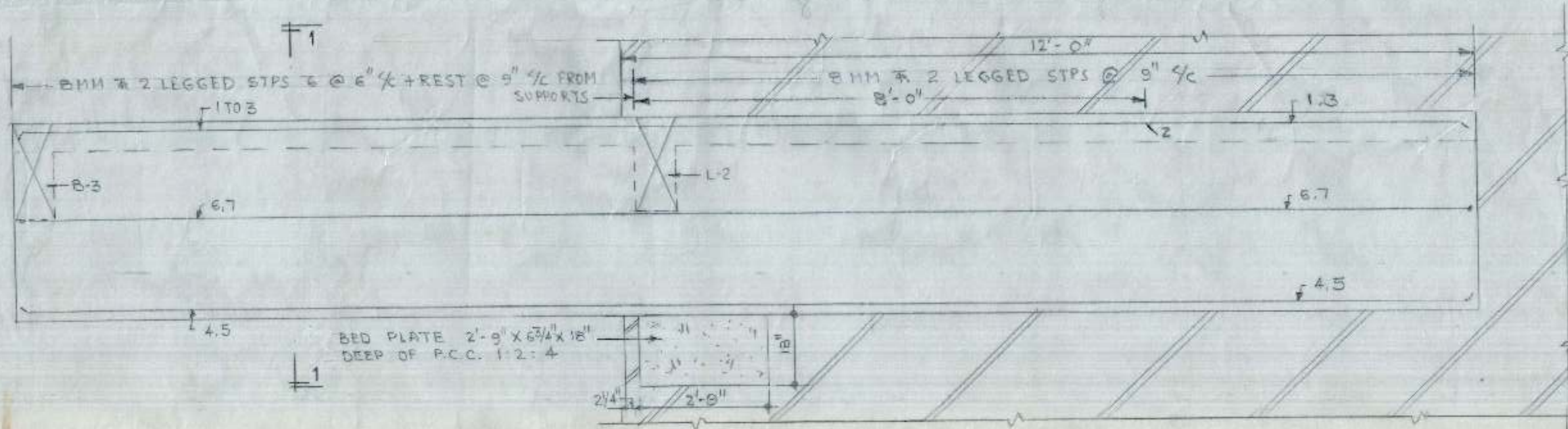
TITLE :  
DETAILS OF SLAB & BEAMS  
REINFORCEMENT AT FIRST FLOOR  
LEVEL

SCALE : 1/4" = 1'-0"  
CHECKED BY :  
DEALT BY :  
DATED :  
JOB NO. : HT  
DRG NO. : 02

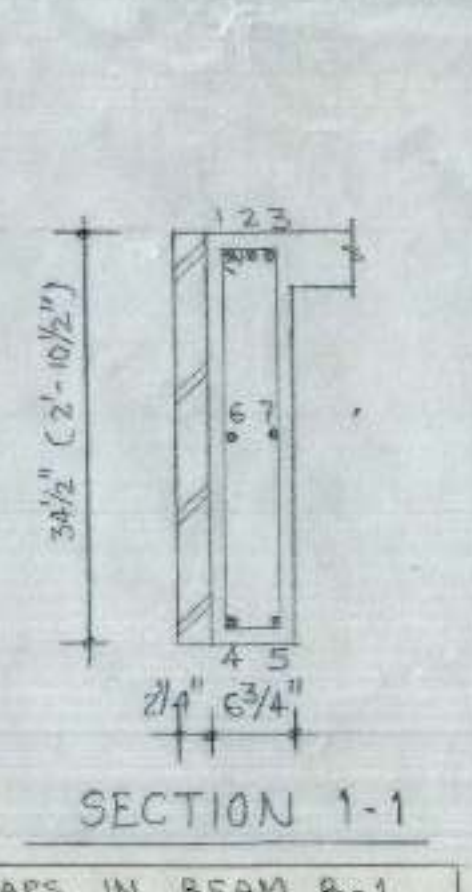
M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH



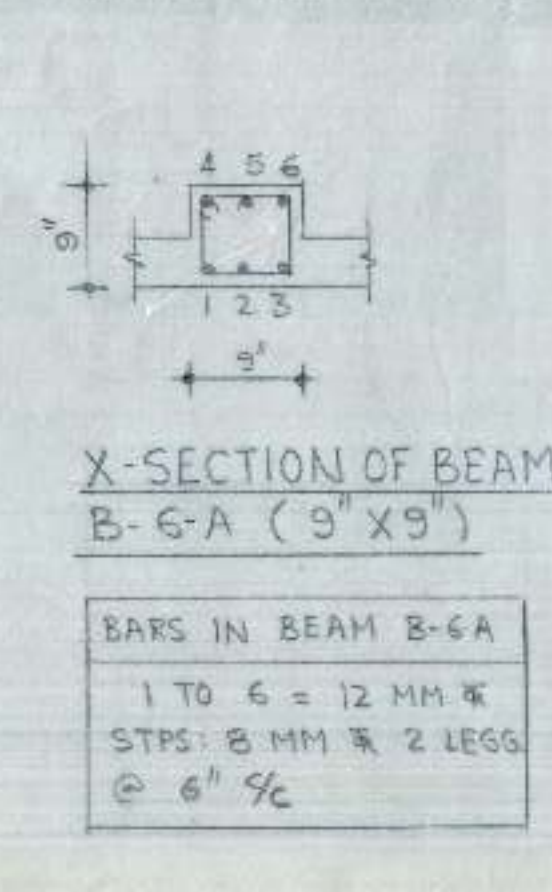
NOTES:  
1. FOR STRUCTURAL NOTES REFER DRG NO. 02, JOB NO. HT.



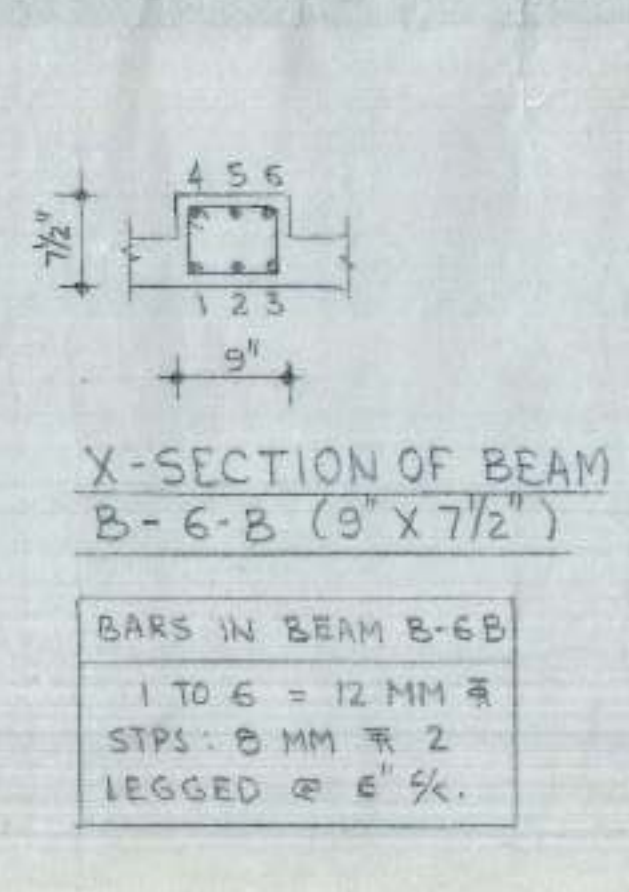
L-SECTION OF BEAM B-1 (6 3/4" X 3 1/2")



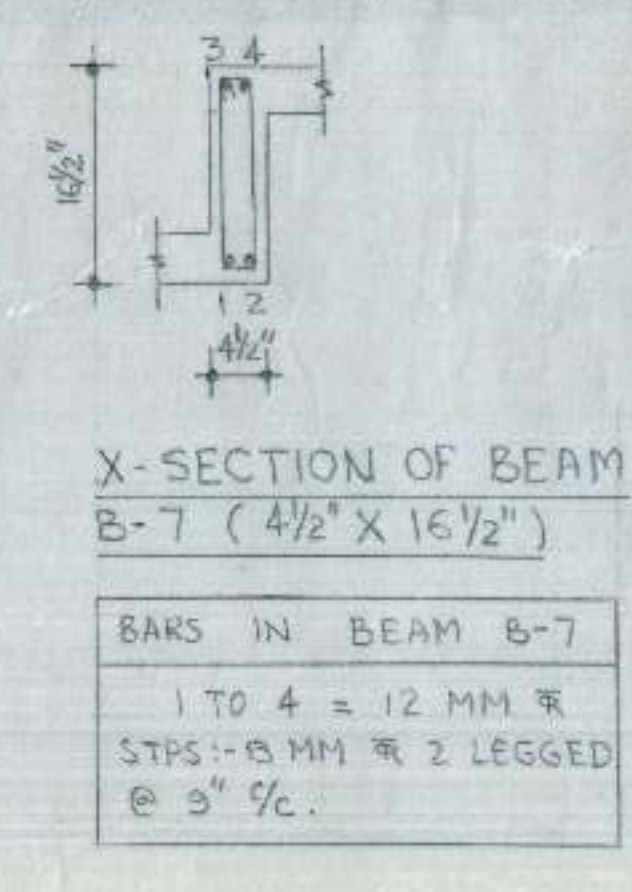
SECTION 1-1  
BARS IN BEAM B-1  
1 TO 3 = 20 MM  $\Phi$   
4, 5 = 16 MM  $\Phi$   
6, 7 = 12 MM  $\Phi$



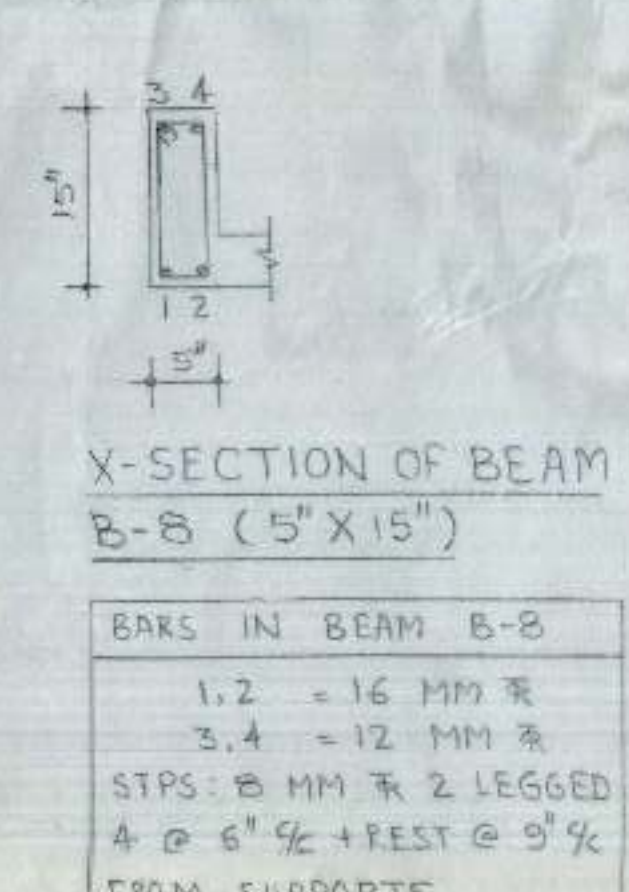
X-SECTION OF BEAM B-6-A (9" X 9")  
BARS IN BEAM B-6-A  
1 TO 6 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 6"  $\Phi$



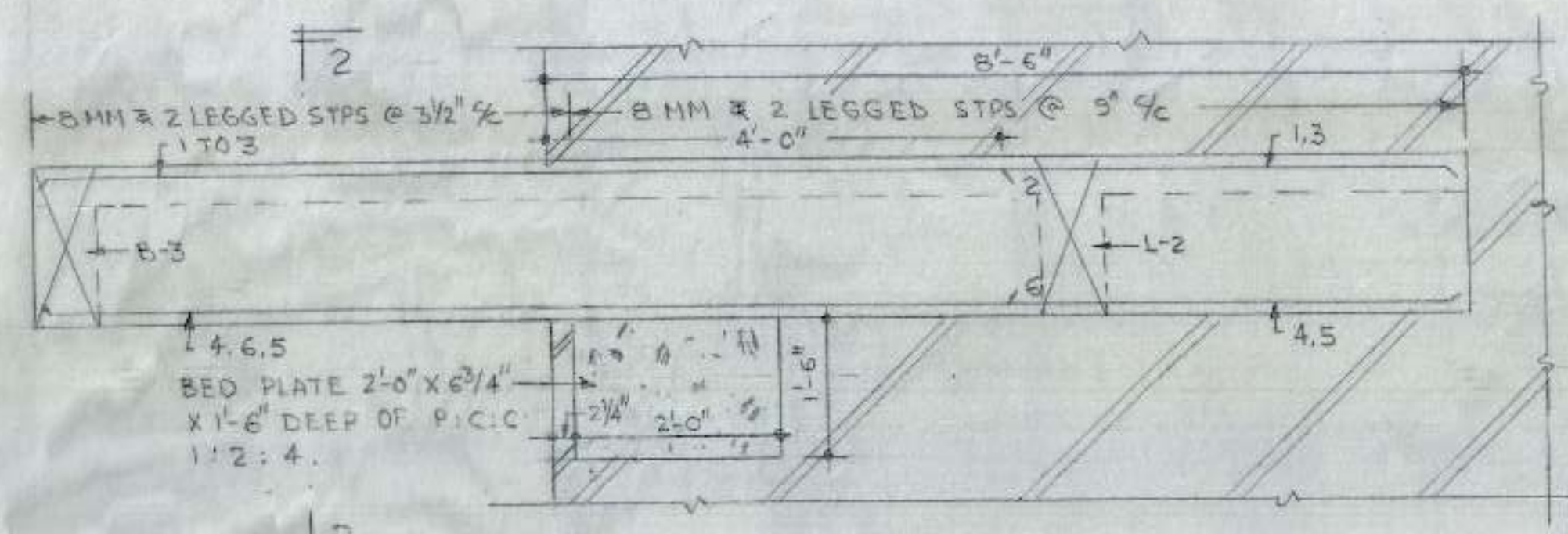
X-SECTION OF BEAM B-6-B (9" X 7 1/2")  
BARS IN BEAM B-6-B  
1 TO 6 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 6"  $\Phi$



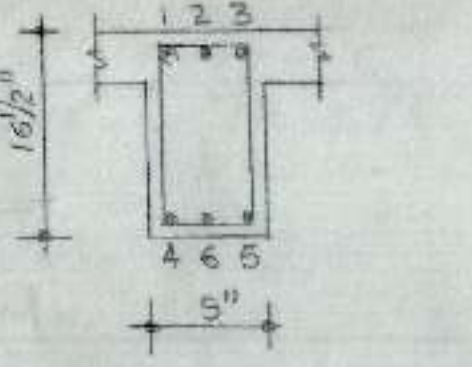
X-SECTION OF BEAM B-7 (4 1/2" X 16 1/2")  
BARS IN BEAM B-7  
1 TO 4 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 9"  $\Phi$



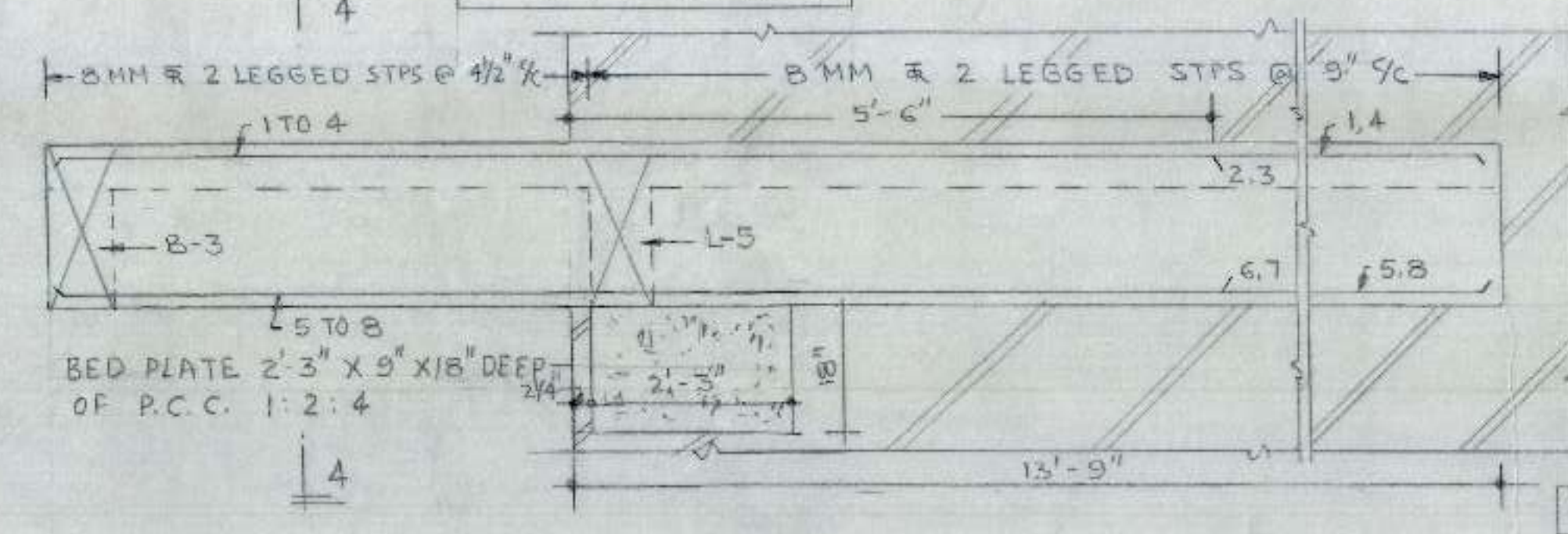
X-SECTION OF BEAM B-8 (5" X 15")  
BARS IN BEAM B-8  
1, 2 = 16 MM  $\Phi$   
3, 4 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 6"  $\Phi$  + REST @ 9"  $\Phi$  FROM SUPPORTS.  
BED PLATE 1'-3" X 9" X 9" DEEP OF P.C.C. 1:2:4.



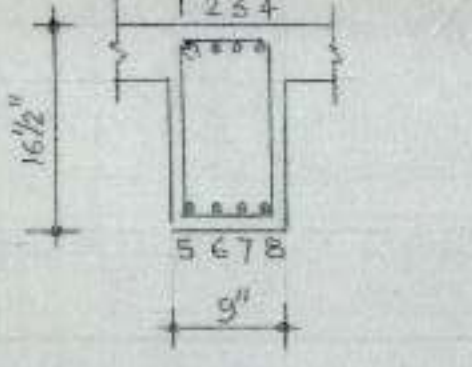
L-SECTION OF BEAM B-2 (9" X 16 1/2")



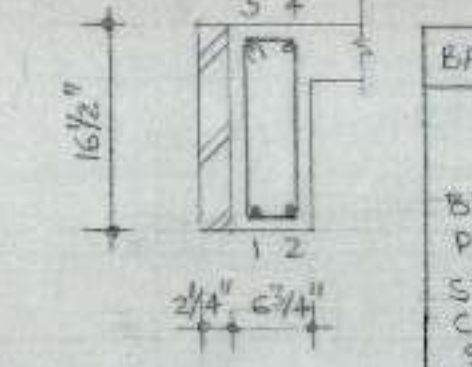
SECTION 2-2  
BARS IN BEAM B-2  
1 TO 6 = 25 MM  $\Phi$



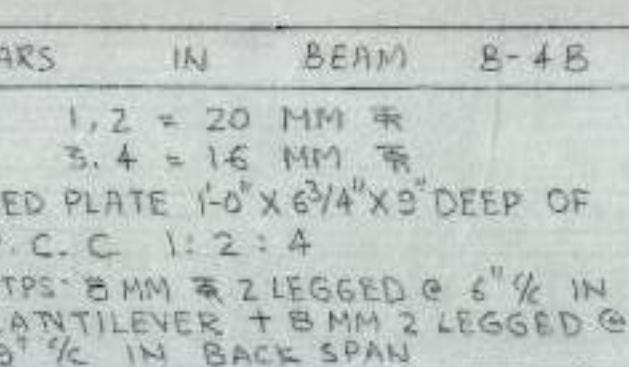
L-SECTION OF BEAM B-4 (9" X 16 1/2")



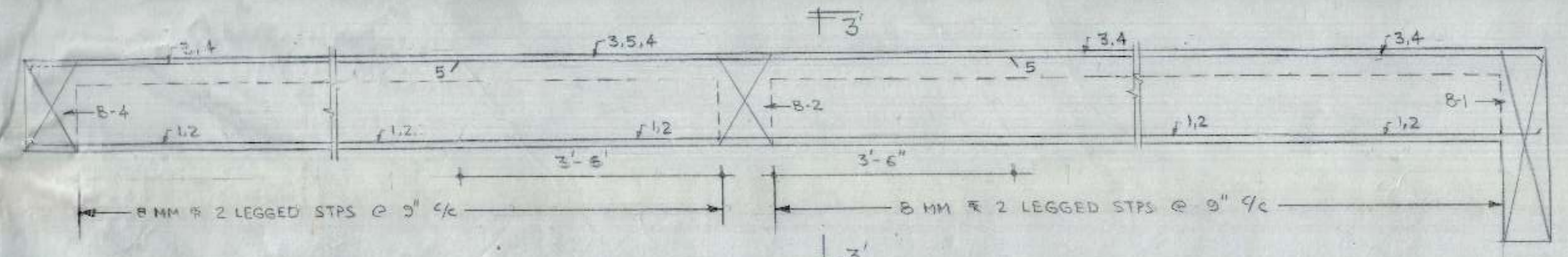
SECTION 4-4  
BARS IN BEAM B-4  
1 TO 8 = 20 MM  $\Phi$



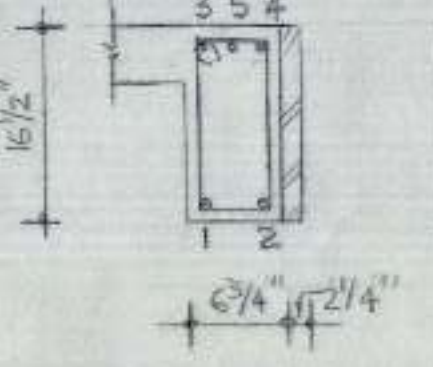
X-SECTION OF BEAM B-4 A (6 3/4" X 16 1/2")  
NOTE: BEAM B-4 A PROVIDED AT LOCATION OF BEAM B-4 IN END HOUSE.



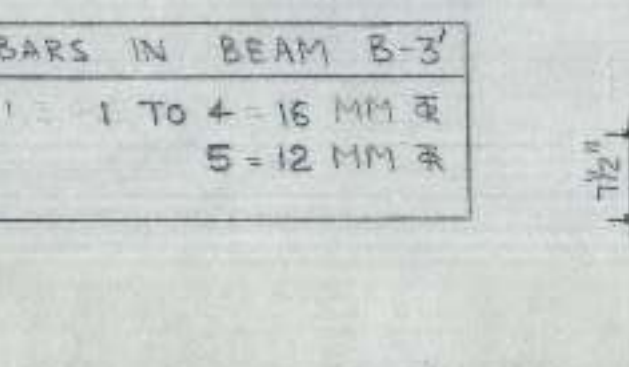
BARS IN BEAM B-4 B  
1, 2 = 20 MM  $\Phi$   
3, 4 = 16 MM  $\Phi$   
BED PLATE 1'-0" X 6 3/4" X 9" DEEP OF P.C.C. 1:2:4  
STPS: 8 MM  $\Phi$  2 LEGG @ 6"  $\Phi$  IN CANTILEVER + 8 MM  $\Phi$  2 LEGG @ 9"  $\Phi$  IN BACK SPAN



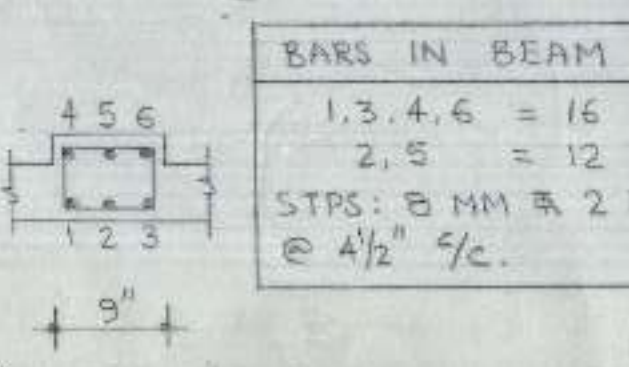
L-SECTION OF BEAM B-3 (6 3/4" X 16 1/2") NOTE: BEAM B-3 PROVIDED AT LOCATION OF BEAM B-3 IN END HOUSE.



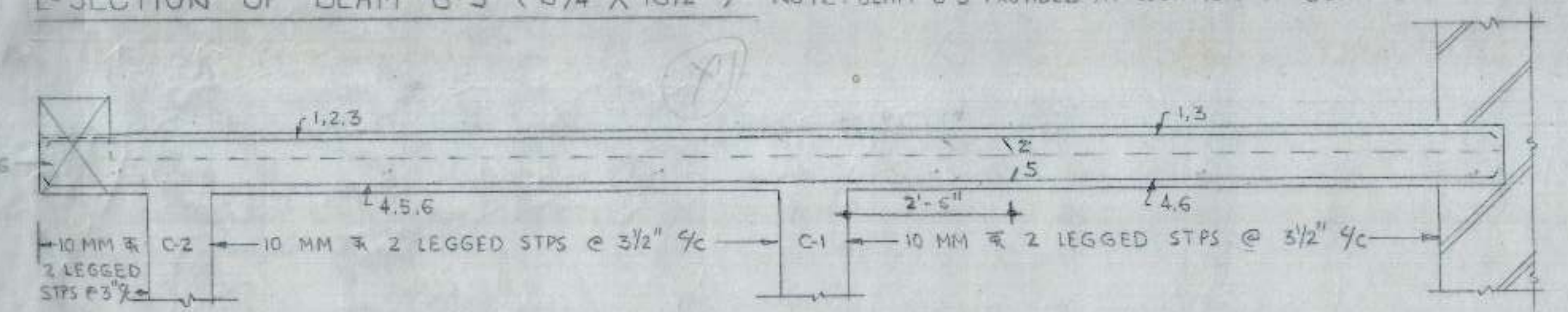
SECTION 3-3  
BARS IN BEAM B-3  
1 TO 4 = 16 MM  $\Phi$   
5 = 12 MM  $\Phi$



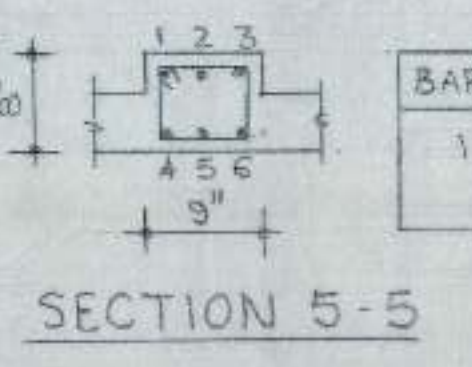
X-SECTION OF BEAM B-10 (9" X 7 1/2")  
BARS IN BEAM B-10  
1, 3, 4, 6 = 16 MM  $\Phi$   
2, 5 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 4 1/2"  $\Phi$



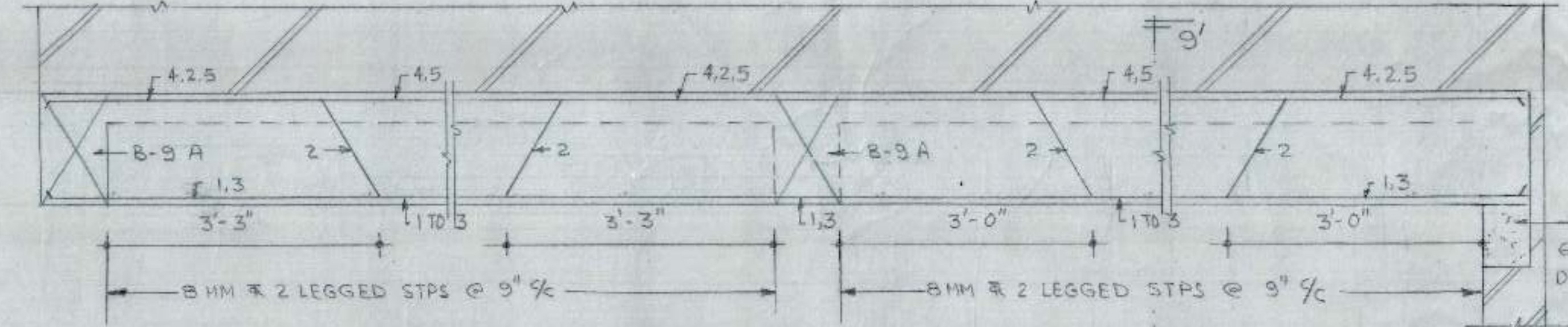
SECTION 9-9  
BARS IN BEAM B-9  
1, 3, 4, 5 = 12 MM  $\Phi$   
2 = 16 MM  $\Phi$



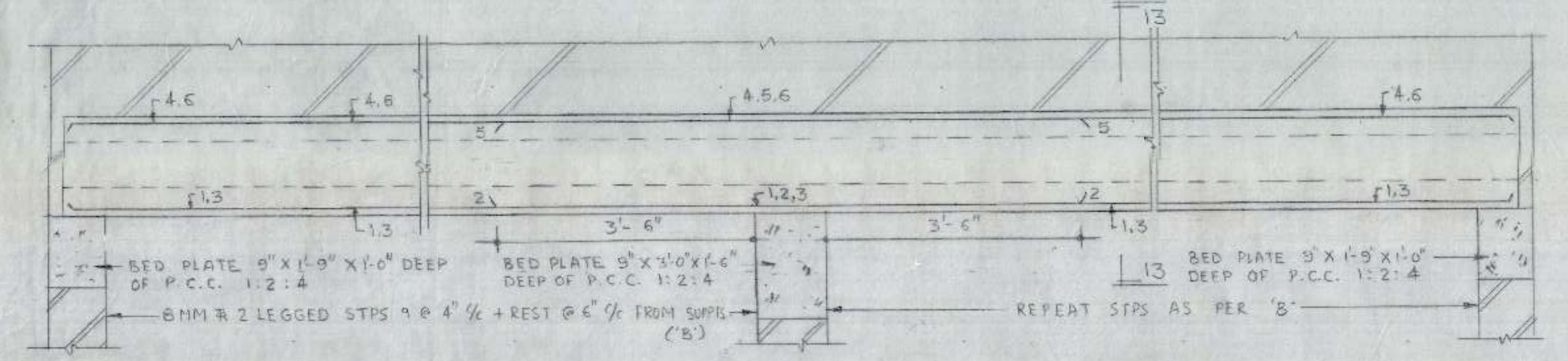
L-SECTION OF BEAM B-5 (9" X 8")



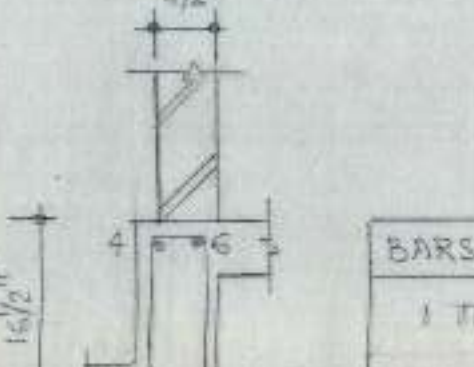
SECTION 5-5  
BARS IN BEAM B-5  
1 TO 6 = 25 MM  $\Phi$



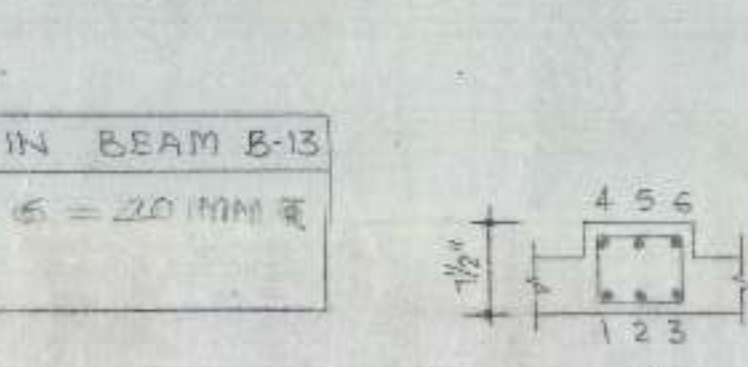
L-SECTION OF BEAM B-9 (6 3/4" X 16 1/2") NOTE: BEAM B-9 PROVIDED AT LOCATION OF BEAM B-9 IN END HOUSE.



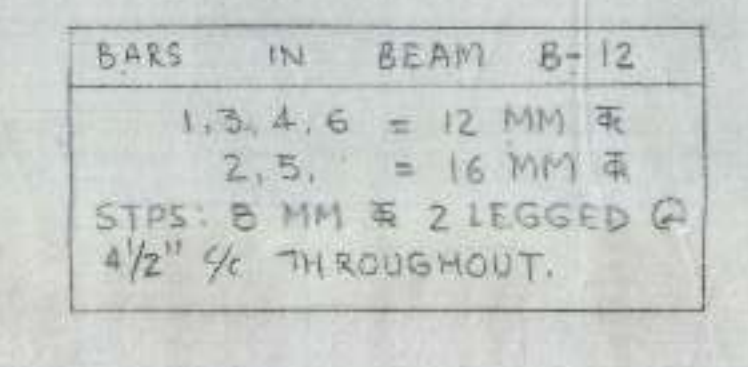
L-SECTION OF BEAM B-13 (7" X 16 1/2")



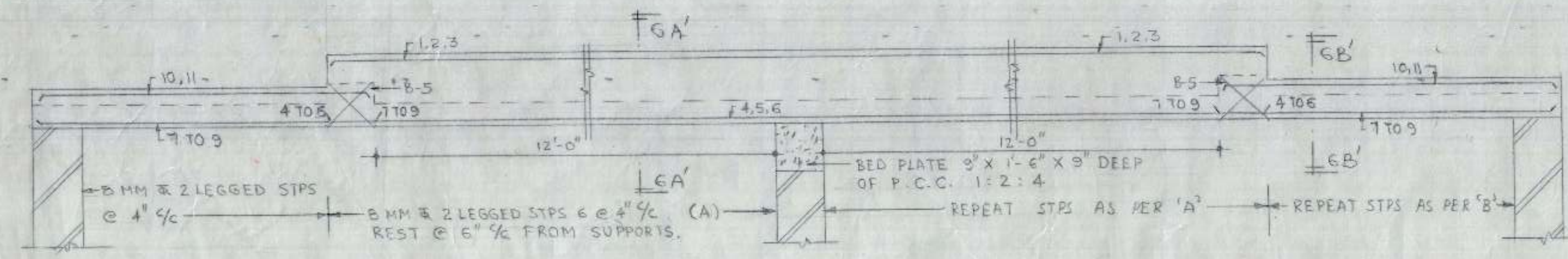
SECTION 13-13  
BARS IN BEAM B-13  
1 TO 6 = 20 MM  $\Phi$



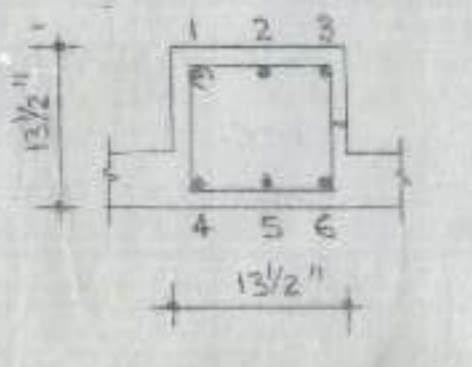
X-SECTION OF BEAM B-12 (9" X 7 1/2")  
BARS IN BEAM B-12  
1, 3, 4, 6 = 12 MM  $\Phi$   
2, 5 = 16 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 4 1/2"  $\Phi$  THROUGHOUT.



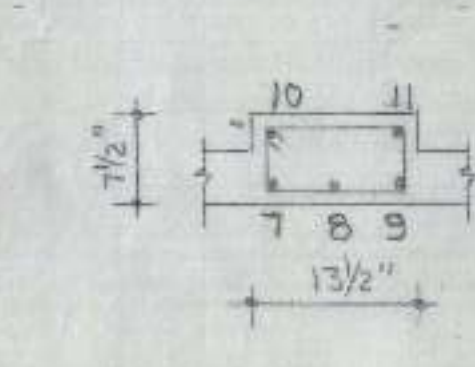
X-SECTION OF BEAM B-12 A (4 1/2" X 17")  
BARS IN BEAM B-12 A  
1 TO 4 = 12 MM  $\Phi$   
STPS: 8 MM  $\Phi$  2 LEGG @ 9"  $\Phi$



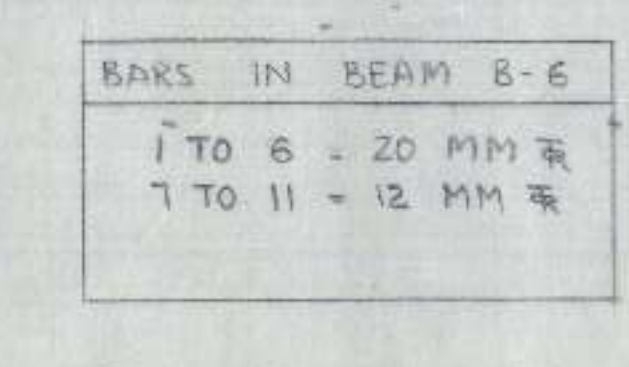
L-SECTION OF BEAM B-6 (13 1/2" X 13 1/2") & (13 1/2" X 7 1/2")



SECTION 6A-6A



SECTION 6B-6B



BARS IN BEAM B-6  
1 TO 6 = 20 MM  $\Phi$   
7 TO 11 = 12 MM  $\Phi$

CHANDIGARH HOUSING BOARD

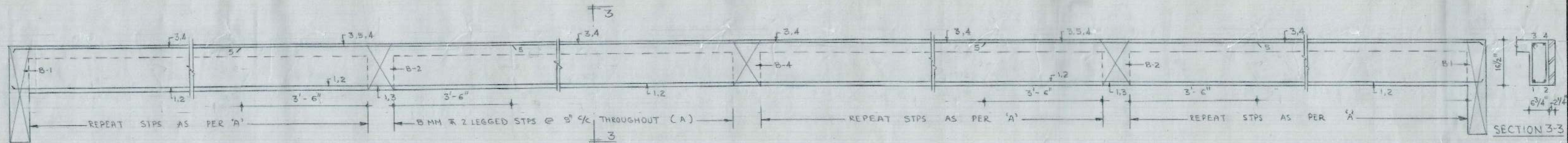
TITLE: DETAILS OF BEAMS REINFORCEMENT AT FIRST FLOOR LEVEL.

|                       |                         |
|-----------------------|-------------------------|
| SCALE: 3/4" = 1'-0"   | CHECKED BY: [Signature] |
| DEALT BY: [Signature] | DATED: SEPT, 1994       |
| JOB NO.: HT           | DRG NO.: 03             |

M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH

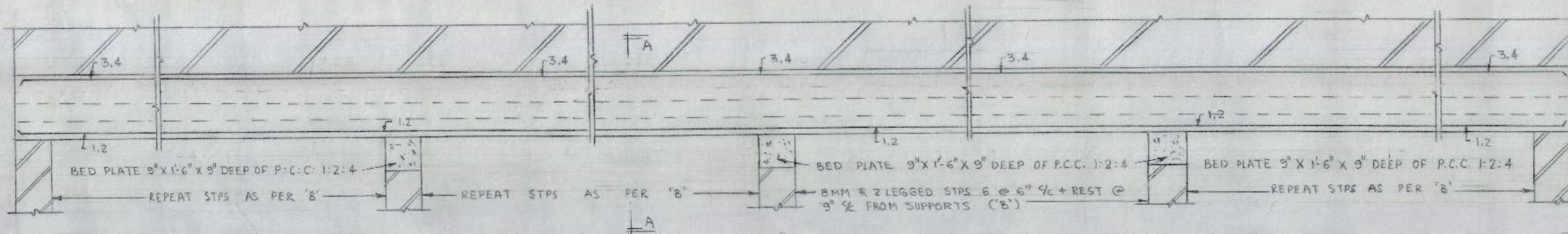


NOTES:  
1 FOR STRUCTURAL NOTES REFER DRG NO 02 JOB NO HT.



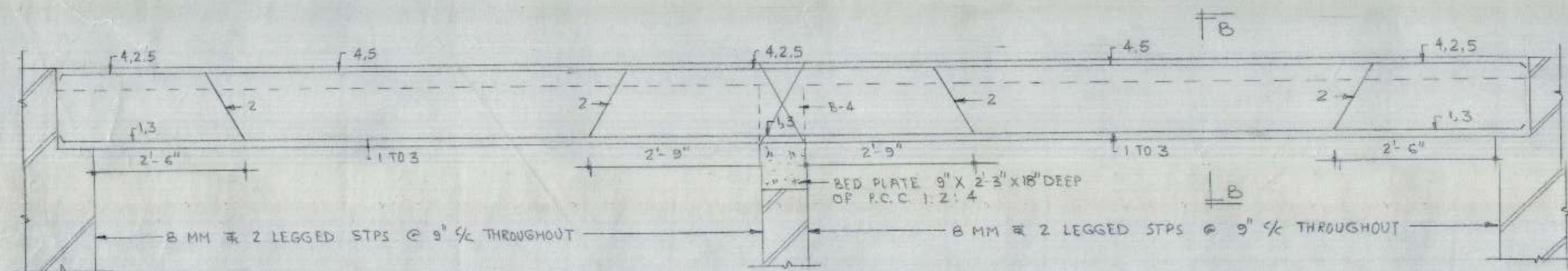
| BARS IN BEAM B-3 |                |
|------------------|----------------|
| 1 TO 4           | = 16 MM $\Phi$ |
| 5                | = 12 MM $\Phi$ |

L-SECTION OF BEAM B-3 (6 3/4" X 16 1/2")



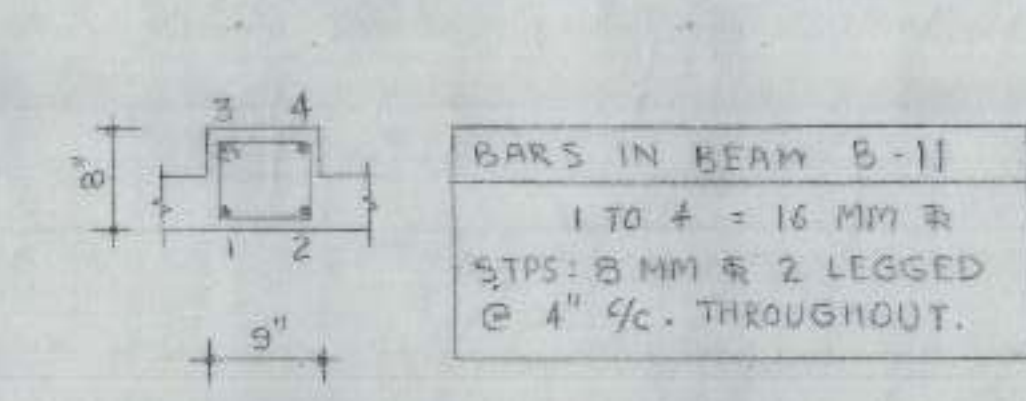
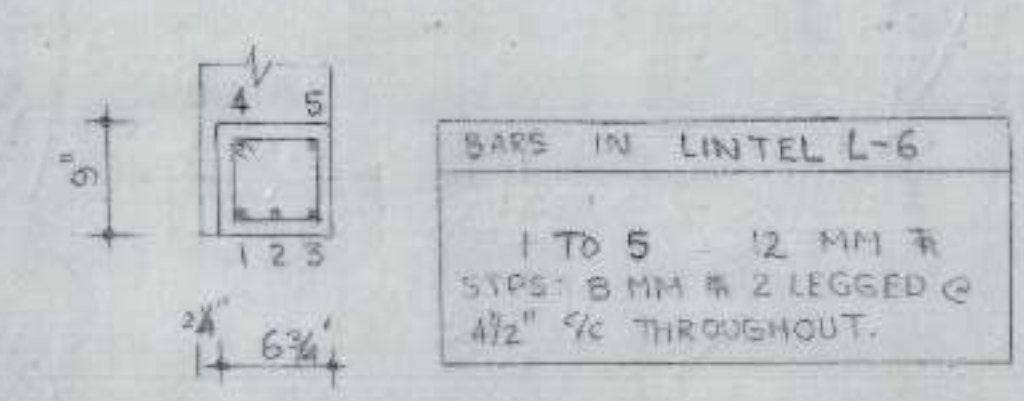
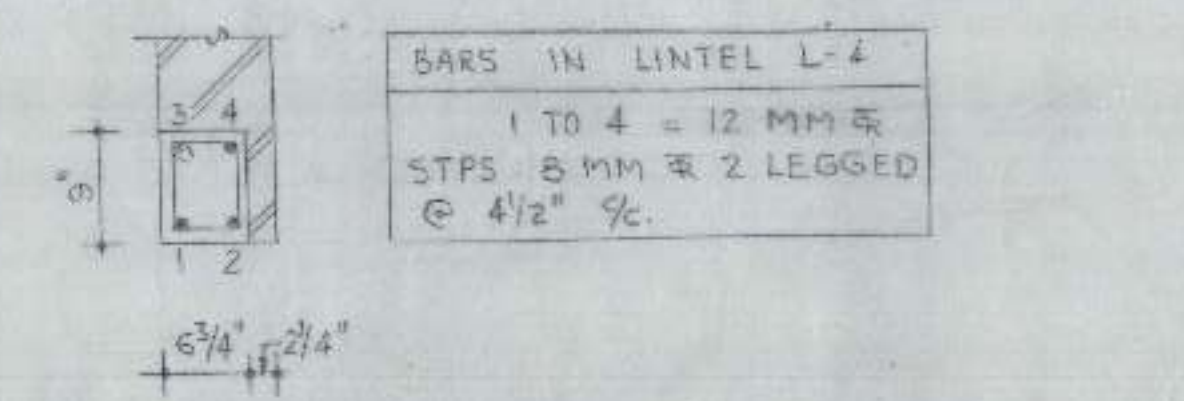
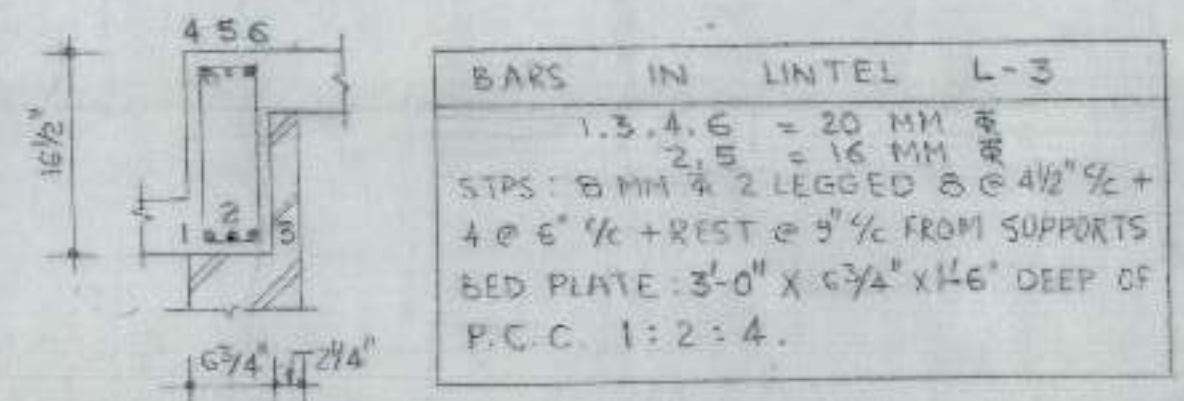
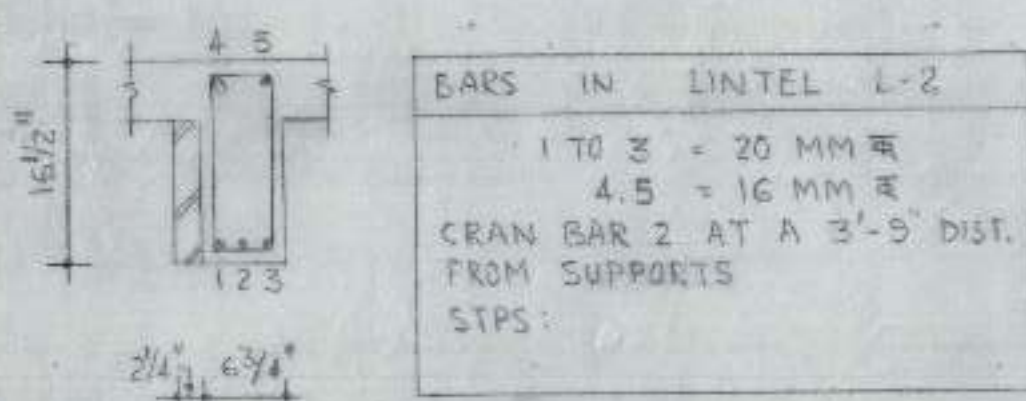
| BARS IN LINTEL L-1 |                |
|--------------------|----------------|
| 1 TO 4             | = 20 MM $\Phi$ |

L-SECTION OF LINTEL L-1 (6 3/4" X 13 1/2")



| BARS IN LINTEL L-5 |                |
|--------------------|----------------|
| 1 TO 5             | = 12 MM $\Phi$ |

L-SECTION OF LINTEL L-5 (6 3/4" X 16 1/2")



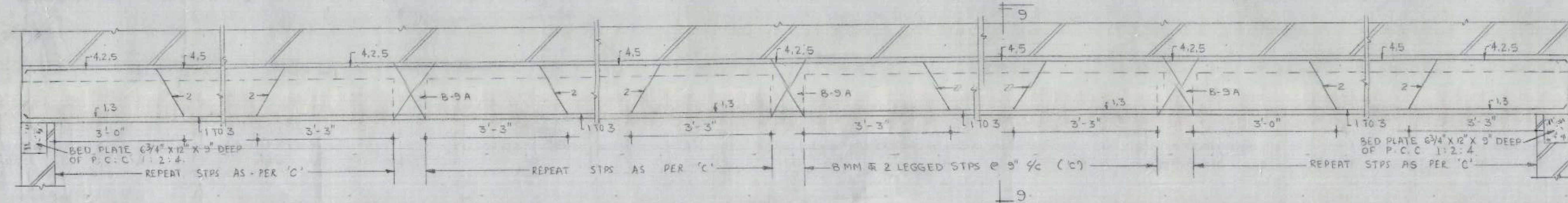
X-SECTION OF LINTEL L-2 (6 3/4" X 17")

X-SECTION OF LINTEL L-3 (6 3/4" X 16 1/2")

X-SECTION OF LINTEL L-4 (6 3/4" X 9")

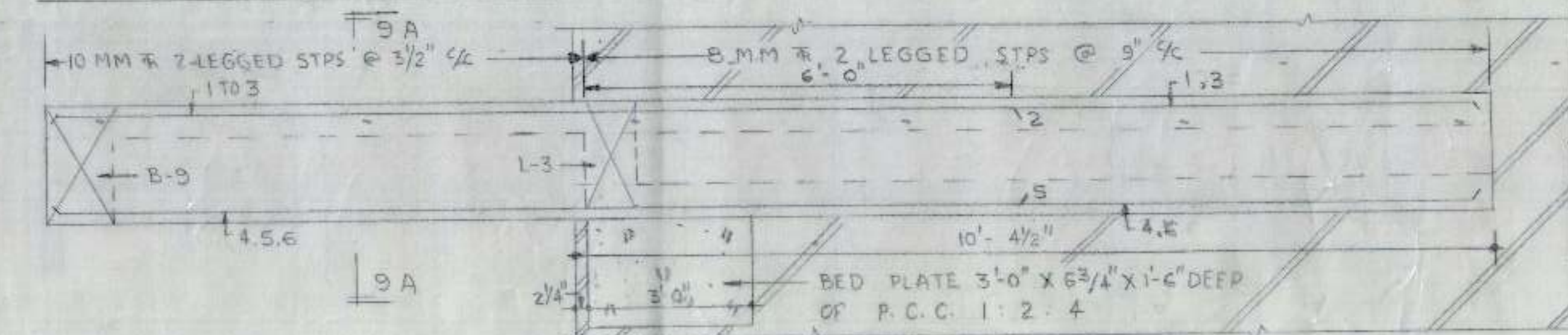
X-SECTION OF LINTEL L-6 (9" X 9")

X-SECTION OF BEAM B-11 (9" X 9")



| BARS IN BEAM B-9 |                |
|------------------|----------------|
| 1, 3, 4, 5       | = 12 MM $\Phi$ |
| 2                | = 16 MM $\Phi$ |

L-SECTION OF BEAM B-9 (6 3/4" X 16 1/2")



| BARS IN BEAM B-9A |                |
|-------------------|----------------|
| 1 TO 6            | = 25 MM $\Phi$ |

L-SECTION OF BEAM B-9A (9" X 16 1/2")

CHANDIGARH HOUSING BOARD

TITLE:  
DETAILS OF BEAMS REINFORCEMENT AT FIRST FLOOR LEVEL.

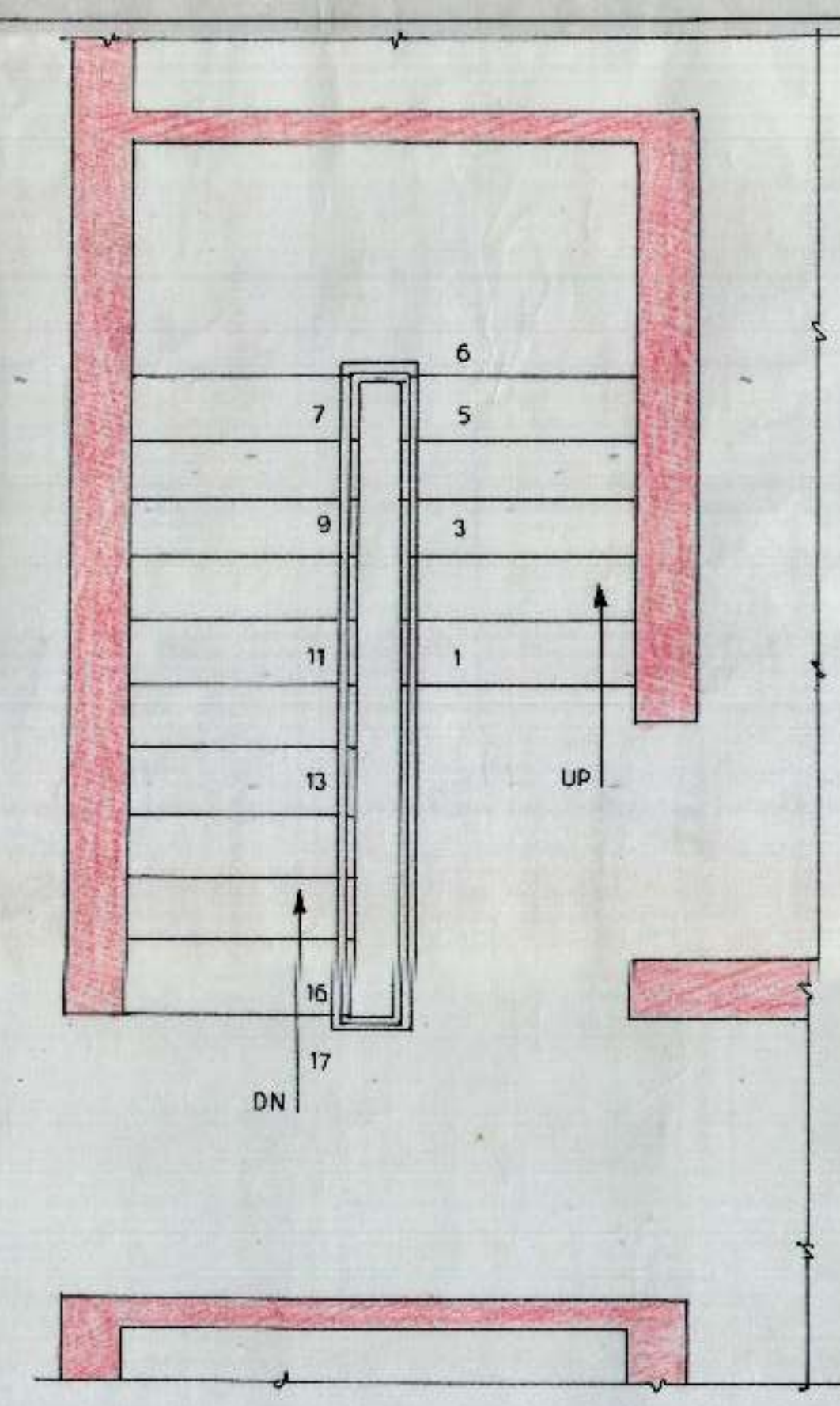
|                       |                         |
|-----------------------|-------------------------|
| SCALE: 3/4" = 1'-0"   | CHECKED BY: [Signature] |
| DEALT BY: [Signature] | DATED: SEPT. 1994       |
| JOB NO: HT            | DRG NO: 04              |

M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH

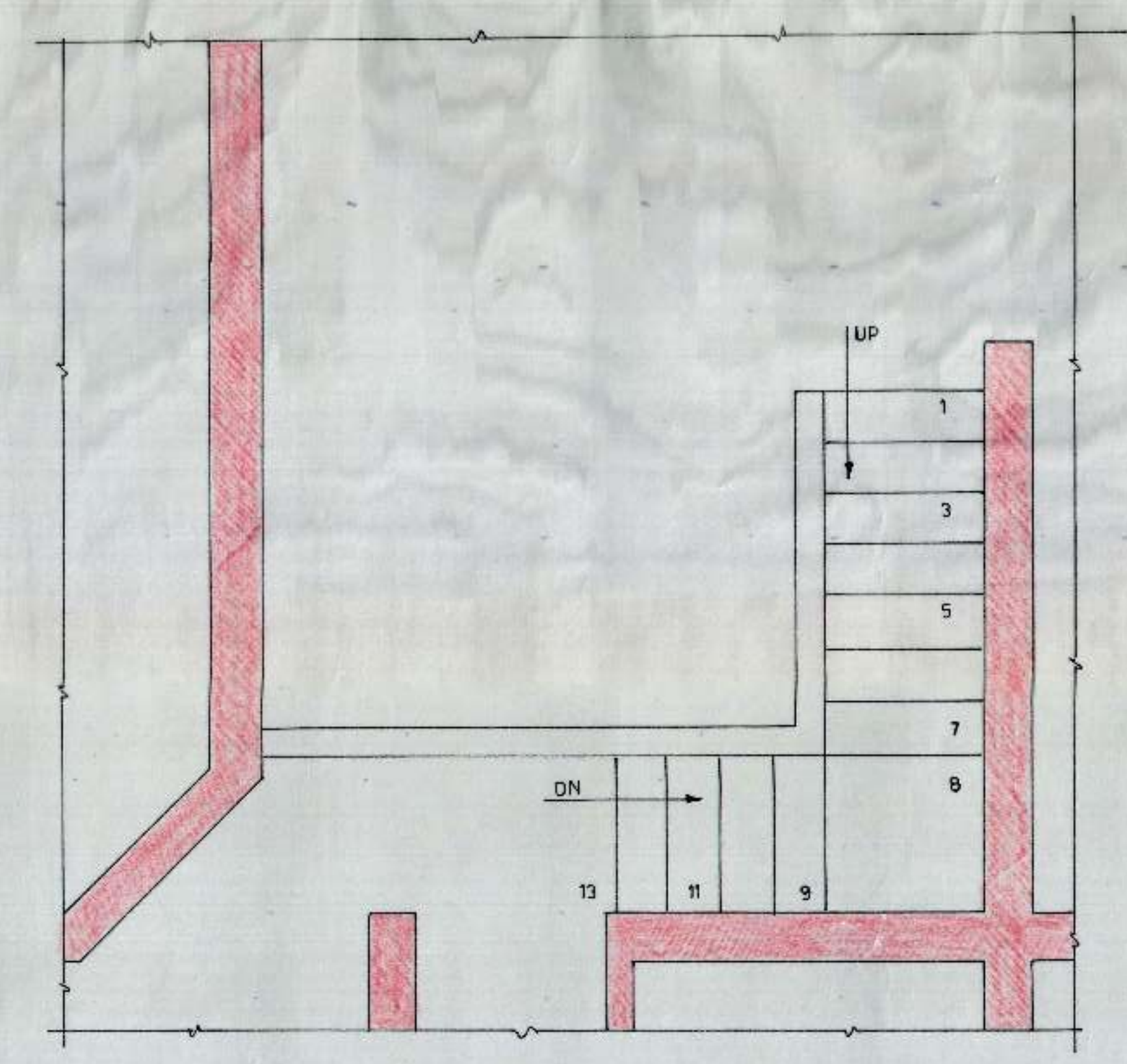


FIG. 5E TYPE - V1  
SECTOR 24  
CHANDIGARH

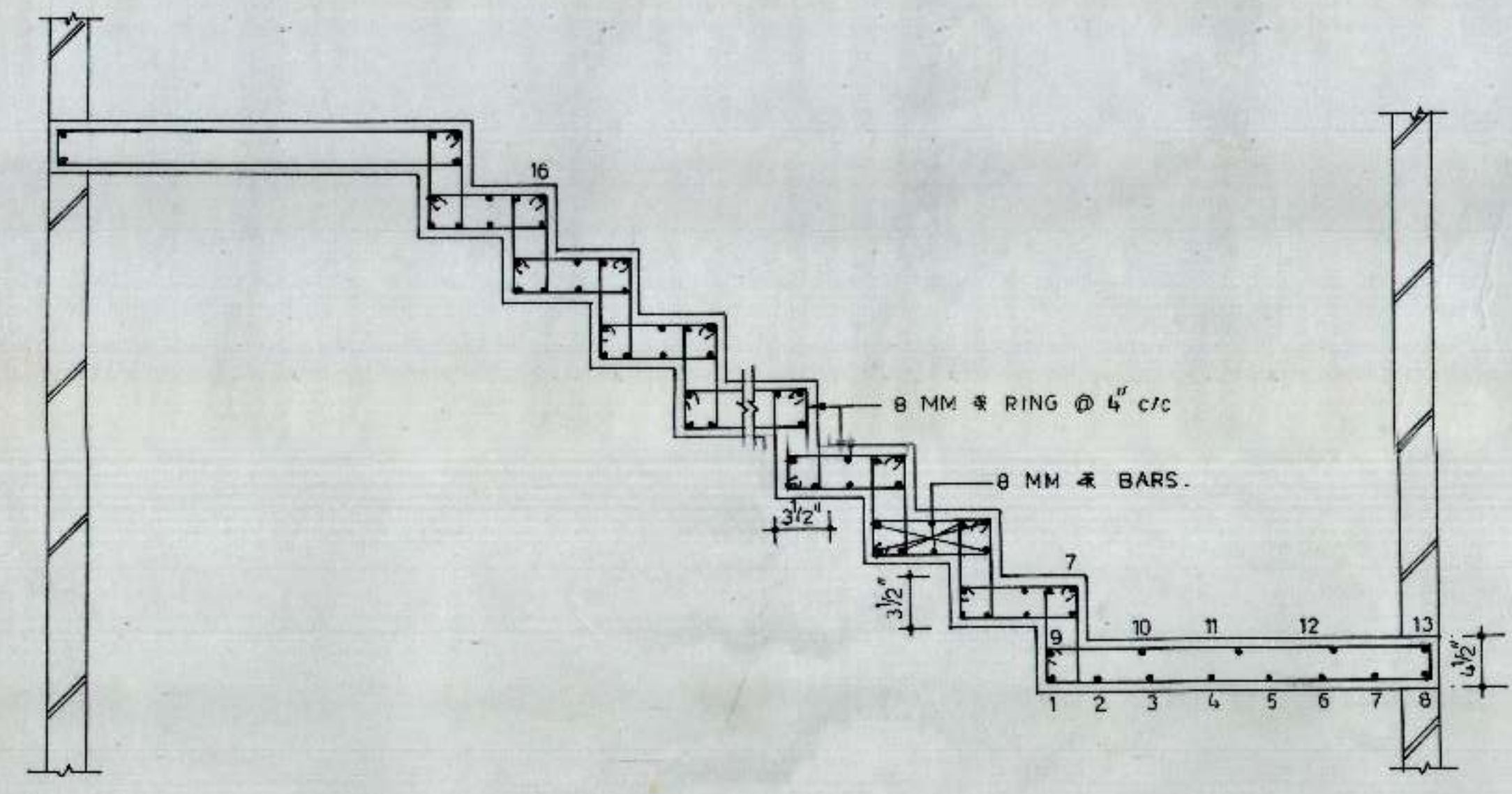
- NOTES
- FOR STRUCTURAL NOTES REFER DRG NO. 01, JOB NO. HT.
  - CEMENT MORTAR IS TO BE USED M.200
  -



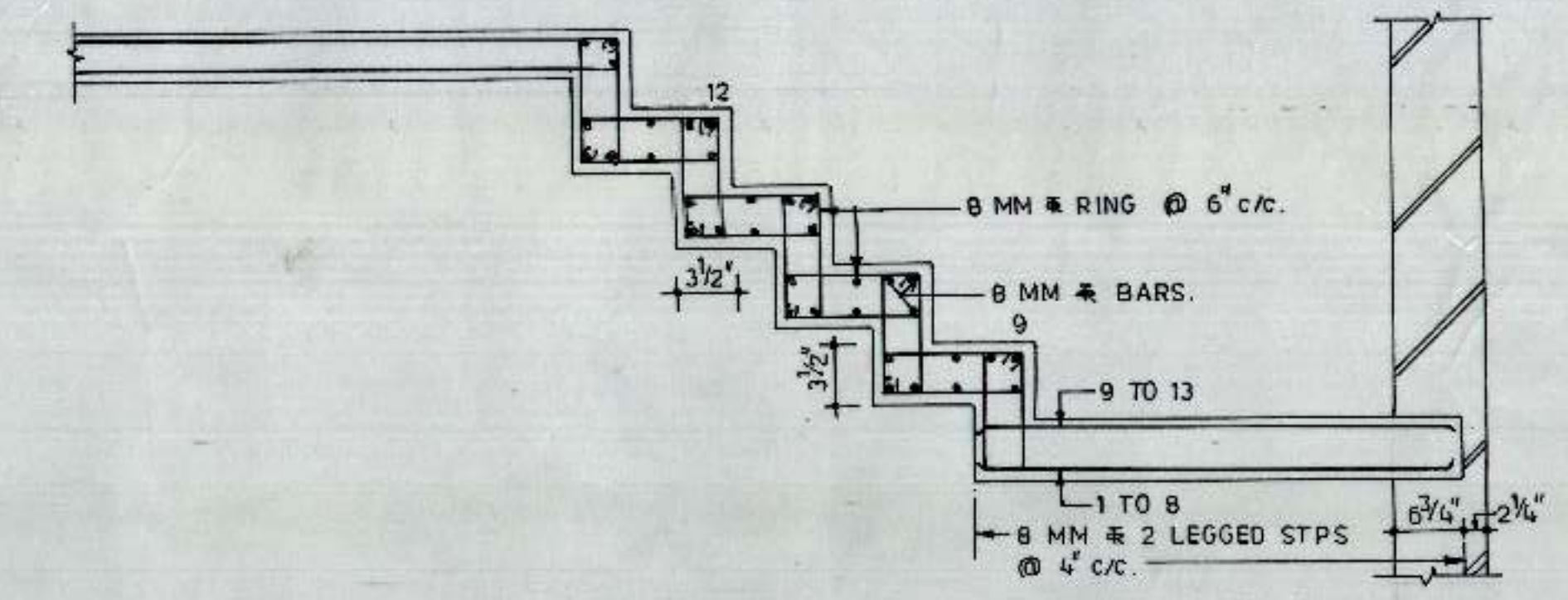
KEY PLAN



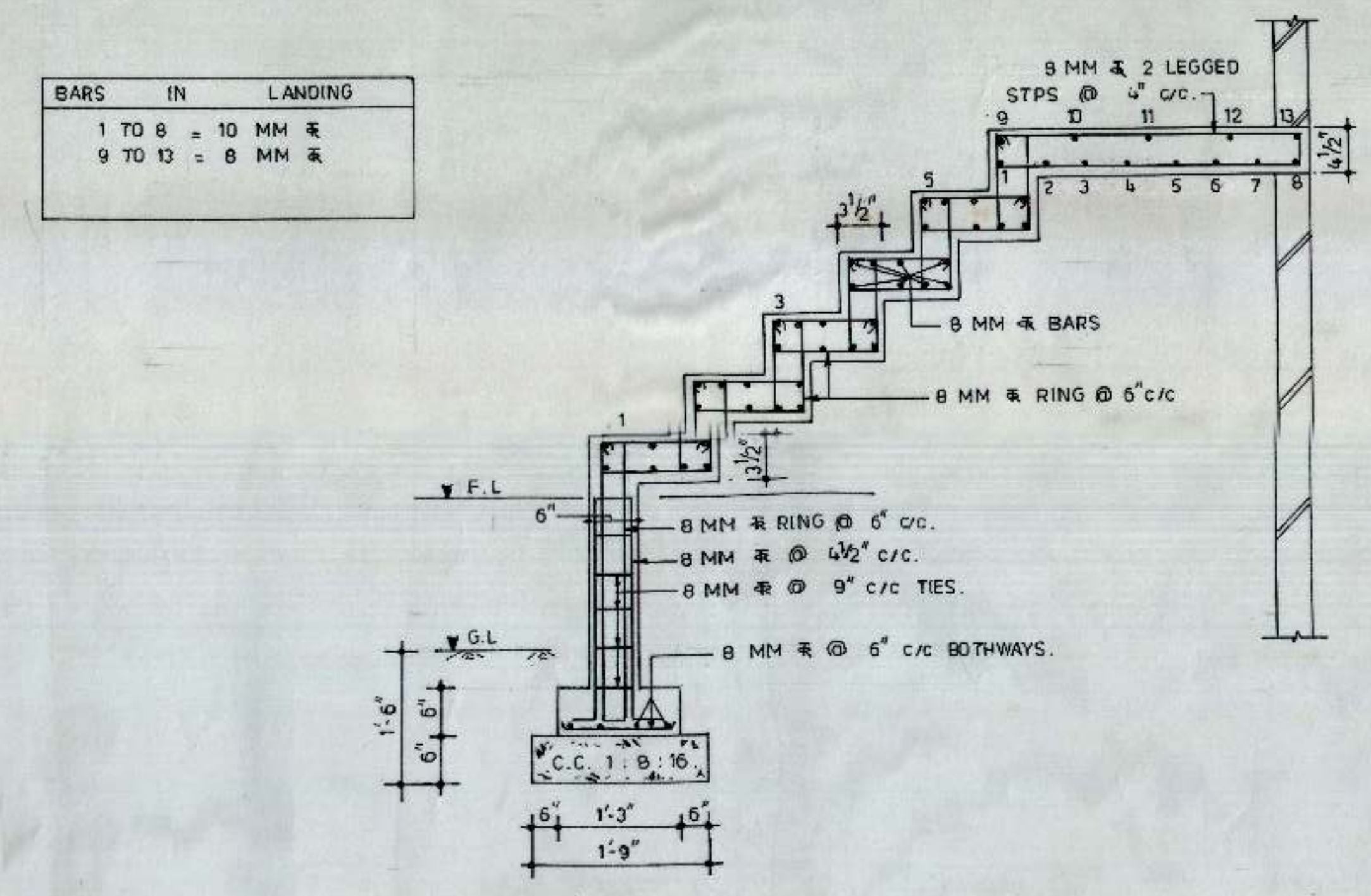
KEY PLAN



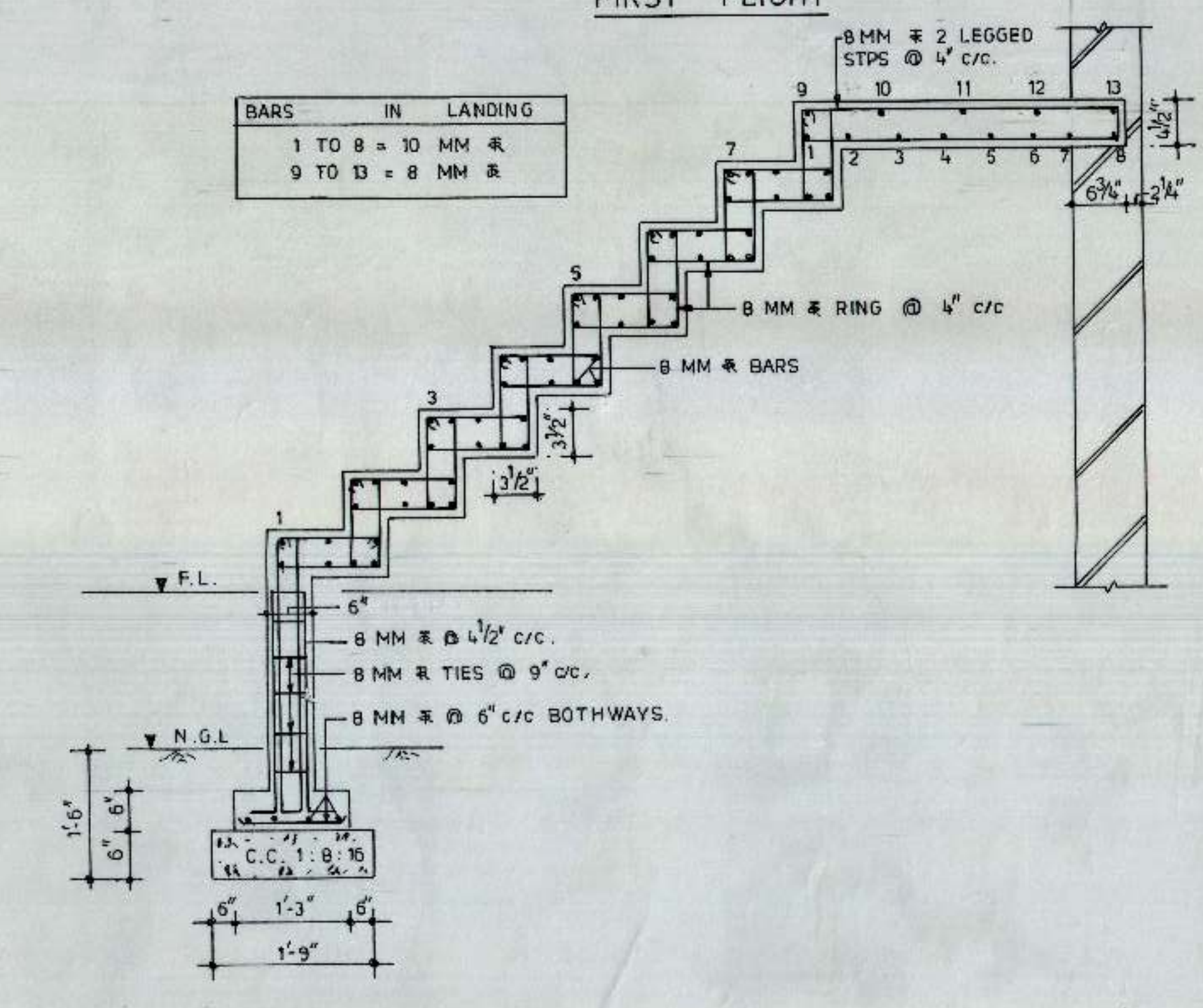
SECOND FLIGHT



FIRST FLIGHT



FIRST FLIGHT



FIRST FLIGHT

CHANDIGARH  
HOUSING BOARD

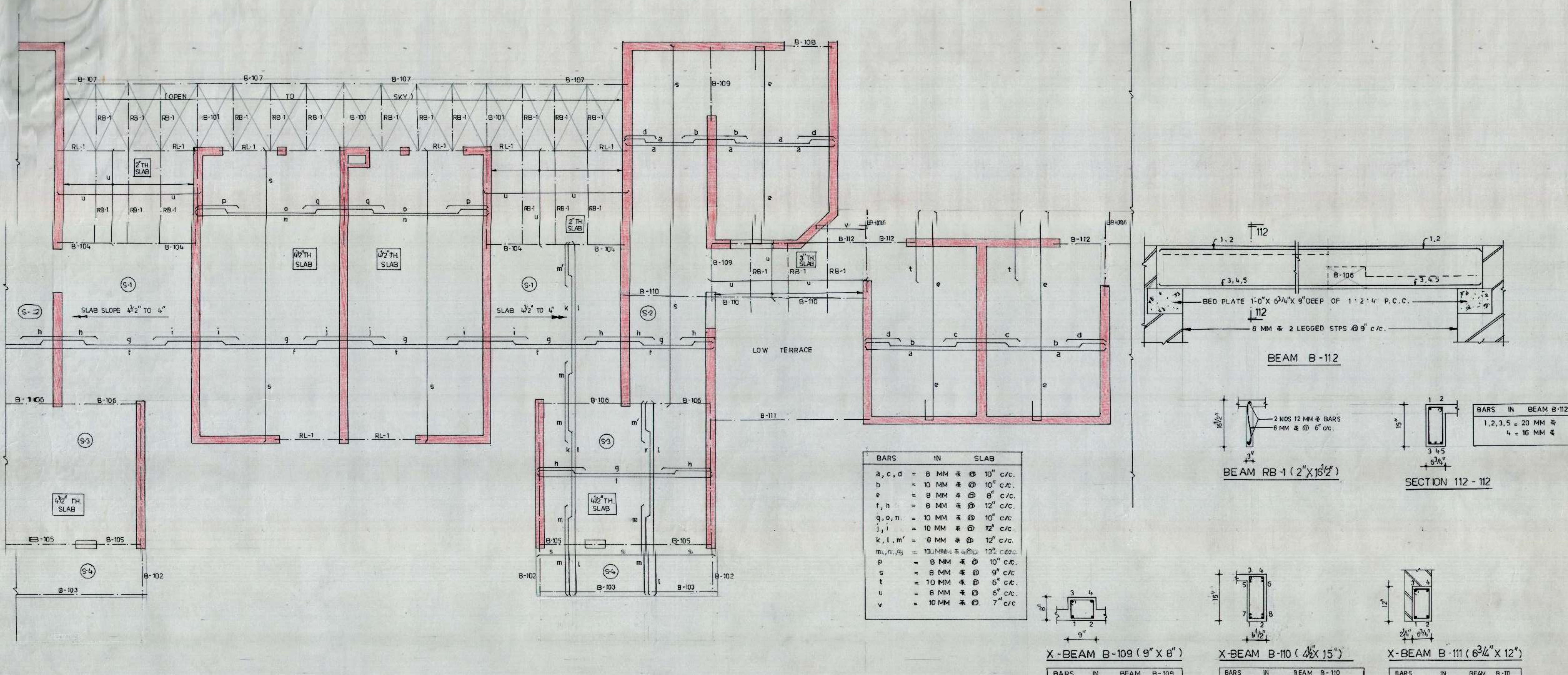
TITLE :  
DETAILS OF STAIRCASE

|              |              |
|--------------|--------------|
| SCALE : 1"   | CHECKED BY : |
| DEALT BY :   | DATED :      |
| JOB NO. : HT | DRG NO. : 05 |

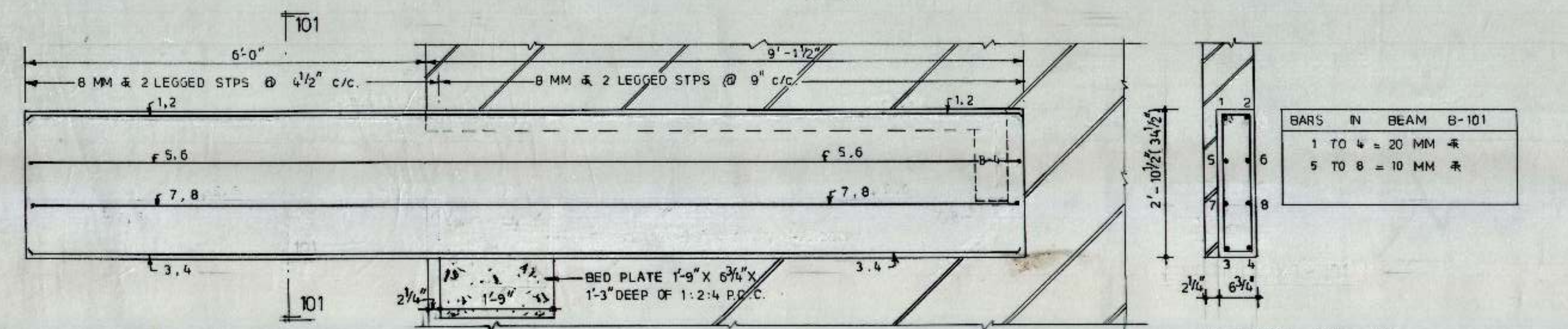
M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH



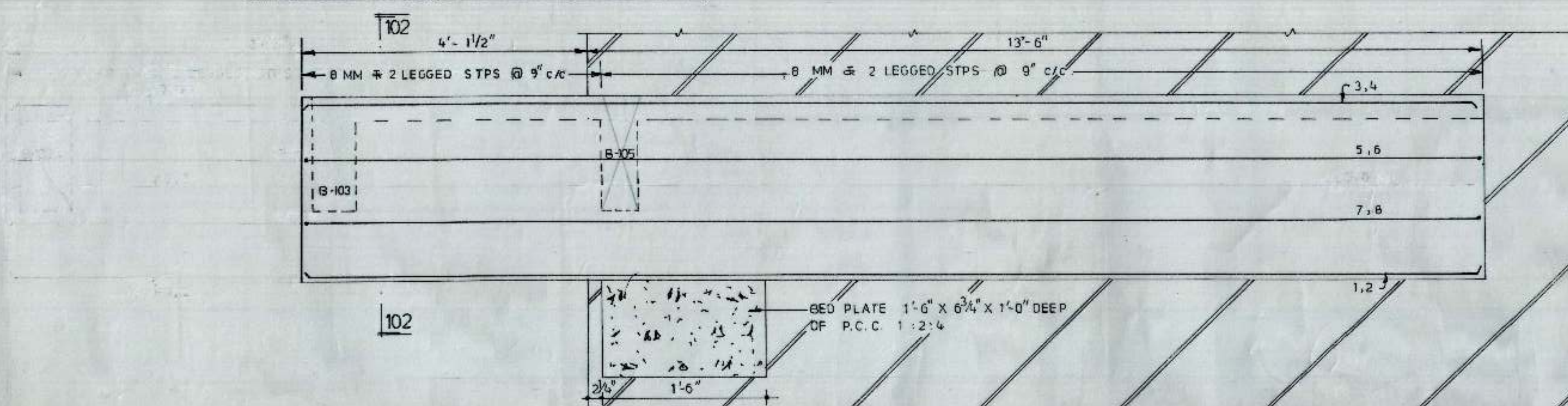
NOTES :-  
1. FOR STRUCTURE NOTES REFER DRG NO. 01, JOB NO. HT.



KEY PLAN (TERRACE LEVEL)  
NOTE: SLAB 4" THICK THROUGHOUT, UNLESS OTHERWISE SPECIFIED.

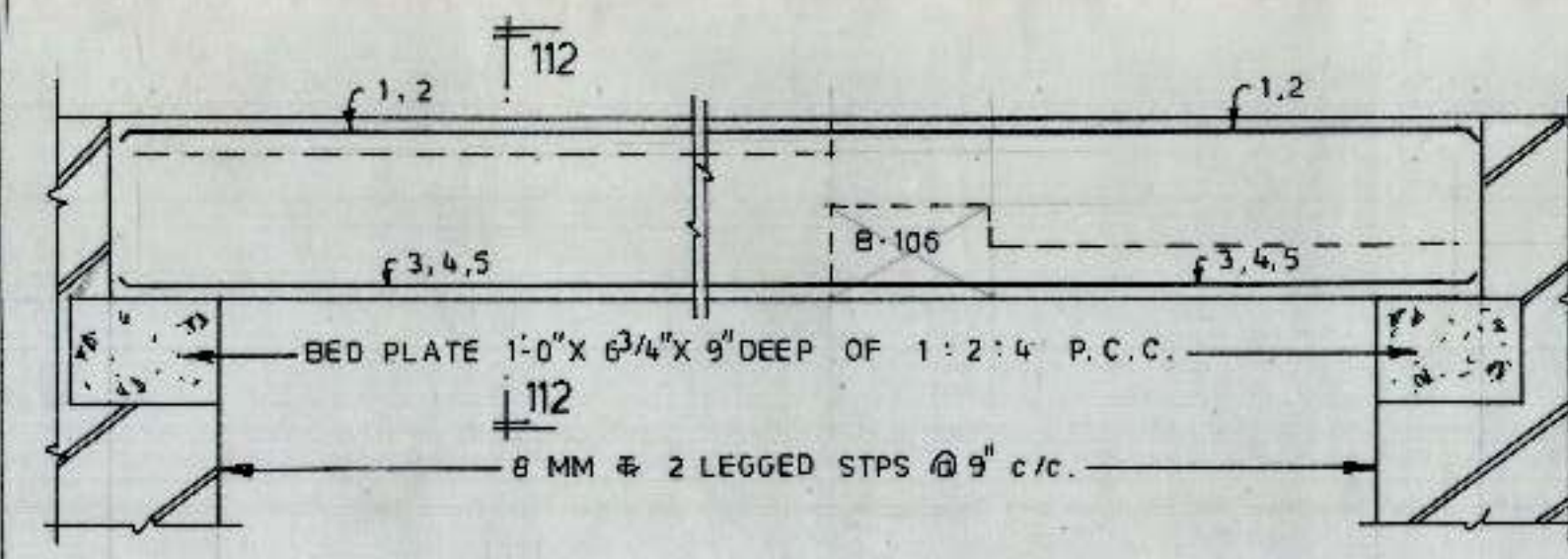


L-SECTION OF BEAM B-101 (6 3/4" X 3 1/2")

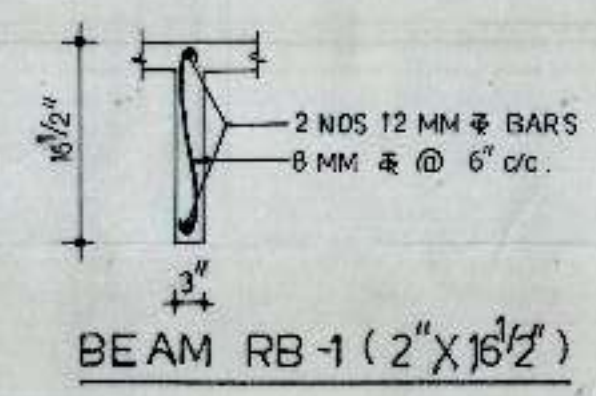


L-SECTION OF BEAM B-102 (6 3/4" X 3 1/2")

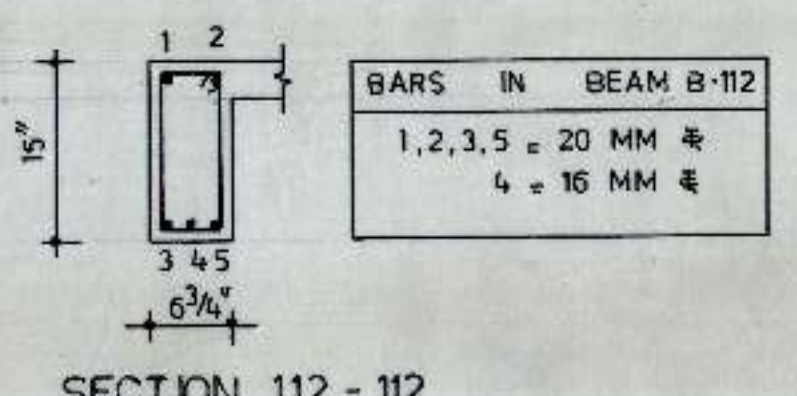
| BARS     | IN | SLAB               |
|----------|----|--------------------|
| a, c, d  | =  | 8 MM # @ 10" c/c.  |
| b        | =  | 10 MM # @ 10" c/c. |
| e        | =  | 8 MM # @ 6" c/c.   |
| f, h     | =  | 8 MM # @ 12" c/c.  |
| q, o, n  | =  | 10 MM # @ 10" c/c. |
| j, i     | =  | 10 MM # @ 12" c/c. |
| k, l, m' | =  | 8 MM # @ 12" c/c.  |
| m, n, q  | =  | 10 MM # @ 12" c/c. |
| p        | =  | 8 MM # @ 10" c/c.  |
| s        | =  | 8 MM # @ 9" c/c.   |
| t        | =  | 10 MM # @ 6" c/c.  |
| u        | =  | 8 MM # @ 6" c/c.   |
| v        | =  | 10 MM # @ 7" c/c.  |



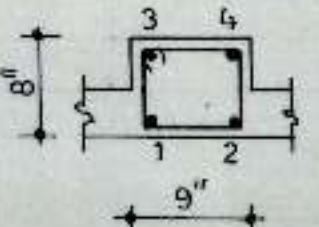
BEAM B-112



BEAM RB-1 (2" X 1 1/2")

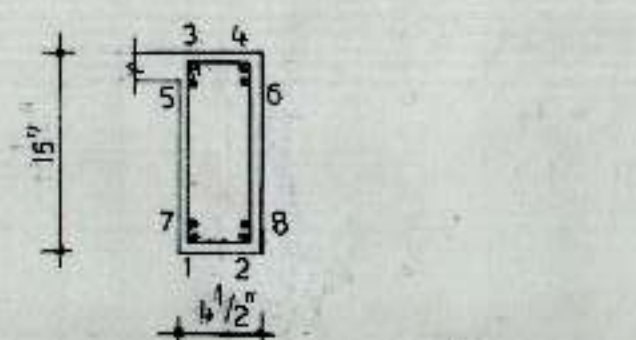


SECTION 112 - 112



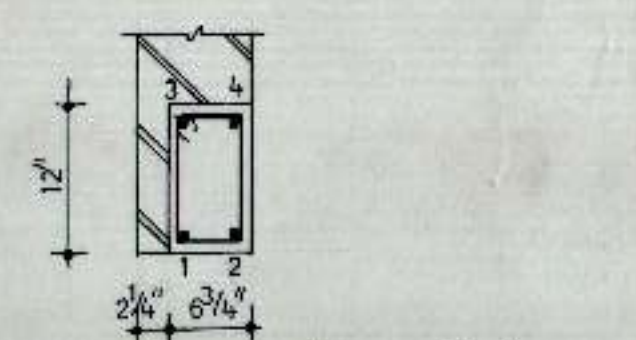
X-BEAM B-109 (9" X 8")

| BARS                                | IN | BEAM B-109 |
|-------------------------------------|----|------------|
| 1 TO 4                              | =  | 20 MM #    |
| 5 TO 8                              | =  | 16 MM #    |
| STPS: 8 MM # 2 LEGGED @ 4 1/2" c/c. |    |            |



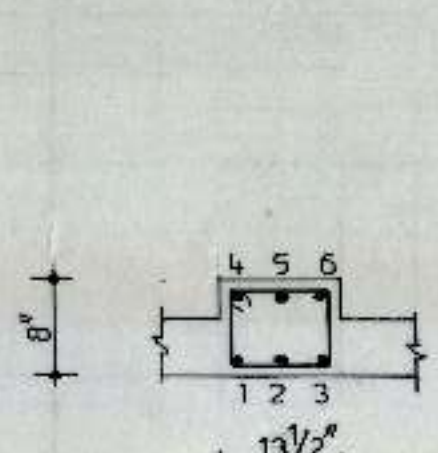
X-BEAM B-110 (4 1/2" X 15")

| BARS  | IN | BEAM B-110 |
|---|----|------------|
| 1 TO 4  | =  | 20 MM #    |
| 5 TO 8  | =  | 16 MM #    |
| STPS: 8 MM # 2 LEGGED STPS @ 6" c/c + REST @ 9" c/c FROM SUPPORTS. PROVIDE BED PLATE 1'-0" X 6 3/4" X 9" DEEP OF 1:2:4 P.C.C. |    |            |



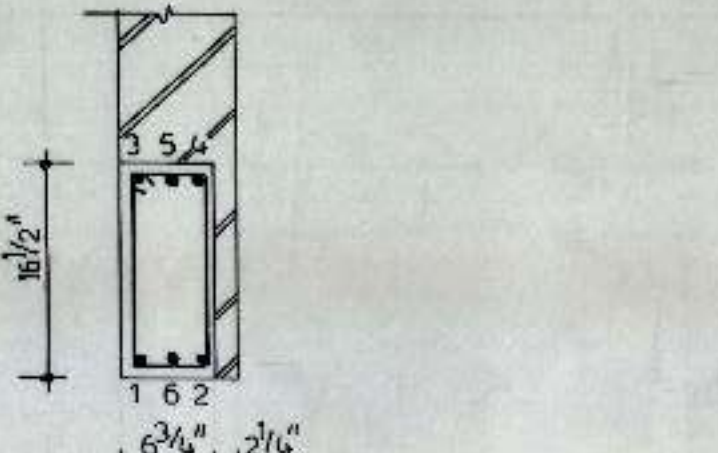
X-BEAM B-111 (6 3/4" X 12")

| BARS                            | IN | BEAM B-111 |
|---------------------------------|----|------------|
| 1 TO 4                          | =  | 12 MM #    |
| STPS: 8 MM # 2 LEGGED @ 9" c/c. |    |            |



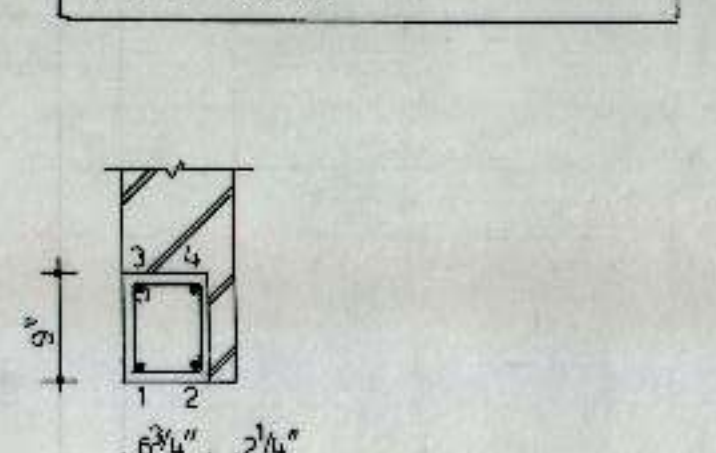
X-BEAM B-106 (13 1/2" X 8")

| BARS  | IN | BEAM B-106 |
|---|----|------------|
| 1, 3, 4, 6  | =  | 12 MM #    |
| 2, 5  | =  | 16 MM #    |
| PROVIDE BED PLATE 1'-0" X 9" X 6" DEEP OF P.C.C. 1:2:4. STPS: 8 MM # 2 LEGGED @ 4 1/2" c/c. |    |            |



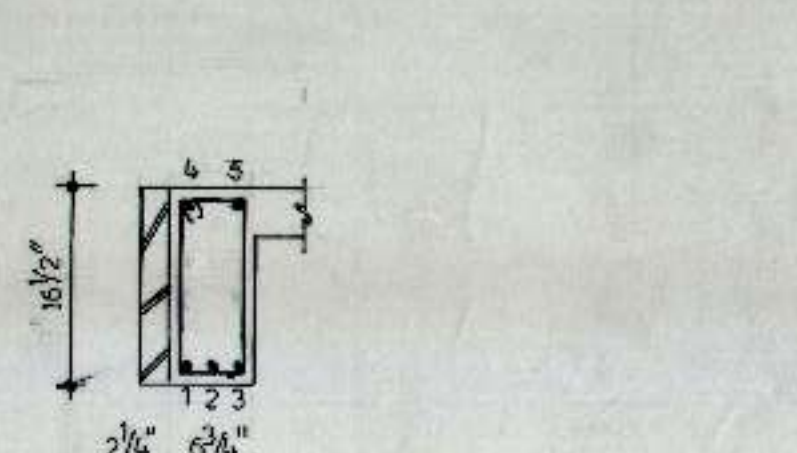
X-BEAM B-107 (6 3/4" X 16 1/2")

| BARS   | IN | BEAM B-107 |
|--|----|------------|
| 1 TO 5   | =  | 20 MM #    |
| STPS: 8 MM # 2 LEGGED @ 6" c/c. REST @ 9" c/c FROM SUPPORTS. |    |            |



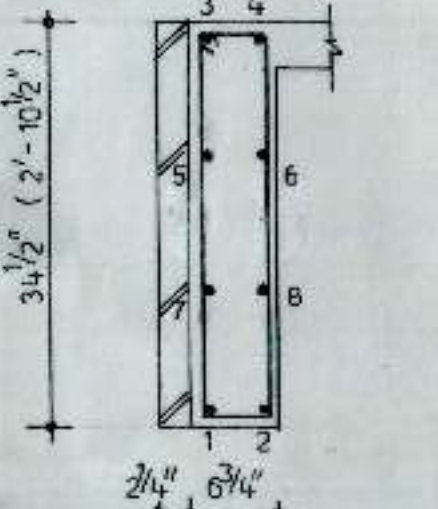
X-BEAM B-108 (6 3/4" X 9")

| BARS                            | IN | BEAM B-108 |
|---------------------------------|----|------------|
| 1 TO 4                          | =  | 12 MM #    |
| STPS: 8 MM # 2 LEGGED @ 6" c/c. |    |            |



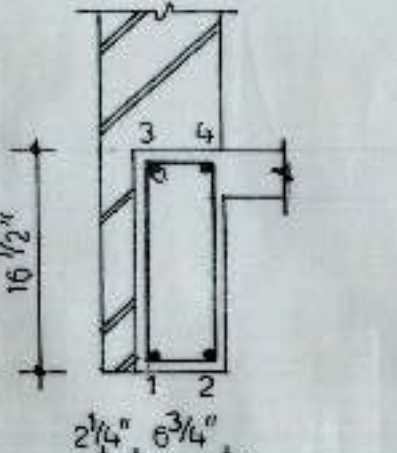
X-LINTEL RL-1 (6 3/4" X 16 1/2")

| BARS                            | IN | LINTEL RL-1 |
|---------------------------------|----|-------------|
| 1 TO 5                          | =  | 12 MM #     |
| STPS: 8 MM # 2 LEGGED @ 6" c/c. |    |             |



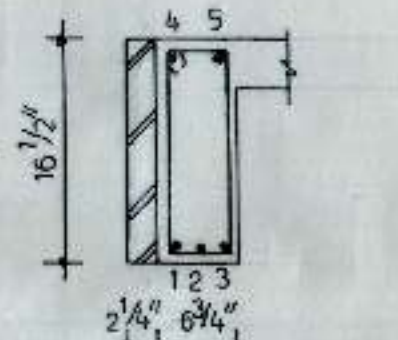
SECTION 102 - 102

| BARS   | IN | BEAM B-102 |
|--------|----|------------|
| 1 TO 4 | =  | 16 MM #    |
| 5 TO 8 | =  | 10 MM #    |



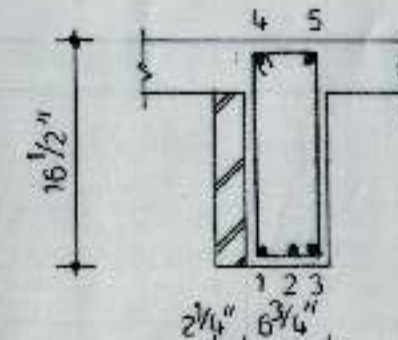
X-BEAM B-103 (6 3/4" X 16 1/2")

| BARS                            | IN | BEAM B-103 |
|---------------------------------|----|------------|
| 1, 2                            | =  | 20 MM #    |
| 3, 4                            | =  | 12 MM #    |
| STPS: 8 MM # 2 LEGGED @ 9" c/c. |    |            |



X-BEAM B-104 (6 3/4" X 16 1/2")

| BARS                                 | IN | BEAM B-104 |
|--------------------------------------|----|------------|
| 1, 3, 4, 5                           | =  | 12 MM #    |
| 2                                    | =  | 16 MM #    |
| STPS: 8 MM # 2 LEGGED STPS @ 9" c/c. |    |            |



X-BEAM B-105 (6 3/4" X 16 1/2")

| BARS  | IN | BEAM B-105 |
|---|----|------------|
| 1, 3  | =  | 20 MM #    |
| 2   | =  | 16 MM #    |
| 4, 5  | =  | 12 MM #    |
| CRANK BAR 3 AT A 3'-6" DIST FROM SUPPTS. PROVIDE BED PLATE 1'-0" X 6 3/4" X 1'-0" DEEP OF P.C.C. 1:2:4. |    |            |

CHANDIGARH HOUSING BOARD

TITLE :-  
DETAILS OF REINF OF SLAB & BEAMS AT TERRACE LEVEL.

|             |               |
|-------------|---------------|
| SCALE :-    | CHECKED BY :- |
| DEALT BY :- | DATED :-      |
| JOB NO. :-  | DRG NO. :-    |
| HT          | 06            |

M.S.T. CONSULTANTS  
S.C.F. 23, SECTOR - 16  
CHANDIGARH