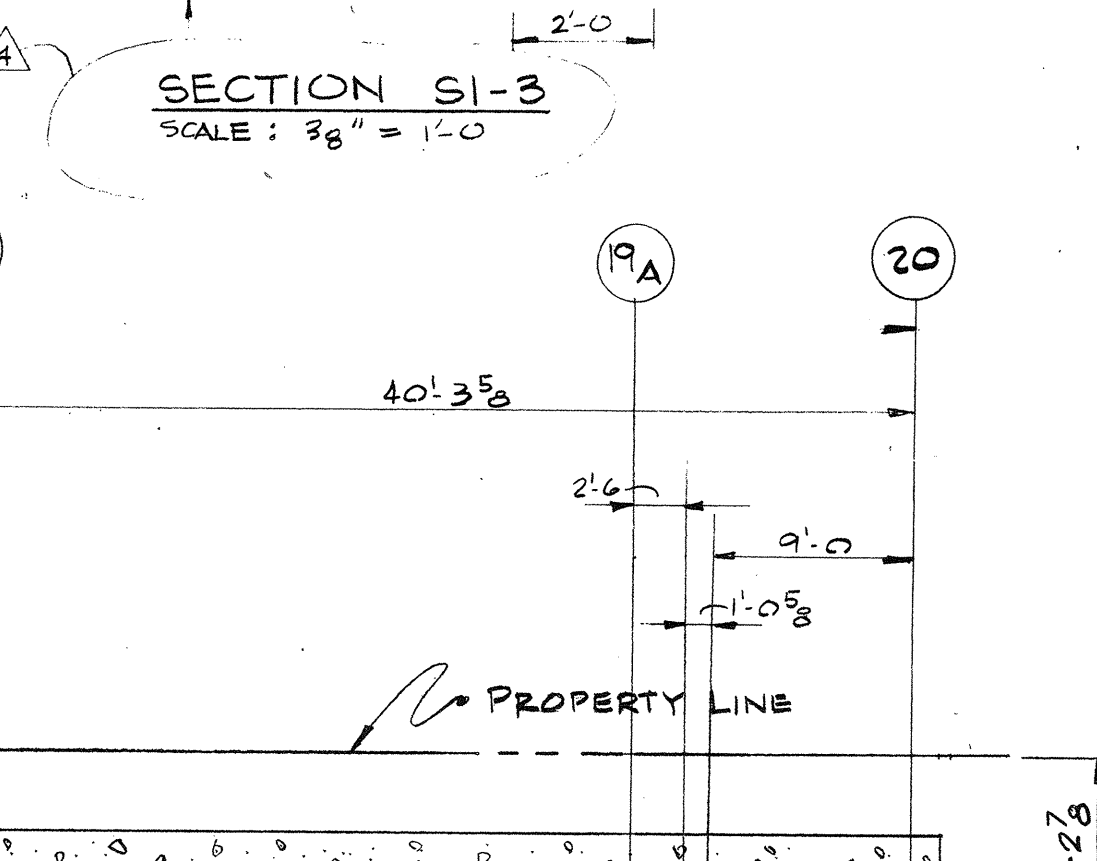
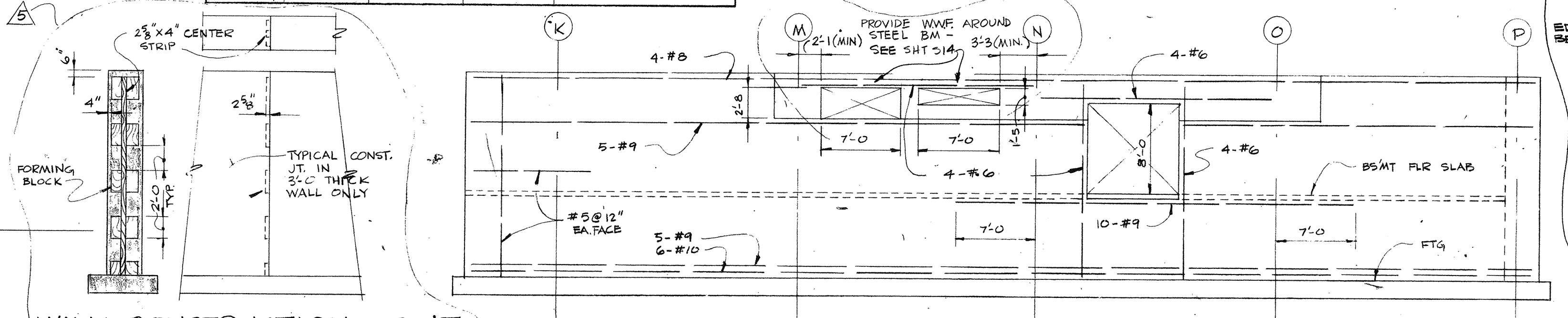
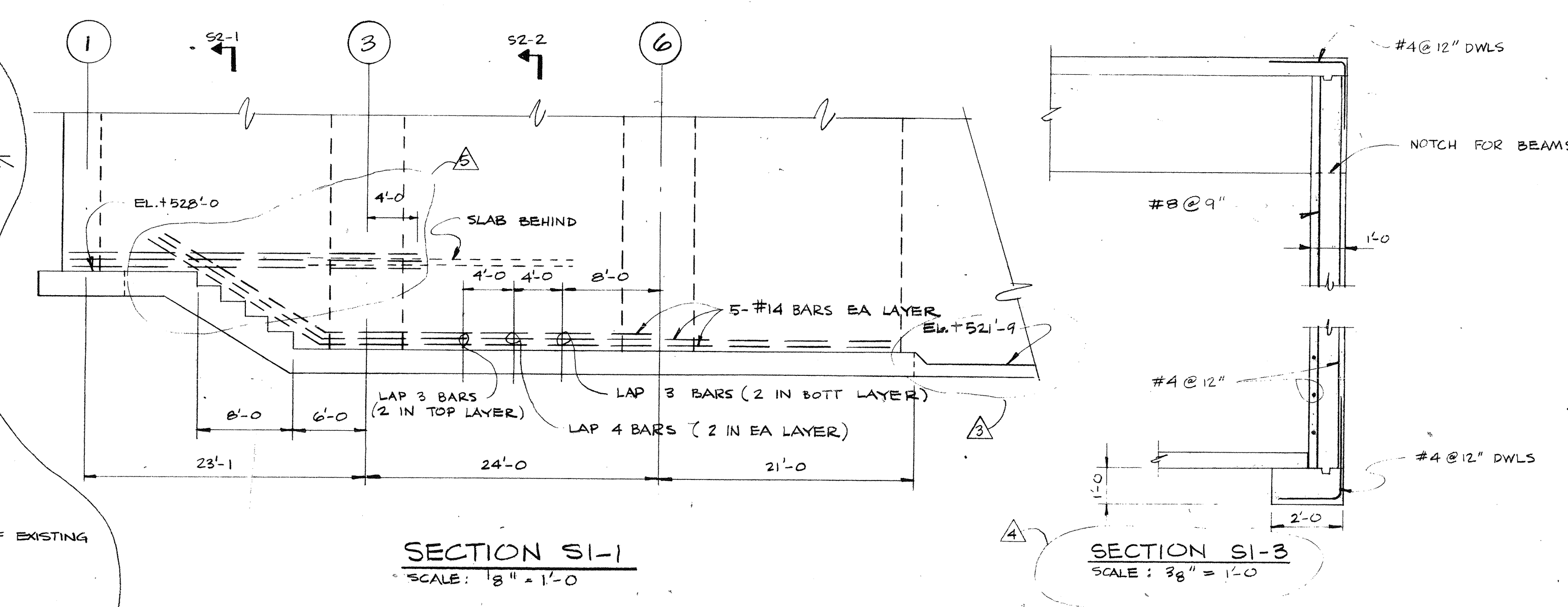
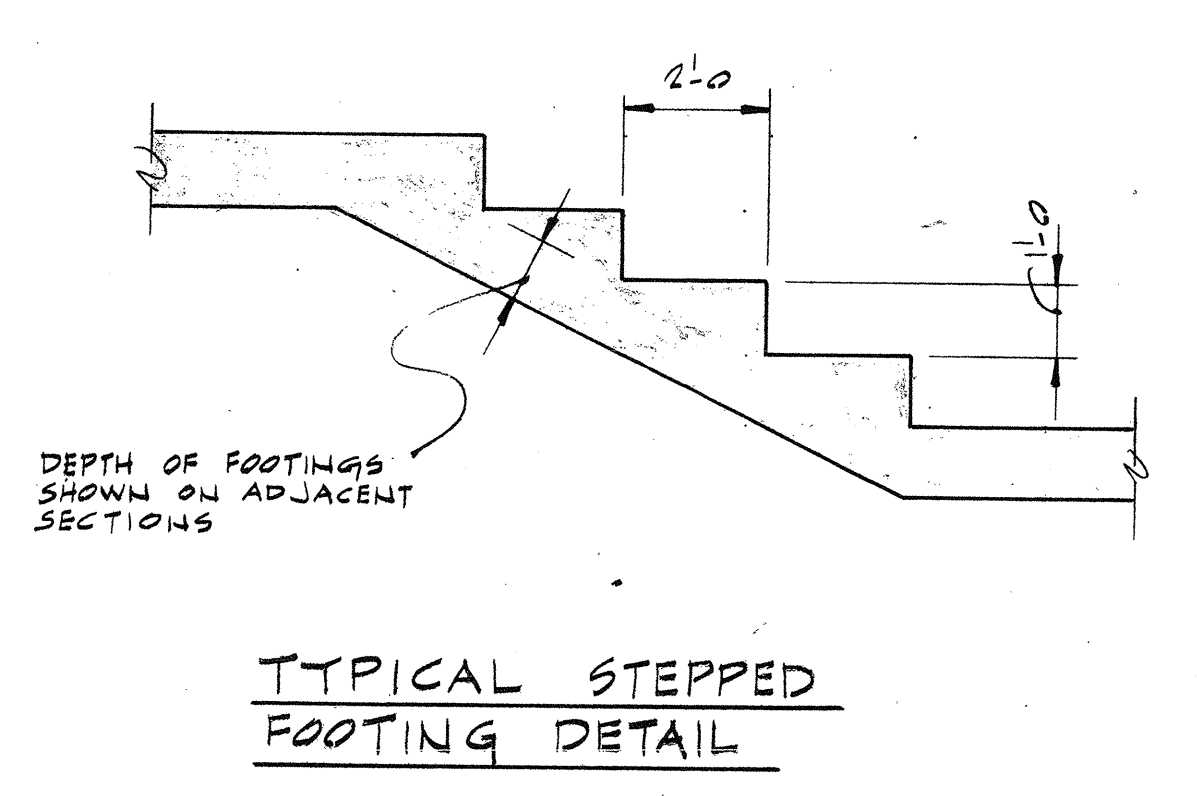


FOOTING SCHEDULE					
MARK	SIZE	DEPTH	REIN. EA. WAY	REMARKS	
F1	4'-3" SQ.	3'-0"	16-#7		
F2	7'-3" SQ.	2'-5"	18-#6		
F3	3'-6" SQ.	1'-5"	7-#4		
F4	12'-9" SQ.	3'-11"	25-#8		
F5	10'-0" SQ.	3'-5"	21-#7		
F6	12'-3" SQ.	3'-10"	21-#8		
F7	8'-0" SQ.	2'-7"	16-#6		
F8	4'-3" SQ.	1'-6"	10-#4		
F9	5'-0" SQ.	1'-9"	13-#4		
F10	6'-6" SQ.	2'-2"	15-#5		
F11	6'-0" SQ.	2'-1"	13-#5		
F12	4'-6" SQ.	1'-7"	12-#4		
F13	6'-0" SQ.	2'-4"	9-#4	9-#4 E-W DIRECTION	
F14	4'-0" SQ.	1'-6"	8-#4	8-#4 S-E-W DIRECTION	



**WALL CONSTRUCTION JOINT**  
 NO CONSTRUCTION JOINT PERMITTED BETWEEN LINES 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 ON BASE END OF WALL ON LINE 10. LOCATE JOINT WITHIN MIDDLE THIRD OF BAY.

**NOTE FOR REFERENCE LINE PARALLEL TO ARCADE COL. LINES HERE SEE SHT. AD-1**

**NOTE:** REFERENCE LINE PARALLEL TO COLUMN LINES IS TO BE USED FOR ALL DIMENSIONS UNLESS OTHERWISE NOTED.

**BASEMENT & FOUNDATION PLAN**  
 SCALE: 1/8" = 1'-0"  
 ALL TOP OF FOOTING ELEVATIONS UNLESS OTHERWISE NOTED  
 5" CONC. SLAB UNLESS OTHERWISE NOTED  
 REIN. WITH 3/8" DIA. W.W.F.

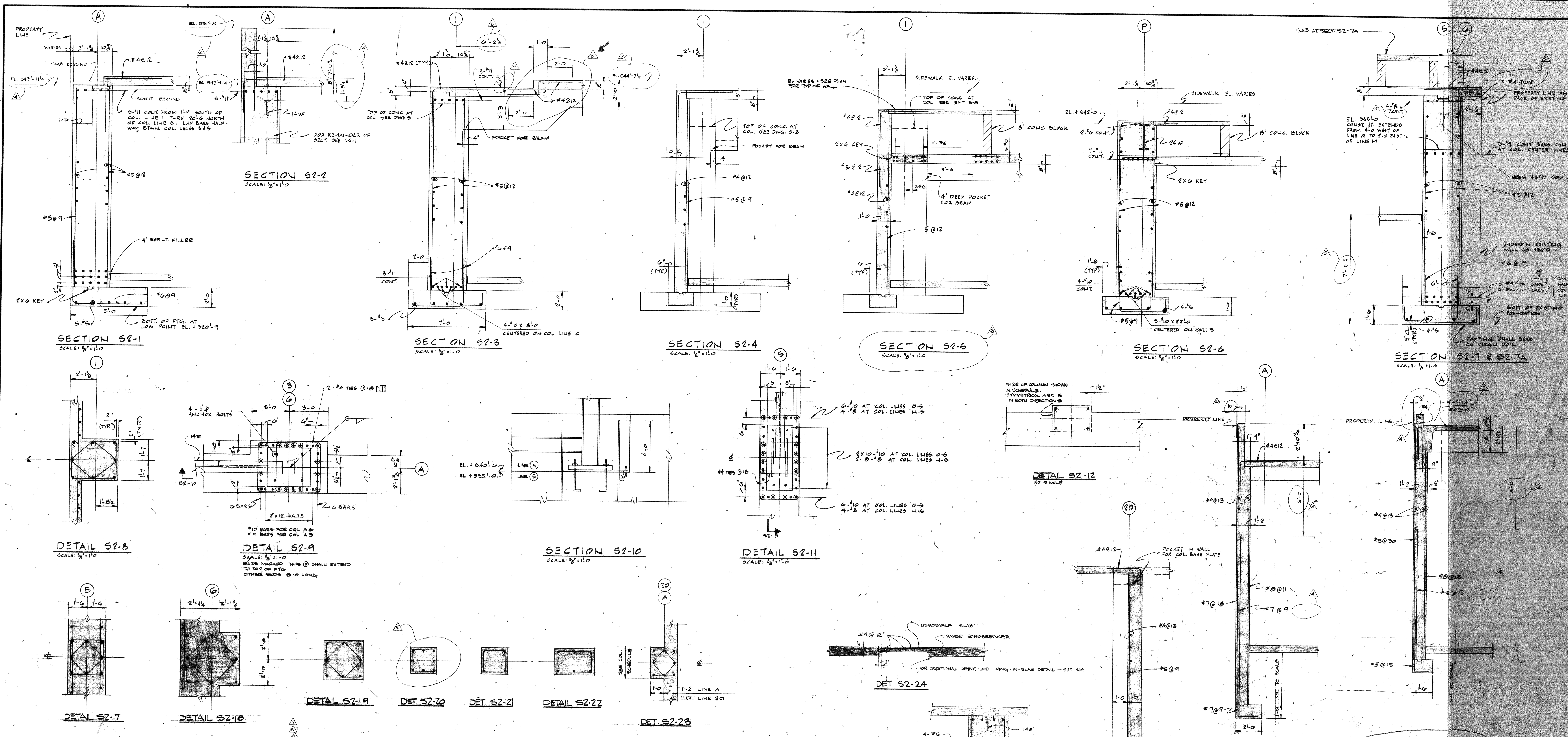
- 10-27-68 SEC. 91-2, 91-3; WALL O.P.G.; ELEV. PIT; FTG. & SLAB ELEV.; RETAINING WALL; LOADING DOCK
- 11-15-68 ANCHOR BOLT PIT; FTG. ELEV.; SEC. 91-1; SUMP PUMPS; RAMP; WALL JOINT
- 8-21-68 FTG. ELEV.; DIMENSIONS; SECTION MARK
- 9-9-68 SEC. 91-2-25 MARK; PLASTERERS
- 10-2-68 PFTN ON LINE A

- 12-6-68 - SLOPE BREAK LINE RELOCATION - LINE 15; SUMP PUMP PIT LOCATION; SEC. 91-1, 91-2, 91-3
- 12-6-68 - ELEV. CHANGE FROM LINES 20 & 21 CONC. WALL - SEC. 91-25
- 1-23-69 - REBAR ADDED; O.P.G. IN WALL LINE 5; SEC. 91-55A
- 2-14-69 - DUCT CHANGES DIMENSIONED
- 3-11-69 - FTG. MARKS 148, 149, 110
- 4-28-69 - SERVICE RAMP

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**COLUMN SCHEDULE**

COLUMN MARK	01	N1, M1, K1, H1	P1, P6, A1	P5	C1, B1	10, 11	A3, A6	09, N5	M6	K6	08	N8, N5, K5, H5, E5, C5	H4, E4, C4	E5, B4, E4, H4, E4, C4	D16, D17, D18, D19, D20	D18, D19	C2, C7	S10, F20, G10, L20	A14, A15	
FLOOR ELEVATION																				
GROUND FLOOR SEE PLAN FOR ELEVATIONS																				
TOP OF FOOTINGS SEE PLAN OR SECT FOR ELEVATIONS	41 X 36 8-9	41 X 36 8-9	24 X 24 6-11	24 X 24 6-11	20 X 36 8-9	12 X 12 6-11	SEE DET. 52-1	SEE DET. 52-11	30 X 30 8-9	48 X 50 8-11	36 X 36 8-9	12 X 12 6-11	12 X 12 6-11	14 X 14 8-9	10 X 10 6-11	20 X 20 8-9	24 X 24 8-9	32 X 24 8-9	24 X 24 8-9	
DOWELS	8-9	8-9	4-11	4-11	8-9	8-9	10-10, A6 10-10, A5	10-10, 06 10-10, W6	8-9	8-11	8-9	4-7	4-7	8-9	8-9	8-9	8-9	8-9	8-9	8-9

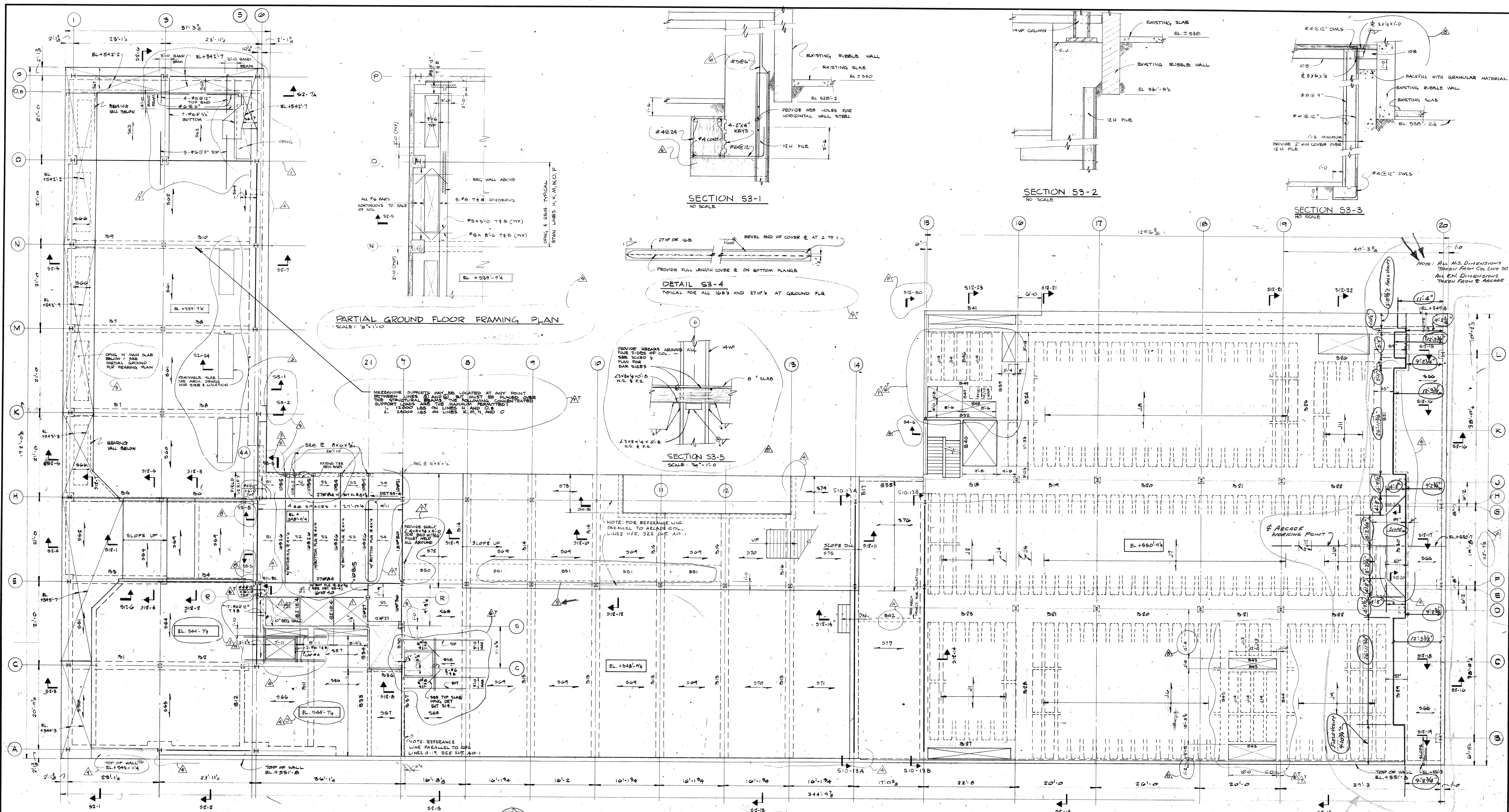
12-6-68 SLAB OPNS - SEC 52-5; COL MARK CONNECTION - K6  
 12-6-68 OMIT COL 56A  
 3-11-69 CHANGE CO MARKS N5, N9  
 4-28-69 ADDR 32-2, SECT 52-3; SEC 52-25  
 8-18-68 COL MARKS  
 9-9-68 COL & SLAB REIN BARS  
 10-2-68 ELEV SHOWN; DIMENSIONS & BAR LENGTH CHANGES; SEC 52-17; COL MARKS REMOVED  
 11-18-68 DOWELS; DIMENSIONS

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\* NOTE: CONTRACTOR SHALL VERIFY CLEAR SPAN DIMENSIONS BETWEEN ABUTMENTS PRIOR TO SHOP DETAILING REBAR. BOTTOM BARS TO LAP 1/2" AT CENTERLINE OF ABUTMENTS. TOP BARS TO LAP 1/2" AT CENTERLINE OF CLEAR SPAN.





**GROUND FLOOR FRAMING PLAN**  
 SCALE: 1/8" = 1'-0"

12-0-60 SLAB ORIG. PARTIAL FRAMING PLAN, BM RELOCATION - LINE 5, DIMENSION CORRECTION - LINE 20; SEC 53-1, 53-2, 53-5 ADDED  
 12-0-60 BRG WALL INCREASE - LINE 5  
 1-03-69 BMS 820, B31, SEC 03-1  
 1-13-69 BRG WALL LINE 2, FLOOR OPENING  
 2-14-69 ADDED REMOVABLE SLABS, FLOOR ELEV., BM DIMENSION  
 3-11-69 SEC 53-1, 53-2, 53-5; CHANGE ON SEC 53-3; ADDITIONAL REBAR; SEC 43-5  
 4-28-69 RAMP SHORTENED, B-1

10-29-60 BM, WALL, & ELEV. ORIG. ADDED; BM & WALL PROJECTION REMOVED; REV. CHANGED  
 10-2-60 REMOVABLE SLABS, FLOOR ELEV., BM DIMENSION  
 7-9-60 BM ADDED  
 8-21-60 DIMENSIONS, STAIR OPENING

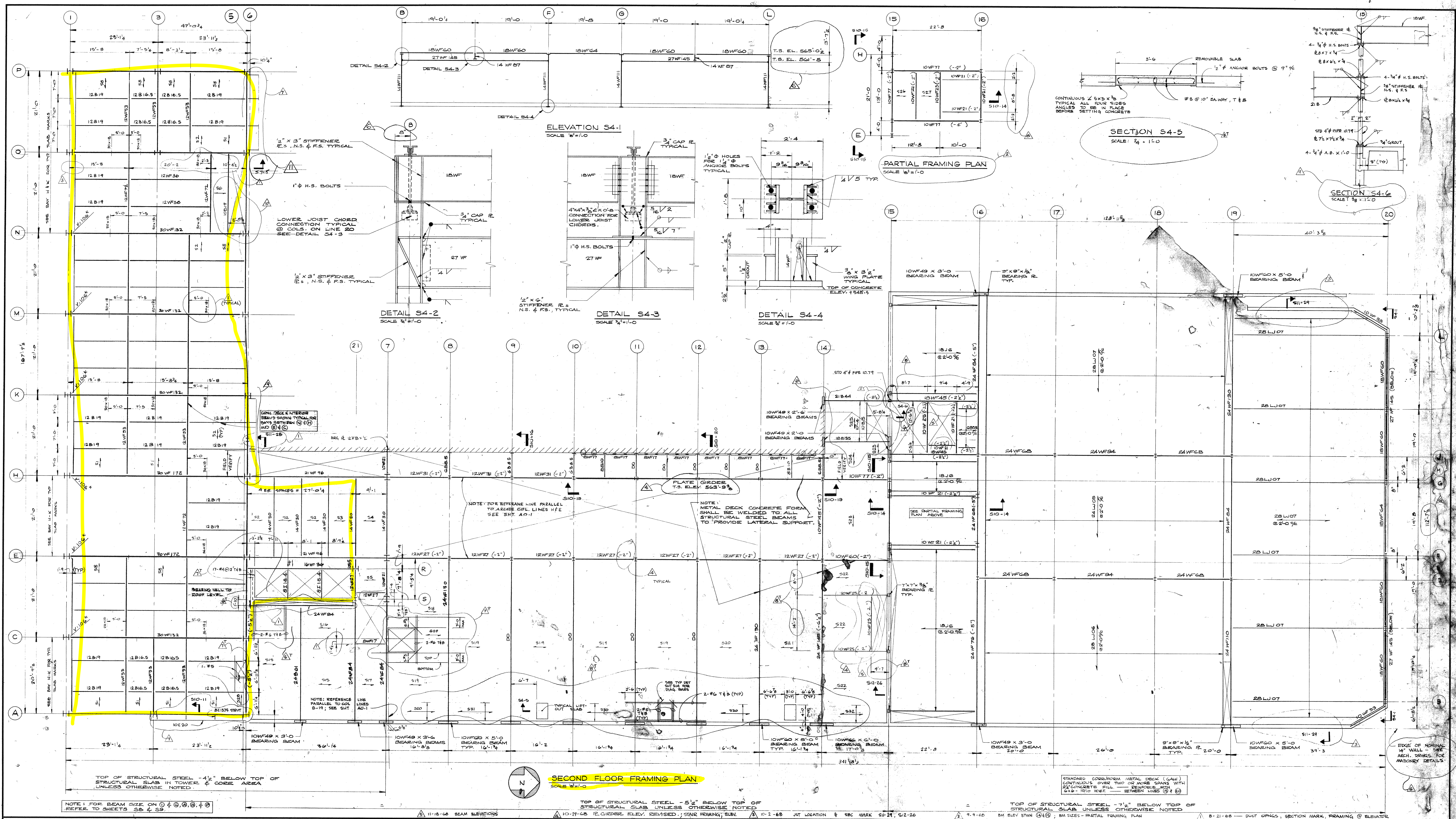
EL. DENOTES TOP OF STRUCTURAL CONCRETE

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 THE ENGINEERS COLLABORATIVE structural engineers  
 COSENTINI ASSOCIATES consulting engineers  
 CHICAGO CHICAGO CHICAGO

DATE: 5-17-69  
 DRAWN BY: JULY 22, 1968  
 CHECKED BY: [Signature]  
 APPROVED BY: [Signature]  
 33





**SECOND FLOOR FRAMING PLAN**  
SCALE 1/8" = 1'-0"

NOTE: FOR BEAM SIZE ON (1) & (2) REFER TO SHEETS S4-1 & S4-2

TOP OF STRUCTURAL STEEL - 5/8" BELOW TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED

TOP OF STRUCTURAL STEEL - 7/8" BELOW TOP OF STRUCTURAL SLAB UNLESS OTHERWISE NOTED

- 12-6-68 REV. CORR. AT LINE 20; FRAMING CHANGE AT LINES 14 & 15
- 12-6-68 REV. CORR. AT LINE 20
- 1-23-69 OUTRIGGERS ADDED
- 1-23-69 TENANT OPENINGS & BRG. WALL
- 2-14-69 SLAB OPENING & SEC. S4-5 & DIMENSIONS
- 3-11-69 SEC. S4-6 & DIM. REV., OUTRIGGERS ADDED
- 4-28-69 STAIR FRAMING

11-18-68 BEAM ELEVATIONS

10-27-68 R. GIRDER ELEV., REVISED; STAIR FRAMING, ELEV.

10-2-68 JST. LOCATION & SEC. MARK S1-27, S12-26

9-9-68 BM ELEV. STATION (1) & (2); BM SIZES - PARTIAL FRAMING PLAN

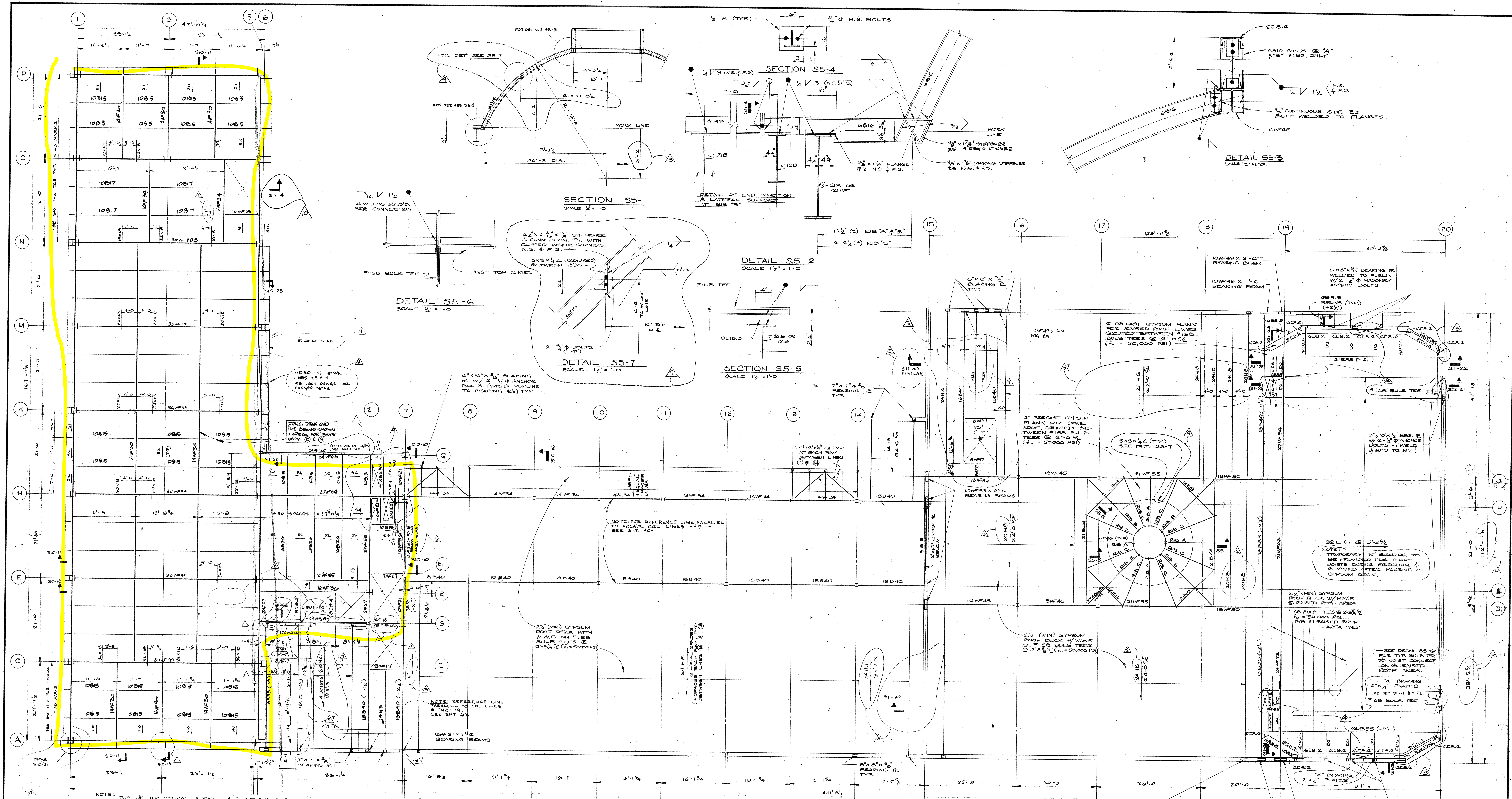
8-21-68 DUCT OPENINGS, SECTION MARK, FRAMING @ ELEVATOR

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**HARRY WEESE & ASSOCIATES** architects & engineers  
THE ENGINEERS COLLABORATIVE structural engineers  
COSENTINI ASSOCIATES consulting engineers  
chicago  
chicago  
chicago

Job No. 571-B  
Prepared by JULY 22, 1968  
Checked  
Approved by architect  
Approved by engineer





**THIRD FLOOR AND LOWER ROOF FRAMING PLAN**  
SCALE 1/8" = 1'-0"

NOTE: TOP OF STRUCTURAL STEEL - 4" BELOW TOP OF STRUCTURAL SLAB IN TOWER & CORE AREA UNLESS OTHERWISE NOTED

NOTE: TOP OF STRUCTURAL STEEL - 5" BELOW FINISHED ROOF LOW POINT ELEVATIONS UNLESS OTHERWISE NOTED.

NOTE: FOR BEAM SIZE ON LINES 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 REFER TO SHEETS 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

1-18-68 DOME RIB STIFFENER DET. S5-7, 6" X 10" BRACING

1-18-68 ADDITIONAL BR; JST LOCATION; SEE MARK S11-30

9-9-68 - G.E.18 ELEVATION

8-21-68 - 8" X 12" EDGE OF SLAB & OUTER GIRDER DETAIL AT CORNER COLS. COLS. P3, A3, DIMENSIONS

- 12-6-68 SEC 55-1 DIM.; 16WF36'S AT LINE 20; DIM. CORRECTION AT LINE 20; DIM. CHANGE AT LINE 7; BLEV FRAMING LINE 15
- 12-6-68 ELEVATOR FRAMING LINE 6
- 1-23-69 JOIST SIZES
- 1-13-68 SEC S11-36
- 2-14-68 DIMENSIONS
- 3-11-69 C AT OUTRIGGER

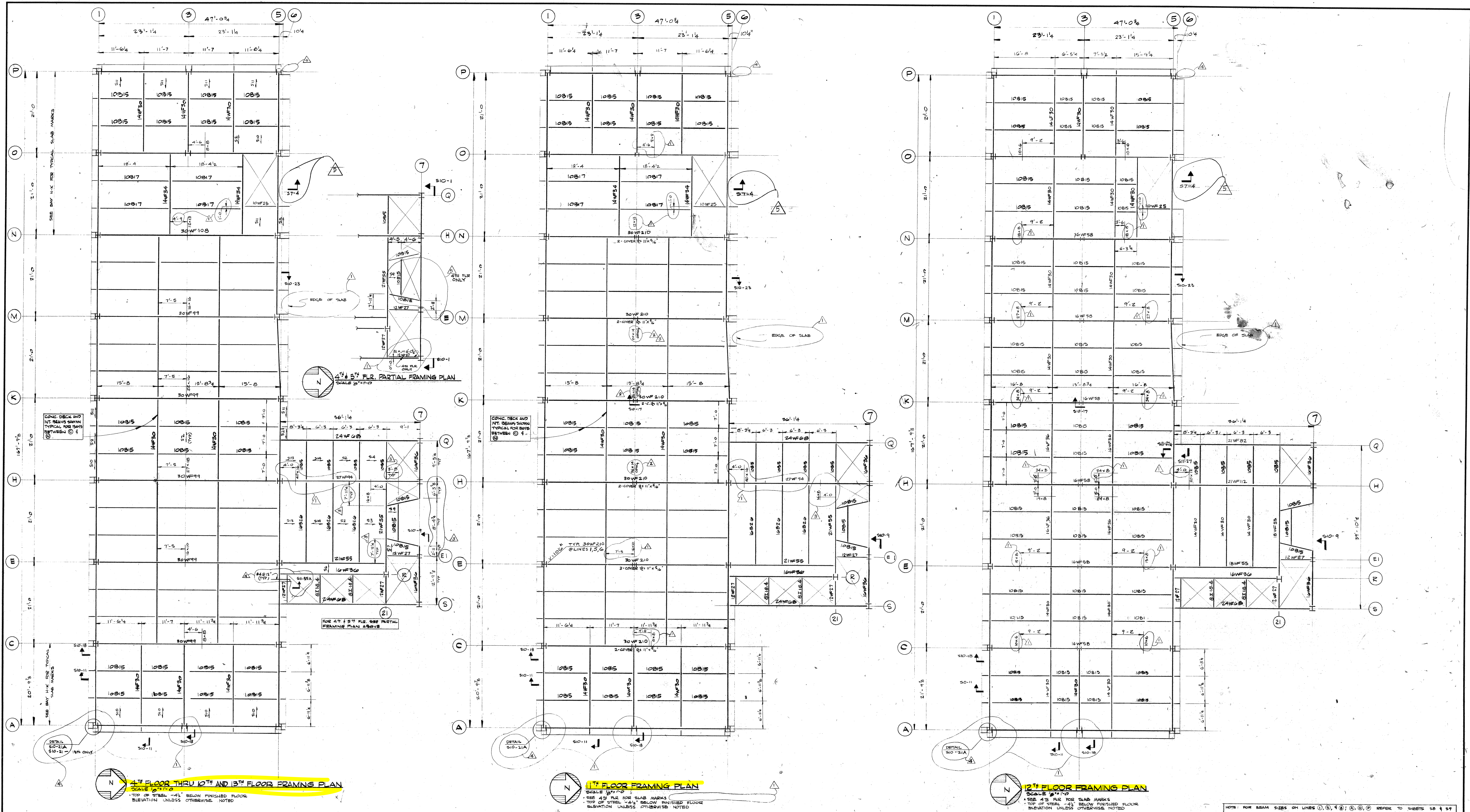
- 1-18-68 FRAMING CHANGE
- 2-2-69 JOIST BRACING
- G-2-69 ADDER SECTION S7-4

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chicago  
chicago  
chicago

DATE: 5-11-68  
ISSUE NO.: JULY 21, 1968  
DRAWN: [Name]  
CHECKED: [Name]  
APPROVED BY ARCHITECT: [Name]  
APPROVED BY ENGINEER: [Name]





1-23-69 OUTRIGGER REMOVED; OUTRIGGER DETAIL CHANGE; SLAB REIN.  
 6-2-69 SEC 57-4 ADDED

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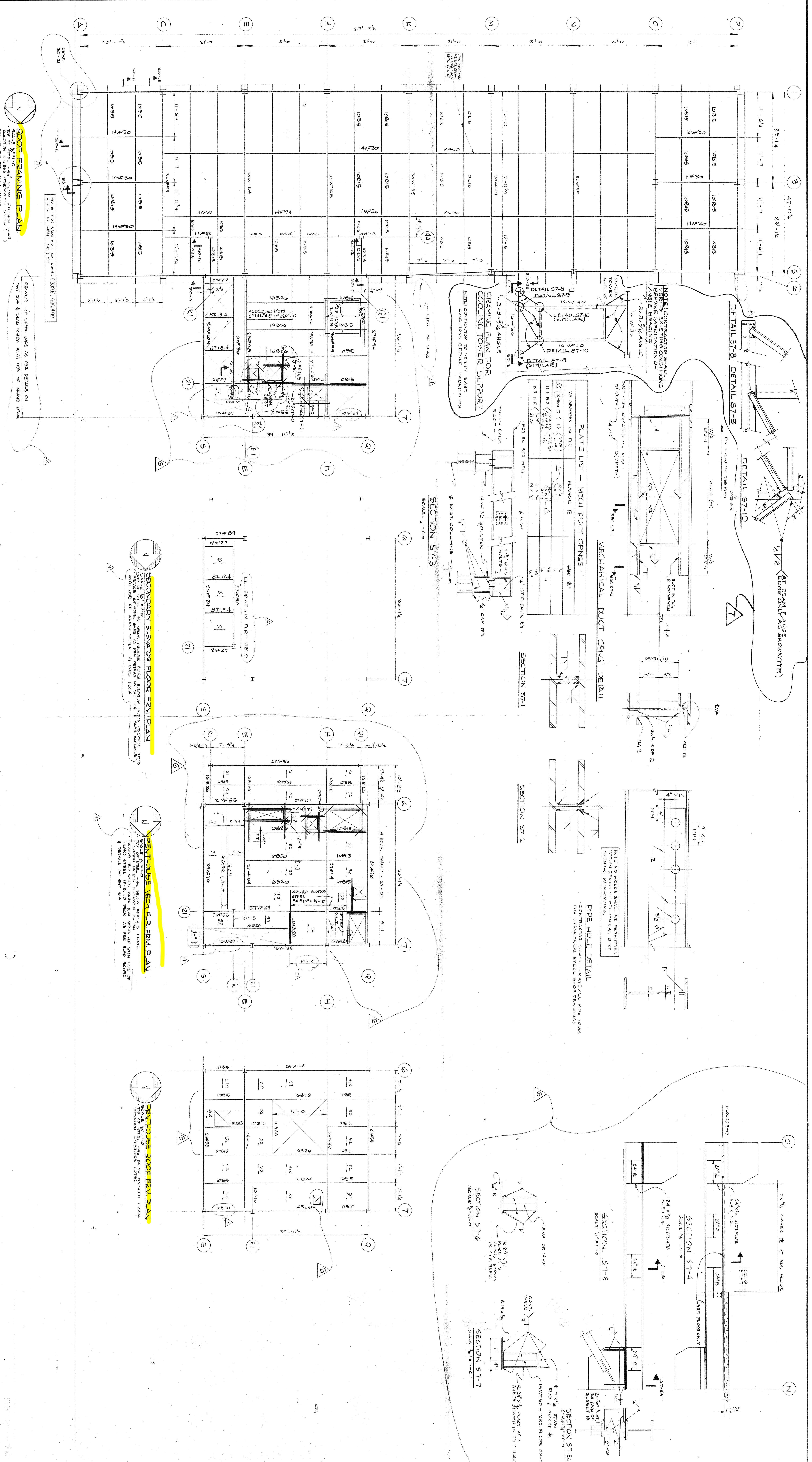
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 COSENTINI ASSOCIATES

architects & engineers  
 structural engineers  
 consulting engineers

chicago  
 chicago  
 chicago

DATE: JULY 22, 1968  
 DRAWN: [Name]  
 CHECKED: [Name]  
 APPROVED BY ARCHITECT: [Name]  
 APPROVED BY OWNER: [Name]





NOTE:  
 1. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
 2. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
 3. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
 4. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
 5. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
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 8. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
 9. ALL DIMENSIONS UNLESS OTHERWISE NOTED ARE IN FEET AND INCHES.  
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CINCINNATI, OHIO

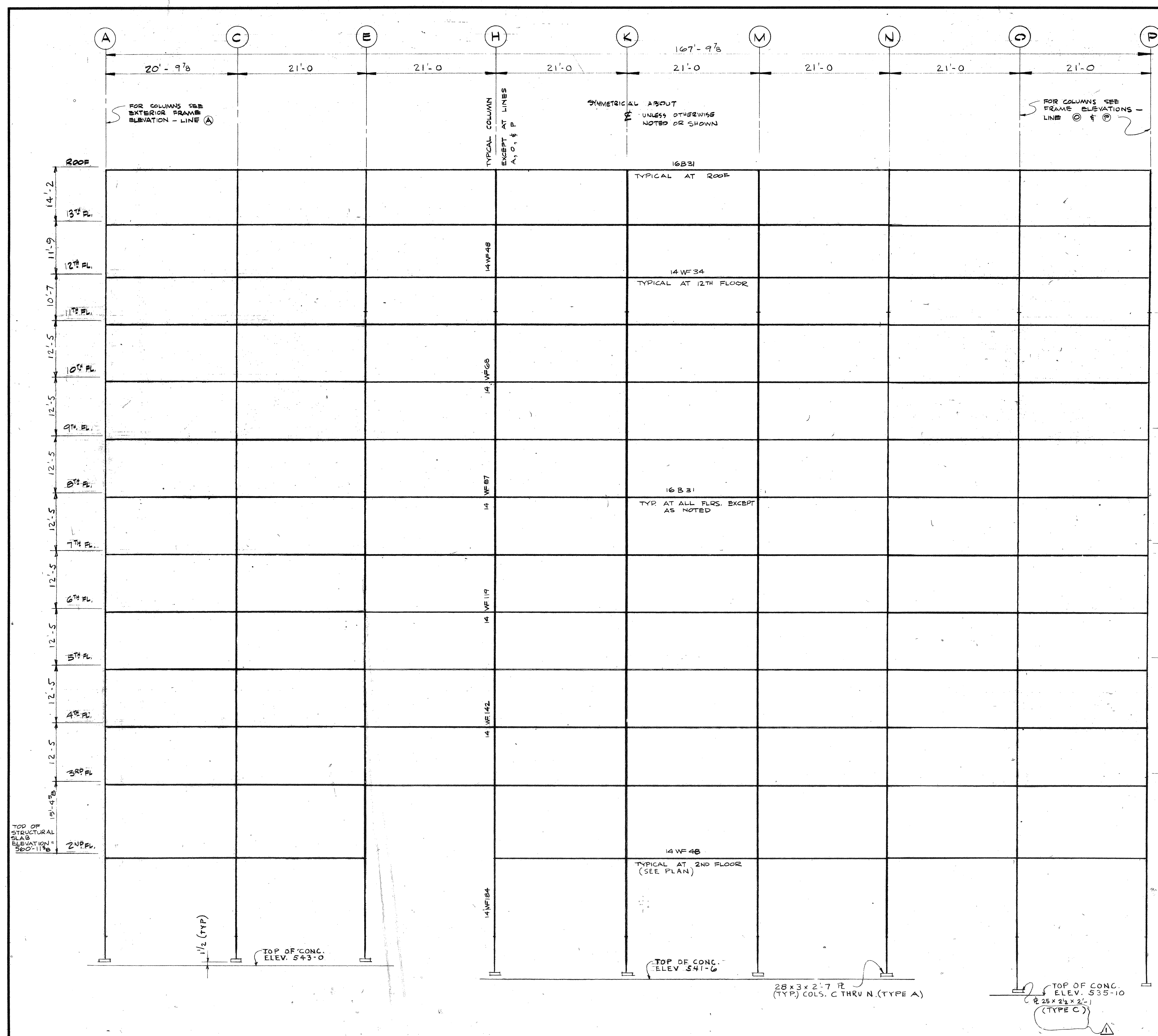
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architects & engineers  
 structural engineers  
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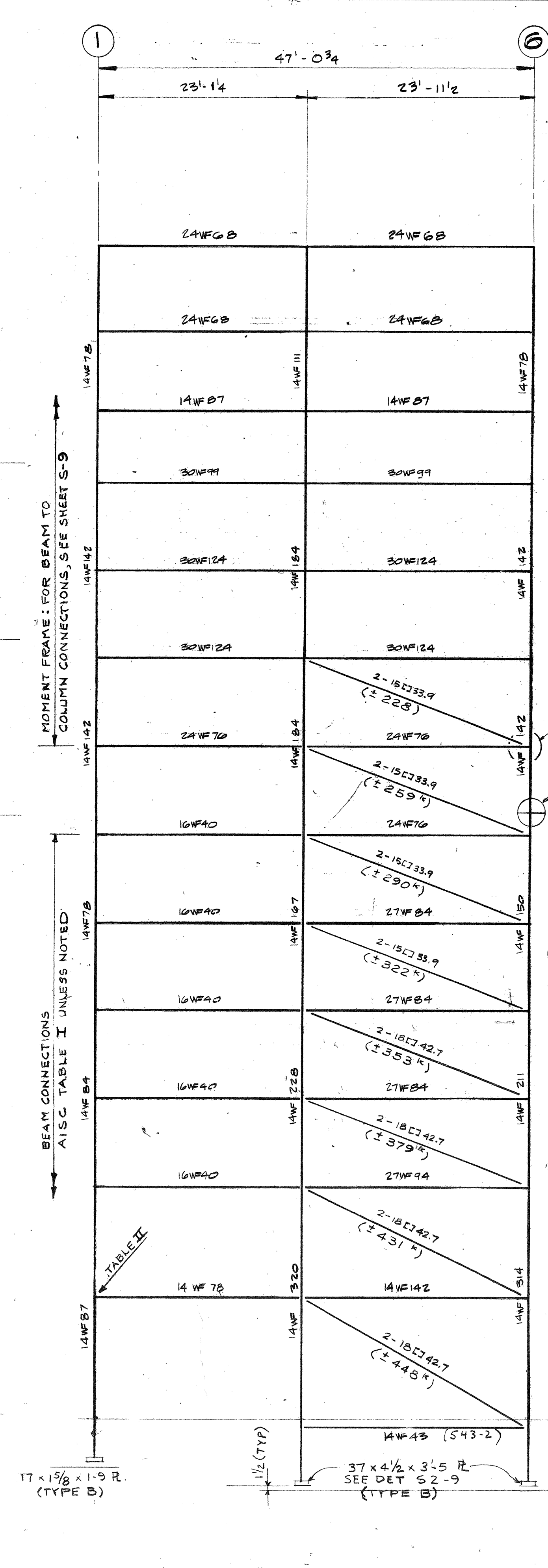
chicago  
 chicago  
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 CHECKED BY: J.W.P.  
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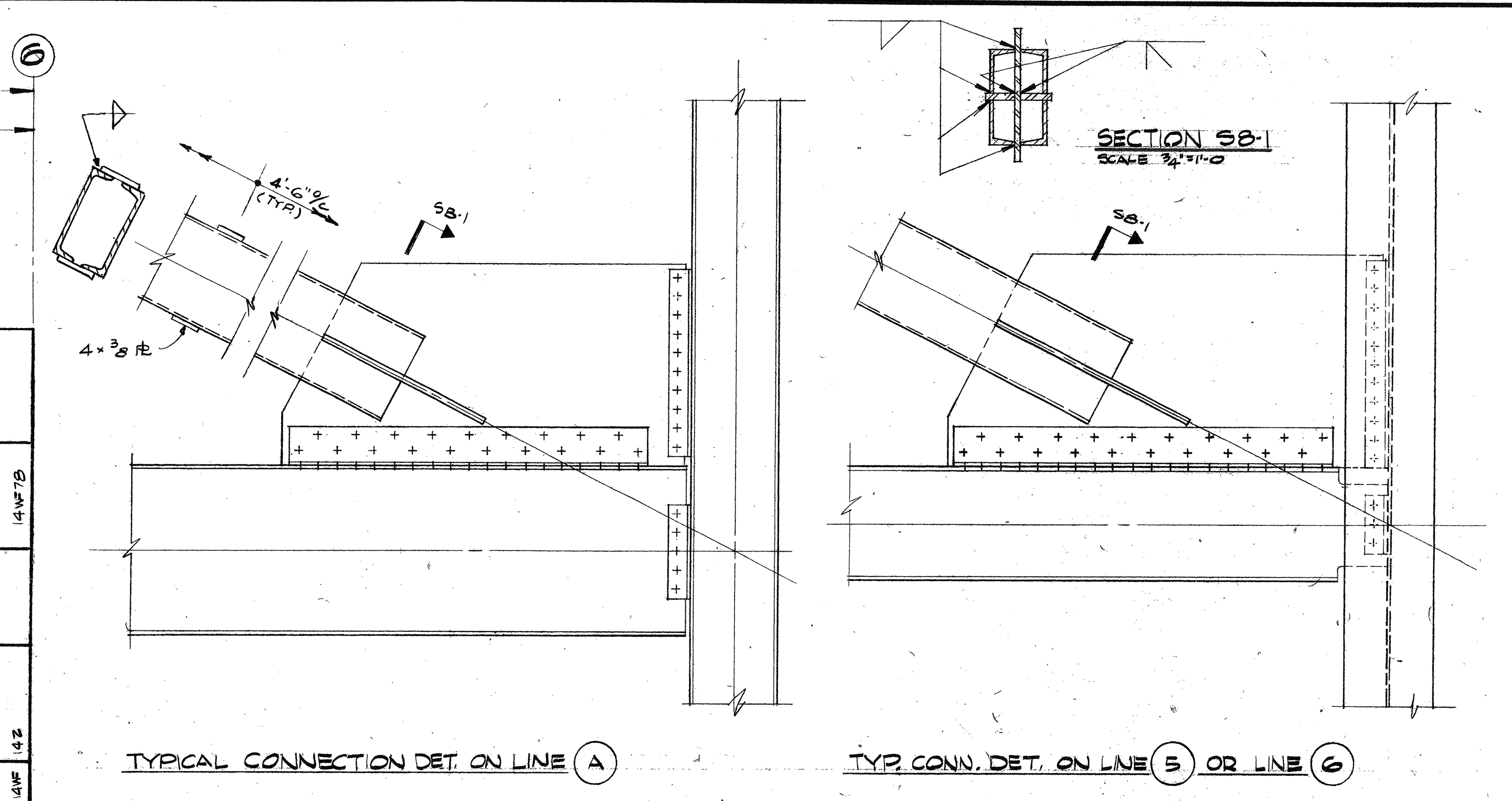




**EXTERIOR FRAME ELEVATION - LINE 1**  
 FOR BASE & DETAILS SEE SHEET S14  
 BEAM CONN. - AISC TABLE I EXCEPT AS NOTED



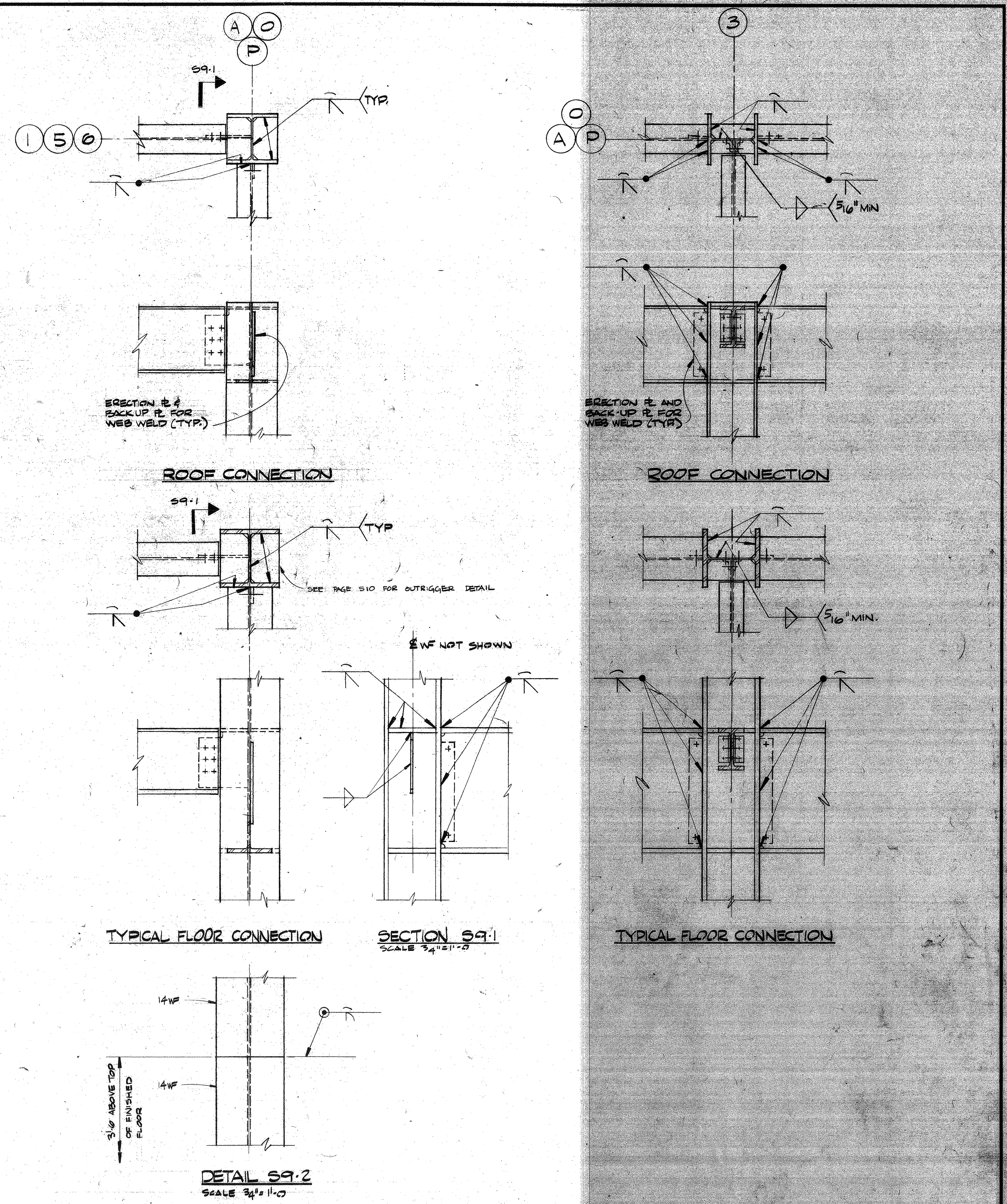
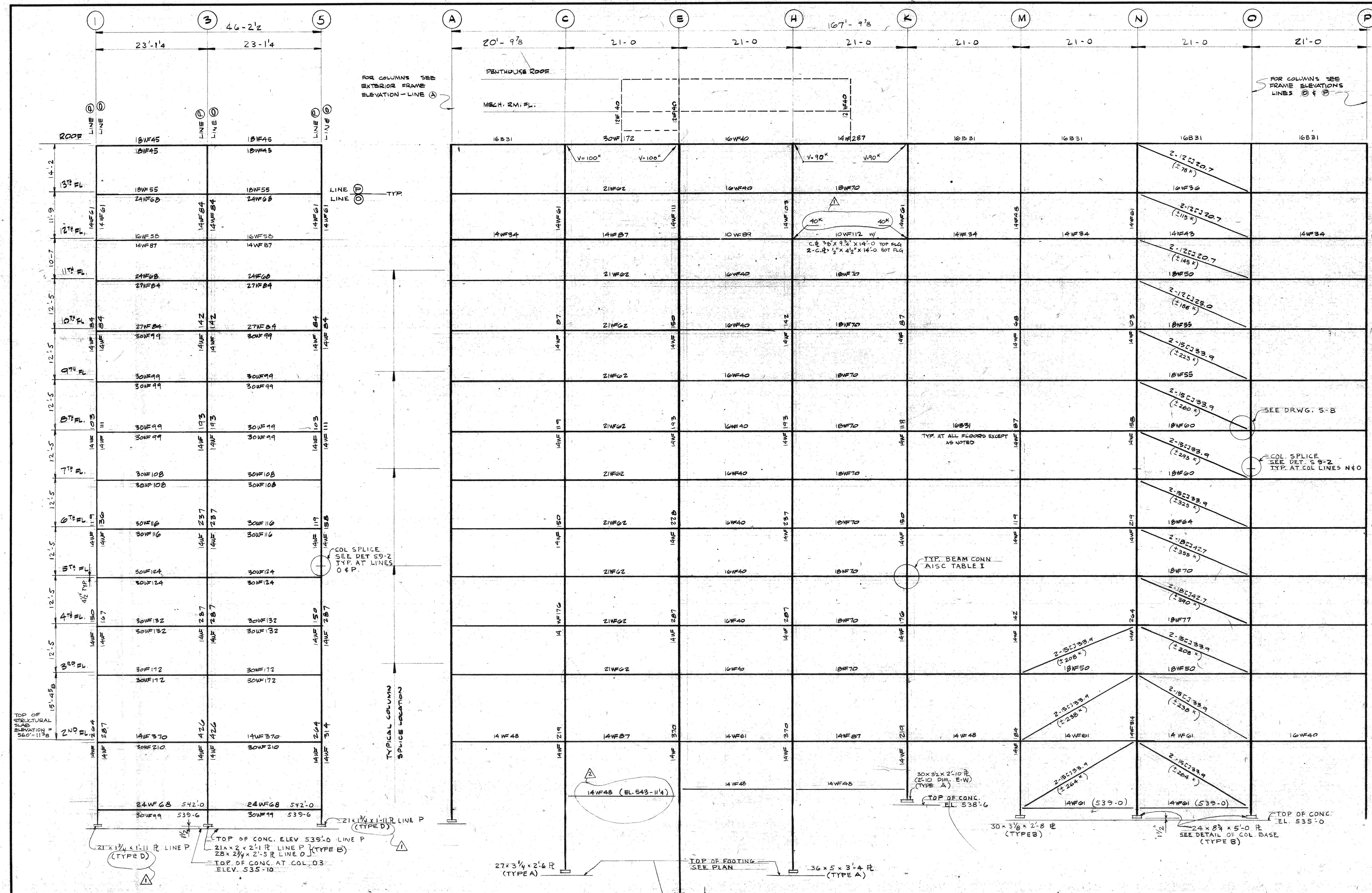
**EXTERIOR FRAME ELEVATION - LINE A**  
 FOR BASE & DETAILS (TYPE B), SEE SHEET S-14



SEE SHT S-8  
 COL. SPLICE  
 SEE DETAIL S9-2  
 TYP. ALL COLUMNS LINE A

9-7-66 BASE 14





**FRM. ELEVATION - LINES (O) & (P)**  
 MOMENT FRAME: FOR BEAM TO COLUMN AND COLUMN  
 SPlice DETAILS, SEE THIS SHEET.  
 FOR BASE R DETAILS (TYPE B), SEE SHEET S-14.

**EXTERIOR FRAME ELEVATION - LINE (S) (6)**  
 FOR BASE R DETAILS SEE SHEET S14.

I SECTION (DEVELOP  
 MOMENT CAPACITY OF  
 BEAM BEING CONNECTED)  
 FOR STIFFENER DETAILS  
 SEE TYPICAL BEAM CONNECTIONS  
 ABOVE.

**ALTERNATE BOLTED  
 MOMENT CONNECTION  
 ON LINES (O) & (P) AND  
 ON LINE (A)**

LOCATION	SHEAR CAPACITY
FRAMES O & P: GROUND FLOOR & 2 <sup>ND</sup> FLOOR 3 <sup>RD</sup> FLOOR THRU 5 <sup>TH</sup> FLOOR 6 <sup>TH</sup> FLOOR THRU ROOF	132 k 79 k 66 k
FRAME A: 0 <sup>TH</sup> FLOOR THRU ROOF	66 k

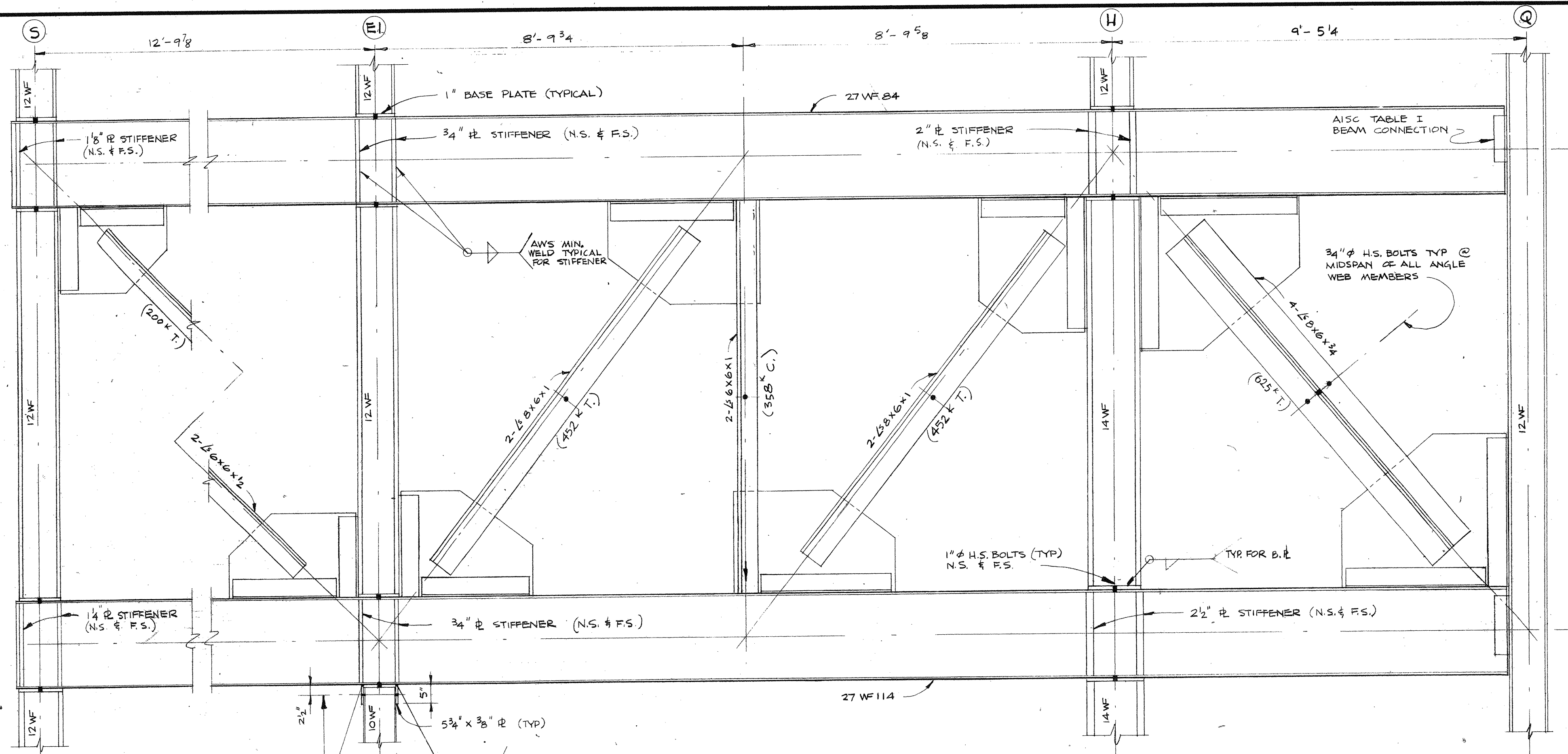
1-1-68 SHEAR REACTIONS + BASE R  
 10-21-68 RM BLSV

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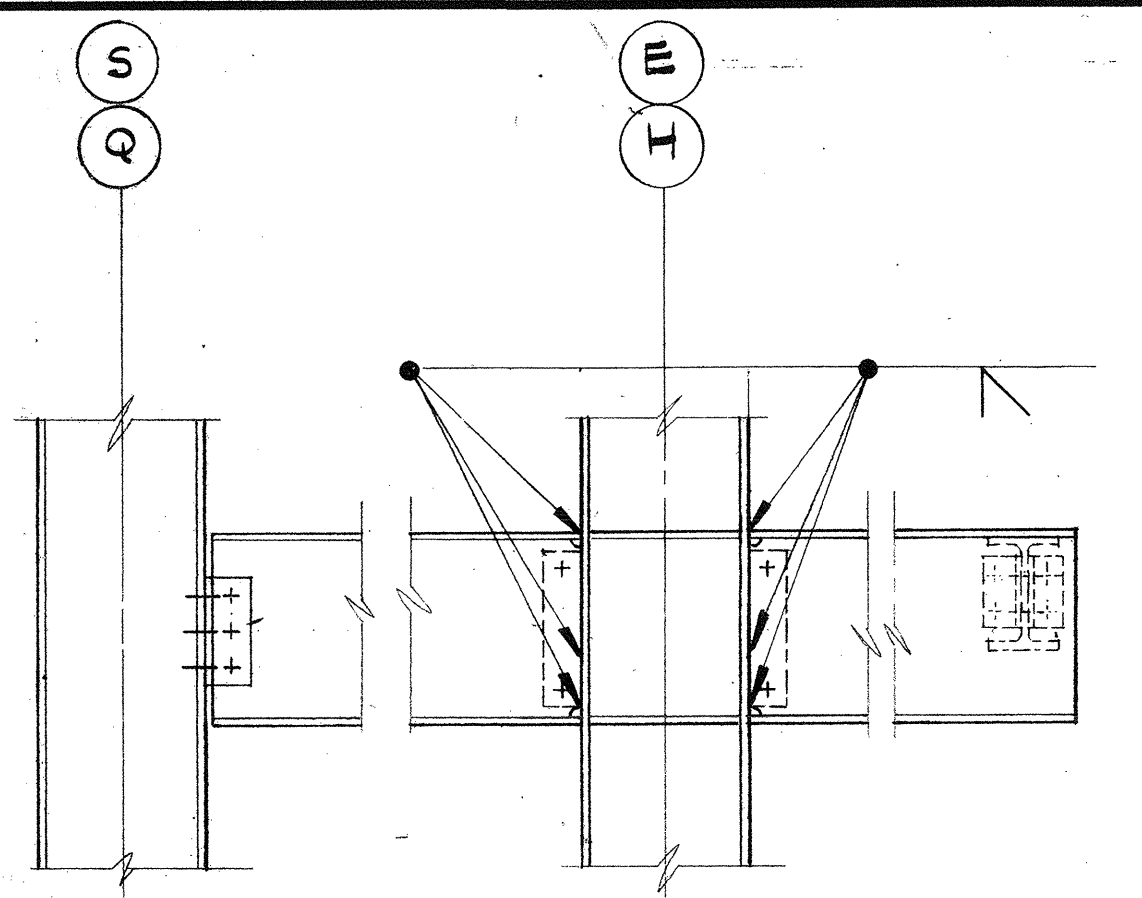
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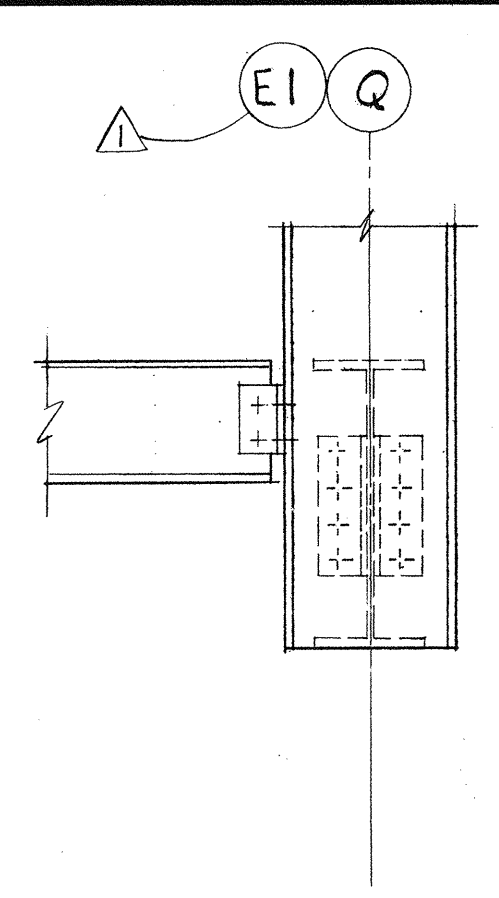




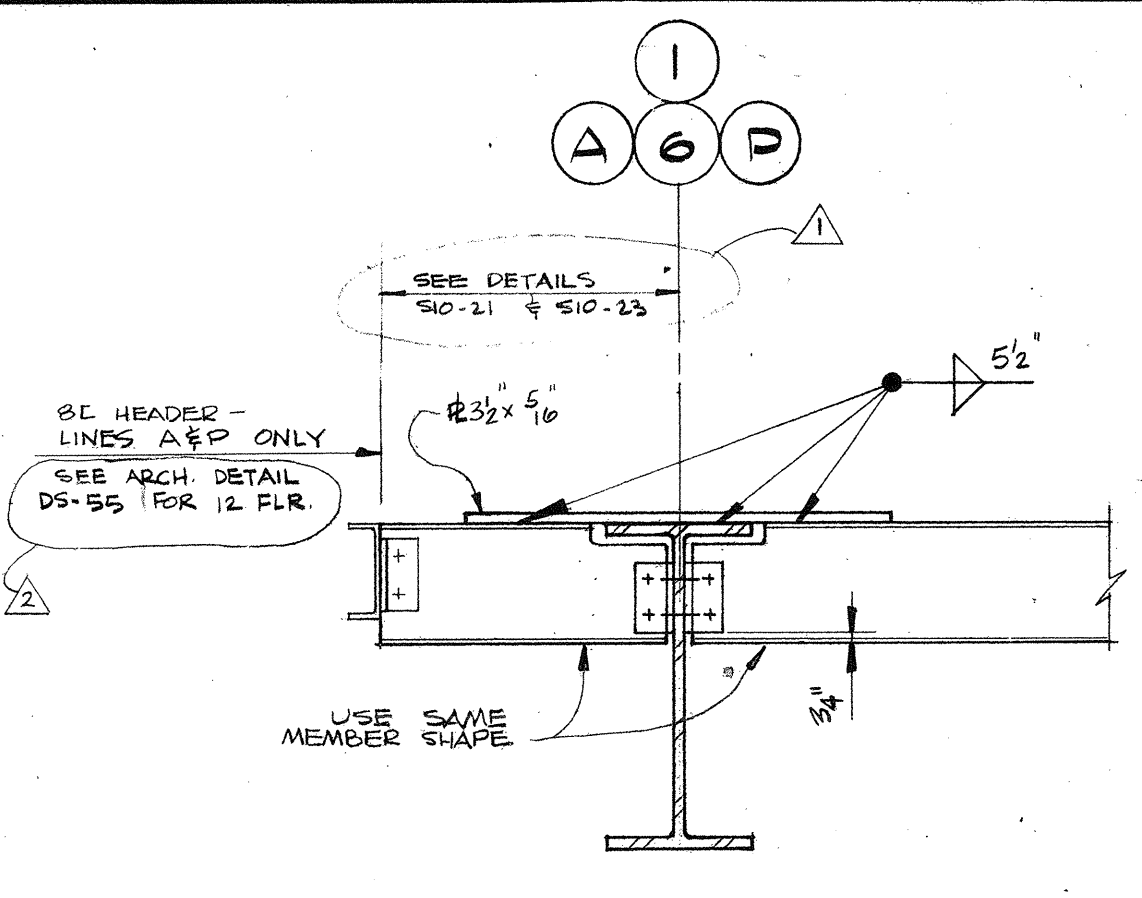
SECTION SIO-1  
SCALE 3/4" = 1'-0"



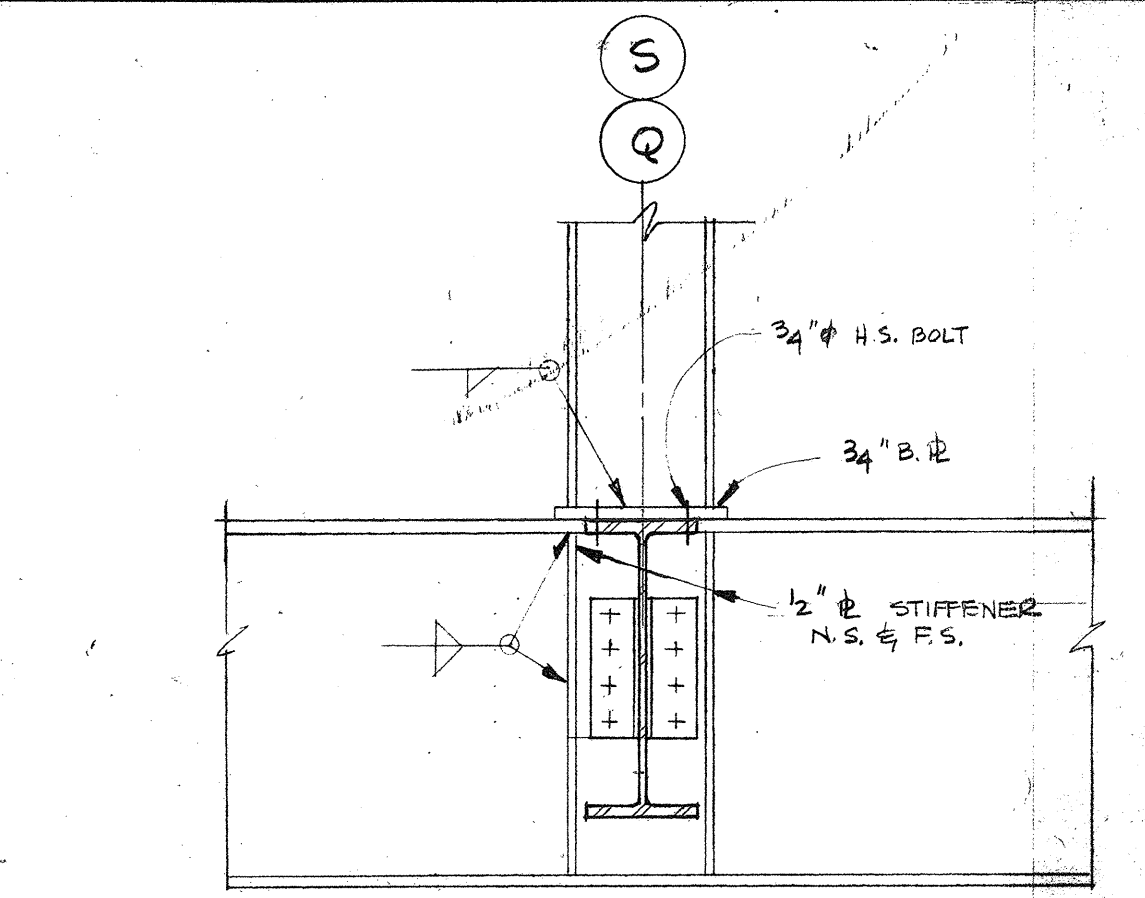
DETAIL SIO-9  
SCALE 3/4" = 1'-0"



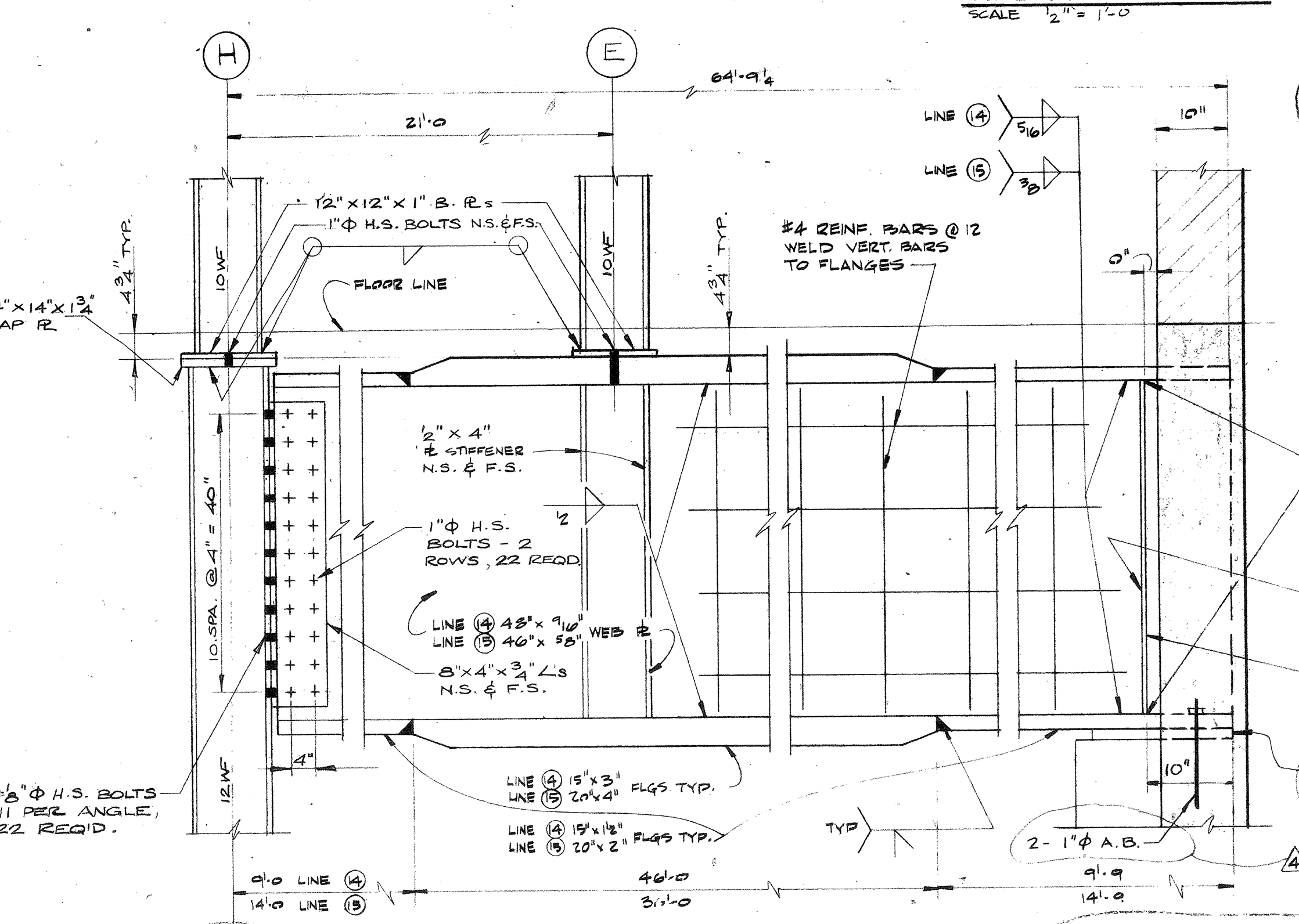
DETAIL SIO-10  
SCALE 3/4" = 1'-0"



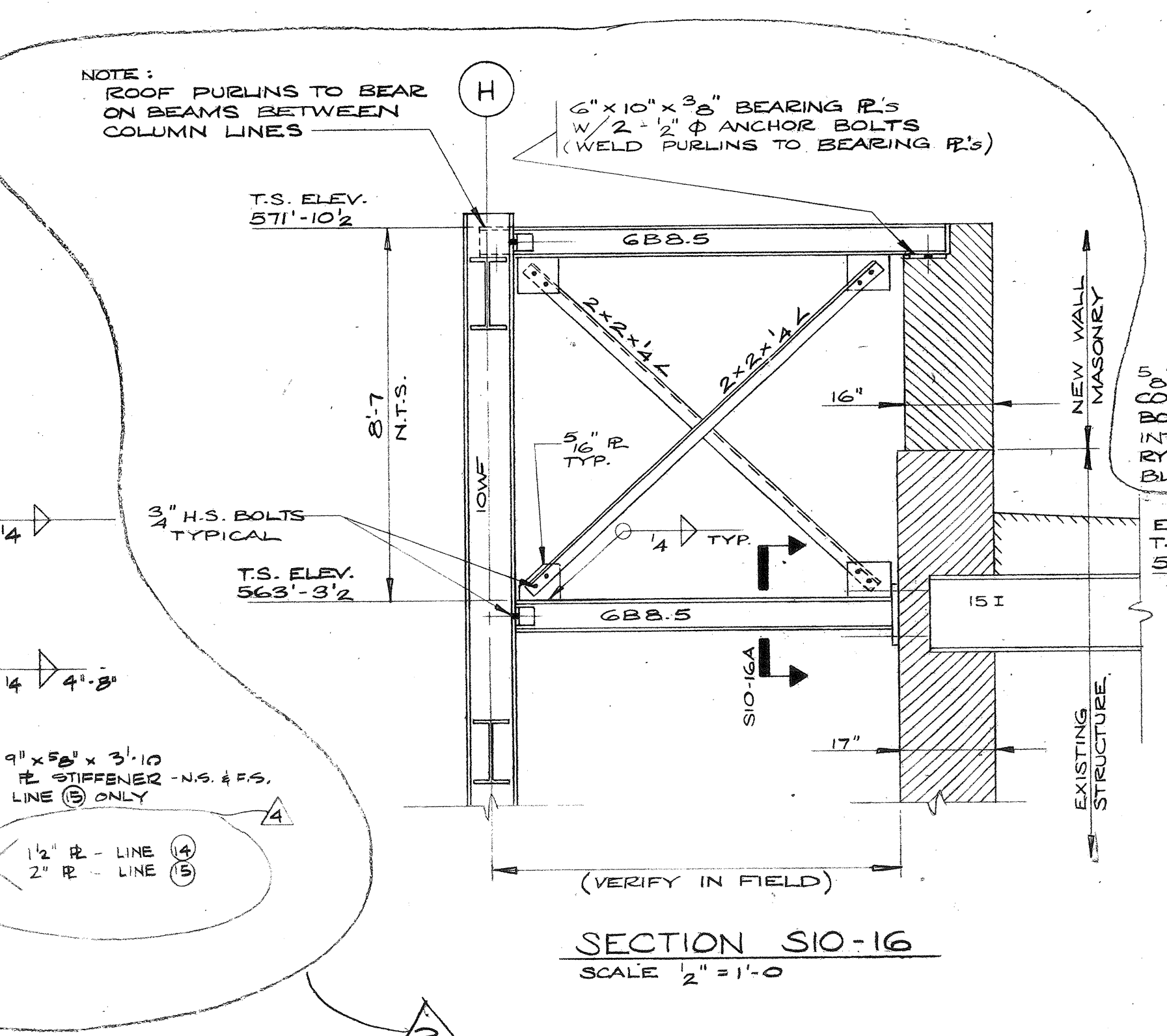
DETAIL SIO-11  
SCALE 3/4" = 1'-0"



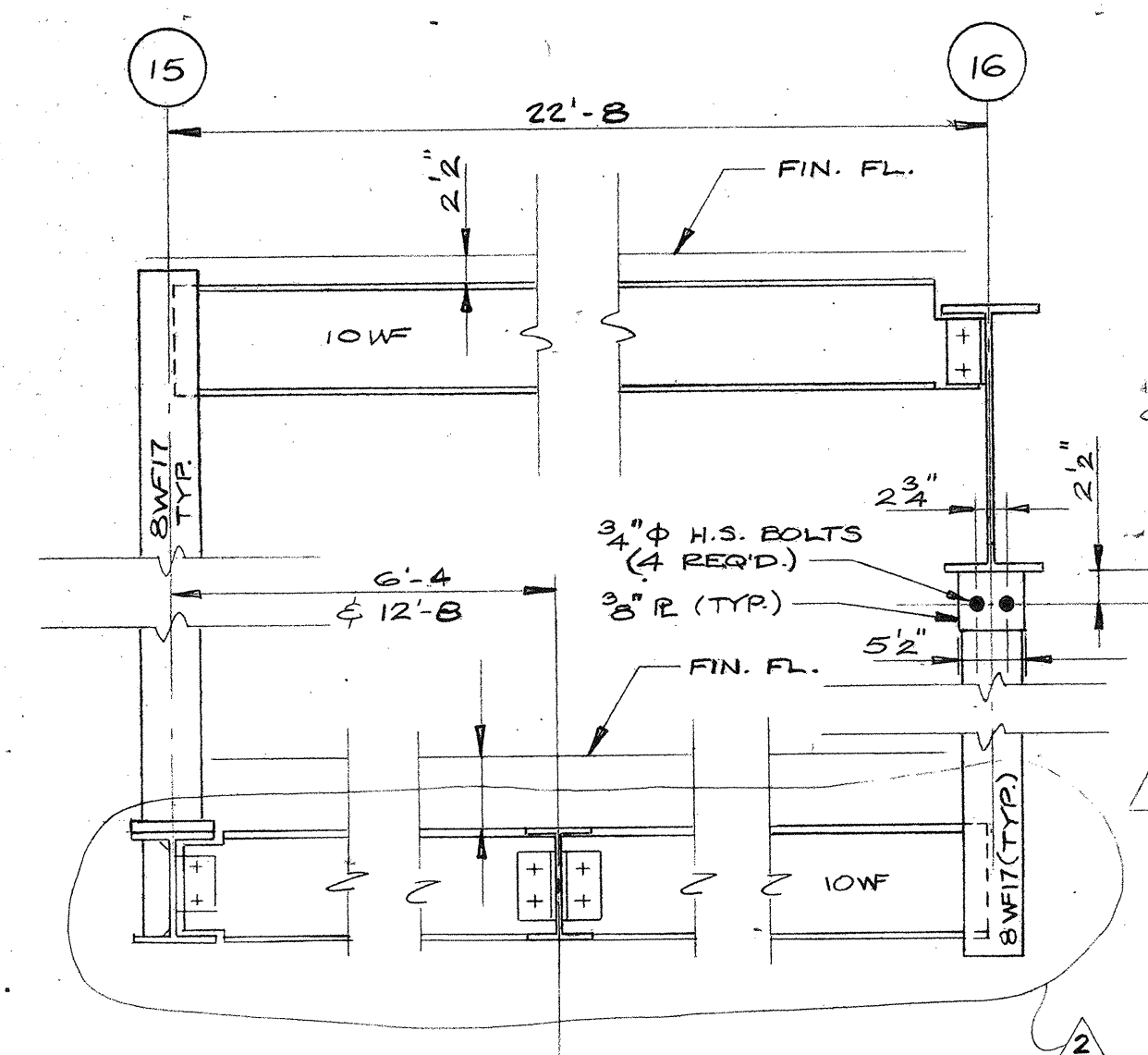
DETAIL SIO-12  
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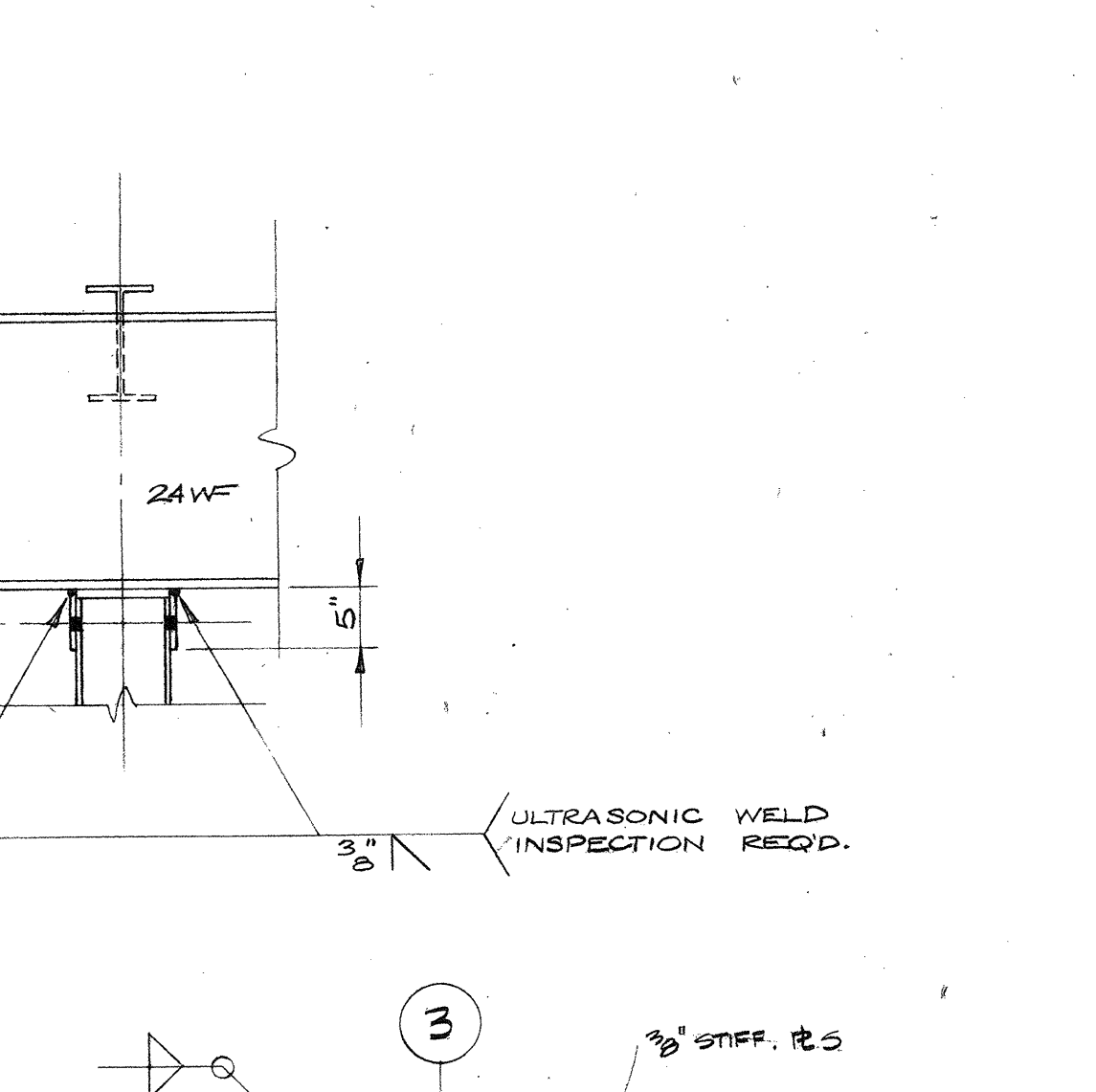
SECTION SIO-13A LINE (H)  
SCALE 3/4" = 1'-0"



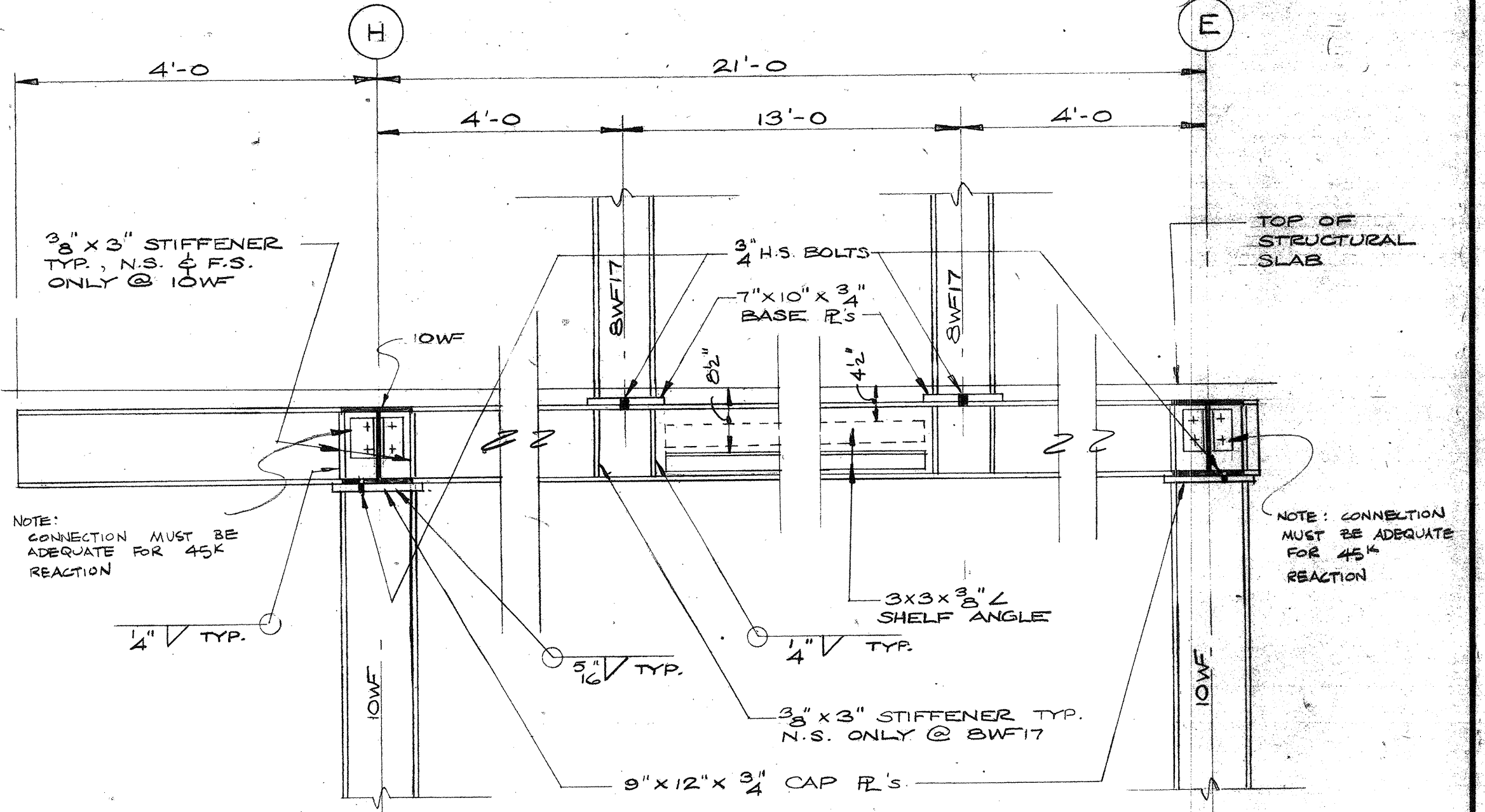
SECTION SIO-16  
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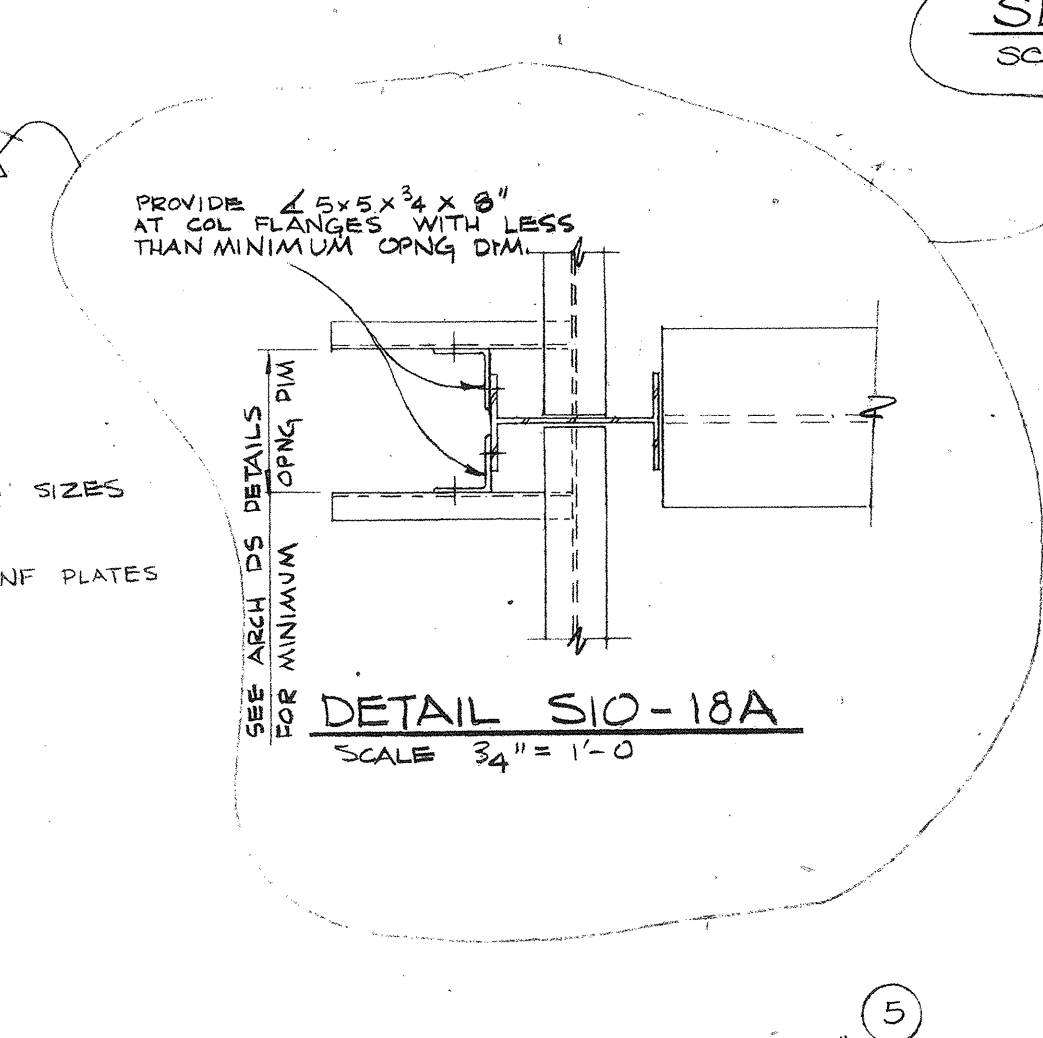
SECTION SIO-14  
SCALE 3/4" = 1'-0"



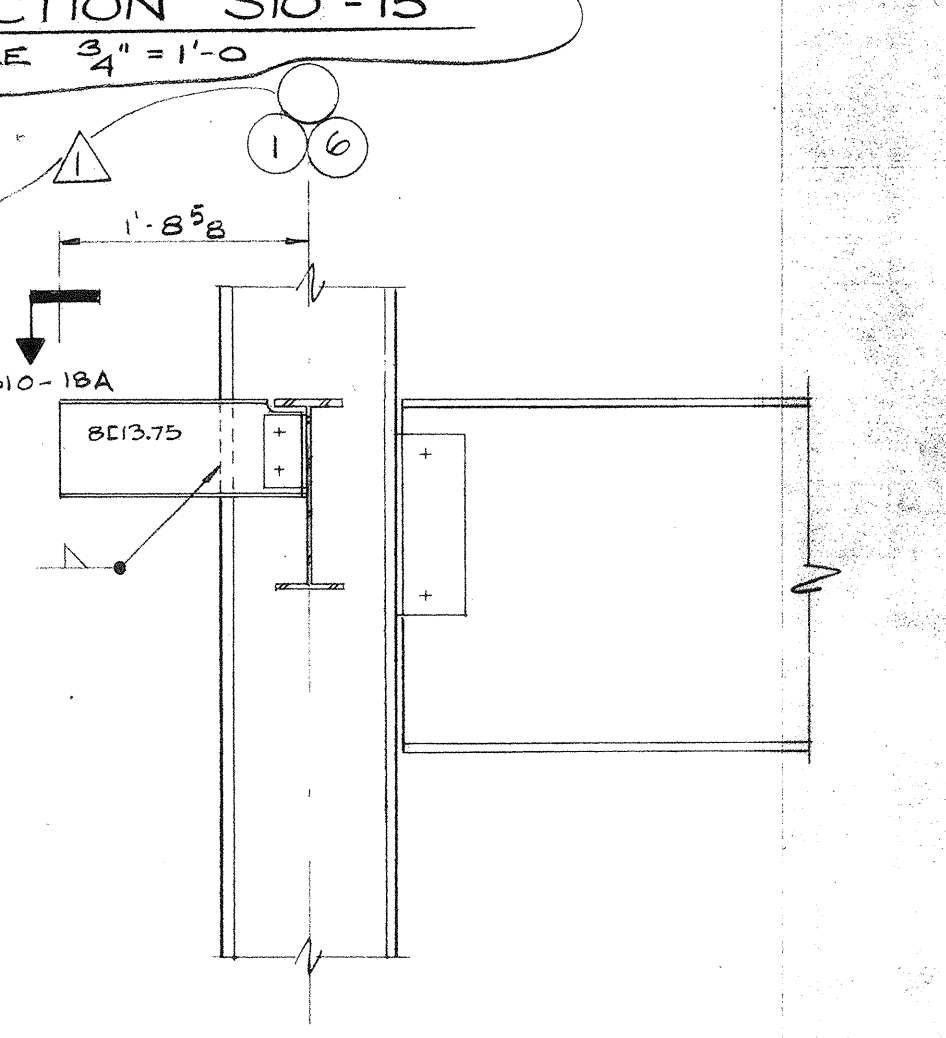
SECTION SIO-16A  
SCALE 3/4" = 1'-0"



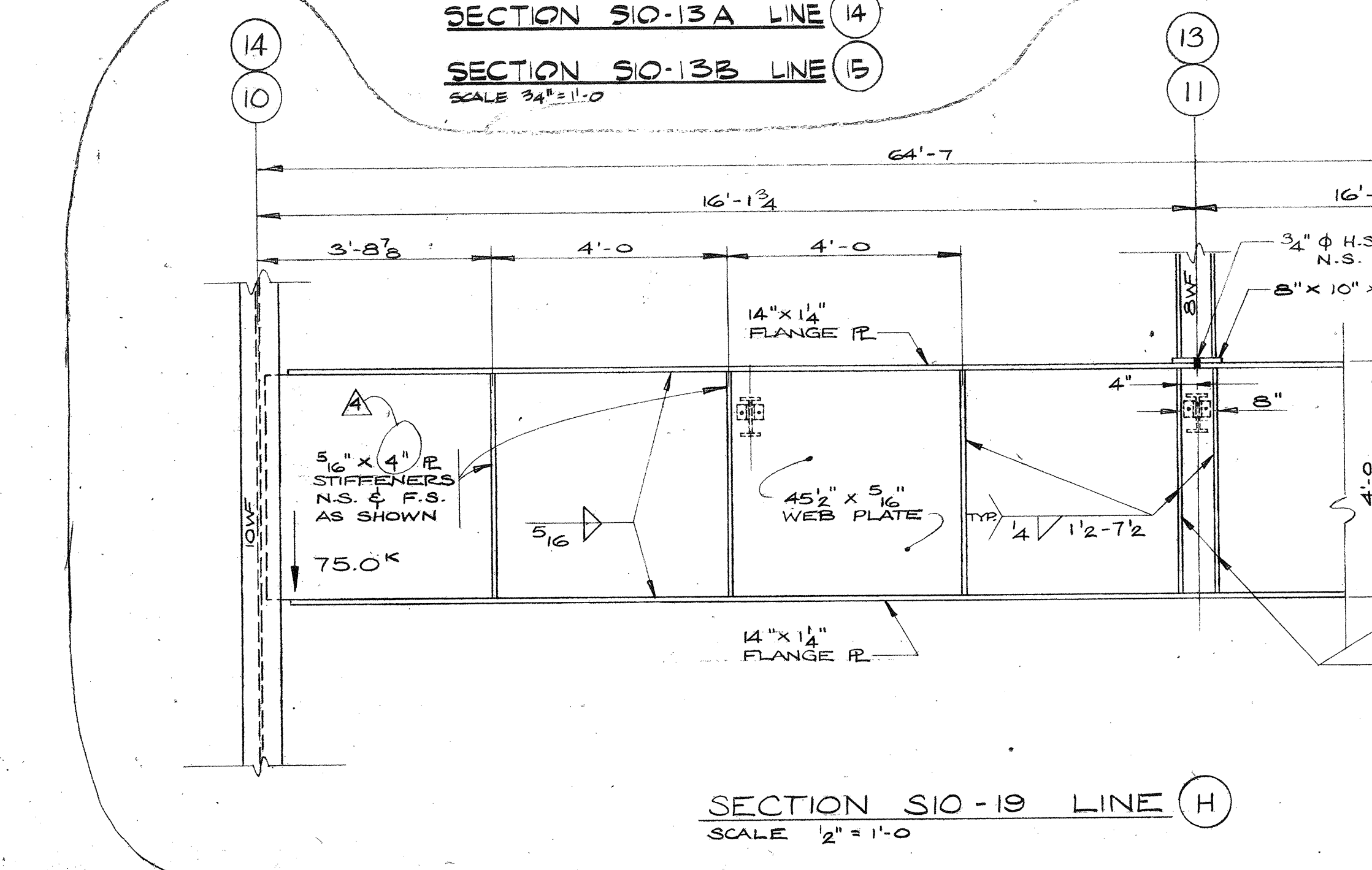
SECTION SIO-15  
SCALE 3/4" = 1'-0"



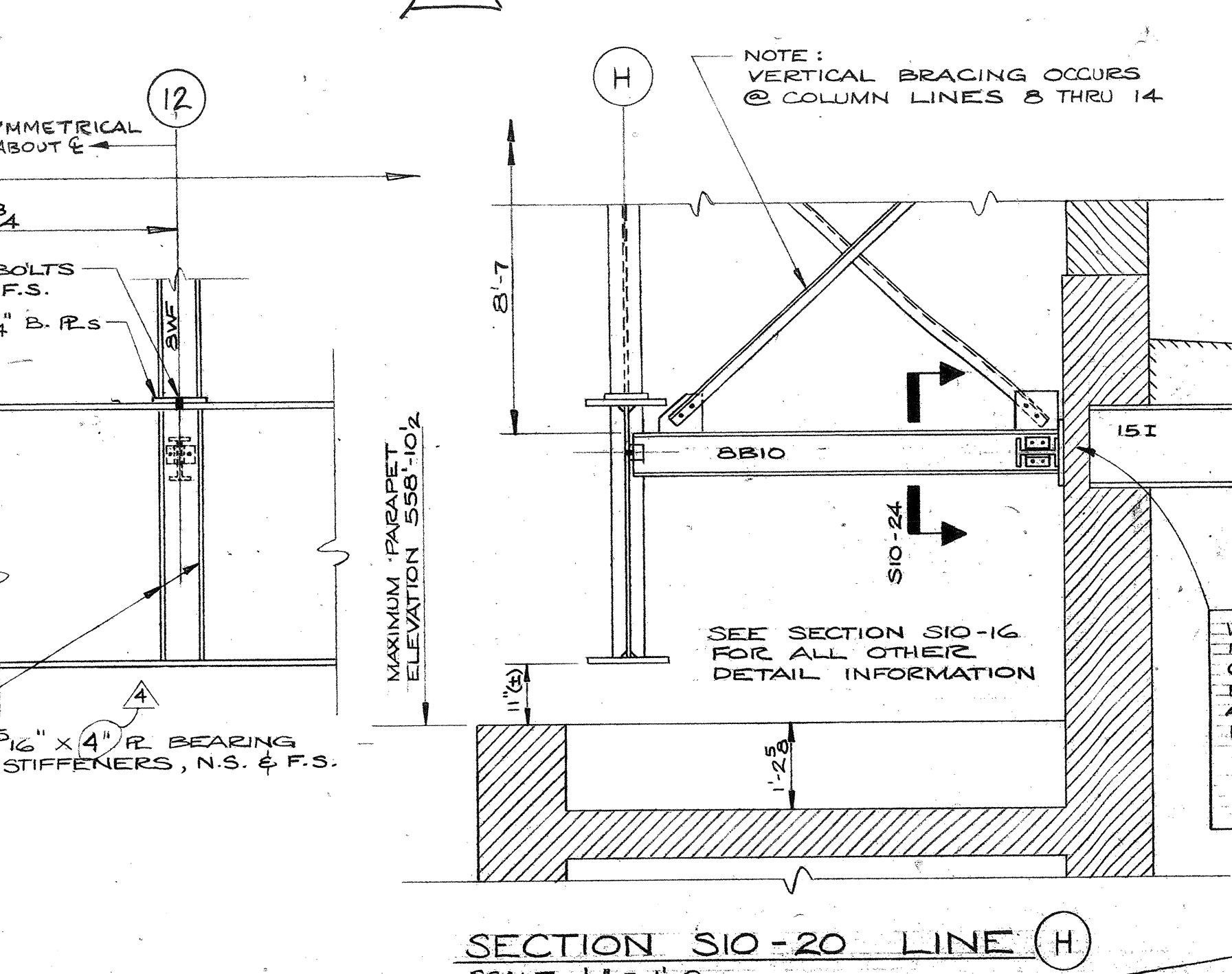
DETAIL SIO-18A  
SCALE 3/4" = 1'-0"



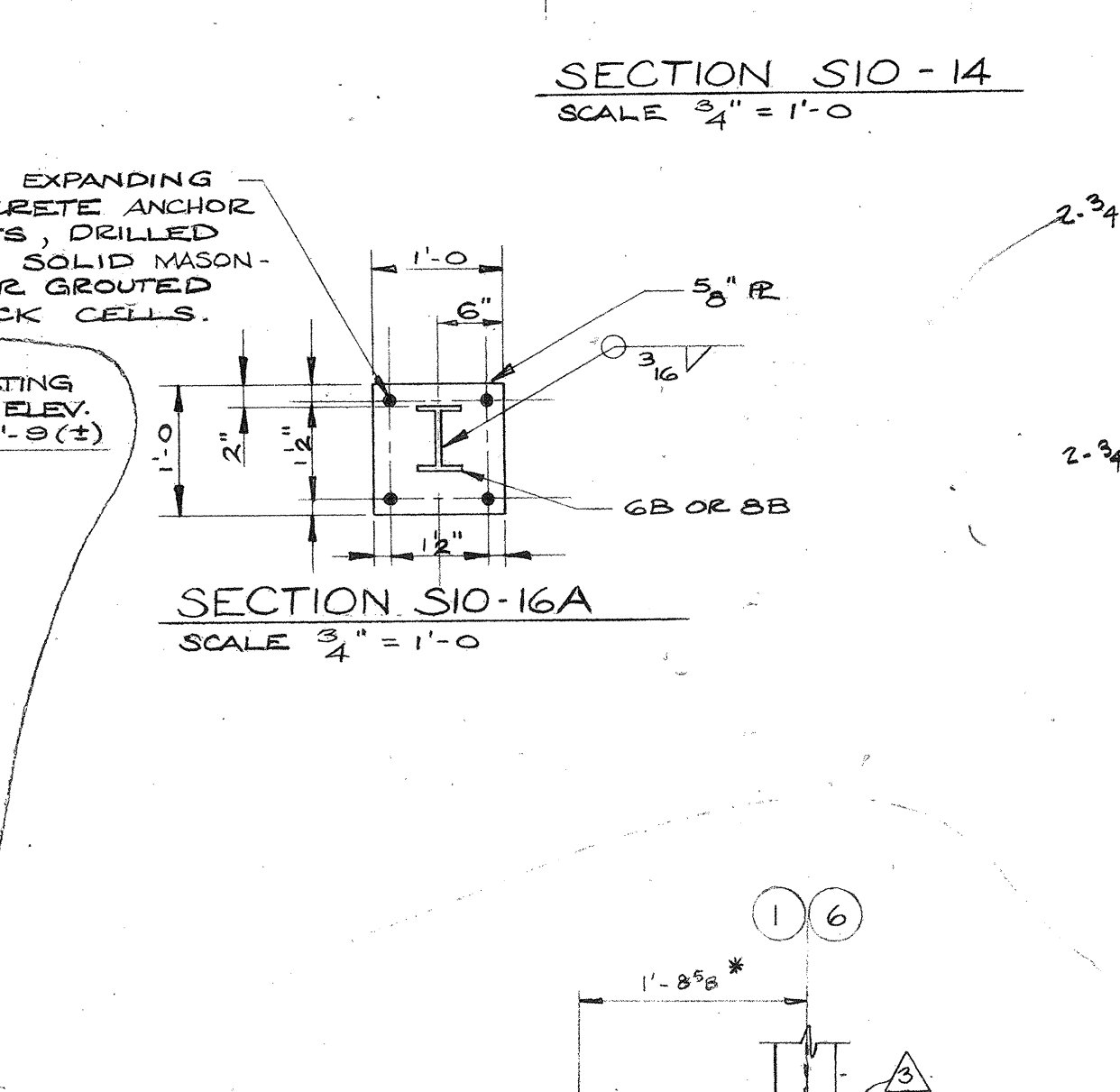
DETAIL SIO-18  
SCALE 3/4" = 1'-0"



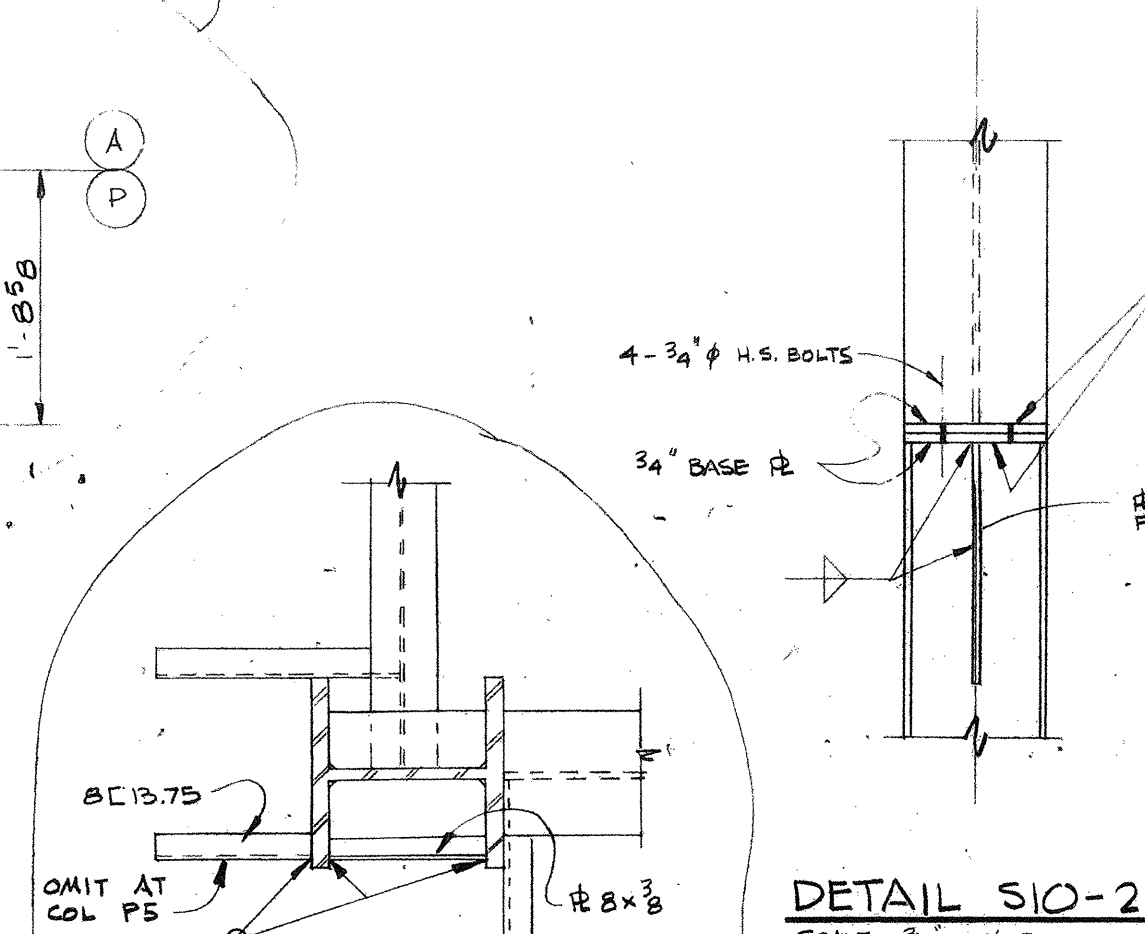
SECTION SIO-19 LINE (H)  
SCALE 3/4" = 1'-0"



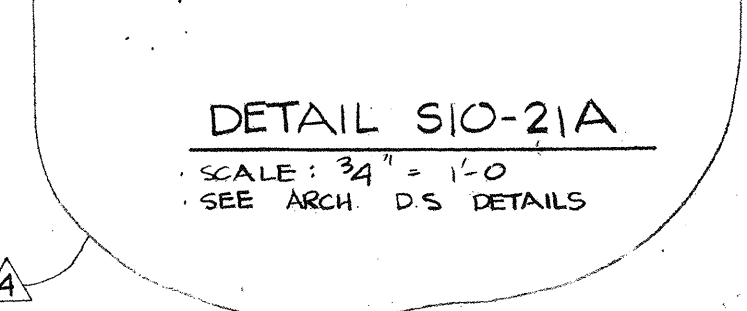
SECTION SIO-20 LINE (H)  
SCALE 3/4" = 1'-0"



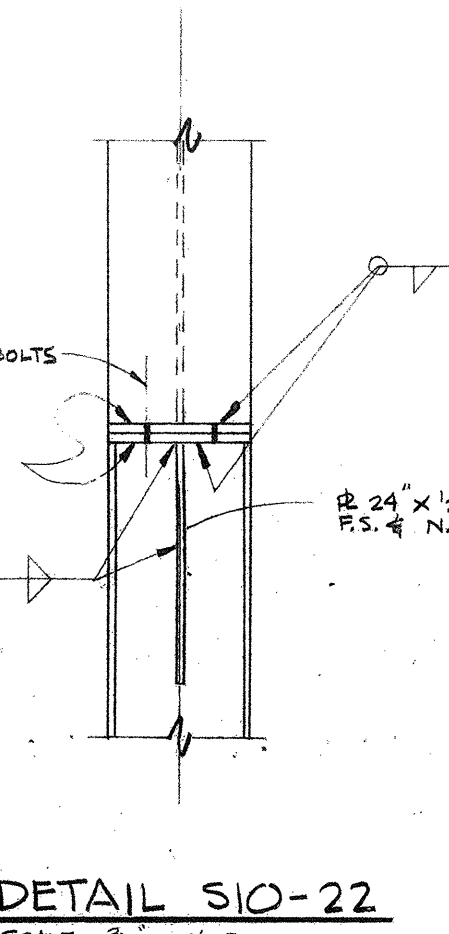
DETAIL SIO-17  
SCALE 3/4" = 1'-0"



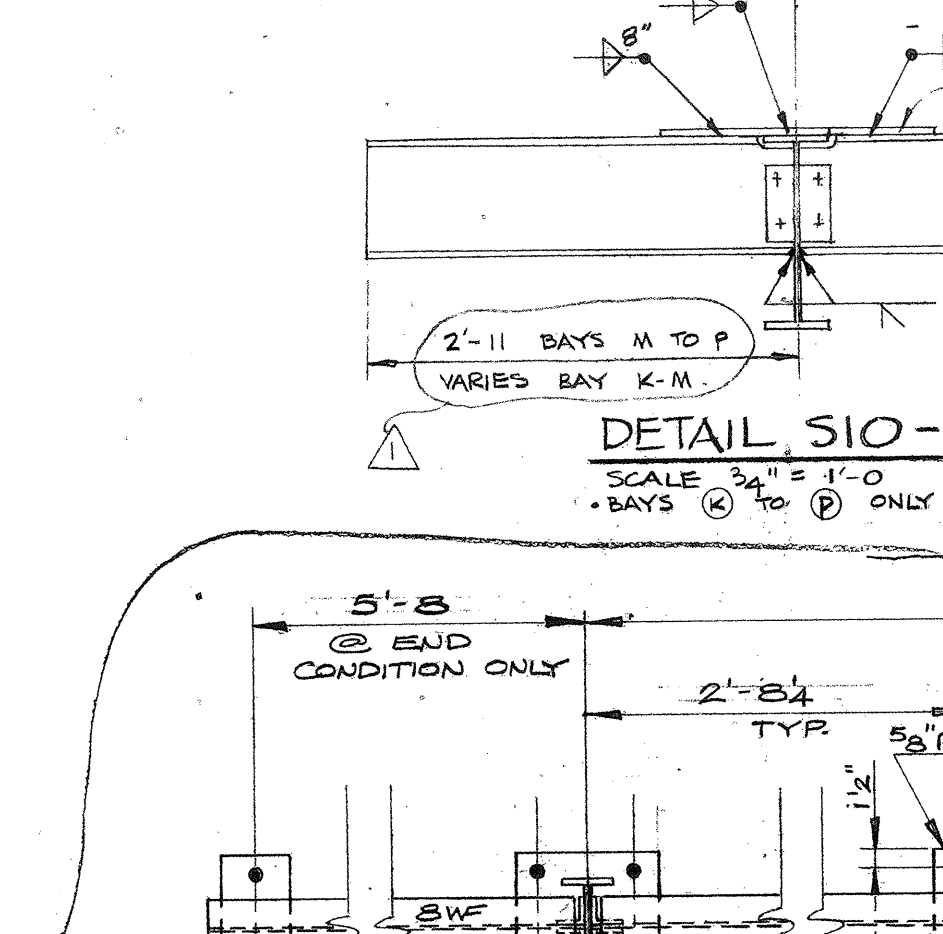
DETAIL SIO-21  
SCALE 3/4" = 1'-0"



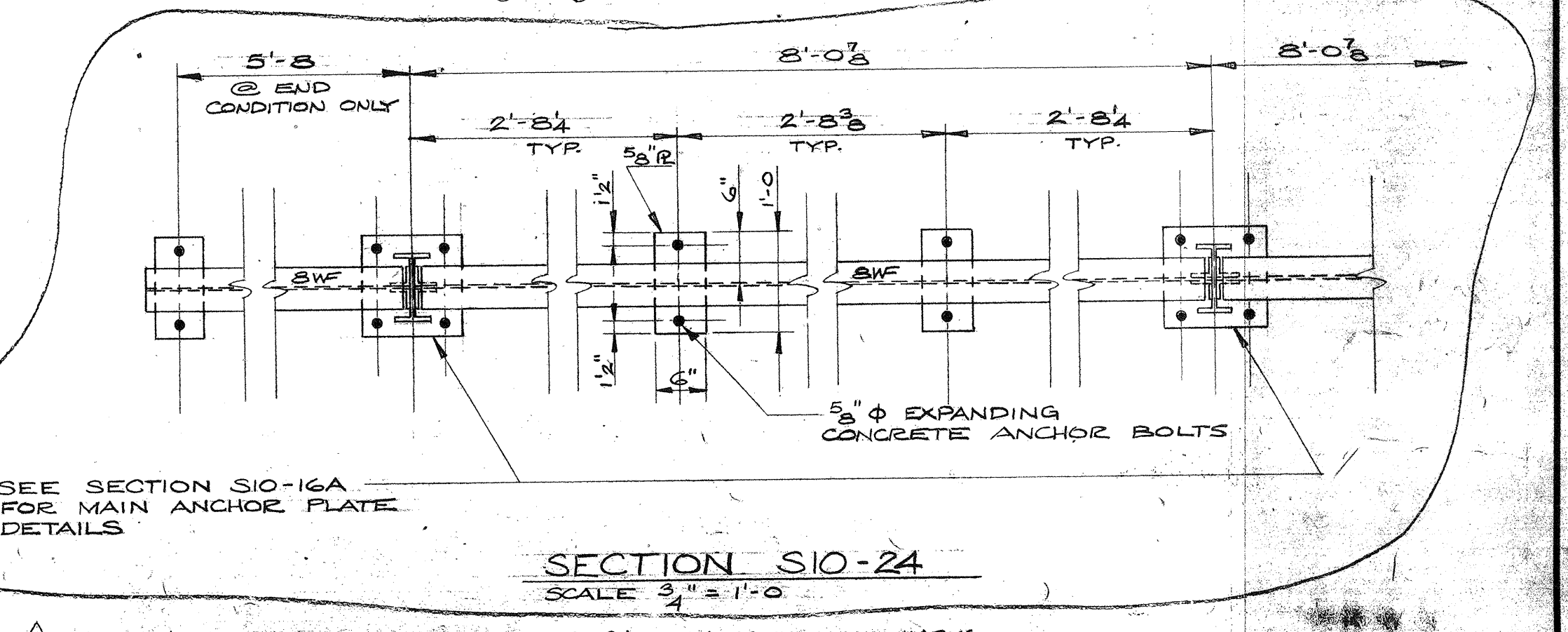
DETAIL SIO-21A  
SCALE 3/4" = 1'-0"



DETAIL SIO-22  
SCALE 3/4" = 1'-0"



DETAIL SIO-23  
SCALE 3/4" = 1'-0"



SECTION SIO-24  
SCALE 3/4" = 1'-0"

1-13-04 ANKOR BOLT & STIFFENER PLATE; OUTRIGGER DETAILS

10-29-08 SEC. SIO-16, 19, 20, & 24

9-9-08 SEC. SIO-14 & DET. SIO-11

8-21-08 OUTRIGGER DETAIL SIO-21, SIO-18A, DIMENSIONS, COL. MARKS

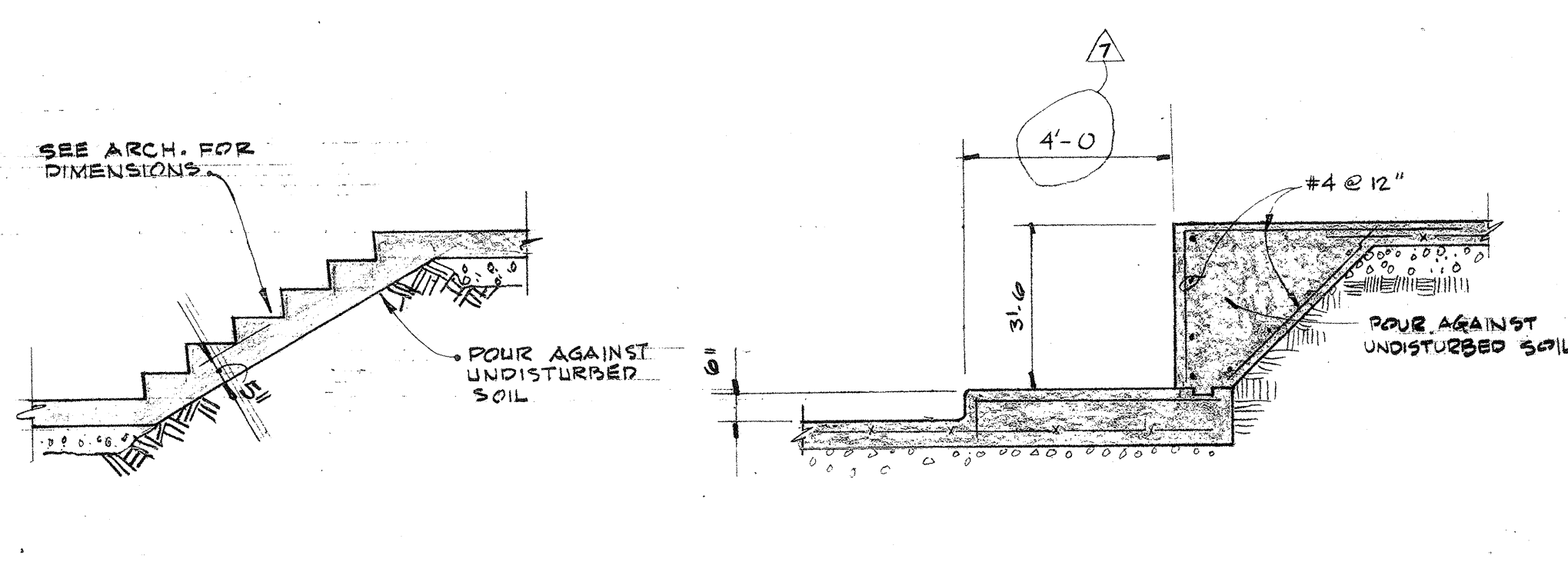
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CINCINNATI, OHIO

HARRY WEESE & ASSOCIATES  
architects & engineers  
chicago  
THE ENGINEERS COLLABORATIVE  
structural engineers  
chicago  
COSENTINI ASSOCIATES  
consulting engineers  
chicago

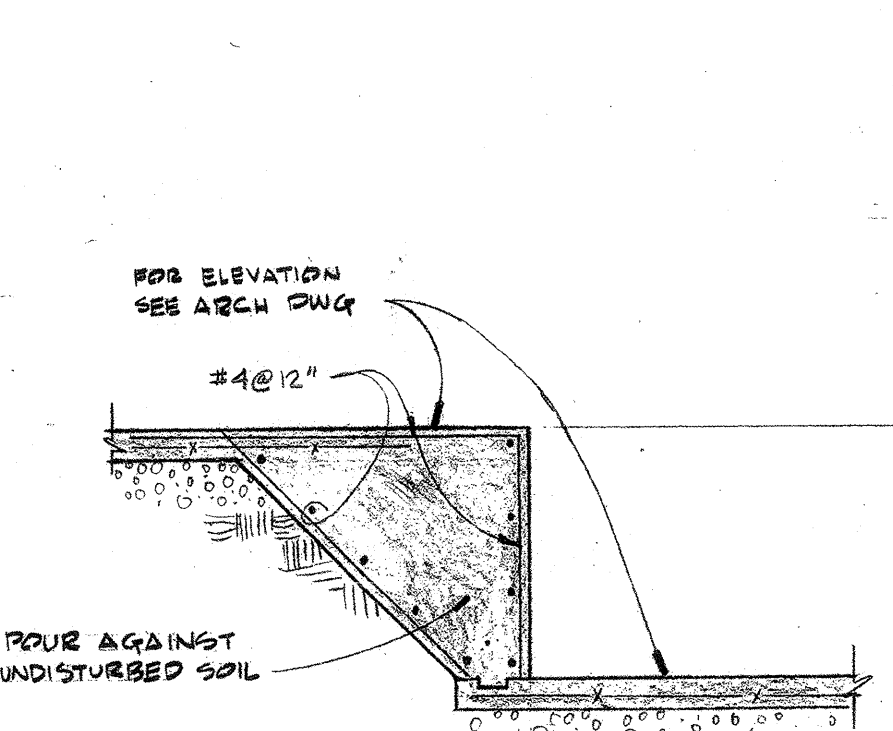
300-55 531-B  
Issue Date: JULY 22, 1968  
Checked  
Approved for Architect  
Approved for Owner

510

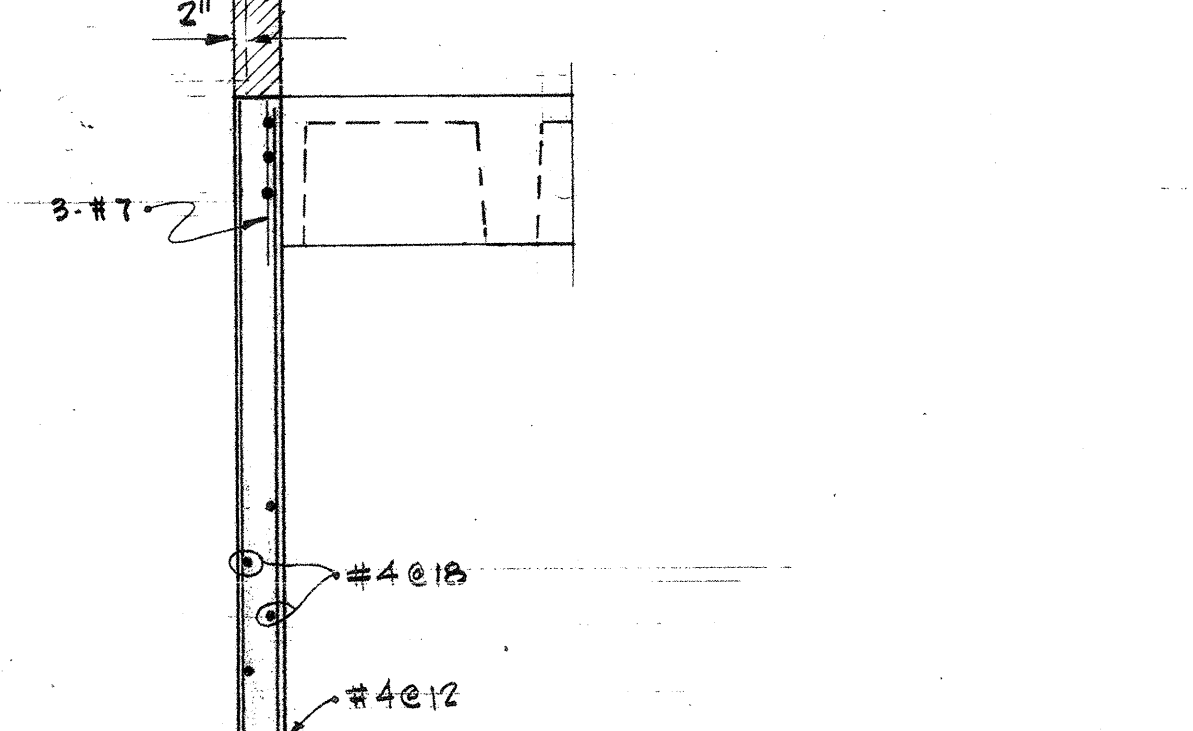




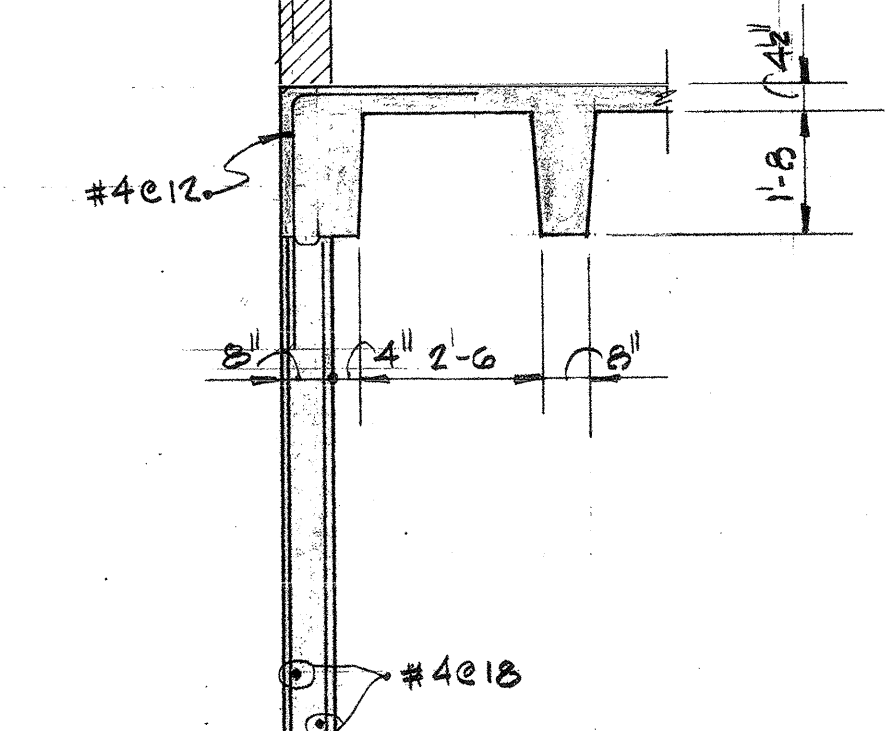
SECTION S11-1 (TYPICAL)  
SCALE: 3/4" = 1'-0"



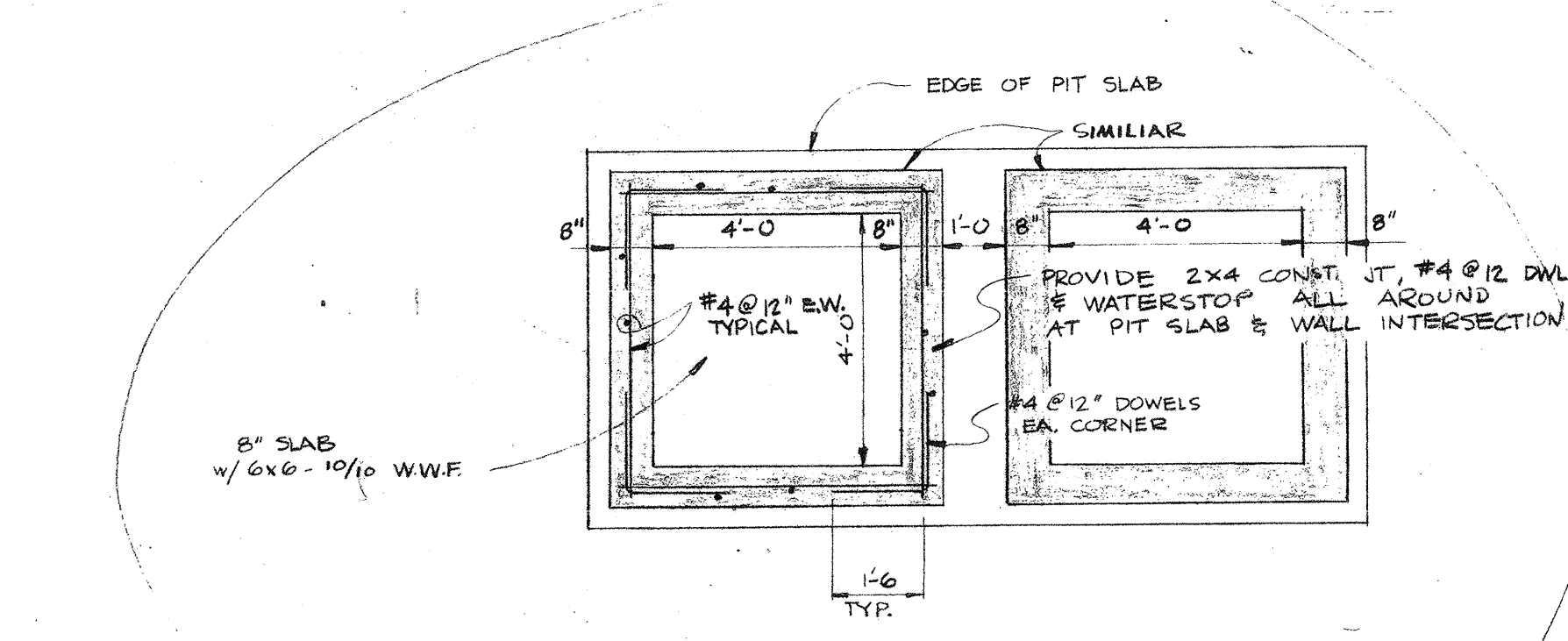
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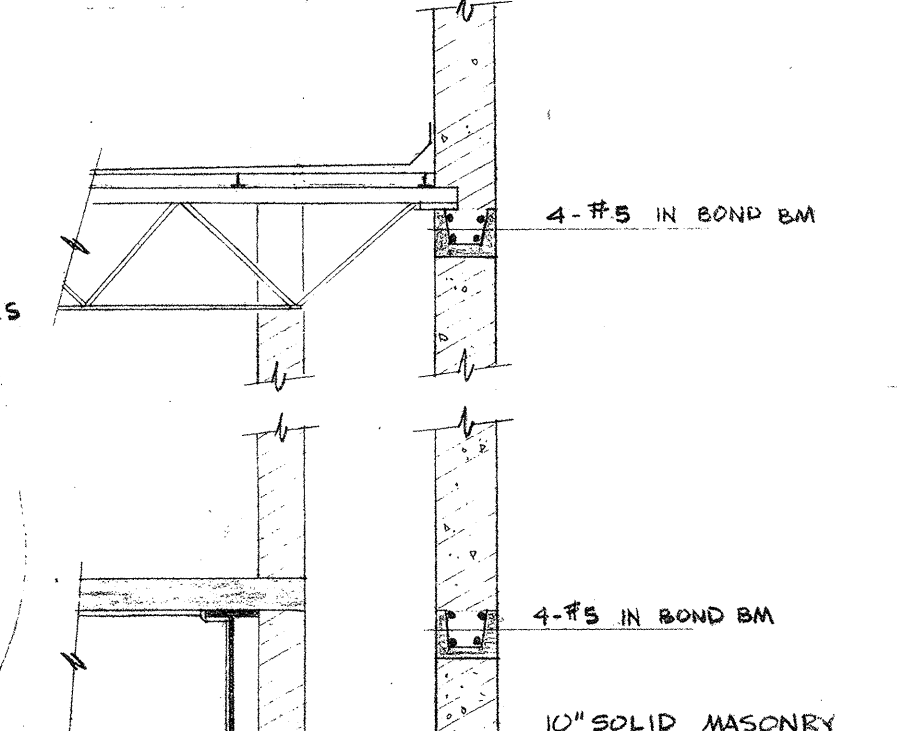
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SCALE: 3/4" = 1'-0"



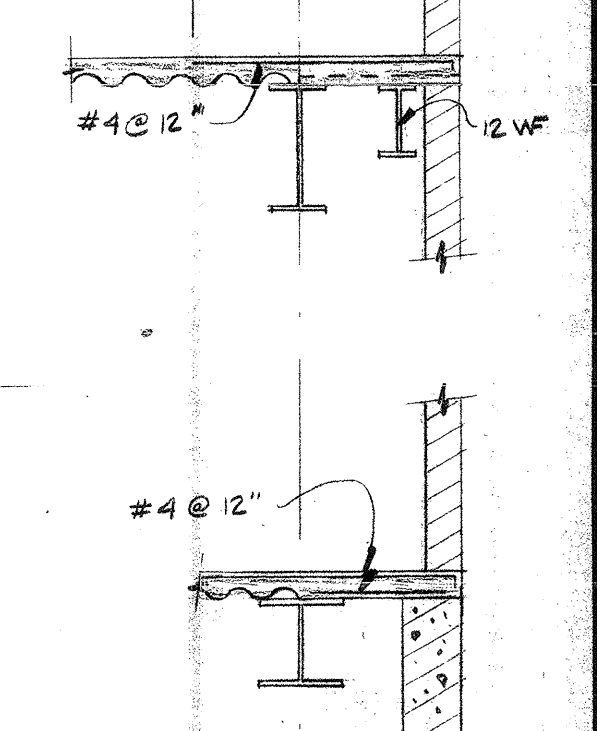
SECTION S11-4  
SCALE: 3/4" = 1'-0"



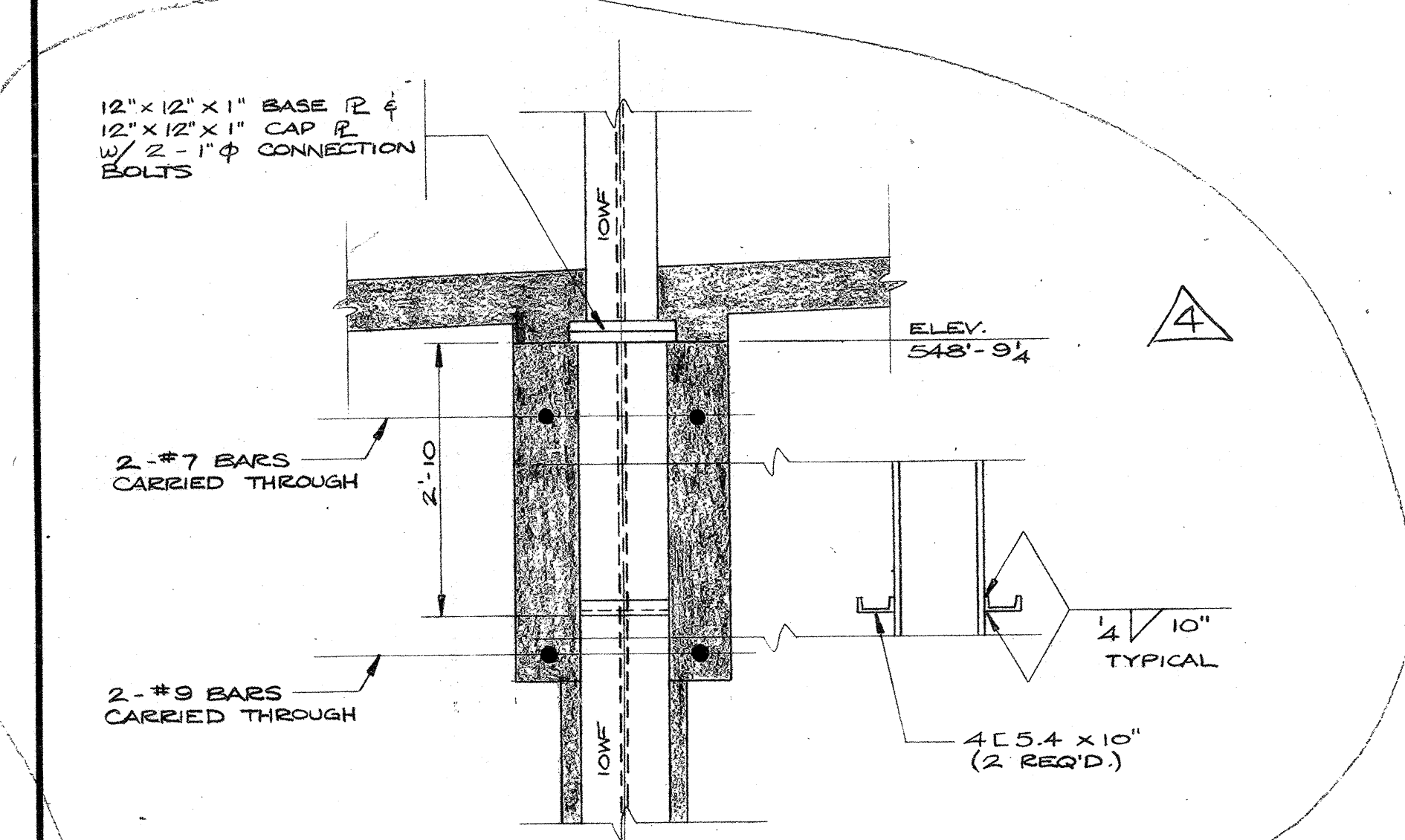
DETAIL S11-33  
SCALE: 3/4" = 1'-0"  
SEE MECH DRINGS FOR LOCATION & RT ELEVATIONS  
SEE FINISHING SPECS.



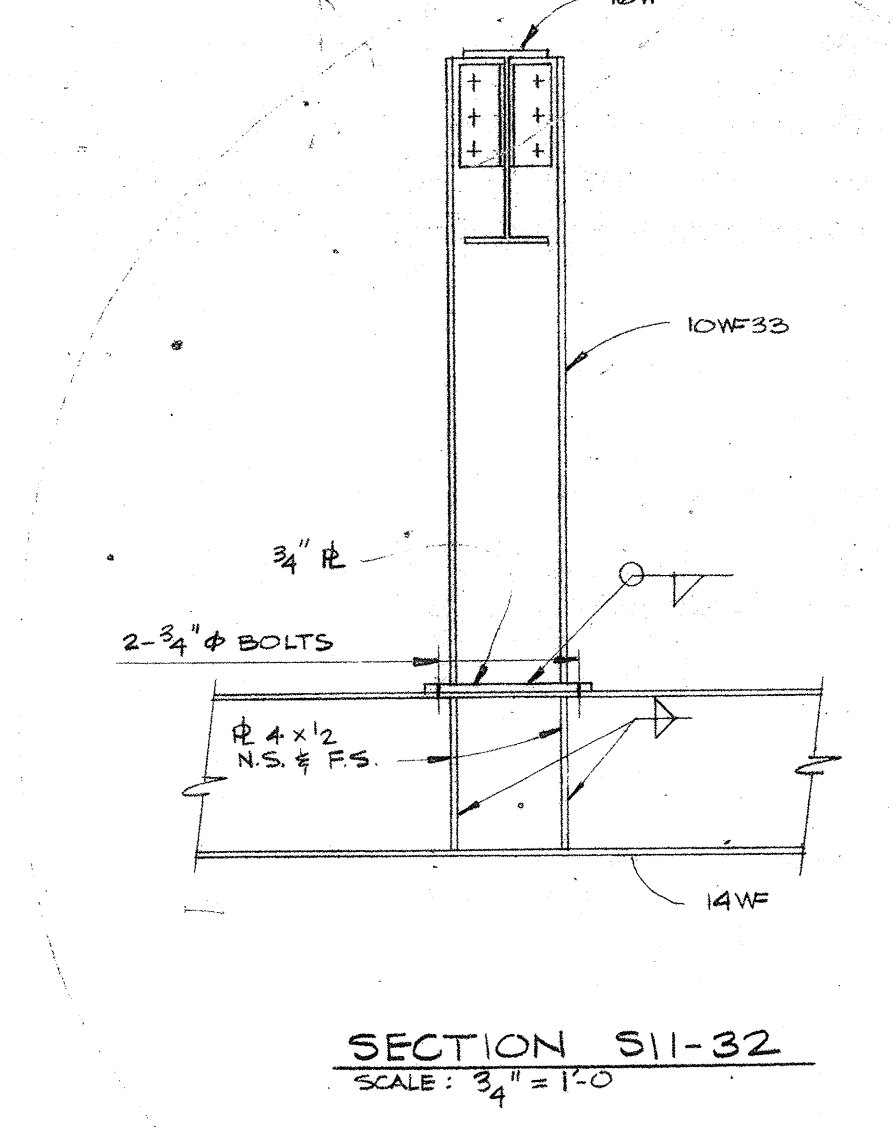
SECTION S11-35  
SCALE: 3/4" = 1'-0"



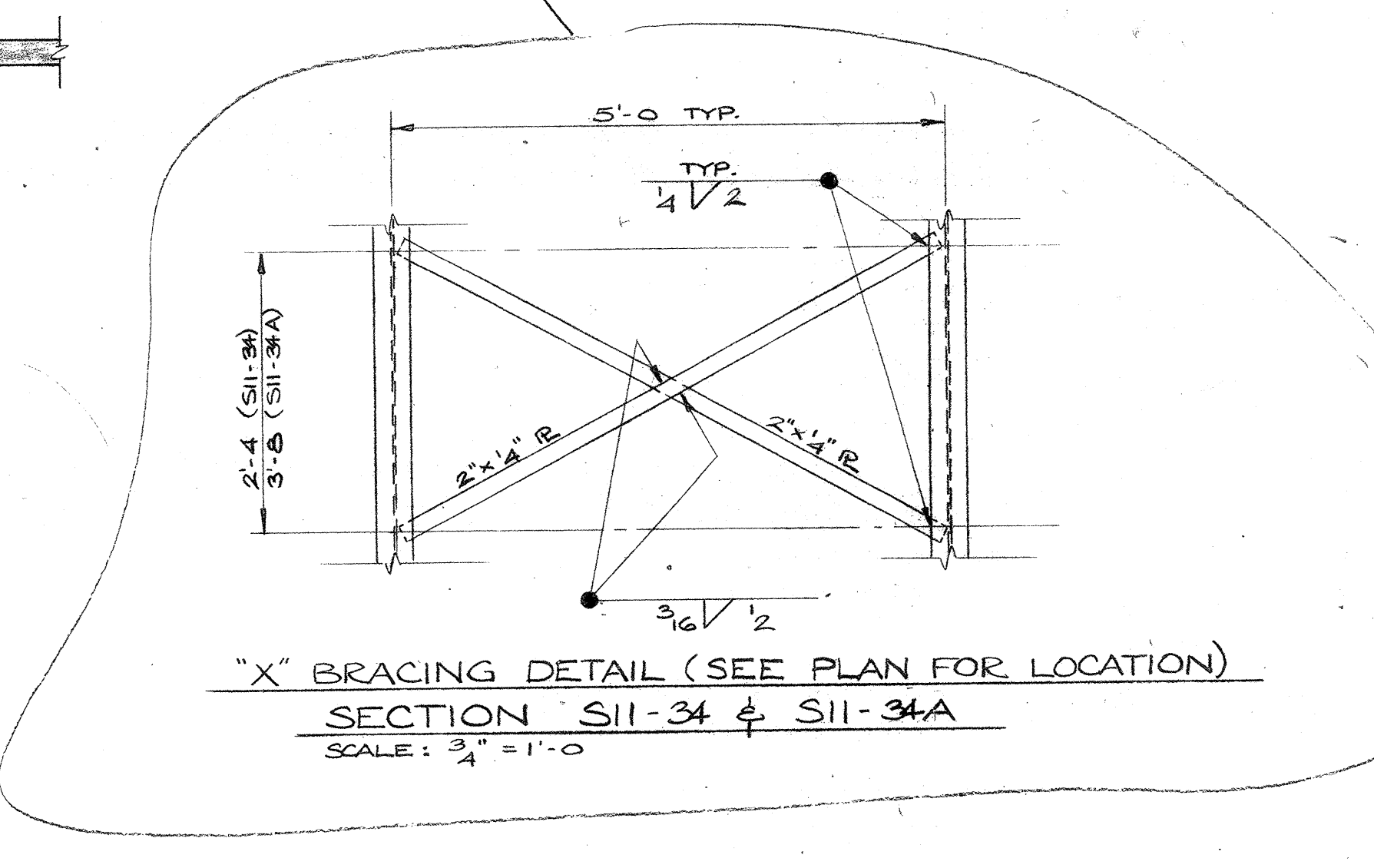
SECTION S11-35A  
SCALE: 3/4" = 1'-0"



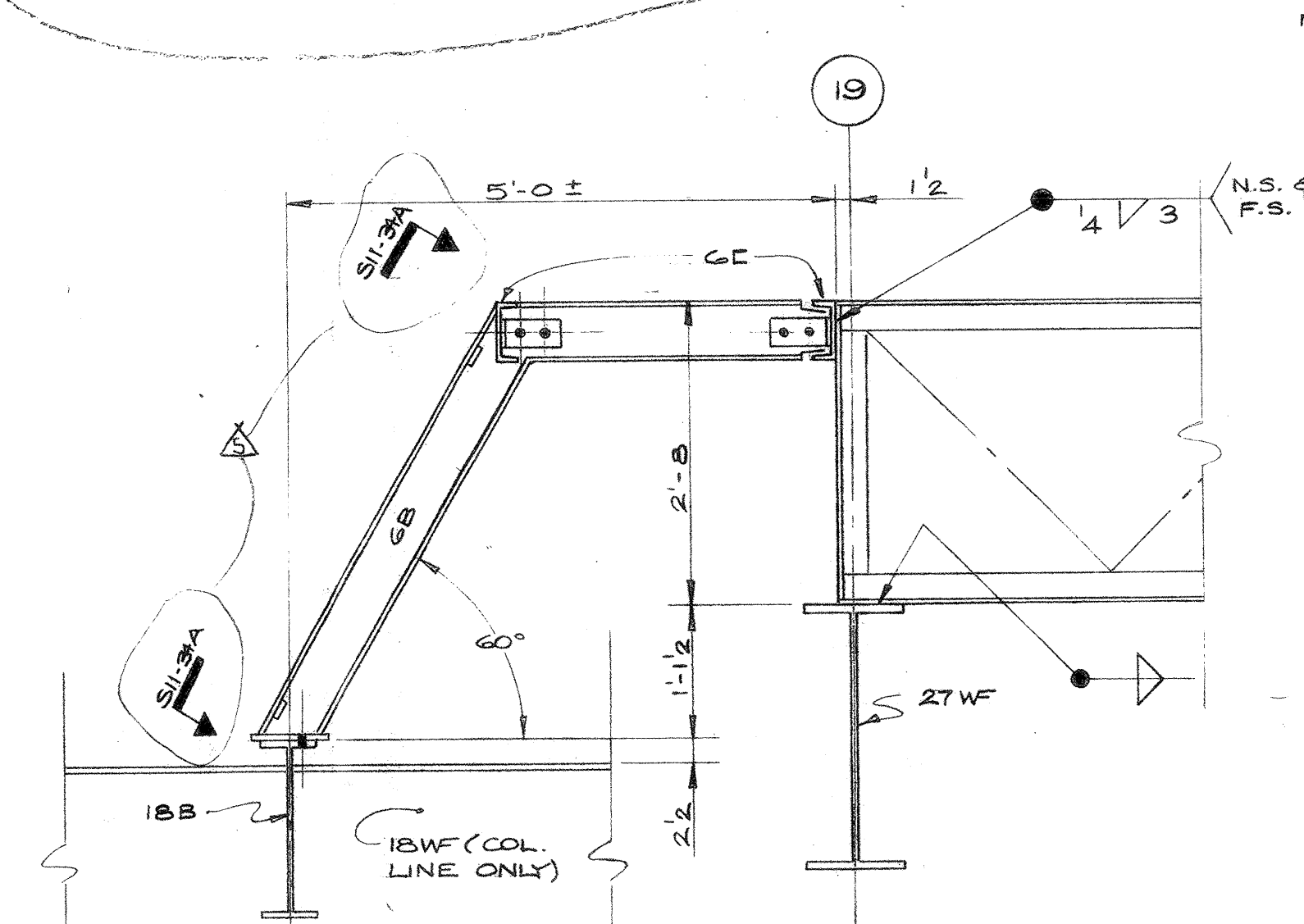
SECTION S11-31  
SCALE: 3/4" = 1'-0"



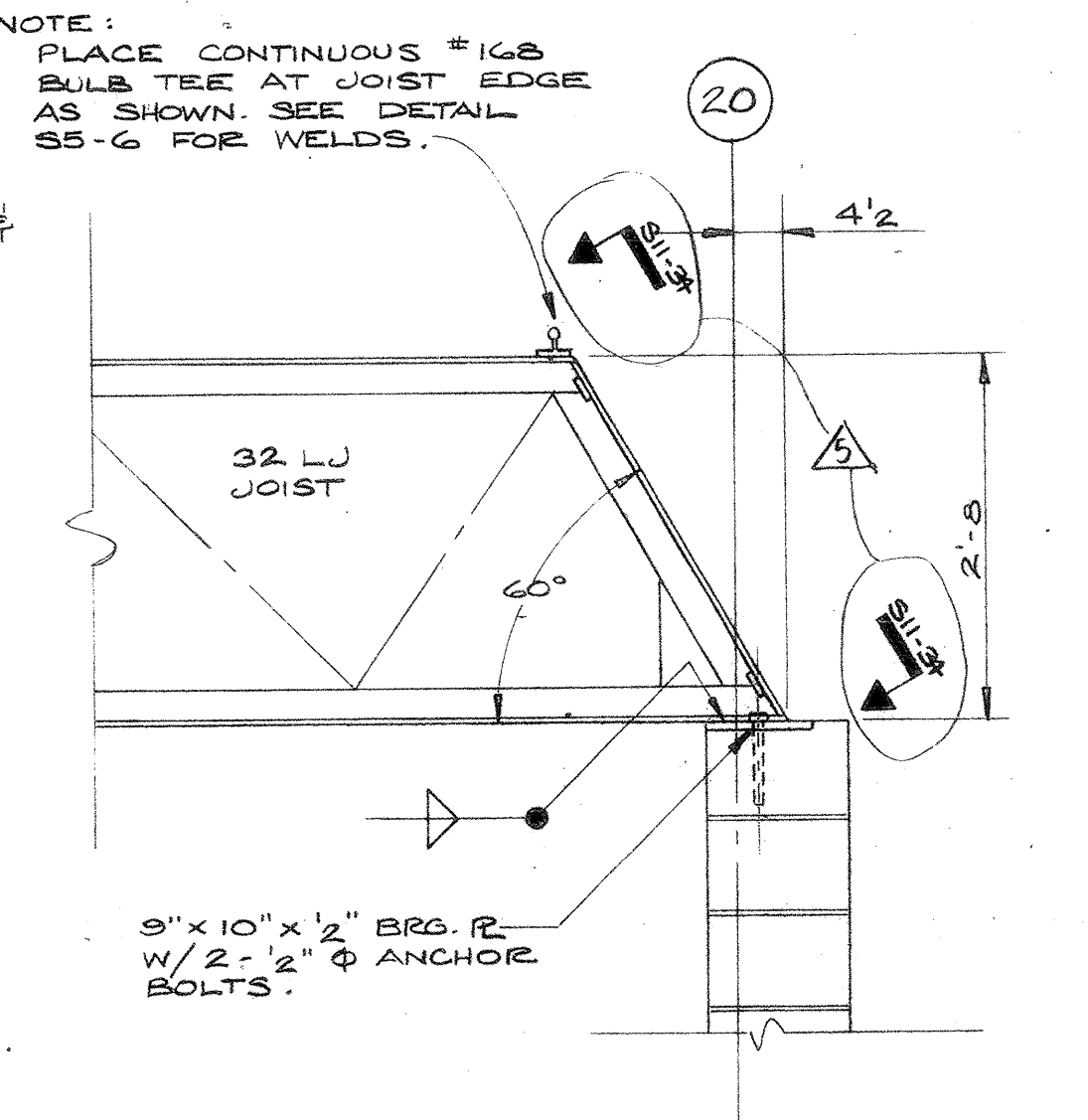
SECTION S11-32  
SCALE: 3/4" = 1'-0"



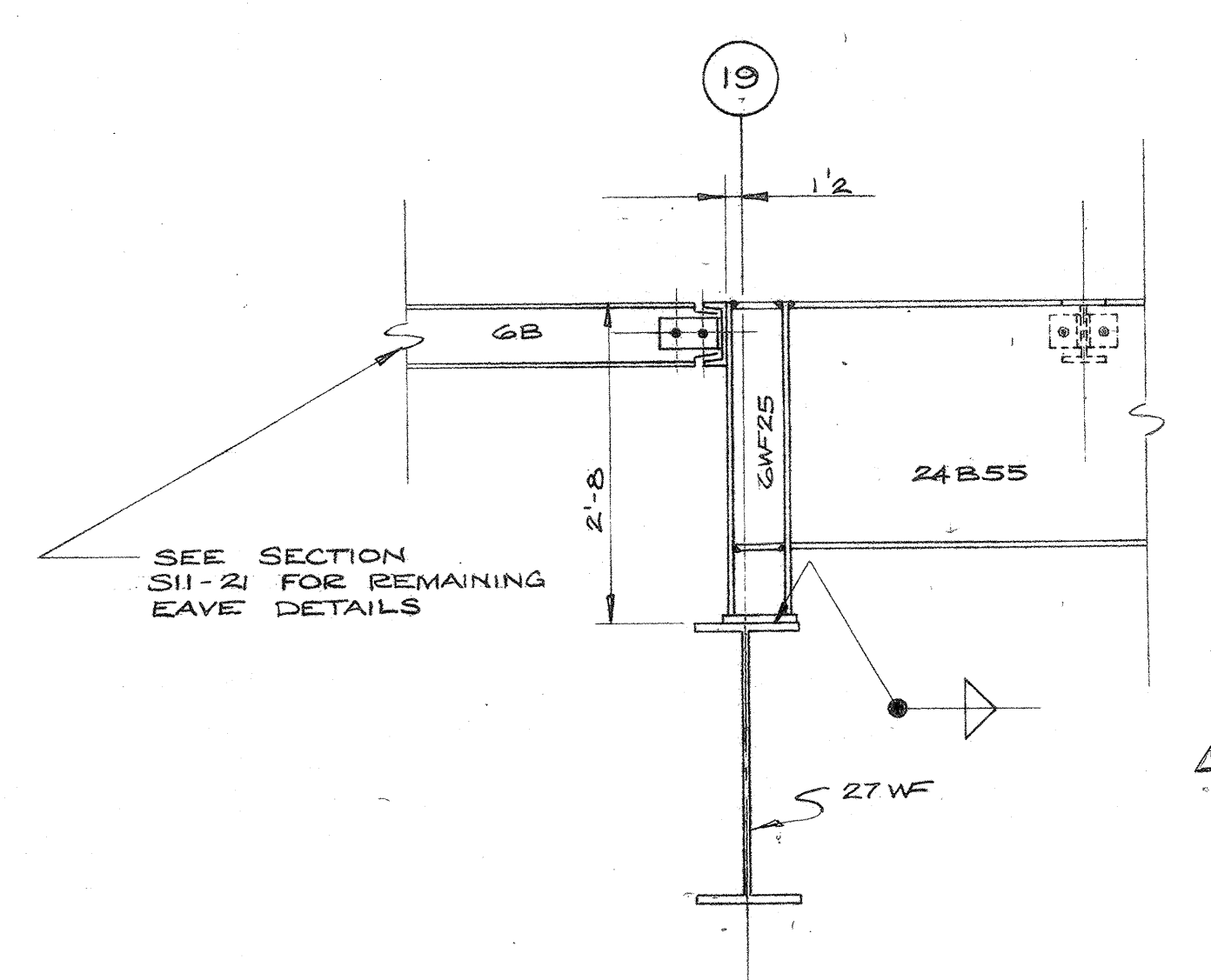
'X' BRACING DETAIL (SEE PLAN FOR LOCATION)  
SECTION S11-34 & S11-34A  
SCALE: 3/4" = 1'-0"



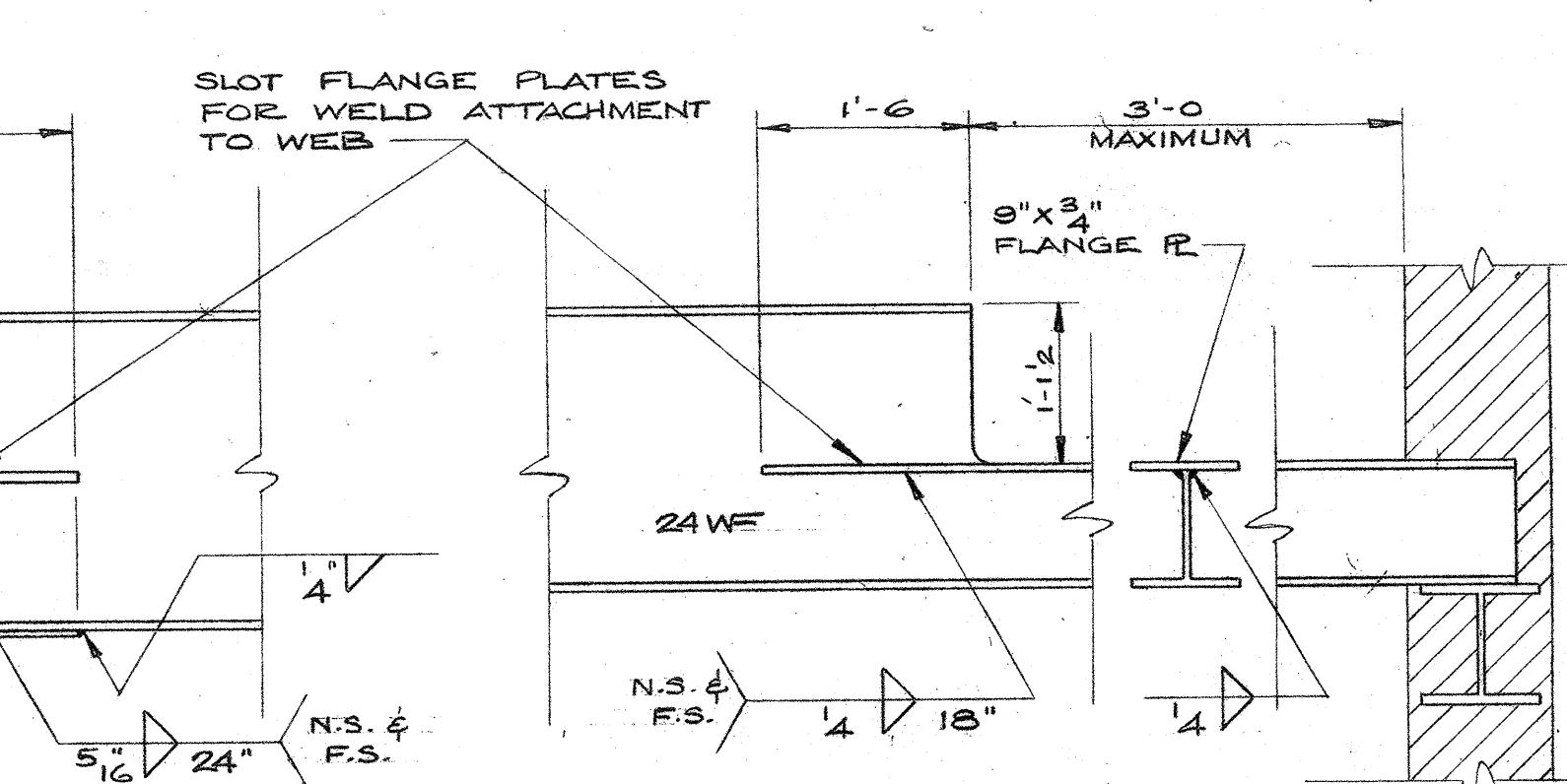
SECTION S11-21  
SCALE: 3/4" = 1'-0"



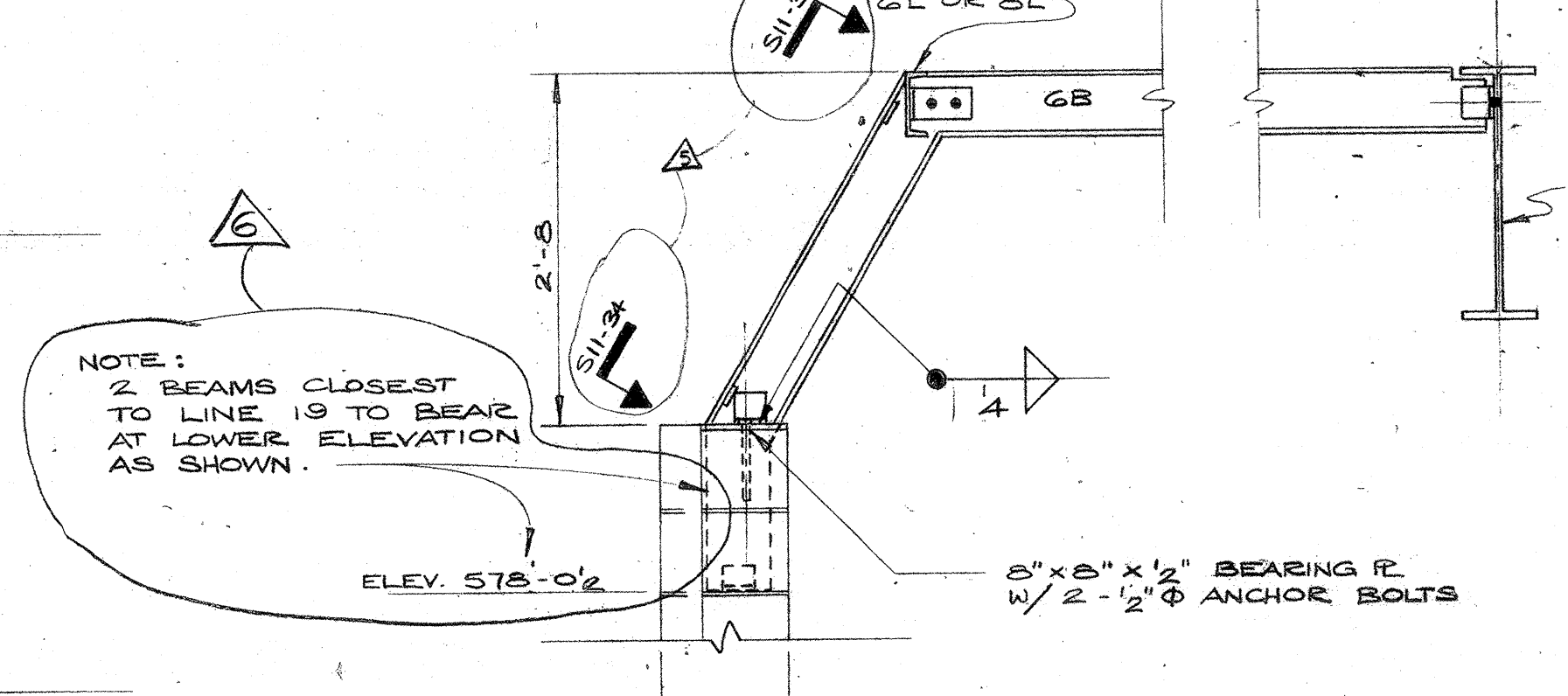
SECTION S11-22  
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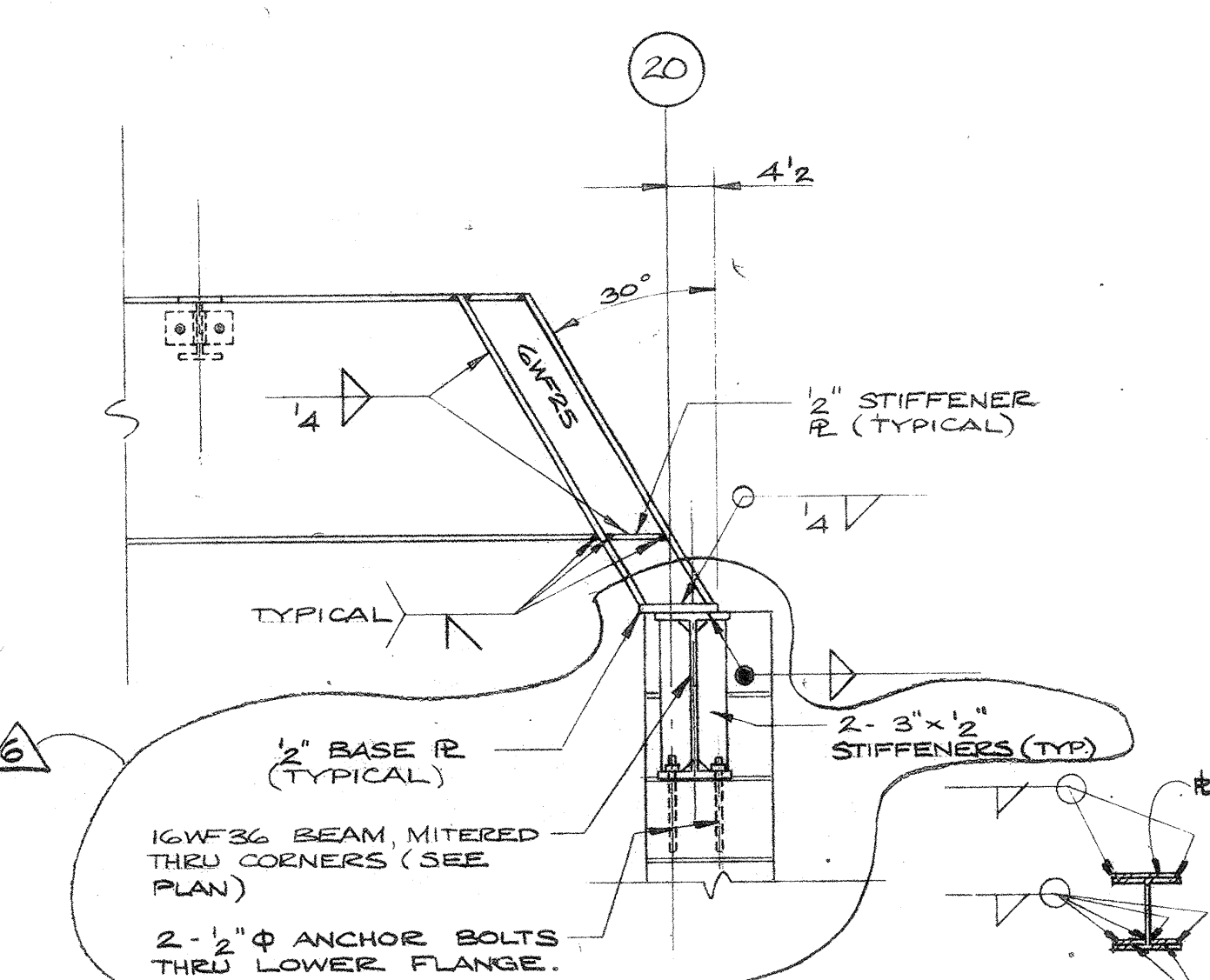
SECTION S11-23  
SCALE: 3/4" = 1'-0"



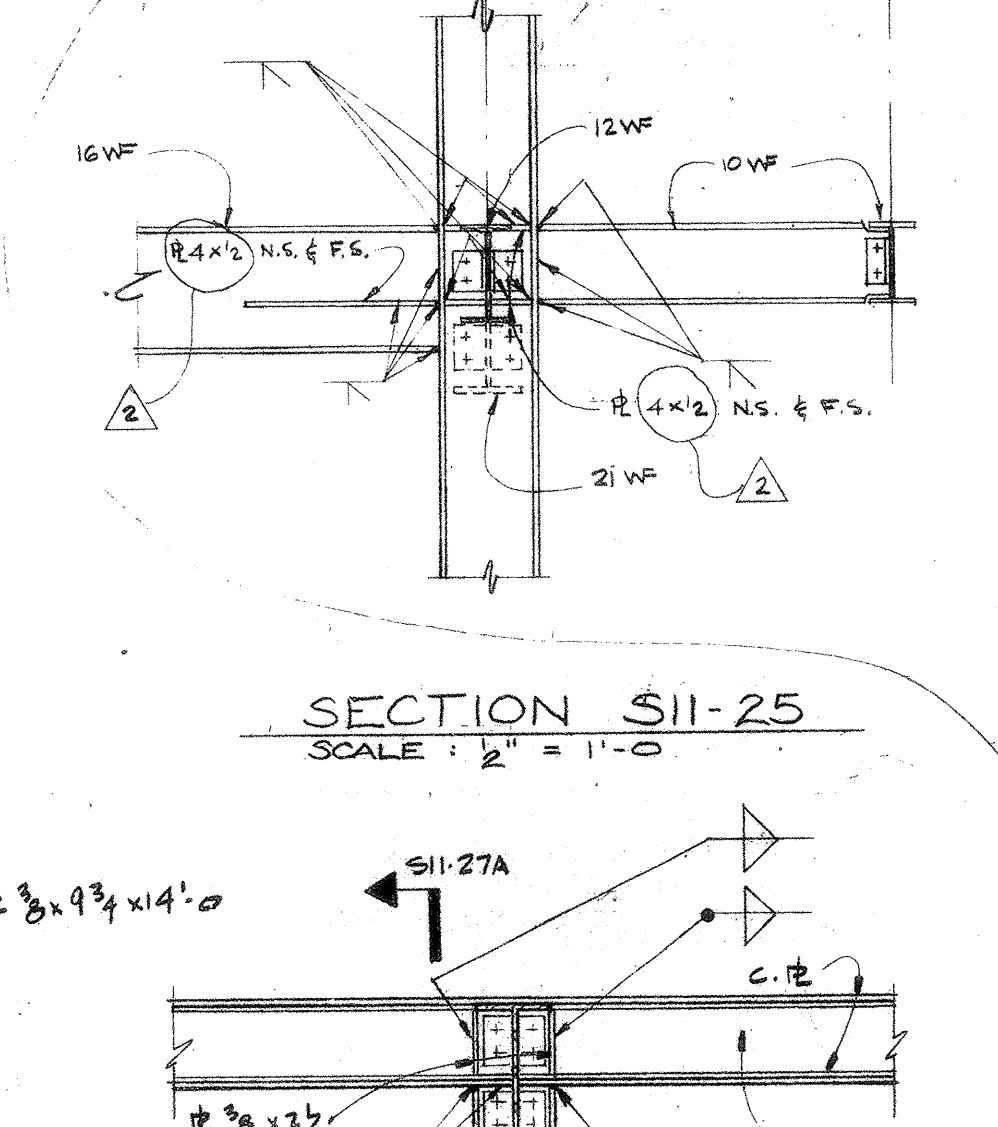
SECTION S11-24  
SCALE: 3/4" = 1'-0"



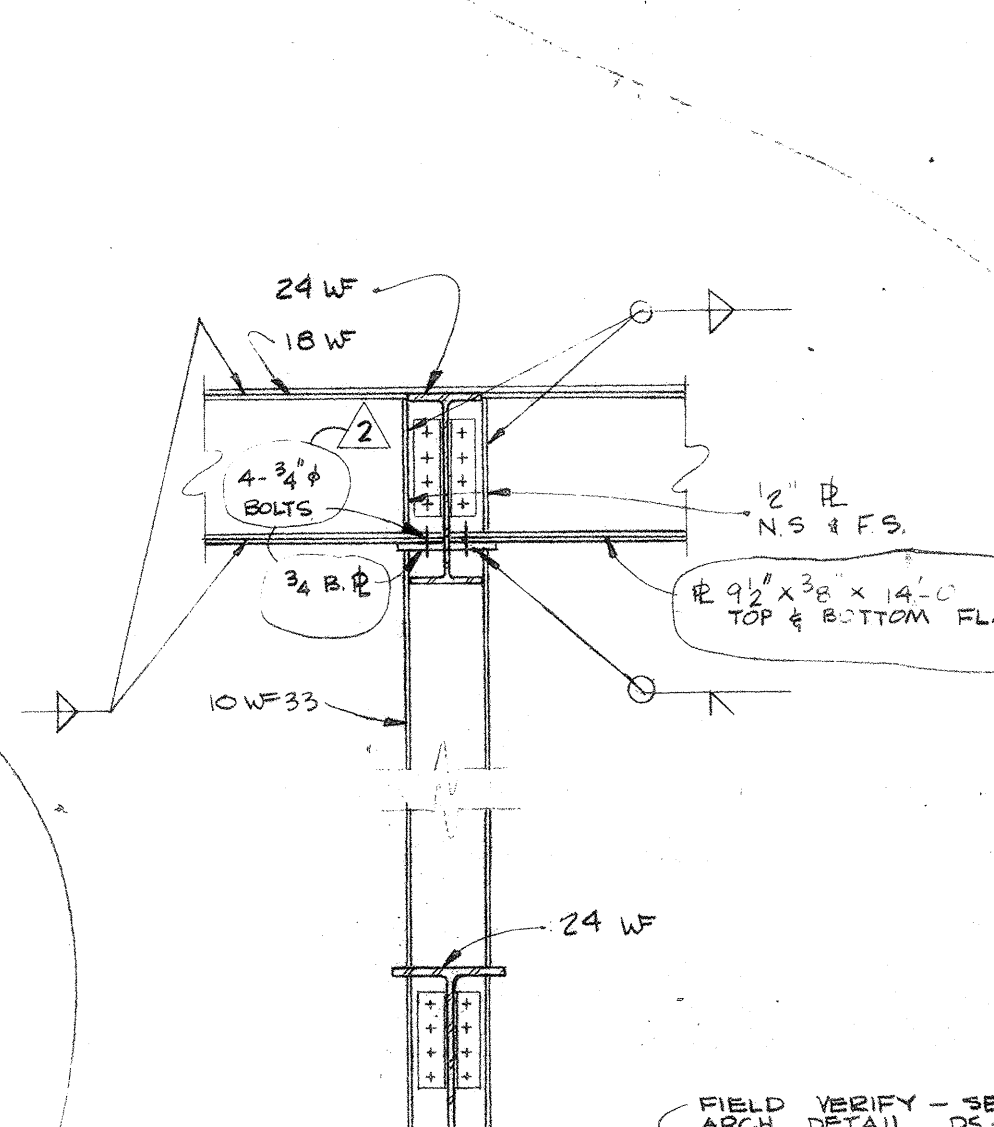
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SCALE: 3/4" = 1'-0"



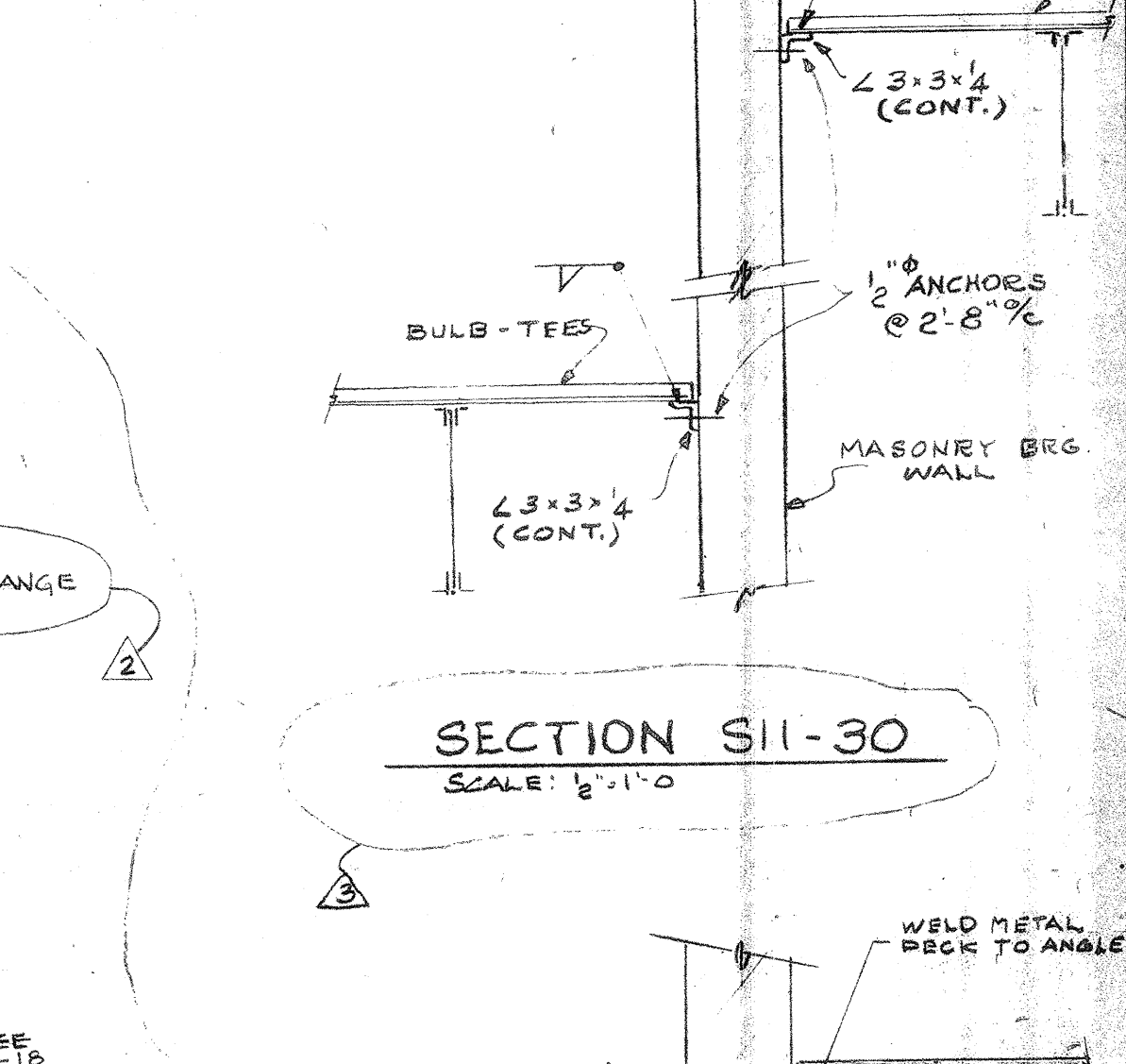
SECTION S11-25  
SCALE: 3/4" = 1'-0"



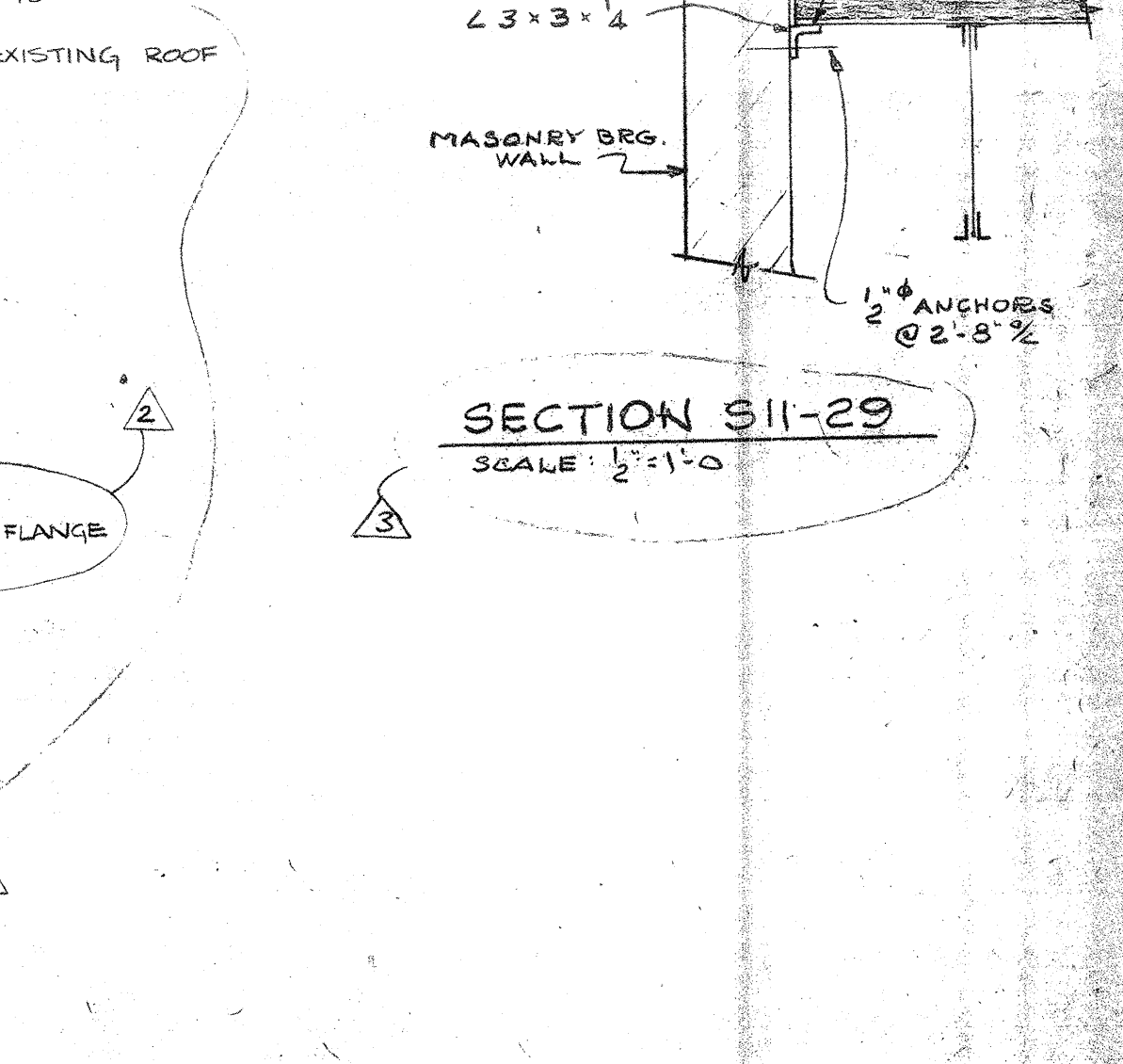
SECTION S11-27  
SCALE: 3/4" = 1'-0"



SECTION S11-28  
SCALE: 3/4" = 1'-0"



SECTION S11-30  
SCALE: 3/4" = 1'-0"



SECTION S11-29  
SCALE: 3/4" = 1'-0"

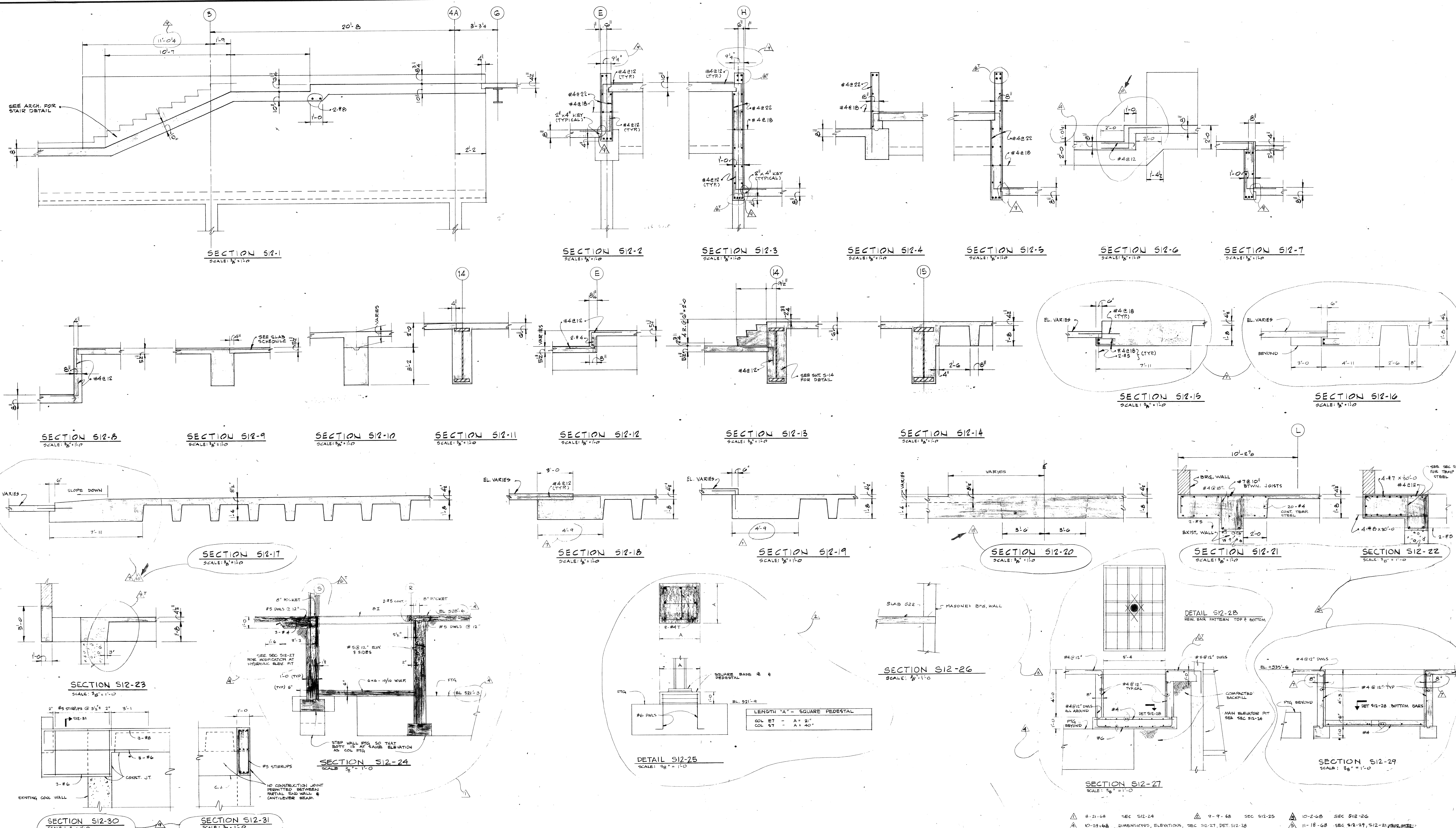
12-0-68 REV ENG DETAILS AT S11-22 & S11-26; DBT S11-83  
12-0-68 SEC S11-35 ADDED  
1-23-67 S11-2 DIM.  
1-23-67 S11-35A, S11-36 ADDED

**CINCINNATI BLOCK "B"**  
CINCINNATI, OHIO

**HARRY WEESE & ASSOCIATES**  
architects & engineers  
chicago  
THE ENGINEERS COLLABORATIVE  
structural engineers  
chicago  
COSENTINI ASSOCIATES  
consulting engineers  
chicago

300 W. WASHINGTON ST., 15th FL.  
CHICAGO, ILL. 60601  
954 N. LAUREL ST., 2nd FL.  
CHICAGO, ILL. 60610





8-21-68 SEC S12-24  
 10-28-68 DIMENSIONS, ELEVATIONS, SEC S12-27, DET S12-28  
 9-7-68 SEC S12-25  
 10-2-68 SEC S12-26  
 11-18-68 SEC S12-29, S12-21, DET S12-28

12-6-68 SEC S12-24, S12-27  
 1-25-69 DIM WIDTH - SEC S12-15, 17, 18, 19; PIT WALL THICKNESS  
 1-25-69 DIMENSION  
 2-14-69 BANK ADDR 42-3, 5, 5  
 3-11-69 SEC S12-30, 31; DIMENSIONS  
 4-28-69 SEC S12-6, S12-17, S12-30

# CINCINNATI BLOCK "B"

CINCINNATI, OHIO

HARRY WEESE & ASSOCIATES	architects & engineers	chicago	job no. 57-100
THE ENGINEERS COLLABORATIVE	structural engineers	chicago	DATE: JULY 23, 1968
COSENTINI ASSOCIATES	consulting engineers	chicago	CHECKED: [Signature]
			APPROVED FOR ARCHITECT: [Signature]
			APPROVED FOR OWNER: [Signature]



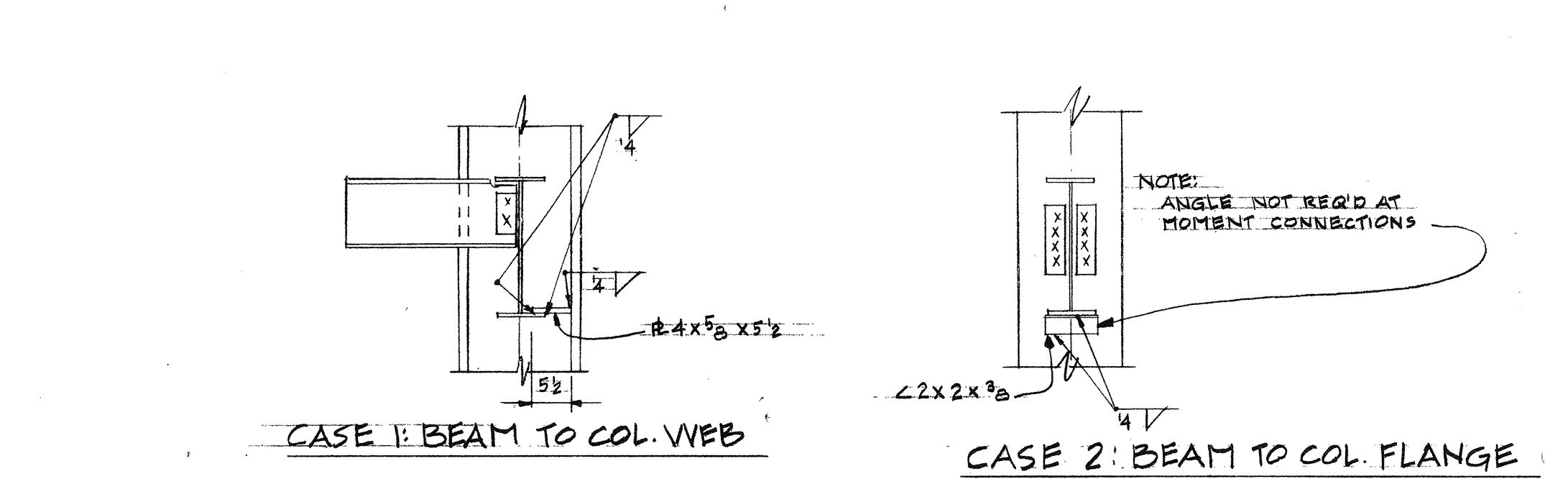
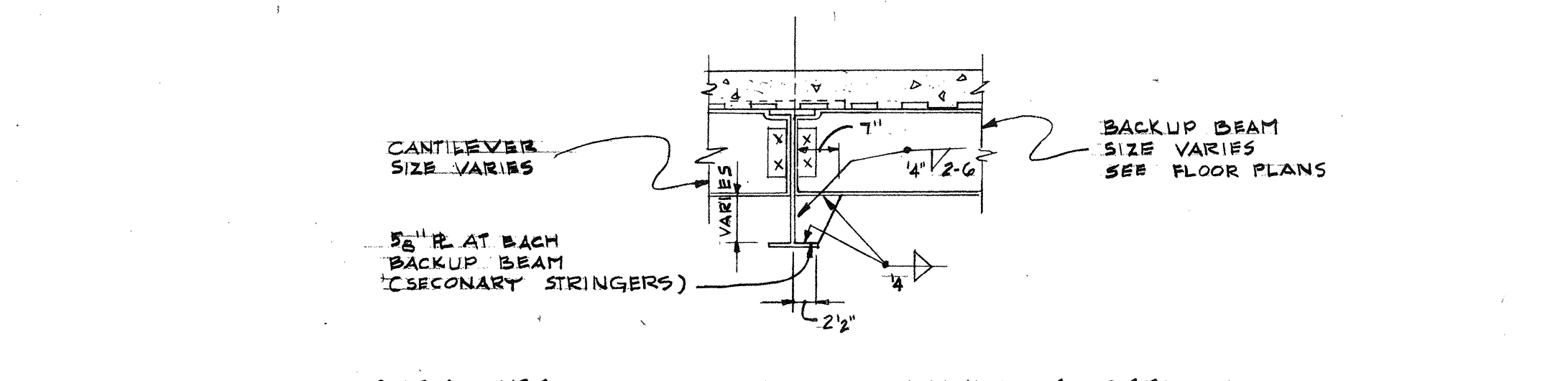
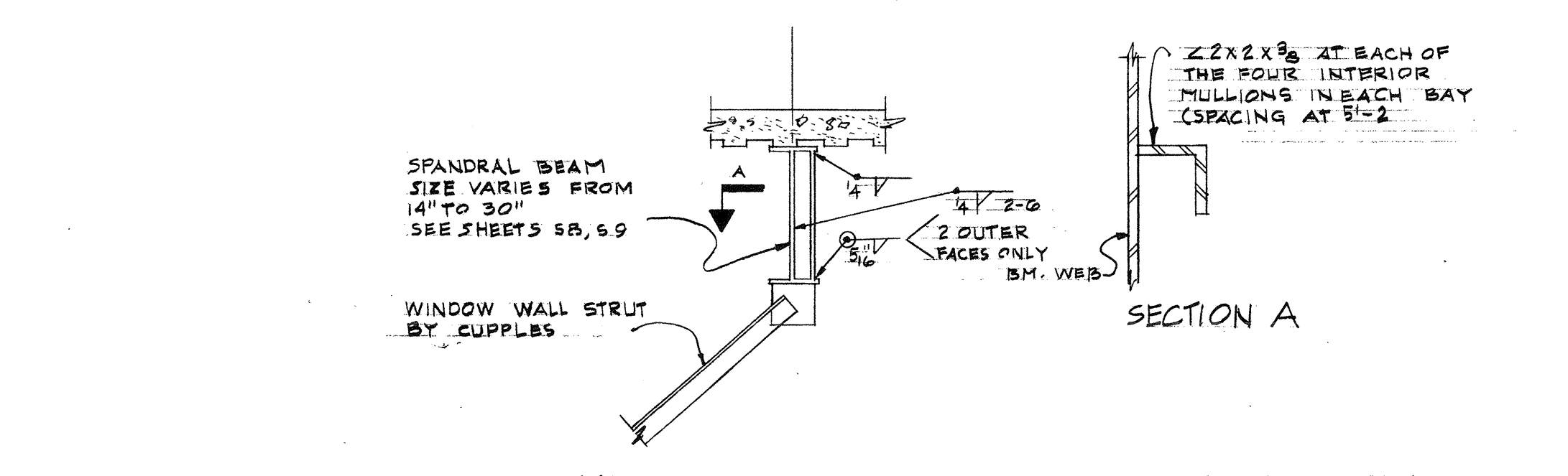


BEAM SCHEDULE									
MARK	W	D	REINFORCING	STIRRUPS	WIDTH OF SUPPORT	REMARKS			
			BUTT BENT TOP	SIZE TYPE SPACING EACH END					
B1	24	24	5-#8	4-#4	10 @ 11	SEE SECT. 512-3			
B2	24	24	4-#8	4-#4	10 @ 11				
B3	24	24	6-#8	7-#4	10 @ 11	SEE SECT. 512-6			
B4	24	24	6-#8	7-#4	10 @ 11	SEE SECT. 512-2			
B5	24	24	5-#8	4-#4	10 @ 11	SEE SECT. 512-7			
B6	24	24	4-#8	4-#4	10 @ 11	SEE SECT. 512-3			
B7	48	10	8-#8	4-#4	10 @ 11				
B8	48	10	11-#8	7-#4	10 @ 11				
B9	48	10	8-#8	7-#4	10 @ 11				
B10	48	10	5-#8	3-#4	10 @ 11				
B11	24	24	8-#8	4-#4	10 @ 11	4-#7 EACH END			
B12	14	24	3-#8	3-#4	10 @ 11				
B13	24	24	9-#8	10-#4	10 @ 11	TOP BARS IN 2-LAYERS			
B14	24	24	3-#8	2-#4	10 @ 11	EXTEND BARS TO END OF CANTILEVER			
B15	24	24	4-#8	4-#4	10 @ 11	LAP TOP END BARS WITH TOP BARS #2 B/B			
B16	24	24	4-#8	4-#4	10 @ 11	LAP TOP END BARS WITH TOP BARS #2 B/B			
B17	19	24	4-#8	4-#4	10 @ 11	EXTEND BARS INTO WALL FIREPROOFING OF AIR			
B18	24	24	8-#8	4-#4	10 @ 11				
B19	24	24	8-#8	4-#4	10 @ 11				
B20	24	24	12-#8	4-#4	10 @ 11				
B21	24	24	12-#8	4-#4	10 @ 11				
B22	24	24	2-#8	14-#4	10 @ 11				
B23	24	24	12-#8	4-#4	10 @ 11				
B24	48	24	7-#8	5-#4	10 @ 11	EXTEND 8-#8 TO END OF CANTILEVER			
B25	48	24	4-#8	4-#4	10 @ 11	EXTEND 5-#7 TO END OF CANTILEVER			
B26	18	24	5-#8	4-#4	10 @ 11	TOP BARS EACH END			
B27	18	24	5-#8	4-#4	10 @ 11				
B28	48	24	6-#8	5-#4	10 @ 11				
B29	24	24	8-#8	5-#4	10 @ 11	SEE SECTS. 512-18 AND 512-19			
B30	24	24	3-#8	7-#4	10 @ 11	SEE SECT. 512-17			
B31	24	24	7-#8	7-#4	10 @ 11	SEE SECTS. 512-15 AND 512-16			
B32	24	24	2-#8	2-#4	10 @ 11				
B33	14	24	5-#8	3-#4	10 @ 11				
B34	24	24	2-#8	5-#4	10 @ 11				
B35	12	16	3-#8	3-#4	10 @ 11	3-#5 BA END			
B36	24	24	2-#8	2-#4	10 @ 11				
B37	24	24	2-#8	2-#4	10 @ 11	LAP 2-#8 WITH BARS FROM B36			
B38	24	24	2-#8	2-#4	10 @ 11				
B39	VARIES	24	4-#8	4-#4	10 @ 11	SEE PLAN FOR WIDTH			
B40	24	24	2-#8	2-#4	10 @ 11	2-#5 EACH SIDE			
B41	12	30	3-#8	6-#4	10 @ 11				
B42	12	12	3-#8	3-#4	10 @ 11				
B43	24	24	2-#8	2-#4	10 @ 11				
B44	24	24	2-#8	2-#4	10 @ 11				
B45	24	24	2-#8	2-#4	10 @ 11				
B46	24	24	2-#8	2-#4	10 @ 11				
B47	20	24	2-#8	2-#4	10 @ 11				
B48	24	24	2-#8	2-#4	10 @ 11				
B49	18	24	2-#8	2-#4	10 @ 11				
B50	48	12	5-#8	5-#4	10 @ 11	LAP TOP STEEL AT 1/2 SPAN			
B51	48	12	5-#8	5-#4	10 @ 11				

JOIST SCHEDULE									
MARK	W	D	REINFORCING	STIRRUPS	WIDTH OF SUPPORT	REMARKS			
			BUTT BENT TOP	SIZE TYPE SPACING EACH END					
J1	8	24	2-#7	3-#4	2-#5				
J2	8	24	2-#7	3-#4	2-#5				
J3	8	24	2-#7	3-#4	2-#5				
J4	8	24	2-#7	3-#4	2-#5				
J5	8	24	2-#7	3-#4	2-#5				
J6	8	24	2-#7	3-#4	2-#5	TOP BAR CONT.			
J7	8	24	2-#7	3-#4	2-#5				
J8	8	24	2-#7	3-#4	2-#5	EXTEND BARS TO END OF CANTILEVER			
J9	8	24	2-#7	3-#4	2-#5				
J10	8	VARIES	2-#7	3-#4	2-#5				
J11	8	24	2-#7	3-#4	2-#5				
J12	8	VARIES	2-#7	3-#4	2-#5				
J13	8	24	2-#7	3-#4	2-#5				
J14	8	24	2-#7	3-#4	2-#5				

SLAB SCHEDULE									
MARK	THICKNESS	REINFORCING	TEMP	WIDTH OF SUPPORT	REMARKS				
		BUTT BENT TOP							
S50	8	#6 @ 10	#5 @ 12	#4 @ 14					
S51	8	#6 @ 10	#5 @ 12	#4 @ 14					
S52	8	#6 @ 10	#5 @ 12	#4 @ 14					
S53	8	#6 @ 10	#5 @ 12	#4 @ 14					
S54	8	#6 @ 10	#5 @ 12	#4 @ 14					
S55	8	#6 @ 10	#5 @ 12	#4 @ 14					
S56	8	#6 @ 10	#5 @ 12	#4 @ 14					
S57	8	#6 @ 10	#5 @ 12	#4 @ 14					
S58	8	#6 @ 10	#5 @ 12	#4 @ 14					
S59	10	#7 @ 8	#5 @ 12	#4 @ 14	#5 @ 12 EACH END				
S60	8	#6 @ 10	#5 @ 12	#4 @ 14					
S61	8	#6 @ 10	#5 @ 12	#4 @ 14					
S62	8	#6 @ 10	#5 @ 12	#4 @ 14					
S63	8	#6 @ 10	#5 @ 12	#4 @ 14					
S64	8	#6 @ 10	#5 @ 12	#4 @ 14	#6 @ 8 EACH END				
S65	8	#6 @ 10	#5 @ 12	#4 @ 14					
S66	5	#5 @ 8	#4 @ 10	#3 @ 12					
S67	5	#5 @ 8	#4 @ 10	#3 @ 12					
S68	5	#5 @ 8	#4 @ 10	#3 @ 12					
S69	5	#5 @ 8	#4 @ 10	#3 @ 12					
S70	5	#5 @ 8	#4 @ 10	#3 @ 12					
S71	5	#5 @ 8	#4 @ 10	#3 @ 12					
S72	5	#5 @ 8	#4 @ 10	#3 @ 12					
S73	5	#5 @ 8	#4 @ 10	#3 @ 12					
S74	5	#5 @ 8	#4 @ 10	#3 @ 12					
S75	5	#5 @ 8	#4 @ 10	#3 @ 12					
S76	6	#6 @ 8	#5 @ 10	#4 @ 12					
S77	6	#6 @ 8	#5 @ 10	#4 @ 12					
S78	4	#4 @ 8	#3 @ 10	#2 @ 12	EACH WAY				

SLAB SCHEDULE									
MARK	THICKNESS	REINFORCING	TEMP	WIDTH OF SUPPORT	REMARKS				
		BUTT BENT TOP							
S1	4	#4 @ 8	#3 @ 10	#2 @ 12					
S2	4	#4 @ 8	#3 @ 10	#2 @ 12					
S3	4	#4 @ 8	#3 @ 10	#2 @ 12					
S4	4	#4 @ 8	#3 @ 10	#2 @ 12					
S5	4	#4 @ 8	#3 @ 10	#2 @ 12					
S6	4	#4 @ 8	#3 @ 10	#2 @ 12					
S7	4	#4 @ 8	#3 @ 10	#2 @ 12					
S8	4	#4 @ 8	#3 @ 10	#2 @ 12					
S9	4	#4 @ 8	#3 @ 10	#2 @ 12					
S10	4	#4 @ 8	#3 @ 10	#2 @ 12					
S11	4	#4 @ 8	#3 @ 10	#2 @ 12					
S12	4	#4 @ 8	#3 @ 10	#2 @ 12					
S13	4	#4 @ 8	#3 @ 10	#2 @ 12					
S14	4	#4 @ 8	#3 @ 10	#2 @ 12					
S15	5	#5 @ 8	#4 @ 10	#3 @ 12					
S16	5	#5 @ 8	#4 @ 10	#3 @ 12					
S17	5	#5 @ 8	#4 @ 10	#3 @ 12					
S18	5	#5 @ 8	#4 @ 10	#3 @ 12					
S19	5	#5 @ 8	#4 @ 10	#3 @ 12					
S20	5	#5 @ 8	#4 @ 10	#3 @ 12					
S21	5	#5 @ 8	#4 @ 10	#3 @ 12					
S22	6	#6 @ 8	#5 @ 10	#4 @ 12					
S23	6	#6 @ 8	#5 @ 10	#4 @ 12					
S24	6	#6 @ 8	#5 @ 10	#4 @ 12					
S25	6	#6 @ 8	#5 @ 10	#4 @ 12					
S26	4	#4 @ 8	#3 @ 10	#2 @ 12					
S27	4	#4 @ 8	#3 @ 10	#2 @ 12					
S28	4	#4 @ 8	#3 @ 10	#2 @ 12					
S29	5	#5 @ 8	#4 @ 10	#3 @ 12					
S30	5	#5 @ 8	#4 @ 10	#3 @ 12					
S31	5	#5 @ 8	#4 @ 10	#3 @ 12					
S32	6	#6 @ 8	#5 @ 10	#4 @ 12					



TYPICAL SPANDRAL BEAM REINFORCEMENT FOR CUPPLES WINDOW WALL - 2ND THRU 12TH FLOORS

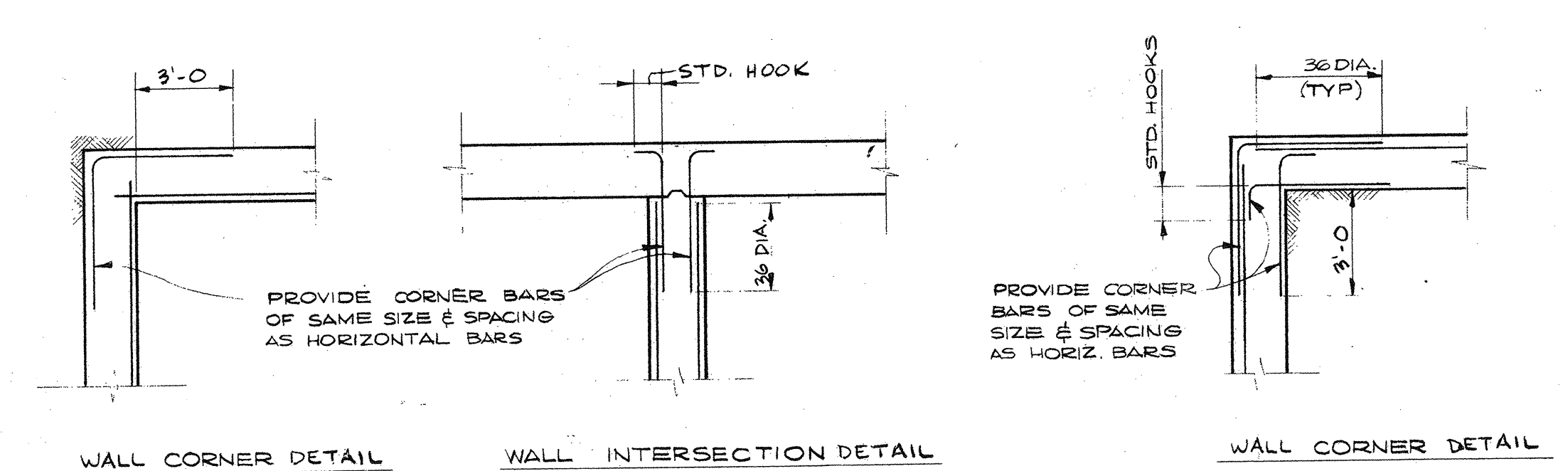
11-6-68 CHANGE TO S29, S24, S25  
 12-4-68 ADD S78  
 1-23-69 SLABS, BMS, JOISTS ADDED OR CHANGED  
 2-14-69 SLABS, BMS ADDED OR CHANGED  
 2-25-69 BEAMS B39, B45, B51  
 G-2-69 ADDED DETAILS

**CINCINNATI BLOCK "B"**  
 CINCINNATI, OHIO

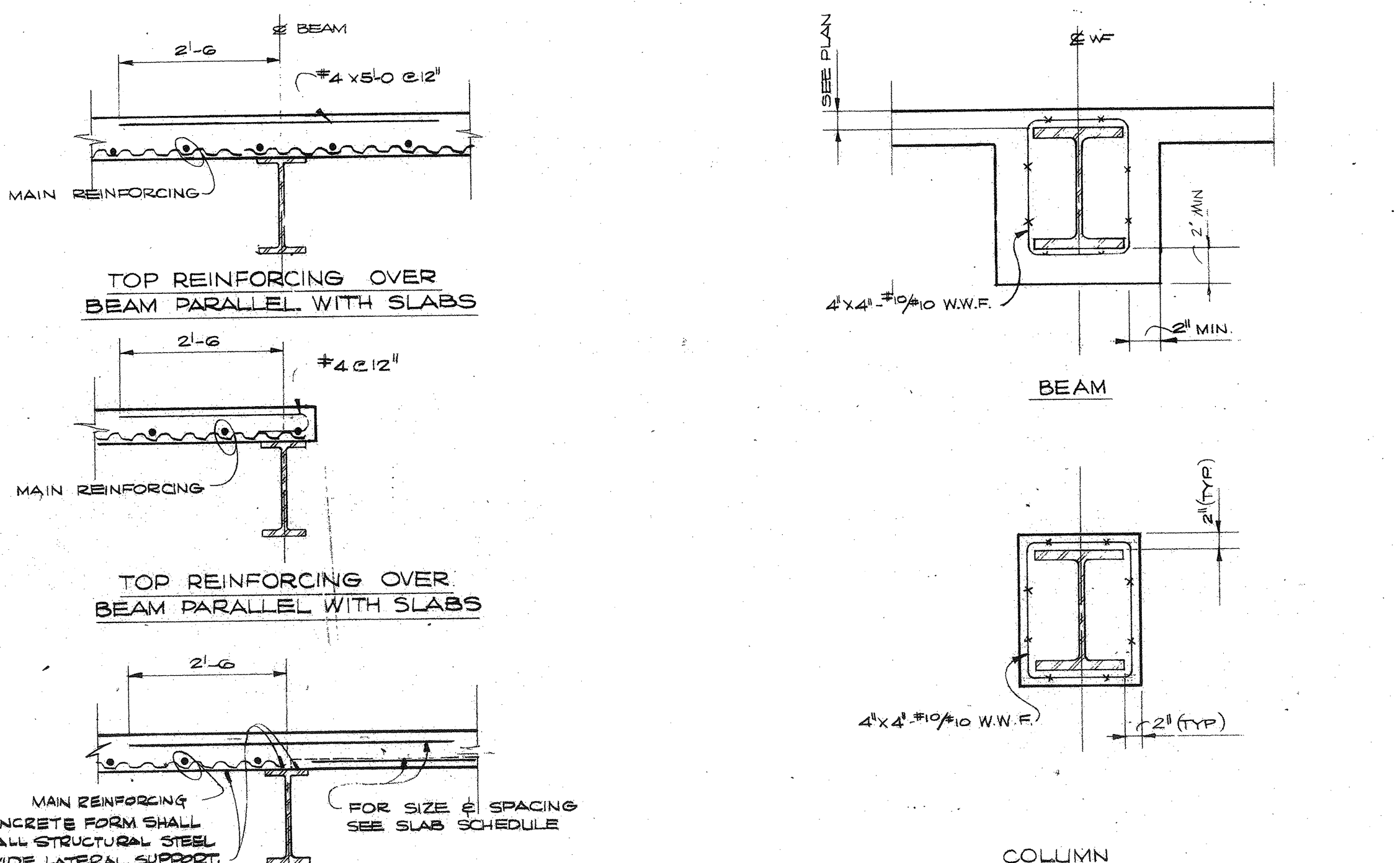
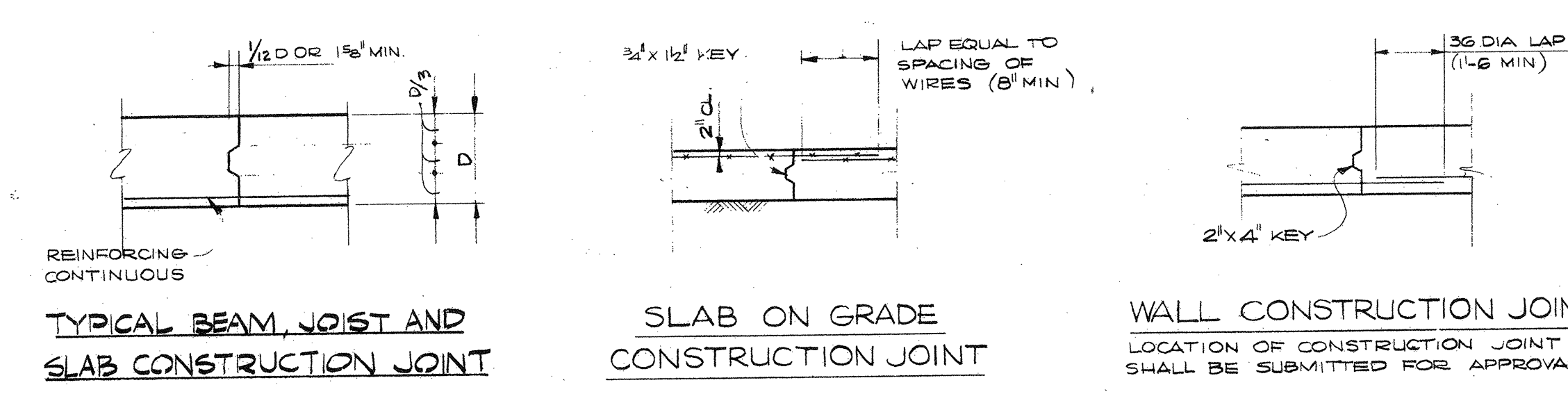
HARRY WEESE & ASSOCIATES  
 THE ENGINEERS COLLABORATIVE  
 COSENTINI ASSOCIATES  
 architects & engineers  
 structural engineers  
 consulting engineers  
 chicago  
 chicago  
 chicago  
 JOB NO. 571-B  
 Issue date: JULY 22, 1968  
 Drawn checked approved for architect approved for owner  
**913**



	Q7	E7 E1-7	H-7	S-7	R21	S4	G4
PENTHOUSE ROOF							
PENTHOUSE MECHANICAL FLOOR							
MAIN ROOF & MECHANICAL FLOOR							
13TH FLOOR							
12TH FLOOR							
11TH FLOOR							
10TH FLOOR							
9TH FLOOR							
8TH FLOOR							
7TH FLOOR							
6TH FLOOR							
5TH FLOOR							
4TH FLOOR							
3RD FLOOR & LOW ROOF							
2ND FLOOR							
GROUND FLOOR							
TOP OF FOOTING							
BASE RL							

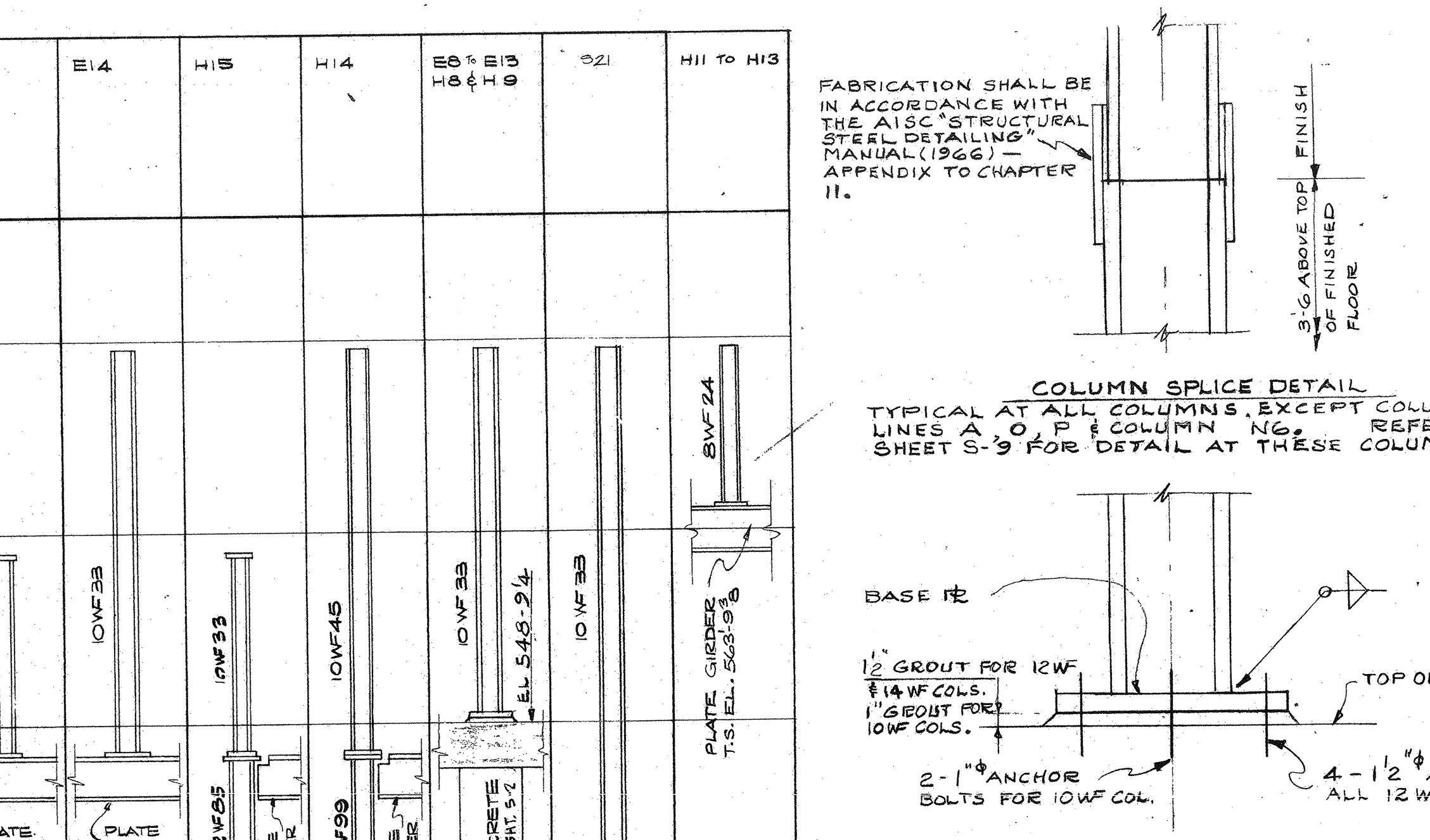


WALL DETAILS  
SCALE 1/4" = 1'-0"



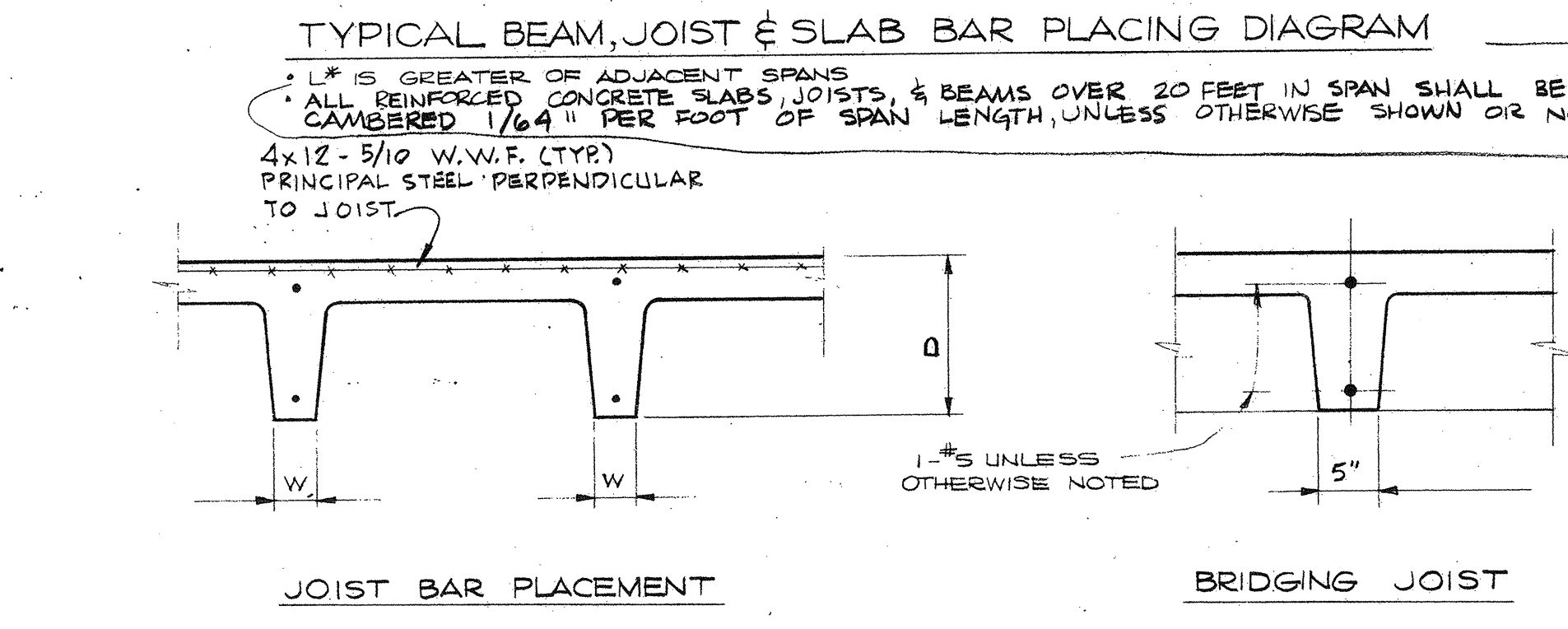
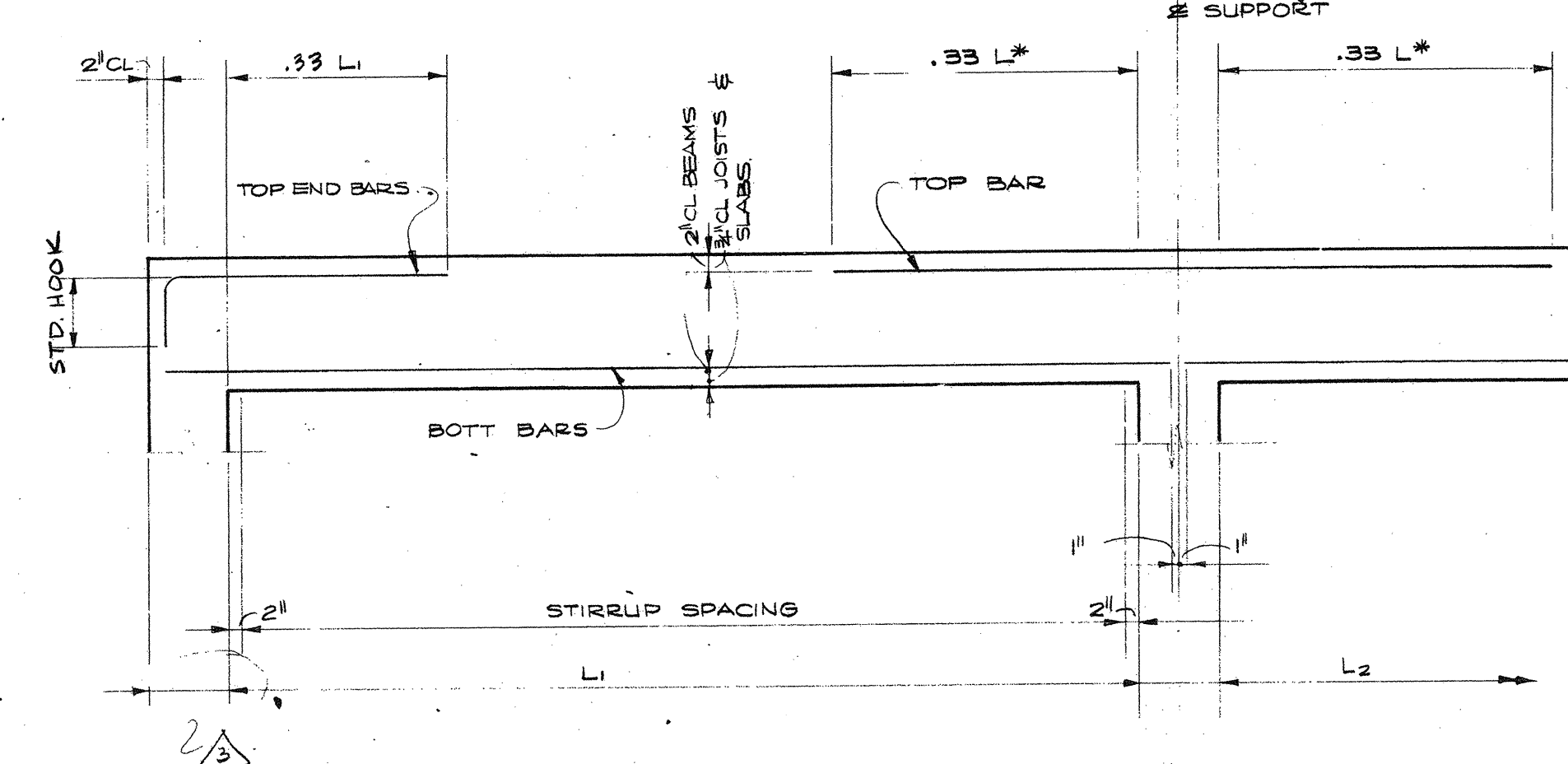
TYPICAL SLAB REINFORCING DETAILS

ENCASED STEEL COLUMN AND BEAM DETAILS

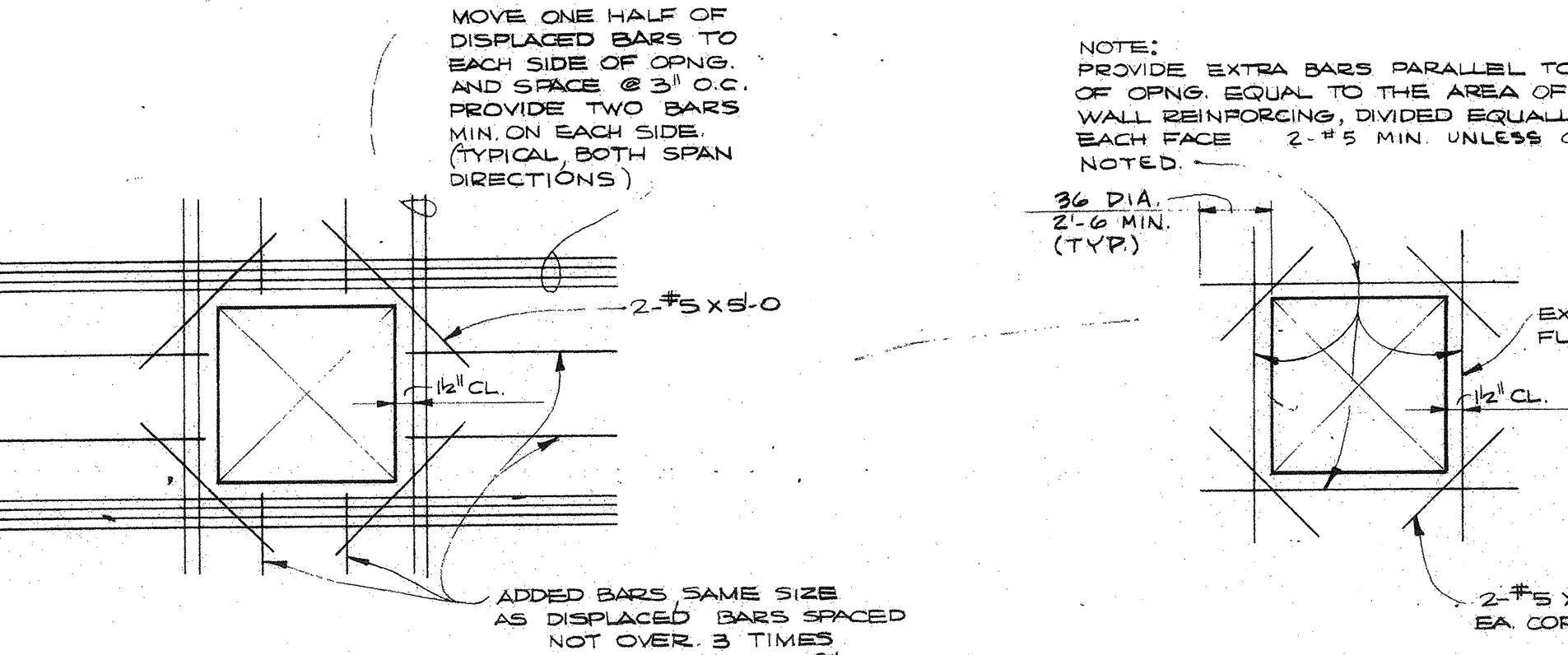


TYPICAL EDGE OF SLAB DETAILS AT MASONRY WALLS

CANTILEVER SLAB DETAIL WITH USE OF INLAND STEEL HI-BOND DECK IN TOWER

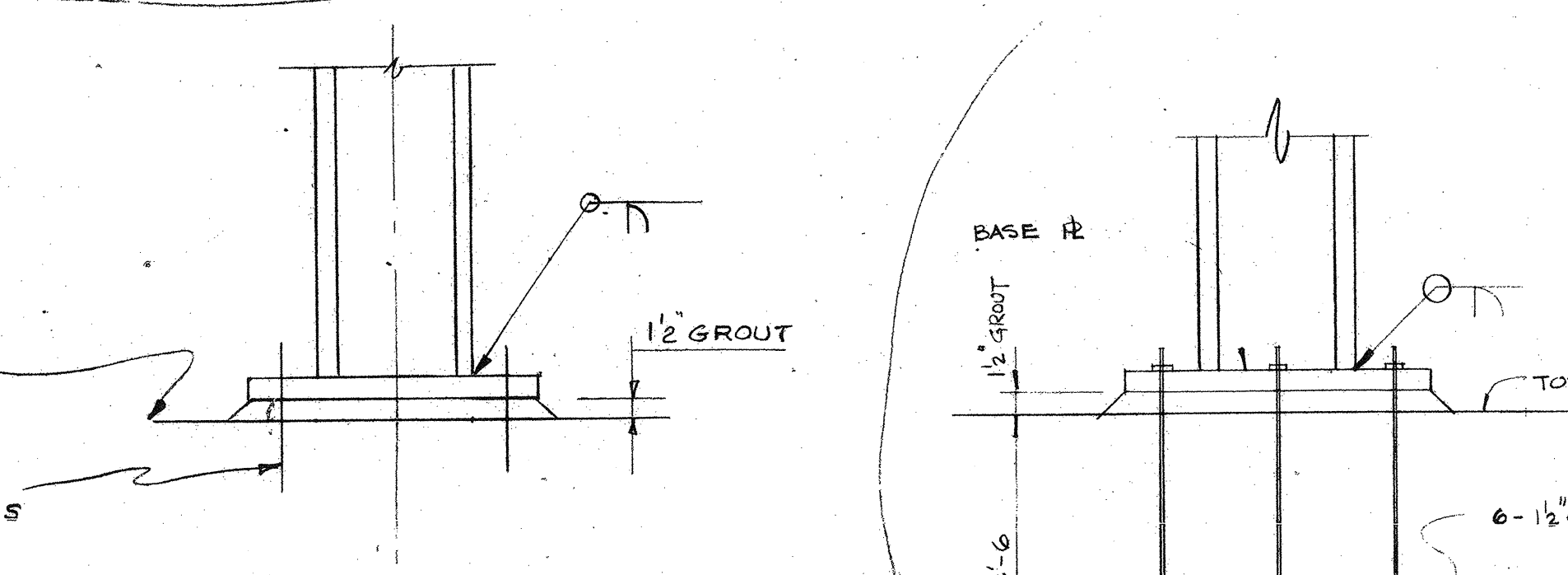
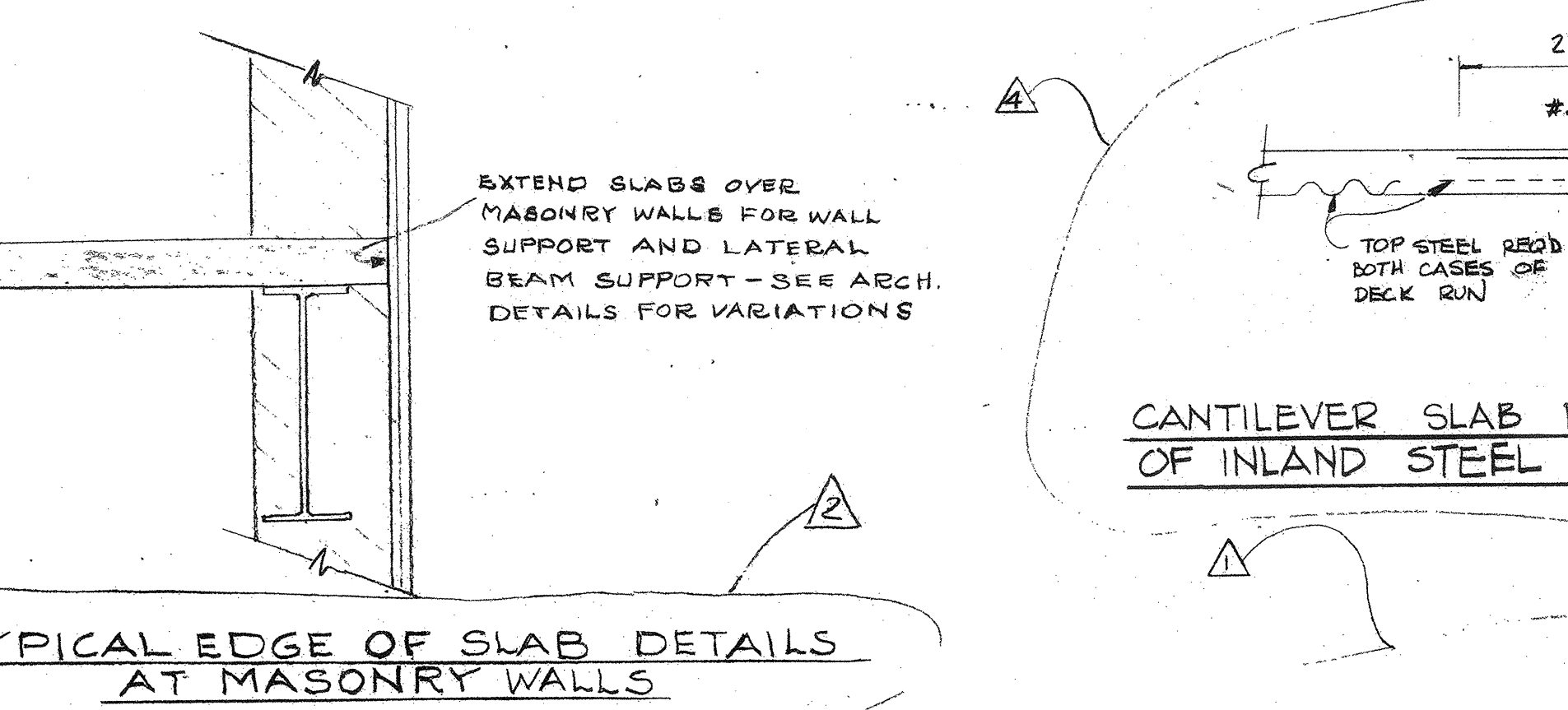


TYPICAL JOIST DETAILS



OPENING IN SLAB

OPENING IN WALL



CANTILEVER SLAB DETAIL WITH USE OF INLAND STEEL HI-BOND DECK IN TOWER

GENERAL NOTES

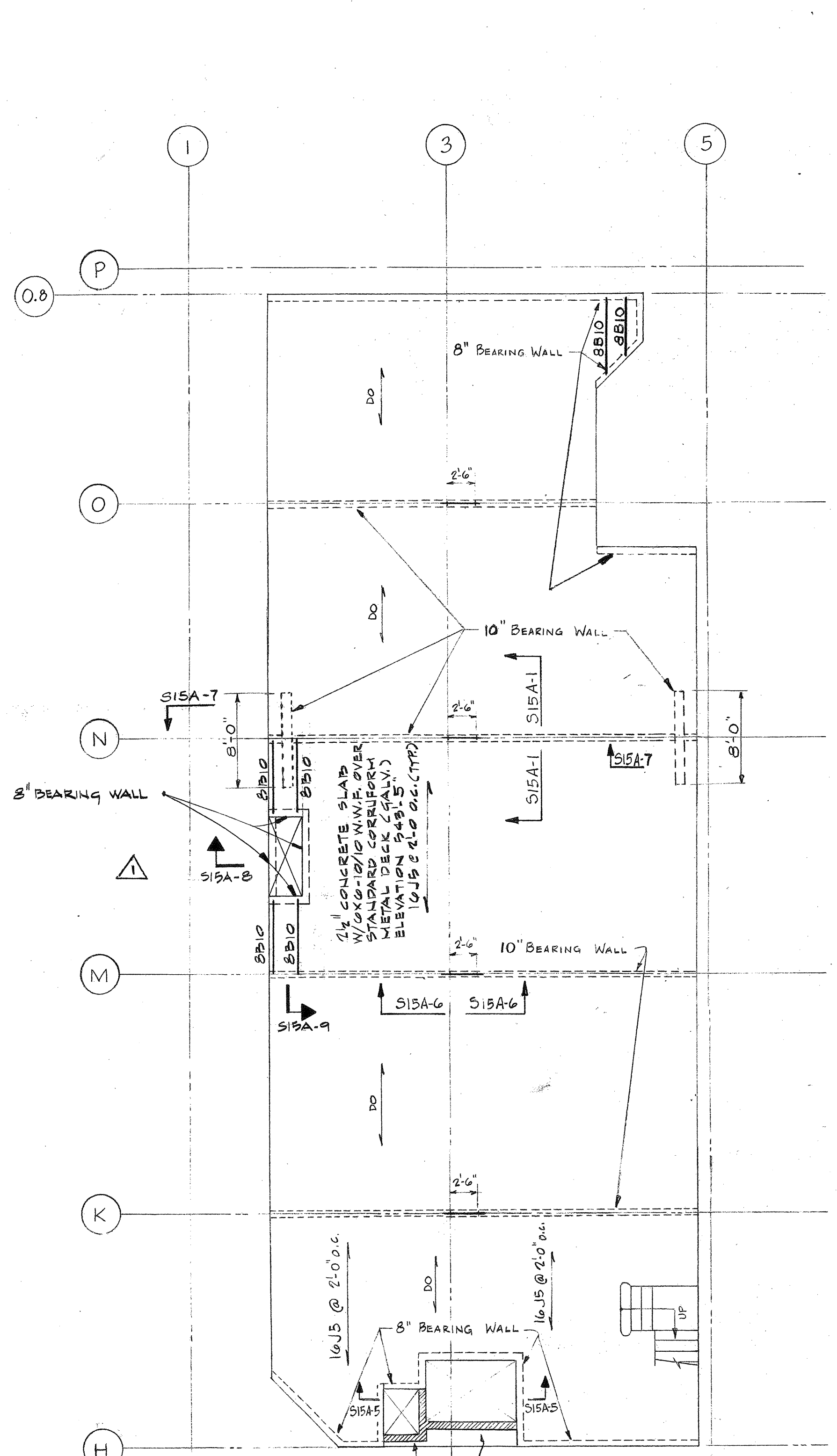
- ELEVATORS**
- The contractor shall submit approved elevator drawings showing complete details and show how reactions before proceeding with construction or fabrication.
- FOUNDATIONS**
- All footings shall bear on solid undisturbed soil with a safe allowable soil pressure of 12,000 PSF.
  - No footing shall be placed without the Architect's approval.
  - No concrete shall be placed in excavation containing water or on frozen ground.
- EXCAVATION AND BACKFILL**
- Excavation shall not be backfilled until basement floor and ground floor construction are in place.
- CONCRETE**
- All concrete for tower floor slabs supported on structural steel framing and concrete fill as shown on Architectural drawings shall be lightweight aggregate ISO Type concrete with a 28 day compressive strength of 3750 psi.
  - All other concrete shall be stone aggregate ISO type concrete with a 28 day compressive strength of 3750 psi.
  - All reinforcing bars shall be new billet deformed steel bars conforming to ASTM A632 and A633 (fy = 60,000 psi).
  - Provide 1 - #4 spacer bar under all stirrup hooks which are not bent around longitudinal steel.
  - Bar supports and spacers which rest on exposed surface shall be hot-dipped galvanized.
  - Continuous bars shall lap 36 diameters where spliced, but not less than 12 inches. Not more than 1/3 of the bars shall be spliced at one point.
  - Dowels shall project 24 diameters unless otherwise shown.
  - Provide additional bars in floors and walls around all openings equal to bars displaced by openings unless otherwise shown.
  - All details, sections and notes shown on the drawings are intended to be typical and shall apply to similar situations elsewhere unless otherwise shown.
- STRUCTURAL STEEL**
- Material and workmanship shall conform to the latest requirements of the AISC "Specifications for Design, Fabrication and Erection of Structural Steel for Buildings" and the "Code of Standard Practice for Steel Buildings".
  - All structural steel shall conform to ASTM A36 (fy = 36,000 psi).
  - Beams shall be placed with natural corner upward.
  - All connections shall be 3/4" diameter A325 high strength bolts in friction type connections unless otherwise shown.
  - Filler weld sizes not shown shall be the AWS minimum size based on the thickness of the material being welded.
  - All butt welds shall be full penetration welds unless noted on the drawings.
  - Ultra-sonic inspection shall be performed on at least 30% of the total number of individual butt welds at various locations to be selected by the Architect. Each weld that does not conform to AWS D1.0:83 and D1.0:85, two additional tests shall be made at the contractor's expense. Note that a beam butt welded to a column consists of three individual butt welds.
  - All welds shall be visually inspected.
- MASONRY**
- Material and workmanship shall conform to the requirements of the "American Standard Building Code Requirements for Masonry" and the "National Bureau of Standards Handbook of Building Code Requirements for Reinforced Masonry".
  - Mortar shall be Type S mortar with a minimum 28 day compressive strength of 750 psi and with proportions of one part Portland cement, one part hydrated lime and six parts sand by volume.
  - All concrete masonry units shall be hollow units made of lightweight aggregates and shall conform to the following:
    - Load bearing units shall conform to ASTM C-90 Type 1, Grade P-1.
    - Non-load bearing units shall conform to ASTM C-129, Type 1.
  - The courses of concrete masonry units supporting concentrated loads from beams, joists and lintels shall be solid masonry obtained by using solid or concrete fill units for a minimum of 8 inches in height. For concentrated loads from structural steel beams, use a minimum of 16 inches in height.
  - All masonry walls shall be reinforced with "Duro-Wal" of standard weight (galvanized) at every second course.
- DESIGN LIVE LOADS**
- Ground and 2nd Floor: 100 PSF  
 All other floors: 50 PSF plus 20 PSF partition allowance  
 Roof: 25 PSF

12-0-68 CANTILEVER DETAIL  
 1-20-69 NOTE ON THE CANTILEVER SLAB DETAIL  
 3-11-69 NOTE ON THE BAR PLACING DETAIL (CAMBER)

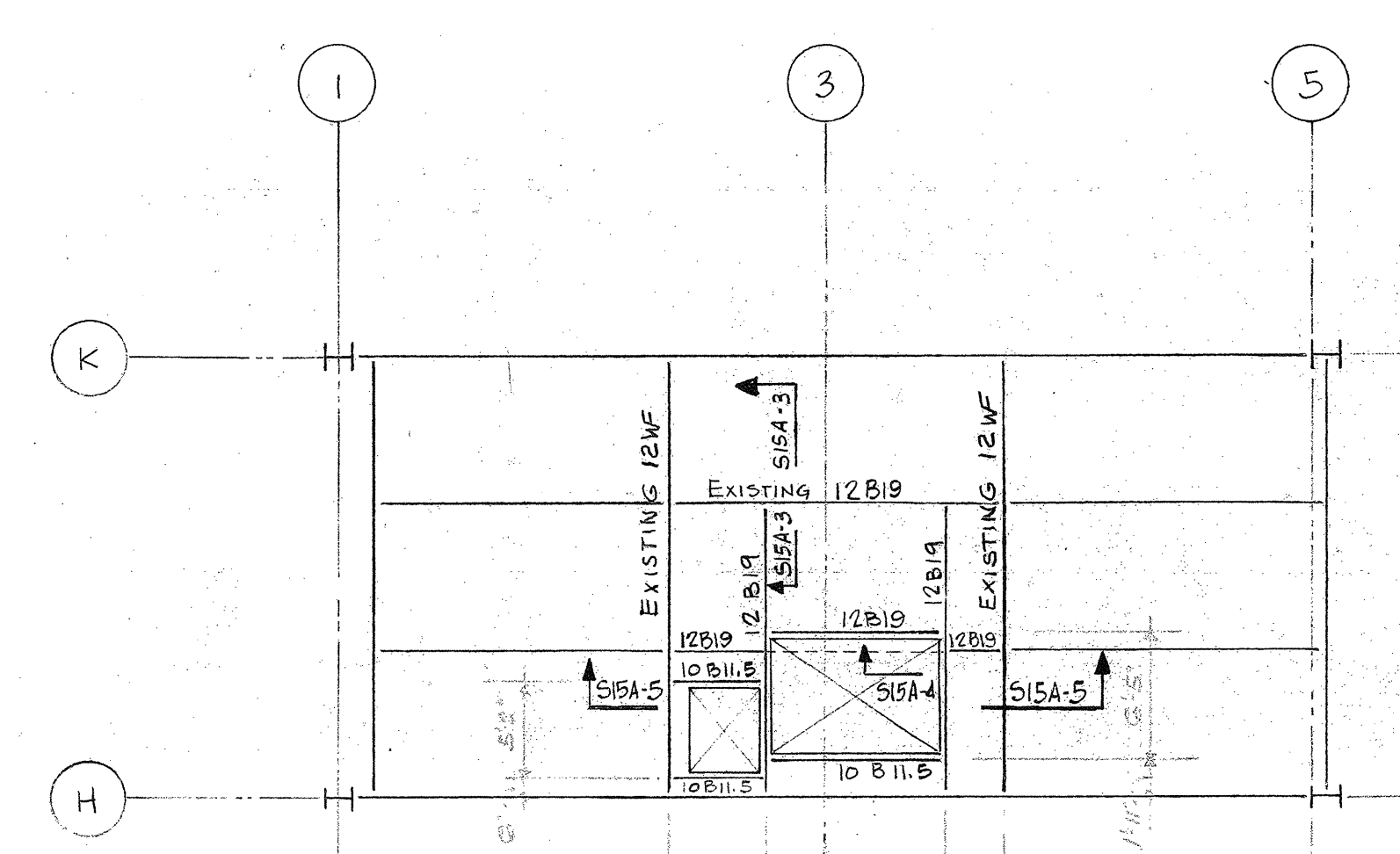


**GENERAL NOTES**

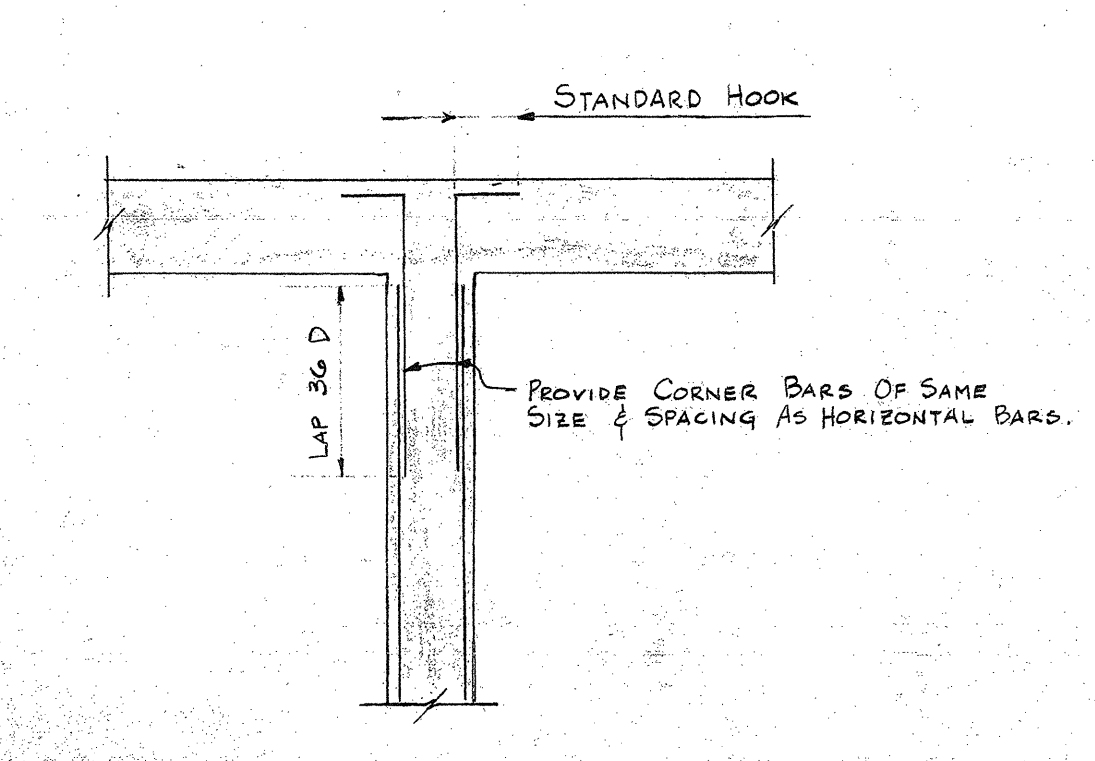
- FOUNDATIONS**
- All footings shall bear on solid undisturbed soil with a safe allowable soil pressure of 12,000 PSF.
  - No footing shall be placed without the Architect's approval.
  - No concrete shall be placed in excavations containing water or on frozen ground.
- STRUCTURAL CONCRETE**
- All concrete shall be normal weight USD type concrete and shall have a minimum ultimate compressive strength of 3,750 psi at the age of 28 days.
  - All reinforcing bars shall be new billet steel bars conforming to ASTM A615-60 (Fy = 60,000 psi).
  - Continuous bars shall lap 44 diameters where spliced, but not less than 18 inches. Not more than 1/2 of the bars shall be spliced at any one location.
  - Dowels shall project 44 diameters unless otherwise shown or noted.
  - Reinforce slabs on fill or grade with 6" x 6" No. 6 x No. 6 W/P placed 2" clear from top of slab.
  - All details, sections, and notes shown on the drawings are intended to be typical and shall apply to similar situations elsewhere unless otherwise shown or noted.
  - Refer to Architectural, Mechanical and Electrical drawings for additional openings, depressions, curbs, floor finishes, inserts, and other embedded items.
- STRUCTURAL STEEL**
- All structural steel shall conform to ASTM A36 (Fy = 36,000 psi).
  - Connections and details are subject to Architect's approval.
  - Bolts shall be 3/4" diameter ASTM A325 in friction type connections.
  - All welds shall be visually inspected.
- MASONRY**
- All concrete masonry shall conform to "Specifications for the Design and Construction of Load Bearing Concrete Masonry" by National Concrete Masonry Association and shall be hollow masonry units, except where noted on the drawings as solid units, made from lightweight aggregate (Type 1, Grade II-1).
  - All mortar for concrete masonry shall conform to ASTM C270 Type M mortar made from a mixture of portland cement, lime and aggregate.
  - The course of concrete masonry units supporting concentrated loads from joists, beams and lintels shall be solid masonry obtained by using solid or concrete filled units for a minimum of 8" in height.
  - All masonry walls shall be reinforced with "Duro-Wall" of standard weight (galvanized) at every second course.
- DESIGN LIVE LOADS**
- Ground floor (between column lines H and P) 75 PSF



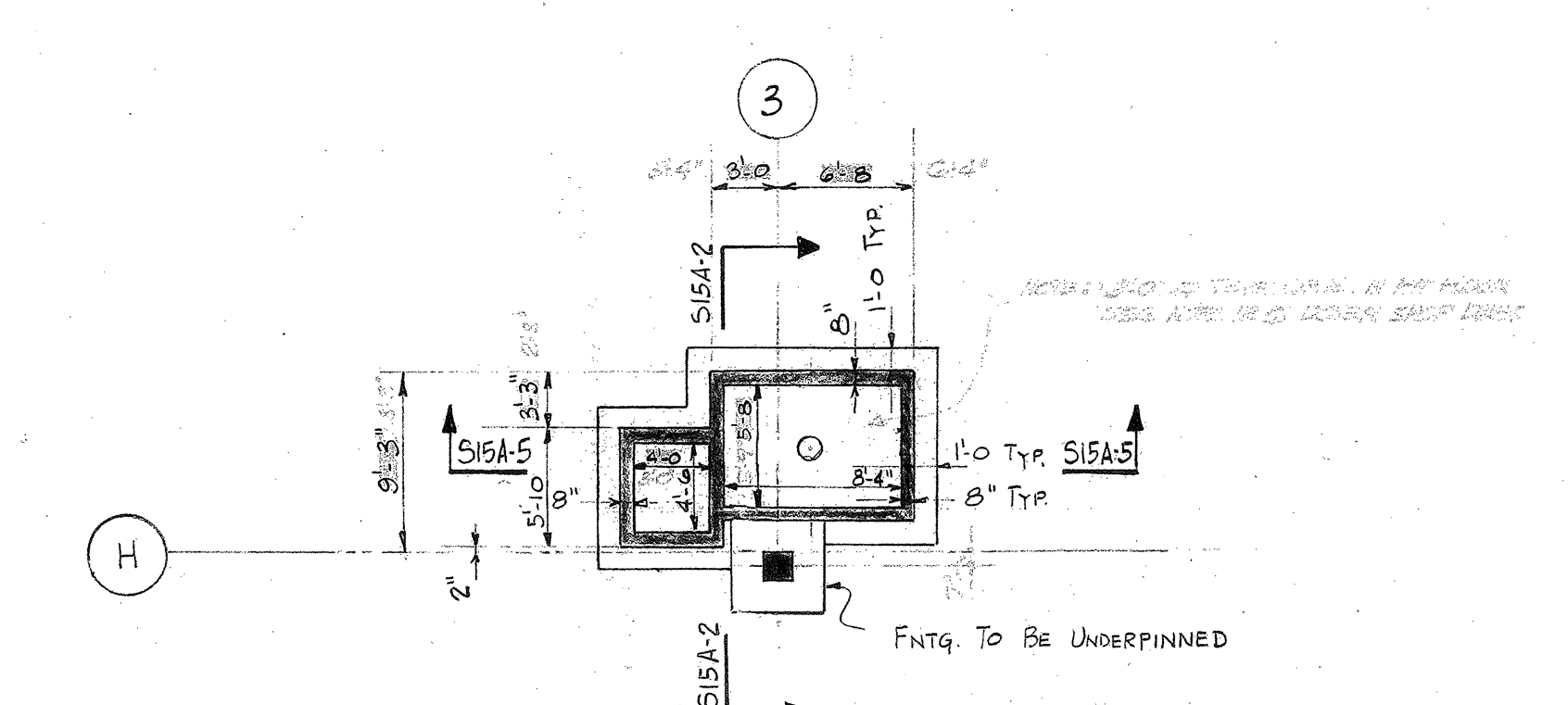
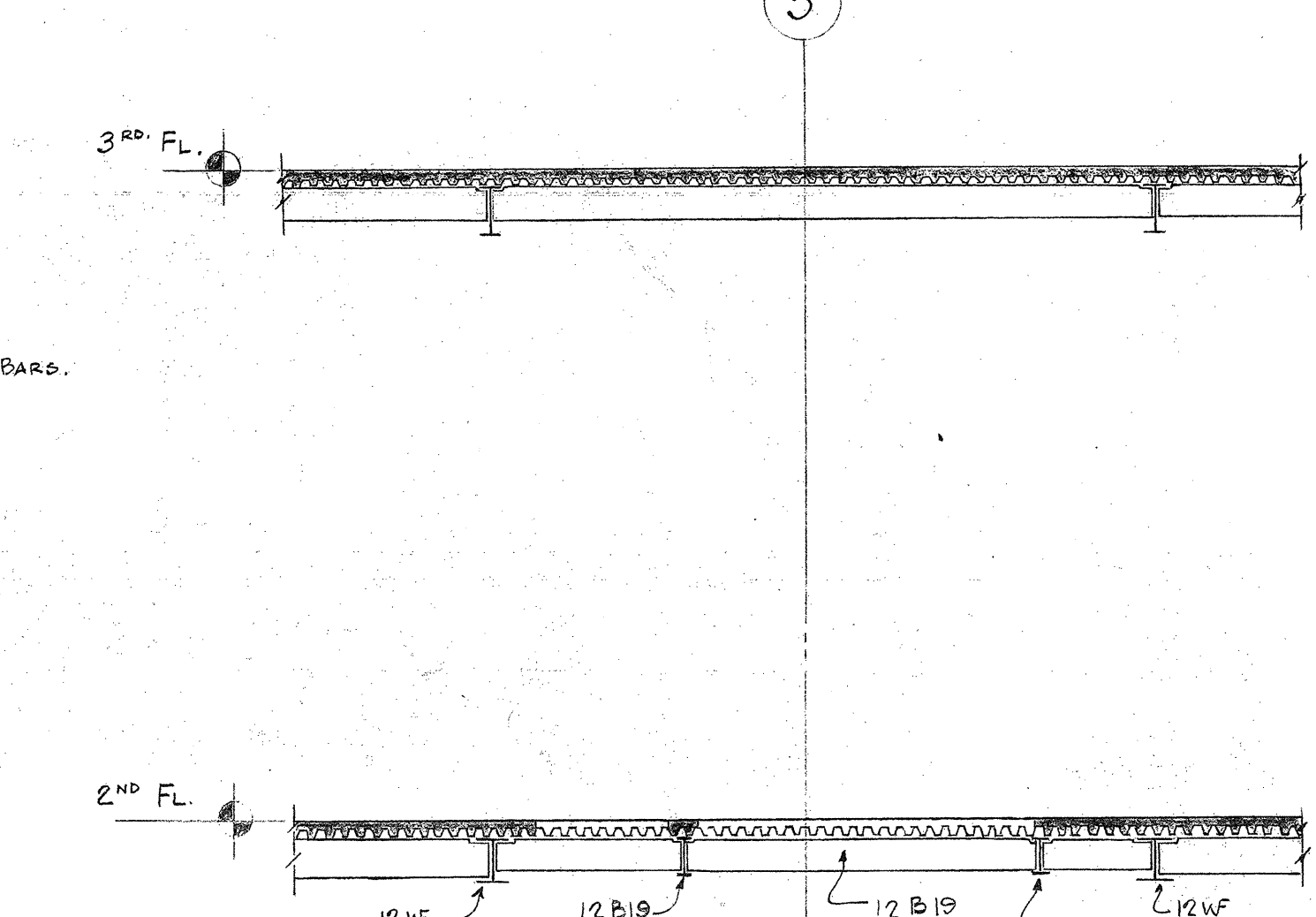
PARTIAL 2<sup>ND</sup> FLOOR FRAMING PLAN  
SCALE 3/8" = 1'-0"



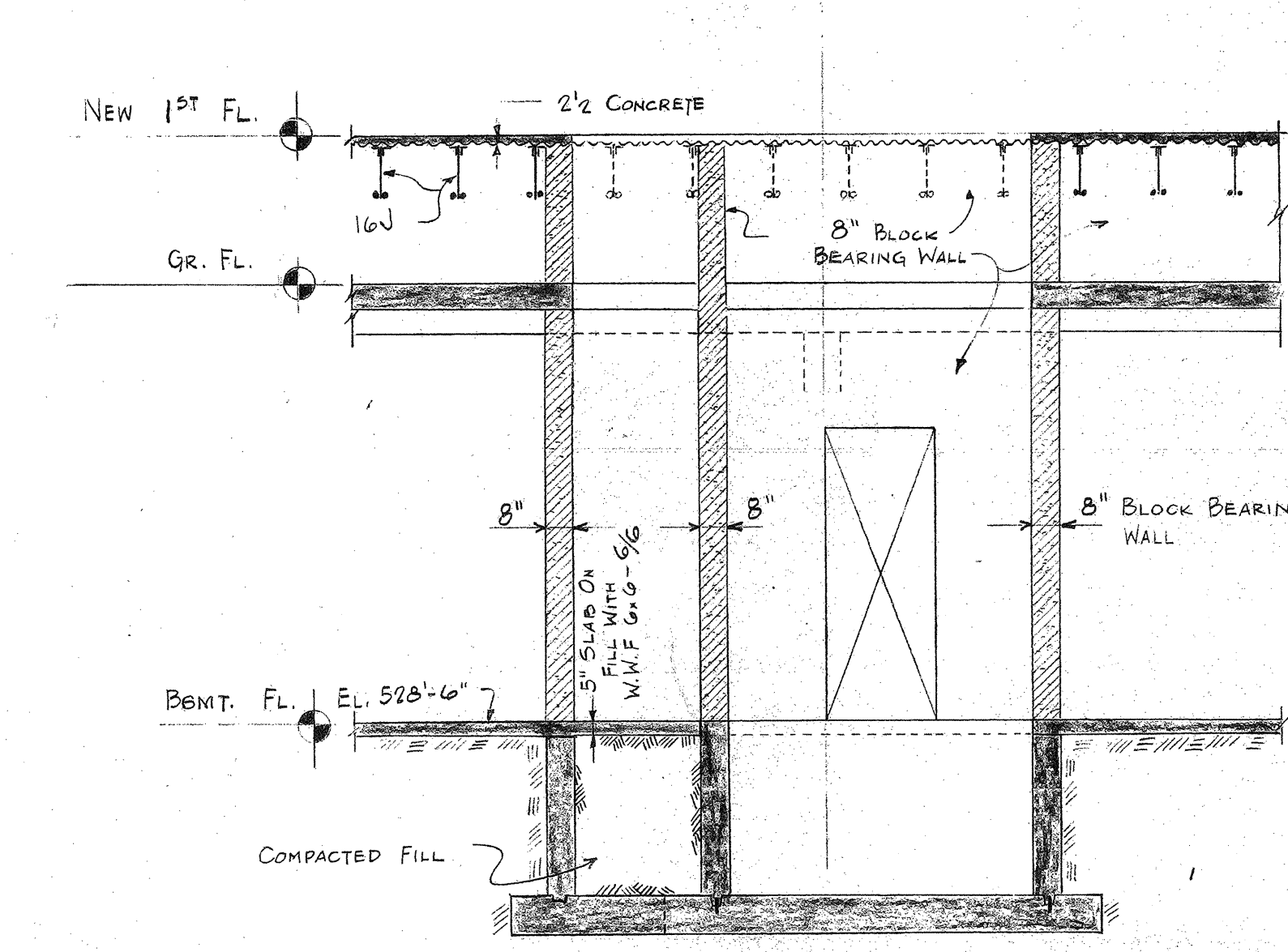
WALL CORNER DETAIL



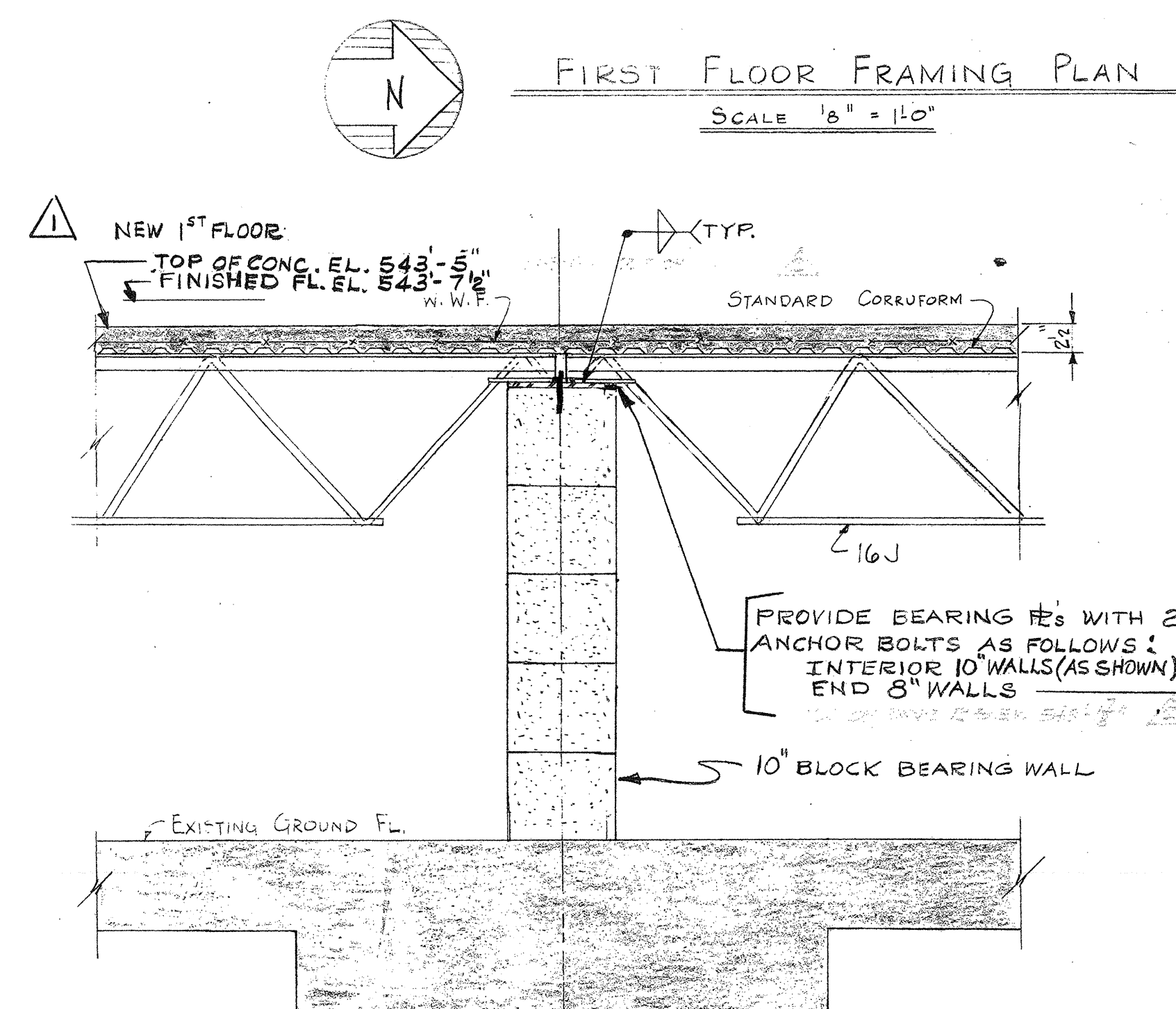
WALL INTERSECTION DETAIL



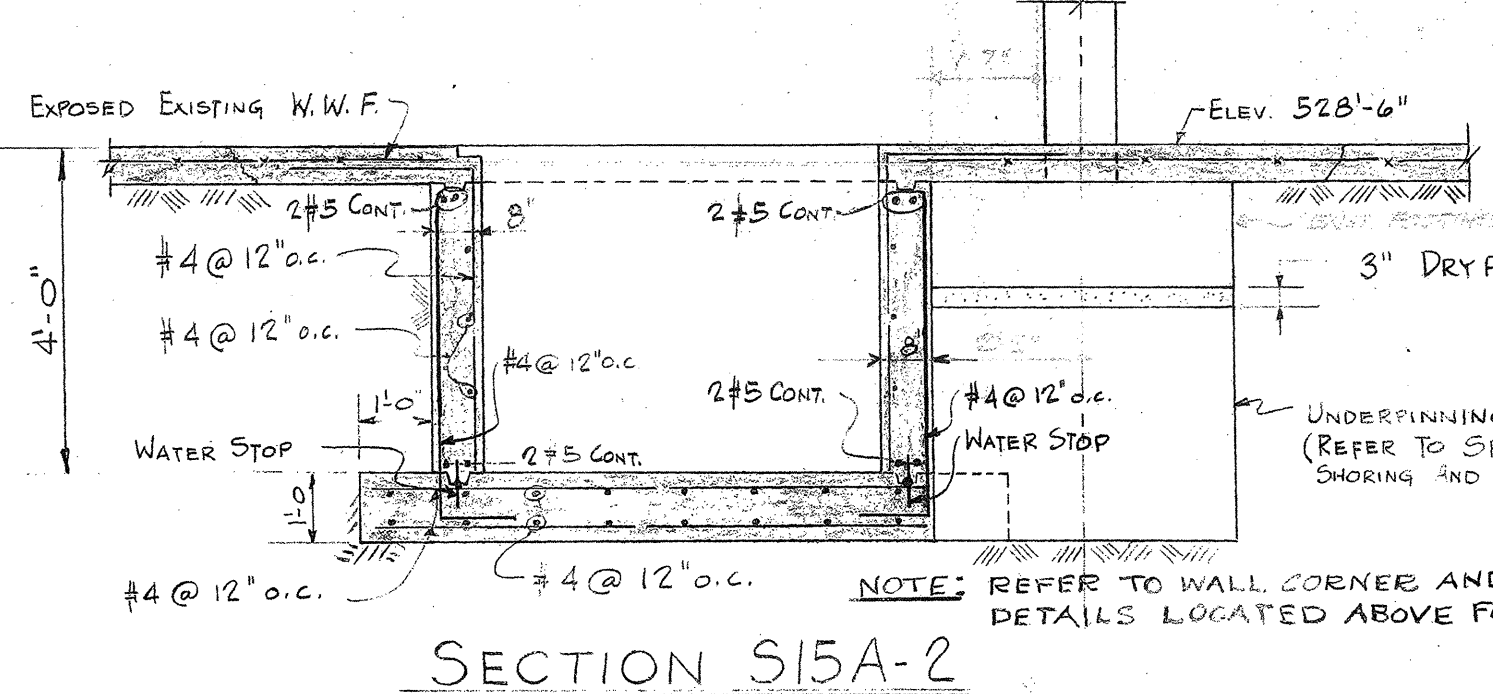
NOTE: COORDINATE ALL DIMENSIONS AND DETAILS WITH ARCHITECTURAL & ELEVATOR DRAWINGS.  
FOUNDATION PLAN  
SCALE 3/8" = 1'-0"



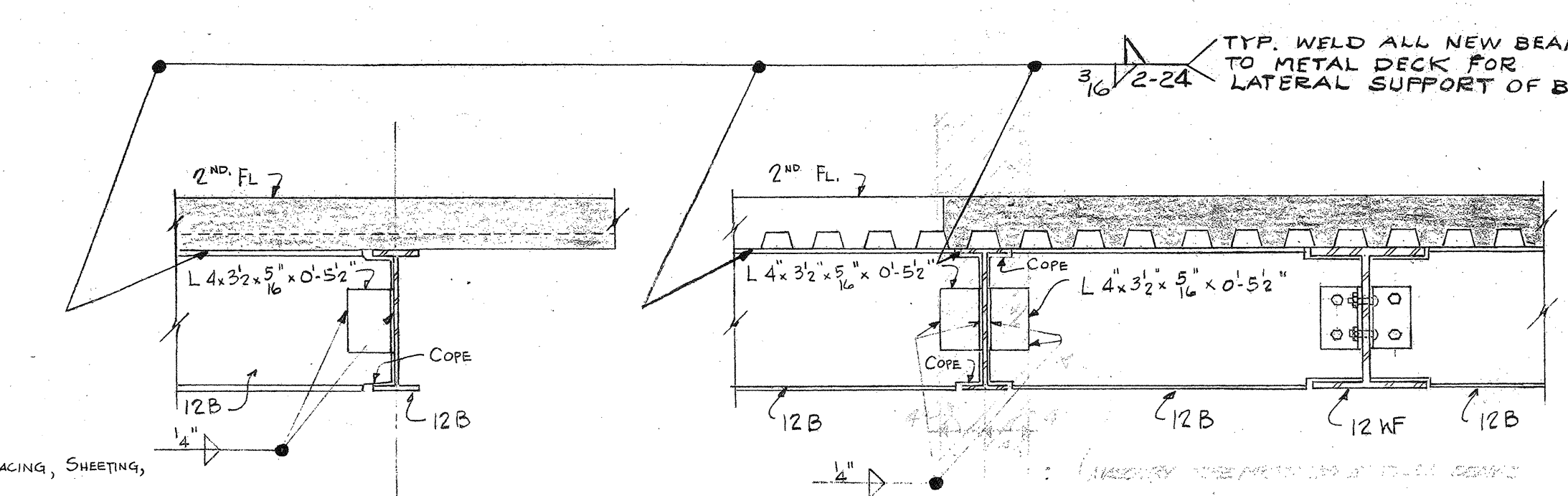
SECTION S15A-5  
SCALE 1/2" = 1'-0"



SECTION S15A-1  
SCALE 1" = 1'-0"

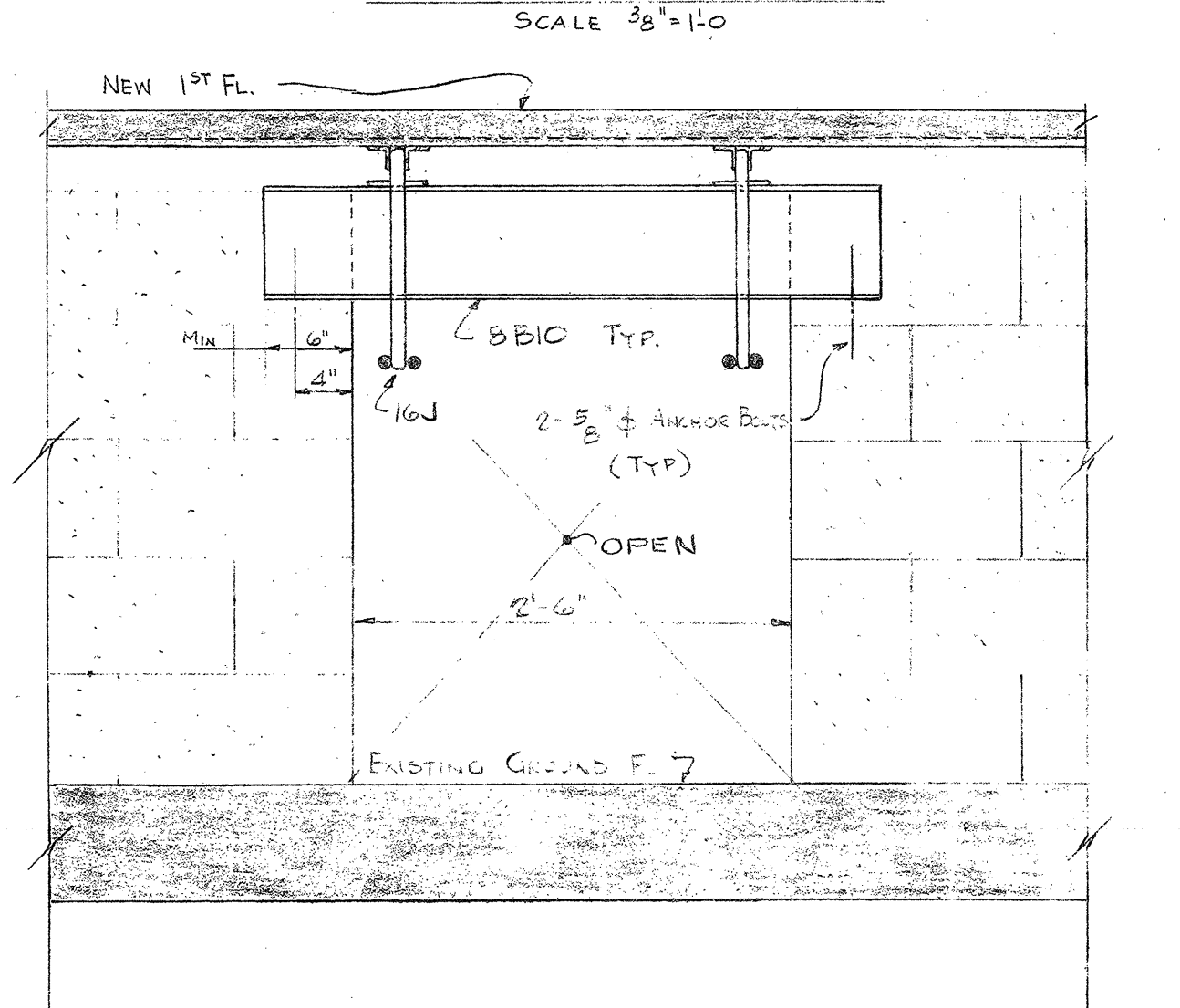


SECTION S15A-2  
SCALE 3/8" = 1'-0"

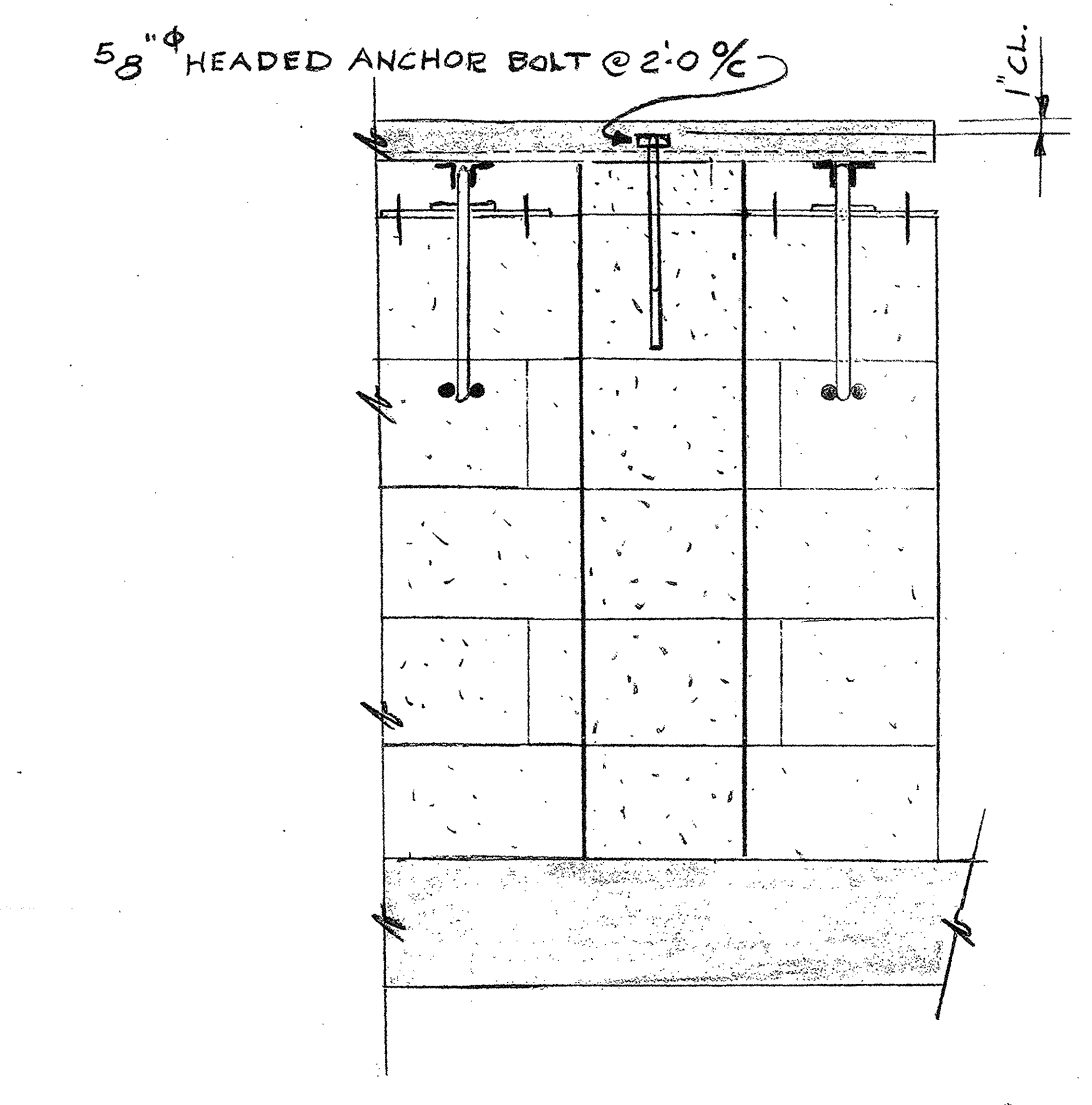


SECTION S15A-3  
SCALE 1" = 1'-0"

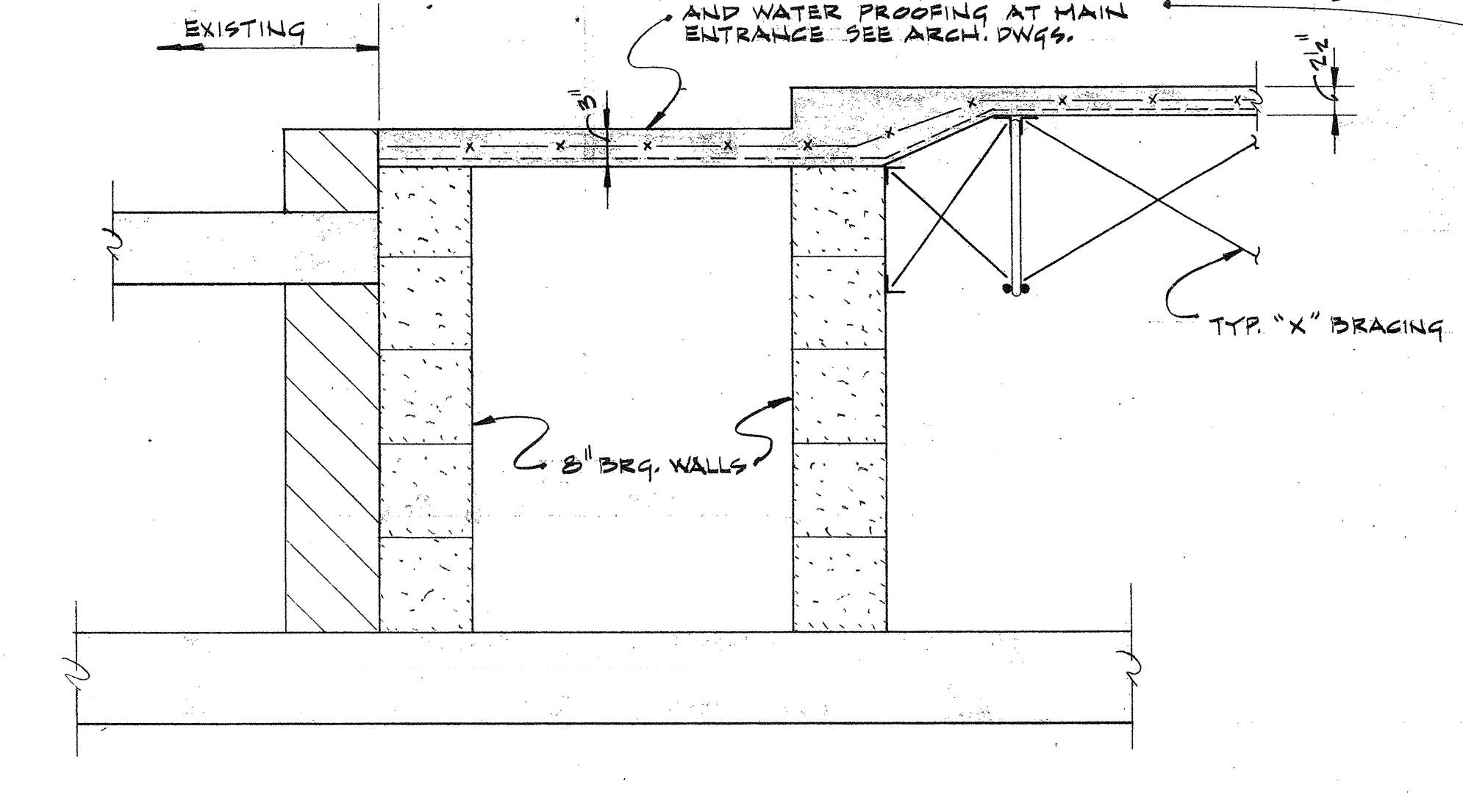
SECTION S15A-4  
SCALE 1" = 1'-0"



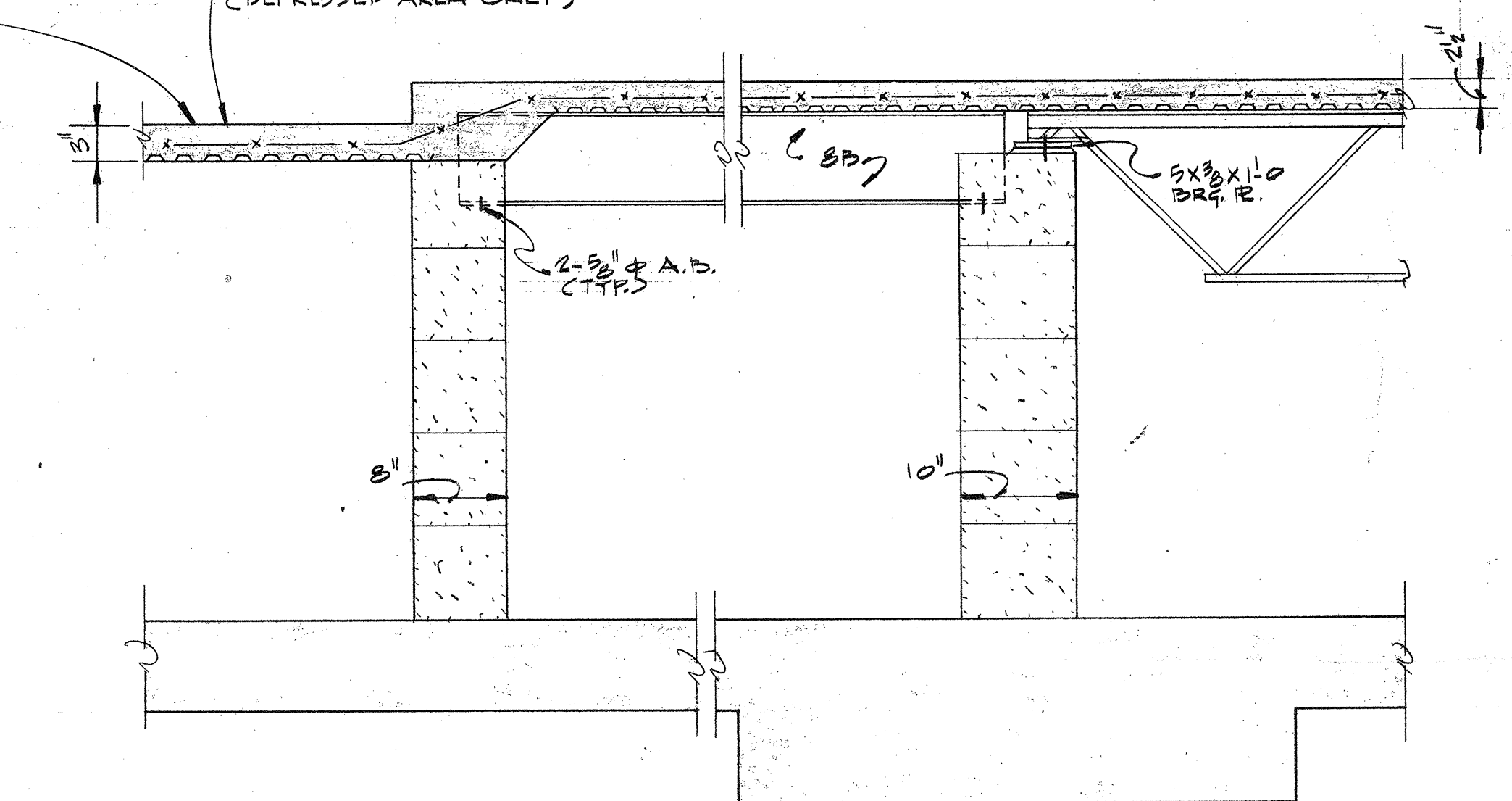
SECTION S15A-6  
SCALE 3/8" = 1'-0"



SECTION S15A-7  
SCALE 1" = 1'-0"



SECTION S15A-8  
SCALE 1" = 1'-0"



SECTION S15A-9  
SCALE 1" = 1'-0"

10-15-70 DEPRESSED SLAB AT MAIN ENTRANCE 1<sup>ST</sup> FLOOR ELEVATION CHANGE

**CINCINNATI BLOCK "B"**  
CINCINNATI, OHIO

HARRY WEESE & ASSOCIATES  
architects & engineers  
THE ENGINEERS COLLABORATIVE  
structural engineers  
COSENTINI ASSOCIATES  
consulting engineers  
chicago  
chicago  
chicago

100 NO.  
ISSUE DATE  
DRAWN  
CHECKED  
APPROVED FOR ARCHITECT  
APPROVED FOR ENGINEER

S15-A