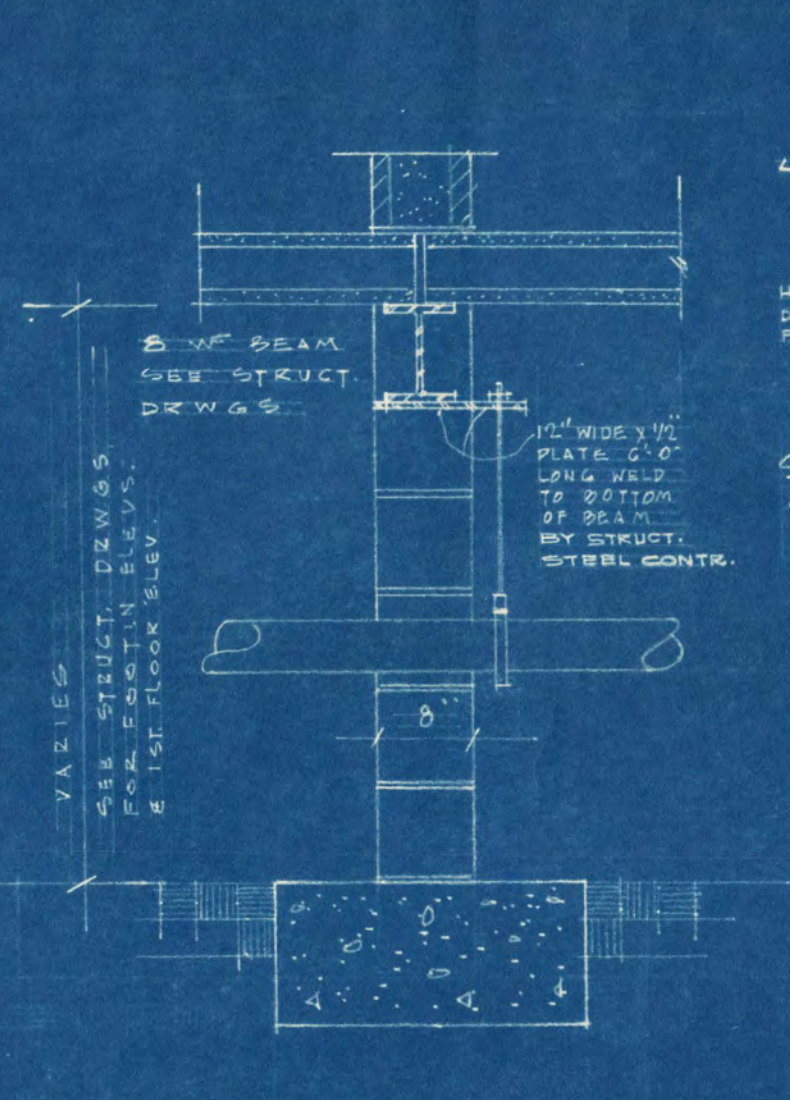
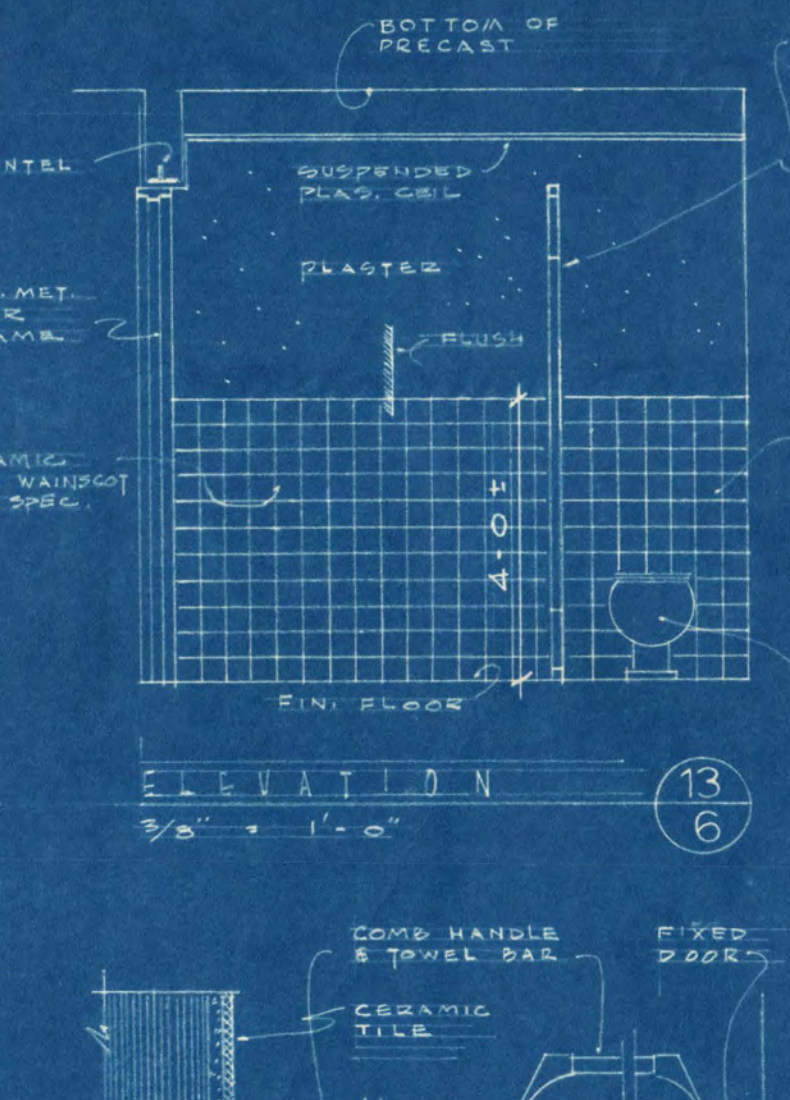


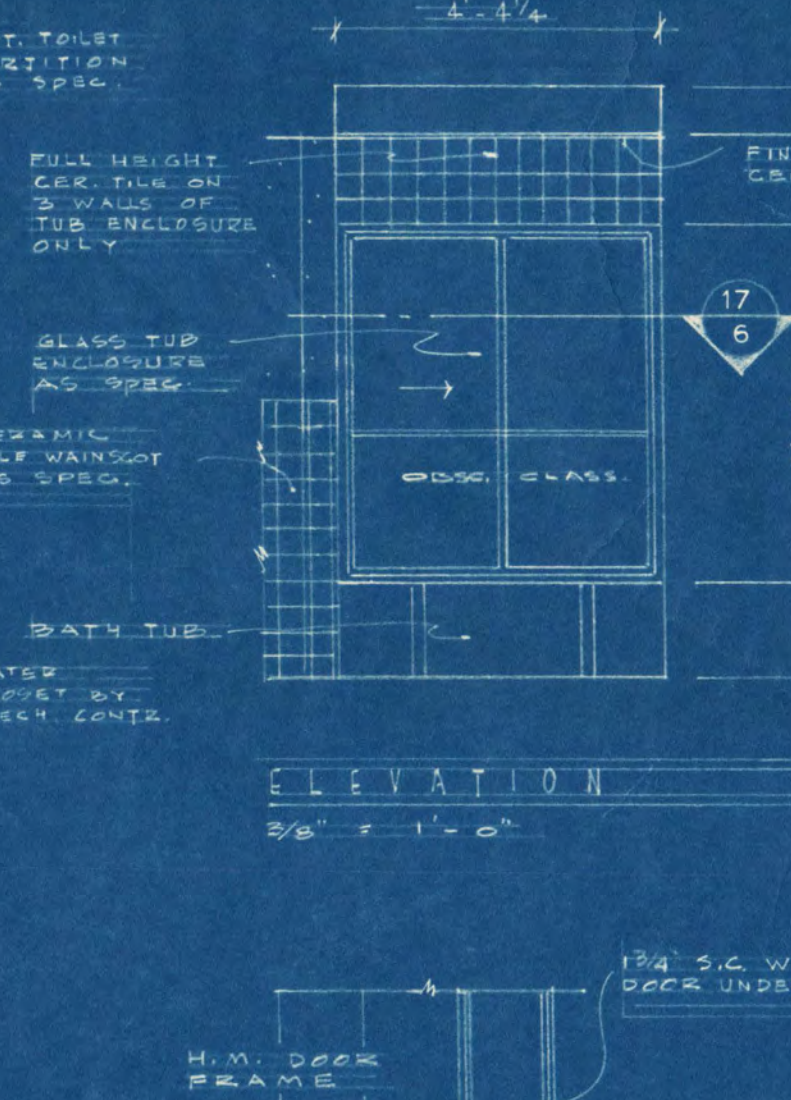
TYPICAL ELEVATION ACCESS OPENING & OPENING FOR PIPING SUSPENSION SYSTEM IN CRAWL SPACES AT 8" BEARING FOUNDATION WALLS



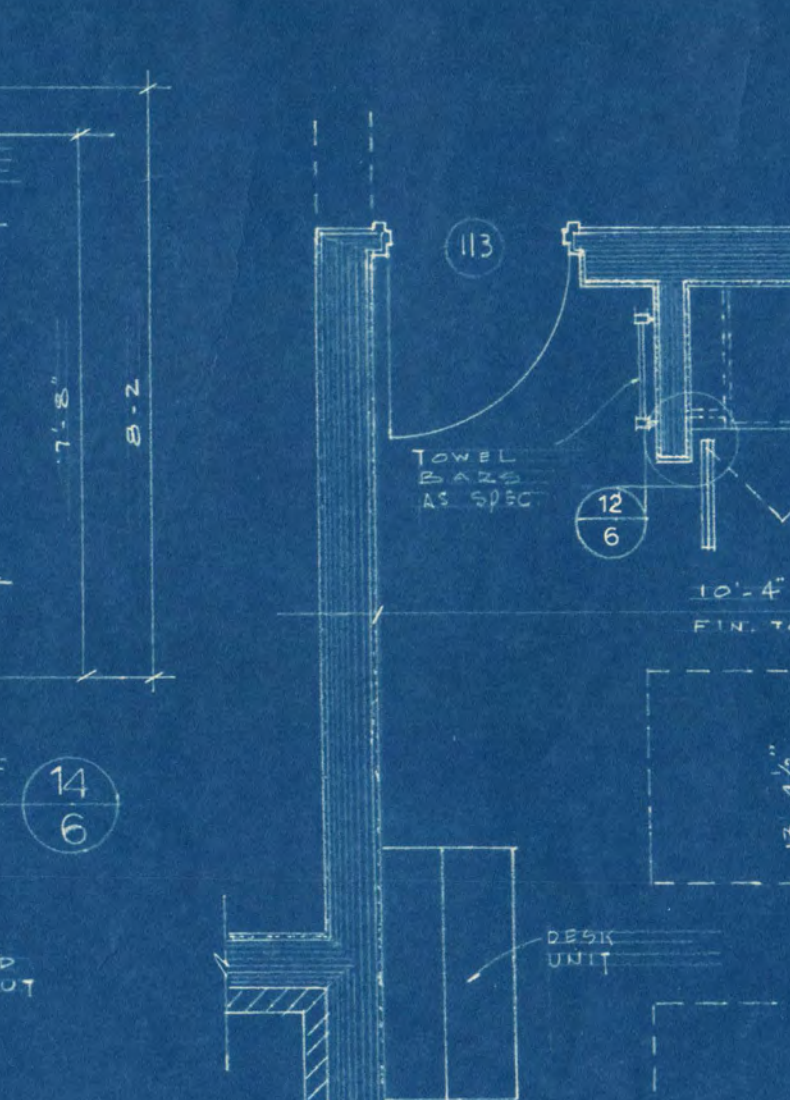
SECTION



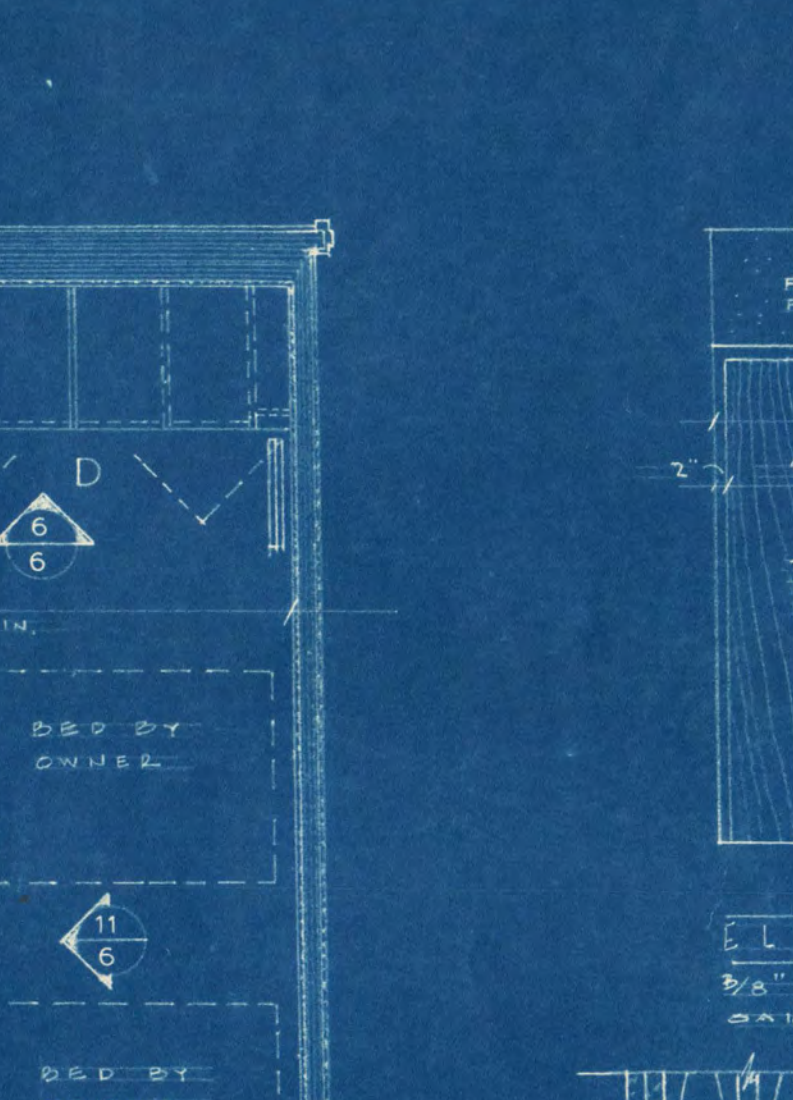
ELEVATION



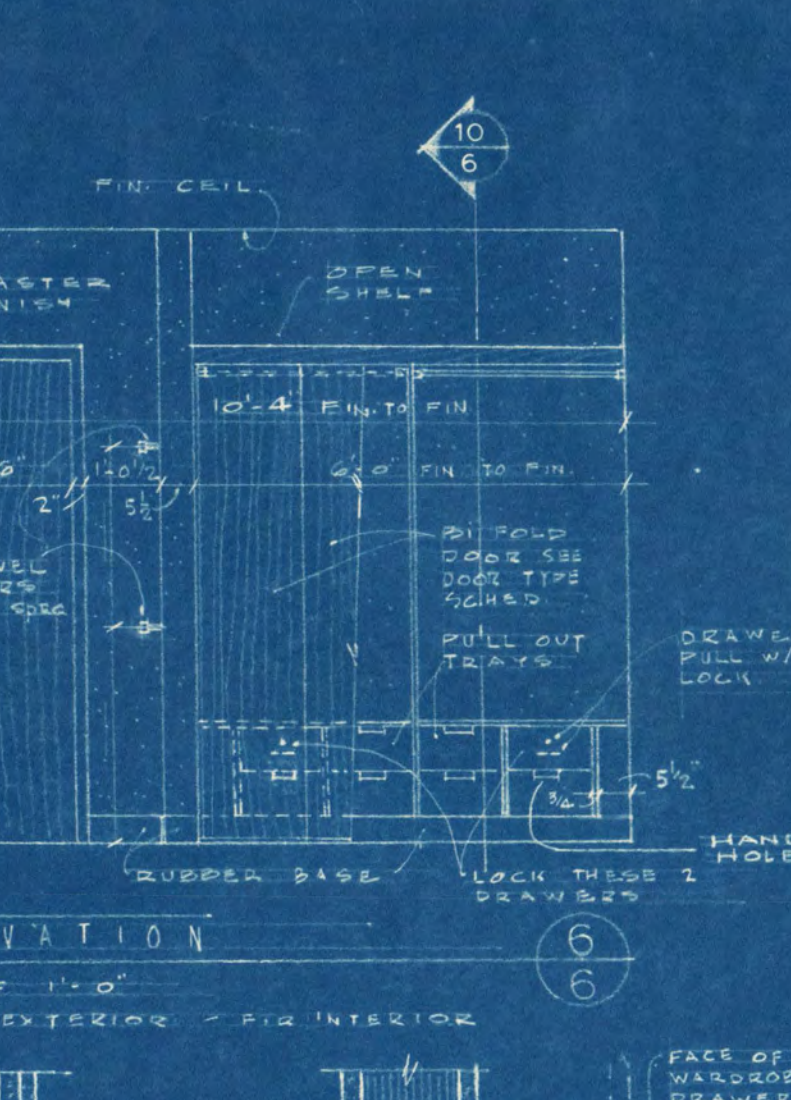
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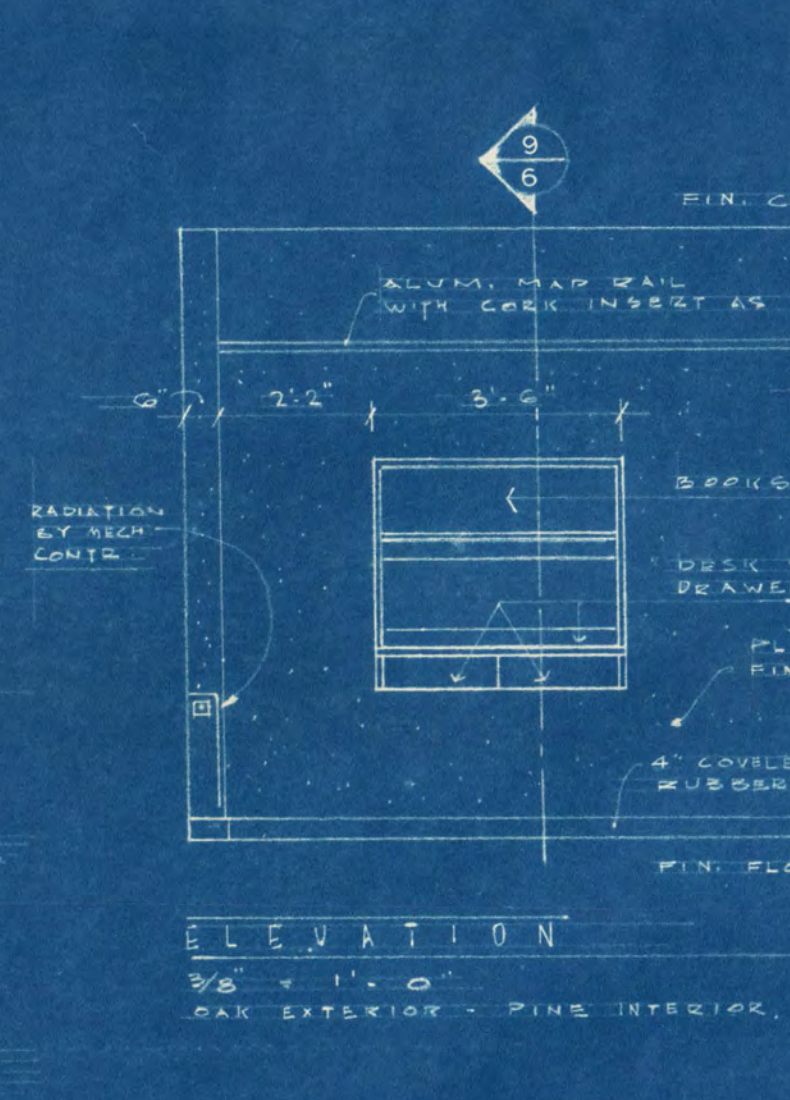
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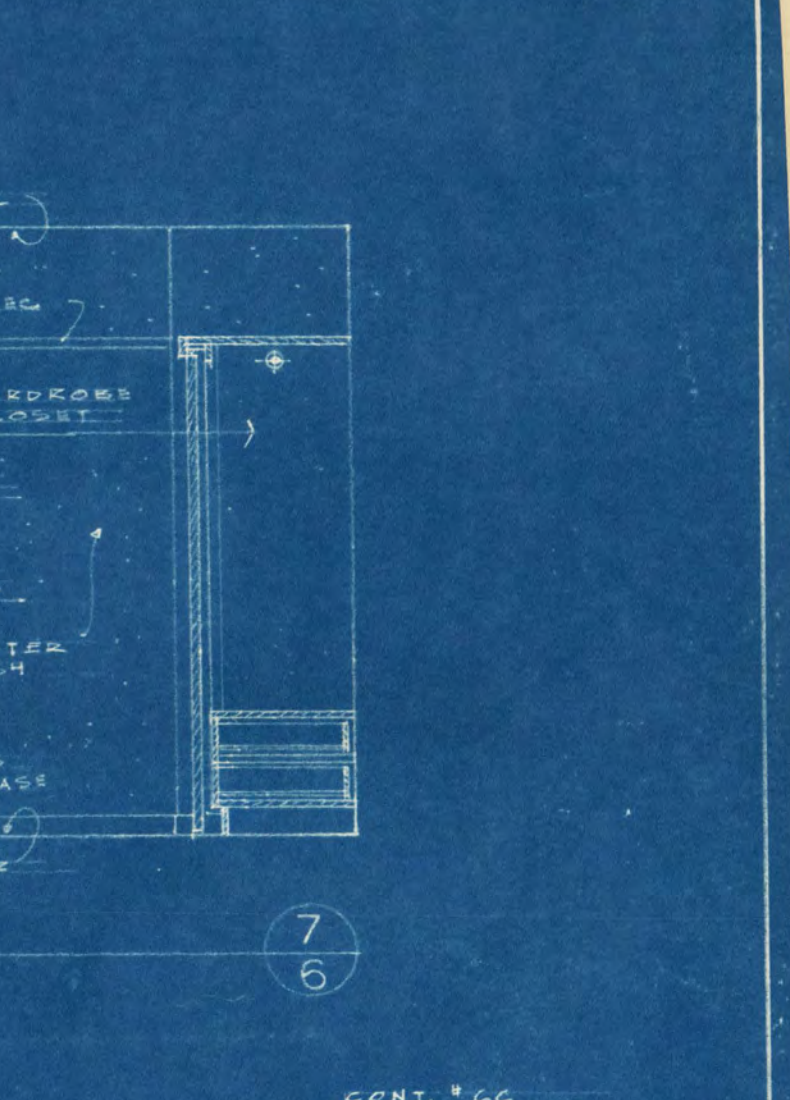
ELEVATION



ELEVATION



ELEVATION



ELEVATION

TYPICAL ELEVATION ACCESS OPENING & OPENING FOR PIPING SUSPENSION SYSTEM IN CRAWL SPACES AT 8" BEARING FOUNDATION WALLS

SECTION

ELEVATION

ELEVATION

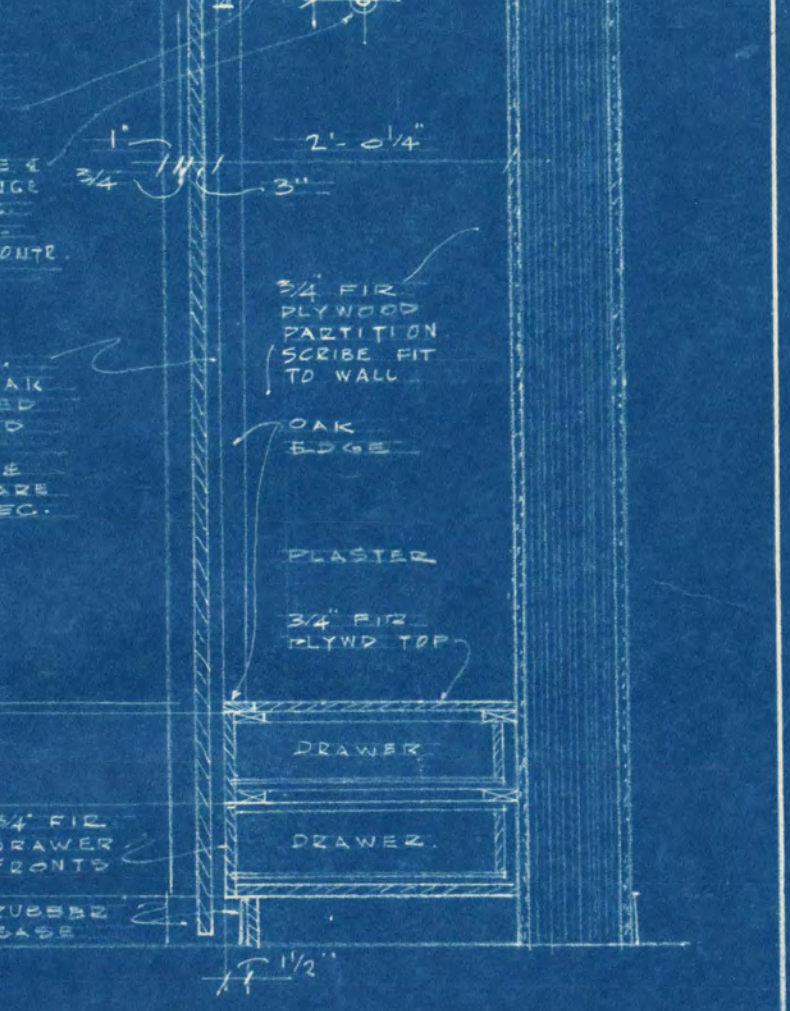
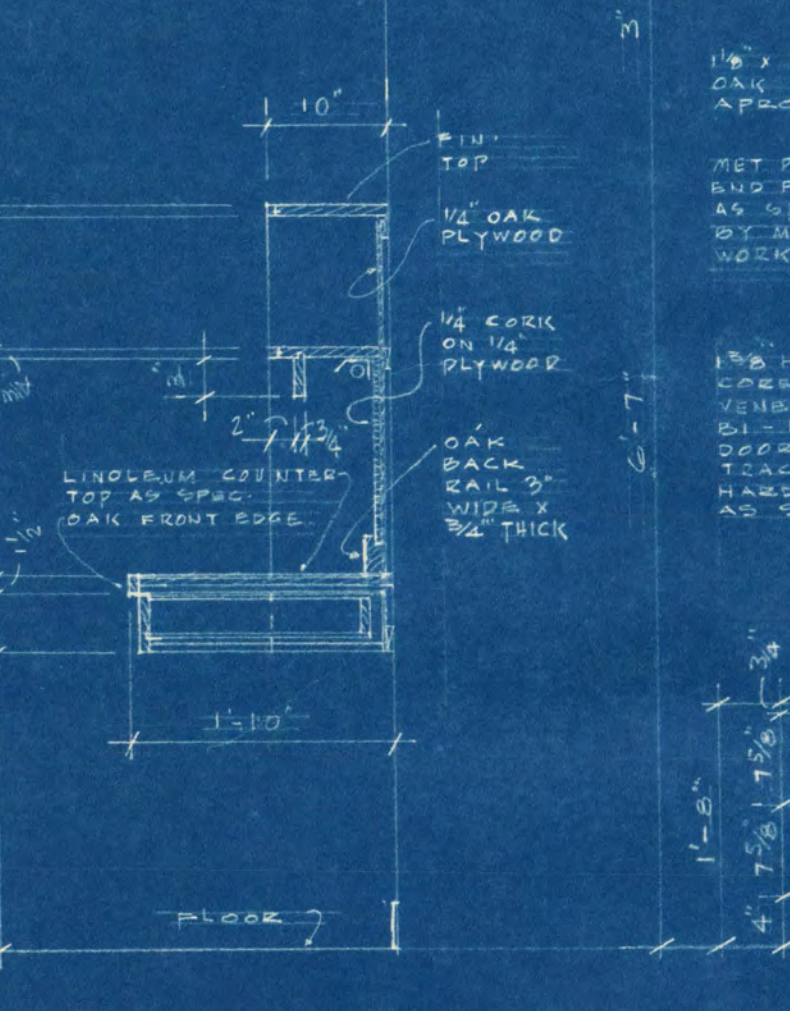
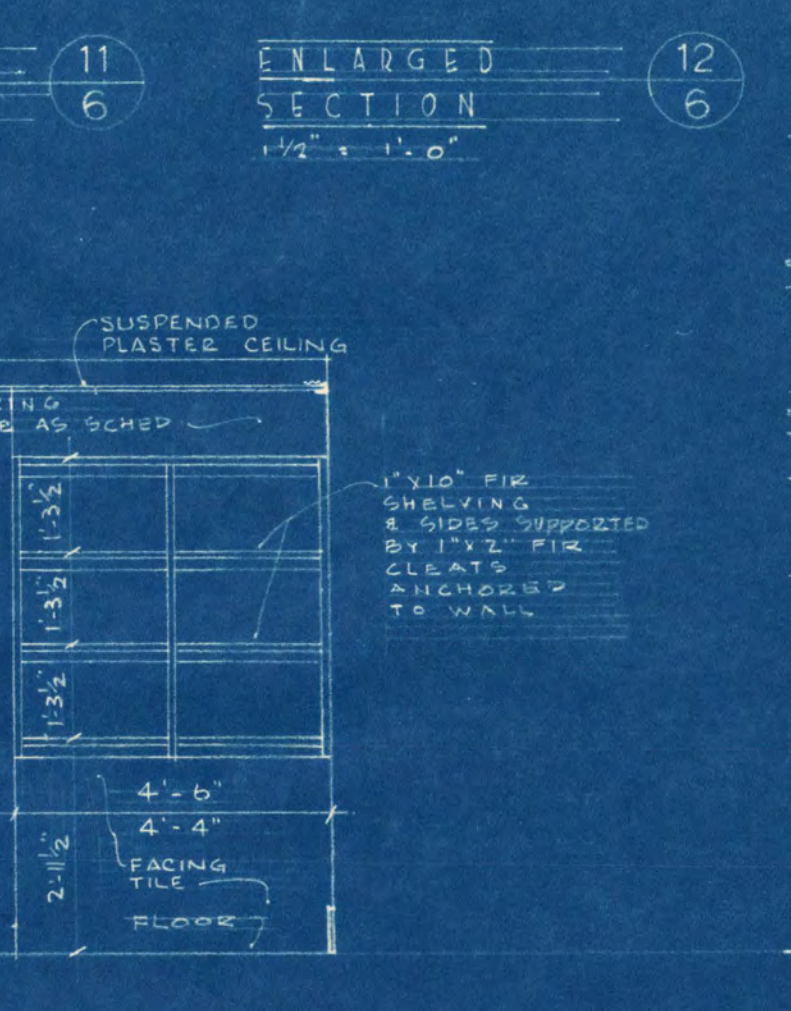
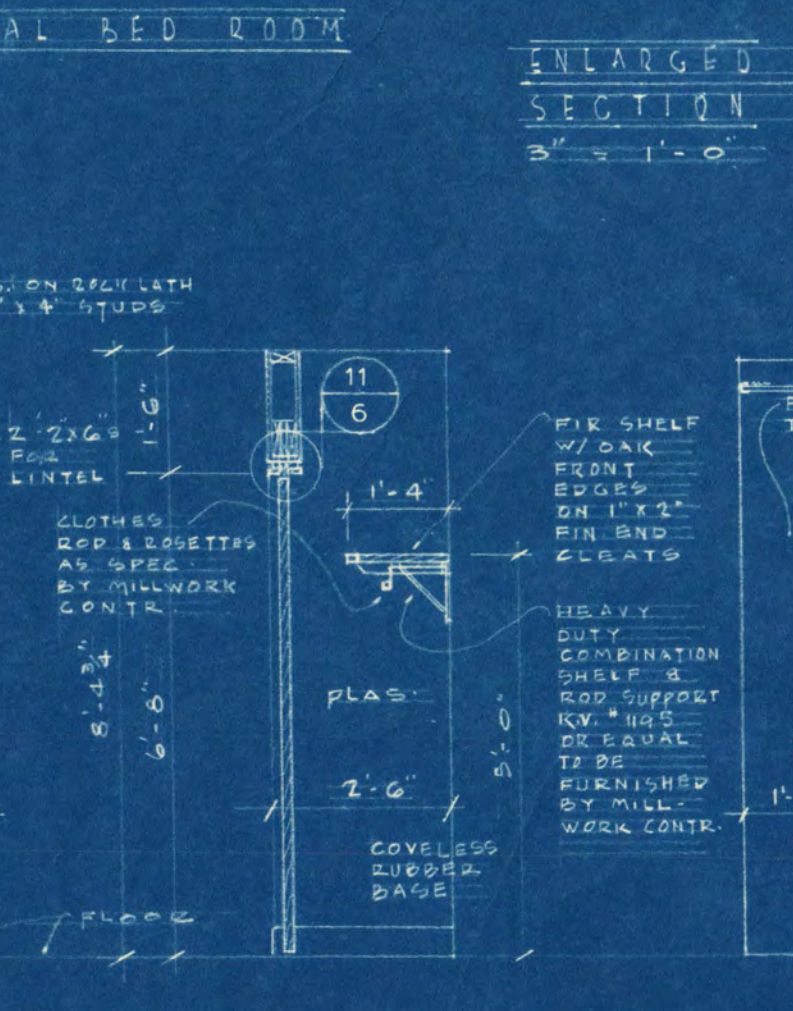
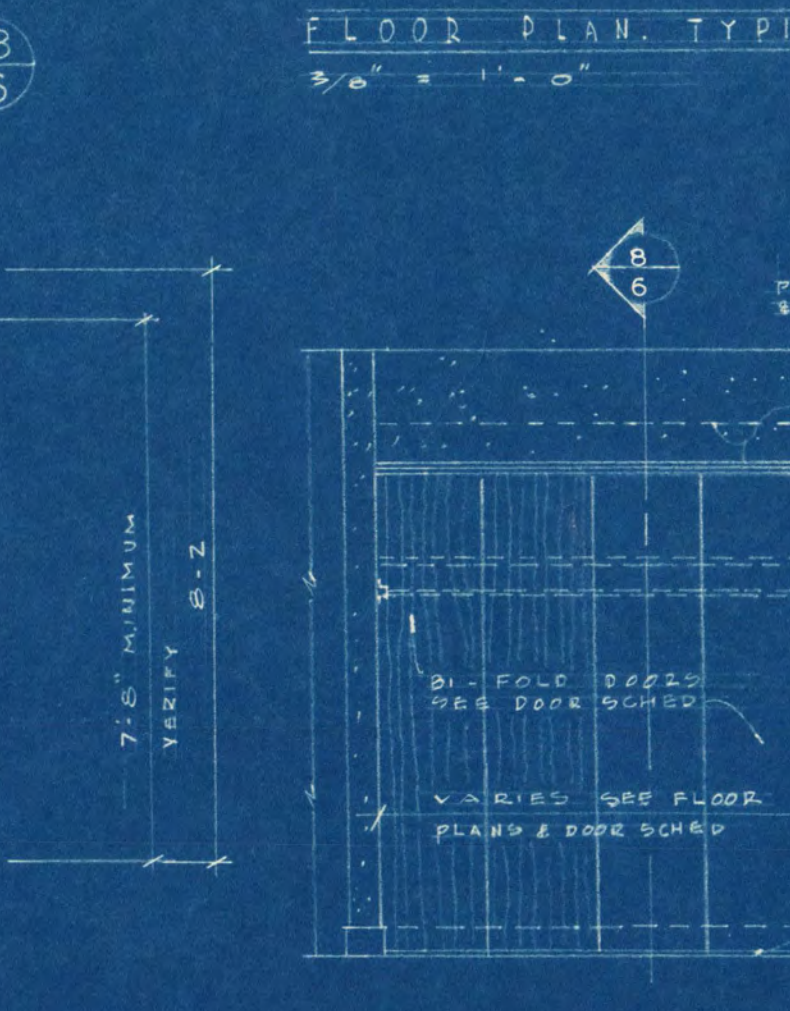
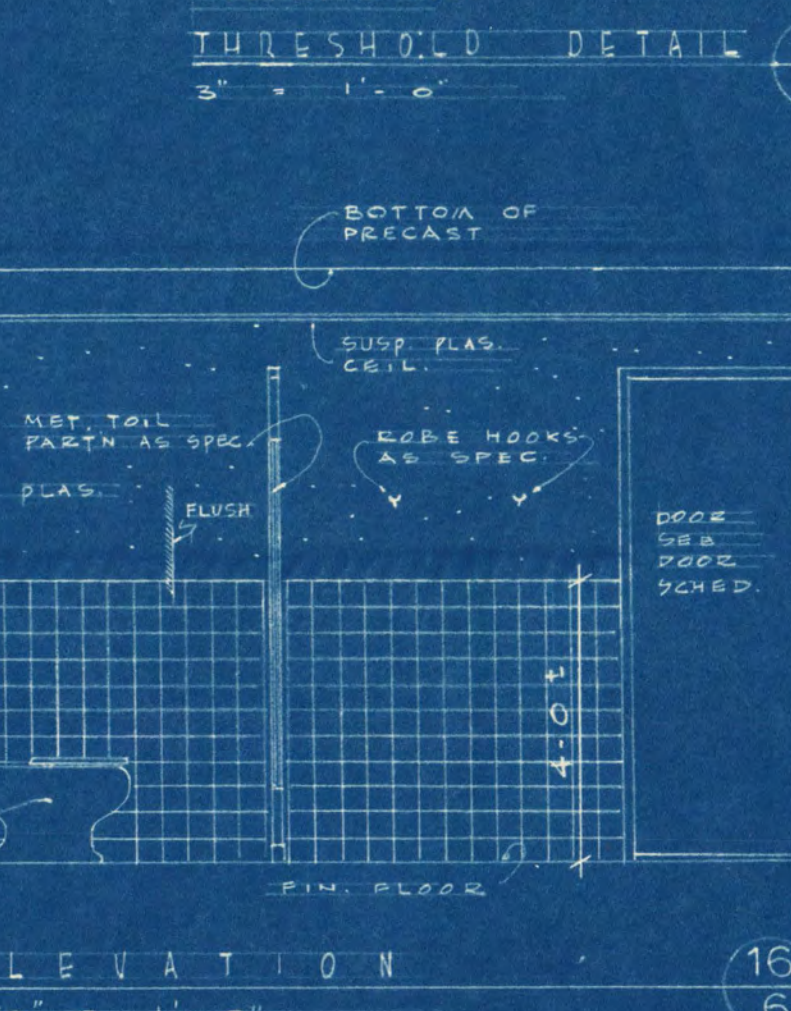
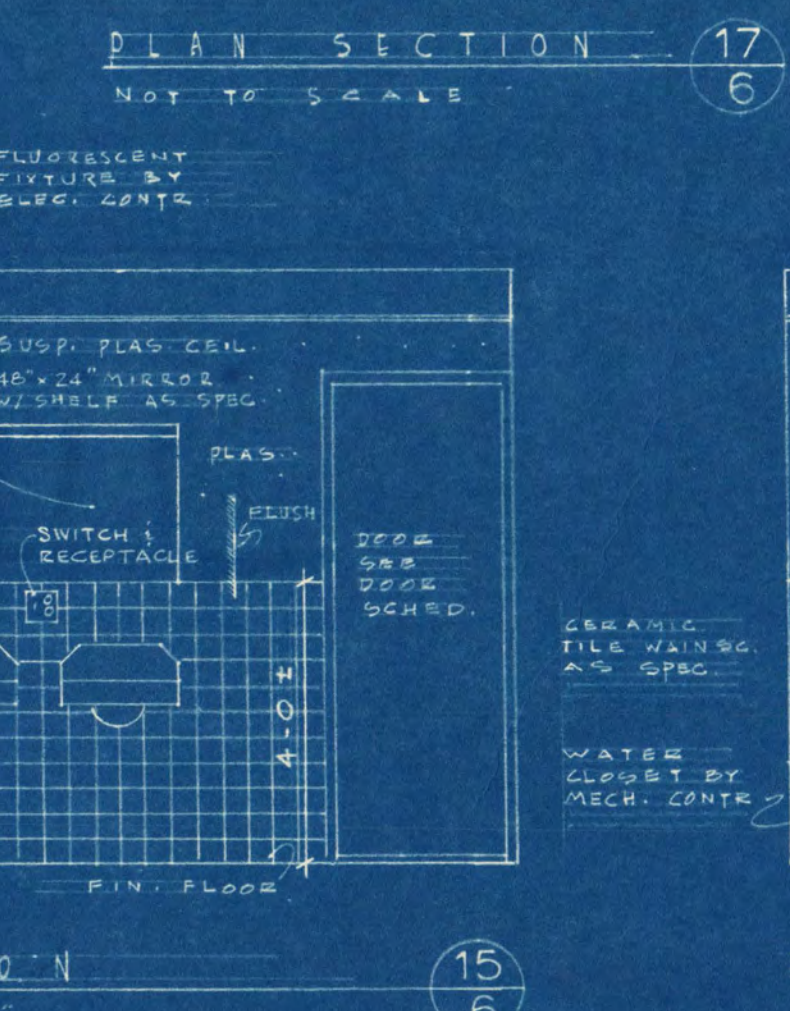
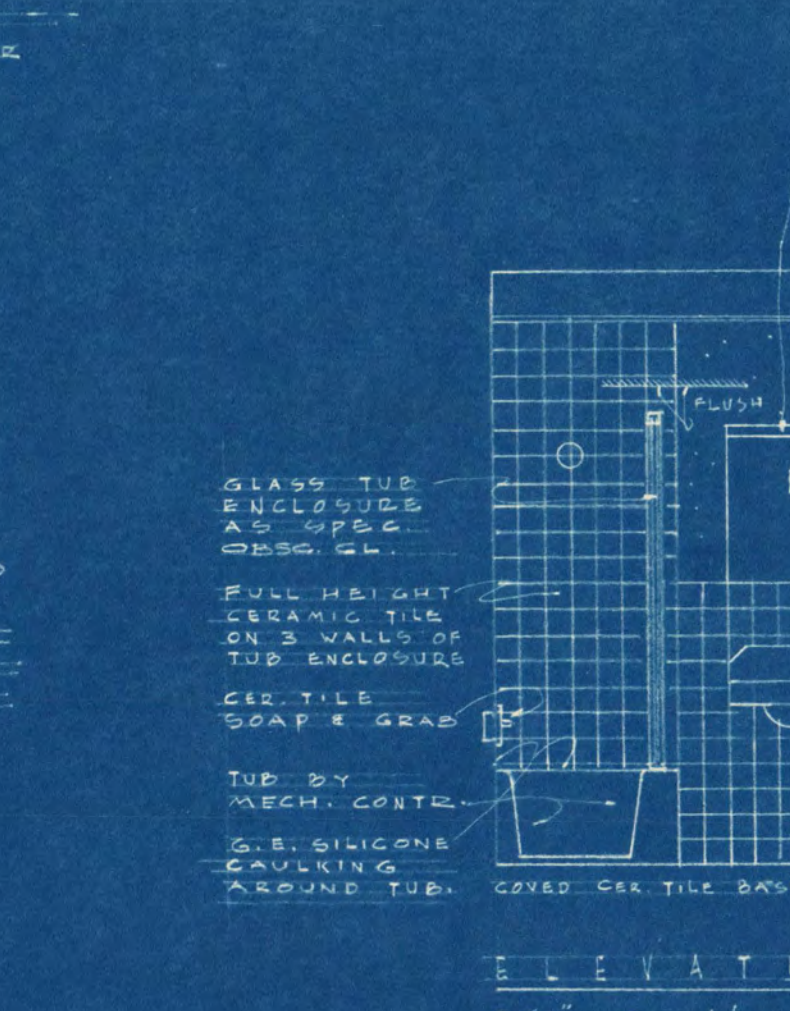
ELEVATION

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ELEVATION

ELEVATION



TYPICAL ELEVATION ACCESS OPENING & OPENING FOR PIPING SUSPENSION SYSTEM IN CRAWL SPACES AT 8" BEARING FOUNDATION WALLS

SECTION

ELEVATION

ELEVATION

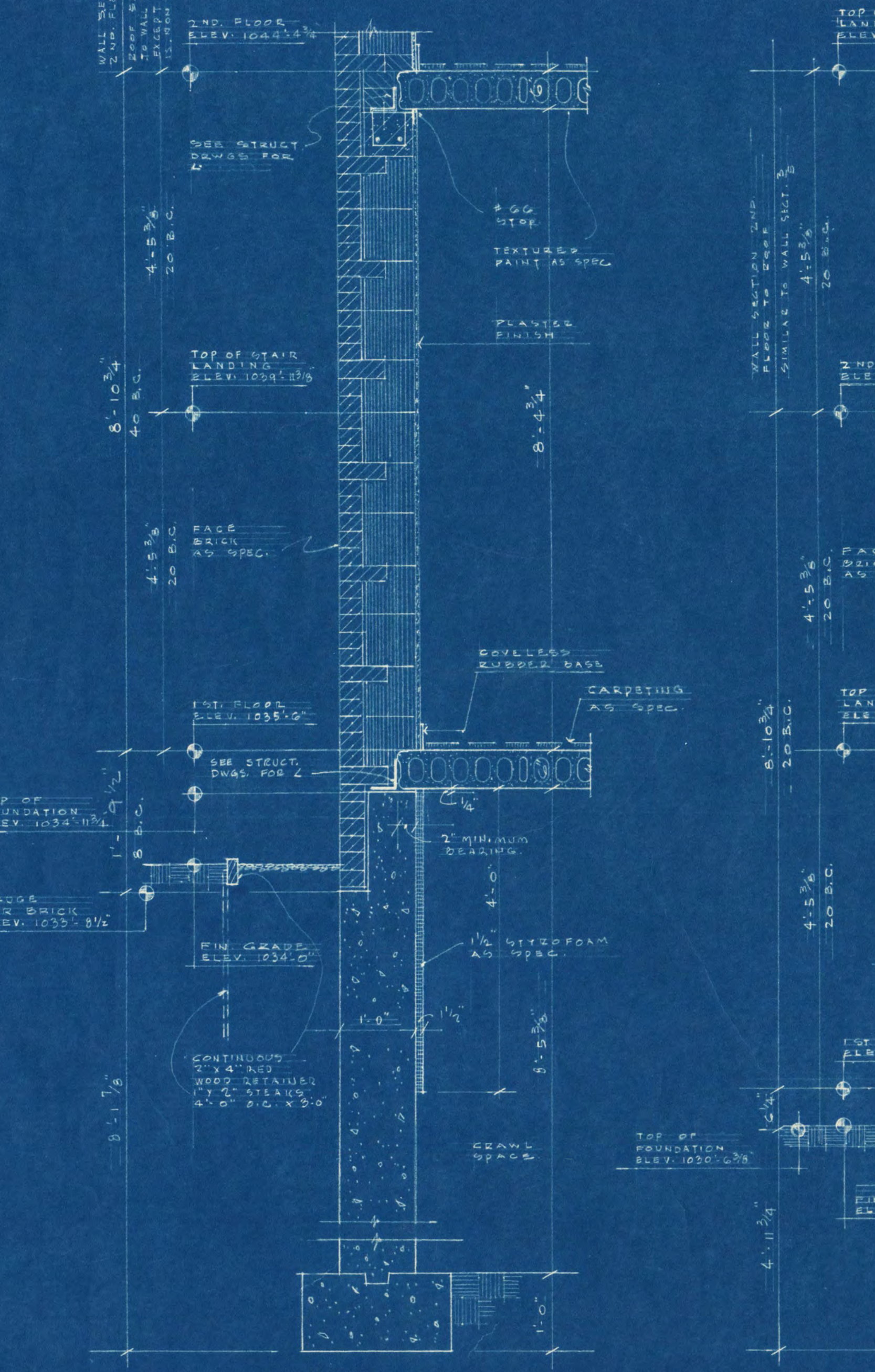
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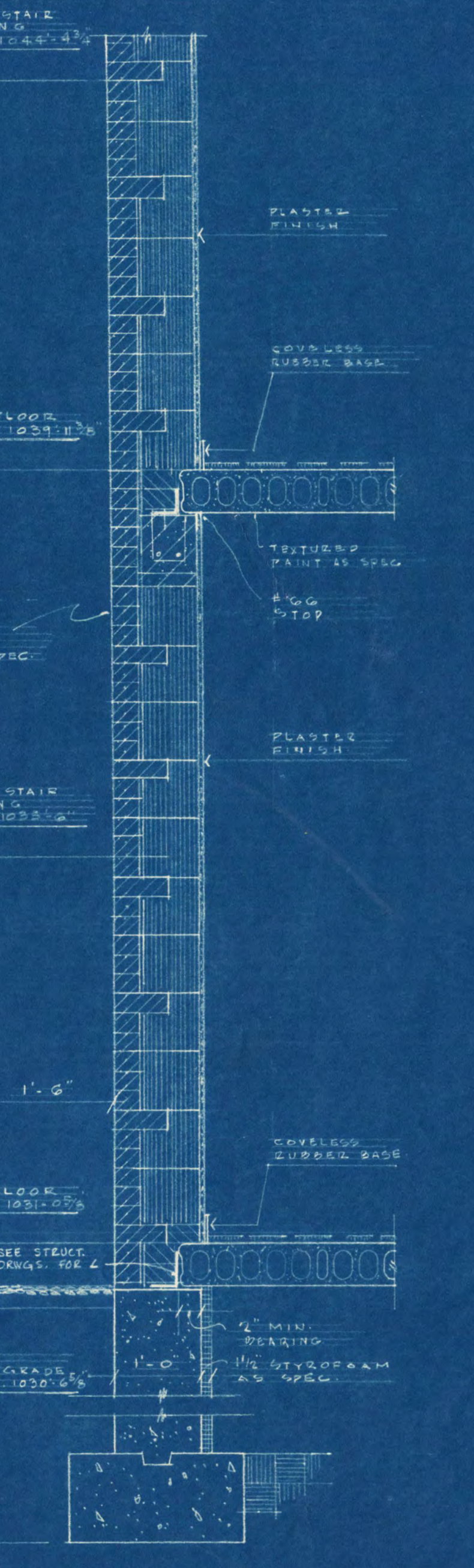
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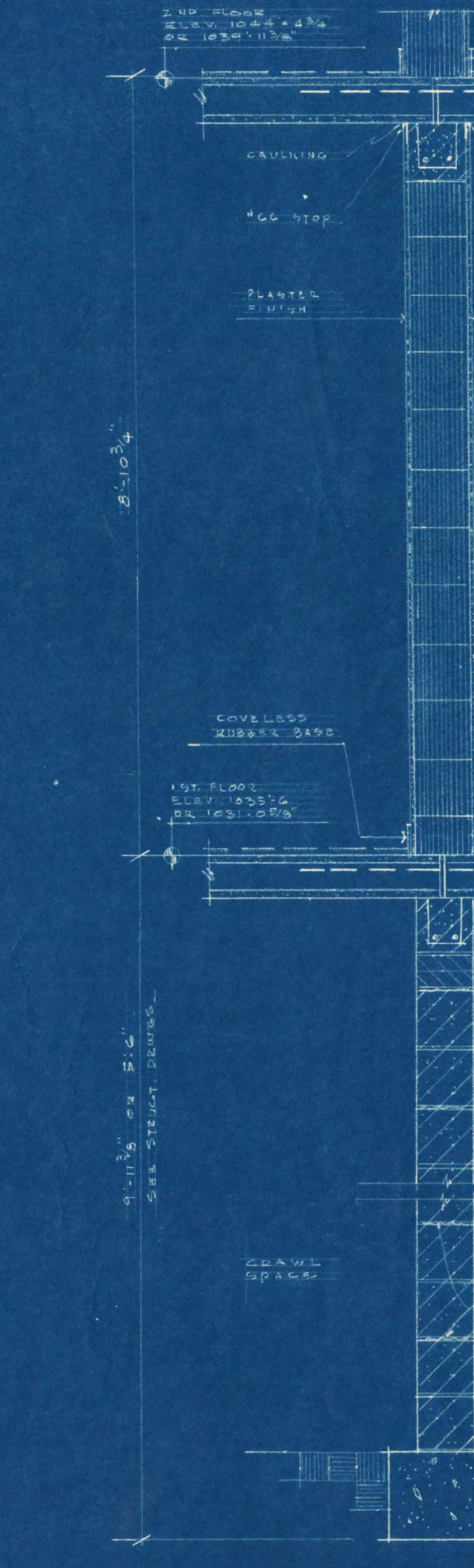
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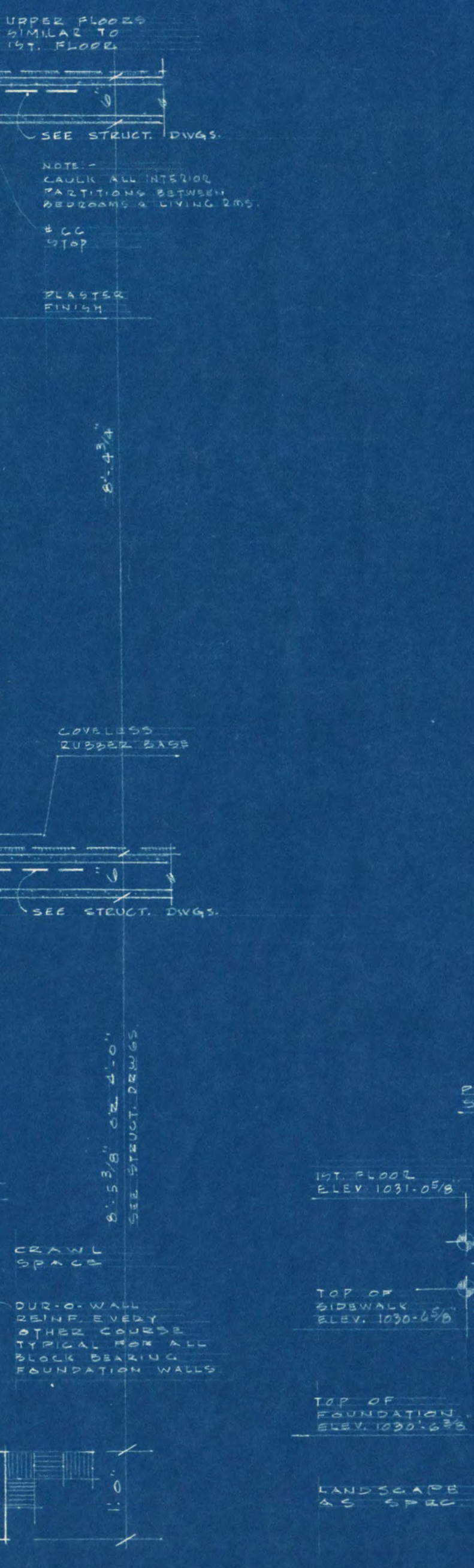
TYPICAL WALL SECTION AT NON-BEARING WALL 3 STORIES ABOVE GRADE



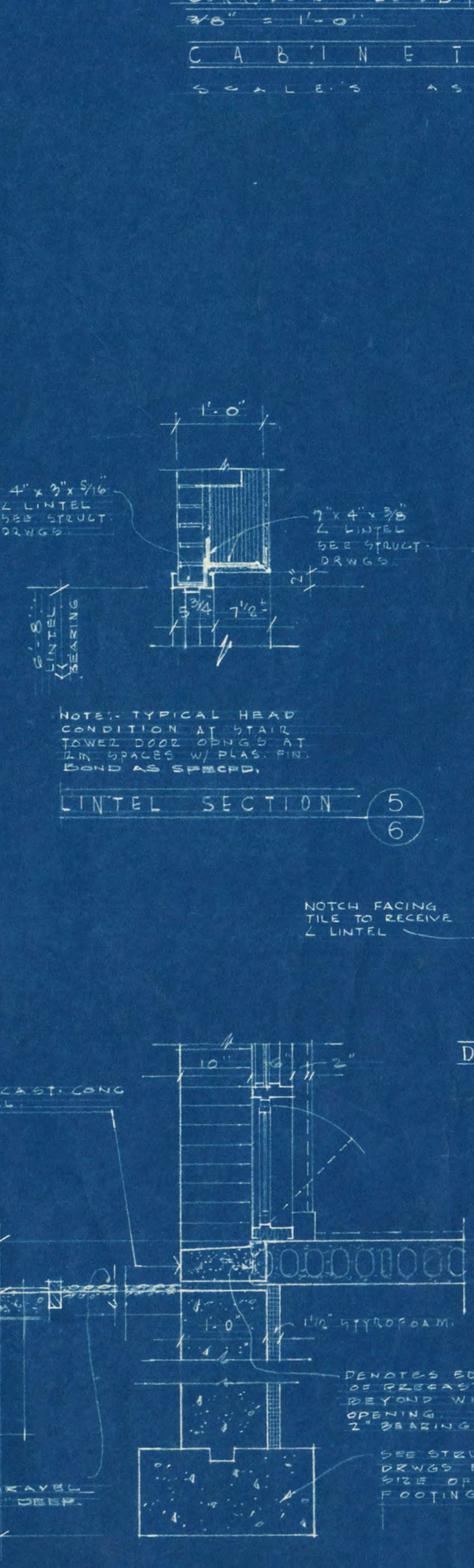
TYPICAL WALL SECTION AT NON-BEARING WALL 3 STORIES ABOVE GRADE



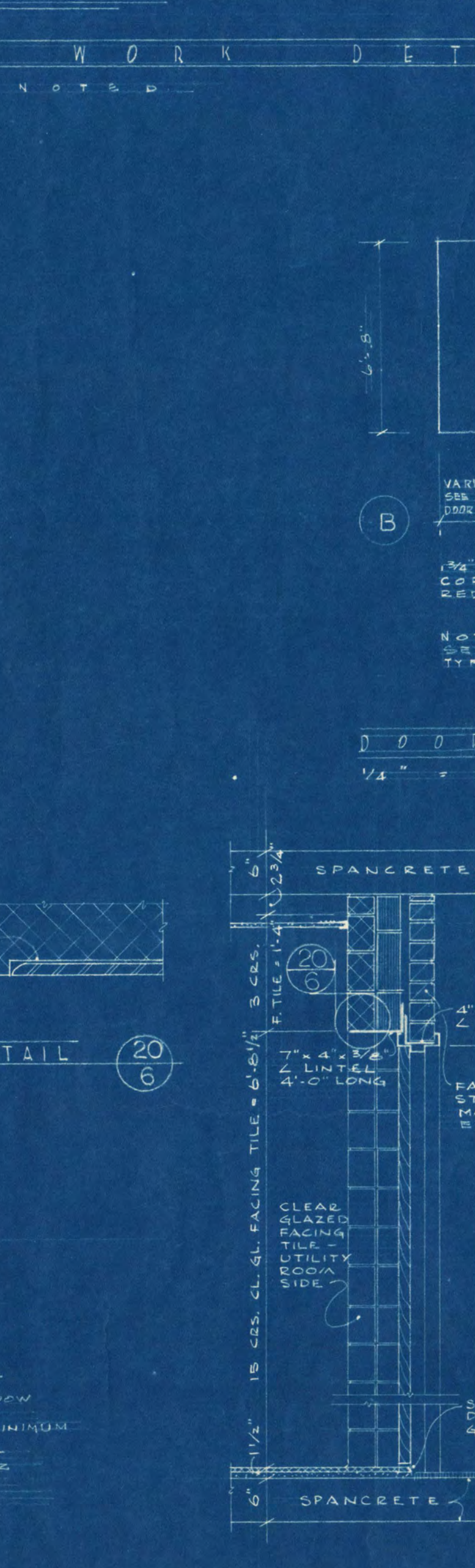
TYPICAL WALL SECTION AT LOAD BEARING PARTITION



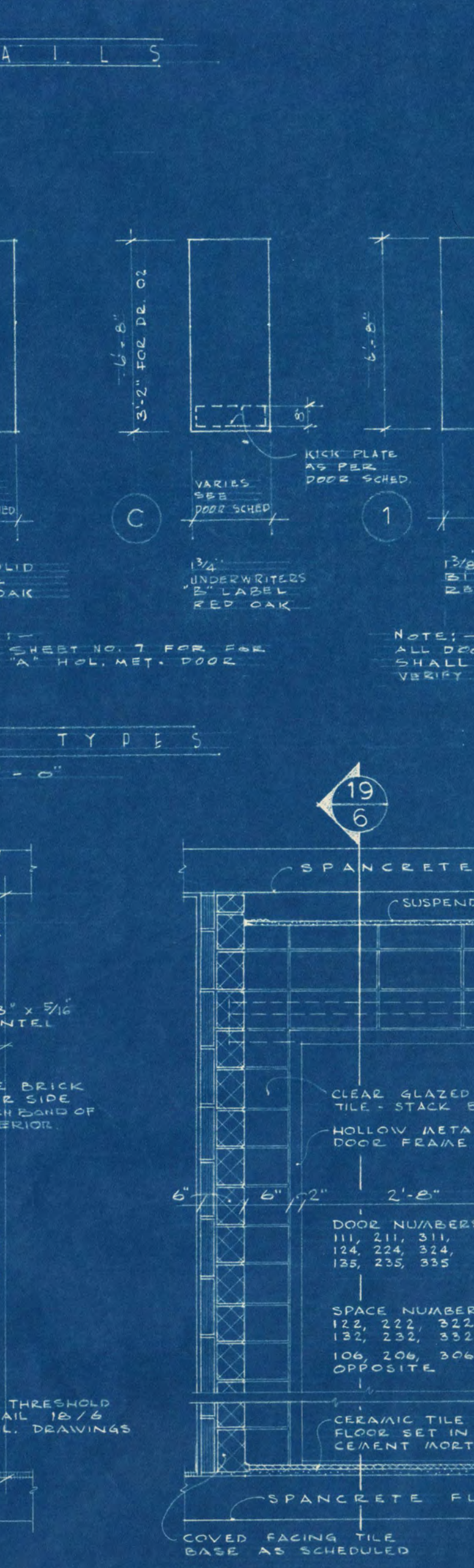
PARTIAL WALL SECTION



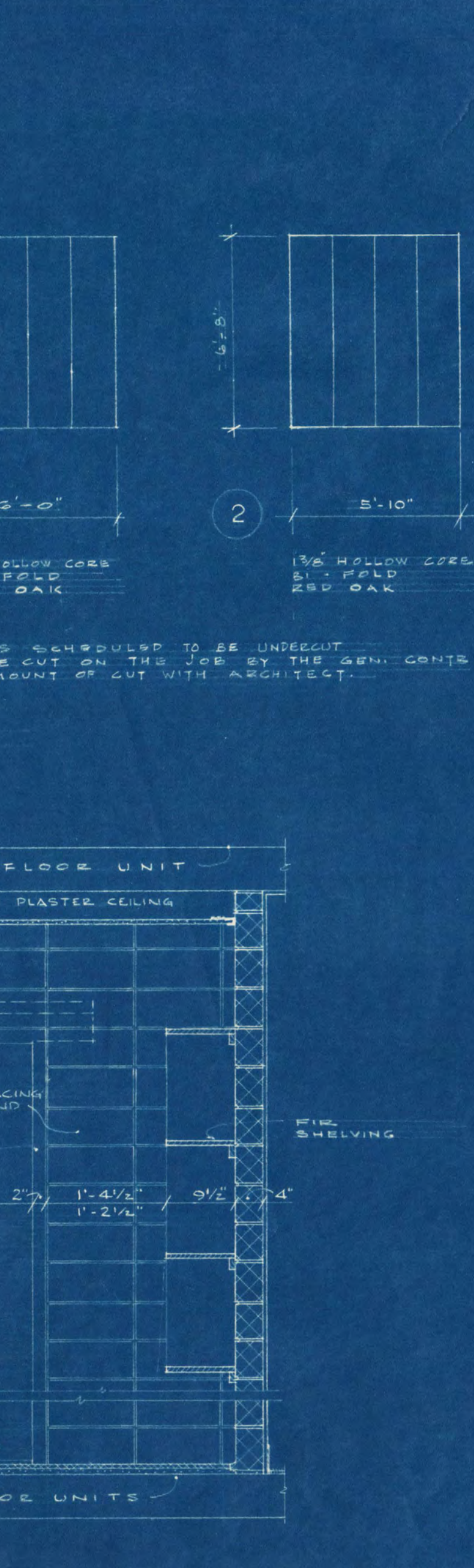
LINTEL SECTION



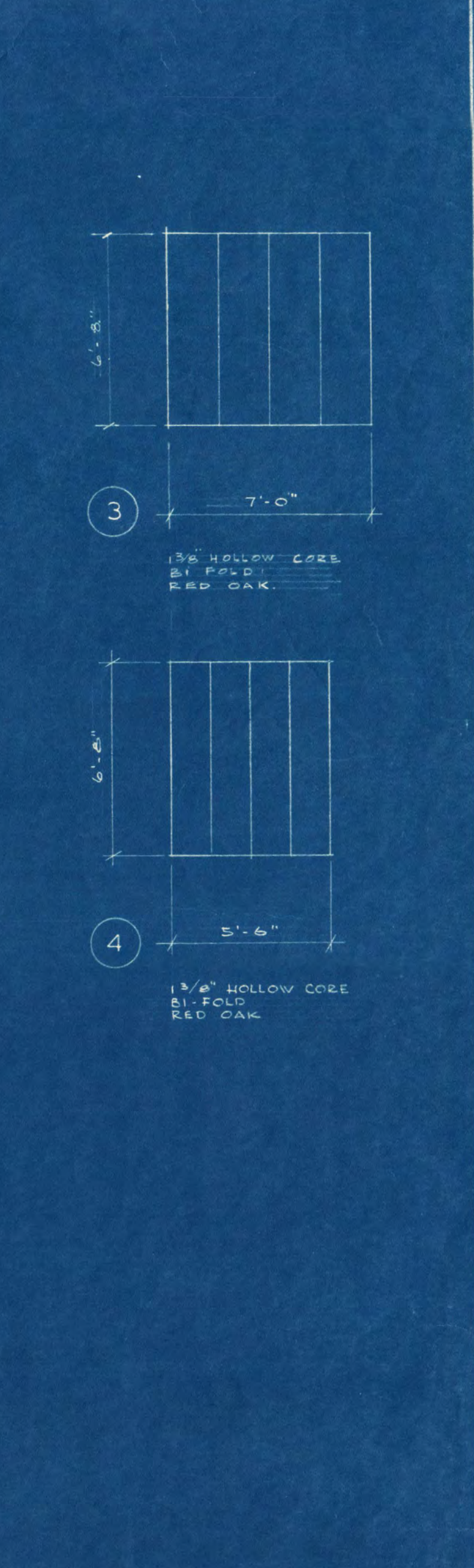
DOOR TYPES



ELEVATION - DOOR WALL - UTILITY ROOM

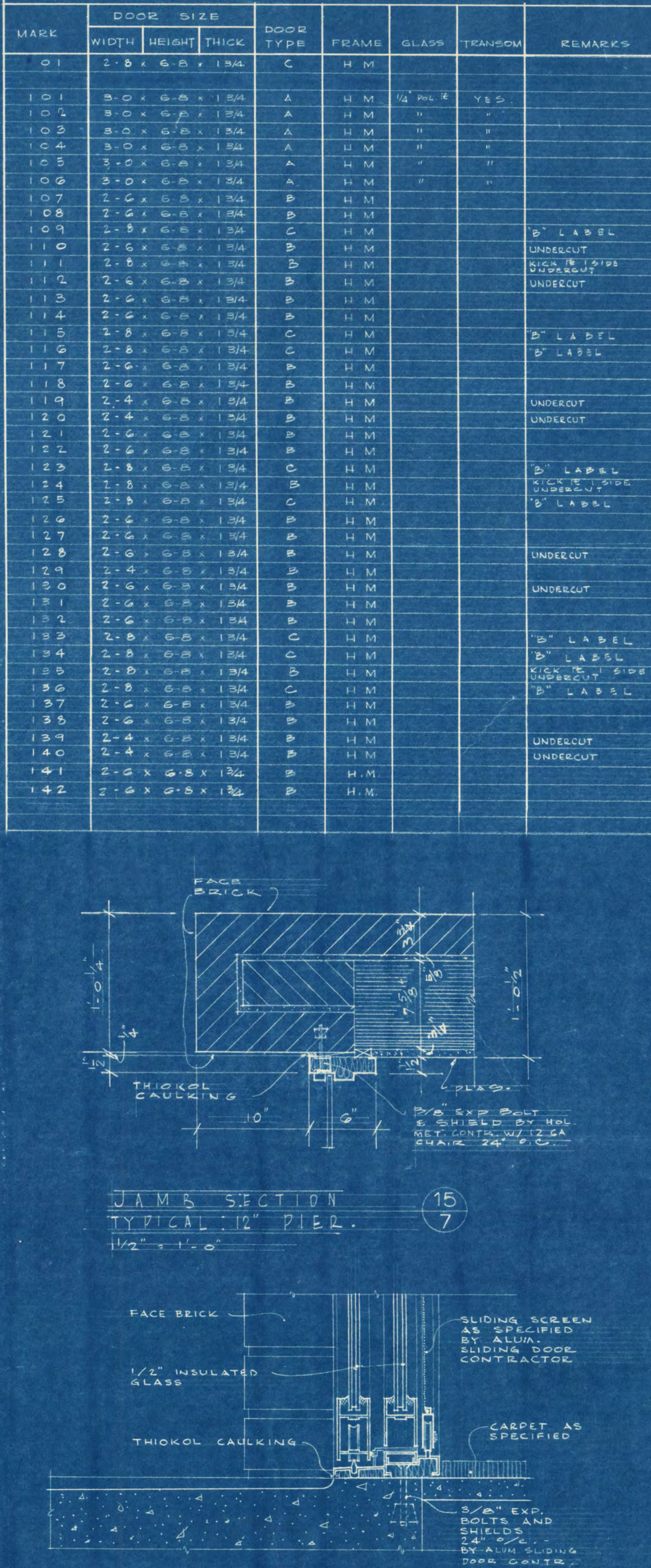
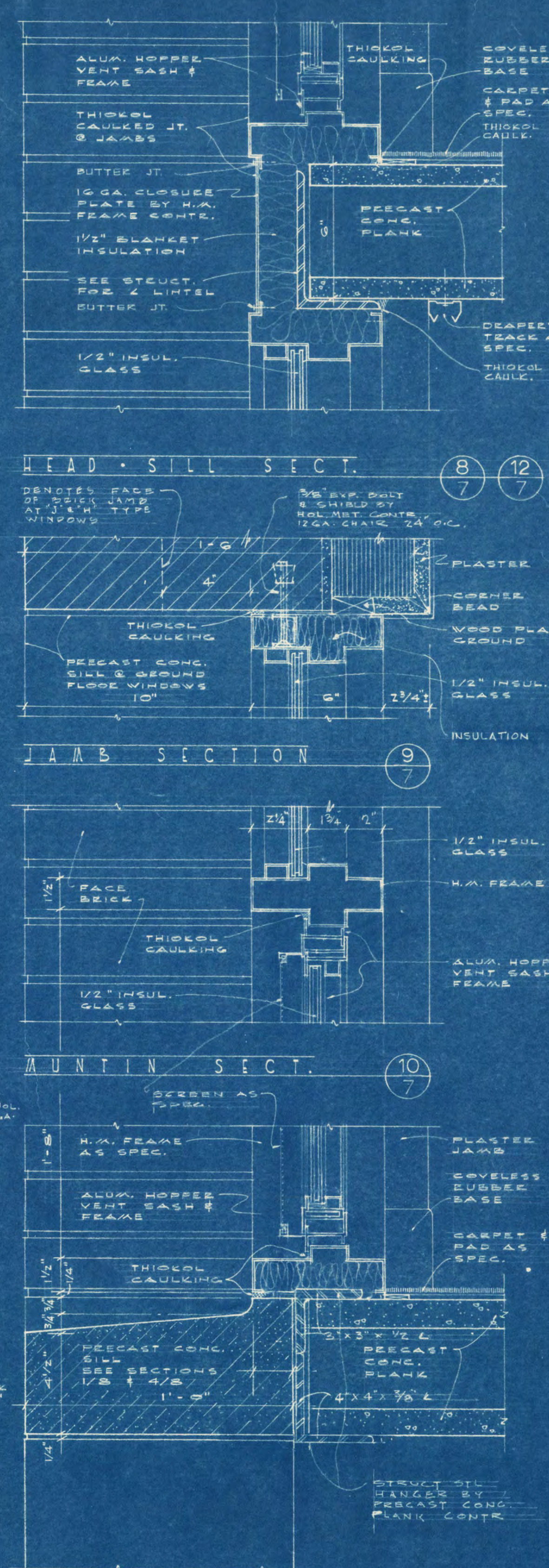
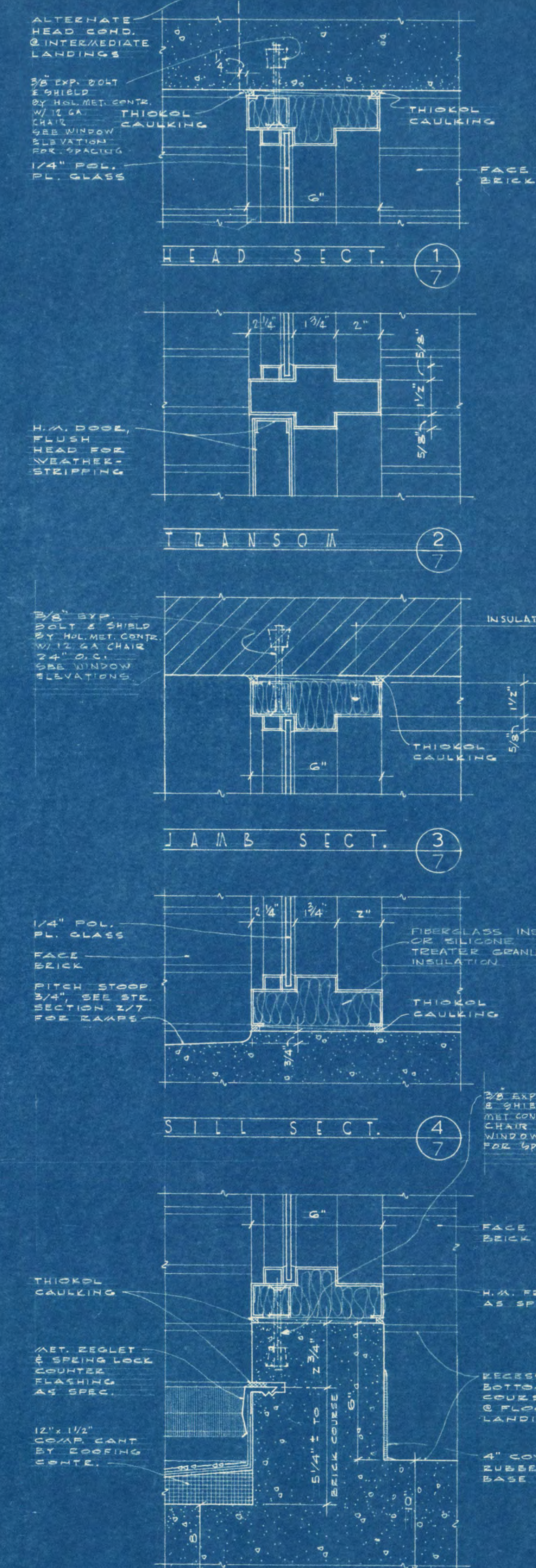


ELEVATION - DOOR WALL - UTILITY ROOM



ELEVATION - DOOR WALL - UTILITY ROOM

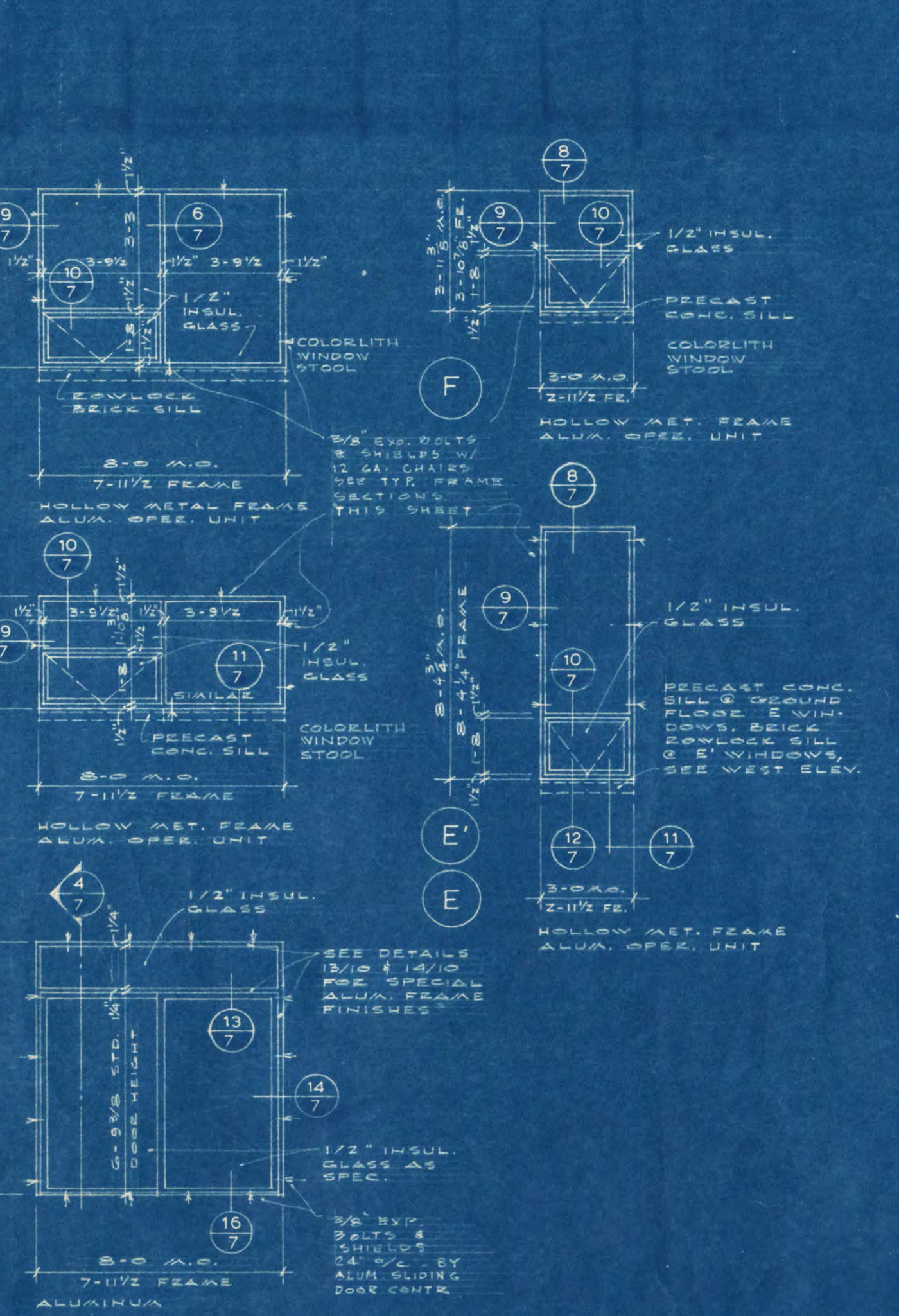
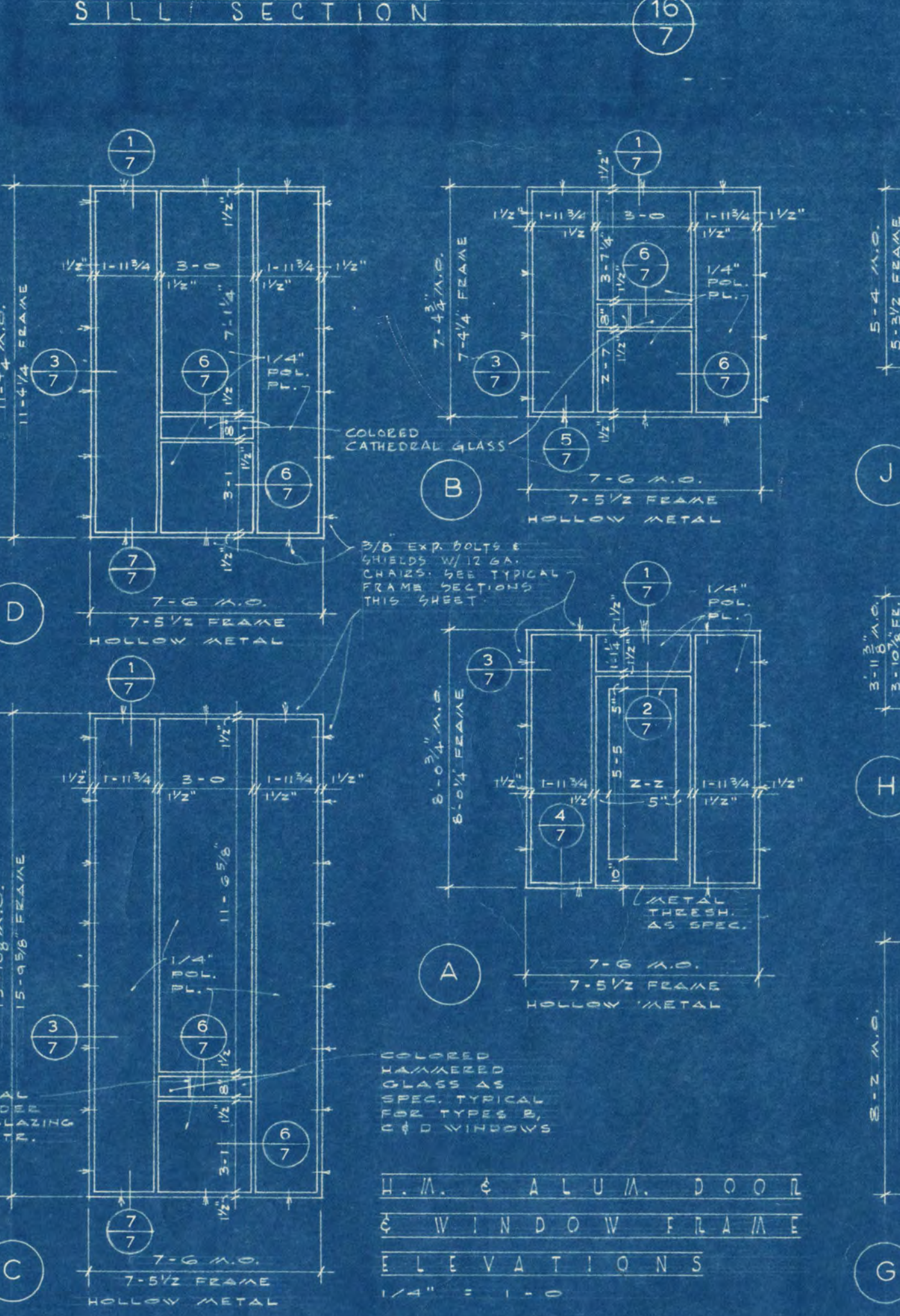
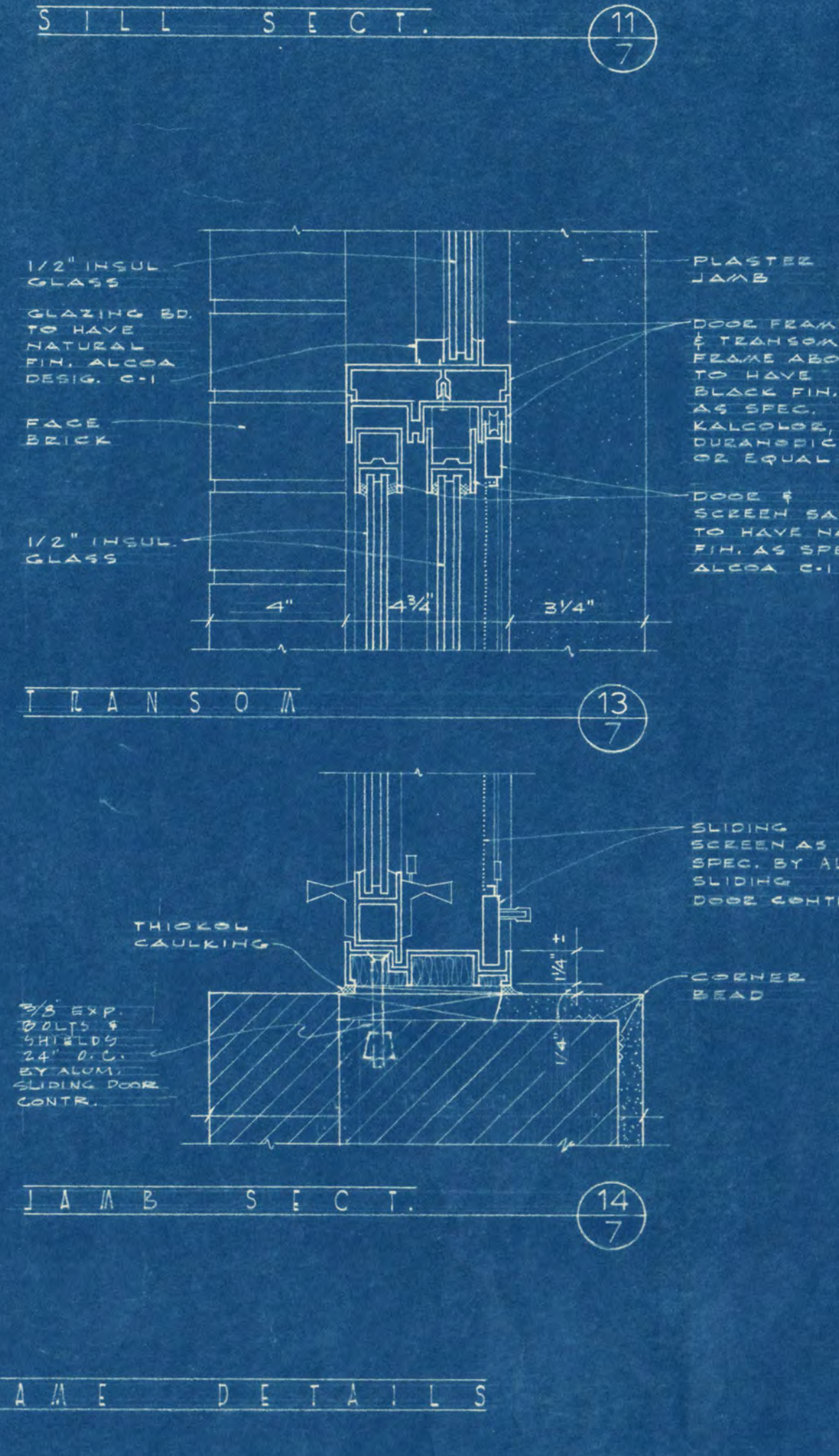
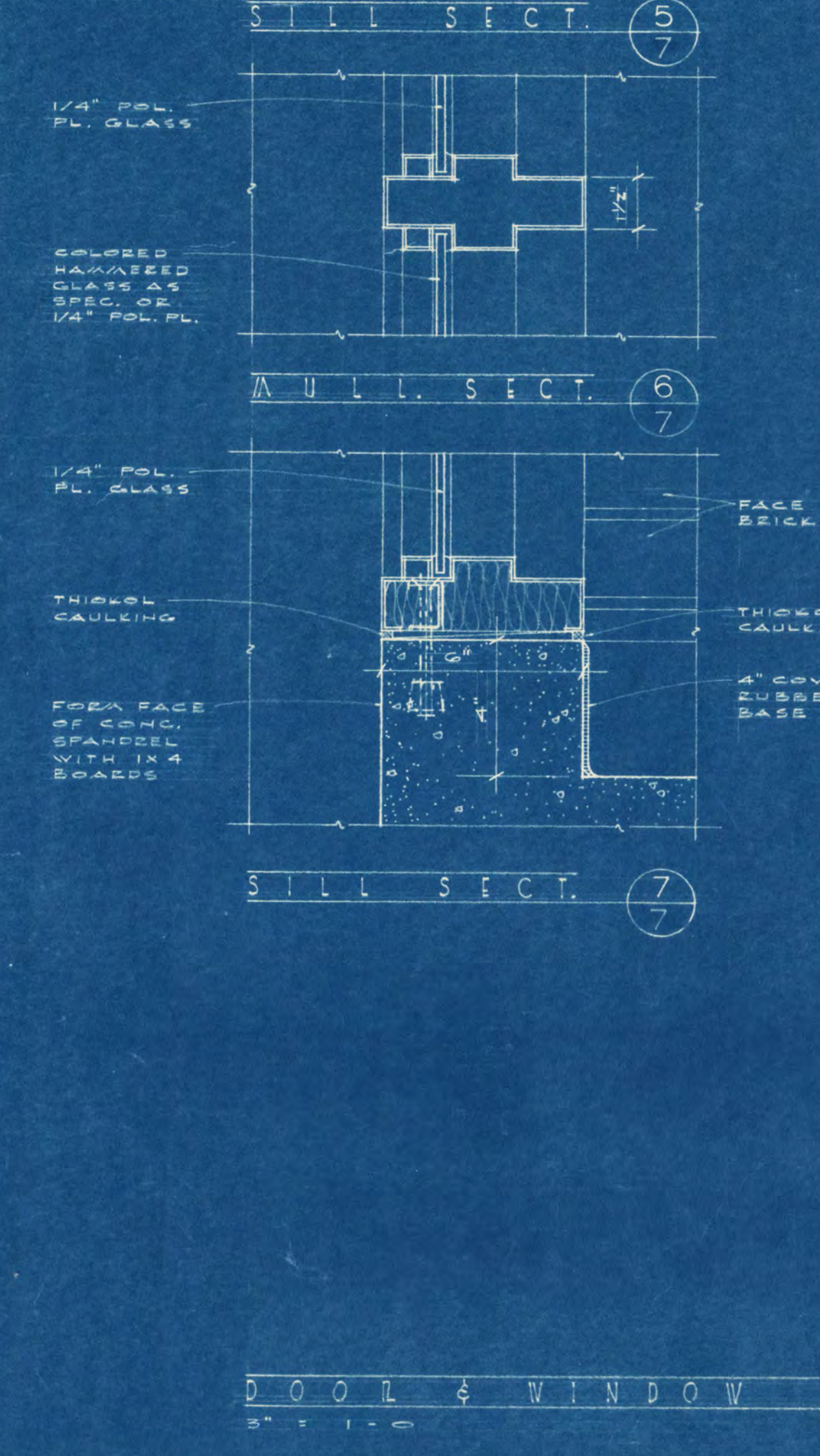




DOOR SCHEDULE		DOOR SCHEDULE	
MARK	DOOR SIZE	MARK	DOOR SIZE
Q1	WIDTH HEIGHT THICK	DOOR TYPE	FRAME GLASS TRANSOM
101	6'-0" x 6'-0" x 1 3/8"	C	H.M.
102	6'-0" x 6'-0" x 1 3/8"	A	H.M.
103	6'-0" x 6'-0" x 1 3/8"	A	H.M.
104	6'-0" x 6'-0" x 1 3/8"	A	H.M.
105	6'-0" x 6'-0" x 1 3/8"	A	H.M.
106	6'-0" x 6'-0" x 1 3/8"	A	H.M.
107	6'-0" x 6'-0" x 1 3/8"	A	H.M.
108	6'-0" x 6'-0" x 1 3/8"	A	H.M.
109	6'-0" x 6'-0" x 1 3/8"	A	H.M.
110	6'-0" x 6'-0" x 1 3/8"	A	H.M.
111	6'-0" x 6'-0" x 1 3/8"	A	H.M.
112	6'-0" x 6'-0" x 1 3/8"	A	H.M.
113	6'-0" x 6'-0" x 1 3/8"	A	H.M.
114	6'-0" x 6'-0" x 1 3/8"	A	H.M.
115	6'-0" x 6'-0" x 1 3/8"	A	H.M.
116	6'-0" x 6'-0" x 1 3/8"	A	H.M.
117	6'-0" x 6'-0" x 1 3/8"	A	H.M.
118	6'-0" x 6'-0" x 1 3/8"	A	H.M.
119	6'-0" x 6'-0" x 1 3/8"	A	H.M.
120	6'-0" x 6'-0" x 1 3/8"	A	H.M.
121	6'-0" x 6'-0" x 1 3/8"	A	H.M.
122	6'-0" x 6'-0" x 1 3/8"	A	H.M.
123	6'-0" x 6'-0" x 1 3/8"	A	H.M.
124	6'-0" x 6'-0" x 1 3/8"	A	H.M.
125	6'-0" x 6'-0" x 1 3/8"	A	H.M.
126	6'-0" x 6'-0" x 1 3/8"	A	H.M.
127	6'-0" x 6'-0" x 1 3/8"	A	H.M.
128	6'-0" x 6'-0" x 1 3/8"	A	H.M.
129	6'-0" x 6'-0" x 1 3/8"	A	H.M.
130	6'-0" x 6'-0" x 1 3/8"	A	H.M.
131	6'-0" x 6'-0" x 1 3/8"	A	H.M.
132	6'-0" x 6'-0" x 1 3/8"	A	H.M.
133	6'-0" x 6'-0" x 1 3/8"	A	H.M.
134	6'-0" x 6'-0" x 1 3/8"	A	H.M.
135	6'-0" x 6'-0" x 1 3/8"	A	H.M.
136	6'-0" x 6'-0" x 1 3/8"	A	H.M.
137	6'-0" x 6'-0" x 1 3/8"	A	H.M.
138	6'-0" x 6'-0" x 1 3/8"	A	H.M.
139	6'-0" x 6'-0" x 1 3/8"	A	H.M.
140	6'-0" x 6'-0" x 1 3/8"	A	H.M.
141	6'-0" x 6'-0" x 1 3/8"	A	H.M.
142	6'-0" x 6'-0" x 1 3/8"	A	H.M.

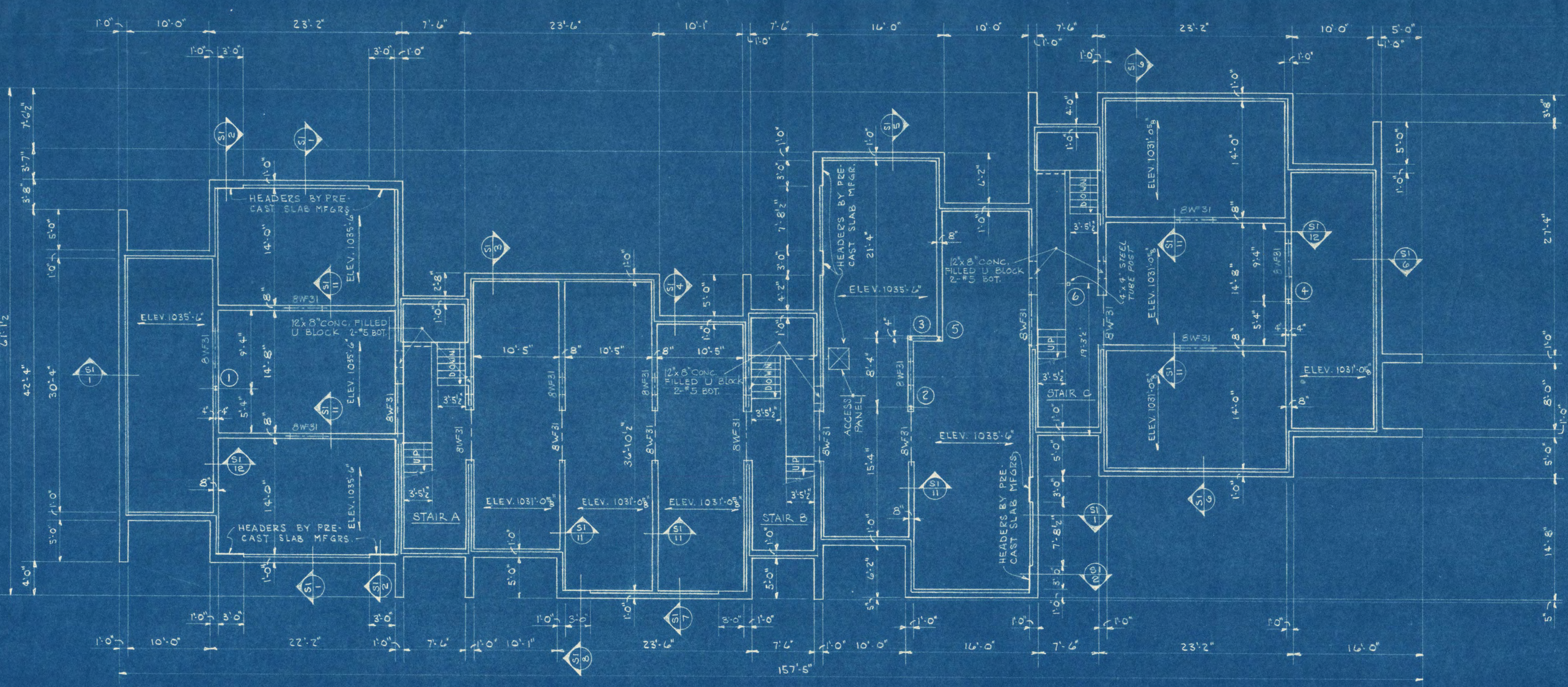
DOOR SCHEDULE		DOOR SCHEDULE	
MARK	DOOR SIZE	MARK	DOOR SIZE
Q1	WIDTH HEIGHT THICK	DOOR TYPE	FRAME GLASS TRANSOM
201	6'-0" x 6'-0" x 1 3/8"	C	H.M.
202	6'-0" x 6'-0" x 1 3/8"	A	H.M.
203	6'-0" x 6'-0" x 1 3/8"	A	H.M.
204	6'-0" x 6'-0" x 1 3/8"	A	H.M.
205	6'-0" x 6'-0" x 1 3/8"	A	H.M.
206	6'-0" x 6'-0" x 1 3/8"	A	H.M.
207	6'-0" x 6'-0" x 1 3/8"	A	H.M.
208	6'-0" x 6'-0" x 1 3/8"	A	H.M.
209	6'-0" x 6'-0" x 1 3/8"	A	H.M.
210	6'-0" x 6'-0" x 1 3/8"	A	H.M.
211	6'-0" x 6'-0" x 1 3/8"	A	H.M.
212	6'-0" x 6'-0" x 1 3/8"	A	H.M.
213	6'-0" x 6'-0" x 1 3/8"	A	H.M.
214	6'-0" x 6'-0" x 1 3/8"	A	H.M.
215	6'-0" x 6'-0" x 1 3/8"	A	H.M.
216	6'-0" x 6'-0" x 1 3/8"	A	H.M.
217	6'-0" x 6'-0" x 1 3/8"	A	H.M.
218	6'-0" x 6'-0" x 1 3/8"	A	H.M.
219	6'-0" x 6'-0" x 1 3/8"	A	H.M.
220	6'-0" x 6'-0" x 1 3/8"	A	H.M.
221	6'-0" x 6'-0" x 1 3/8"	A	H.M.
222	6'-0" x 6'-0" x 1 3/8"	A	H.M.
223	6'-0" x 6'-0" x 1 3/8"	A	H.M.
224	6'-0" x 6'-0" x 1 3/8"	A	H.M.
225	6'-0" x 6'-0" x 1 3/8"	A	H.M.
226	6'-0" x 6'-0" x 1 3/8"	A	H.M.
227	6'-0" x 6'-0" x 1 3/8"	A	H.M.
228	6'-0" x 6'-0" x 1 3/8"	A	H.M.
229	6'-0" x 6'-0" x 1 3/8"	A	H.M.
230	6'-0" x 6'-0" x 1 3/8"	A	H.M.
231	6'-0" x 6'-0" x 1 3/8"	A	H.M.
232	6'-0" x 6'-0" x 1 3/8"	A	H.M.
233	6'-0" x 6'-0" x 1 3/8"	A	H.M.
234	6'-0" x 6'-0" x 1 3/8"	A	H.M.
235	6'-0" x 6'-0" x 1 3/8"	A	H.M.
236	6'-0" x 6'-0" x 1 3/8"	A	H.M.
237	6'-0" x 6'-0" x 1 3/8"	A	H.M.
238	6'-0" x 6'-0" x 1 3/8"	A	H.M.
239	6'-0" x 6'-0" x 1 3/8"	A	H.M.
240	6'-0" x 6'-0" x 1 3/8"	A	H.M.
241	6'-0" x 6'-0" x 1 3/8"	A	H.M.
242	6'-0" x 6'-0" x 1 3/8"	A	H.M.

ROOM FINISH SCHEDULE		ROOM FINISH SCHEDULE	
MARK	ROOM	MARK	ROOM
Q1	SPACE	Q1	SPACE
101	MECH. EQUIP. ROOM	101	MECH. EQUIP. ROOM
102		102	
103		103	
104		104	
105		105	
106		106	
107		107	
108		108	
109		109	
110		110	
111		111	
112		112	
113		113	
114		114	
115		115	
116		116	
117		117	
118		118	
119		119	
120		120	
121		121	
122		122	
123		123	
124		124	
125		125	
126		126	
127		127	
128		128	
129		129	
130		130	
131		131	
132		132	
133		133	
134		134	
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136		136	
137		137	
138		138	
139		139	
140		140	
141		141	
142		142	



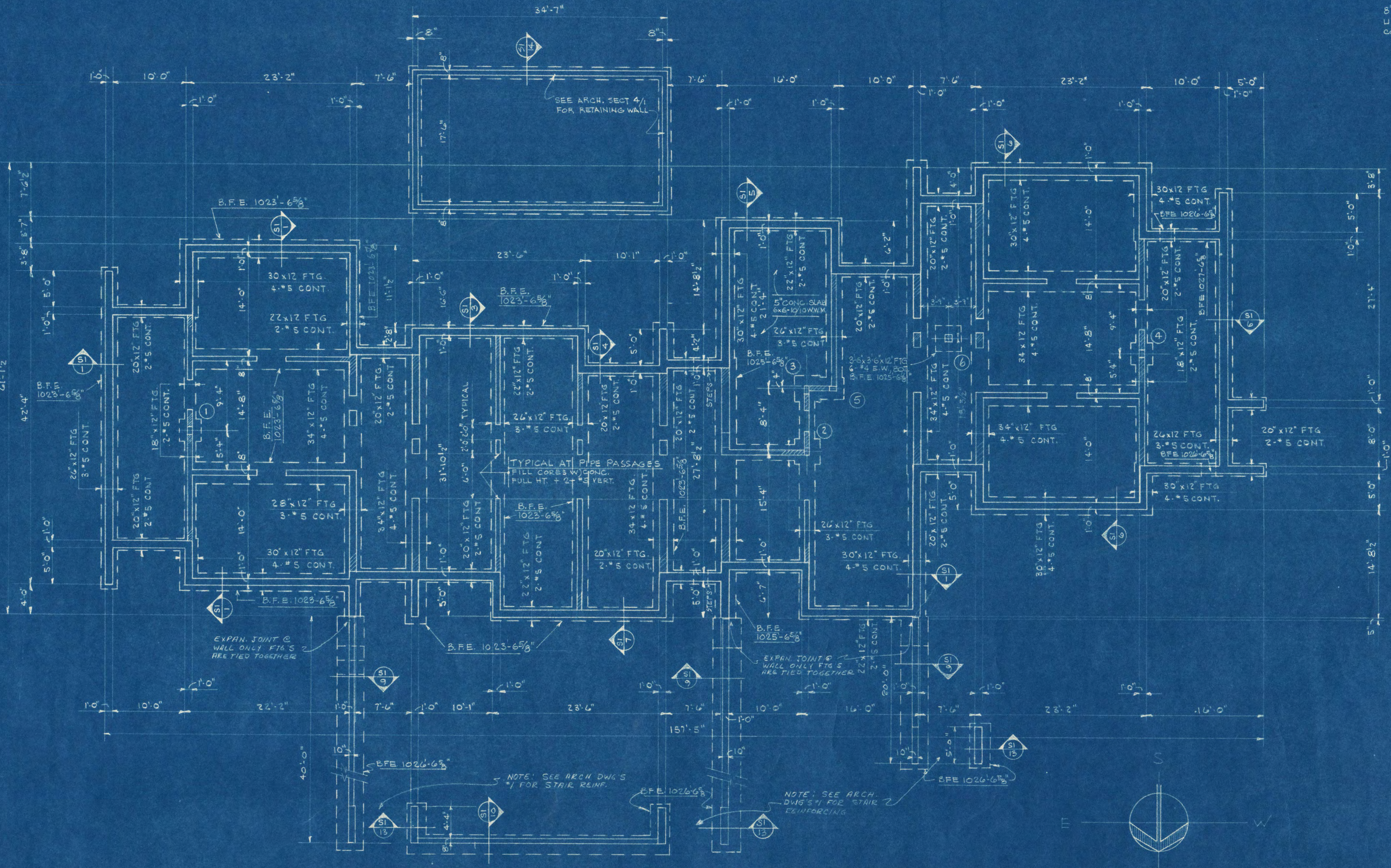
ROOM FINISH SCHEDULE		ROOM FINISH SCHEDULE	
MARK	ROOM	MARK	ROOM
Q1	SPACE	Q1	SPACE
201		201	
202		202	
203		203	
204		204	
205		205	
206		206	
207		207	
208		208	
209		209	
210		210	
211		211	
212		212	
213		213	
214		214	
215		215	
216		216	
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226		226	
227		227	
228		228	
229		229	
230		230	
231		231	
232		232	
233		233	
234		234	
235		235	
236		236	
237		237	
238		238	
239		239	
240		240	
241		241	
242		242	





**FIRST FLOOR FRAMING PLAN**

6" PRECAST CONCRETE FLOOR SLABS, CAPABLE OF SUPPORTING A LIVE LOAD OF 40#/SQ. FT. PLUS EQUIV. PARTITION AND CEILING LOADS OF 25#/SQ. FT. SUPERIMPOSED WITH AN ACCEPTABLE SAFETY FACTOR AND DEFLECTION. ALLOWABLE DEFLECTION SHALL PROVIDE 2" MIN. MASONITE STRIPS FOR BEARING PADS. SEE PLAN FOR SPAN DIRECTION AND ELEVATION. VERIFY ALL OPENING SIZES AND LOCATIONS WITH MECH. DRAWINGS.



**FOOTING AND FOUNDATION PLAN**

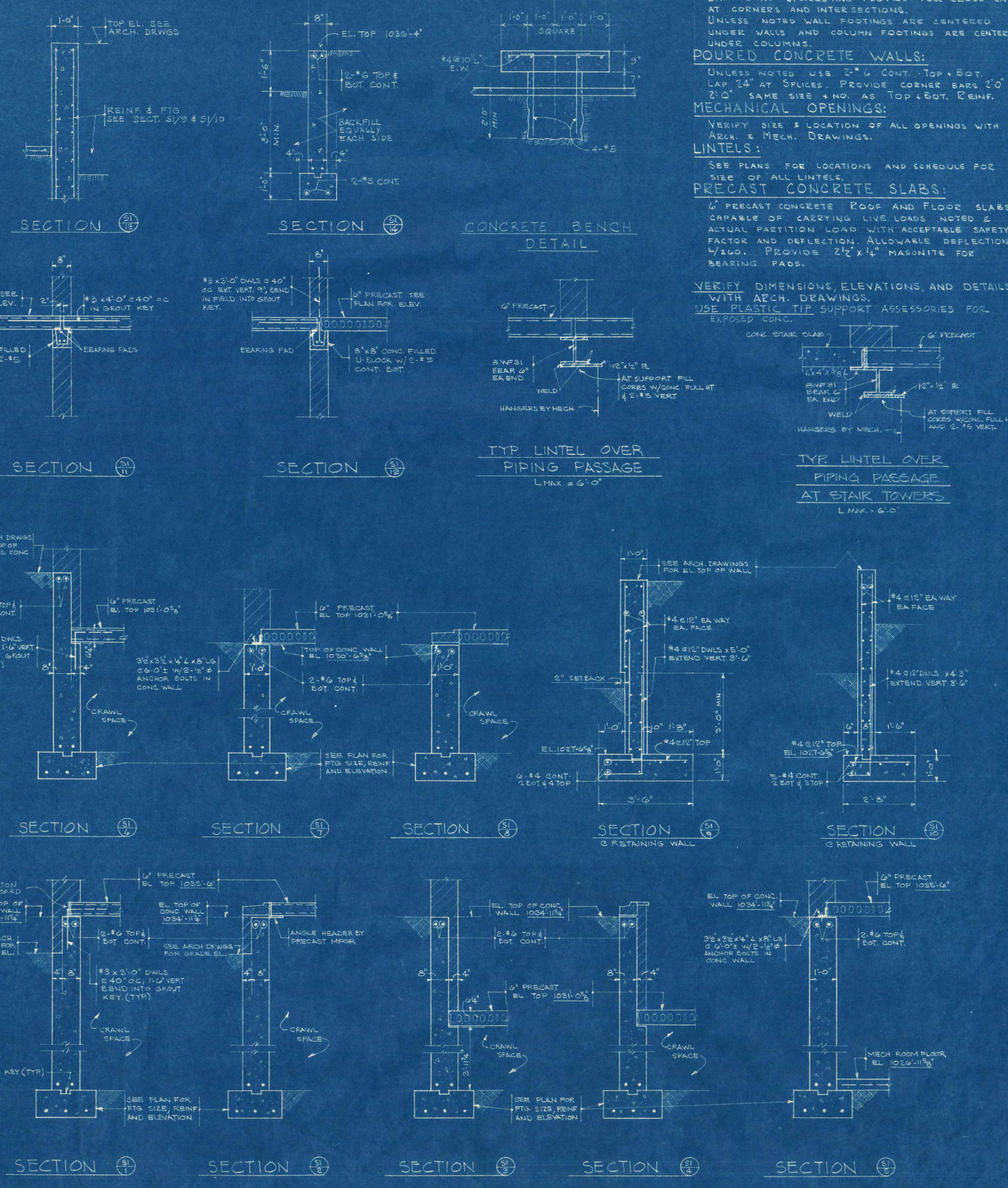
SEE PLAN FOR CONCRETE SLAB ON GRADE ELEVATION. BOTTOM OF FOOTINGS ARE 1025'-0" UNLESS NOTED. NOTE: AT ALL PIPE PASSAGES ADD ADDITIONAL TOP FTG REIN. x 10'-0". SAME SIZE AND NO. AS BOT. REIN. CENTER UNDER WALL OPENINGS.

**STEEL COLUMNS & FOOTINGS**

**COLUMN (1) & (2) 4WF15**  
 FOOTING SIZE - 3'-0" x 5'-0" x 1'-0"  
 REIN. - 4 #4 EA. WAY  
 TOP EL. 1026'-6 3/4"  
**CONC. PIER**  
 SIZE - 8" x 12"  
 VERT. REIN. (DWLS.) - 4 #5  
 TIES - #2 @ 5"  
 TOP CONC. BRG. - 2 #4 @ 1024'-6"  
 ANCHOR BOLTS - 2 #3 x 1'-9"  
 BASE PLATE - 7" x 12" x 7"

**COLUMN (3) & (4) 4WF15**  
 FOOTING SIZE - 3'-0" x 5'-0" x 1'-0"  
 REIN. - 4 #4 EA. WAY  
 TOP EL. 1026'-6 3/4"  
**CONC. PIER**  
 SIZE - 8" x 12"  
 VERT. REIN. (DWLS.) - 4 #5  
 TIES - #2 @ 5"  
 TOP CONC. BRG. - 2 #4 @ 1024'-6"  
 ANCHOR BOLTS - 2 #3 x 1'-9"  
 BASE PLATE - 7" x 12" x 7"

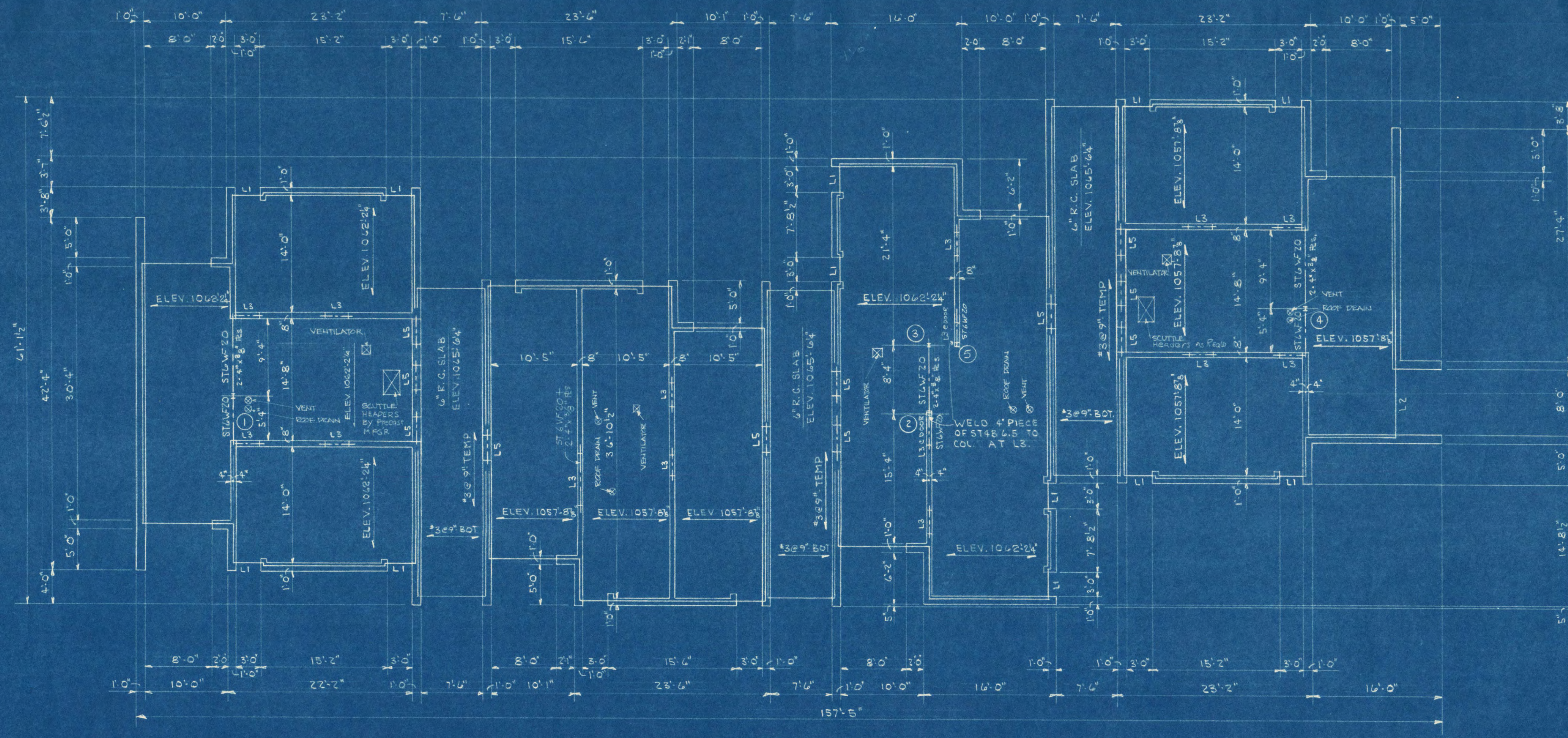
NOTE: PROVIDE 2" FULL GROUT BED & STEEL BEARING ON CONC.



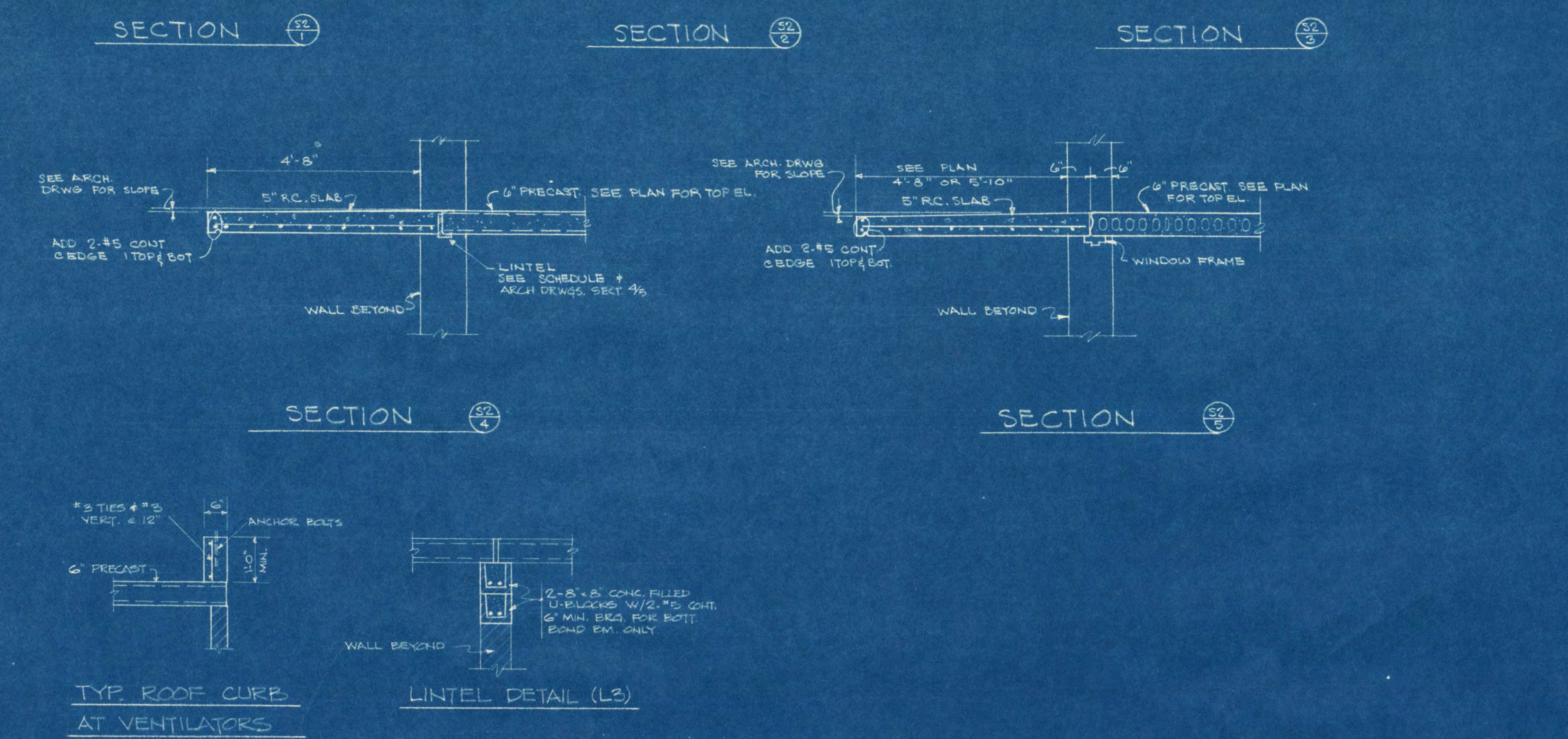
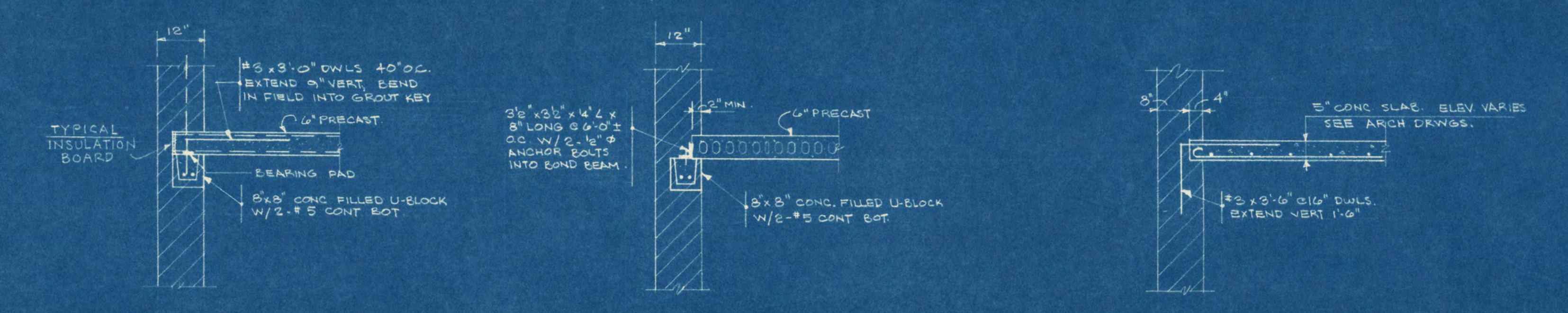
**STRUCTURAL NOTES**

**DESIGN DATA:**  
 F<sub>c</sub> = COMPRESSIVE CONCRETE STRESS IN 28 DAYS = 3,000#/SQ. IN. STRUCTURAL FTGS., WALLS, SLABS, AND BEAMS.  
 F<sub>y</sub> = MINIMUM YIELD STRESS REINFORCING = 40,000#/SQ. IN. N.B. REINFORCING BARS (A19)  
 F<sub>y</sub> = MINIMUM YIELD STRESS STRUCTURAL STEEL = 33,000#/SQ. IN. MISC. ANGLES AND PLATES (A7)  
 = 36,000#/SQ. IN. OTHER STRUCTURAL STEEL (A36)  
**LIVE LOADS:**  
 FLOORS = 40#/SQ. FT.  
 STAIRS = 100#/SQ. FT.  
 ROOF = 40#/SQ. FT.  
**SOIL BEARING DESIGN VALUE:**  
 FOOTINGS SHALL BEAR ON UNDISTURBED NATURAL SOIL OR COMPACTED SOIL CAPABLE OF SUPPORTING THE LOADS WITHOUT DETRIMENTAL SETTLEMENT. SOIL BEARING DESIGN VALUE = 4,000#/SQ. FT.  
**DESIGN CODES:**  
 STRUCTURAL STEEL - A.I.S.C. SPECS.  
 CONCRETE - A.C.I. BUILDING CODE.  
 UNIFORM BUILDING CODE  
 ALL CODES LATEST EDITIONS.  
**FOOTINGS:**  
 FOOTINGS ARE CONT. POURED CONCRETE. PLACE CONT. BARS 3" CLEAR BOTTOM AND SIDES. LAP 18" AT SPICES AND PROVIDE FULL CROSS LAP AT CORNERS AND INTERSECTIONS. UNLESS NOTED WALL FOOTINGS ARE CENTERED UNDER WALLS AND COLUMN FOOTINGS ARE CENTERED UNDER COLUMNS.  
**POURED CONCRETE WALLS:**  
 UNLESS NOTED USE 2" x 6" CONT. TOP & BOT. LAP 24" AT SPICES. PROVIDE CORNER BARS 2" x 2" x 2" SAME SIZE & NO. AS TOP & BOT. REIN.  
**MECHANICAL OPENINGS:**  
 VERIFY SIZE & LOCATION OF ALL OPENINGS WITH ARCH. & MECH. DRAWINGS.  
**LINTELS:**  
 SEE PLANS FOR LOCATIONS AND SCHEDULE FOR SIZE OF ALL LINTELS.  
**PRECAST CONCRETE SLABS:**  
 6" PRECAST CONCRETE ROOF AND FLOOR SLABS CAPABLE OF CARRYING LIVE LOADS. NOTED & ACTUAL PARTITION LOADS WITH ACCEPTABLE SAFETY FACTOR AND DEFLECTION. ALLOWABLE DEFLECTION 1/360. PROVIDE 2" x 4" MASONITE FOR BEARING PADS.  
 VERIFY DIMENSIONS, ELEVATIONS, AND DETAILS WITH ARCH. DRAWINGS. USE PLASTIC TIP SUPPORT ACCESSORIES FOR EXPOSED CONC.





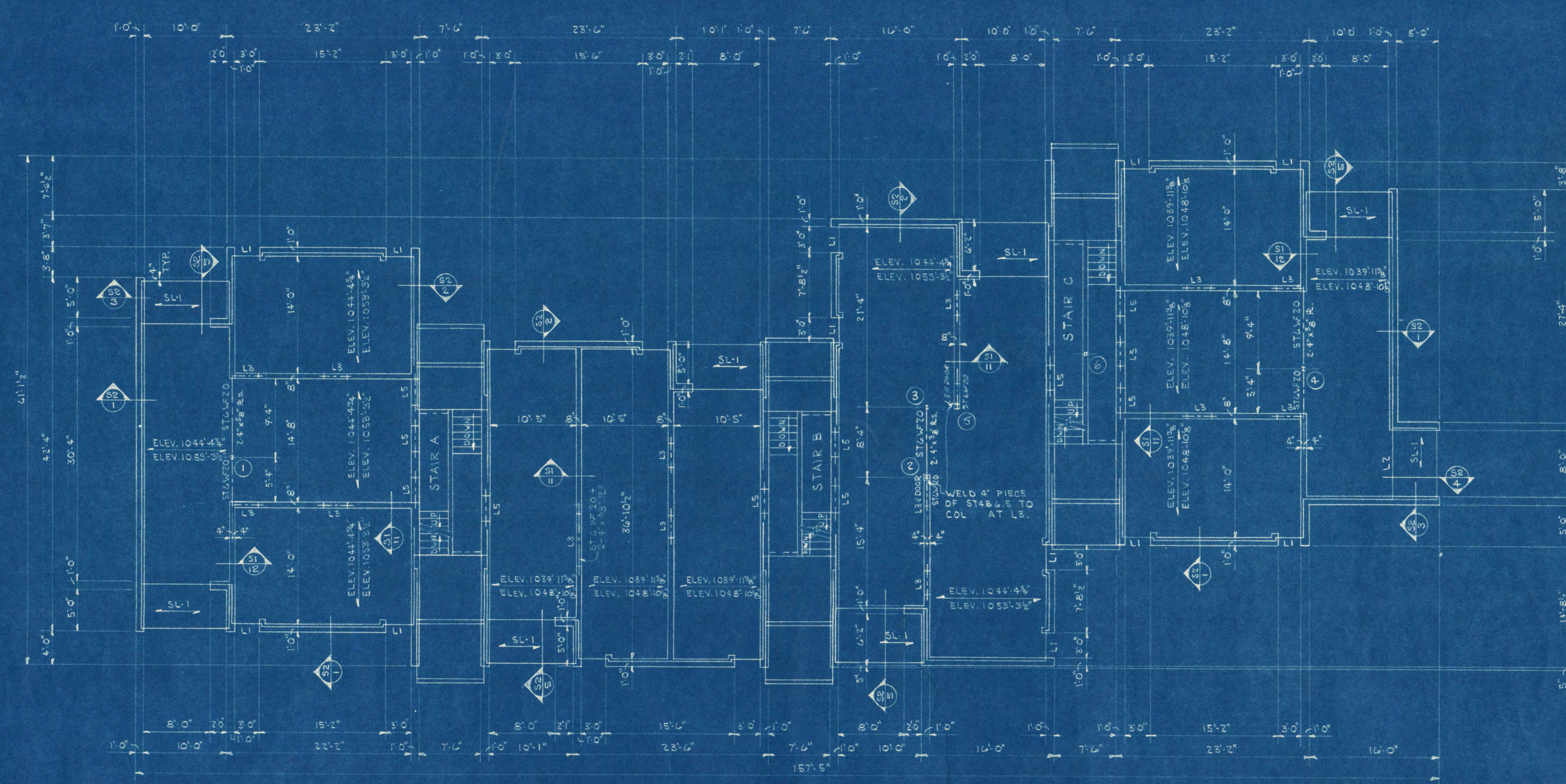
**ROOF FRAMING PLAN**  
 6" PRECAST CONCRETE ROOF SLABS CAPABLE OF SUPPORTING 50# SUPERIMPOSED LOADS WITH AN ACCEPTABLE SAFETY FACTOR AND DEFLECTION. ALLOWABLE DEFLECTION 1/160. PROVIDE 2" x 4" x 1/2" MASONITE STRIPS FOR BEARING PADS. SEE PLAN FOR SPAN DIRECTION AND ELEVATION.



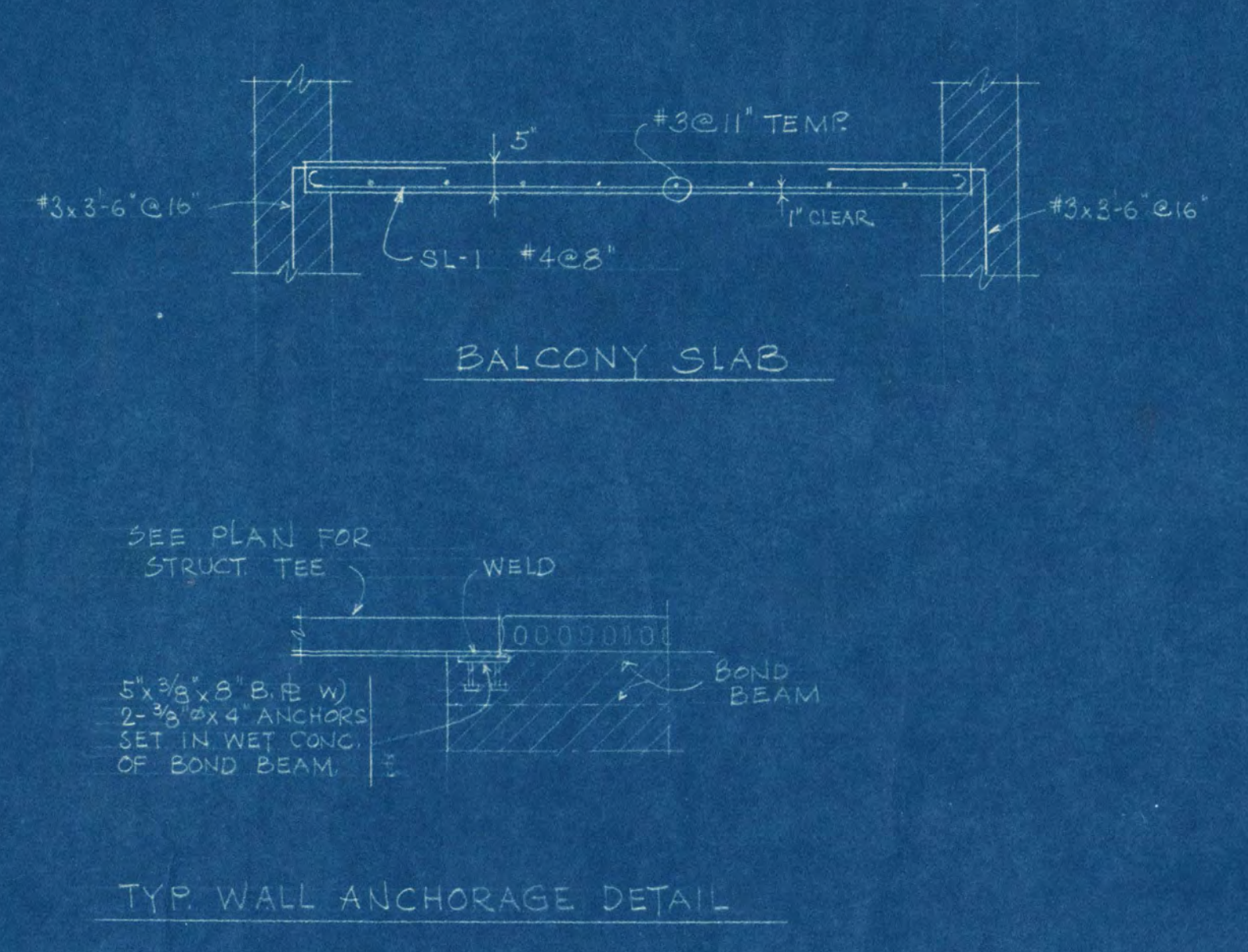
**LINTEL SCHEDULE**

MARK	CONG	ANGLE	LOCATION
L1	2'-0"	6" x 4" x 1/2" L	WINDOW
L2	5'-0"	6" x 4" x 1/2" L	WINDOW
L3	VARIES	SEE DETAIL THIS SHEET	DOOR
L5	2'-0"	1 1/2" x 2" x 3/8" L	DOOR

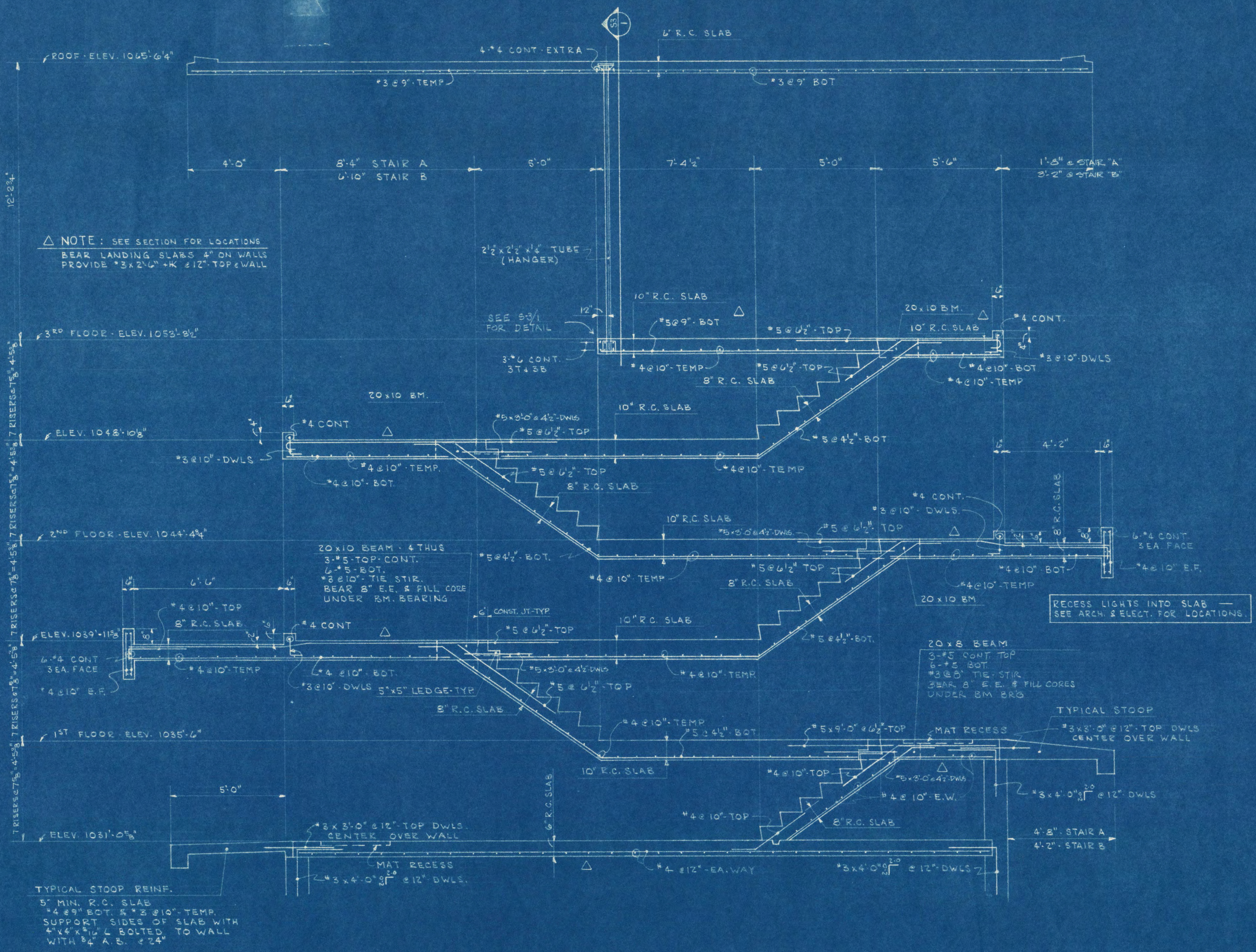
BEAR 6" BA. PAD - EXCEPT L4, 5" BA. PAD.



**SECOND AND THIRD FLOORS FRAMING PLAN**  
 6" PRECAST CONCRETE FLOOR SLABS CAPABLE OF SUPPORTING ALIVE LOAD OF 40#/SF PLUS EQUIV. PARTITION AND CEILING LOADS OF 5#/SF SUPERIMPOSED WITH AN ACCEPTABLE SAFETY FACTOR AND DEFLECTION. ALLOWABLE DEFLECTION 1/160. PROVIDE 2" x 4" x 1/2" MASONITE STRIPS FOR BEARING PADS. SEE PLAN FOR SPAN DIRECTION AND ELEVATION. VERIFY ALL OPENING SIZES AND LOCATIONS WITH MECHANICAL DRAWINGS.







NOTE: SEE SECTION FOR LOCATIONS  
BEAR LANDING SLABS 4" ON WALLS  
PROVIDE 3x24" x 212" TOP & WALL

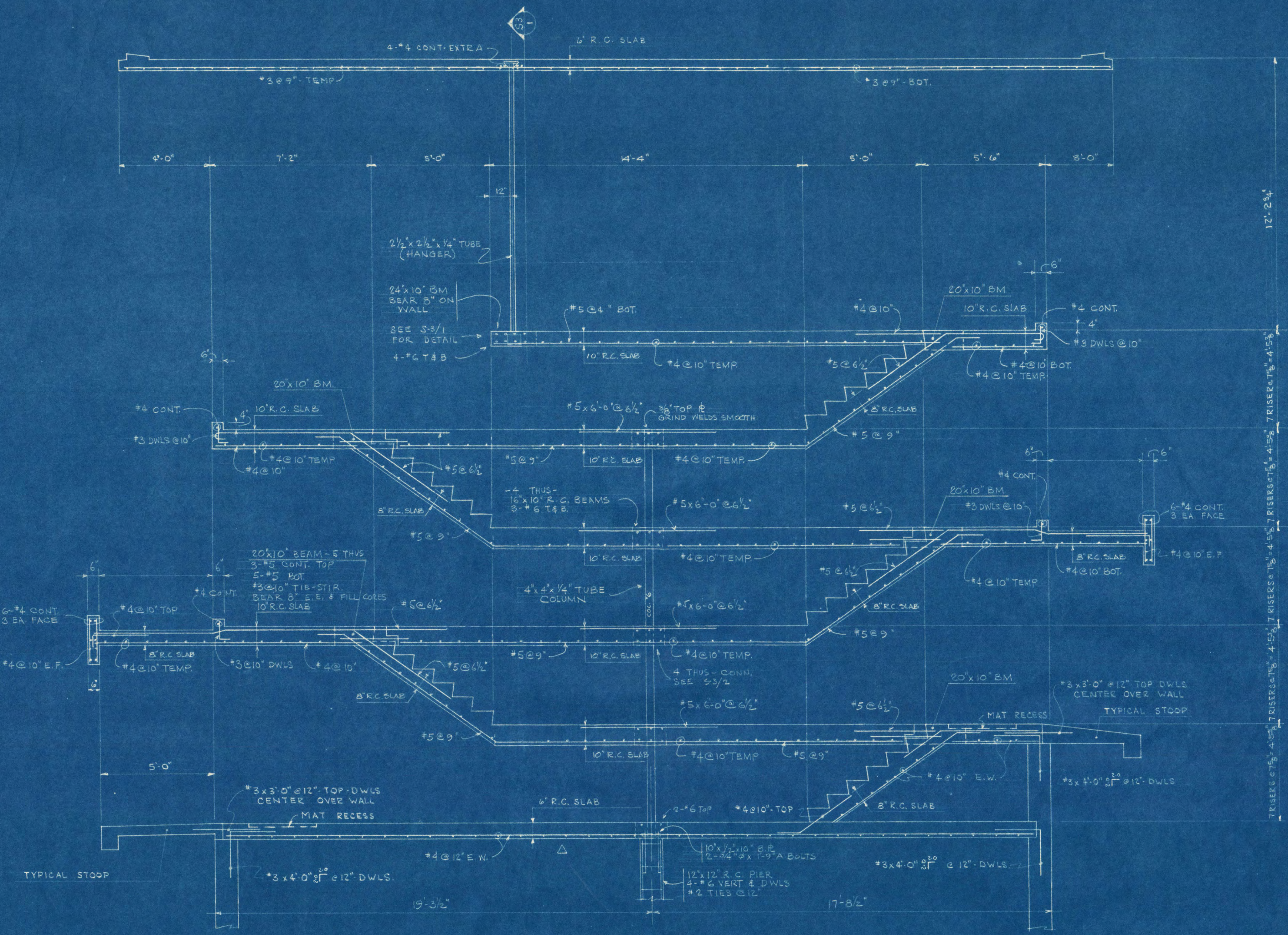
RECESS LIGHTS INTO SLAB —  
SEE ARCH. & ELECT. FOR LOCATIONS

TYPICAL STOOP  
3x3" @ 12" TOP DWLS  
CENTER OVER WALL

TYPICAL STOOP REINF.  
5" MIN. R.C. SLAB  
4 #9 BOT. & 3 #10 TEMP.  
SUPPORT SIDES OF SLAB WITH  
4 #4 TIES BOLTED TO WALL  
WITH 3/4" A.B. 3/24"

STAIR A - AS NOTED  
STAIR B - AS NOTED  
STAIR B OPPOSITE STAIR A

USE PLASTIC TYP  
SUPPORT ACCESSORIES



STAIR C

