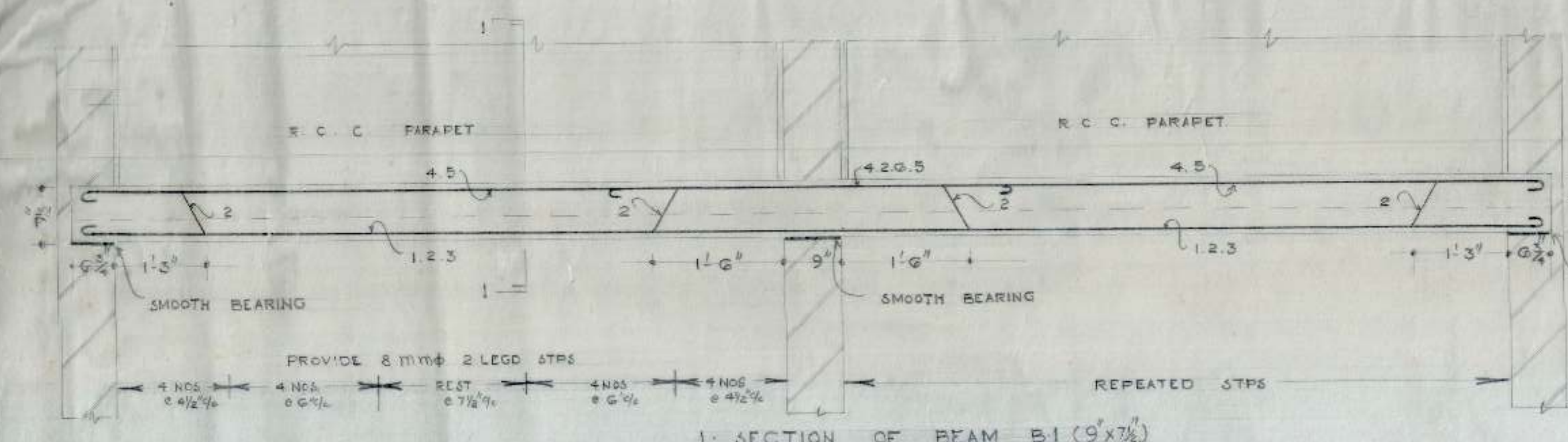
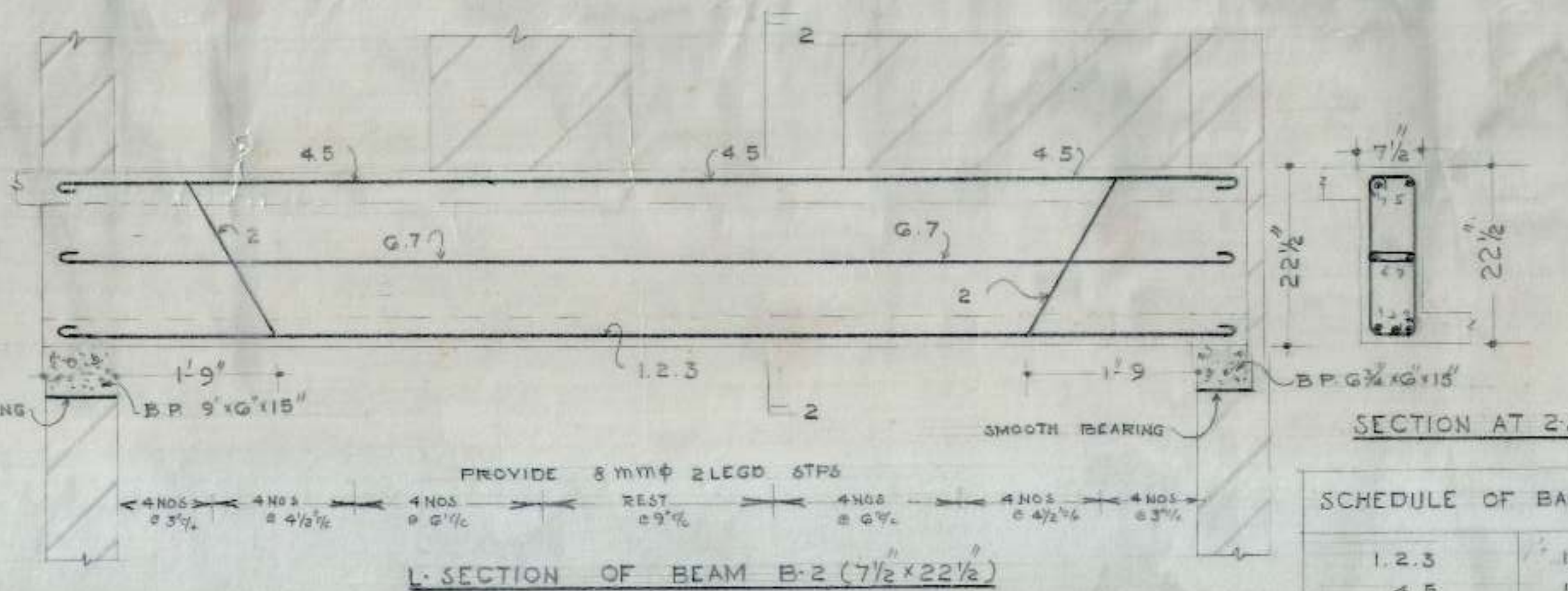


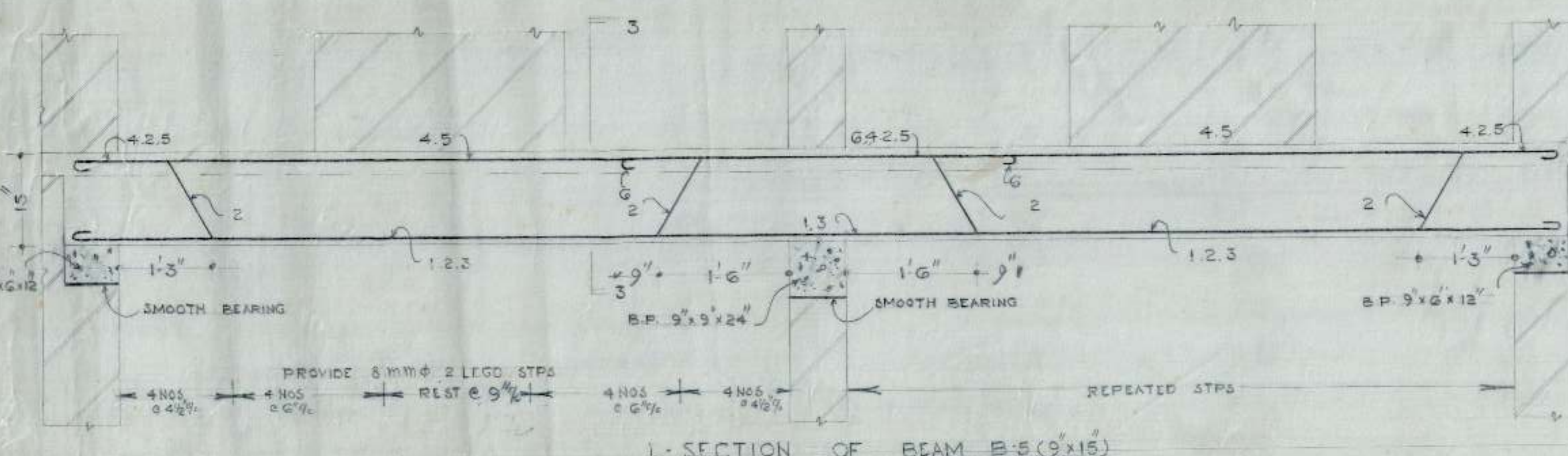
CHB



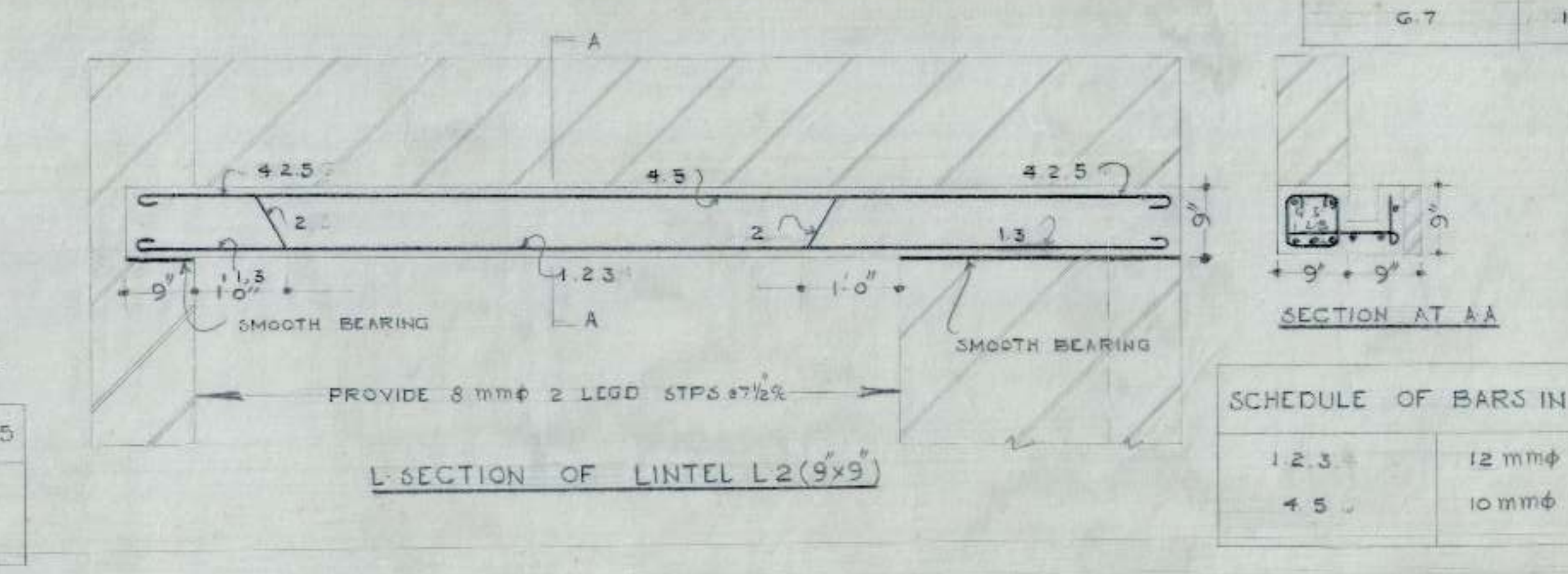
SCHEDULE OF BARS IN B1	
2, 4, 5, 6	12 mm ϕ
1, 3	10 mm ϕ



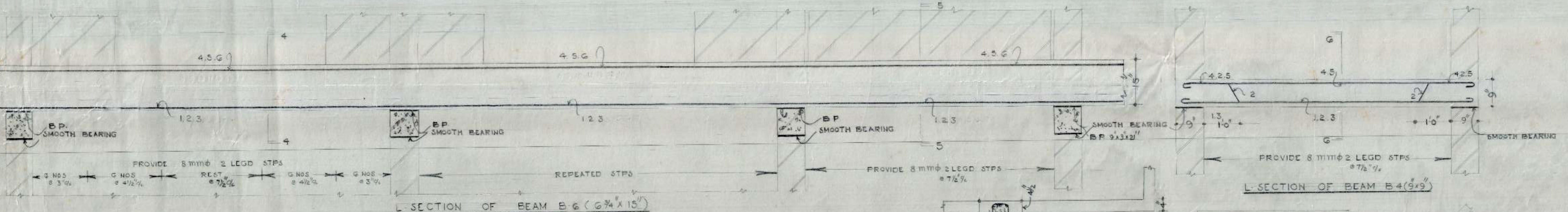
SCHEDULE OF BARS IN B2	
1, 2, 3	10 mm ϕ
4, 5	12 mm ϕ
6, 7	10 mm ϕ



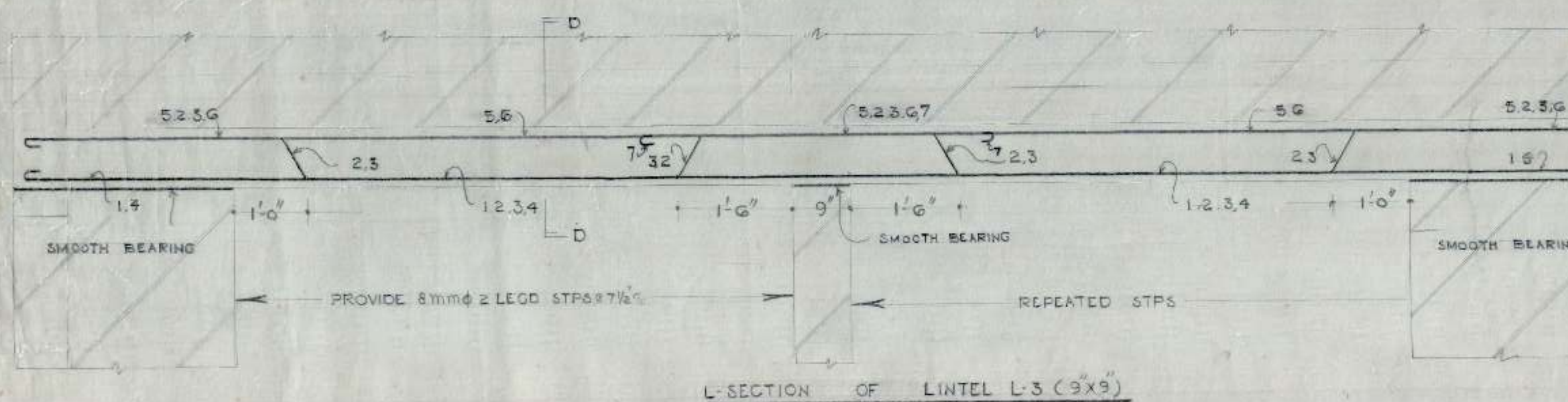
SCHEDULE OF BARS IN B3	
1, 2, 3, 6	10 mm ϕ
4, 5	12 mm ϕ



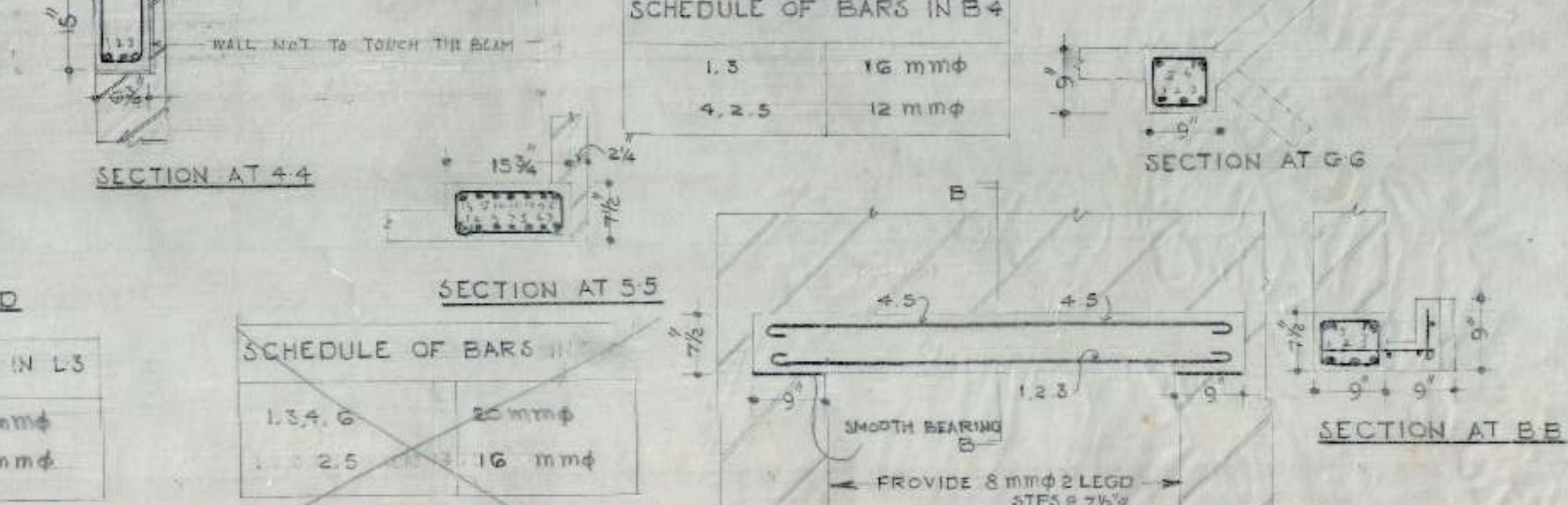
SCHEDULE OF BARS IN L2	
1, 2, 3	12 mm ϕ
4, 5	10 mm ϕ



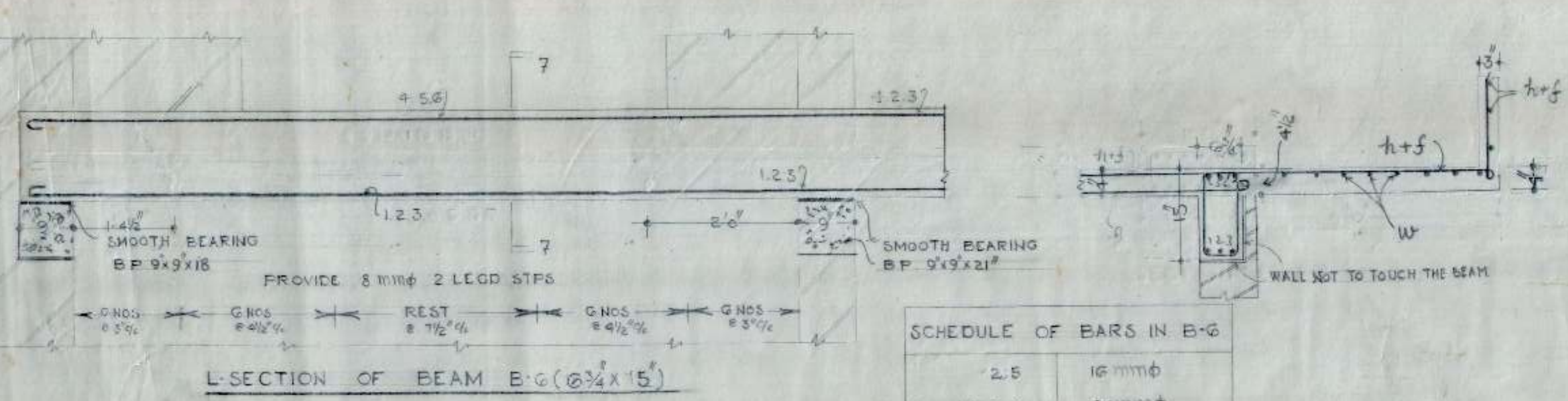
SCHEDULE OF BARS IN B4	
1, 3	10 mm ϕ
4, 2, 5	12 mm ϕ



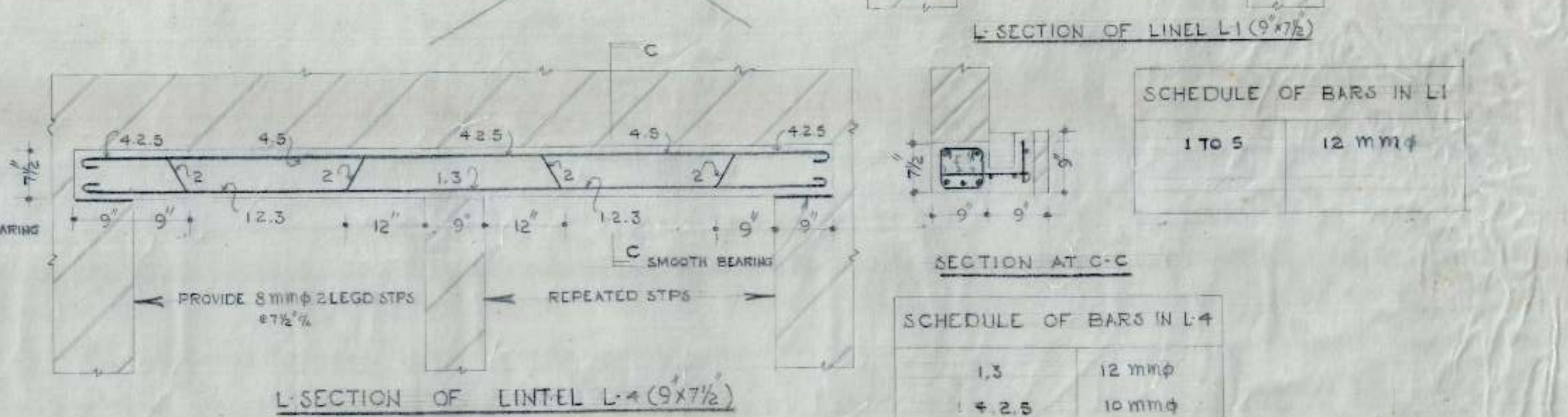
SCHEDULE OF BARS IN L3	
1, 2, 3, 4, 7	12 mm ϕ
5, 6	10 mm ϕ



SCHEDULE OF BARS IN L1	
1 TO 5	12 mm ϕ



SCHEDULE OF BARS IN B7	
2, 5	10 mm ϕ
1, 3, 4, 6	20 mm ϕ



SCHEDULE OF BARS IN L4	
1, 3	12 mm ϕ
4, 2, 5	10 mm ϕ

- NOTES
- FOR CENTRE LINE DIMENSIONS REFER ARCH DRG NO. JOB NO.
 - DIMENSIONS ARE TO BE READ & NOT TO BE SCALED OFF.
 - CLEAR COVERS FOR SLAB TO BE 1/2" FOR BEAMS TO BE 1".
 - STRUCTURAL SIZES AS SHOWN IN THIS DRG SHOULD BE ADOPTED INSPIRE OF ANY CONTRARY SIZES SHOWN IN THE ARCH. DRGS.
 - MAX. SAFE STRESS IN STEEL HAS BEEN TAKEN AS 18000 LBS/SQ INCH WHICH SHOULD BE ENSURED AT SITE.
 - THE CUBE STRENGTH OF CONC. IN SITU AFTER 28 DAYS SHALL NOT BE LESS THAN 2500 LBS/SQ INCH AND CONC. MIX. NOT LEANER THAN 1:2:4.
 - SUITABLE LINTELS MAY BE PROVIDED OVER OPENINGS SUCH AS DOORS & WINDOWS.
 - ANCHORAGE IN REINFORCEMENT SHALL BE 40 TIMES THE DIAMETER WHERE EVER REQUIRED.

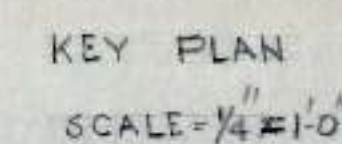
OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH.

DRN BY: M.I.G. SECTOR-41-D. DRG NO. 2

SCALE: DETAIL OF REINFORCEMENT IN BEAMS & LINTELS AT 3/4" = 1'-0". JOB NO. 44

A.E.D. E.E. 122/1/8 S.E.H.E.

S.NO	NOTES
1.	FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG NO JOB NO
2	FOR OTHER NOTES & REFERENCES REFER ST. II. DRG NO JOB NO.



Hand-drawn structural section drawing of a continuous beam over three supports. The beam has a 3-inch diameter fillet at the left end. It is reinforced with top bars (a, b) and bottom bars (j, k, l, m, n). Dimensions include 15 inches for the first span, 7 1/2 inches for the second span, and 9 inches for the third span. Cross bars s+g are shown at the supports. The section is labeled "SECTION AT A-A".

SECTION AT A-A

OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH.

dated
DRN BY

M. I. G. TWO ROOM
SECTOR-41-D.

DRG NO
3

SCALE

DETAIL OF
REINFORCEMENT IN
SLAB AT GR. F.F. 5 FLOOR

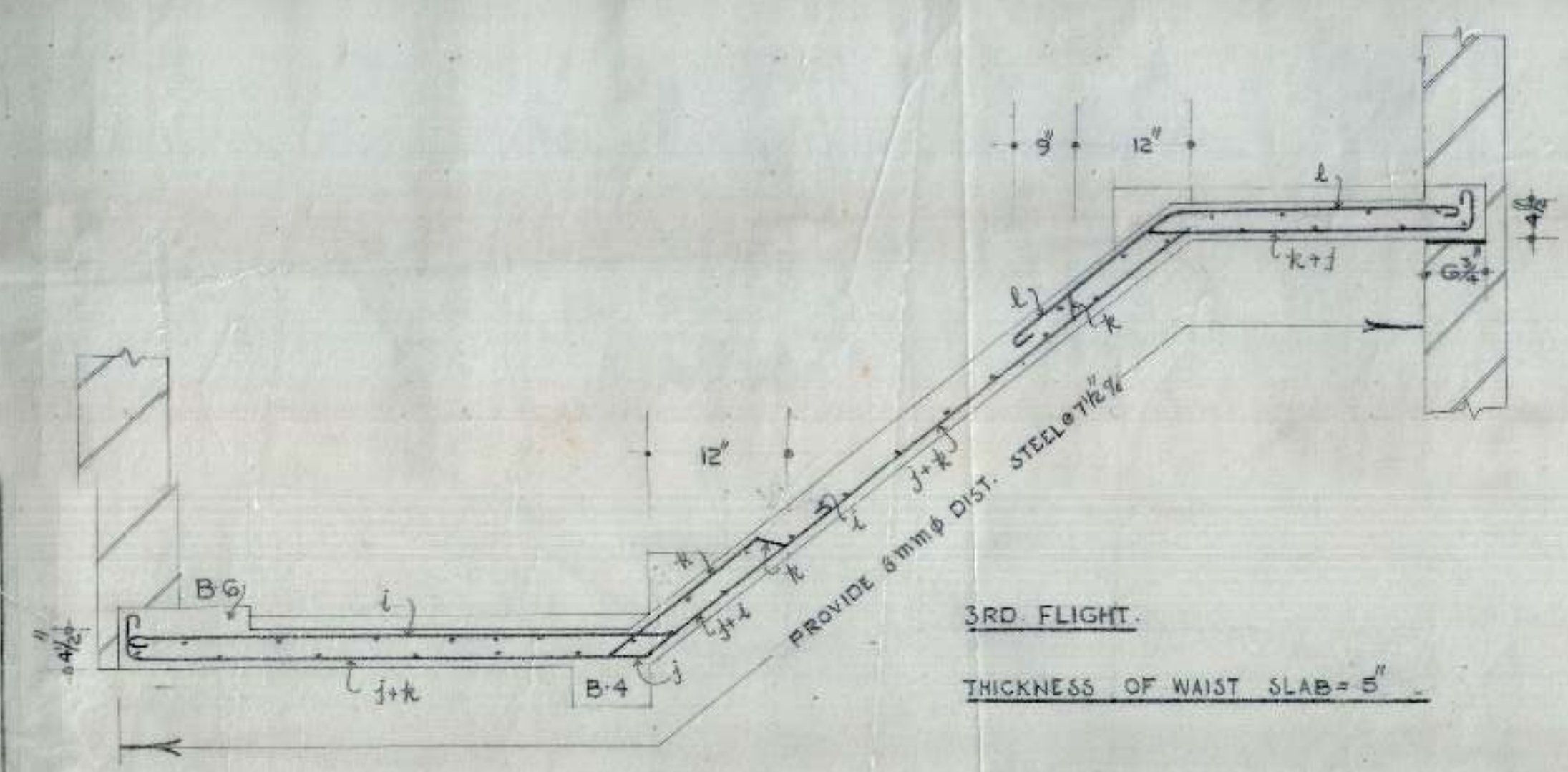
JOB NO
44

4.11.85
AED

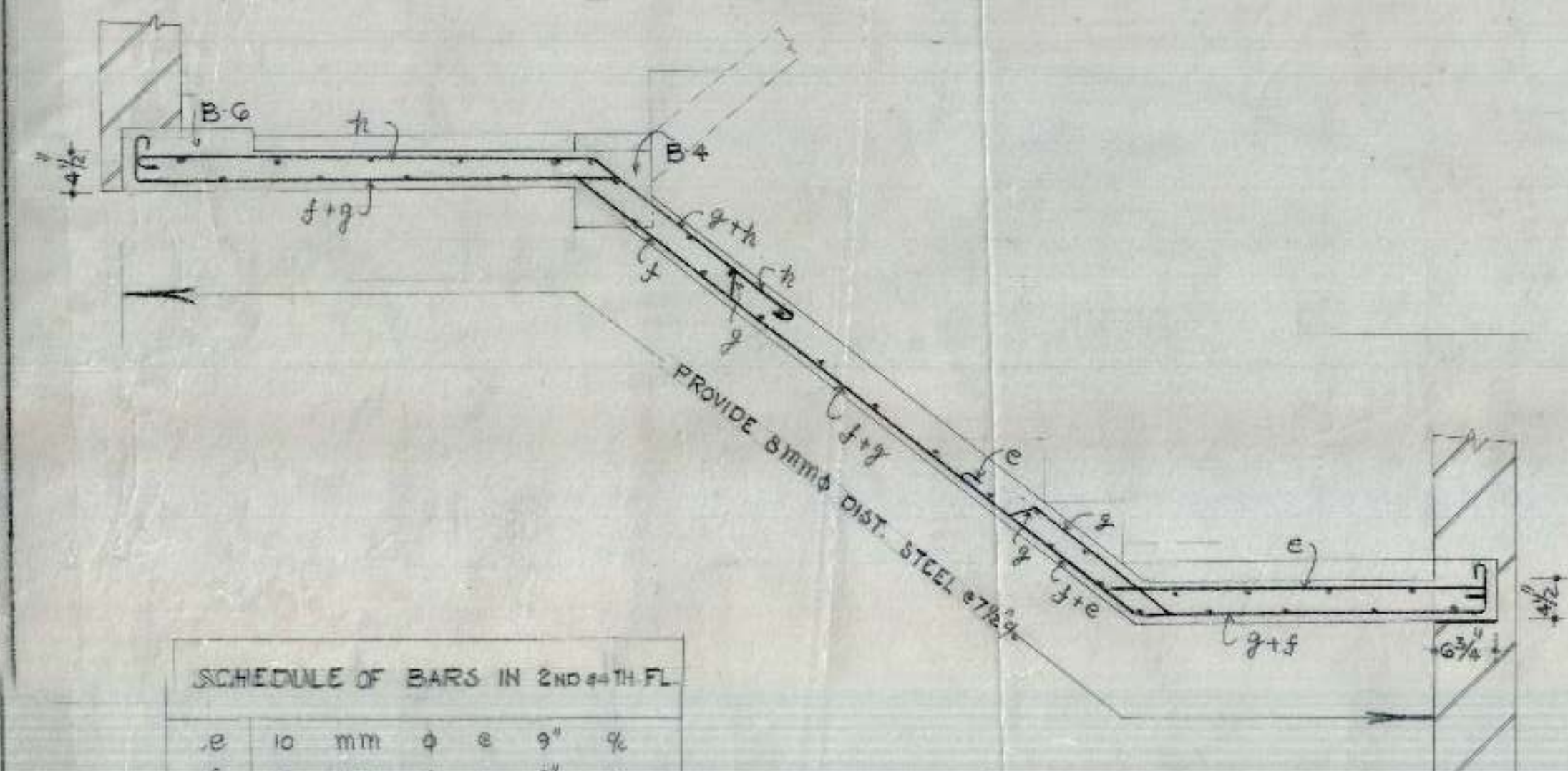
22/11

SERB

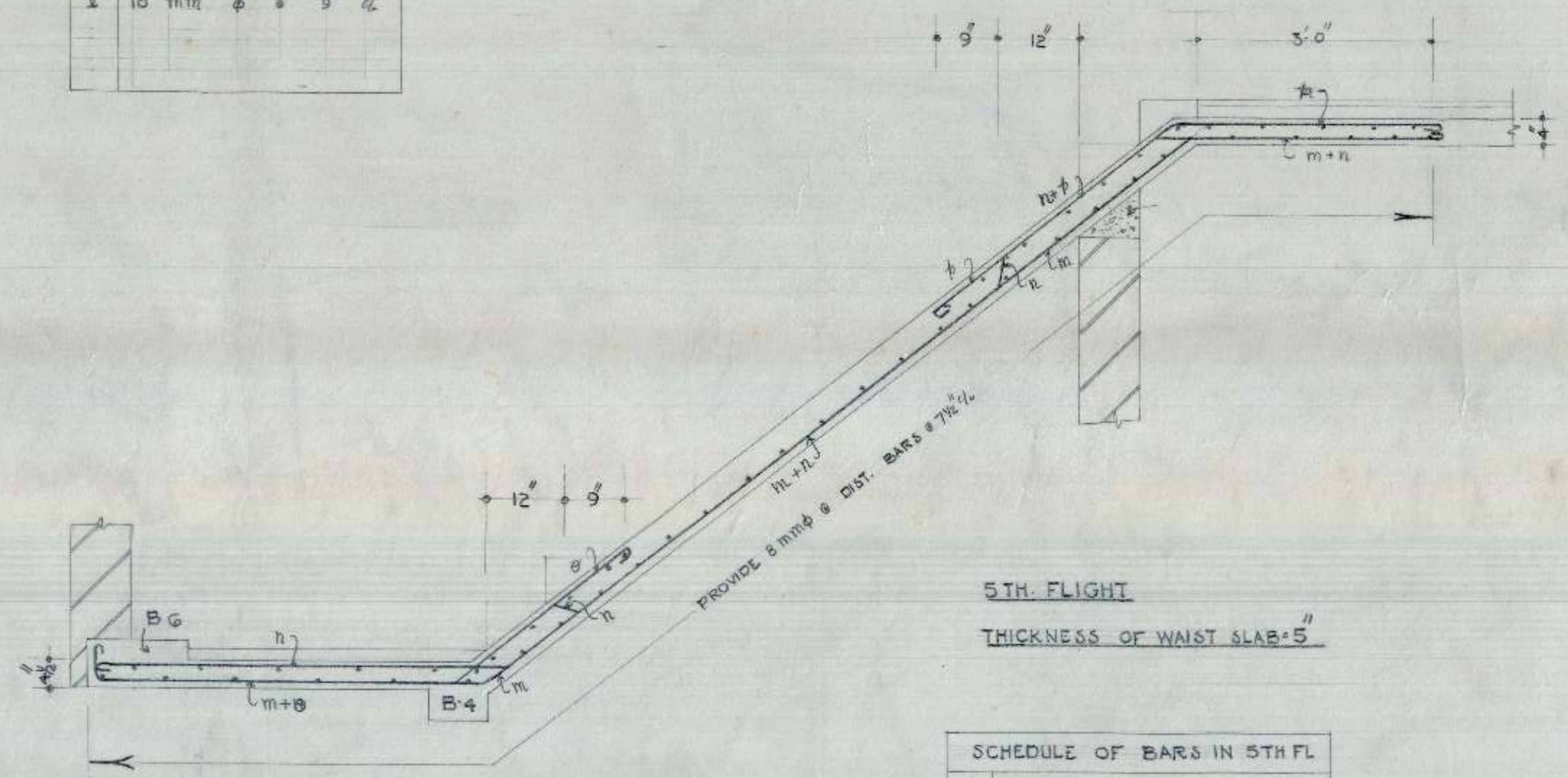
CHB



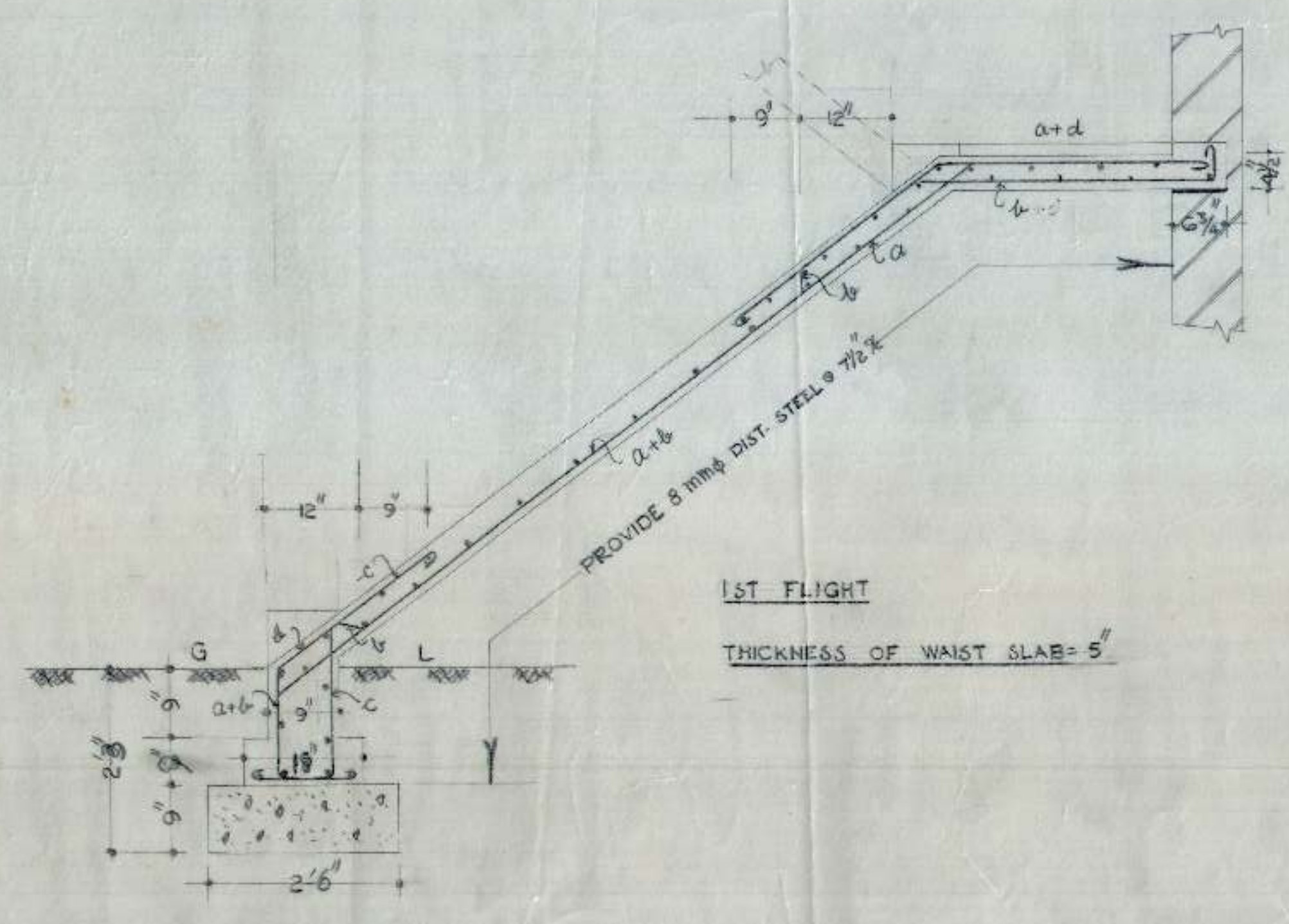
SCHEDULE OF BARS IN 3RD FL					
i	10 mm	ϕ	@	9"	1/4
j	12 mm	ϕ	@	9"	1/4
k	12 mm	ϕ	@	9"	1/4
l	10 mm	ϕ	@	9"	1/4



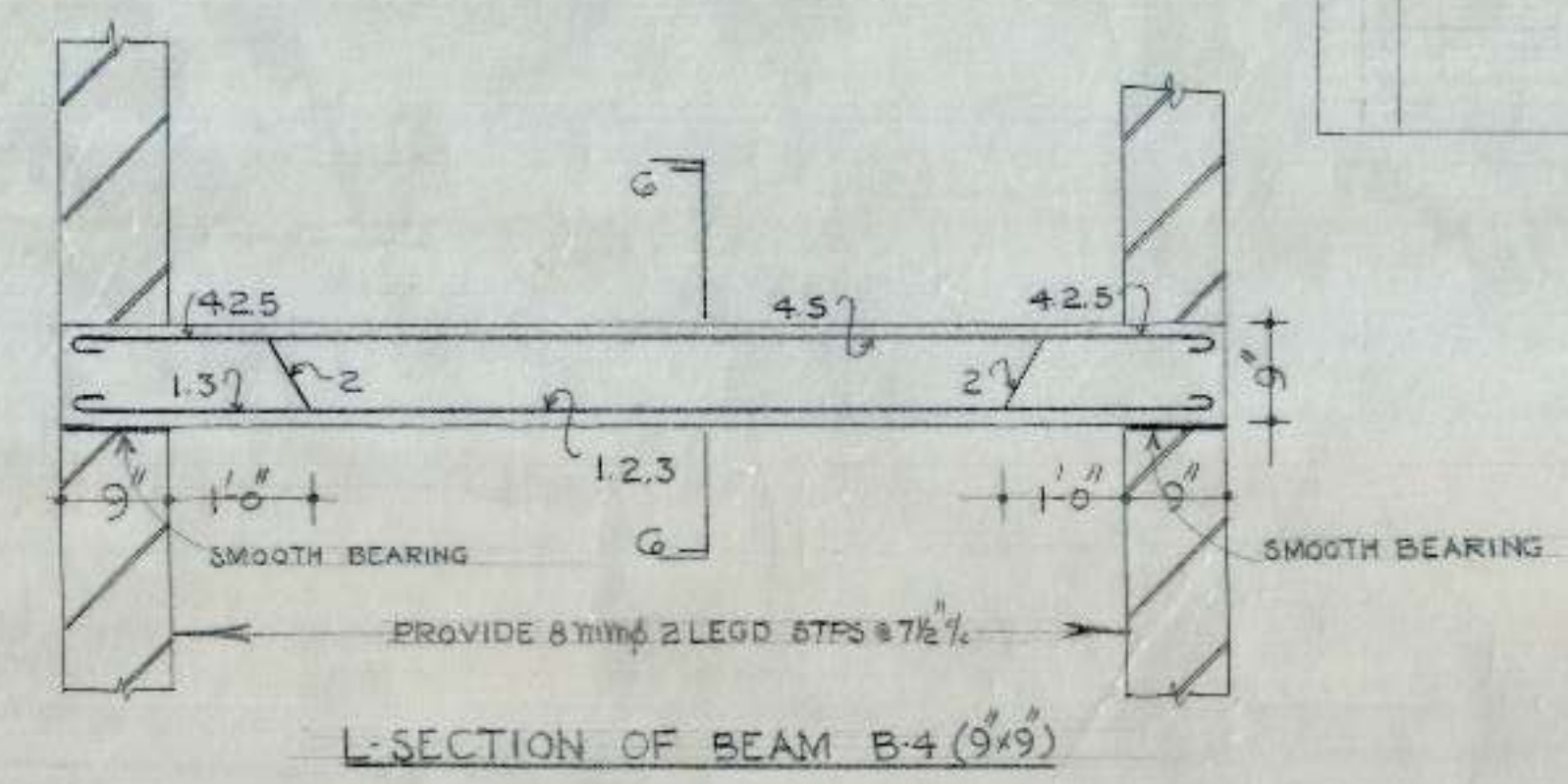
SCHEDULE OF BARS IN 2ND & 4TH FL					
e	10 mm	ϕ	@	9"	1/4
f	12 mm	ϕ	@	9"	1/4
g	12 mm	ϕ	@	9"	1/4
h	10 mm	ϕ	@	9"	1/4



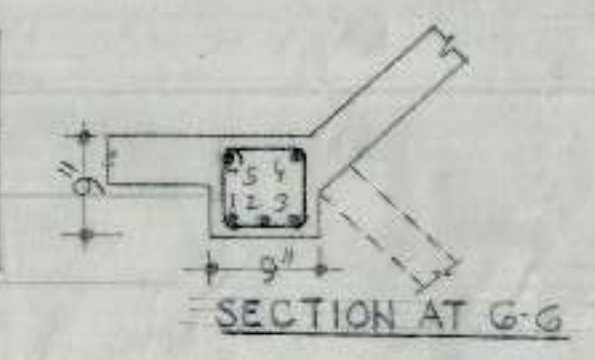
SCHEDULE OF BARS IN 5TH FL					
m	12 mm	ϕ	@	9"	1/4
n	12 mm	ϕ	@	9"	1/4
o	10 mm	ϕ	@	9"	1/4
p	10 mm	ϕ	@	9"	1/4



SCHEDULE OF BARS IN 1ST FL					
q	12 mm	ϕ	@	9"	1/4
r	12 mm	ϕ	@	9"	1/4
s	10 mm	ϕ	@	9"	1/4
t	10 mm	ϕ	@	9"	1/4



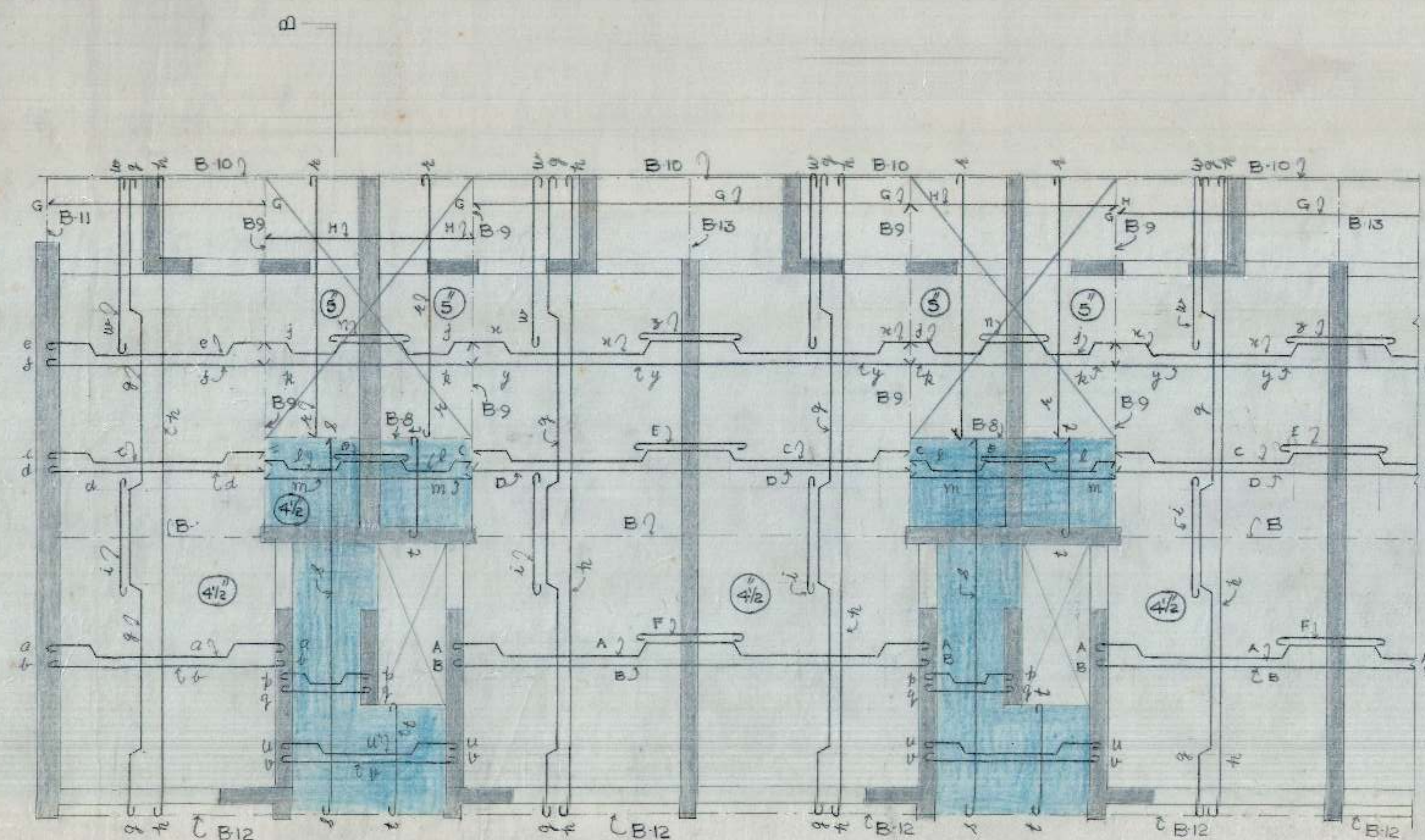
SCHEDULE OF BARS IN B-4		
1.3	16 mm ϕ	
4.2.5	12 mm ϕ	



S.No.	NOTES
1	FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG. NO. JOB NO.
2	FOR OTHER NOTES & REFERENCES REFER STR. DRG. NO. JOB NO.

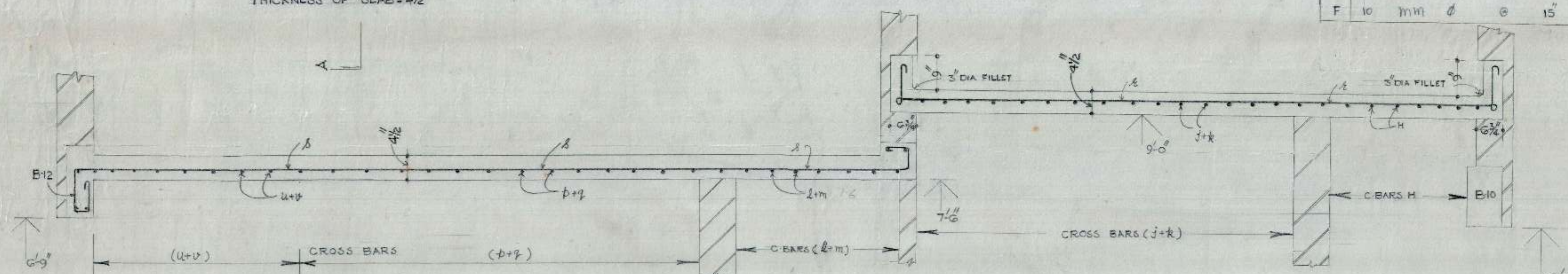
OFFICE OF THE SUPERINTENDING ENGINEER CHANDIGARH HOUSING BOARD CHANDIGARH		
DATE: 20.11.85 DRW. BY: J. S. Dhillon	M.I.G. SECTOR 41-D	DRG. NO. 4
SCALE	DETAIL OF REINFORCEMENT IN STAIR WAIST SLAB	JOB NO. 44
APPROVED: 20.11.85 A.E.D.	27/11/85 E.E.T.	S.E.H.B.

CHB



THICKNESS OF SLAB = 4 1/2"

KEY PLAN

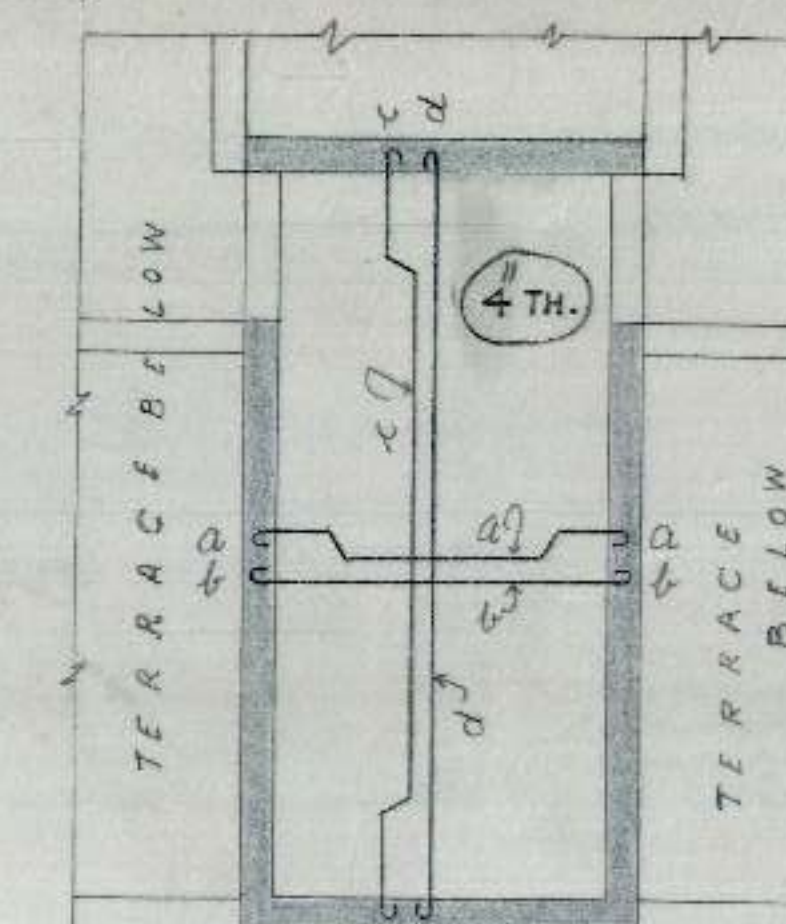


SECTION AT A-B

SCHEDULE OF BARS IN TOP FL.					
a	10	mm	φ	14"	1/4
b	10	mm	φ	12"	1/4
c	10	mm	φ	15"	1/4
d	10	mm	φ	15"	1/4
e	10	mm	φ	15"	1/4
f	10	mm	φ	15"	1/4
g	10	mm	φ	15"	1/4
h	8	mm	φ	16"	1/4
i	8	mm	φ	16"	1/4
j	8	mm	φ	12"	1/4
k	8	mm	φ	12"	1/4
l	8	mm	φ	15"	1/4
m	8	mm	φ	15"	1/4
n	8	mm	φ	12"	1/4
o	10	mm	φ	15"	1/4
p	8	mm	φ	14"	1/4
q	8	mm	φ	14"	1/4
r	8	mm	φ	8"	1/4
s	8	mm	φ	8"	1/4
t	8	mm	φ	7 1/2"	1/4
u	10	mm	φ	15"	1/4
v	8	mm	φ	15"	1/4
w	8	mm	φ	15"	1/4
x	10	mm	φ	15"	1/4
y	10	mm	φ	15"	1/4
z	10	mm	φ	15"	1/4
aa	10	mm	φ	15"	1/4
ab	10	mm	φ	15"	1/4
ac	10	mm	φ	15"	1/4
ad	10	mm	φ	15"	1/4
ae	10	mm	φ	15"	1/4
af	10	mm	φ	15"	1/4

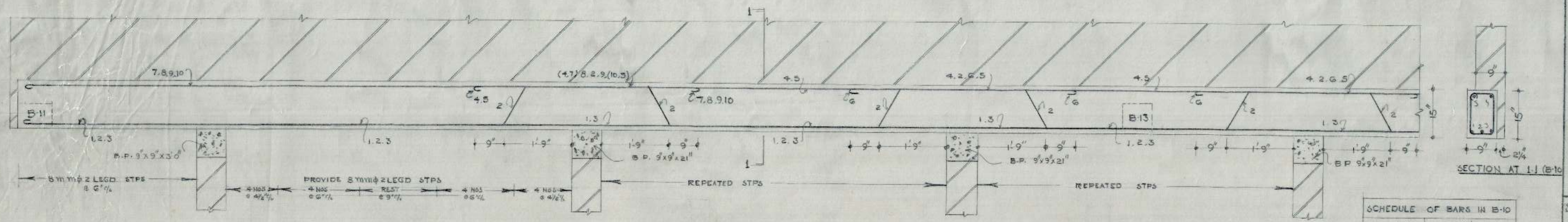
G	8	mm	φ	7 1/2"	1/4 (D.S.)
H	8	mm	φ	7 1/2"	1/4 (D.S.)

SCHEDULE OF BARS IN MUMTY SLAB					
a	10	mm	φ	15"	1/4
b	10	mm	φ	15"	1/4
c	8	mm	φ	15"	1/4
d	8	mm	φ	15"	1/4



SLAB AT MUMTY

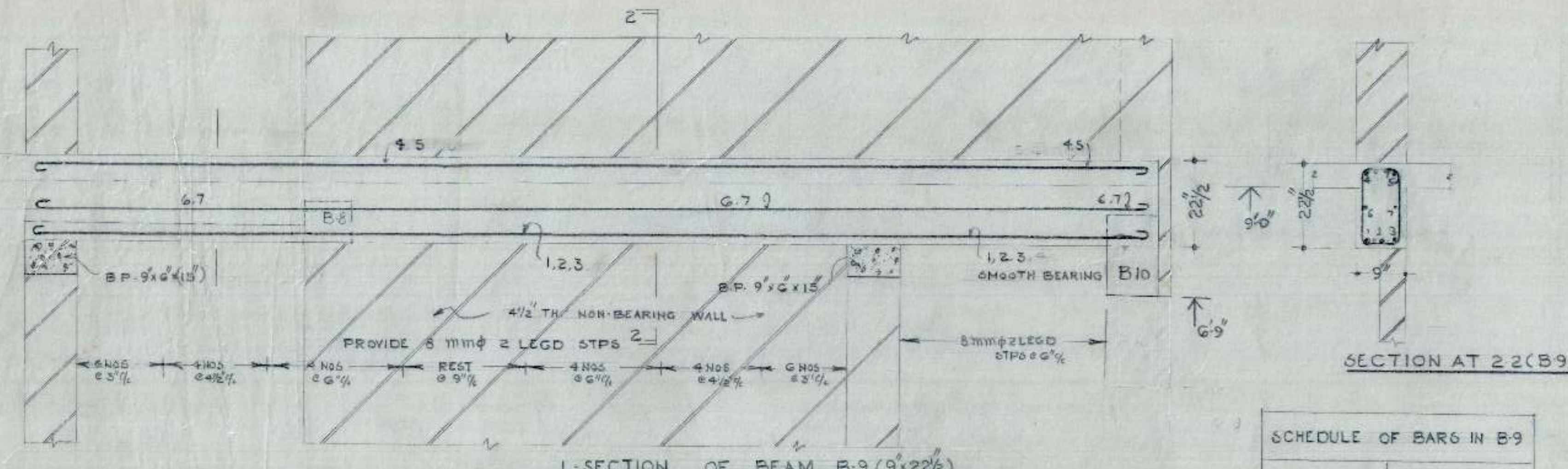
CHB



L-SECTION OF BEAM B-10 (9' x 15')

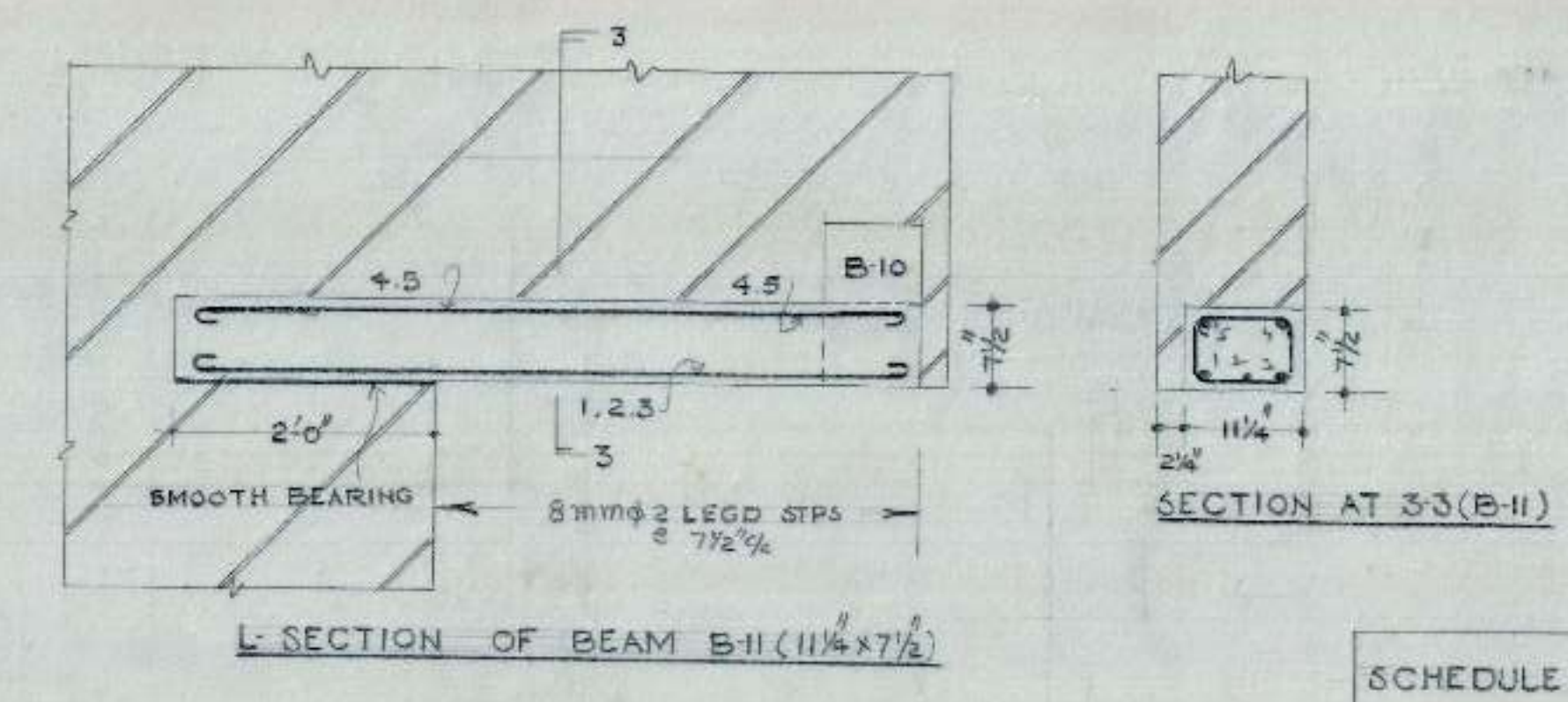
SCHEDULE OF BARS IN B-10	
1, 3, 8, 9	16 mmφ
2	12 mmφ
4, 5, 6	10 mmφ
7, 10	20 mmφ

- NOTES
- FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG. NO. 9 JOB NO. 88
 - FOR OTHER NOTES & REFERENCES REFER STR. DRG. NO. 2 JOB NO. 44.



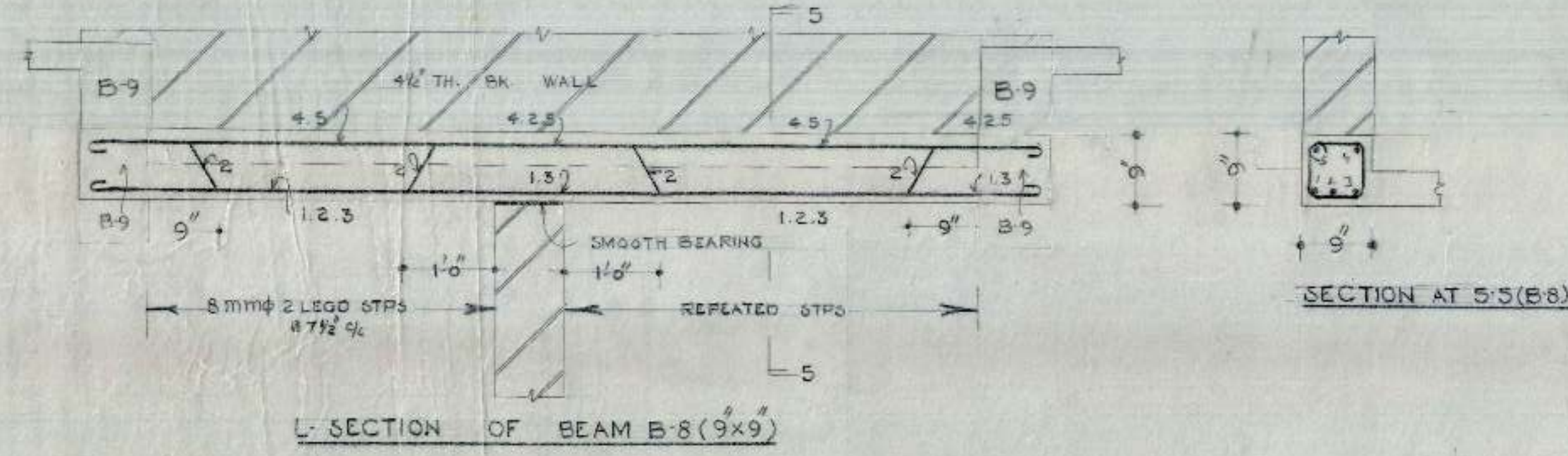
L-SECTION OF BEAM B-9 (9' x 22 1/2')

SCHEDULE OF BARS IN B-9	
1 TO 3	20 mmφ
4, 5, 6, 7	12 mmφ



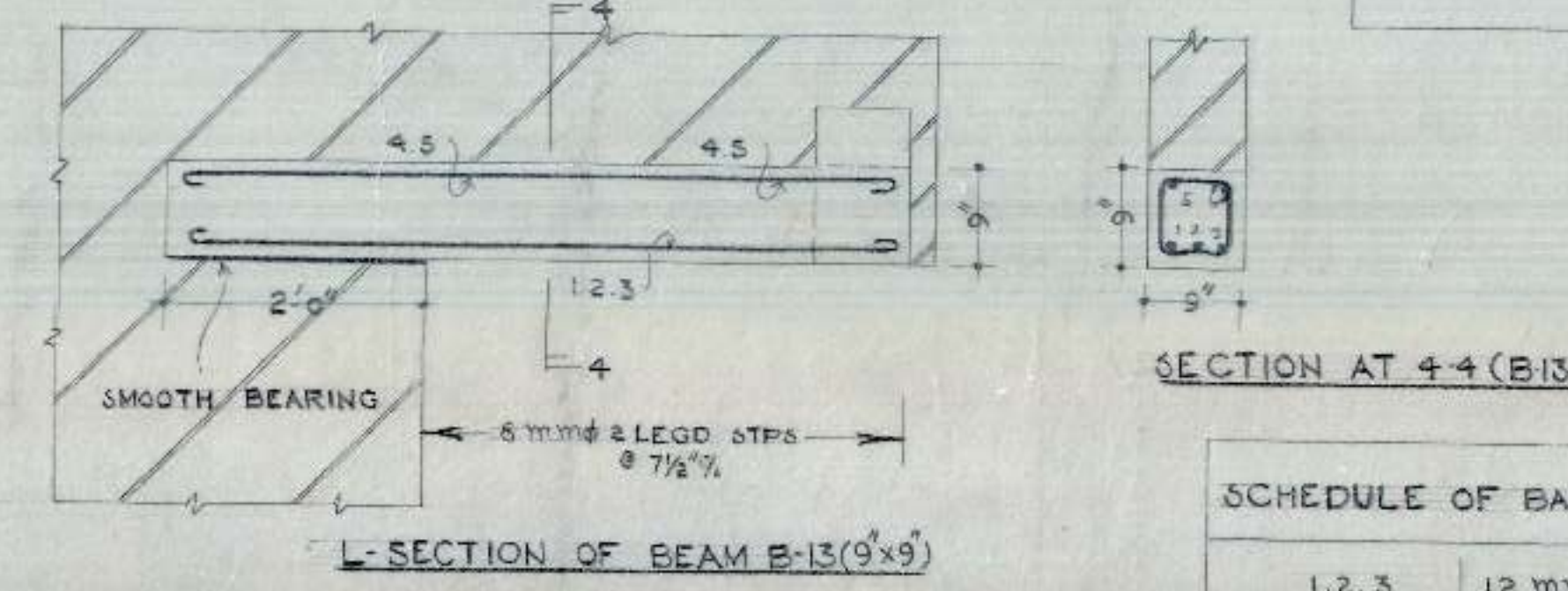
L-SECTION OF BEAM B-11 (11 1/4' x 7 1/2')

SCHEDULE OF BARS IN B-11	
1 TO 5	12 mmφ



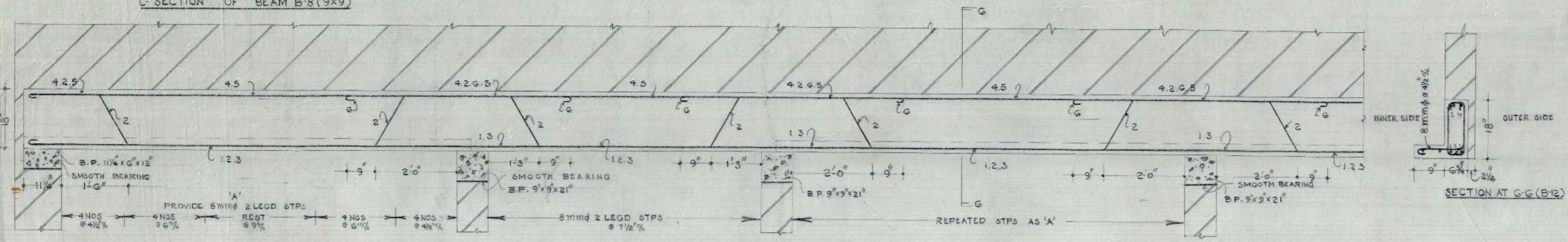
L-SECTION OF BEAM B-8 (9' x 9')

SCHEDULE OF BARS IN B-8	
1, 2, 3	12 mmφ
4, 5	10 mmφ



L-SECTION OF BEAM B-13 (9' x 9')

SCHEDULE OF BARS IN B-13	
1, 2, 3	12 mmφ
4, 5	10 mmφ



L-SECTION OF BEAM B-12 (6 3/4' x 18')

SCHEDULE OF BARS IN B-12	
1, 2, 3	16 mmφ
4, 5, 6	12 mmφ

OFFICE OF THE SUPERINTENDING ENGINEER CHANDIGARH HOUSING BOARD CHANDIGARH		
DRN BY: <i>Arjun Singh</i>	M.1 G TWO ROOM SECTOR-41.D	DRG NO. G
SCALE 3/4" = 1'-0"	DETAIL OF REINFORCE- MENT IN BEAMS AT 3RD FL. (TOP FL.)	JOB NO. 44
APPROVED A.E.D.	DATE 17/7/80	SEHB

CHB

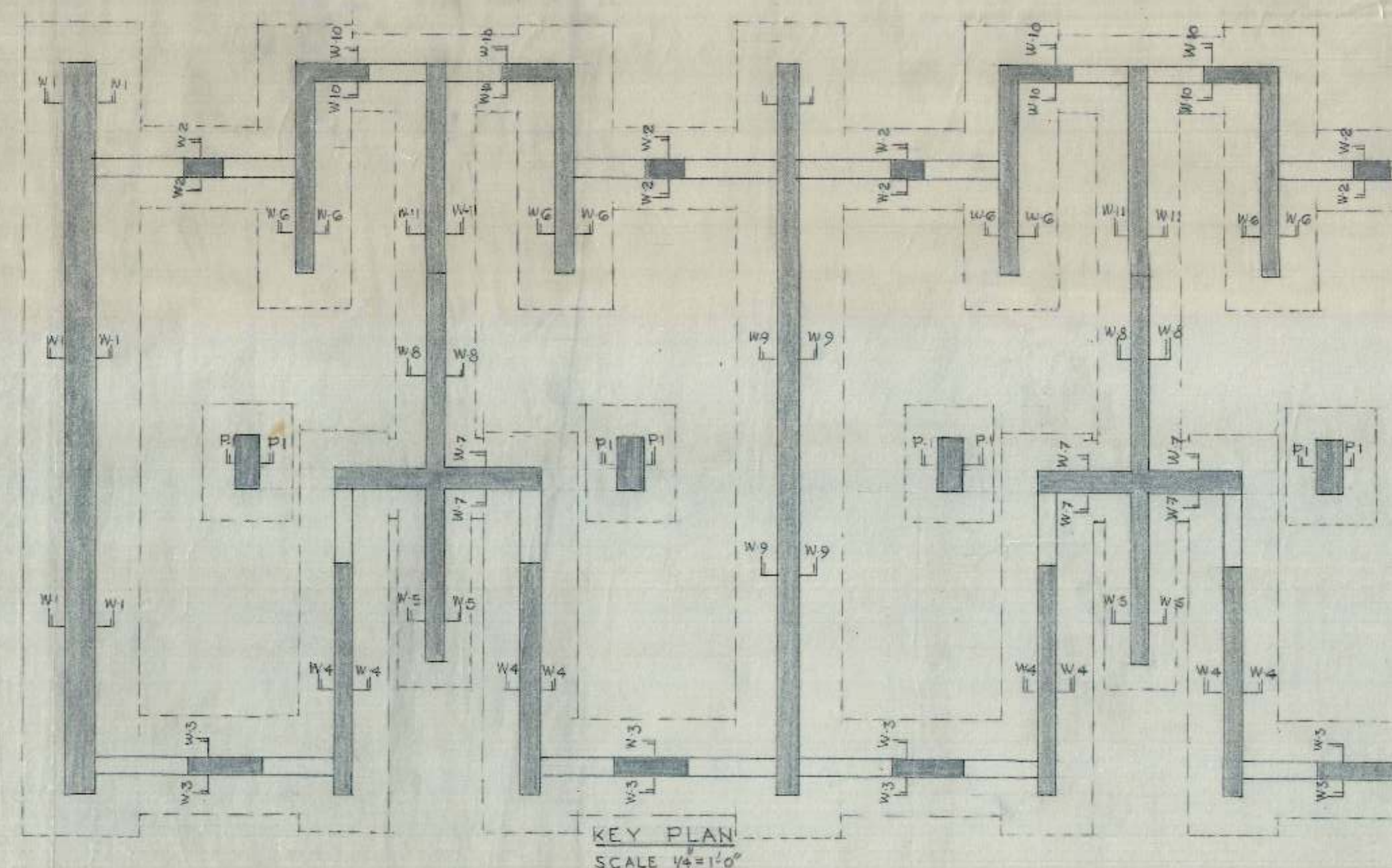
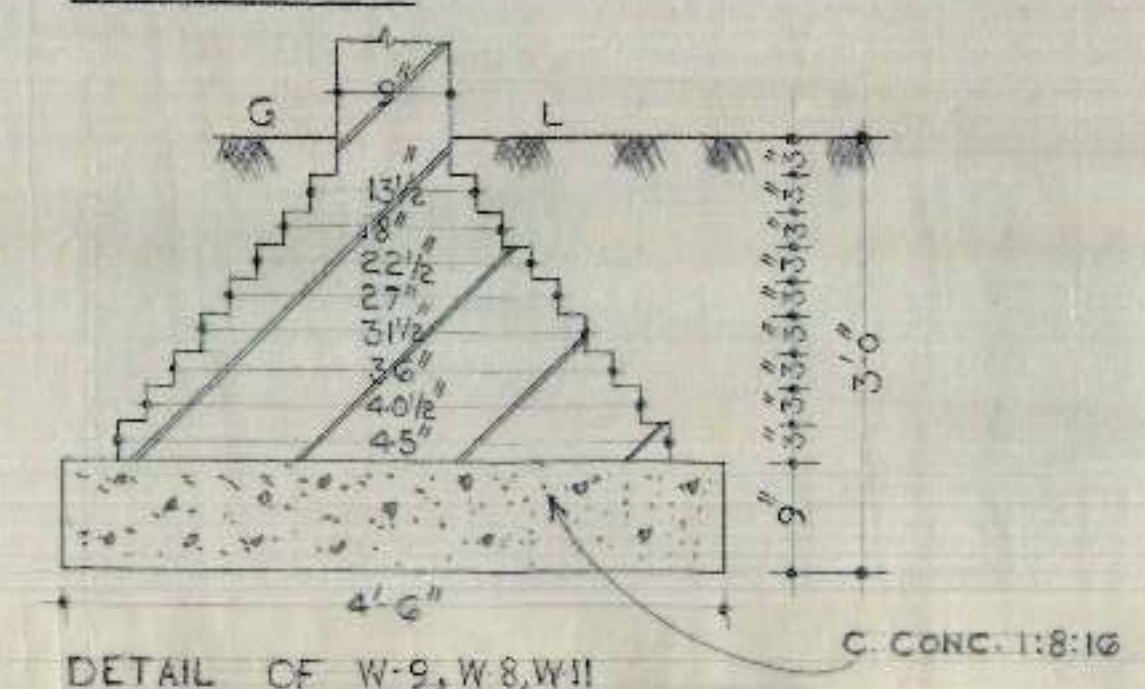
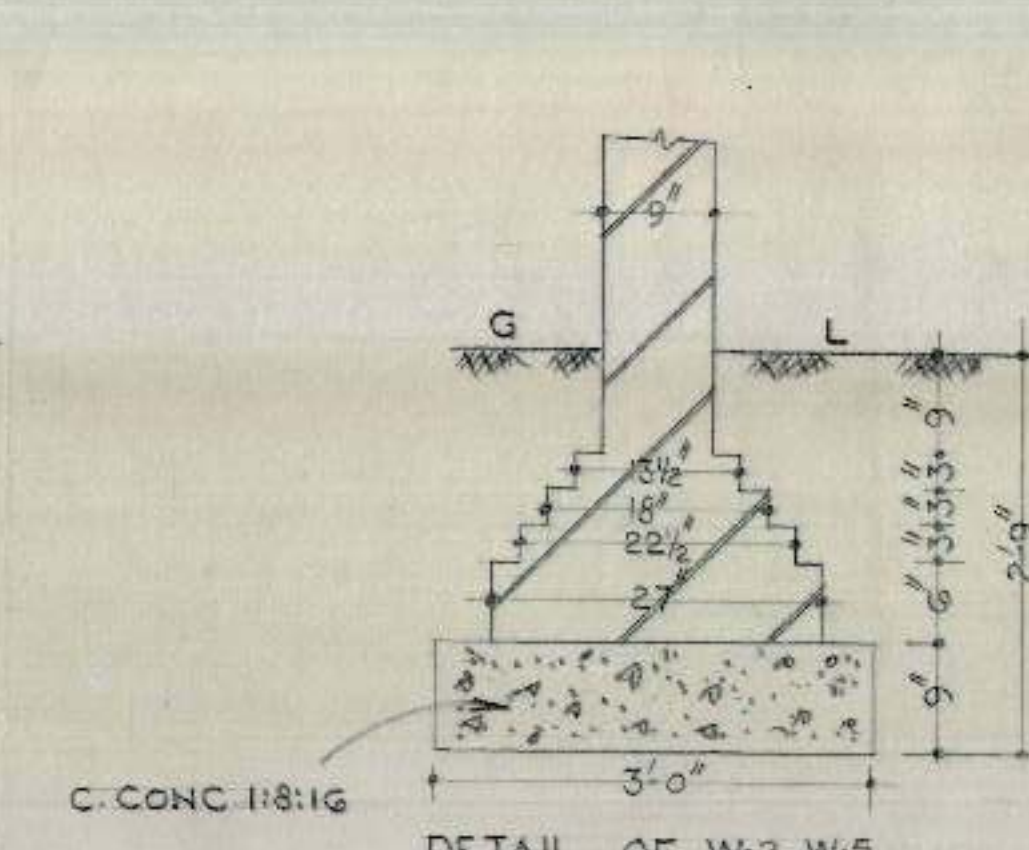
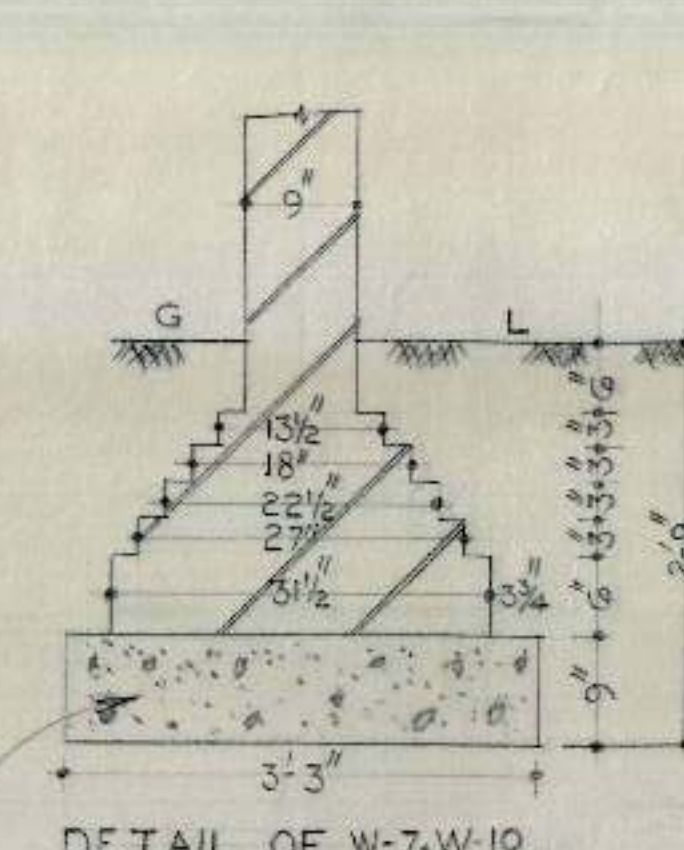
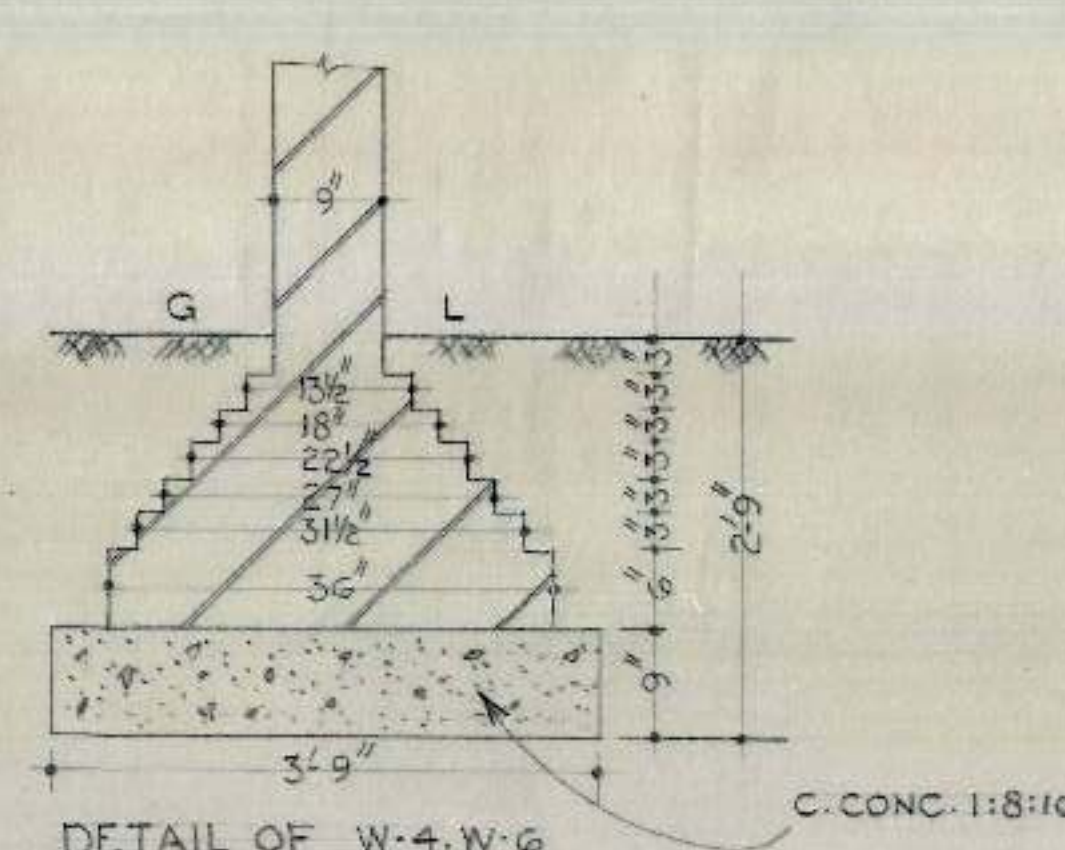
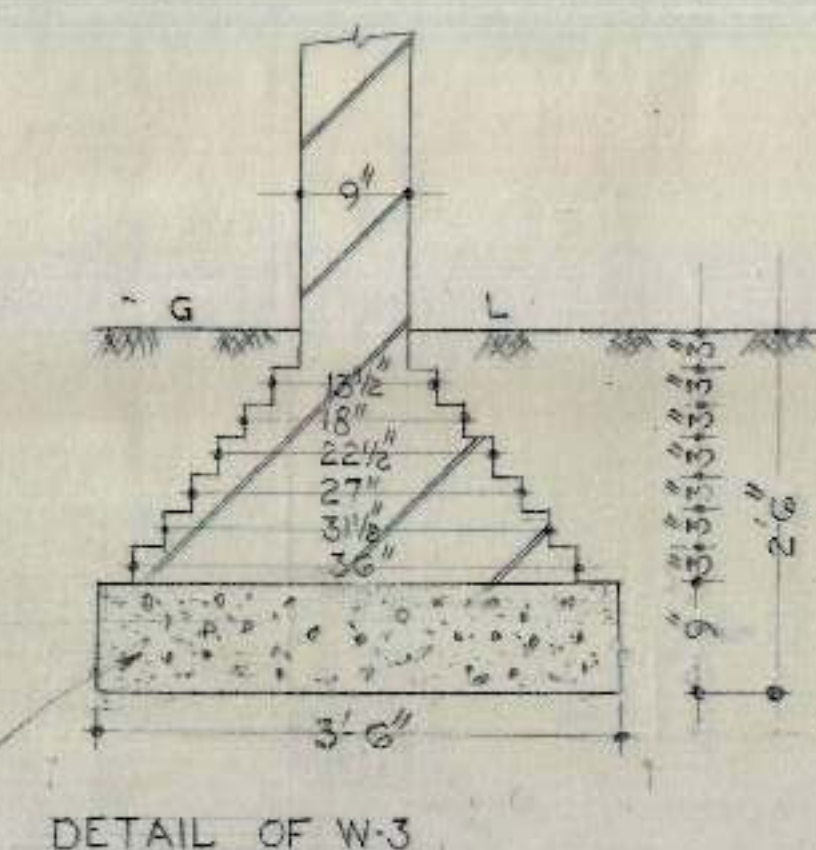
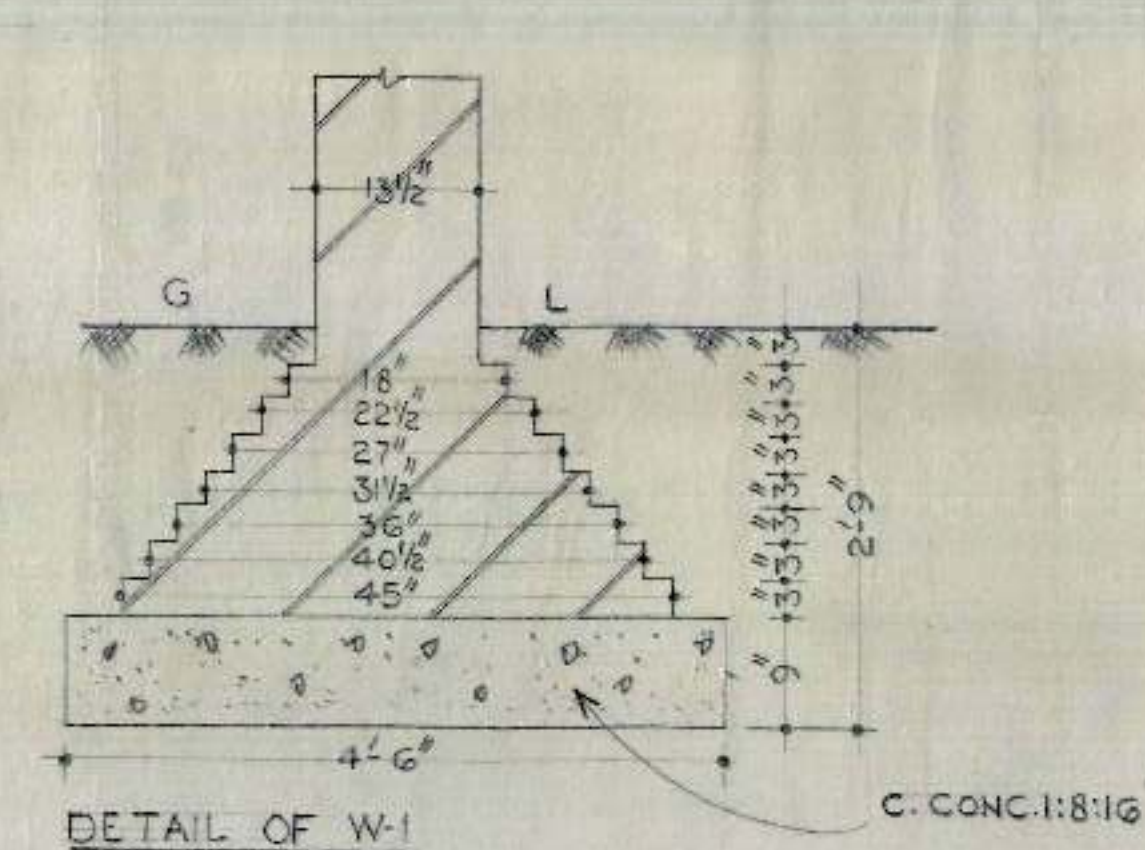
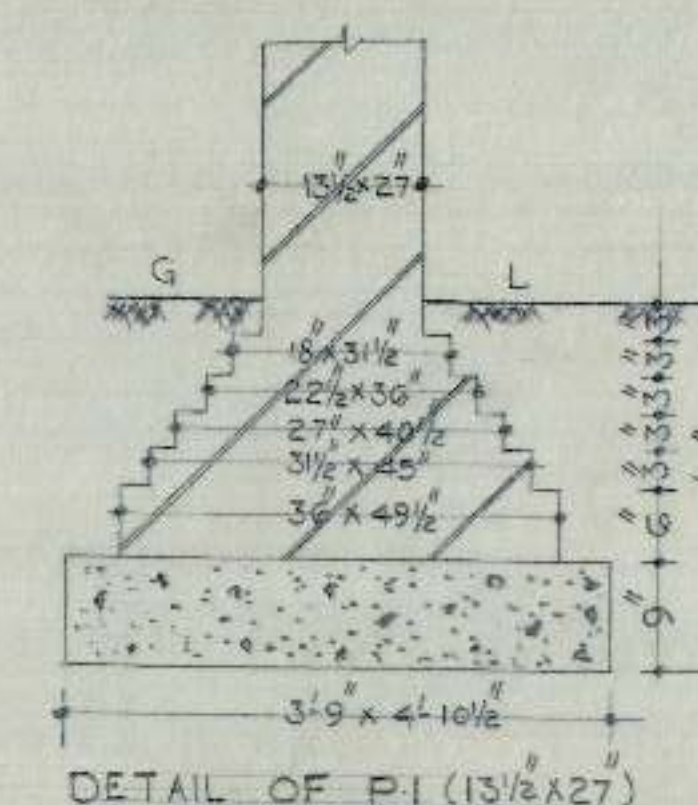


TABLE FOR C.M TO BE USED IN S-STRUCTURE			
WALLS	UPTO 1ST FLOOR	UPTO 2ND FLOOR	UPTO 3RD FLOOR OR TOP
W-1	1:4	1:6	1:6
W-2	1:4	1:4	1:6
W-3	1:6	1:6	1:7
W-4	1:6	1:7	1:7
W-5	1:6	1:7	1:7
W-6	1:6	1:7	1:7
W-7	1:6	1:7	1:7
W-8	1:6	1:6	1:7
W-9	1:4	1:6	1:6
W-10	1:6	1:7	1:7
W-11	1:6	1:7	1:7
P-1	1:4	1:4	1:6



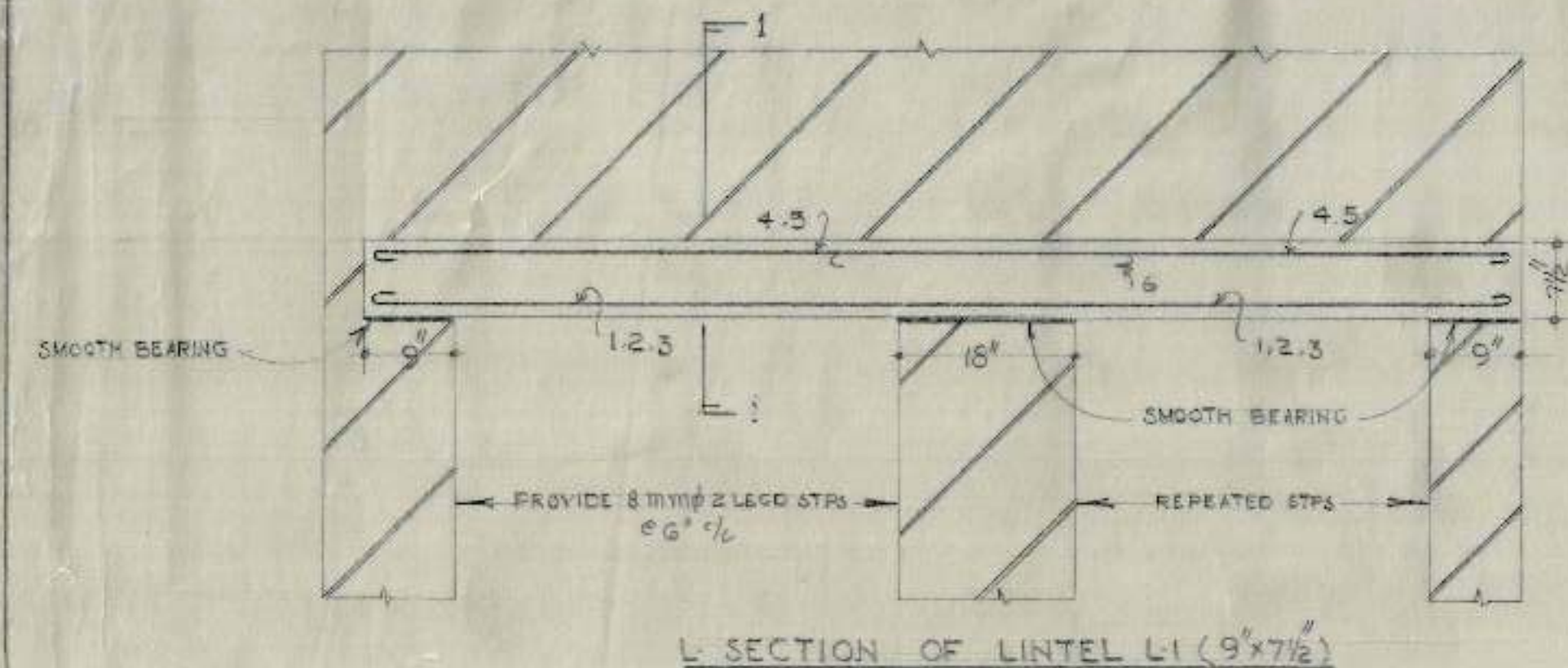
NOTE - USE C.M 17 IN ALL THE WALLS AND PILLAR IN THE FOUNDATIONS AND PLINTH

- S. No. NOTES
- FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG No. JOB No.
 - DIMENSIONS ARE TO BE READ & NOT TO BE SCALED OFF.
 - SUITABLE D.P.C. MAY BE PROVIDED AT SITE.
 - STRUCTURAL SIZES AS SHOWN IN THIS DRG SHOULD BE ADOPTED INSPITE OF ANY CONTRARY SIZES SHOWN IN THE ARCH. DRG.
 - THE SAFE BEARING CAPACITY OF SOIL HAS BEEN ASSUMED AS 0.9T/ft² WHICH SHOULD BE ENSURED AT SITE.
 - THE CUBE STRENGTH OF CONC. POUR-ED AT SITE AFTER 28 DAYS SHALL NOT BE LESS THAN 2500 LBS/ft² (MIN) AND CONC. MIXED NOT LEANER THAN 1:2:4.
 - JAMBS OF 9" x 9" & 9" x 13 1/2" SIZES TO BE BUILT IN C.M 1:4.
 - DISCREPANCIES BETWEEN DETAILS SHOWN IN THIS DRG AND ARCH. DRG IF ANY SHOULD BE GOT CLARIFIED FROM THIS OFFICE BEFORE ADOPTING THIS DESIGN.

OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH

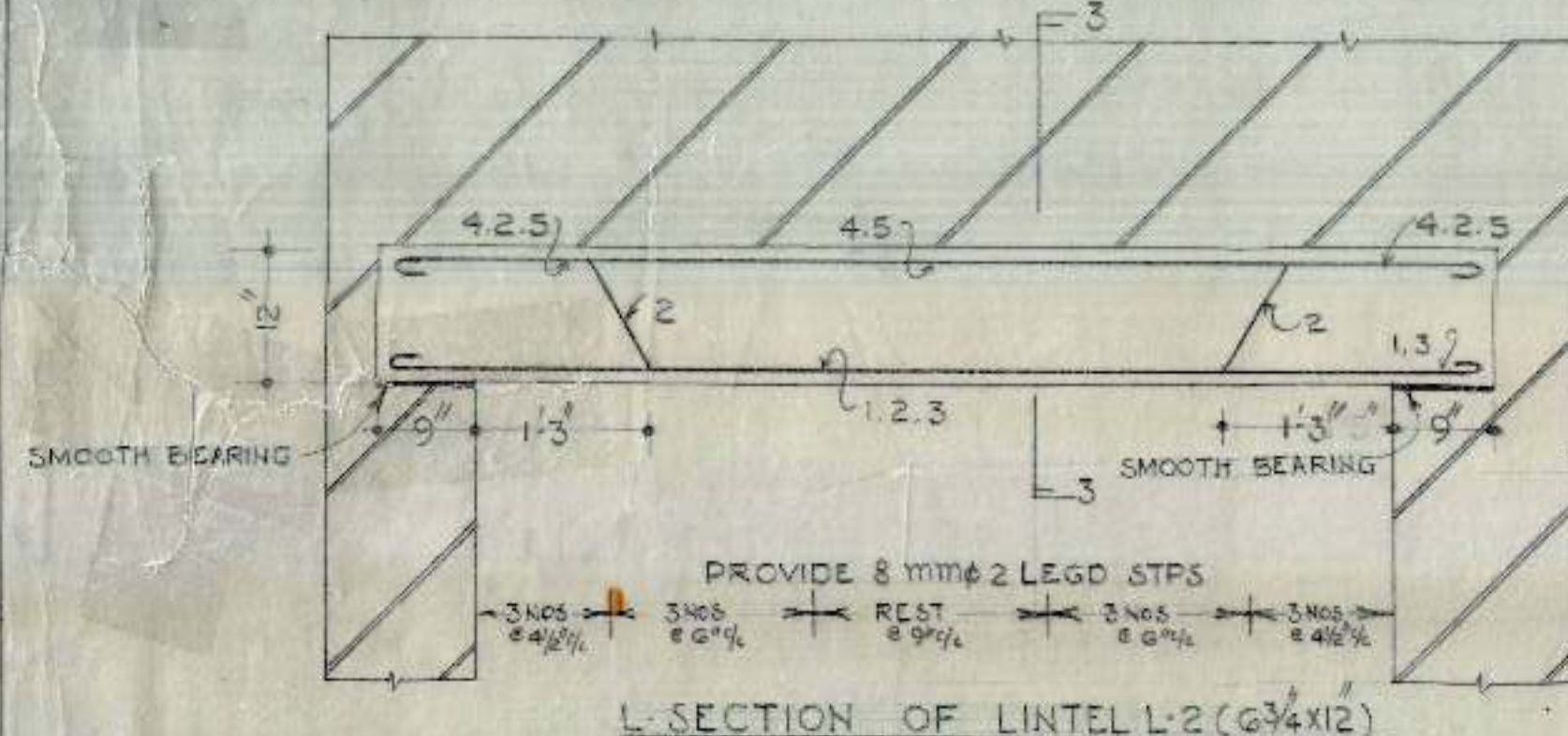
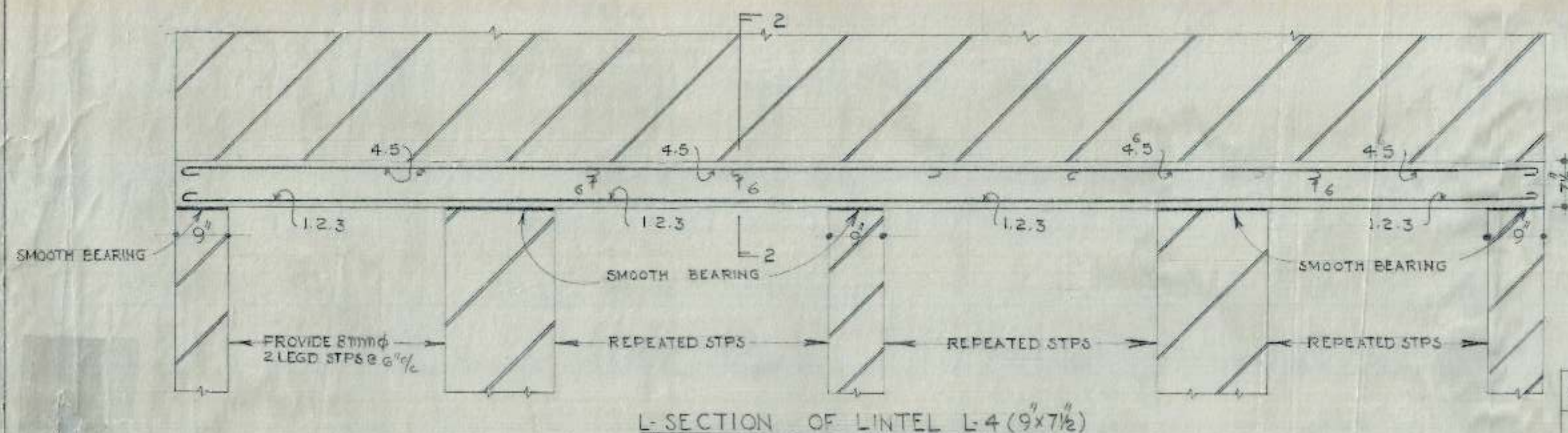
DRN BY	M.I.G SECTOR-41-D	DRG No 7
SCALE 3/4" = 1'-0"	DETAIL OF FOUNDATIONS	JOB No 44
AE-D	E.E-1	S.E.H.B

CHB



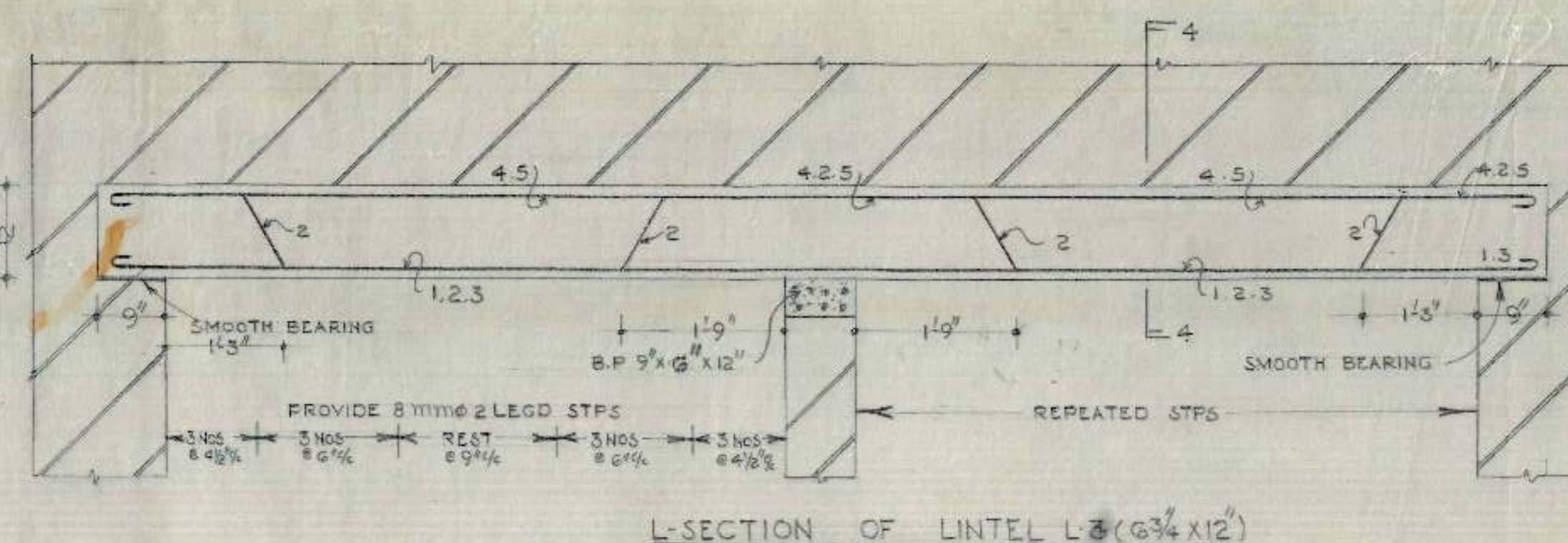
SECTION AT 1-1

1, 2, 3	12 mmφ
4, 5, 6	10 mmφ

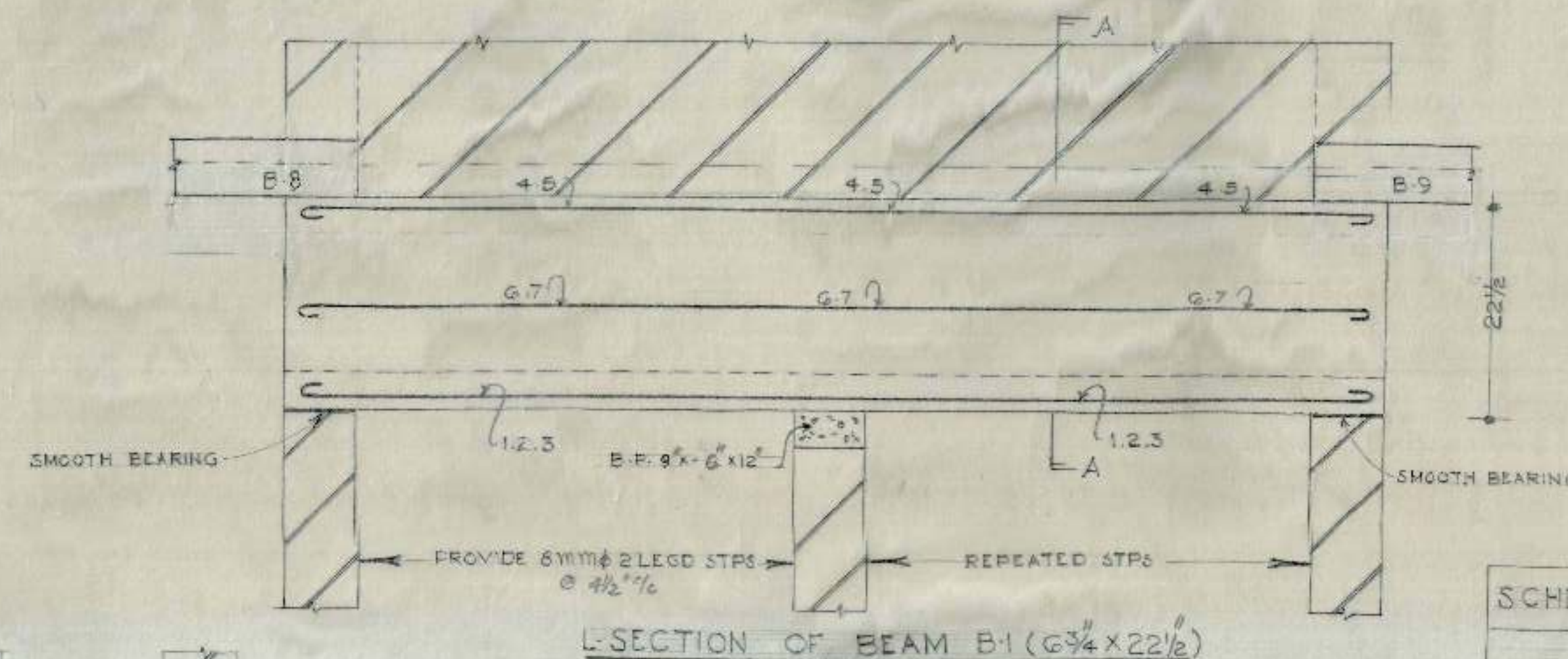


SECTION AT 3-3

2	16 mmφ
1, 3, 4, 5	12 mmφ

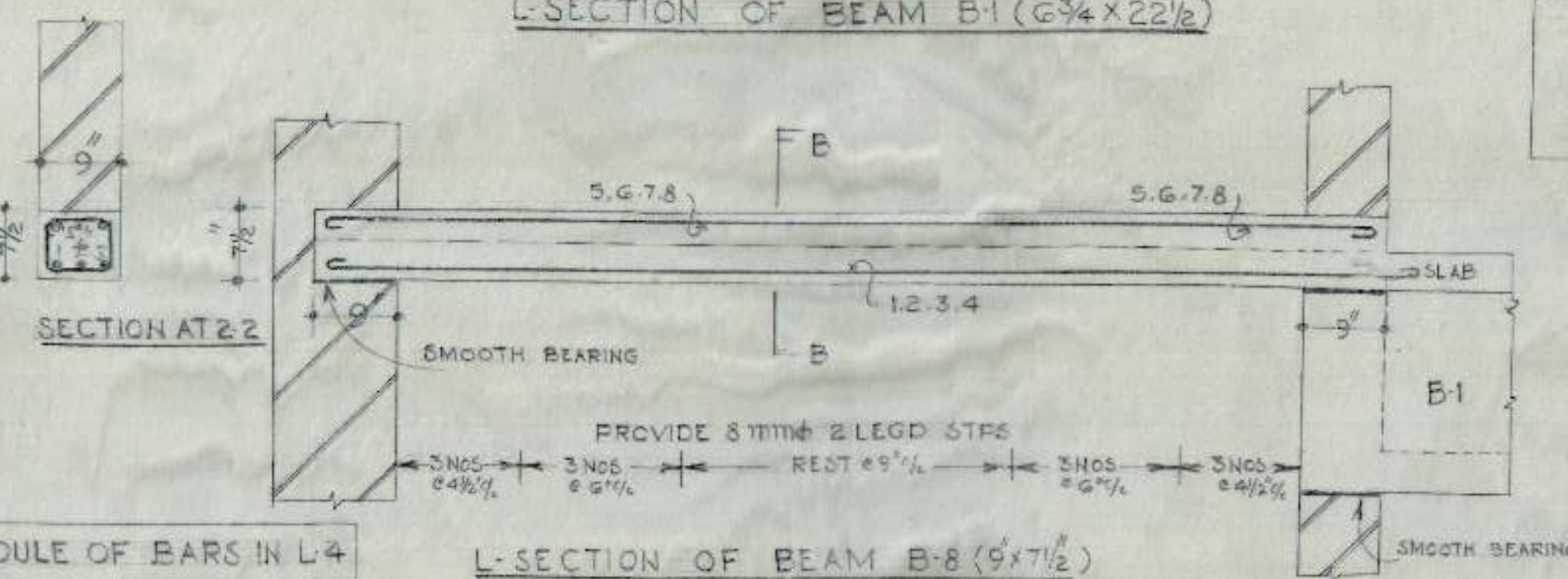


1, 3, 4, 5	12 mmφ
2	16 mmφ



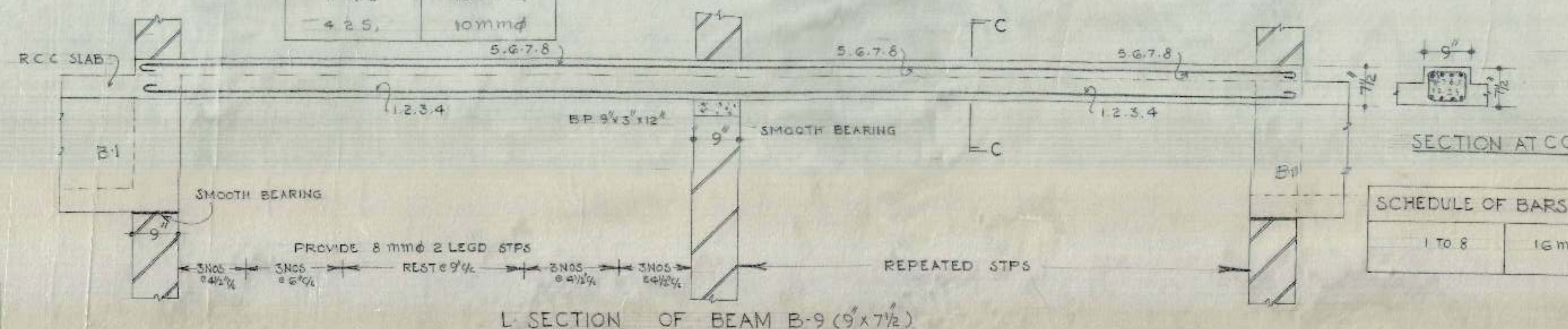
SECTION AT A-A

1 TO 7	16 mmφ
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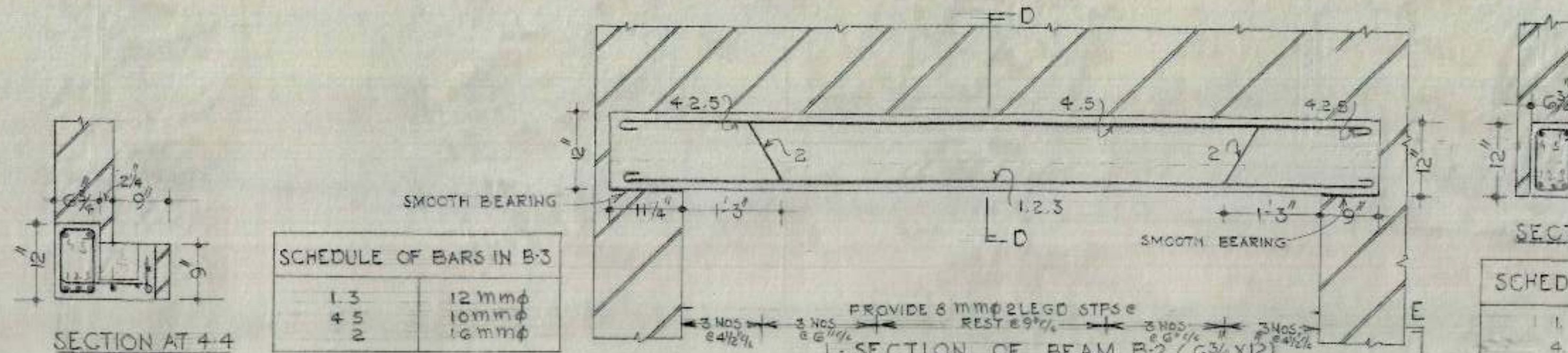
SECTION AT B-B

1 TO 8	16 mmφ
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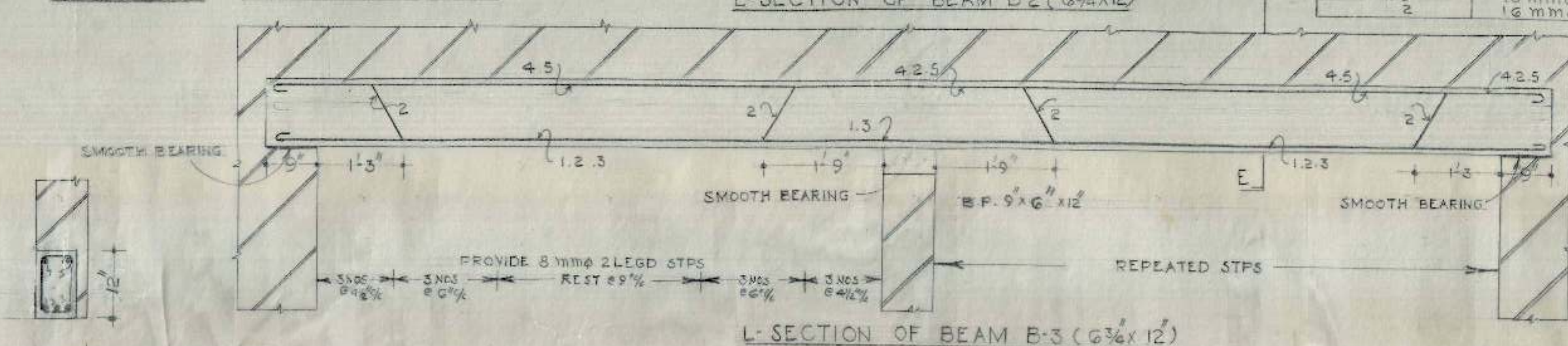
SECTION AT C-C

1 TO 8	16 mmφ
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SECTION AT D-D

1, 3	12 mmφ
4, 5	10 mmφ
2	16 mmφ



SECTION AT E-E

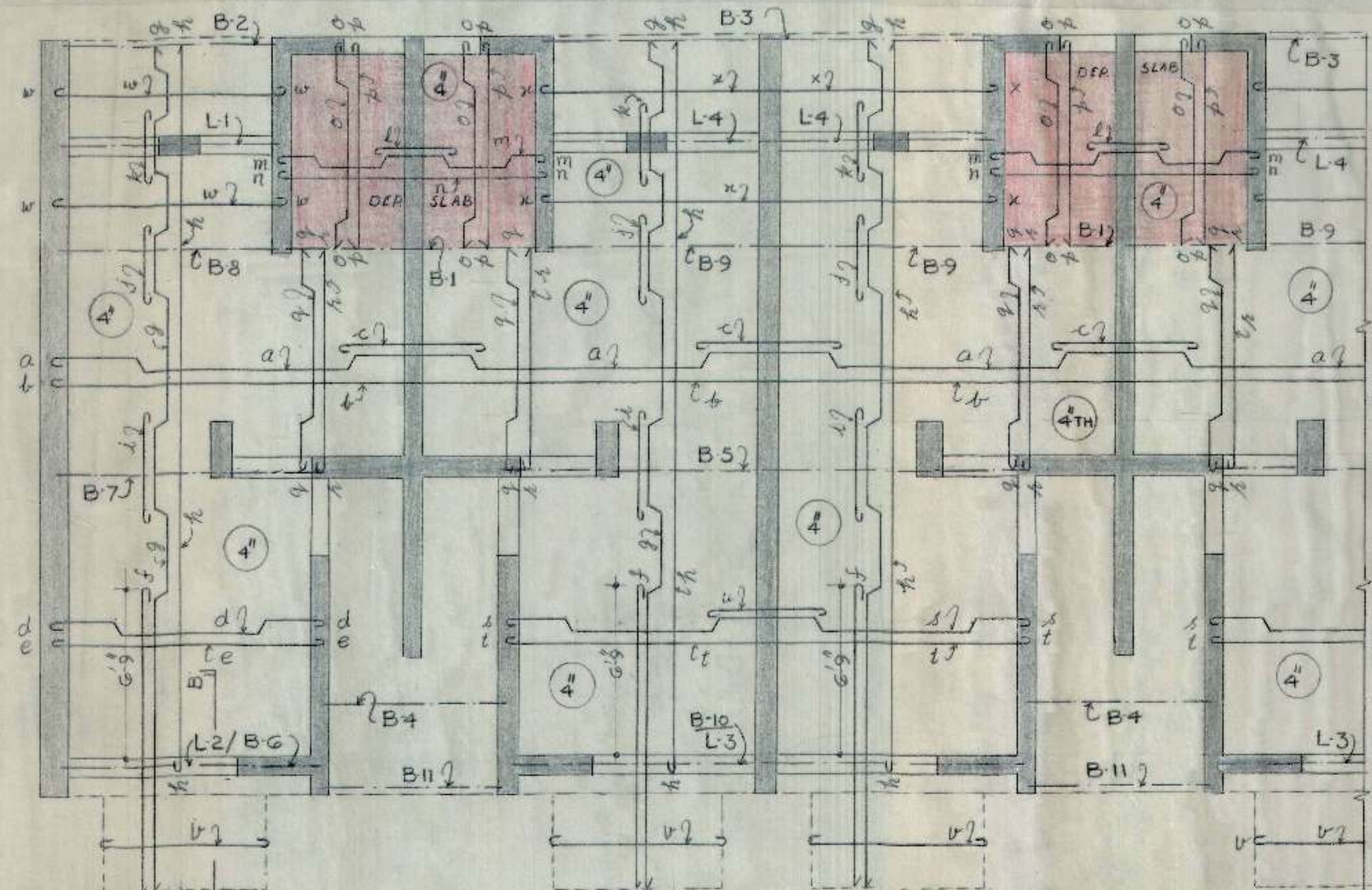
- S.No. NOTES
- FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG. NO. JOB NO.
 - DIMENSIONS ARE TO BE READ NOT TO BE SCALED OFF.
 - CLEAR COVER FOR SLAB TO BE 1/2" AND FOR BEAMS TO BE 1".
 - STRUCTURAL SIZES AS SHOWN IN THIS DRG. SHOULD BE ADOPTED INSITE OF ANY CONTRARY SIZES SHOWN IN THE ARCH. DRG.
 - THE CURE STRENGTH OF CONC. IN SITU AT 28 DAYS SHALL NOT BE LESS THAN 2500 LBS/SQ. INCH AND CONC. MIX. NOT LEANER THAN 1:2:4.
 - SUITABLE LINTELS MAY BE PROVIDED OVER OPENINGS SUCH AS DOORS & WINDOWS.
 - ANCHORAGE IN REINFORCEMENT SHALL BE 40 TIMES THE DIAMETER WHEREVER REQUIRED.
 - LAPS IN REINFORCEMENT SHALL BE IN ACCORDANCE WITH LATEST I.S.I. SPECIFICATIONS.
 - DISCREPANCIES BETWEEN DETAILS SHOWN IN THIS DRG. AND ARCH. DRG. IF ANY SHOULD BE GOT CLARIFIED FROM THIS OFFICE BEFORE ADOPTING THIS DESIGN.

OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH

DRN BY	M. I. G. SECTOR 41-D.	DRG NO.
SCALE	DETAIL OF REINFORCEMENT IN BEAMS & LINTELS AT G-F	JOB NO.
		44

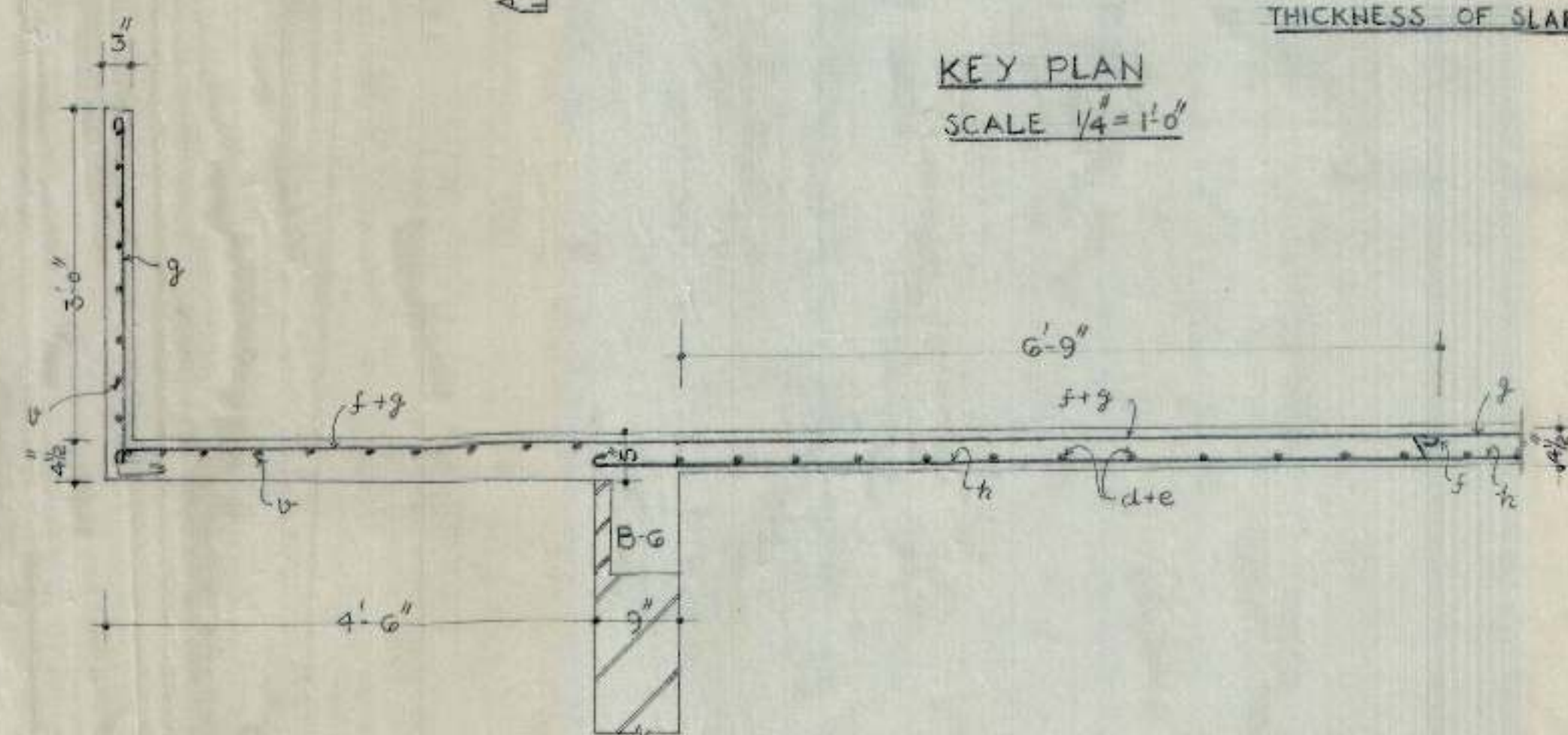
A.E.D. E.E-1 S.E.E

C.H.B.



KEY PLAN
SCALE 1/4" = 1'-0"

THICKNESS OF SLAB = 4"



SECTION AT A-B

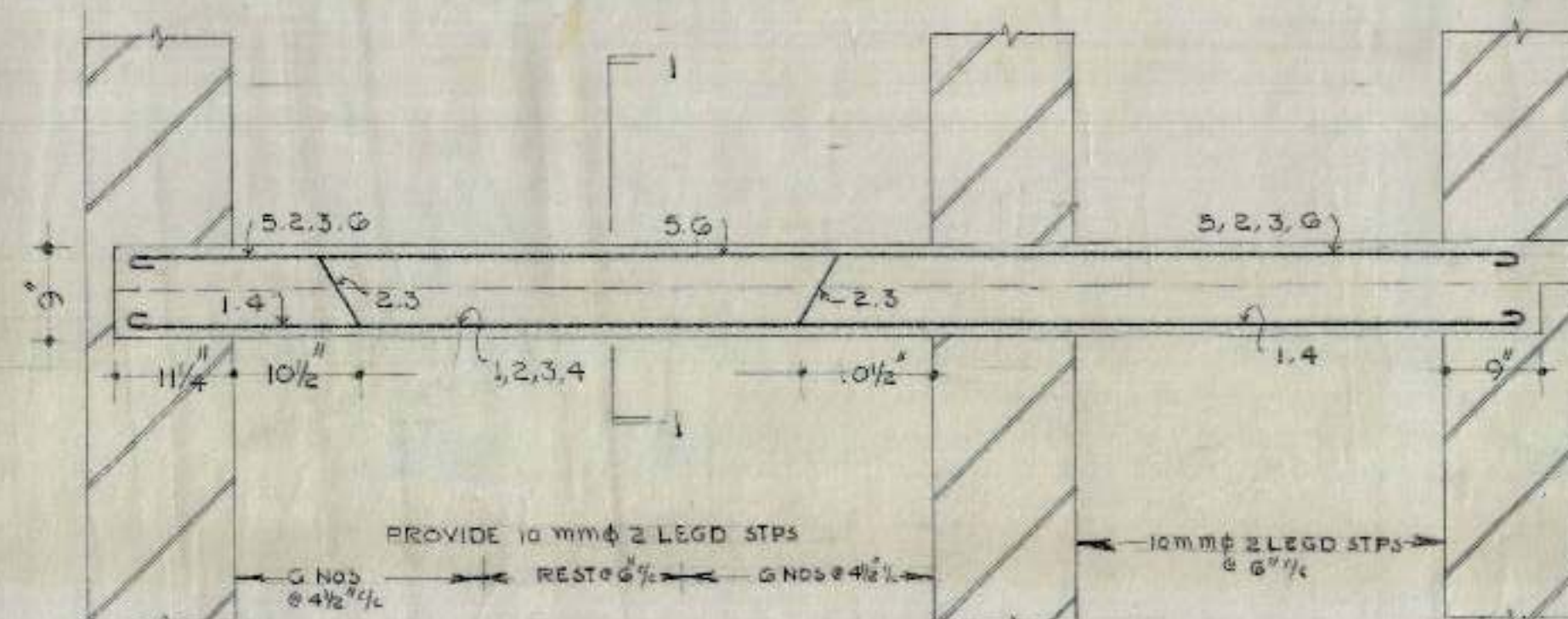
a	8	mm	φ	e	16"	1/4
b	8	mm	φ	e	16"	1/4
c	8	mm	φ	e	16"	1/4
d	10	mm	φ	e	16"	1/4
e	10	mm	φ	e	16"	1/4
f	12	mm	φ	e	4 1/2"	% NET
g	10	mm	φ	e	16"	1/4
h	8	mm	φ	e	16"	1/4
i	8	mm	φ	e	16"	1/4
j	8	mm	φ	e	16"	1/4
k	8	mm	φ	e	16"	1/4
l	10	mm	φ	e	12"	1/4
m	10	mm	φ	e	12"	1/4
n	10	mm	φ	e	12"	1/4
o	8	mm	φ	e	16"	1/4
p	8	mm	φ	e	16"	1/4
q	10	mm	φ	e	16"	1/4
r	8	mm	φ	e	16"	1/4
s	10	mm	φ	e	16"	1/4
t	8	mm	φ	e	16"	1/4
u	8	mm	φ	e	16"	1/4
v	8	mm	φ	e	9"	1/4
w	8	mm	φ	e	9"	1/4
x	8	mm	φ	e	9"	1/4

S.No	NOTES
1	FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG No JOB No.
2	FOR OTHER NOTES & REFERENCES REFER STR DRG No 7 JOB No 44

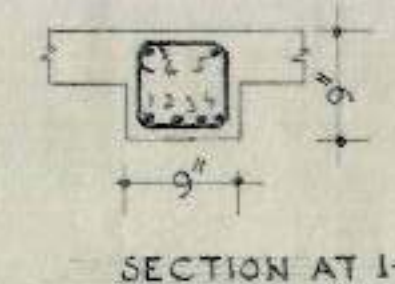
OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH

DRN BY	M.I.G SECTOR-41-D	DRG No 9
SCALE	DETAIL OF REINFORCEMENT IN SLAB AT G.F.F.F.F	JOB No 44
A.E.D.	E.E.I	S.E.H.B

C.H.B

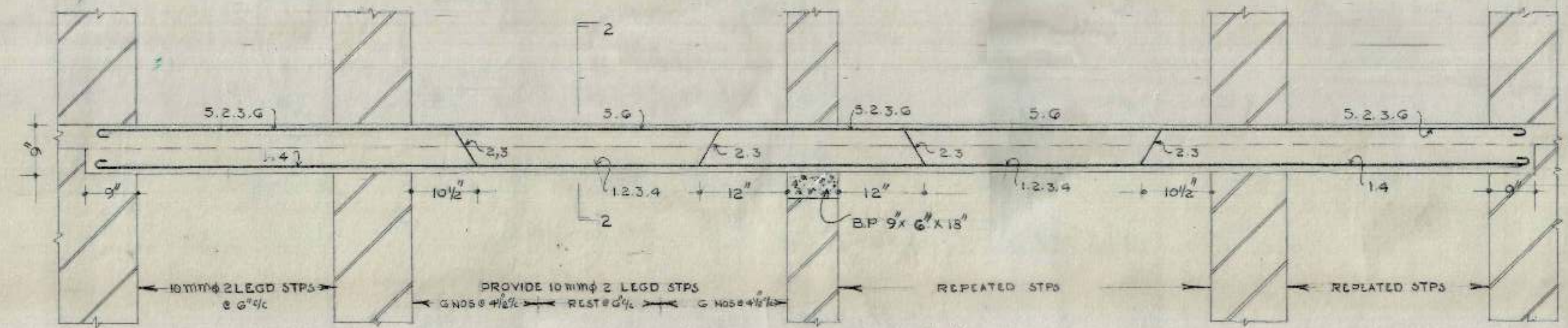


L-SECTION OF BEAM B-7 (9'x9')

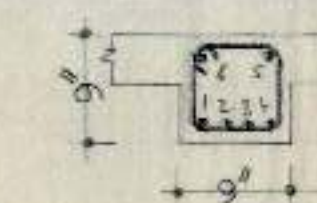


SECTION AT 1-1

SCHEDULE OF BARS IN B-7	
1 TO 6	12 mm ϕ

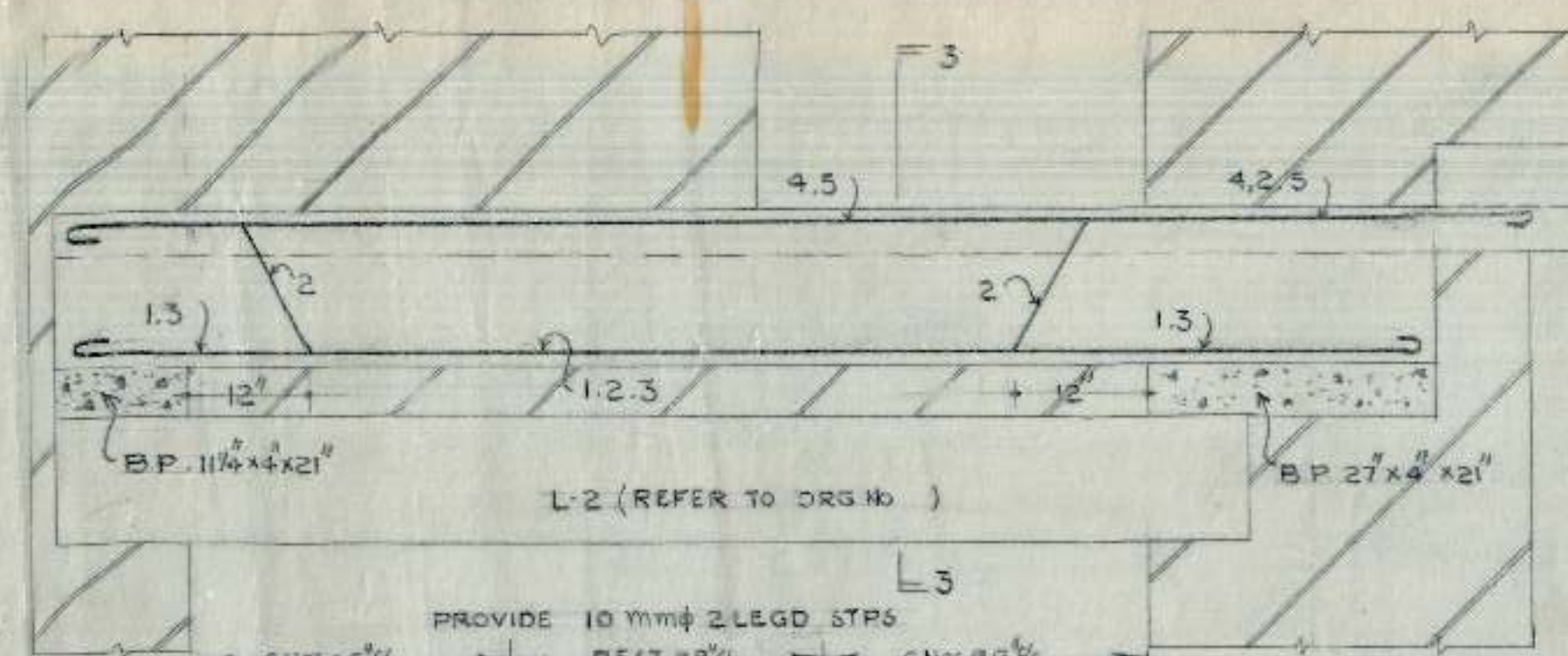


L-SECTION OF BEAM B-5 (9'x9')

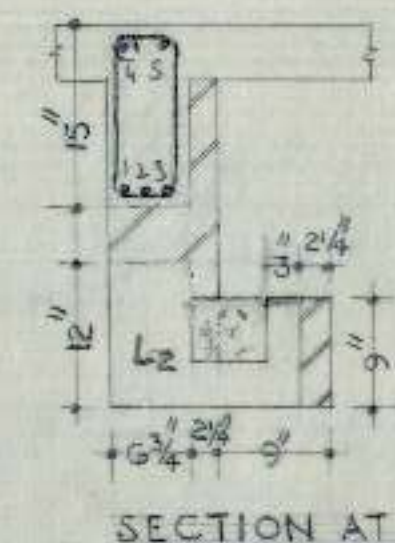


SECTION AT 2-2

SCHEDULE OF BARS IN B-5	
1 TO 6	12 mm ϕ

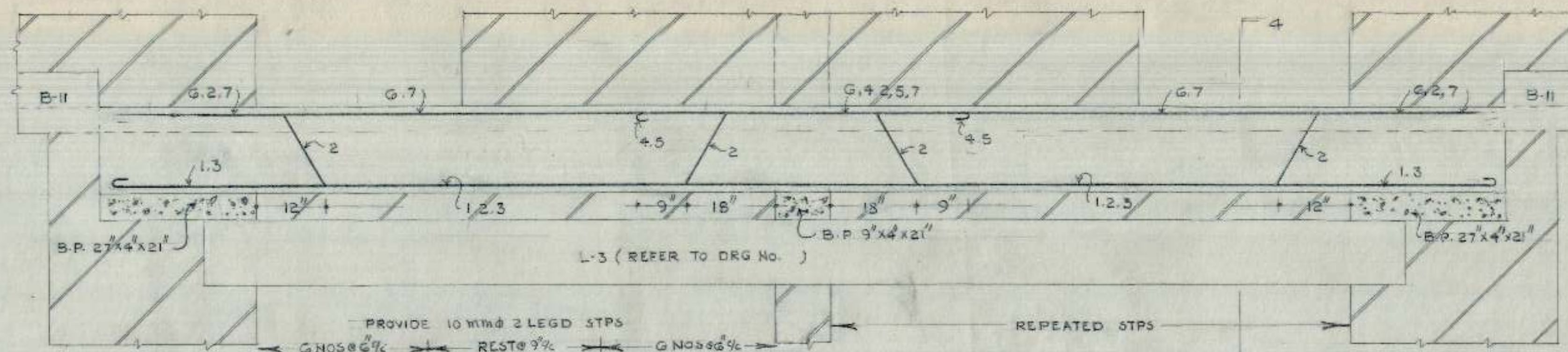


L-SECTION OF BEAM B-6 (6 3/4'x15')

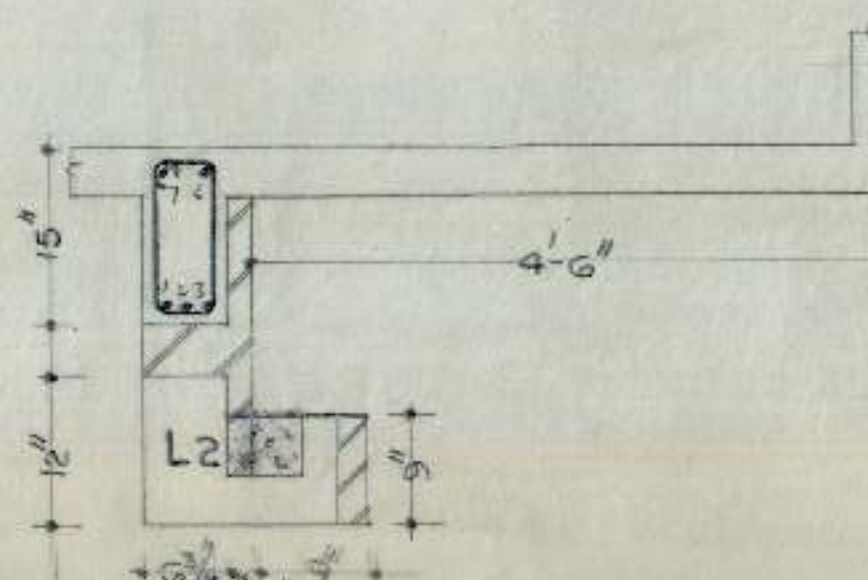


SECTION AT 3-3

SCHEDULE OF BARS IN B-6	
1, 2, 3	16 mm ϕ
4, 5	12 mm ϕ

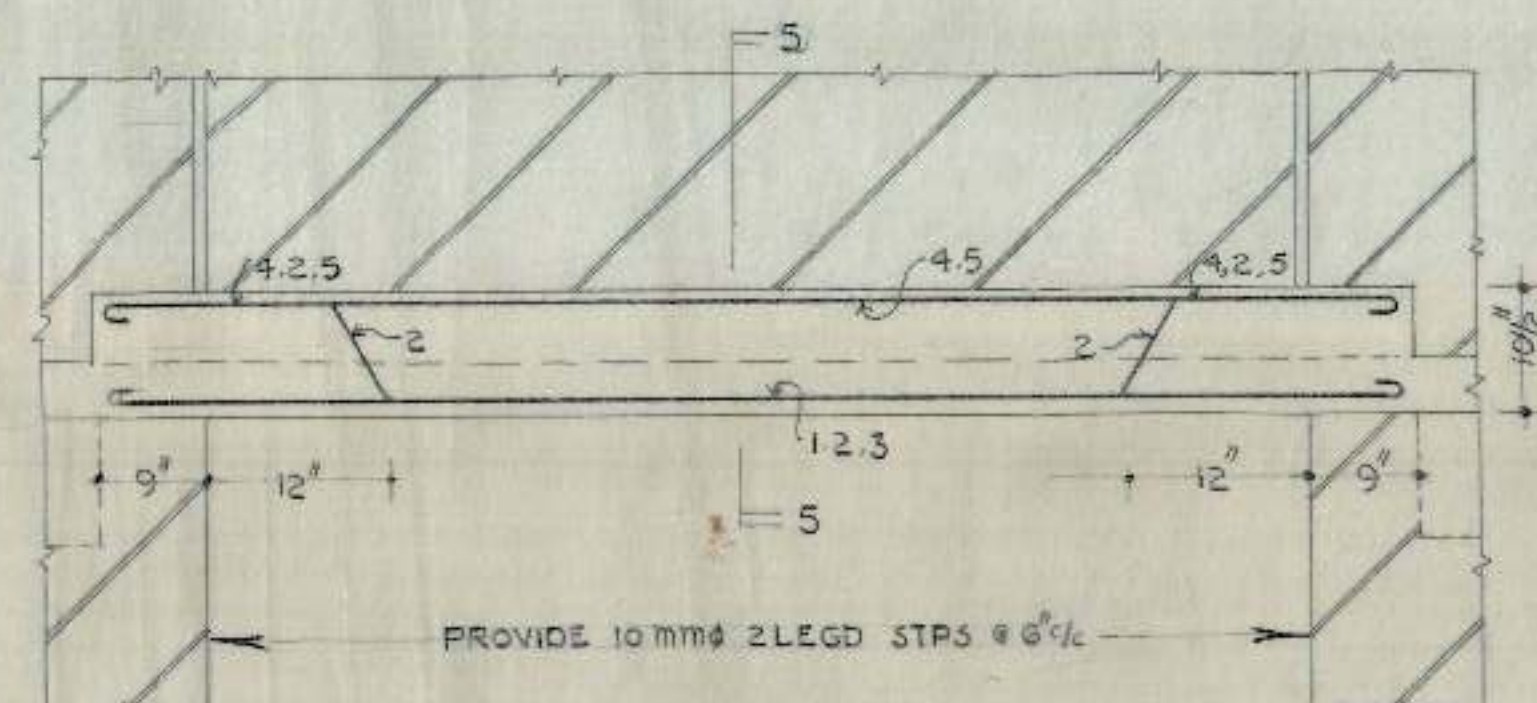


L-SECTION OF BEAM B-10 (6 3/4'x15')

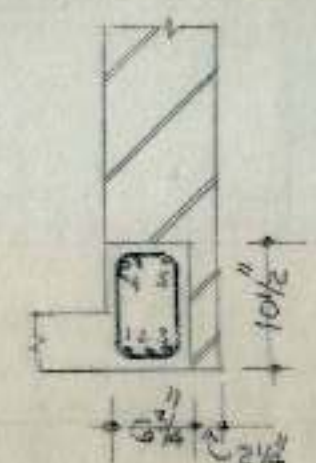


SECTION AT 4-4

SCHEDULE OF BARS IN B-10	
1, 2, 3	16 mm ϕ
4, 5, 6, 7	12 mm ϕ



L-SECTION OF BEAM B-11 (6 3/4'x10 1/2')



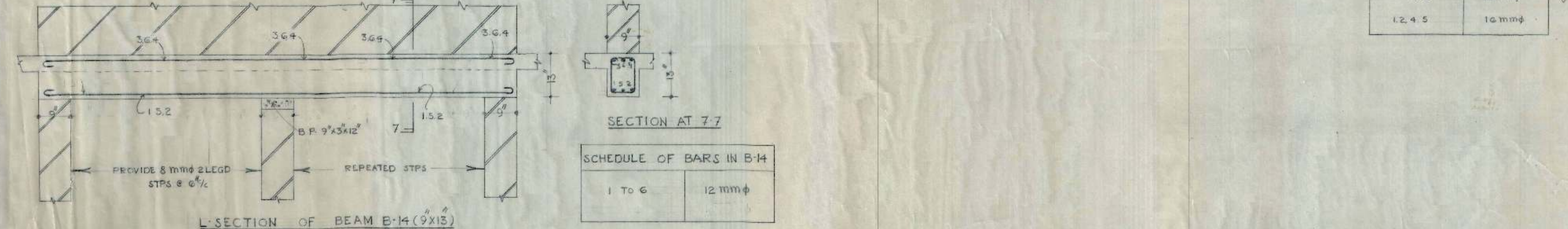
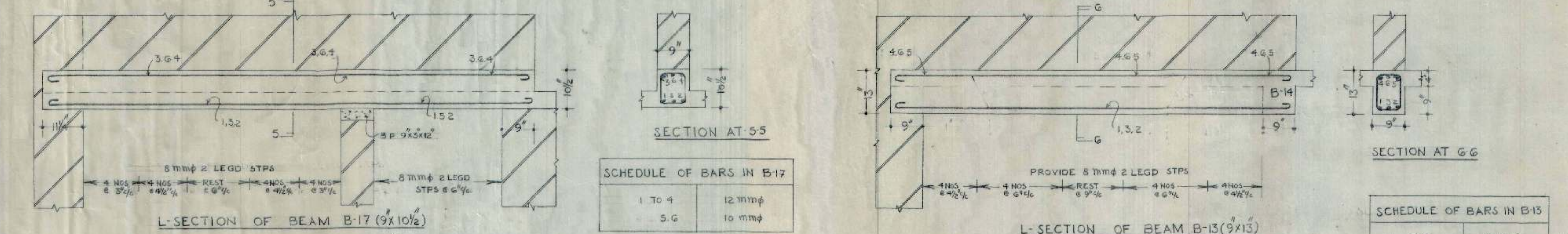
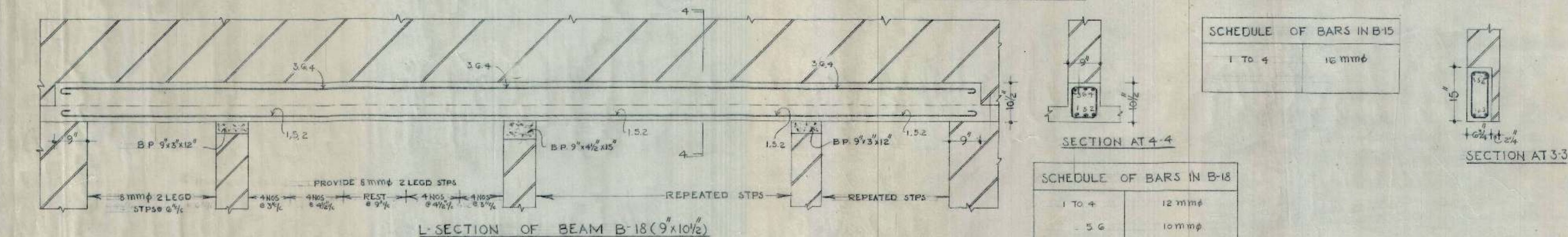
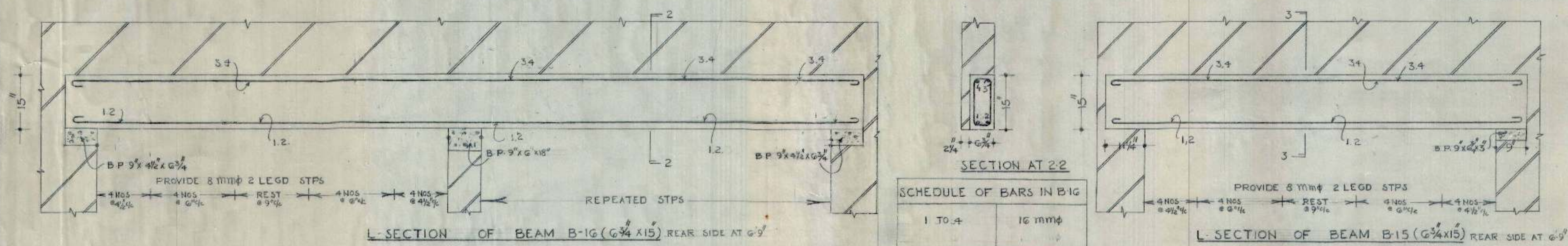
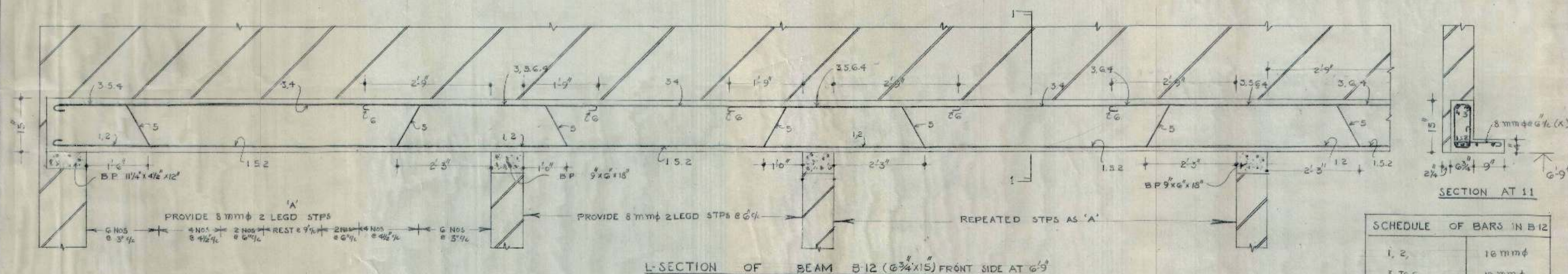
SECTION AT 5-5

SCHEDULE OF BARS IN B-11	
1, 2, 3	12 mm ϕ
4, 5	10 mm ϕ

- NOTE
- FOR CENTRE LINE DIMENSIONS REFER ARCH DRG NO - JOB NO
 - FOR OTHER NOTES & REFERENCES REFER STR DRG NO. 7 JOB NO. 44

OFFICE OF THE SUPERINTENDING ENGINEER CHANDIGARH HOUSING BOARD CHANDIGARH		
DRN BY <i>Latinder</i>	M.I.G SECTOR-41-D	DRG NO 10
SCALE 3/4" = 1'-0"	DETAIL OF REINFORCE- MENT IN BEAMS AT G.F.F.F., etc.	JOB NO 44
A.E.D.	E.E.I	S.E.H.B

CHB

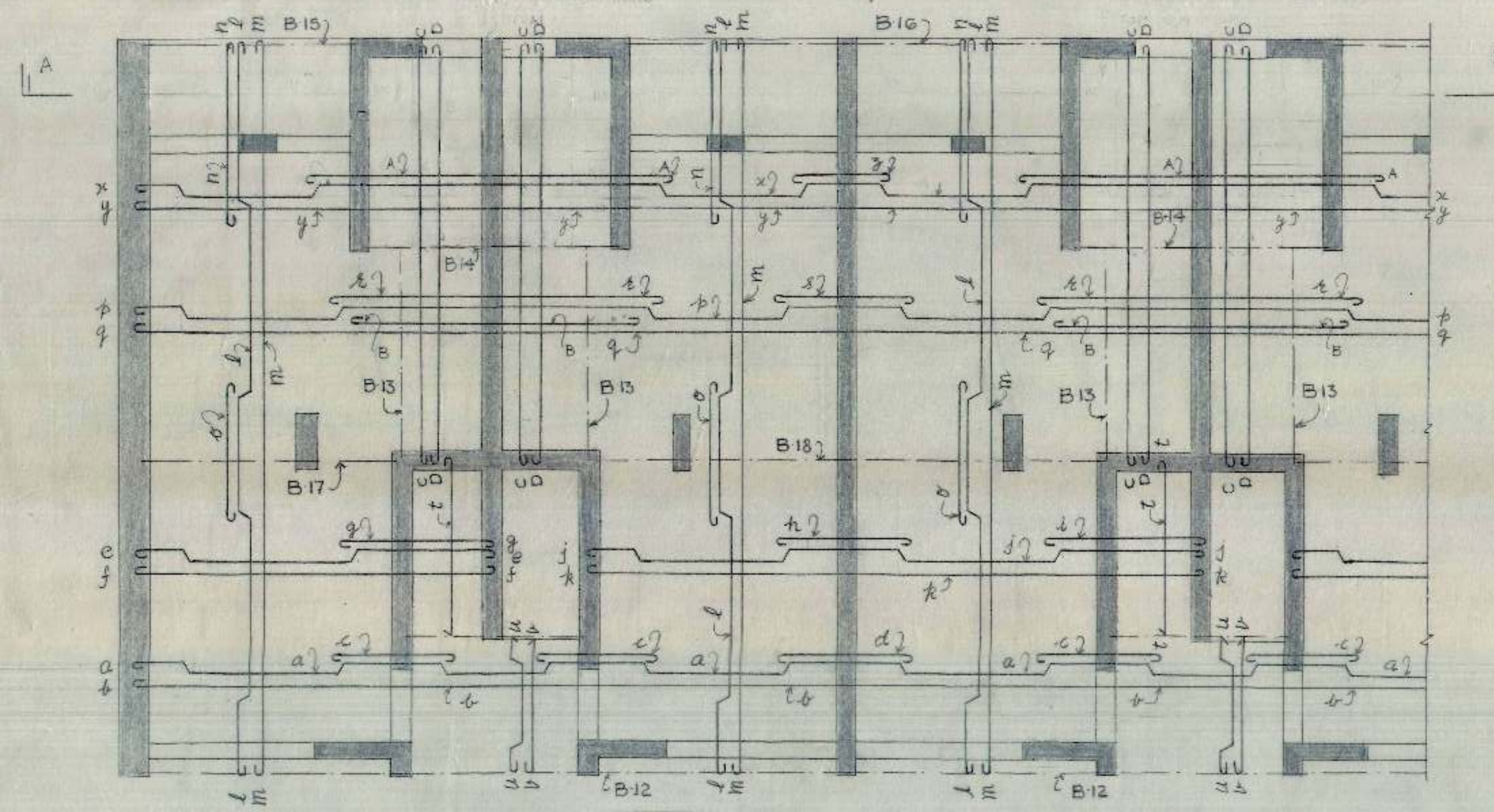


S.No.	NOTES
1	FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG NO. JOB NO.
2	FOR OTHER NOTES & REFERENCES REFER STR. DRG NO. 7 JOB NO. 44.

OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH

DESIGNED BY A.E.D.	MIG SECTOR-41-D	DRG NO. 11
SCALE 3/4" = 1'-0"	DETAIL OF REINFORCEMENT IN BEAMS AT TOP FL.	JOB NO. 44
27.4.87	E.E.1	S.E.H.B.

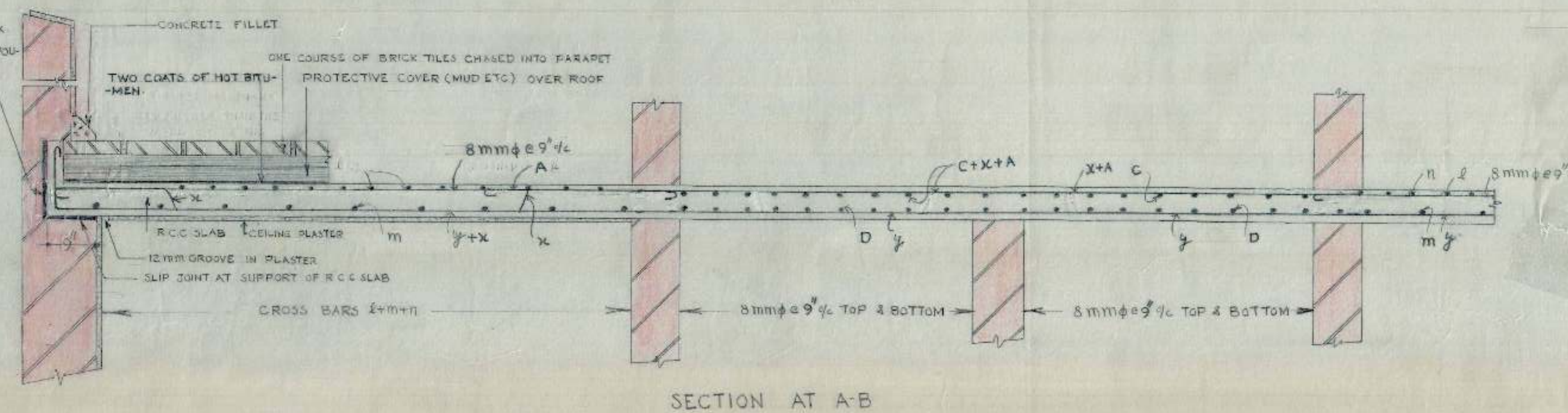
CHB



KEY PLAN SCALE $\frac{1}{4}''=1'-0''$ THICKNESS OF SLAB = 4"

2" MIN GAP BETWEEN SLAB END AND BRICK MASONRY. $\frac{3}{4}$ " FILLED WITH MASTIC COMPOUND

SCHEDULE OF BARS IN SLAB													
a	10	mm	⌀	@	15"	1/2	Δ	8	mm	⌀	@	15"	1/2
b	8	mm	⌀	@	15"	1/2	t	8	mm	⌀	@	9"	1/2
c	8	mm	⌀	@	15"	1/2	u	8	mm	⌀	@	16"	1/2
d	8	mm	⌀	@	15"	1/2	v	8	mm	⌀	@	16"	1/2
e	10	mm	⌀	@	15"	1/2	w	8	mm	⌀	@	9"	1/2
f	8	mm	⌀	@	15"	1/2	x	10	mm	⌀	@	15"	1/2
g	8	mm	⌀	@	15"	1/2	y	8	mm	⌀	@	15"	1/2
h	8	mm	⌀	@	15"	1/2	z	8	mm	⌀	@	15"	1/2
i	8	mm	⌀	@	15"	1/2	A	8	mm	⌀	@	15"	1/2
j	10	mm	⌀	@	15"	1/2	B	8	mm	⌀	@	7 1/2"	1/2
k	8	mm	⌀	@	15"	1/2	C	8	mm	⌀	@	9"	1/2
l	8	mm	⌀	@	16"	1/2	D	8	mm	⌀	@	9"	1/2
m	8	mm	⌀	@	16"	1/2							
n	8	mm	⌀	@	16"	1/2							
o	8	mm	⌀	@	16"	1/2							
p	10	mm	⌀	@	15"	1/2							
q	8	mm	⌀	@	15"	1/2							
r	10	mm	⌀	@	15"	1/2							



S.No	NOTES
1	FOR CENTRE LINE DIMENSIONS REFER ARCH. DRG. No. JOB No.
2	FOR OTHER NOTES & REFERENCES REFER STR. DRG. No. 8 JOB No. 44.
3	WATER TANKS SHOULD NOT BE PROVIDED DIRECTLY OVER THE R.C.C. SLAB.

OFFICE OF THE SUPERINTENDING ENGINEER
CHANDIGARH HOUSING BOARD CHANDIGARH

DRN BY	M.I.G SECTOR-41D	DRG No 12
SCALE	DETAIL OF REINFORCEMENT IN SLAB AT TOP FL.	JOB No 44

23/4/57 A.E.D.	E.E.I.	S.E.
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