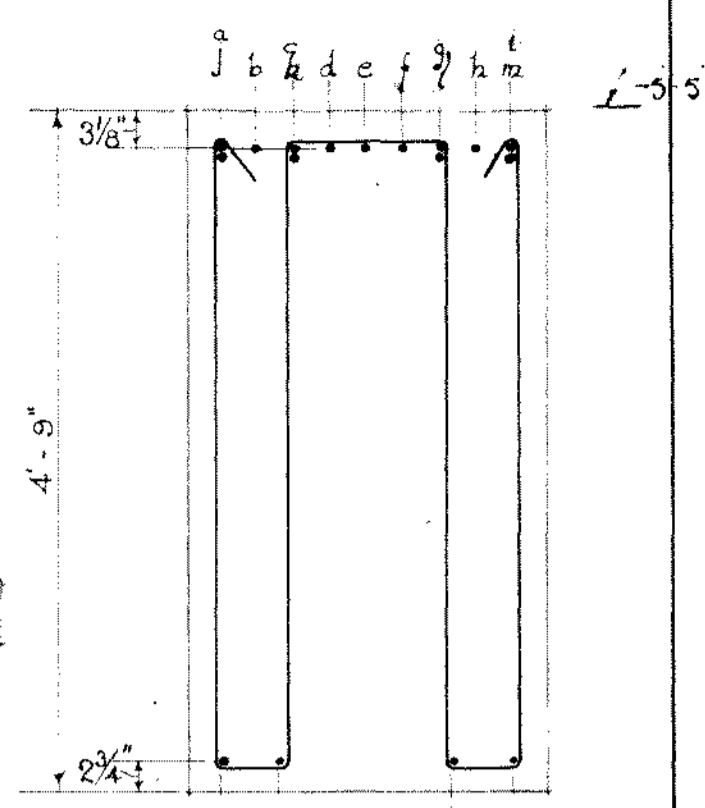


STANDARD BEND.



SECTION A-A

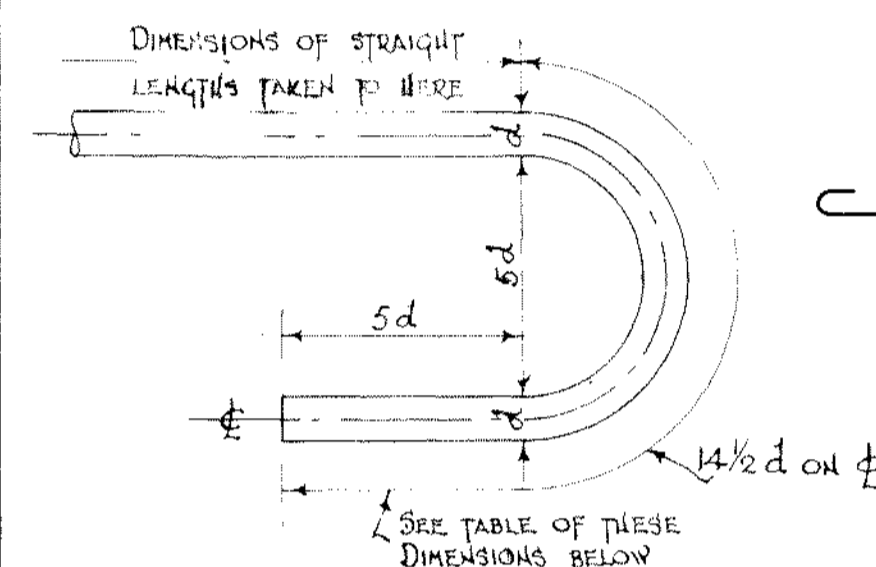
SCALE: 3/4" = 1'-0"

NOTES:

ALL DIMENSIONS TAKEN TO φ OF BARS. ALL BARS BENT AT ANGLE OF 135° EXCEPT WHERE OTHERWISE DIMENSIONED...

OUTER φ MARKED 'A' SHALL BE SET HORIZONTALLY AT 'X' FOR JOINT SPACING OF BAR IN ACCORDANCE WITH STANDARD BEND...

OUTER φ MARKED 'B' SHALL BE SET VERTICALLY AT 'Y' IN ACCORDANCE WITH STANDARD BEND...



STANDARD HOOK

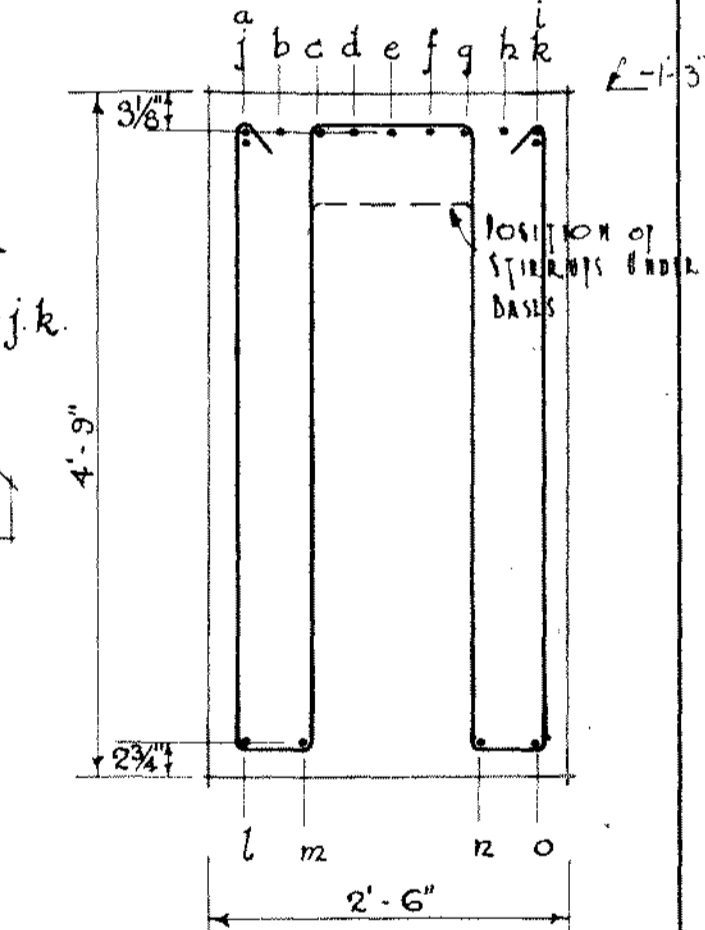
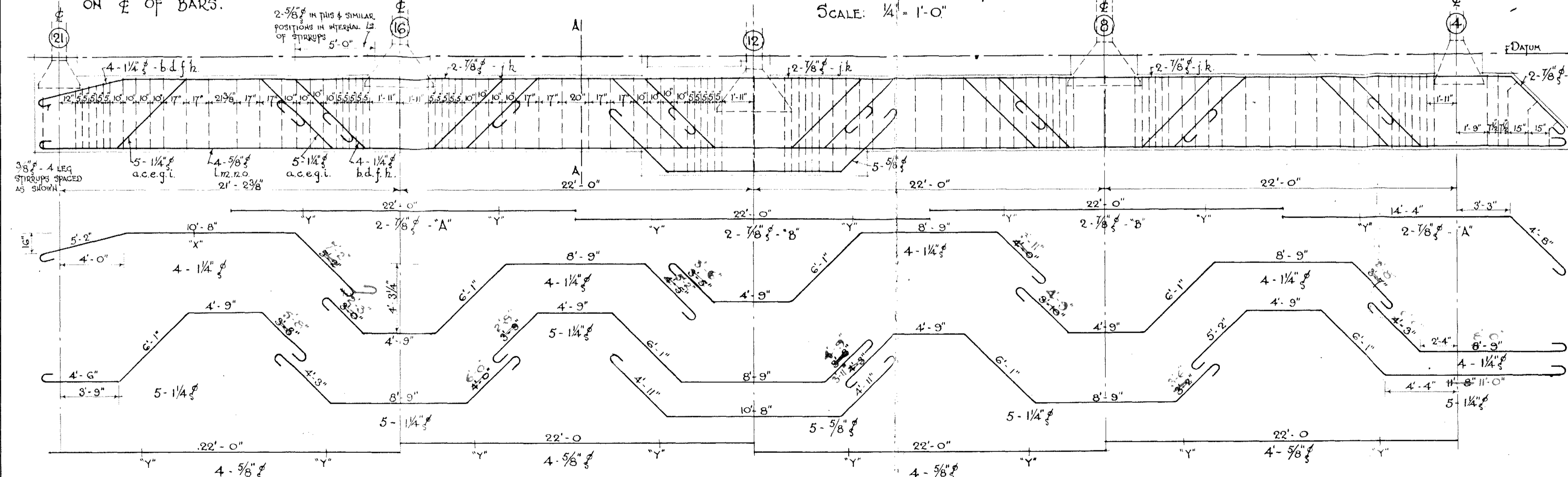
φ	1/4"	1/8"	1"	3/8"	3/4"	5/8"	1/2"	3/8"
5d	6 1/4"	5 3/4"	5"	4 1/2"	3 3/4"	3 3/4"	2 1/2"	2"
7 1/2 d	9 1/2"	8 1/2"	7 1/2"	6 1/2"	5 1/2"	5 1/2"	4 1/2"	4"
14 1/2 d	18"	16 1/2"	14 1/2"	12 3/4"	11"	9"	7 1/4"	5 1/2"

TABLE OF DIMENSIONS TAKEN ON φ OF BARS.

2-5/8φ IN THIS & SIMILAR POSITIONS IN INTERNAL 12 OF STRUPTS 5'-0"

ELEVATION OF WEST FOUNDATION BEAM

SCALE: 1/4" = 1'-0"



SECTION A-A

SCALE: 3/4" = 1'-0"

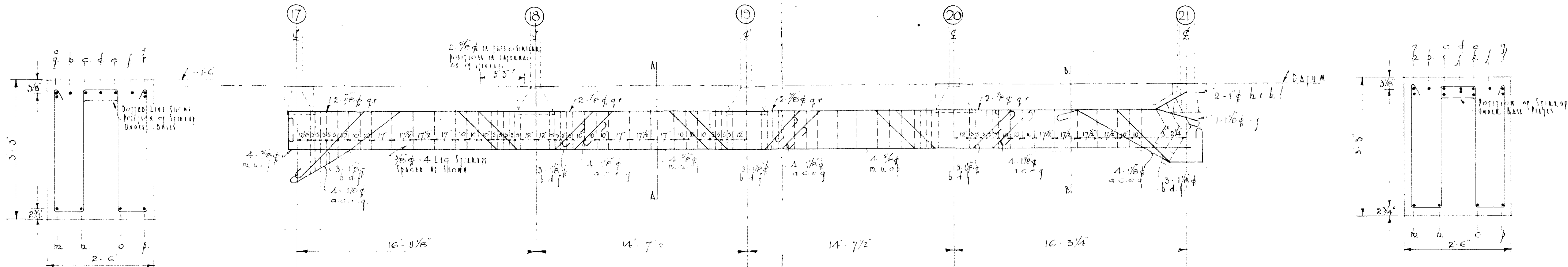
ELEVATION OF EAST FOUNDATION BEAM

SCALE: 1/4" = 1'-0"

J.M. DAVISON & KING
F.N.Z.I.A. ARCHT.
Architects, WELLINGTON.

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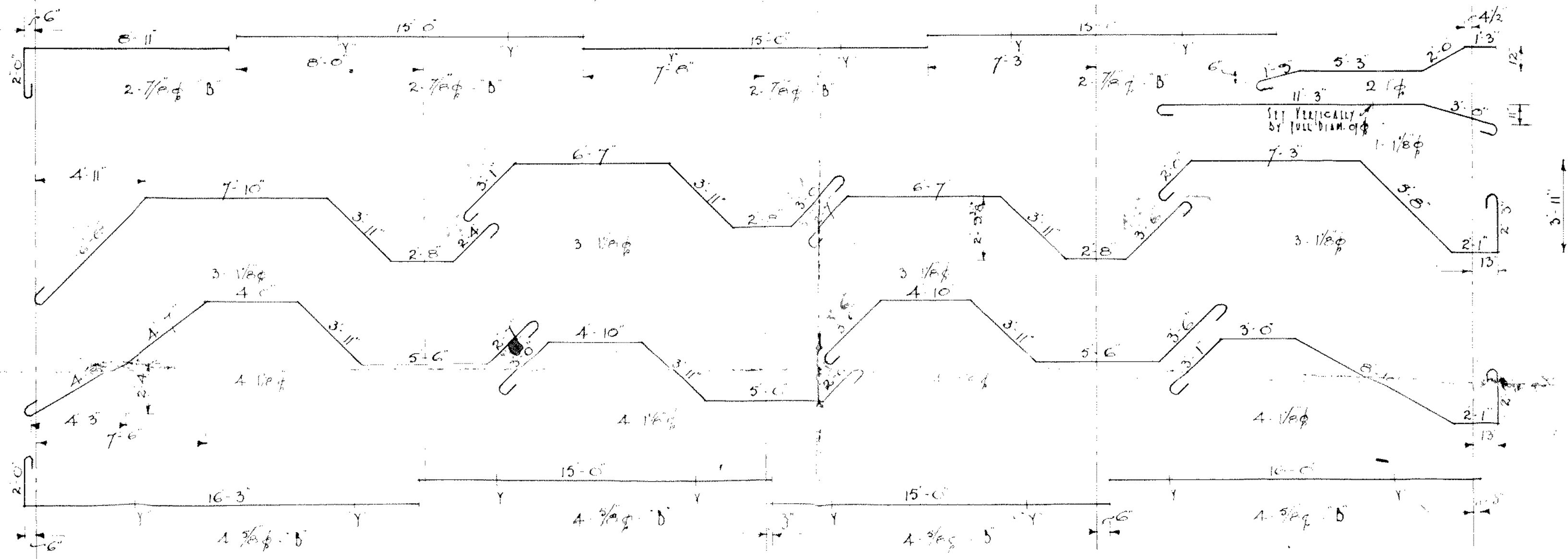
DRAWING No. A66/14.
SCALE: 1/4" & 3/4" = 1'-0"
MADE: 14th JULY '34 BY: J. Howard
TR. & G. Budge CHD: J. Howard



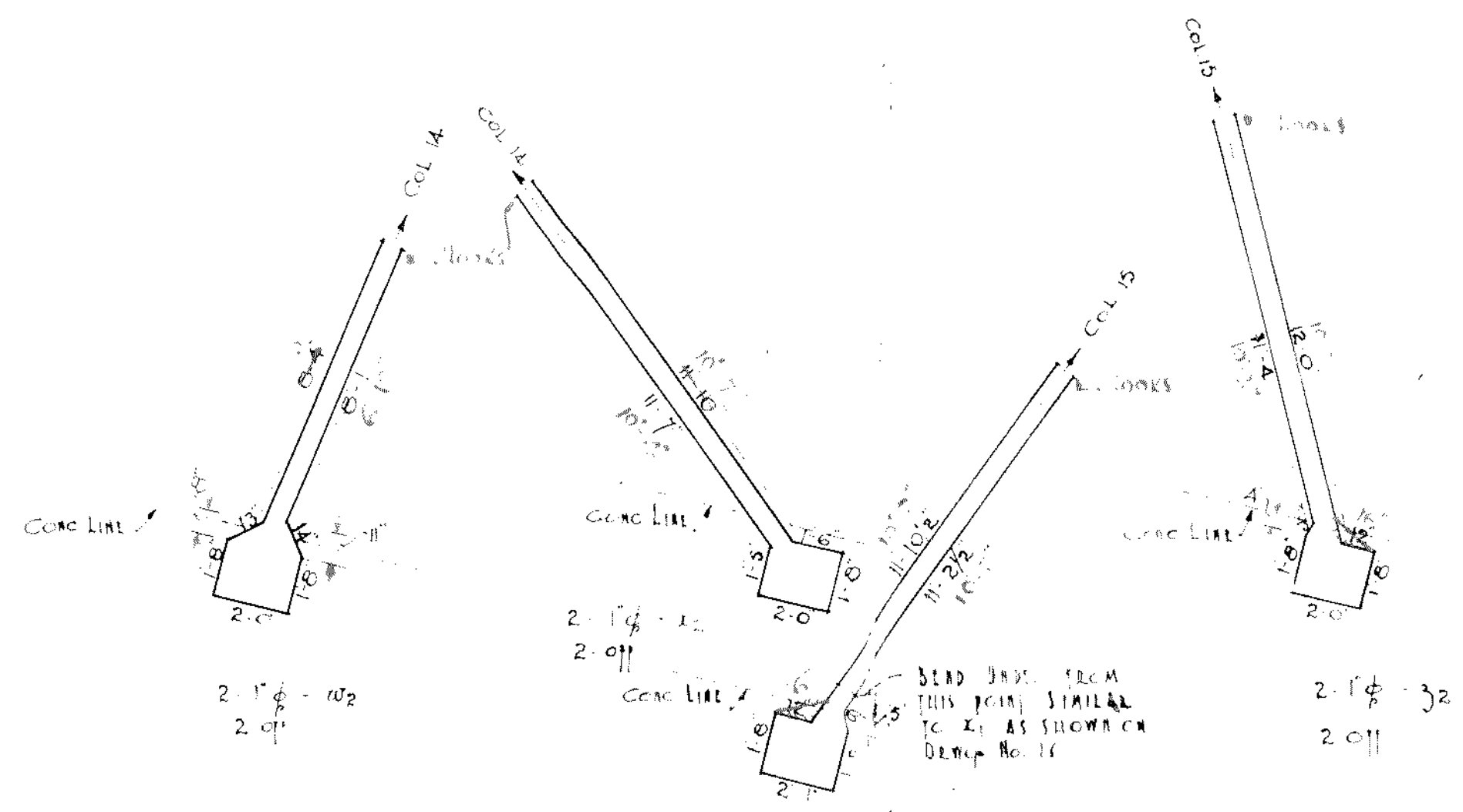
ELEVATION OF SOUTH FOUNDATION BEAM
SCALE: 1/4" = 1'-0"

SECTION A-A
SCALE: 3/4" = 1'-0"

SECTION B-B
SCALE: 3/4" = 1'-0"



PLAN AT COL 21 SHOWING HORIZONTAL BENDING
SCALE: 1/4" = 1'-0"



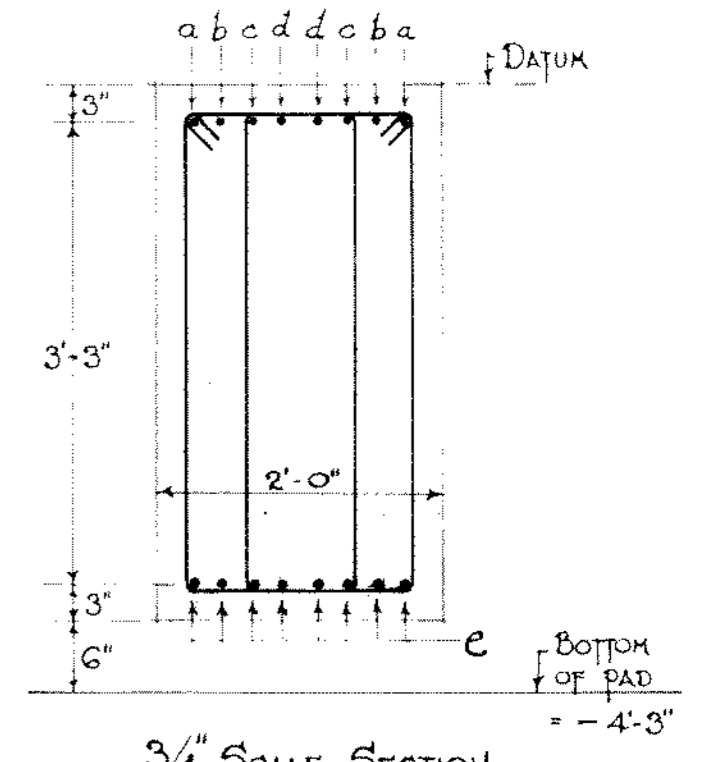
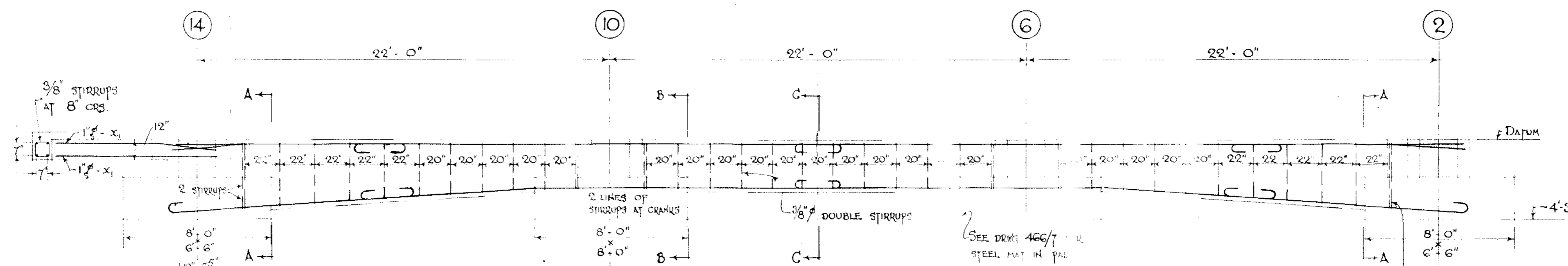
PLAN OF PILE SHOWING HORIZONTAL BENDING AT COLS 18, 19 & 20
SCALE: 1/4" = 1'-0"

NOTE:
ALL NOTES ON DRAWING
NO 466/14 APPLY.

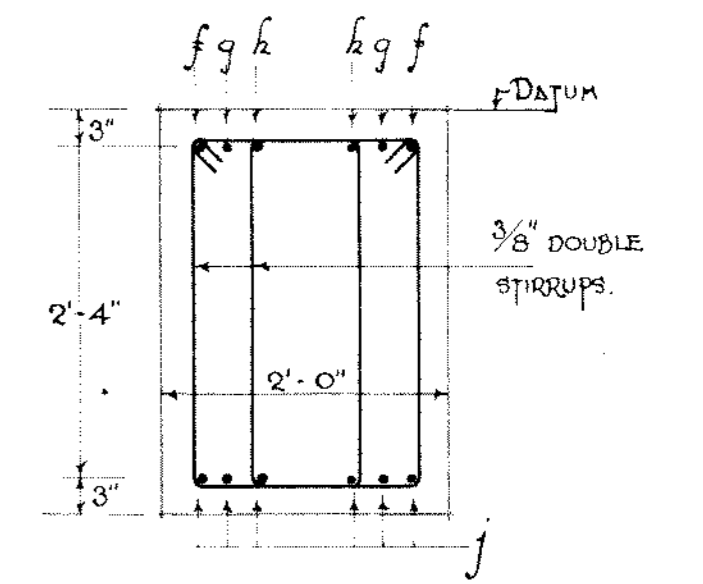
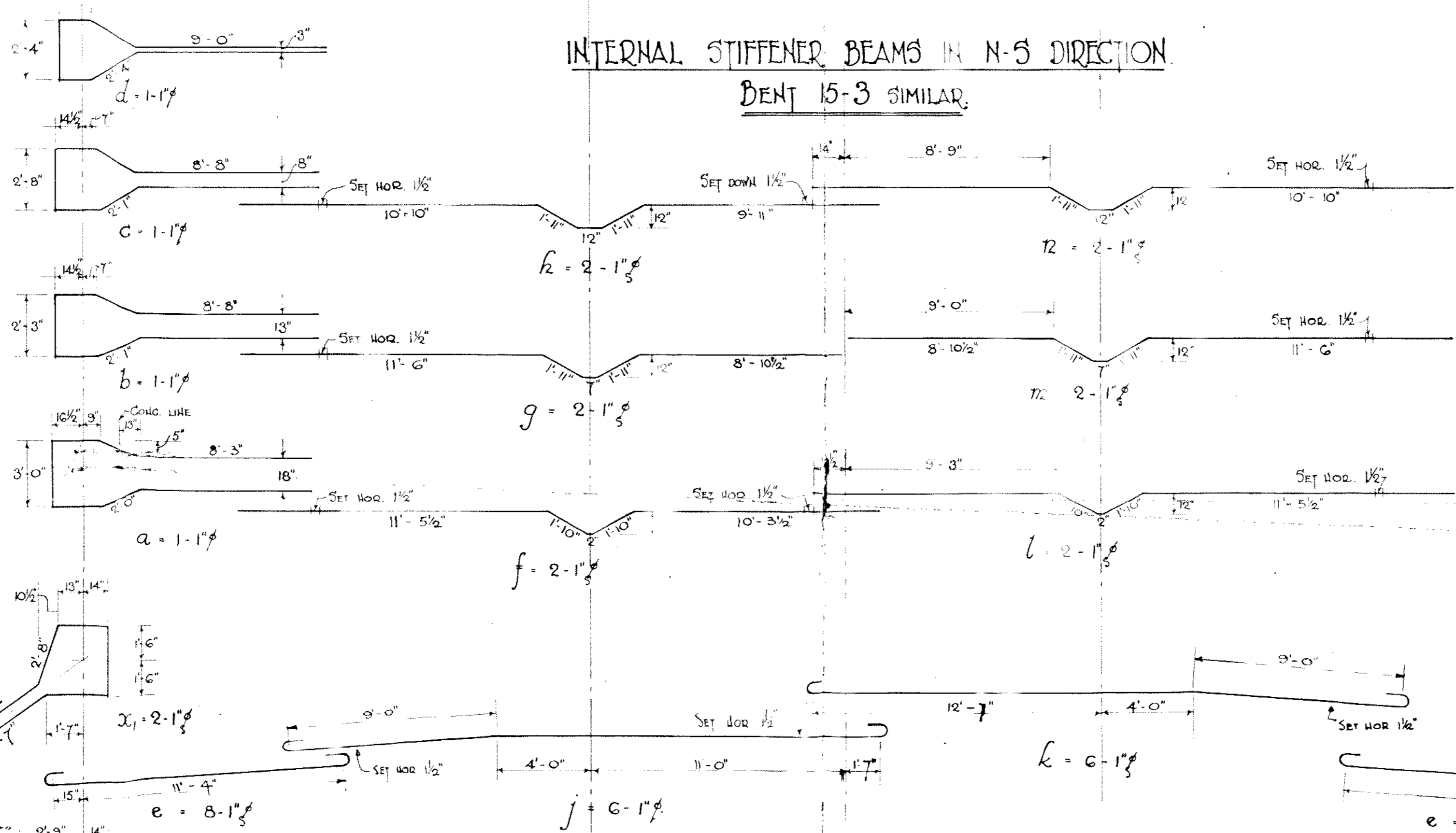
J.M. DENISON & KING
INCORPORATED
ENGINEERS
WELLINGTON, N.Z.

JAMES SMITH LTD. & PREMISES MANNERS ST. WELLINGTON

DRAWING NO. 466/15
SCALE: 1/4" = 1'-0"
MADE IN JULY 1934 BY
T.L. HOWARD GURD

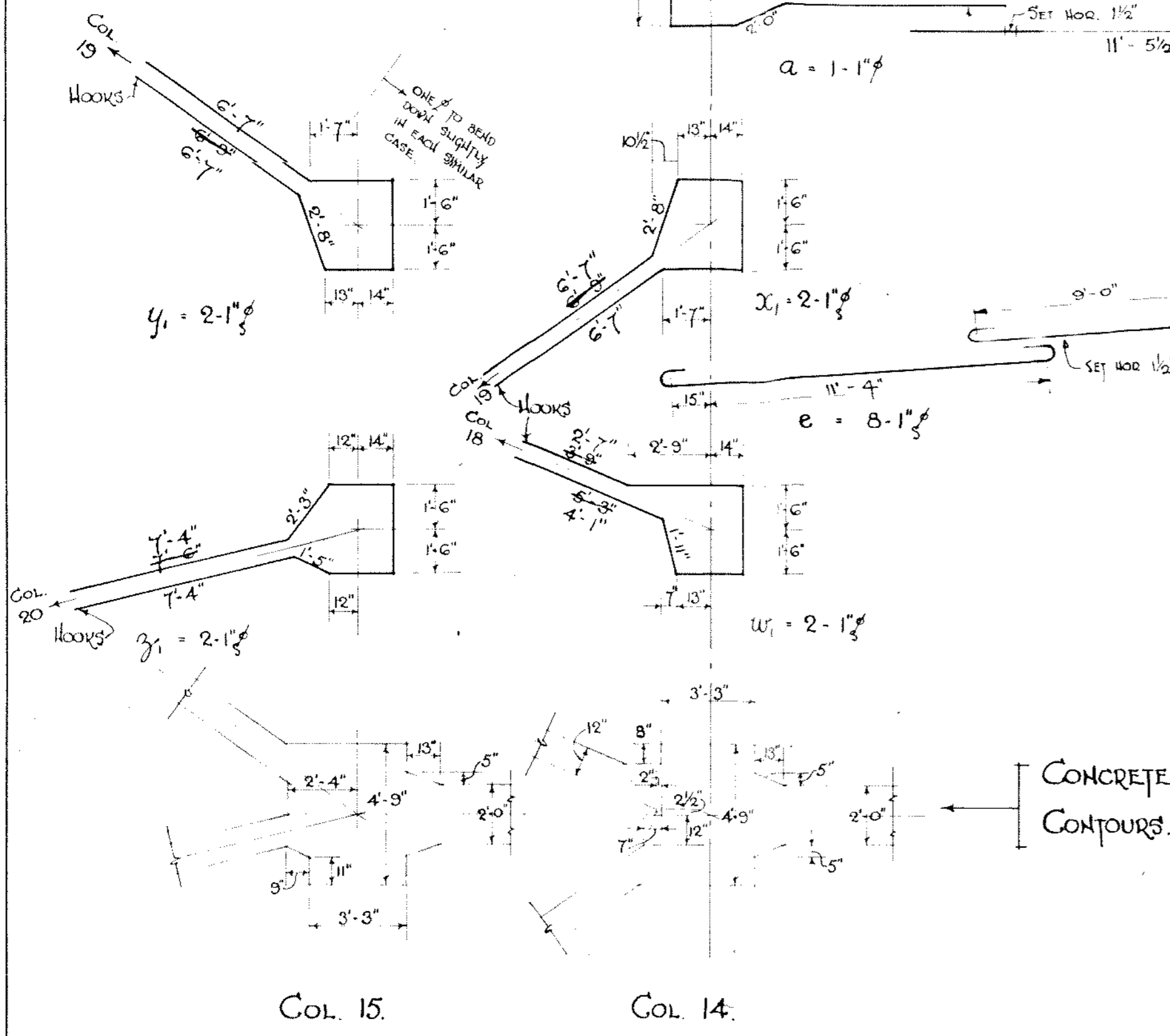


INTERNAL STIFFENER BEAMS IN N-S DIRECTION.
BENT 15-3 SIMILAR.

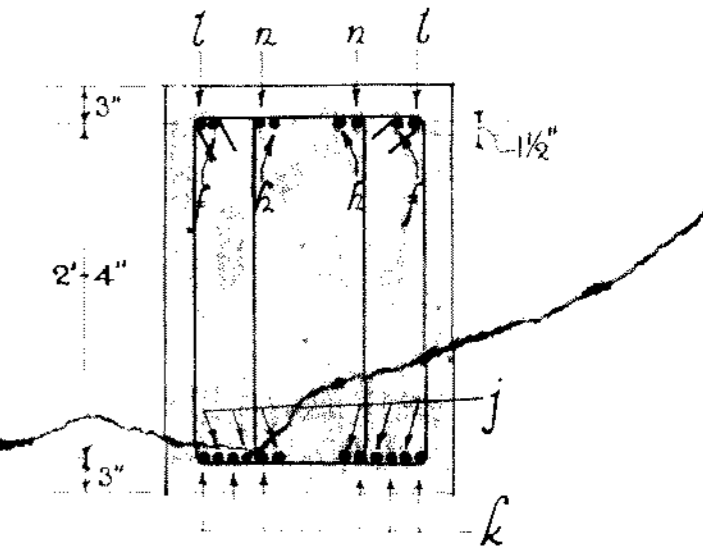


NOTE:
BARS a, b, c, d, e
AT COL 2 SAME
AS AT COL 14.

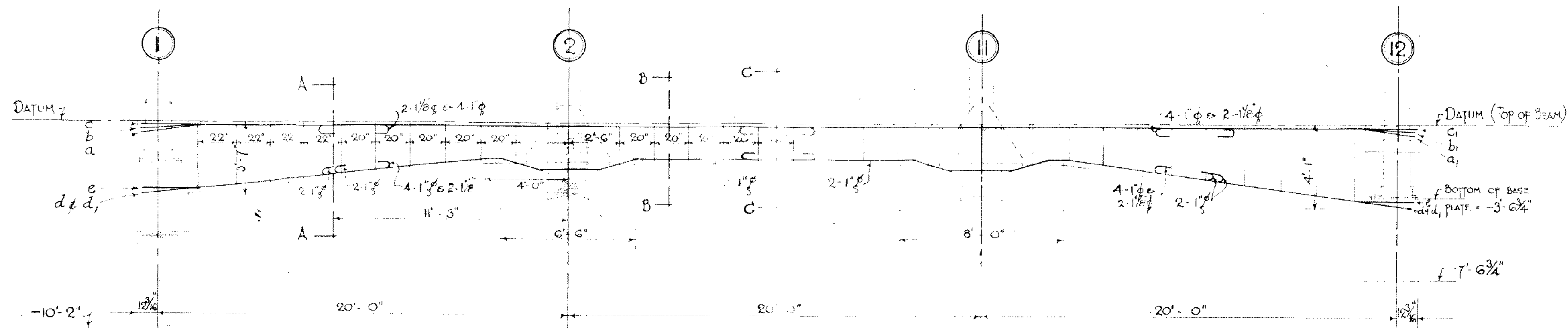
3/4" SCALE SECTION ON B-B.



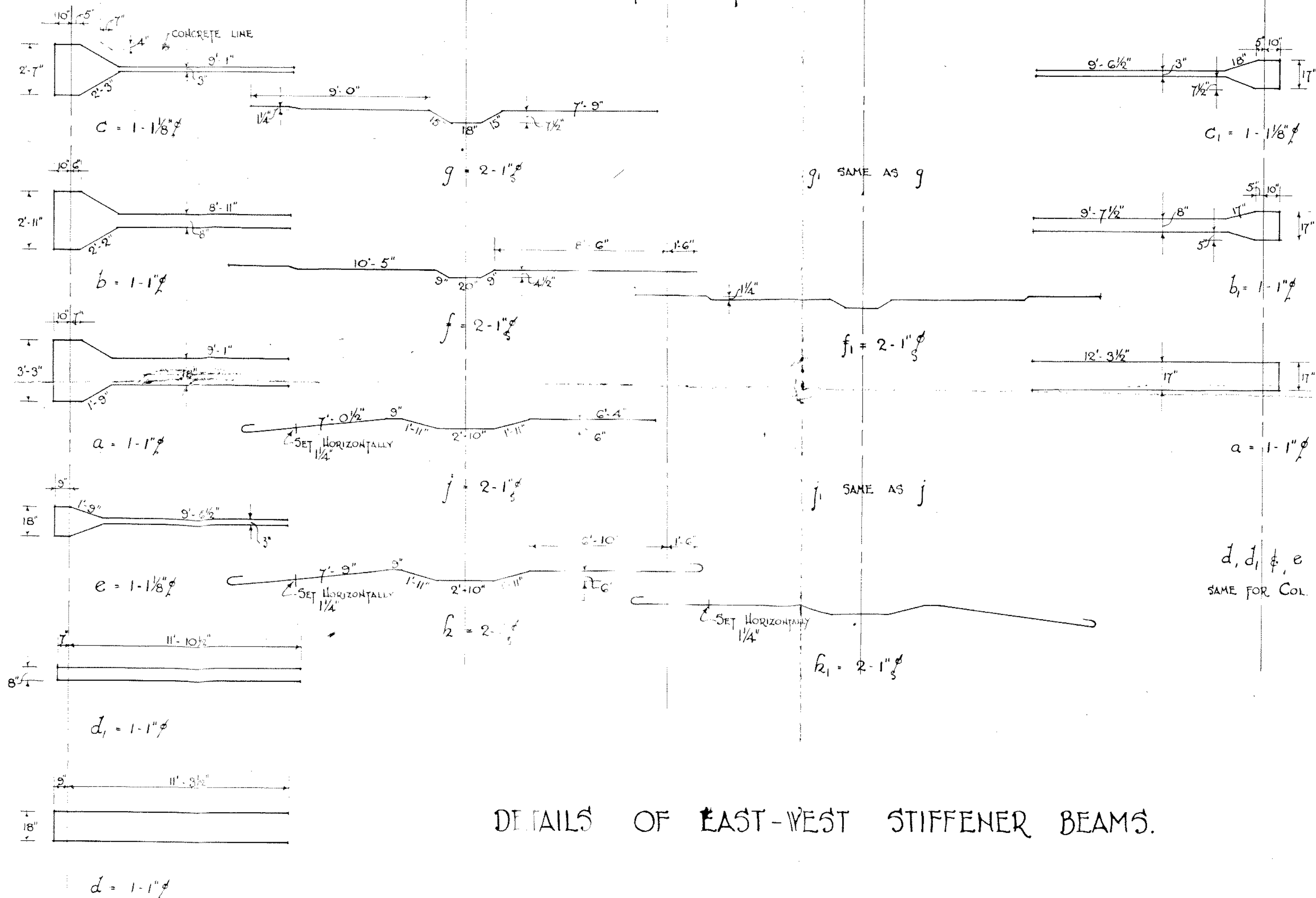
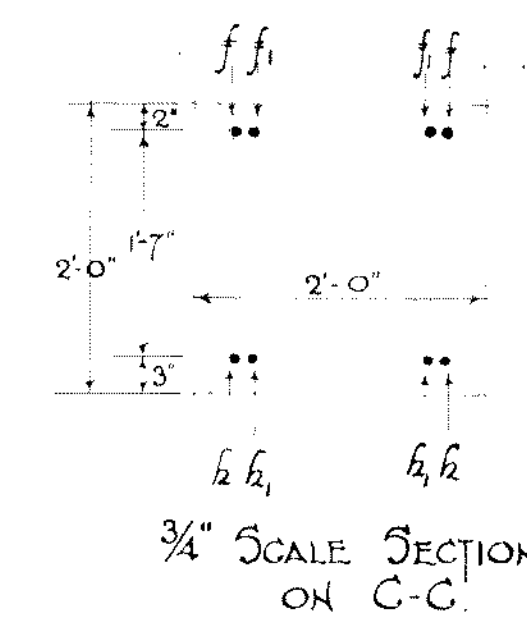
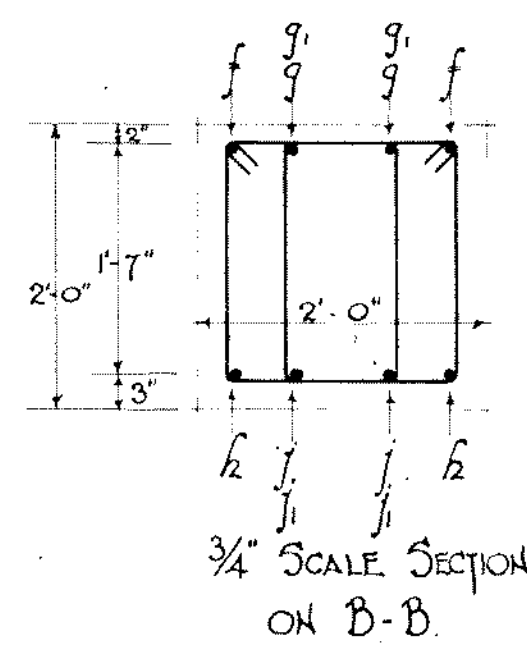
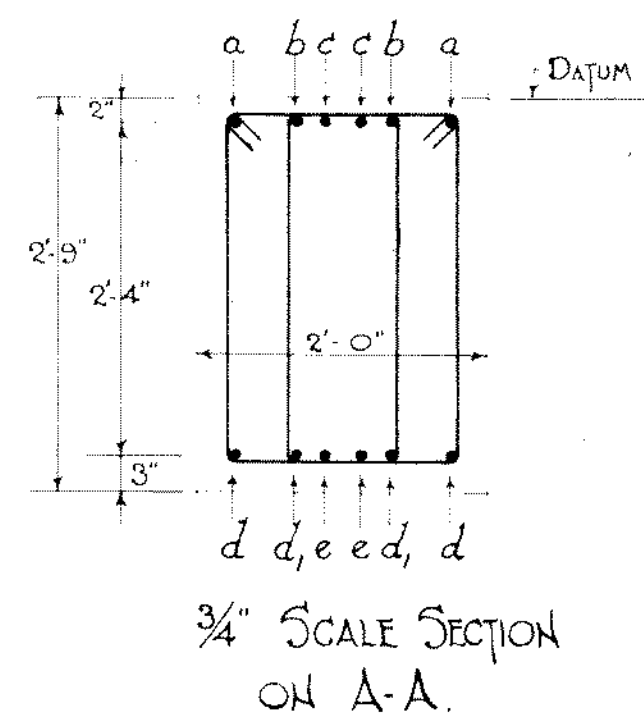
NOTES:-
BARS a, b, c, d, f, g, h, i, m, n, w, x, y, z,
ARE SHOWN IN PLAN.
BARS FROM COL. 14 TO COL. 18
MARKED w₁.
BARS FROM COL. 18 TO COL. 14.
MARKED w₂.
SIMILARLY Col. 14 to Col. 19 x₁
- 19 - - 14 z₂
- 15 - - 19 y₁
- 19 - - 15 y₂
- 15 - - 20 z₁
- 20 - - 15 z₂
APPROPRIATE NOTES ON 466/14 APPLY.



3/4" SCALE SECTION ON C-C.



ELEVATION OF BEAM

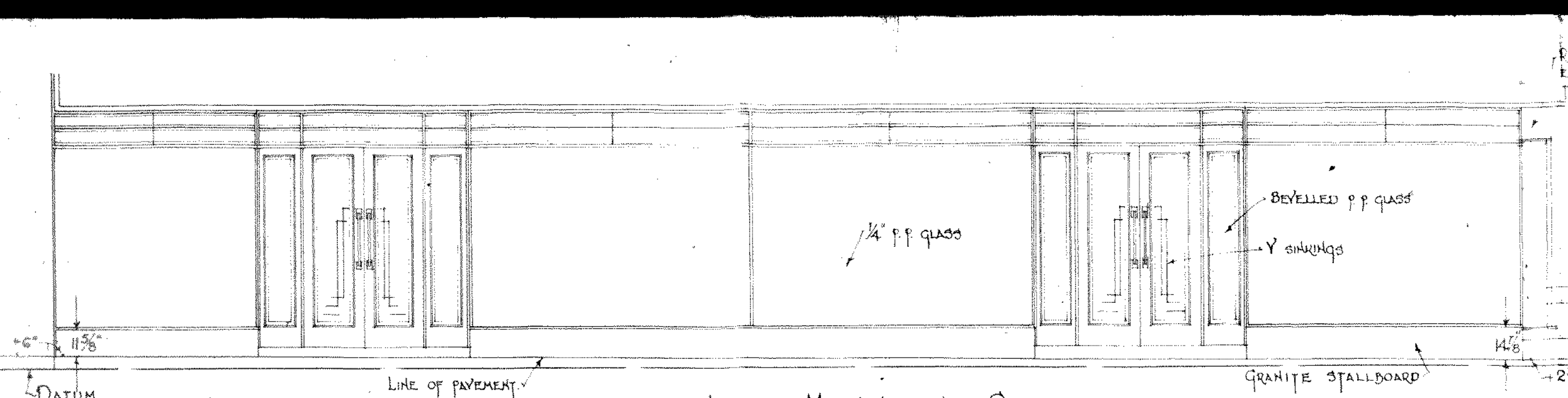


DETAILS OF EAST-WEST STIFFENER BEAMS.

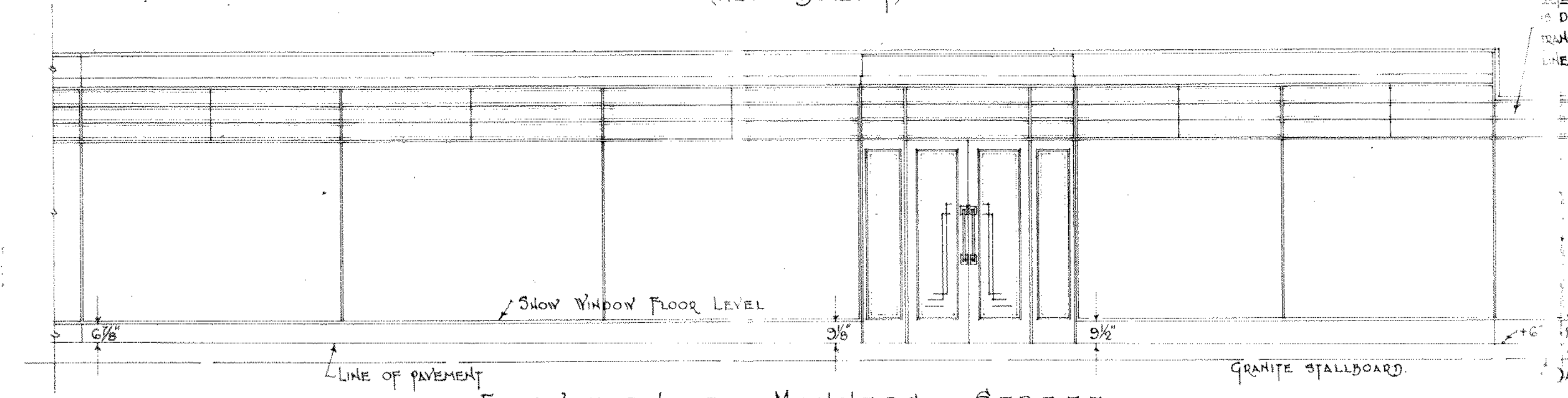
J. A. DAWSON & SONS
 INCORPORATED
 ARCHITECTS
 WELLINGTON, N.Z.

JAMES SMITH LTD. - PREMISES MANNERS ST. - WELLINGTON

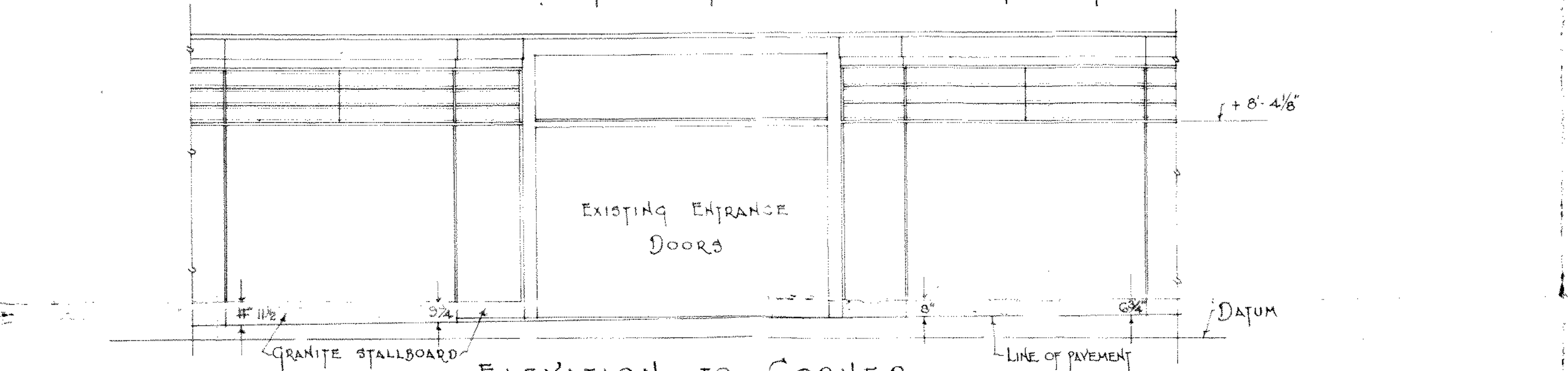
DRAWING NO. 466/17.
 SCALES: 1/4" = 1'-0" & 3/4" = 1'-0"
 MADE: 20th JULY 1934 BY: [Signature]
 TR: E. J. [Signature] CHKD: [Signature]



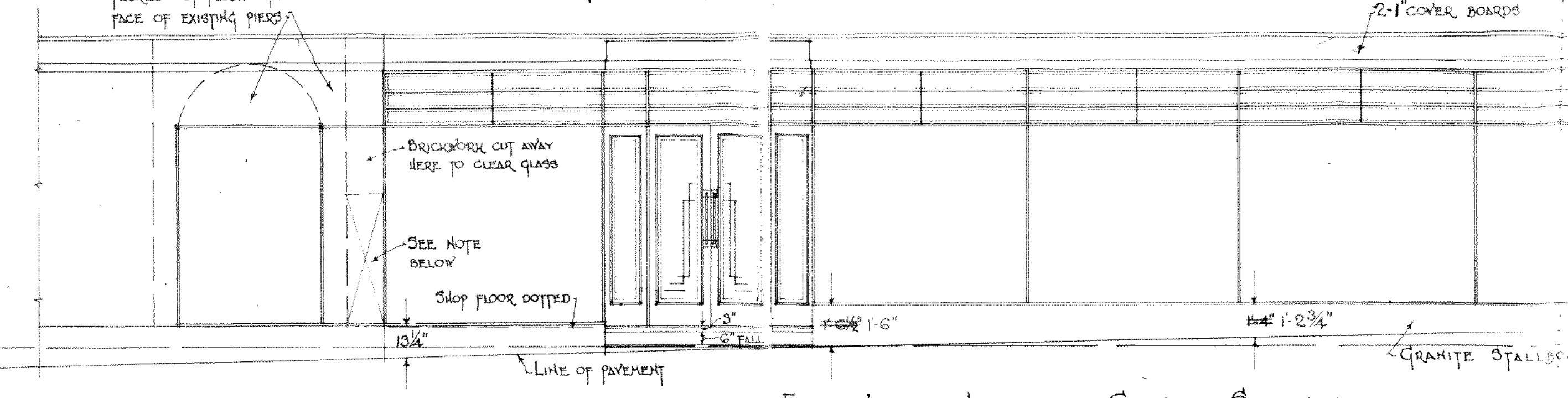
ELEVATION TO MANNERS STREET
(NEW BUILDING)



ELEVATION TO MANNERS STREET



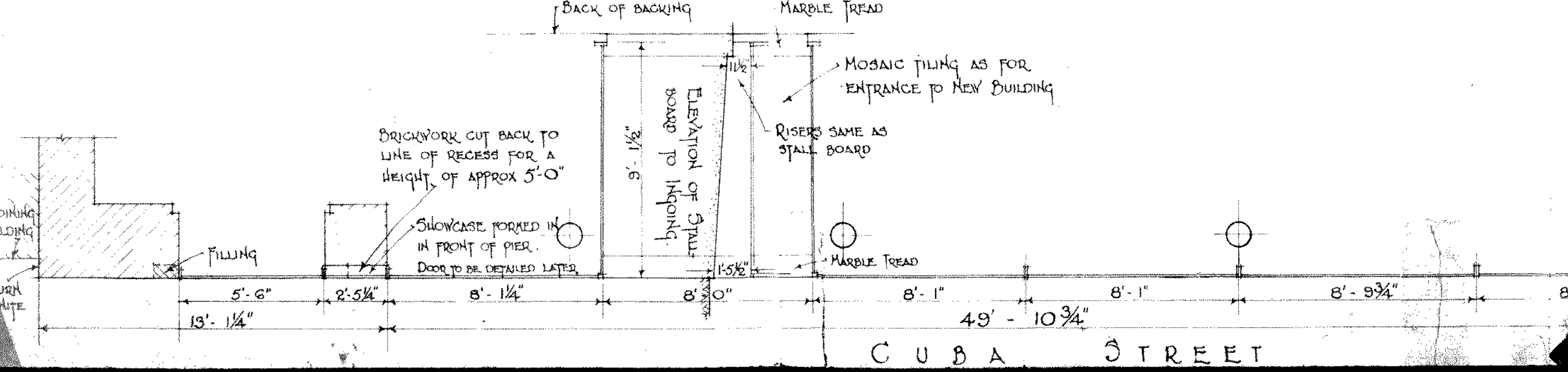
ELEVATION TO CORNER



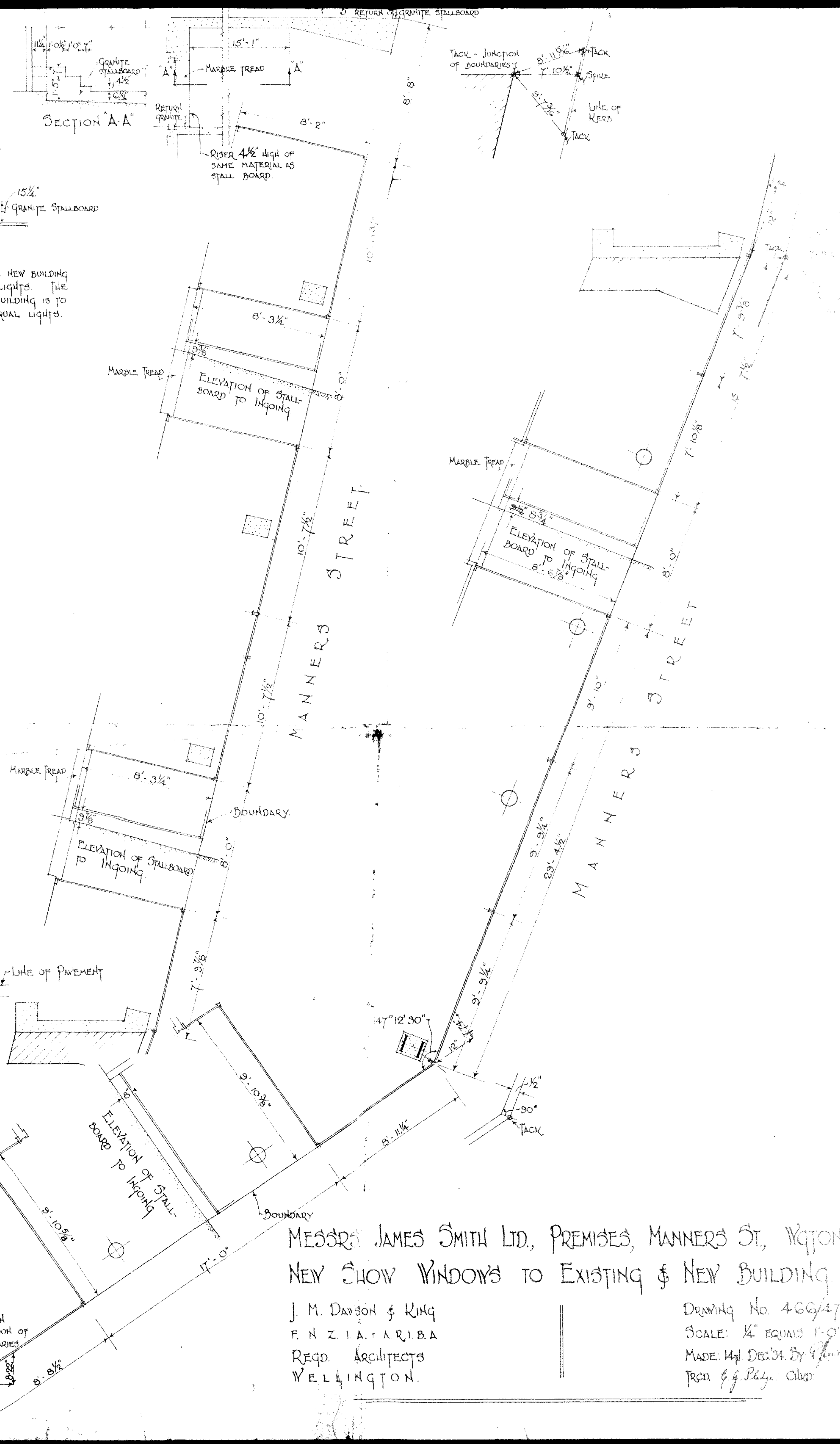
ELEVATION TO CUBA STREET

NOTE: THE TRANSOM MEMBER, CENTRED AT 8'-4 1/8" ABOVE DATUM FOR THE NEW BUILDING, IS TO RUN LEVEL THROUGHOUT THE JOB. THE JOINER IS REQUIRED TO TAKE HIS OWN MEASUREMENTS ABOVE AND BELOW THIS TRANSOM TO SUIT THE EXISTING WORK. FOR POINTS TO WHICH DIMENSIONS ARE TAKEN SEE FULL SIZE DETAIL SHEET. ADJUSTMENT OF STEEL CEILING TO EXISTING VERANDA IS NOT INCLUDED IN THE JOINERY CONTRACT. GRANITE TAKEN 1" BELOW PAVEMENT LEVELS SHOWN.

MARBLE TREADS:- 3 FLUSH TREADS 10" WIDE x 1 1/2" THICK IN ENTRANCE FACING MANNERS STREET
2 ROUND NOSED TREADS 10" WIDE x 1 1/2" THICK IN ENTRANCE FACING CUBA STREET.
1 ROUND NOSED TREAD 10" WIDE x 1 1/2" THICK IN ENTRANCE TO STAIR AND LIFT IN NEW BUILDING



CUBA STREET



MESSRS JAMES SMITH LTD, PREMISES, MANNERS ST, WGTON.
NEW SHOW WINDOWS TO EXISTING & NEW BUILDING

J. M. DAWSON & KING
F. N. Z. I. A. T. A. R. I. B. A.
REQD. ARCHITECTS
WELLINGTON.

DRAWING No. 466/47
SCALE: 1/4" EQUALS 1'-0"
MADE: 14th. Dec. 34. By General
TRCO. & J. Selig. Clerk.

COLUMN DESIGN.

Table with columns 1-24 and rows for floor levels (Roof, 4th, 3rd, 2nd, 1st). Each row contains design load, assumptions (ly, ldx, moment fixity, etc.), and section used for columns 1 through 24. The table is densely packed with numerical data and technical notations.

J.M. DAWSON & KING ARCHITECTS Wellington

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON

Drawing No 4660 SCALES: MADE: 14th June 24 BY: J.S. CHECKED: C.S.

BEAM REACTIONS, BENDING MOMENTS & DESIGN (TONS & IN. TONS)

Table with columns for beam types (Roof, 4th Floor, 3rd Floor, 2nd Floor, 1st Floor) and rows for reactions, moments, design moment, moment at ends, section, modulus reqd, and modulus reqd ends. The table contains numerical data and section dimensions for 21 different beams.

Check dimensions of beam type against for W.C. Dimensions etc.

BEAM REACTIONS, BENDING MOMENTS & DESIGN (TONS & IN TONS)

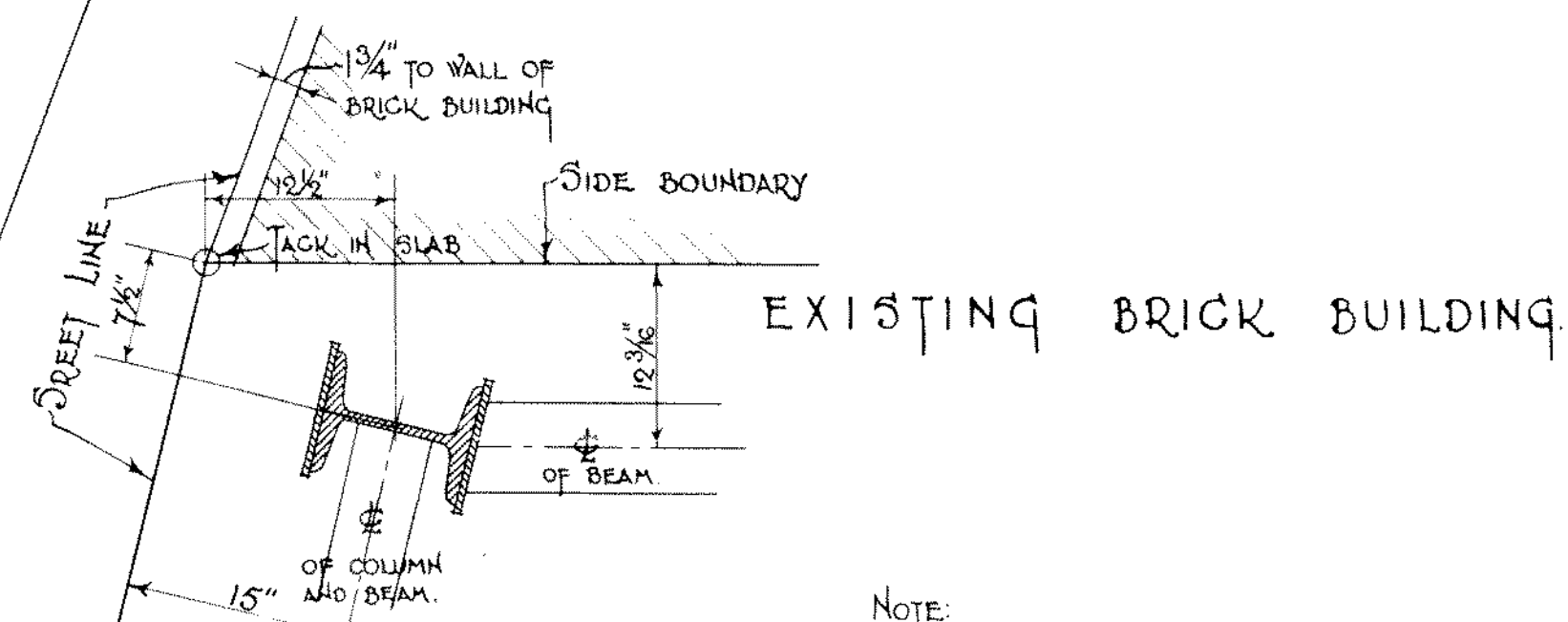
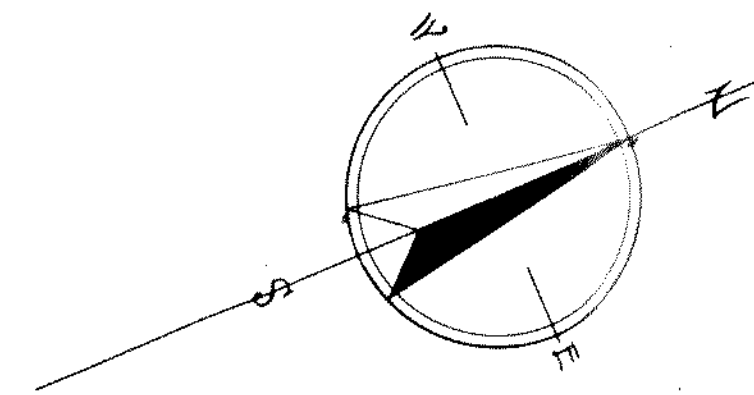
BEAM:-	17-13		14-18		15-29		16-21		22-23		23-24		1-2		2-3		3-4		5-6		6-7		7-8		9-10		10-11		11-12		13-14		14-15		15-16		21-20		20-19		19-18		18-17		
	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂	R ₁	R ₂					
a REACTIONS	5	5	5.45	5.45	5.45	5.45	5.0	5.0	9.02	9.3	9.3	9.01	5.12	5.12	8.06	8.06	8.06	8.06	5.8	5.8	7.28	7.28	7.28	7.28	6.51	6.51	7.28	7.28	11.08	16.92	7.0	7.0	6.11	6.11	8.1	11.0	6.45	6.45	9.38	6.89	6.89	9.38	6.45	6.45	
b MOMENTS & (FEET)	11.26		362.5		362.5		400		1172		1172		560		813		813		642		568.4		568.4		603		565.4		1535.9		485		472.4		912.5		318		426		426		318		
c DESIGN MOMENT & (FEET)	7.5		290		290		266		780		780		373		542		542		428		376		376		402		376		890		323		315		608		212		284		284		212		
d MOMENT AT ENDS (FIXED)	4.5	7.5	242	0.0	242	0.0	266	160	468	780	780	468	220	373	542	542	542	326	257	428	376	376	376	402	241	402	376	376	890	533	194	323	315	315	608	366	127	212	284	284	284	284	212	127	
e MOMENT AT ENDS (CANTILEVER)	163	28	145	0.0	145	0.0	28	56	218	109	109	218	218	21	21	21	218	218	21	21	21	21	21	218	218	21	21	21	218	218	21	21	21	218	218	21	21	21	21	21	21	21	21	21	16
f DESIGN MOMENT ENDS (d-c)	1675	355	387		387		294	216	686	889	889	686	438	394	563	563	563	544	475	449	397	397	397	444	459	423	397	397	911	751	412	344	336	336	629	584	345	233	305	305	305	305	233	143	
g MODULUS REQ' & (IN)	1.0		36.2		36.2		33.3		97.5		97.5		46.6		67.7		67.7		53.5		47		47		50.1		47		111.5		40.4		39.4		76		26.5		36.5		36.5		26.5		
h MODULUS REQ' (ENDS) & (IN)	13.95	3	32.3		32.3		24.9	18	57.1	74	74	57.1	36.5	32.8	47	47	47	45.4	39.6	37.5	33.1	33.1	33.1	37	36.7	35.2	33.1	33.1	75.9	62.5	34.3	28.6	28	28	52.2	48.4	28.7	19.4	25.4	25.4	25.4	25.4	19.4	12	
i SECTION	10" x 4 1/2"		12" x 5"		12" x 5"		12" x 5"		18" x 6"		18" x 6"		13" x 5"		15" x 6"		15" x 6"		14" x 5 1/2"		13" x 5"		13" x 5"		14" x 5 1/2"		13" x 5"		20" x 6 1/2"		13" x 5"		13" x 5"		16" x 6"		12" x 5"		12" x 5"		12" x 5"		10" x 4 1/2"		

BEAM AND COLUMN MOMENTS DUE TO EARTHQUAKE LOADINGS.



CUBA STREET

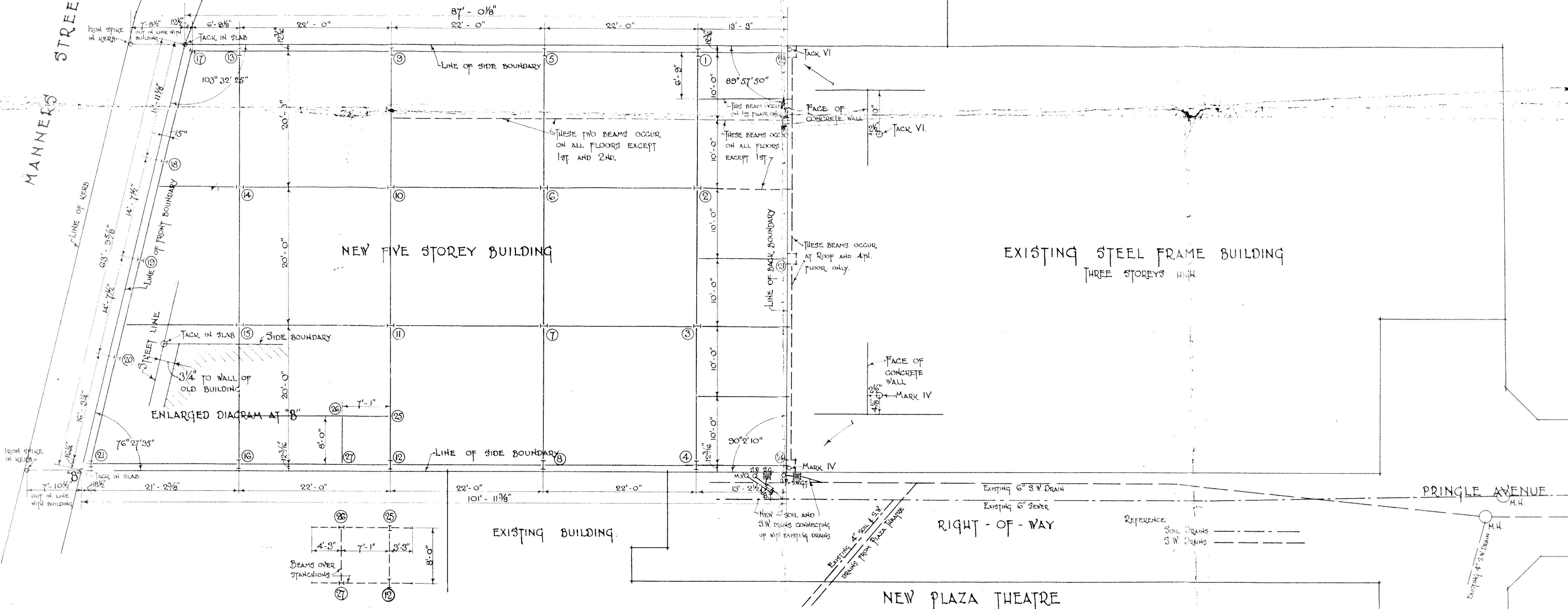
ROYE'S BUILDING



DETAIL SHOWING POSITIONING OF COLUMN No 17. SCALE: 1" EQUALS 1'-0"

NOTE: ALL COLUMNS [EXCEPT No 17] FIXED ON INTERSECTIONS OF ALL BEAM LINES. SEE 1" SCALE DIAGRAM FOR THE POSITIONING OF COL. No 17.

MANNERS STREET



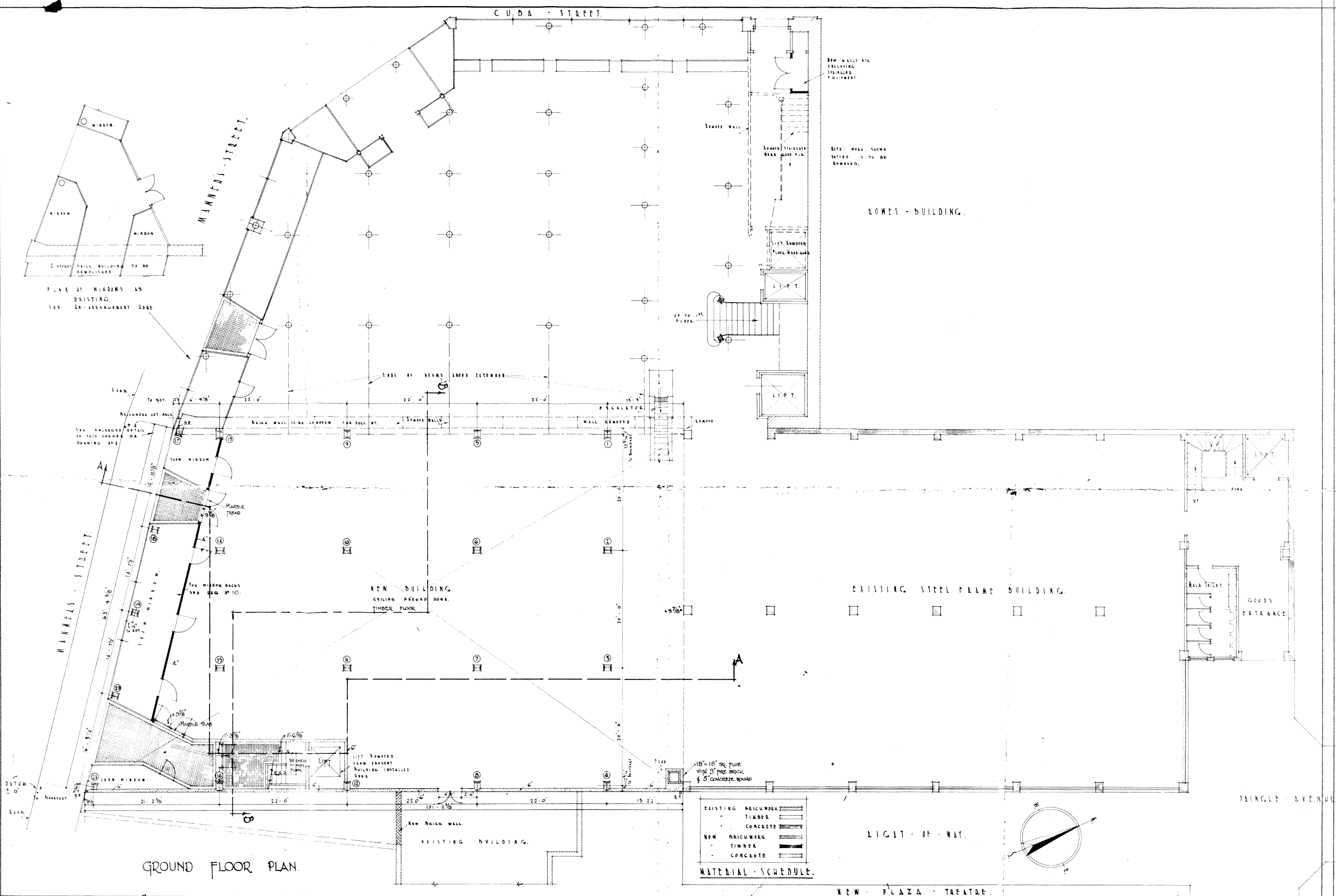
PRINGLE AVENUE

NEW PLAZA THEATRE

J. M. DAWSON & KING
ARCHITECTS - WELLINGTON

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON.

DRAWING No 466/1
SCALE: 1/8" & 1" = 1'-0"
MADE 21st JUNE '34 BY E. S. P. G.
TR. E. S. P. G. G. L. G.



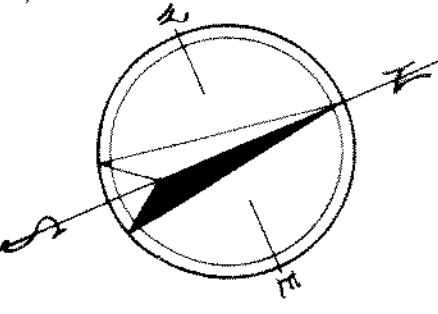
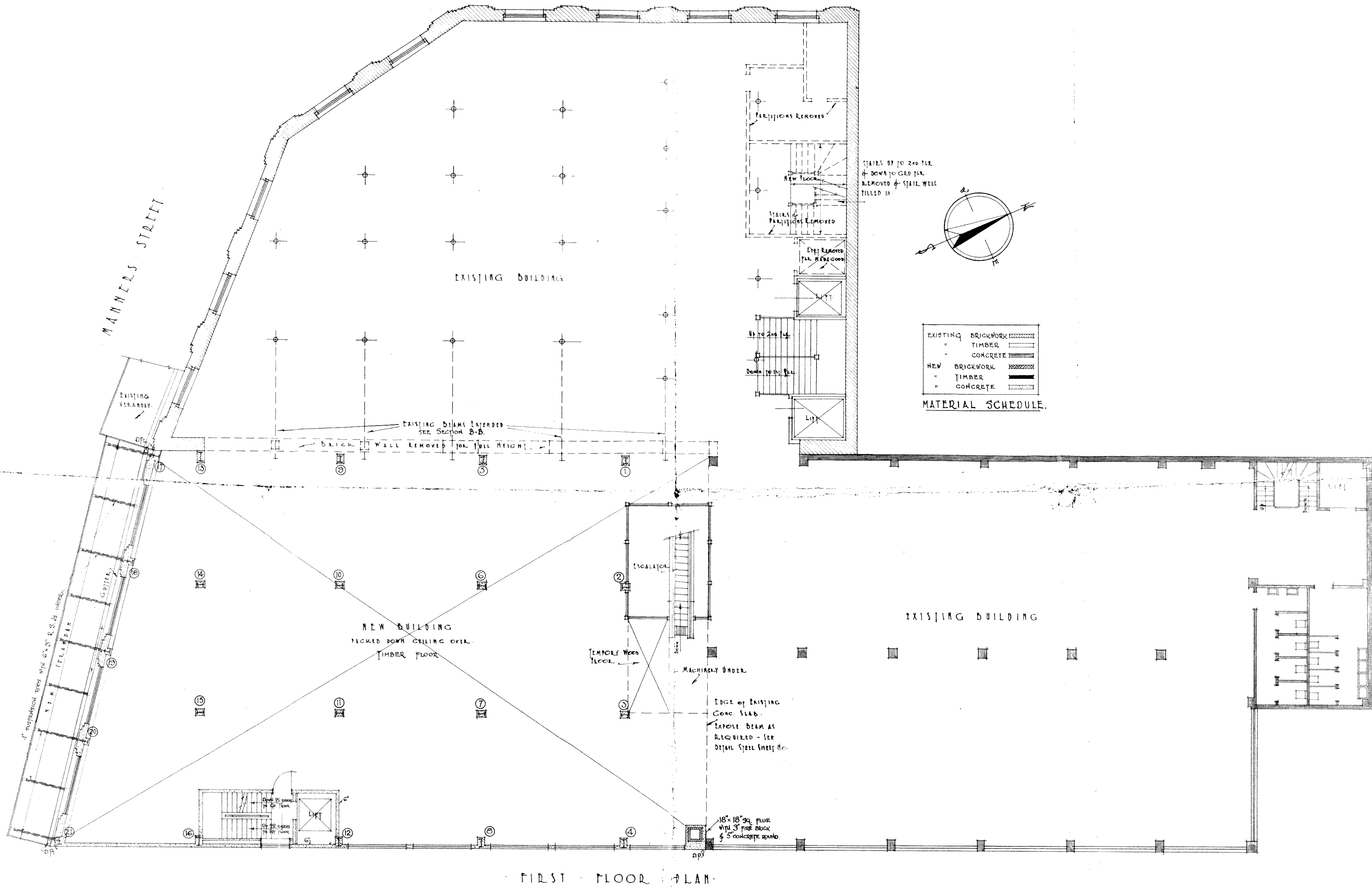
GROUND FLOOR PLAN.

MATERIAL SCHEDULE.	
EXISTING BRICKWORK	(Hatched pattern)
TIMBER	(Hatched pattern)
CONCRETE	(Hatched pattern)
NEW BRICKWORK	(Hatched pattern)
TIMBER	(Hatched pattern)
CONCRETE	(Hatched pattern)

J. M. DAWSON & KING
 ARCHITECTS - WELLINGTON

JAMES SMITH LTD PREMISES, MANNERS STREET, WELLINGTON.

Drawing No 466/1
 Scale 1/8" = 1 Foot
 Made June 11th By: [Signature]
 TR: [Signature]



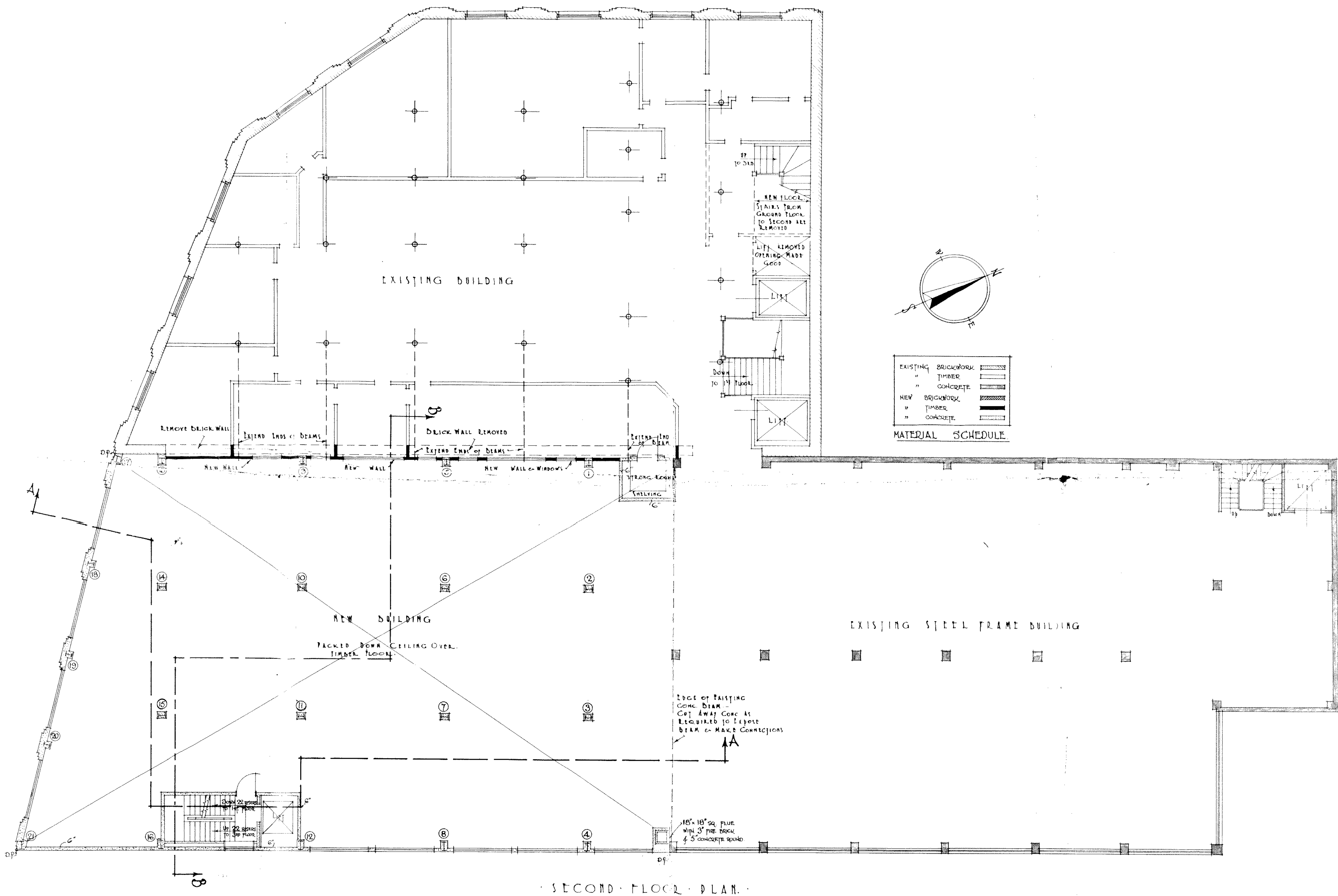
MATERIAL SCHEDULE.

EXISTING BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]
NEW BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]

J. M. DAWSON & KING
 ENZIASARIBA
 ARCHITECTS - WELLINGTON

~ JAMES SMITH LTD. ~ PREMISES, MANNERS STREET, ~ WELLINGTON ~

Drawing No. 466/3.
 SCALES: 1/8" = 1 FOOT.
 MADE IN JUNE 20th 1934 BY: [Signature]
 R. G. P. [Signature]



MATERIAL SCHEDULE

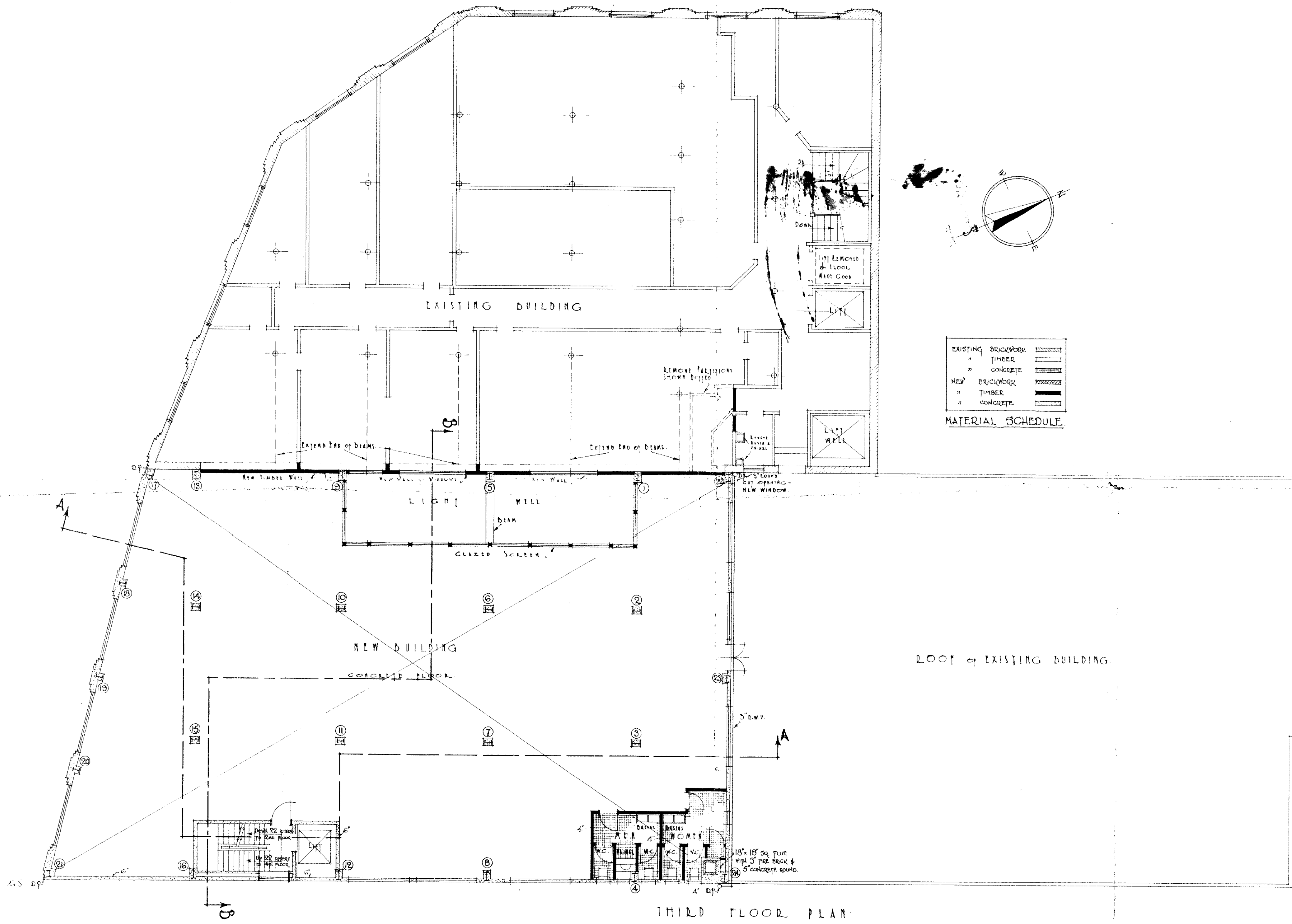
EXISTING BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]
NEW BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]

SECOND FLOOR PLAN.

J. M. DAWSON & KING
 ENGINEERS & ARCHITECTS
 Wellington

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON.

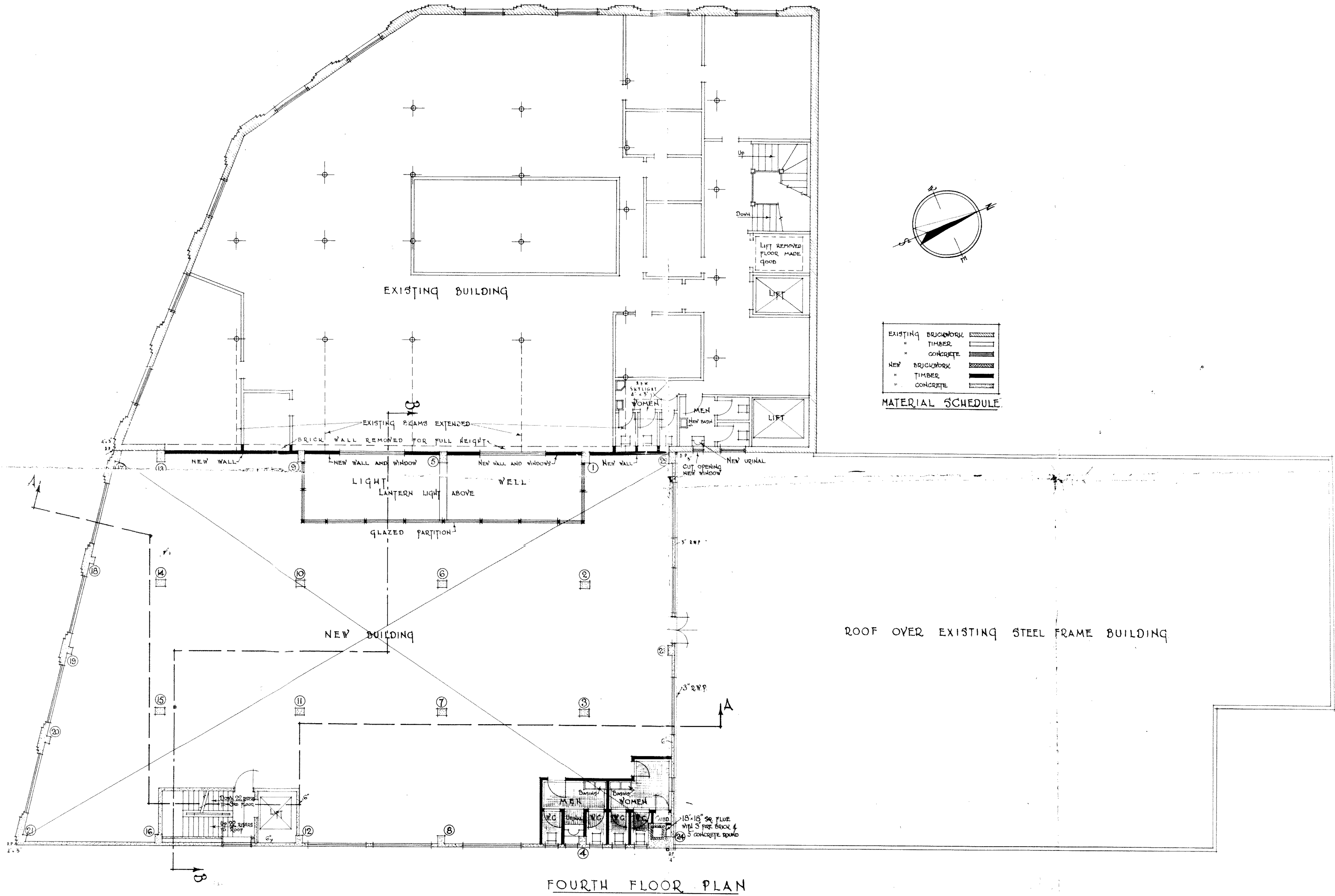
Drawing No. 466/4
 Scales: 1/8" = 1 Foot
 Made June 20th 1934 By: [Signature]
 Tr. G. P. [Signature]



J. M. DAWSON & KING
F. N. Z. I. A. A. R. I. B. A.
Architects • WELLINGTON

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Drawing No 466/5.
SCALE 1/8" TO 1'-0"
MADE IN 1934 BY *J.M. Dawson*
Tr. 84 B.A.W. City 1/12



MATERIAL SCHEDULE

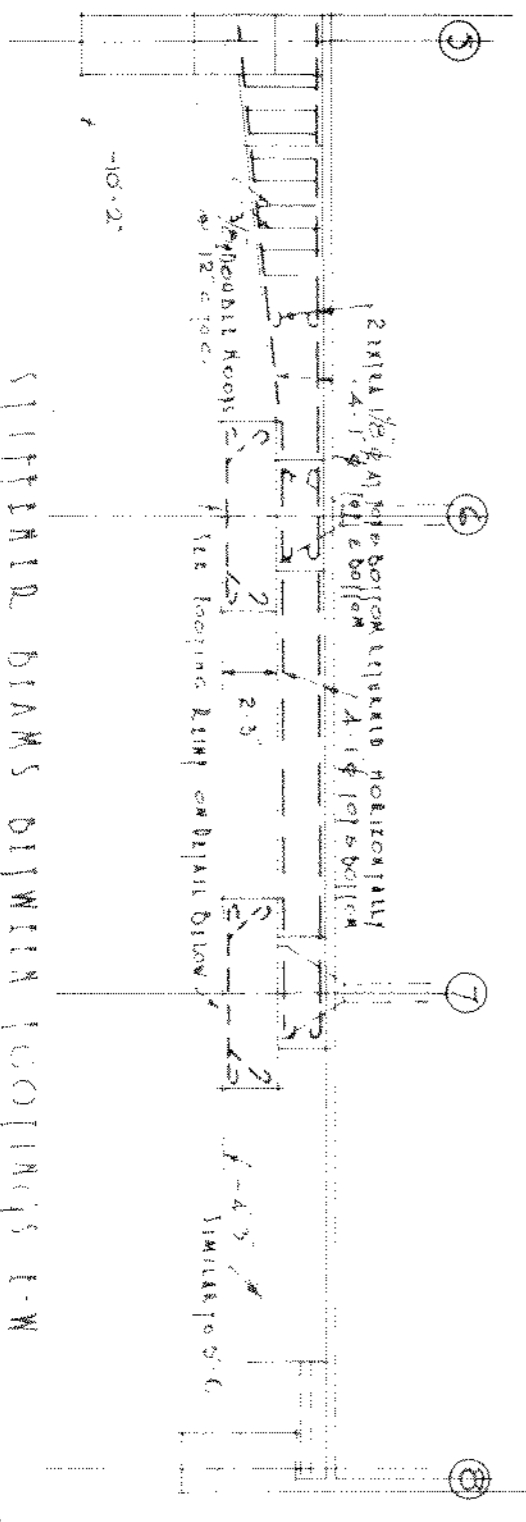
EXISTING BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]
NEW BRICKWORK	[Pattern]
" TIMBER	[Pattern]
" CONCRETE	[Pattern]

J. M. DAWSON & KING
 ENZ-LIA ARIBA
 ARCHITECTS - WELLINGTON

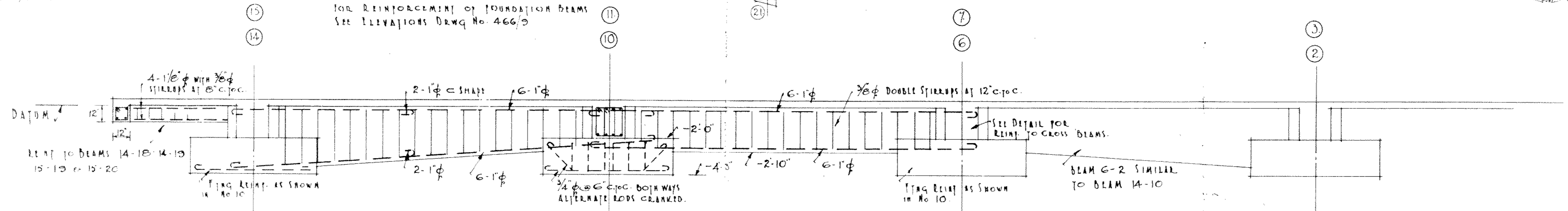
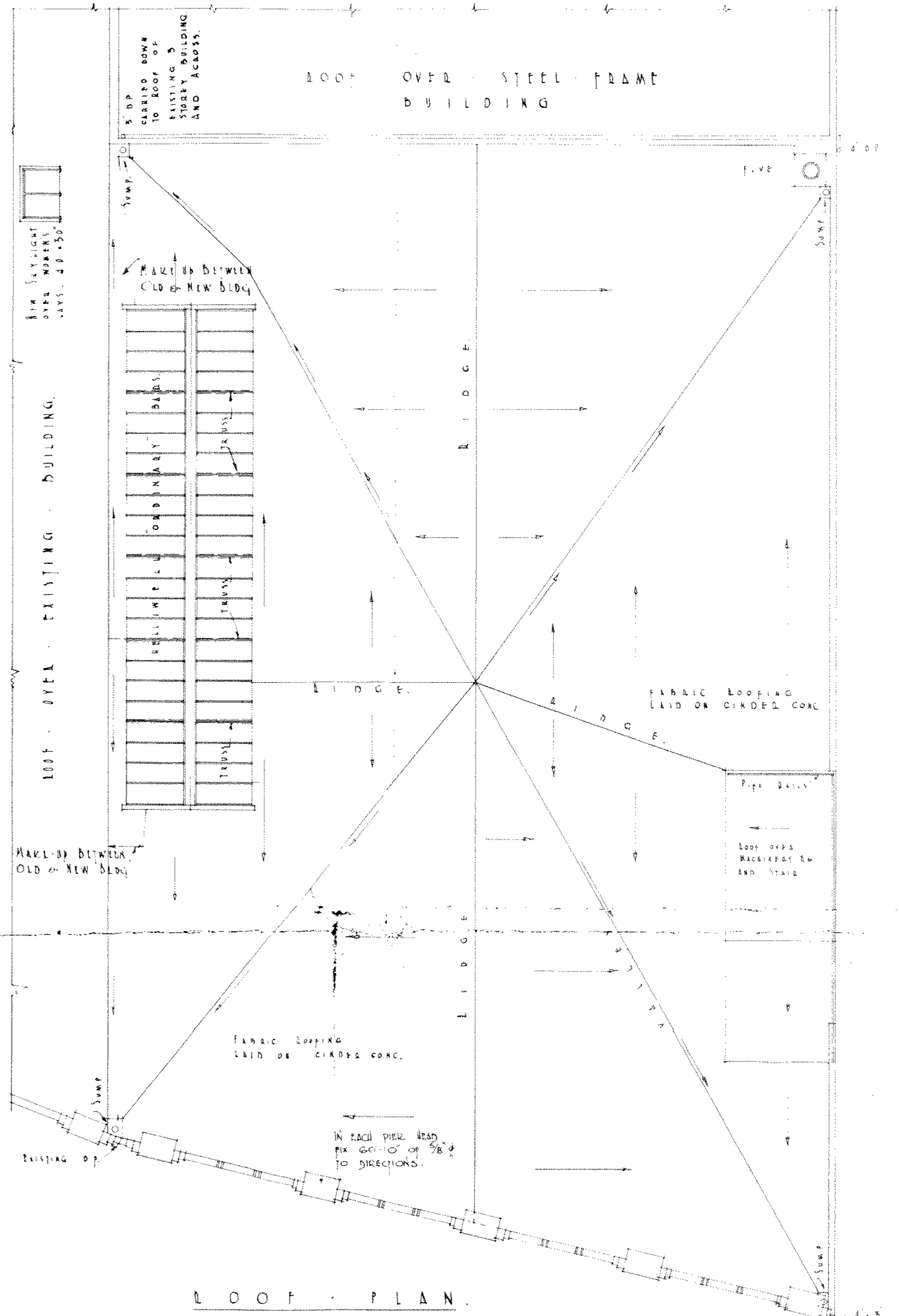
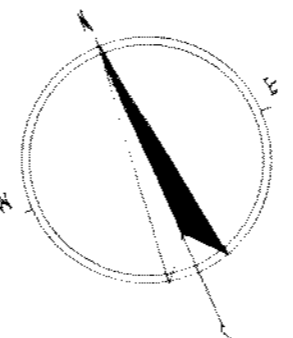
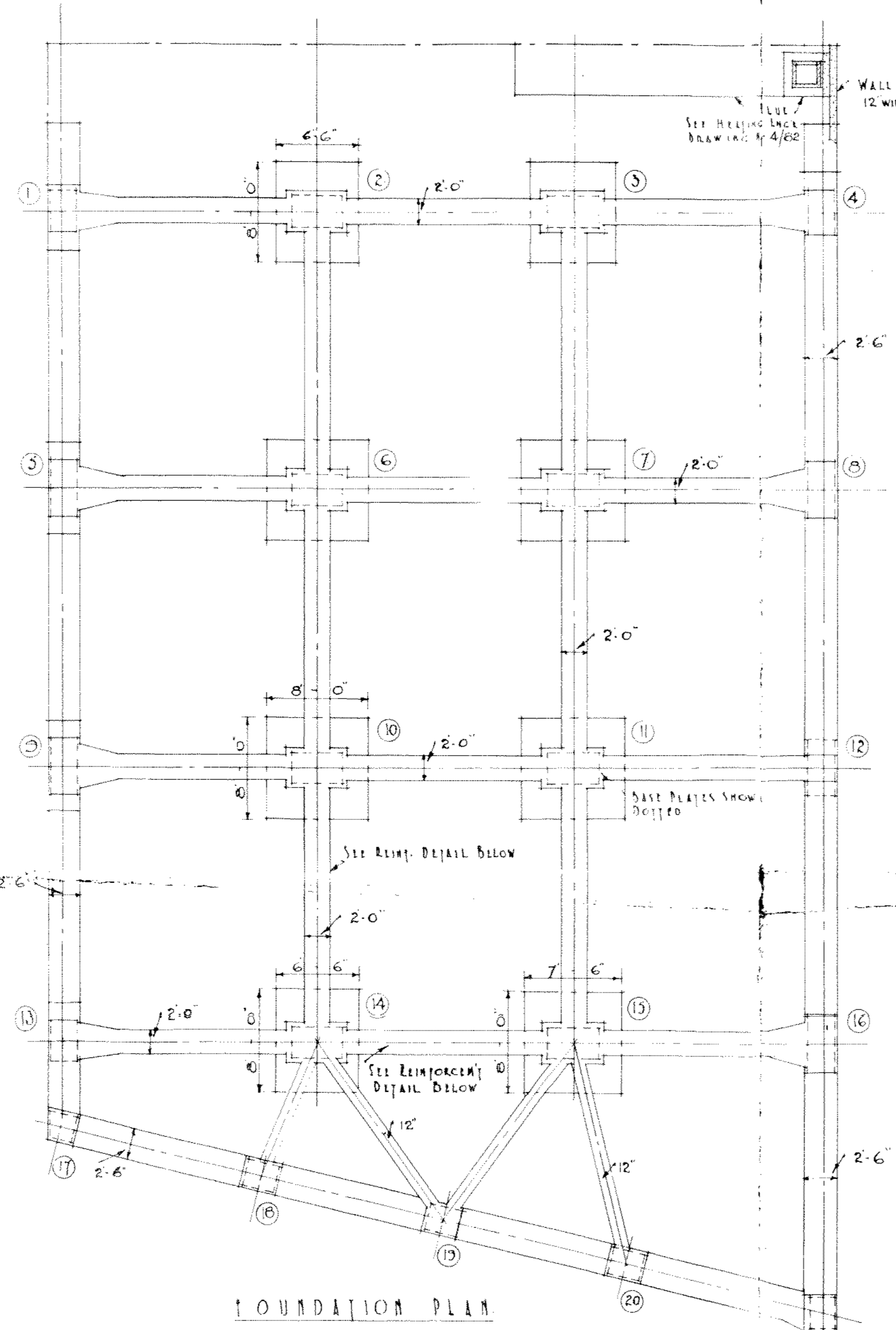
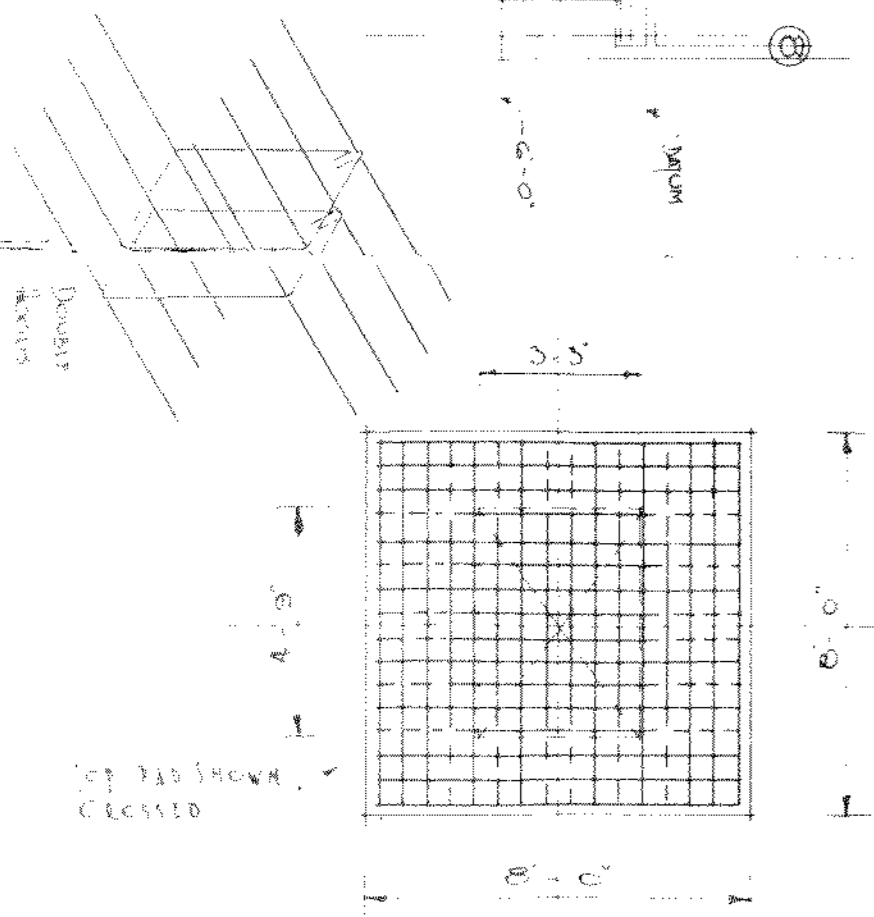
JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON.

Drawing No. 466/6
 Scale: 1/8" = 1 FOOT
 Made June 20th 1934 By: A. M. H. [Signature]
 Tr. G. P. [Signature] Check: J. M. K.

STIFFENER BEAMS BETWEEN FOOTINGS N-S
 BEAMS 1-4 5-12 6-15-16 SIMILAR
 SECTION THROUGH STIFFENER BEAM NOT SHOWN
 ON THIS DRAWING



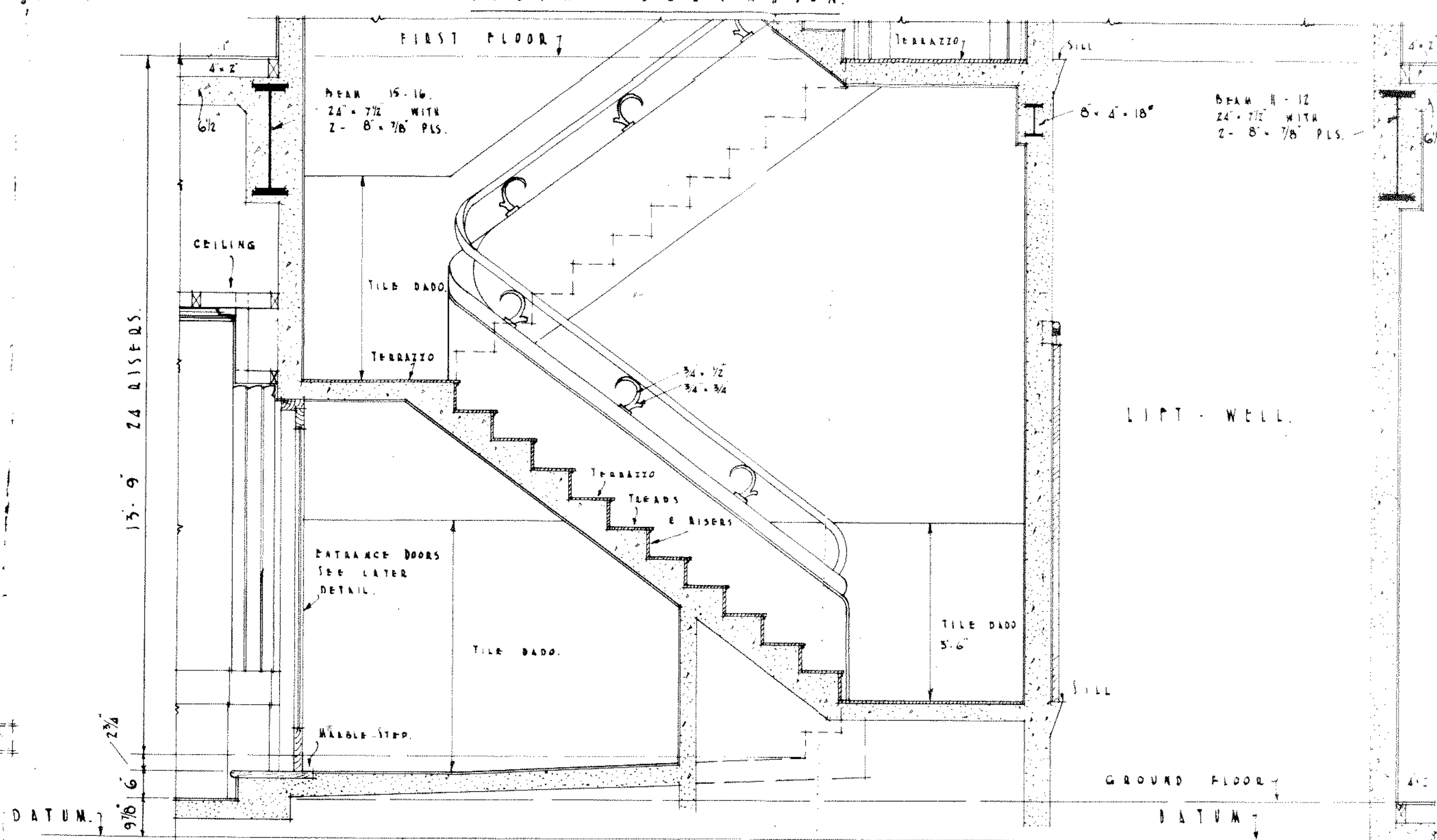
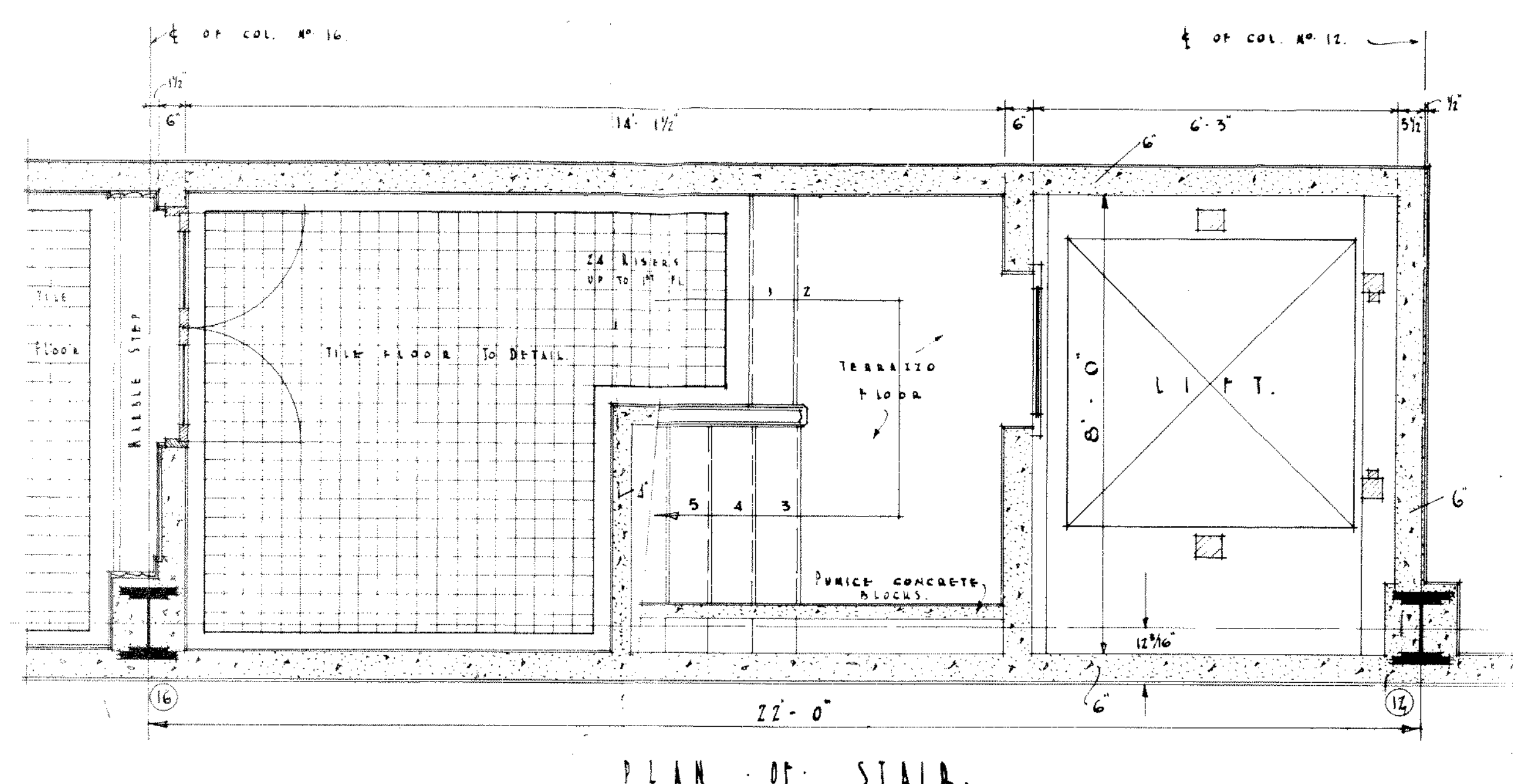
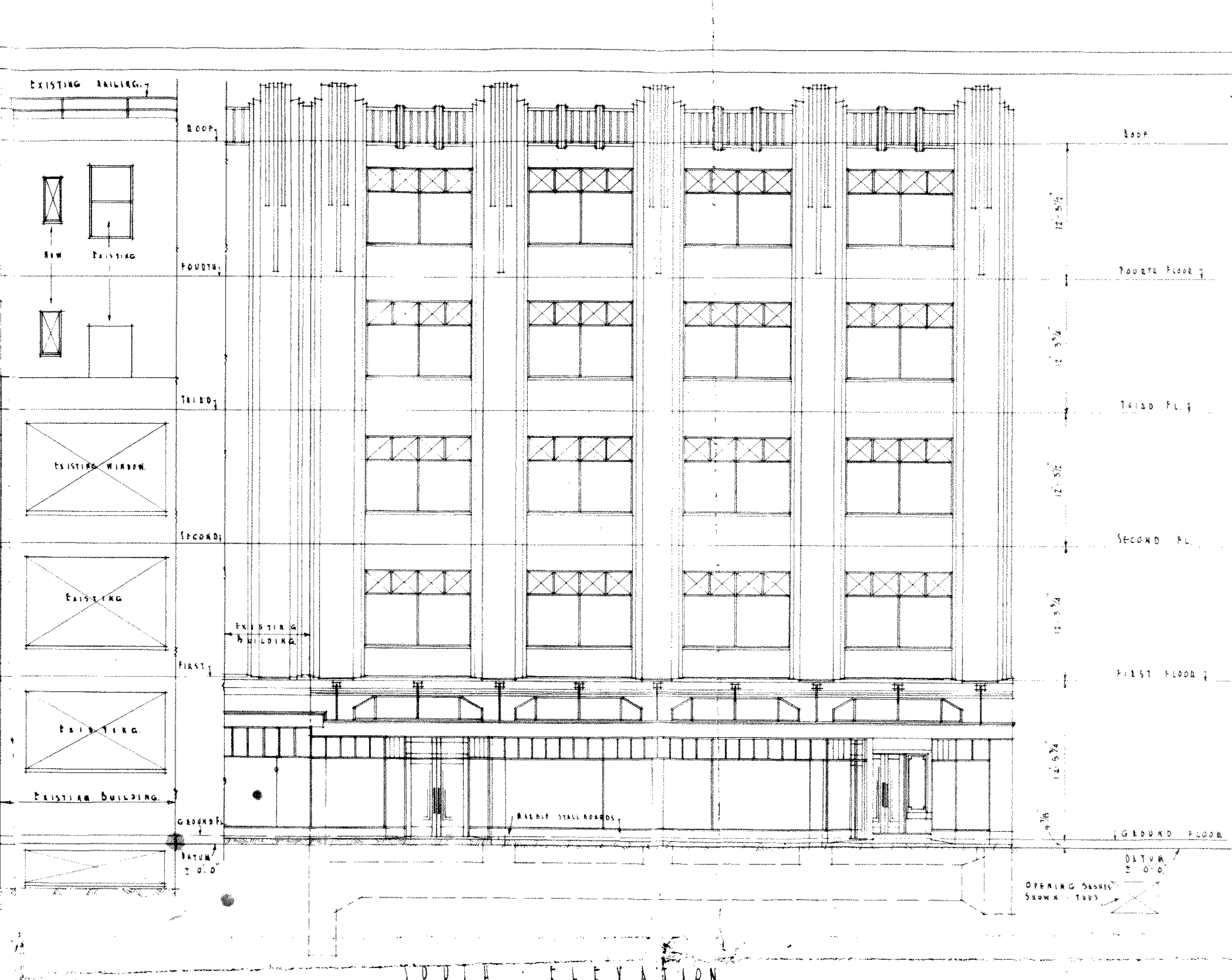
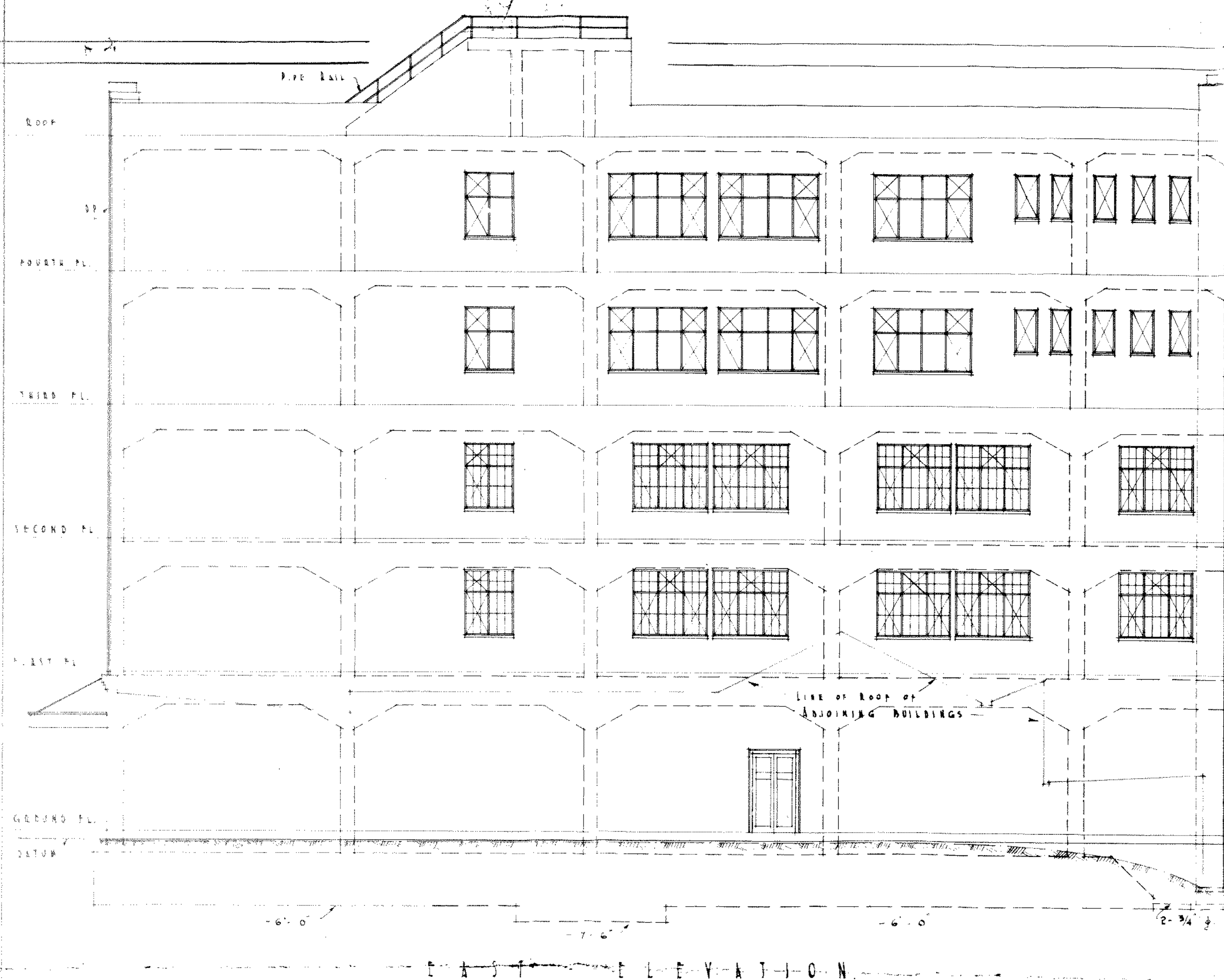
PLAN OF FOOTING SHOWING REINFORCEMENT
 SCALE 1/4" = 1'-0"



J. W. DAVISON & KING
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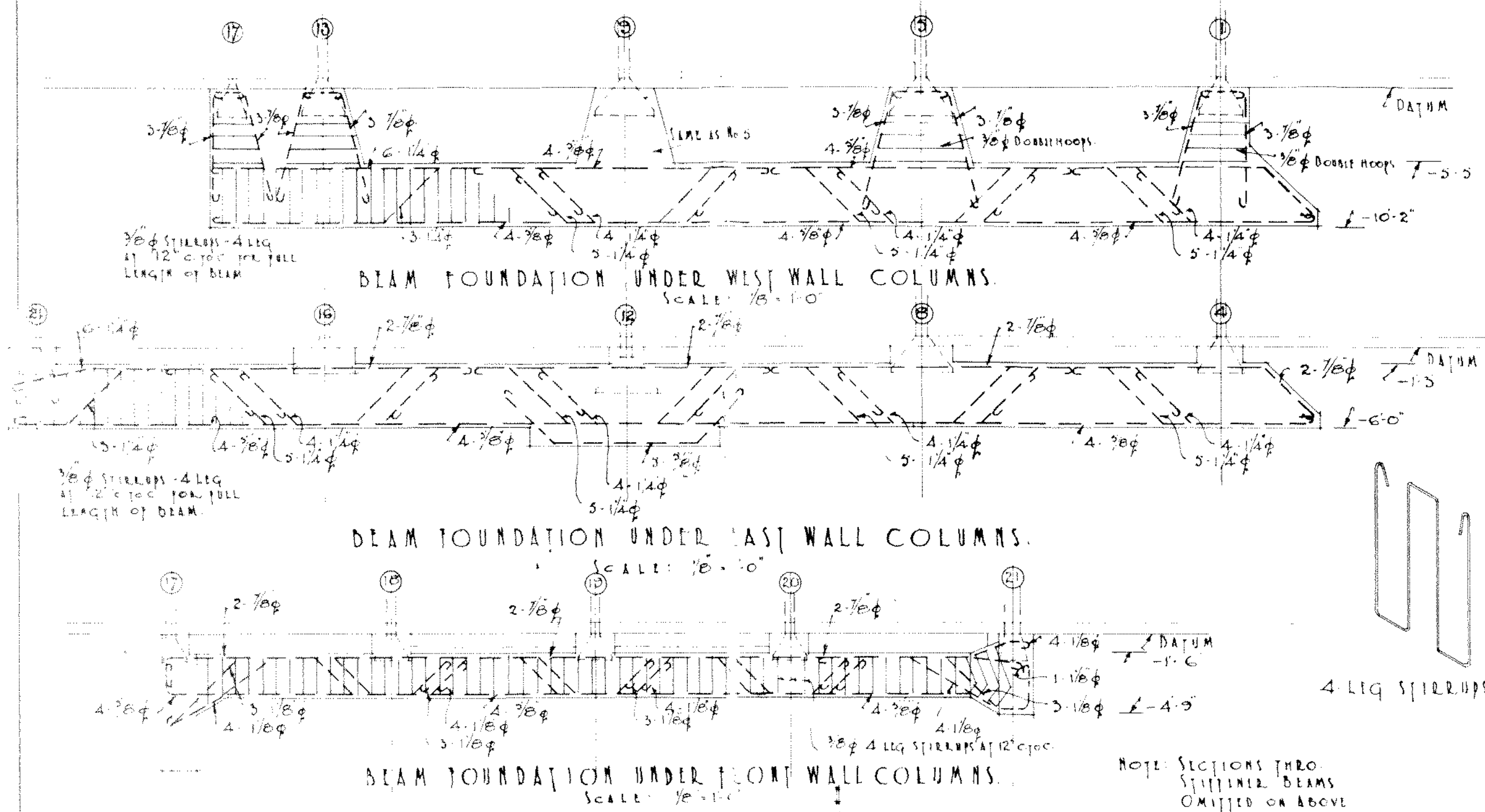
DRAWING No. 466/7
 SCALES: 1/4" & 1/8" = 1' FOOT
 MADE JUNE 20th 1938 BY: R. G. G. [Signature]
 TR. 478 [Signature] CHECKED: [Signature]



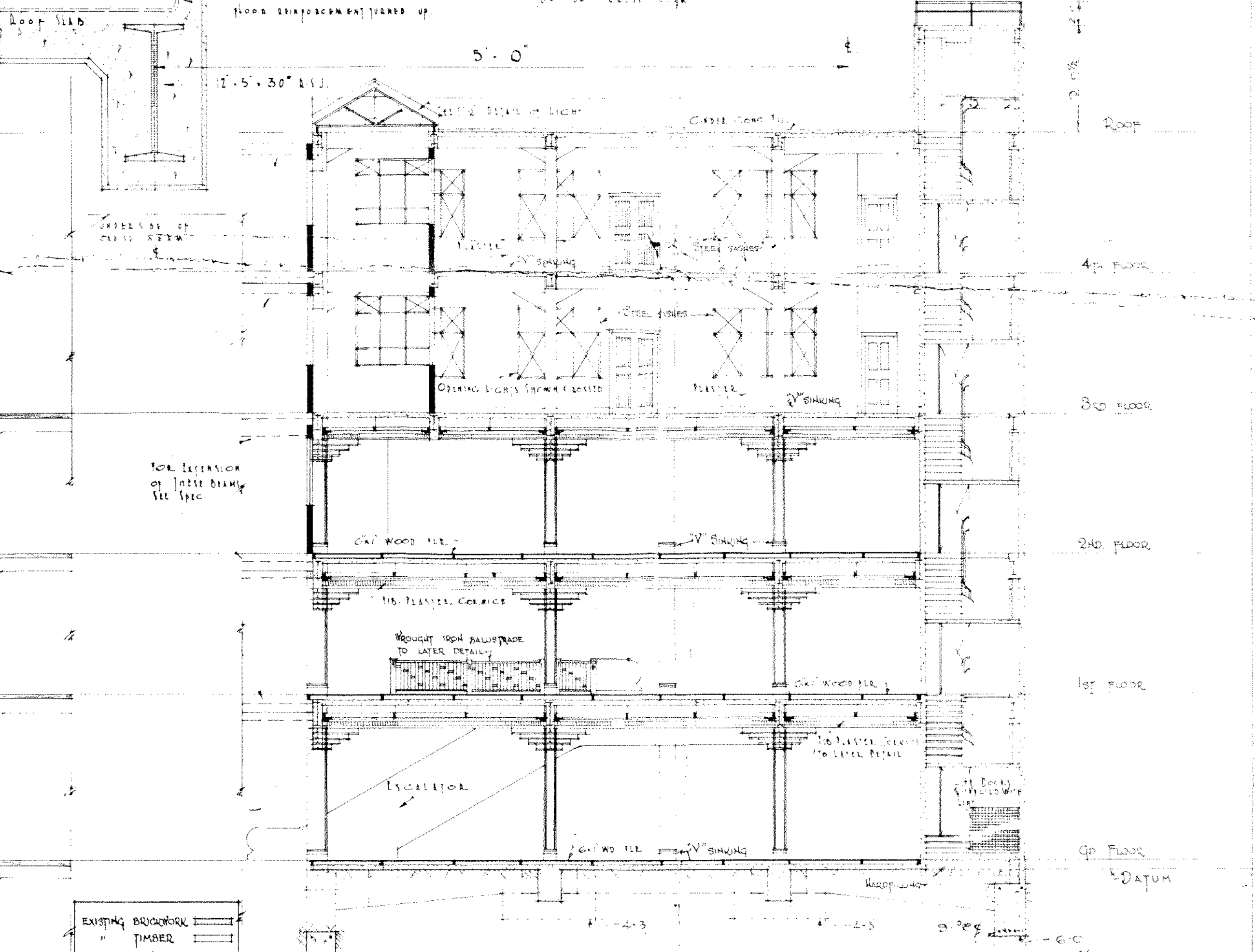
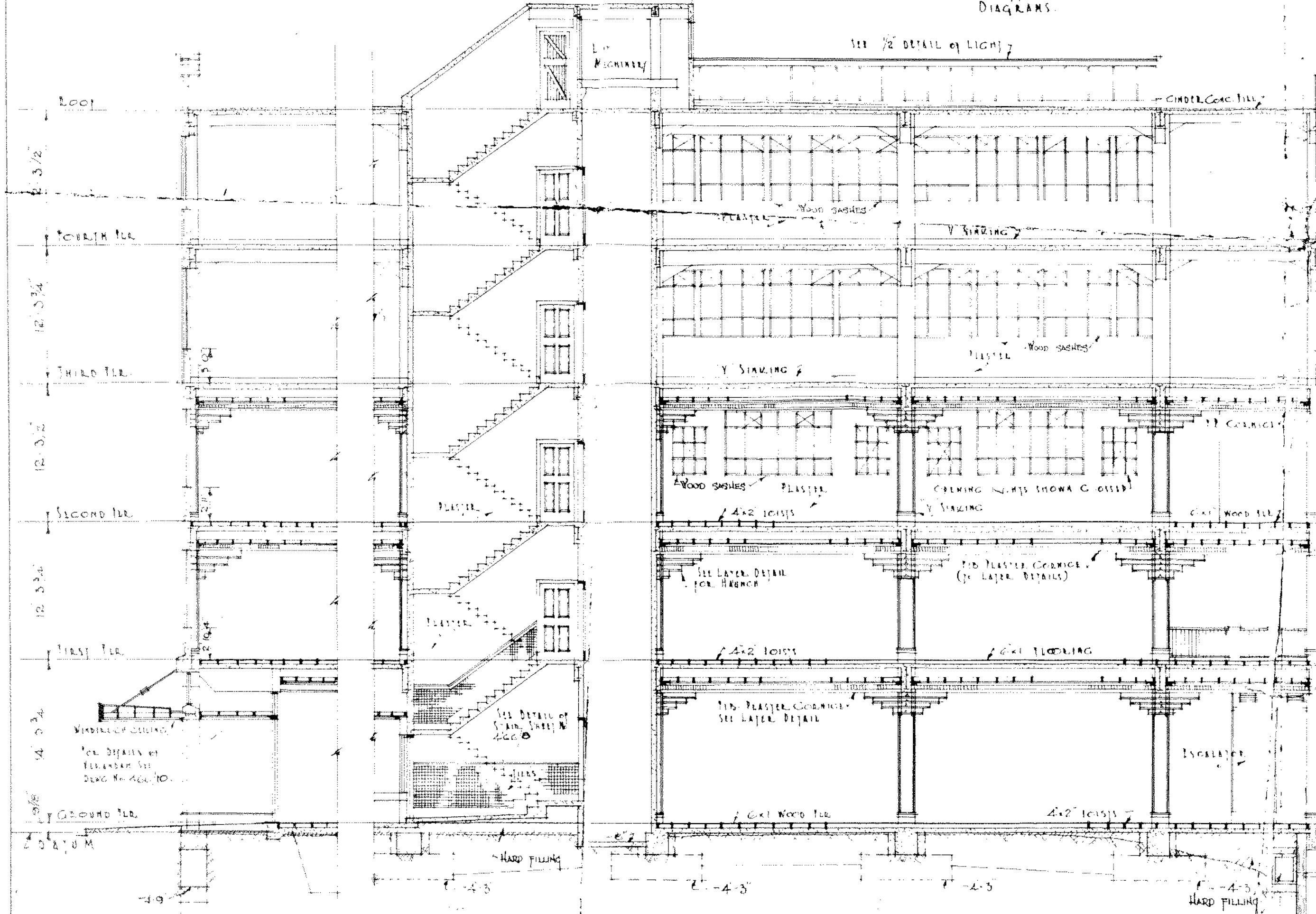
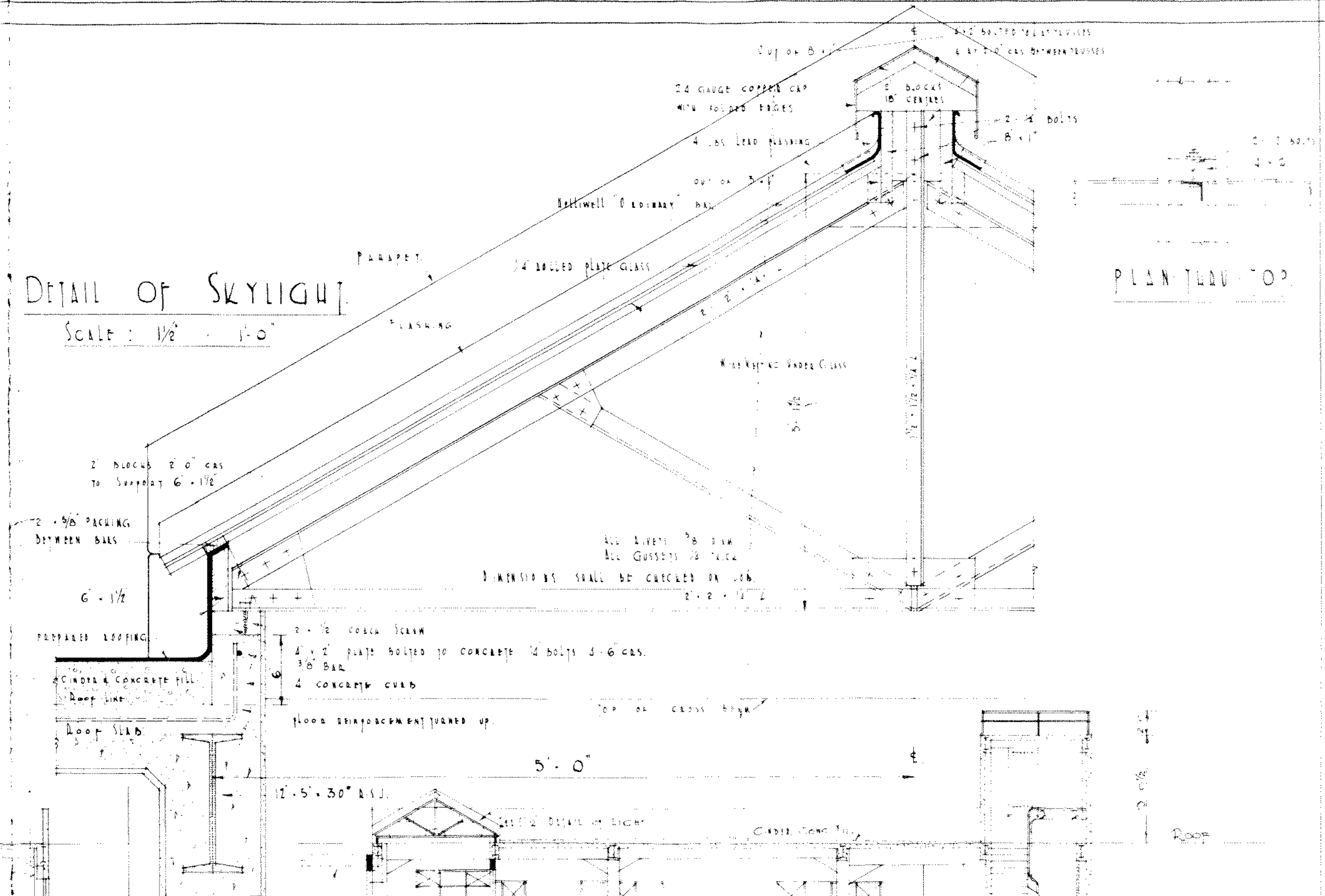
J. M. DAWSON & KING.
 ARCHITECTS - WELLINGTON.

- JAMES - SMITH - LTD. - PREMISES - MANNERS - STREET - WELLINGTON -

DRAWING NO. 466/8
 SCALES: 1/2" = 1' 0"
 MADE JUNE 20th 1932 BY: J. M. Dawson
 TR. & P. CHURCH



Detail of Skylight
Scale: 1/8" = 1'-0"



MATERIAL SCHEDULE

EXISTING BRICKWORK	(Symbol)
TIMBER	(Symbol)
CONCRETE	(Symbol)
NEW BRICKWORK	(Symbol)
TIMBER	(Symbol)
CONCRETE	(Symbol)

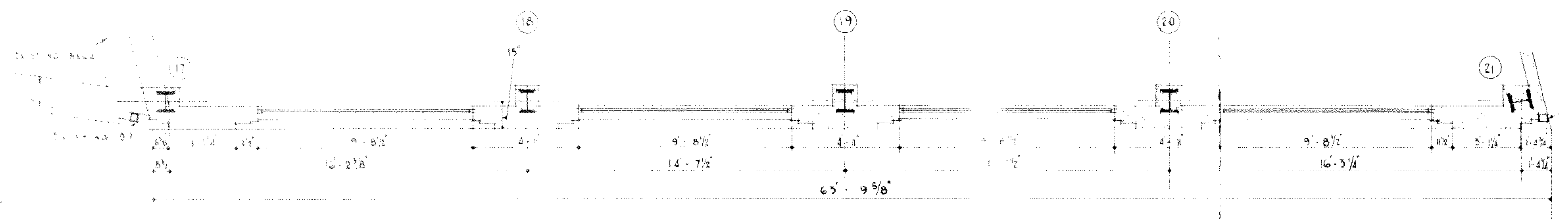
SECTION A-A

SECTION B-B

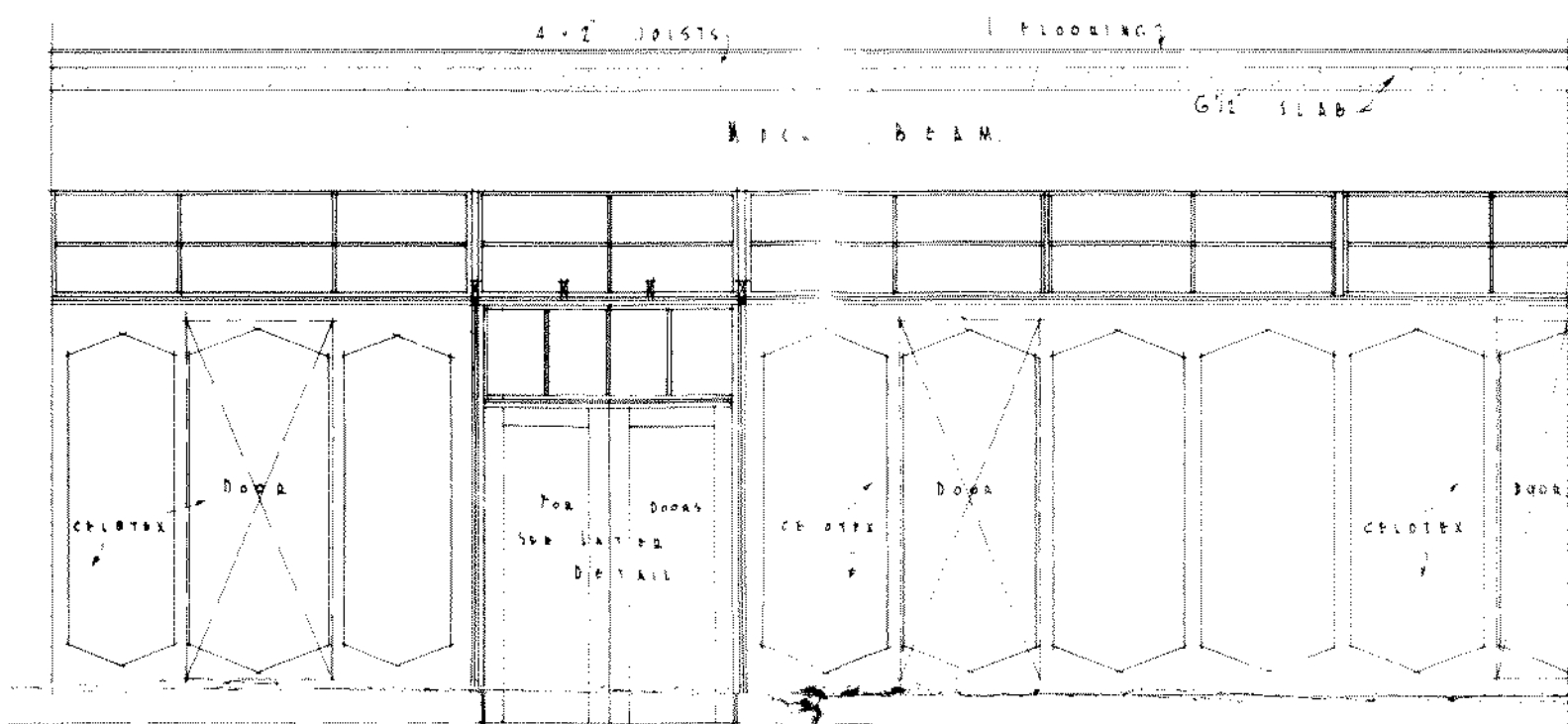
J.M. DAWSON & KING
112 LAUREL ST.
Architects - Wellington

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON

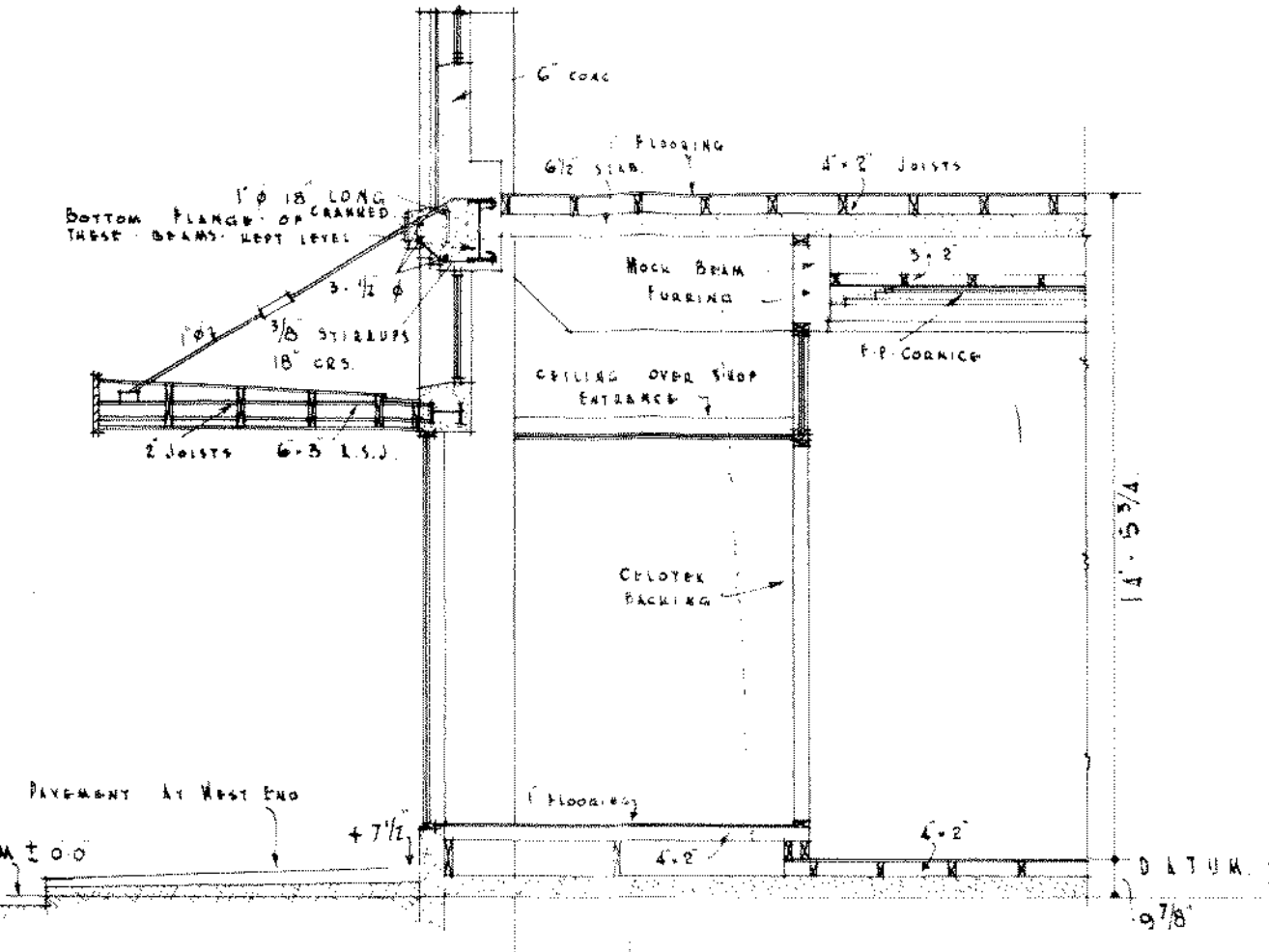
DRAWING NO. 400/0
SCALES: 1/8" = 1'-0" & 1/4" = 1'-0"
MADE BY: [Signature]
TR. [Signature]



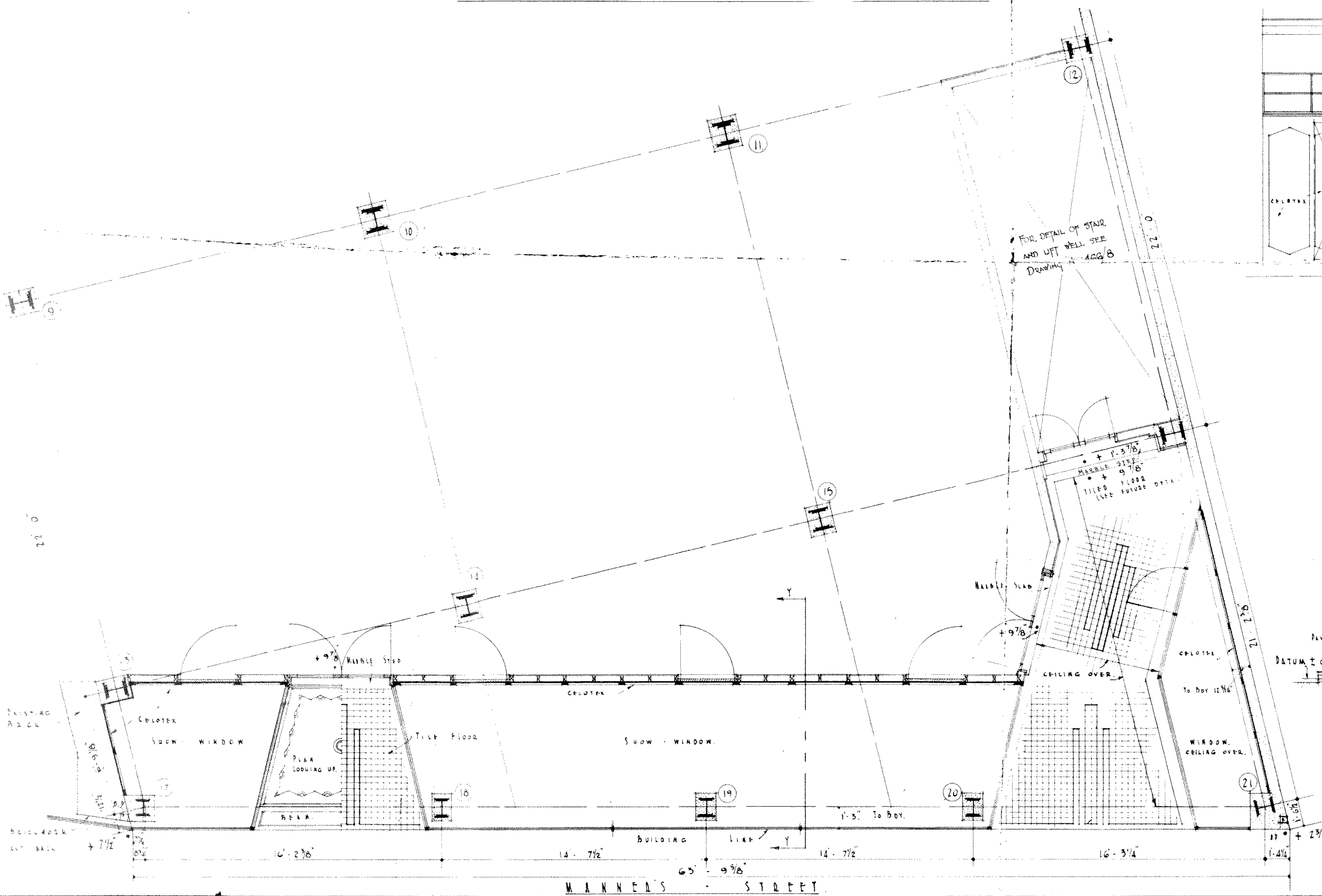
PLAN OF FRONT PORTION UPPER FLOORS



DETAIL OF SHOW WINDOW BACKS



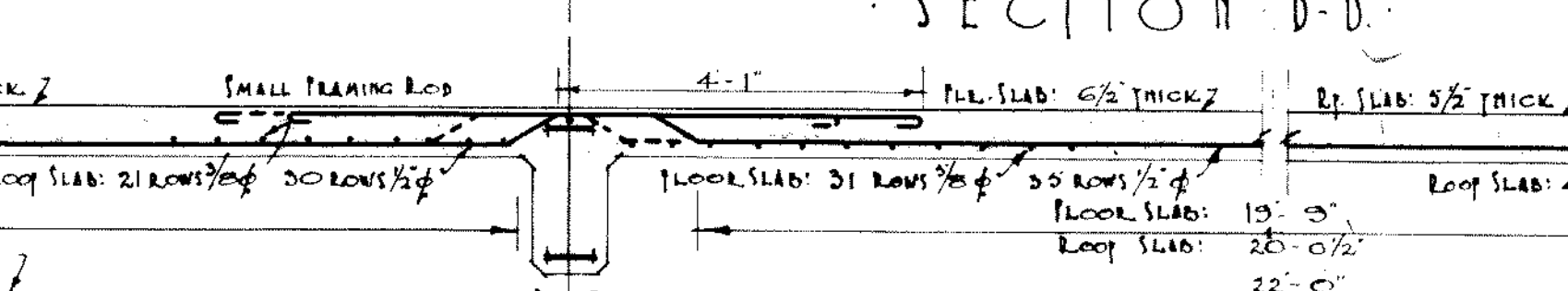
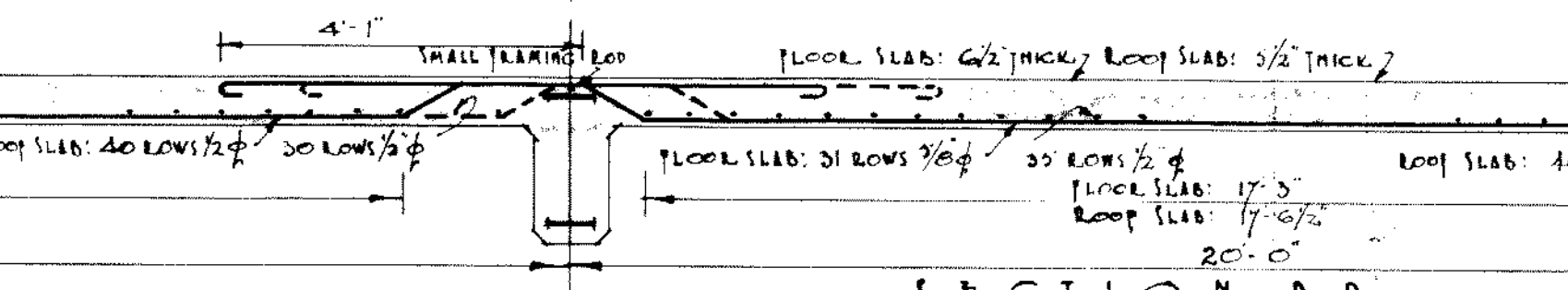
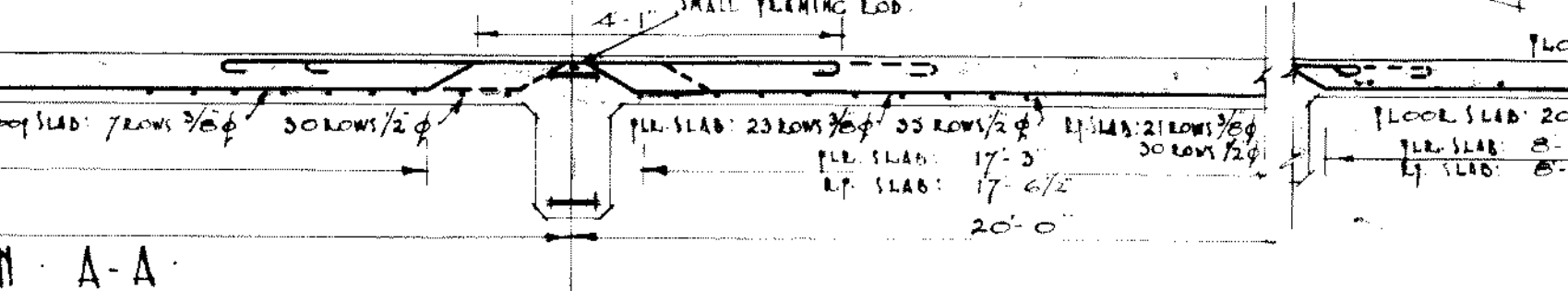
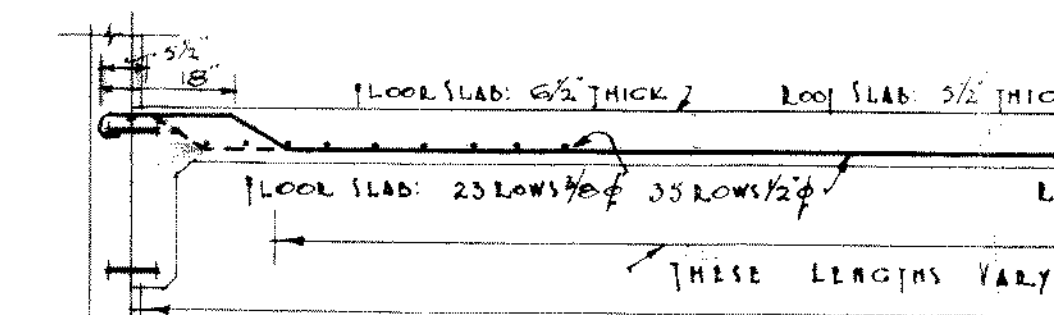
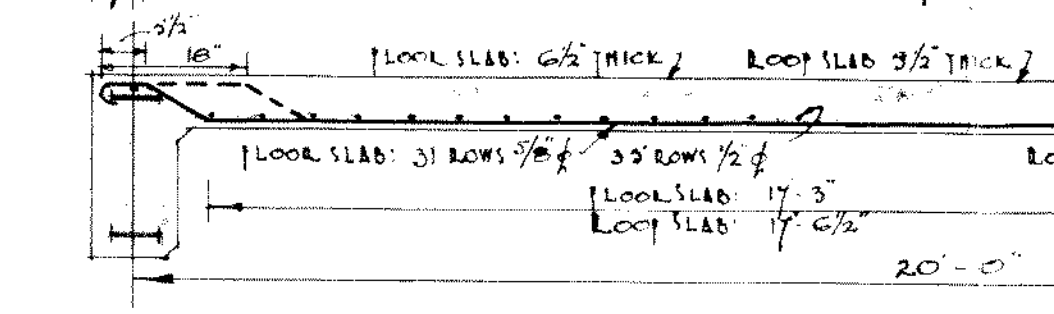
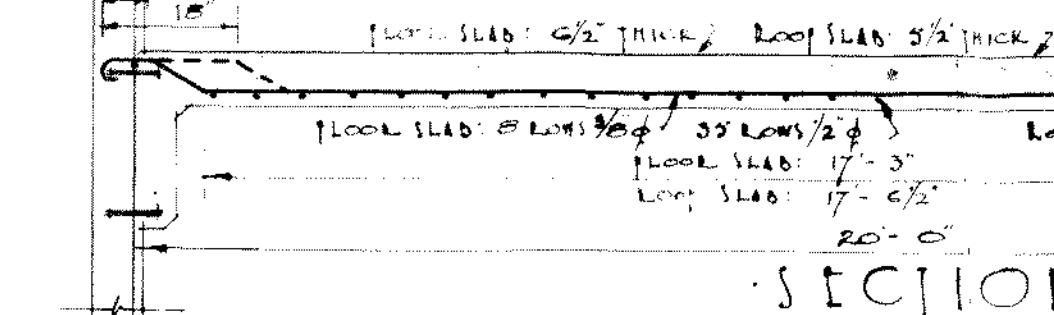
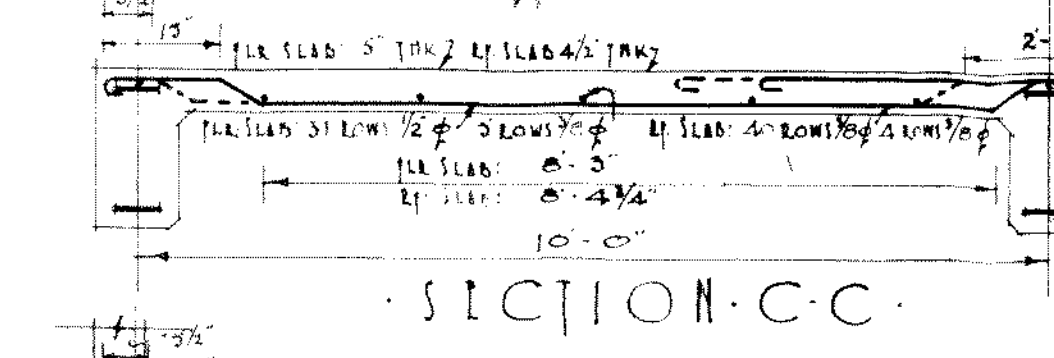
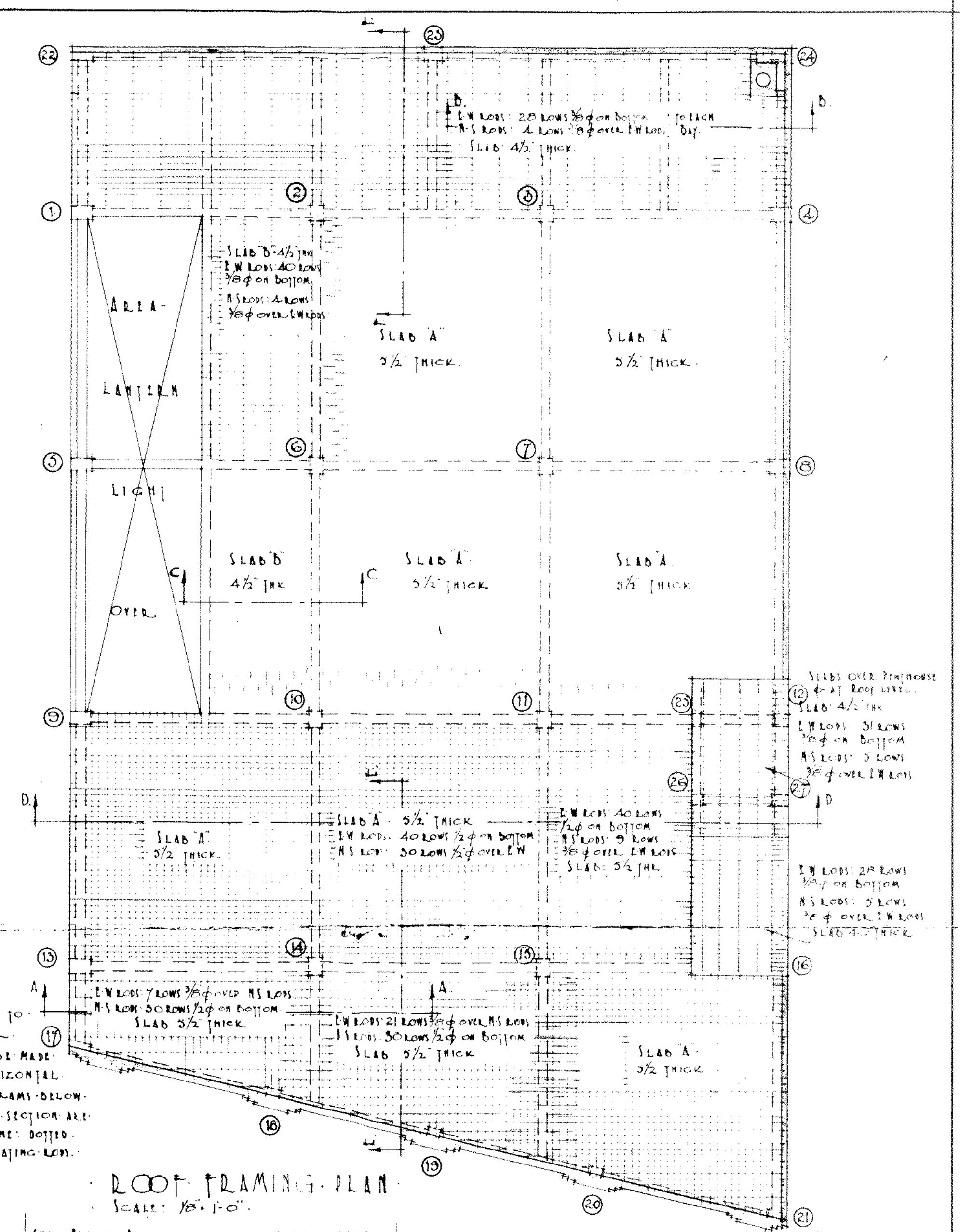
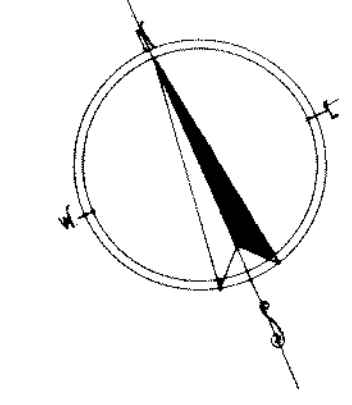
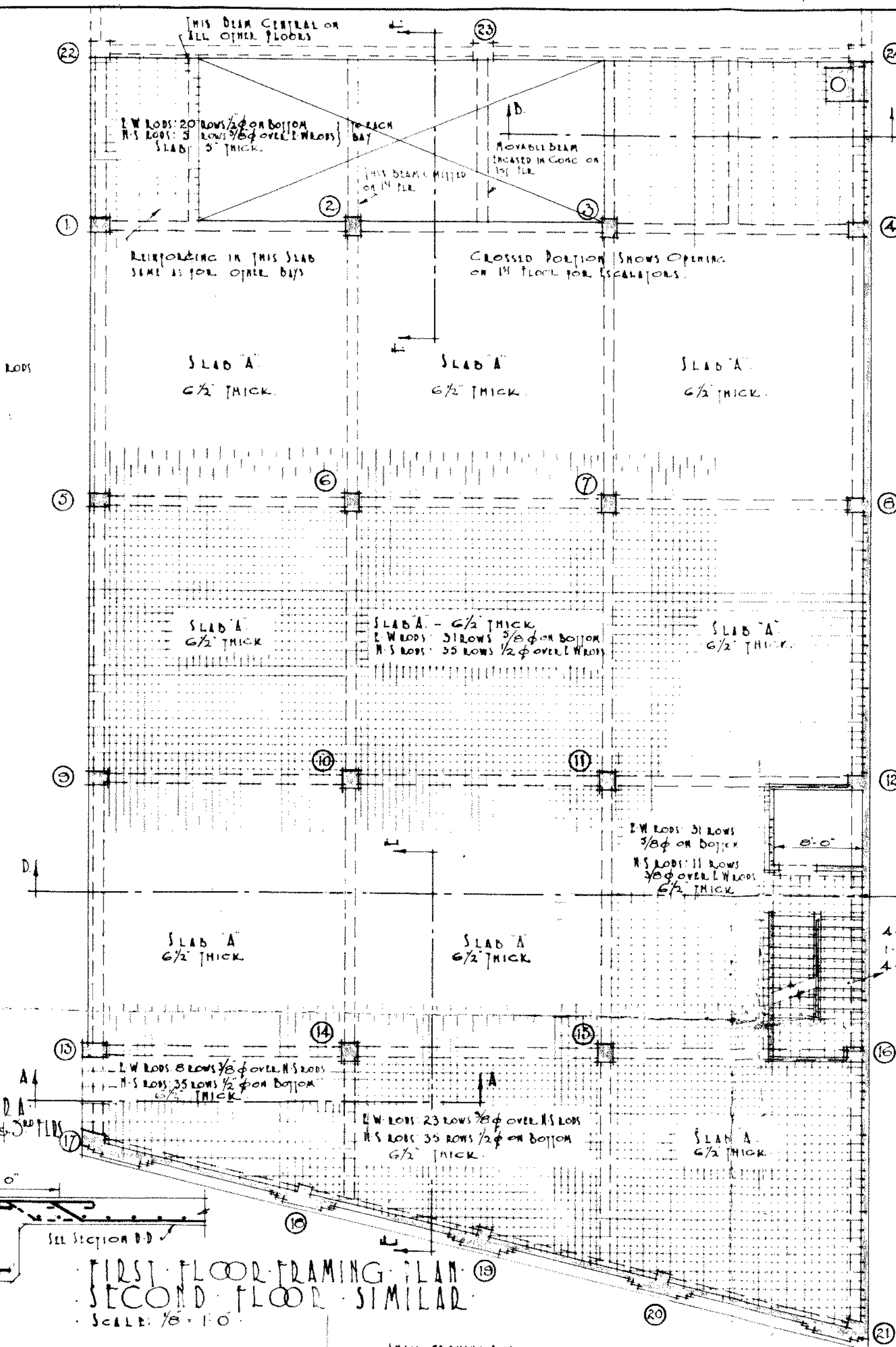
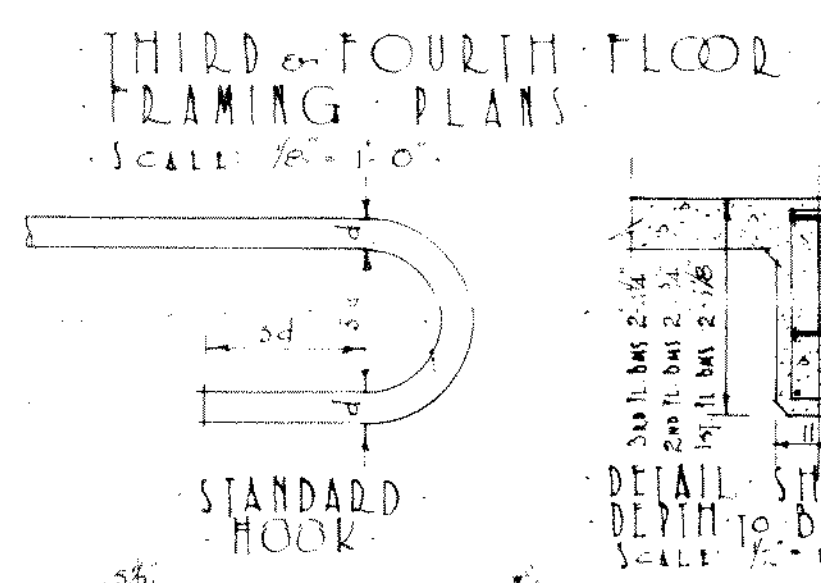
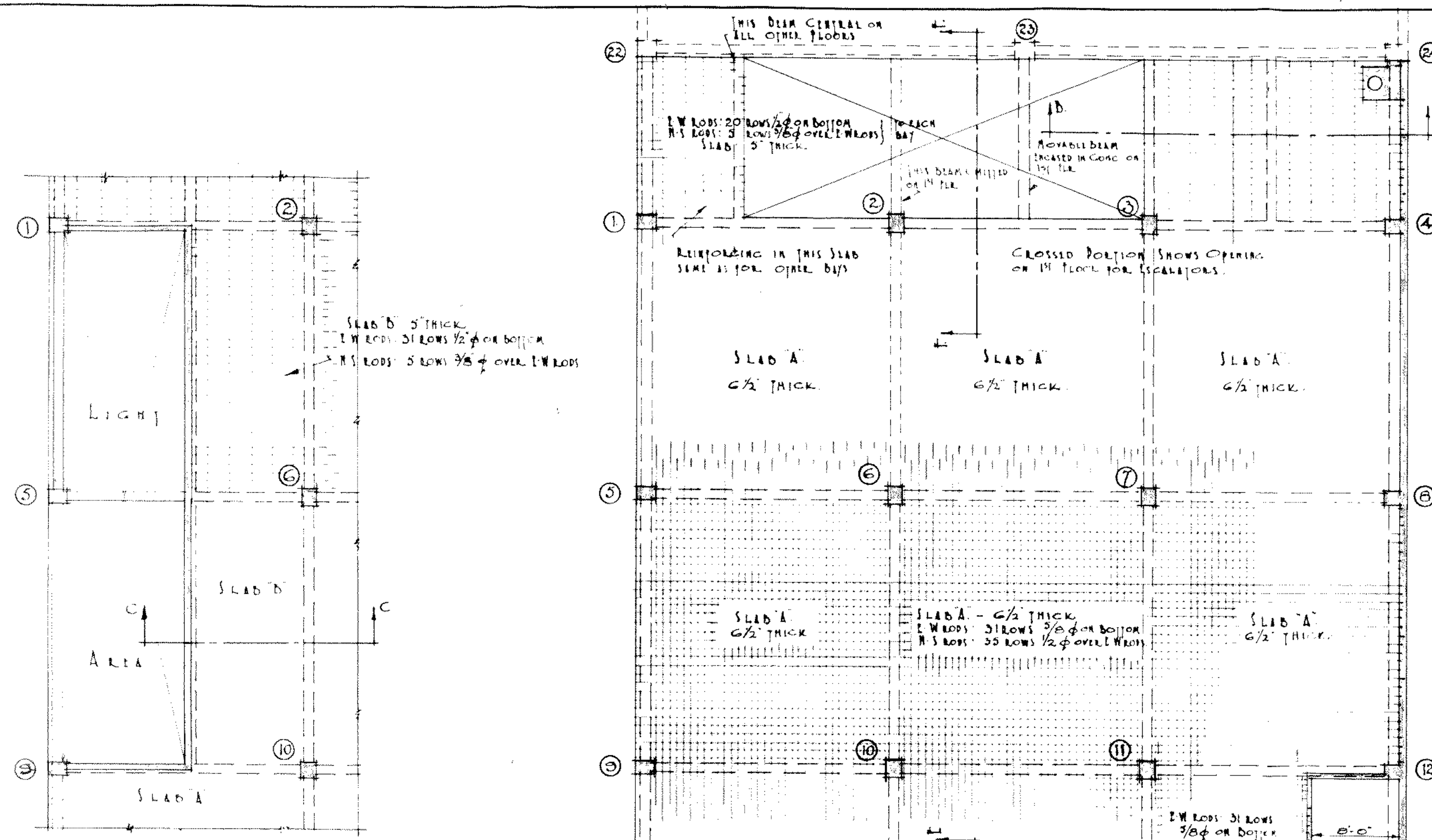
SECTION Y-Y



J. M. DAWSON & KING
 ARCHITECTS - WELLINGTON

≈ JAMES SMITH LTD. ≈ PREMISES, MANNERS STREET, ≈ WELLINGTON ≈

Drawing No. 466/10.
 SCALES: 1/4" = 1' HOOD.
 MADE BY: J. M. Dawson & King
 TR: J. M. Dawson & King



NOTE: ALL SLAB STEEL TO HAVE 2" COVER. ALL CHAIRS TO BE MADE AT 90° TO HORIZONTAL. IN BENDING DIAGRAMS BELOW, ROBS. IN PLANS OF SECTION ARE SHOWN BY FULL LINE, DOTTED LINE SHOWS ALTERNATING ROBS.

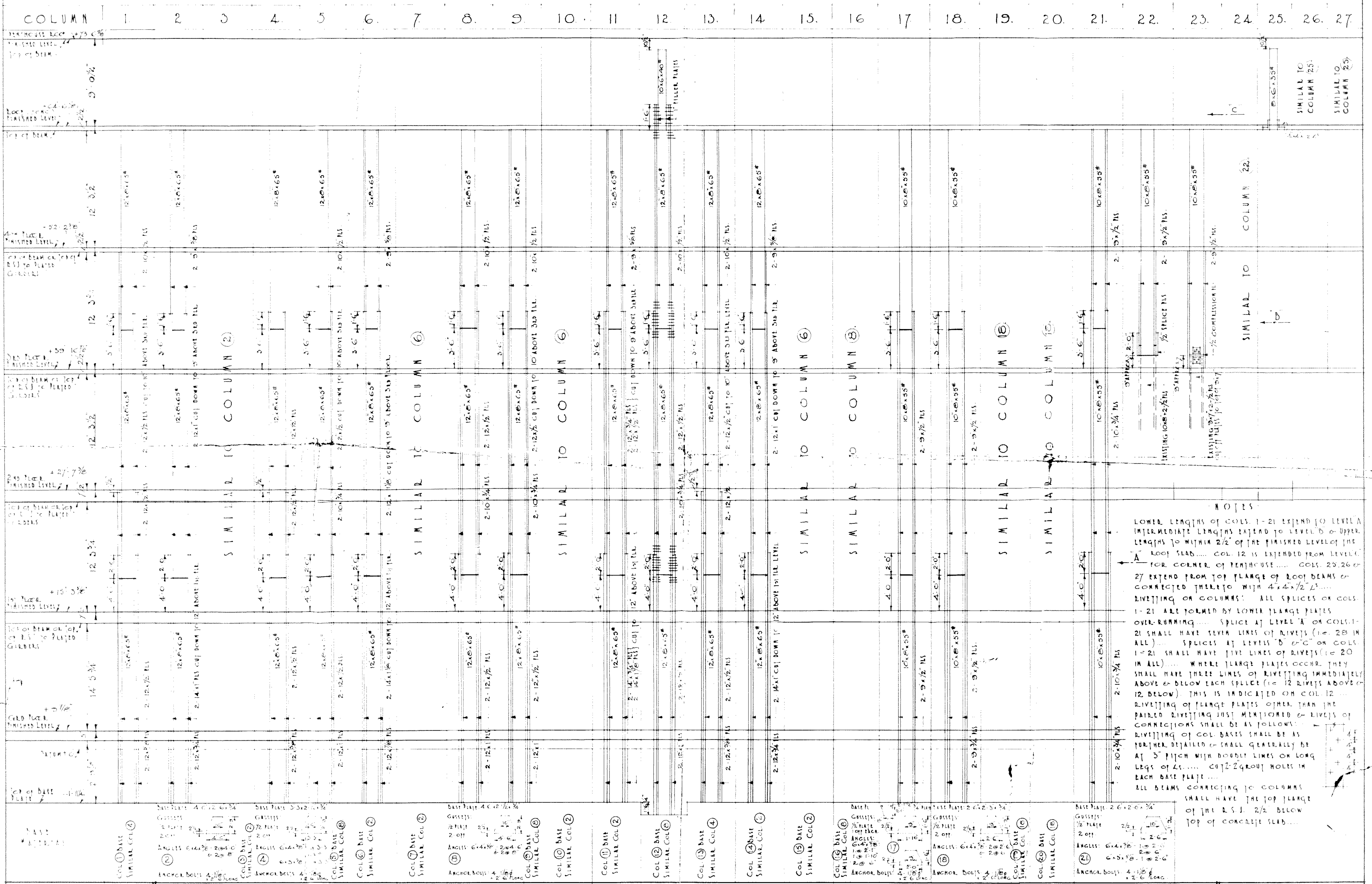
BENDING DIAGRAMS OF SLAB REINFORCEMENT (NOT TO SCALE)

J. M. DAWSON & KING
FNZIA ARISA
ARCHITECTS - WELLINGTON

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON.

Drawing No 466/11
SCALE: 1/8" = 1'-0"
MADE 6th JUNE 34 BY J. Howard
TR. Edward Cairns

C O L U M N S C H E D U L E



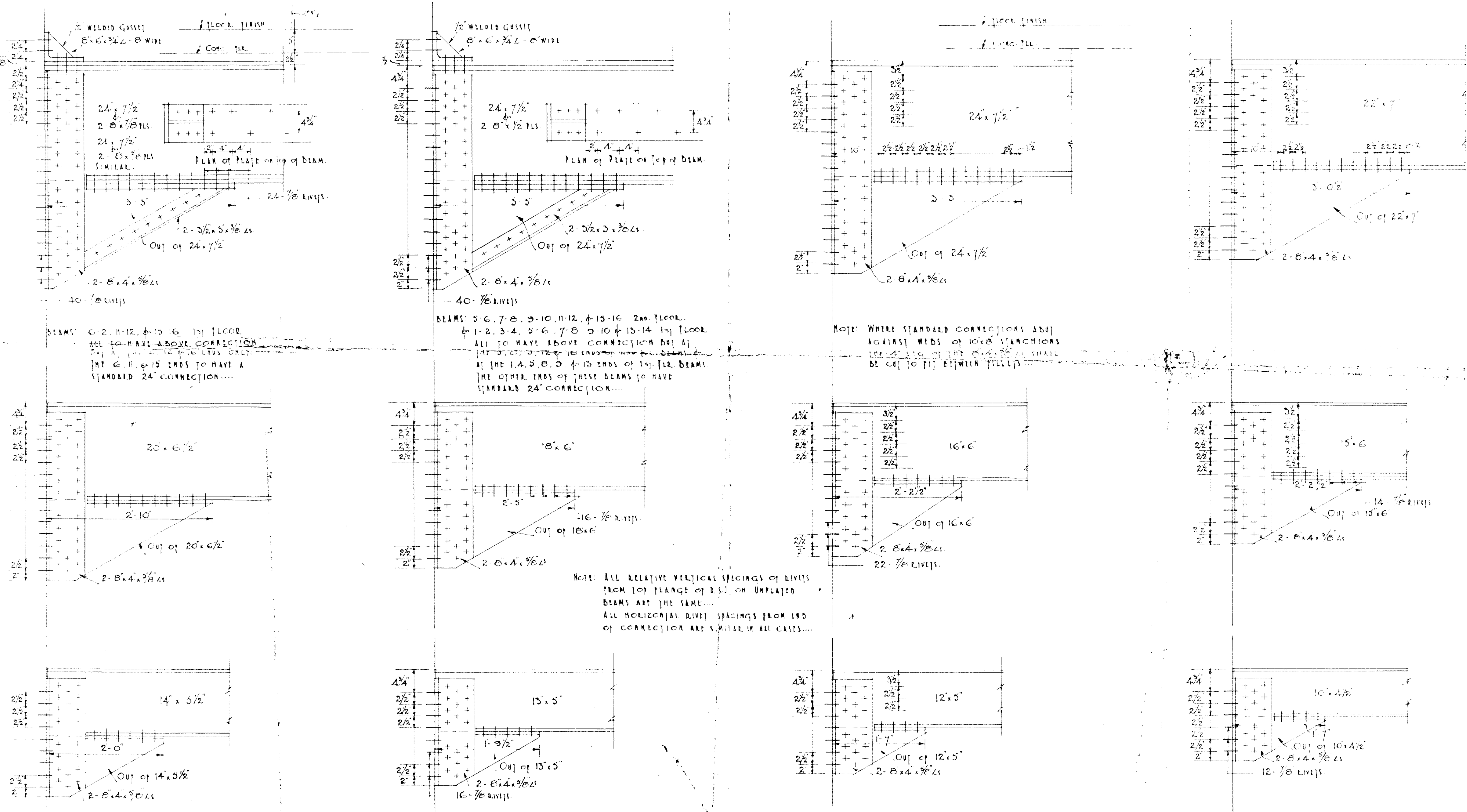
J. M. DAVSON & KING
ARCHITECTS & WELLINGTON

JAMES SMITH LTD. PREMISES, MANNERS STREET, WELLINGTON.

Drawing No 466/12
Scale: Not to Scale
Made: 20th April 1934 by J. M. Davson & King
Tr. of General Club

B E A M S C H E D U L E

BEAM	22-1/2	23-2	23-3/4	24-3	24-3/4	24-4	1-22	5-1	5 1/2	6-2	7-3	4-8	9-5	9 1/2	10-6	11-7	8-12	13-9	14-10	15-11	15 1/2	12-16	17-13	14-18	15-19	16-21	22-23	23-24	1-2	2-3	3-4	5-6	6-7	7-8	9-10	10-11	11-12	13-14	14-15	15-16	21-20	20-19	19-18	18-17		
ROOF	10x4 1/2	10x4 1/2	10x4 1/2	10x4 1/2	10x4 1/2	10x4 1/2	10x4 1/2	13x5	10x4 1/2	13x5	14x5 1/2	12x5	12x5	12x5	13x5	14x5 1/2	12x5	14x5 1/2	14x5 1/2	14x5 1/2	16x6	14x5 1/2	10x4 1/2	12x5	12x5	12x5	18x6	18x6	13x5	15x6	15x6	14x5 1/2	13x5	13x5	14x5 1/2	13x5	20x6 1/2	13x5	13x5	16x6	12x5	12x5	12x5	10x4 1/2		
4th FLOOR	10x4 1/2	14x5 1/2	10x4 1/2	14x5 1/2	12x5	10x4 1/2	10x4 1/2	18x6	13x5	16x6	18x6	15x6	14x5 1/2	14x5 1/2	16x6	18x6	15x6	18x6	18x6	18x6	18x6	13x5	12x5	16x6	16x6	15x6	22x7	22x7	16x6	15x6	16x6	20x6 1/2	15x6	20x6 1/2	20x6 1/2	15x6	20x6 1/2	16x6	14x5 1/2	20x6 1/2	14x5 1/2	14x5 1/2	12x5			
3rd FLOOR	10x4 1/2	18x6	10x4 1/2	18x6	12x5	10x4 1/2	10x4 1/2	18x6	13x5	20x6 1/2	20x6 1/2	15x6	14x5 1/2	14x5 1/2	20x6 1/2	20x6 1/2	15x6	18x6	18x6	20x6 1/2	20x6 1/2	18x6	14x5 1/2	13x5	18x6	18x6	15x6	22x7	15x6	22x7	24x7 1/2	15x6	24x7 1/2	24x7 1/2	15x6	24x7 1/2	18x6	15x6	24x7 1/2	16x6	14x5 1/2	14x5 1/2	12x5			
2nd FLOOR	12x5	20x6 1/2	10x4 1/2	20x6 1/2	12x5	10x4 1/2	12x5	18x6		22x7	22x7	15x6	16x6		22x7	22x7	15x6	18x6	22x7	22x7	18x6	14x5 1/2	15x6	20x6 1/2	20x6 1/2	15x6		24x7 1/2	16x6	24x7 1/2	24x7 1/2	18x6	24x7 1/2	24x7 1/2	18x6	24x7 1/2	24x7 1/2	15x6	24x7 1/2	24x7 1/2	15x6	15x6	15x6	12x5		
1st FLOOR	12x5		14x5 1/2	24x7 1/2	12x5	12x5	13x5	18x6		24x7 1/2	24x7 1/2	18x6	18x6		24x7 1/2	24x7 1/2	18x6	16x6	24x7 1/2	24x7 1/2	18x6	16x6	15x6	24x7 1/2	24x7 1/2	16x6		24x7 1/2	20x6 1/2	24x7 1/2	24x7 1/2	20x6 1/2	24x7 1/2	24x7 1/2	20x6 1/2	24x7 1/2	24x7 1/2	18x6	24x7 1/2	24x7 1/2	18x6	16x6	16x6	13x5		



D E T A I L S O F B E A M C O N N E C T I O N S T O S T A N C H I O N S

J.M. Dawson & King
 Architects Wellington

JAMES SMITH LTD - PREMISES, MANNERS STREET, WELLINGTON.

DRAWING No. 466 13
 SCALE: 1" = 1'-0"
 MADE: 21st JAN 1934 BY: [Signature]
 TO: E.G.F. & Co. CHEN