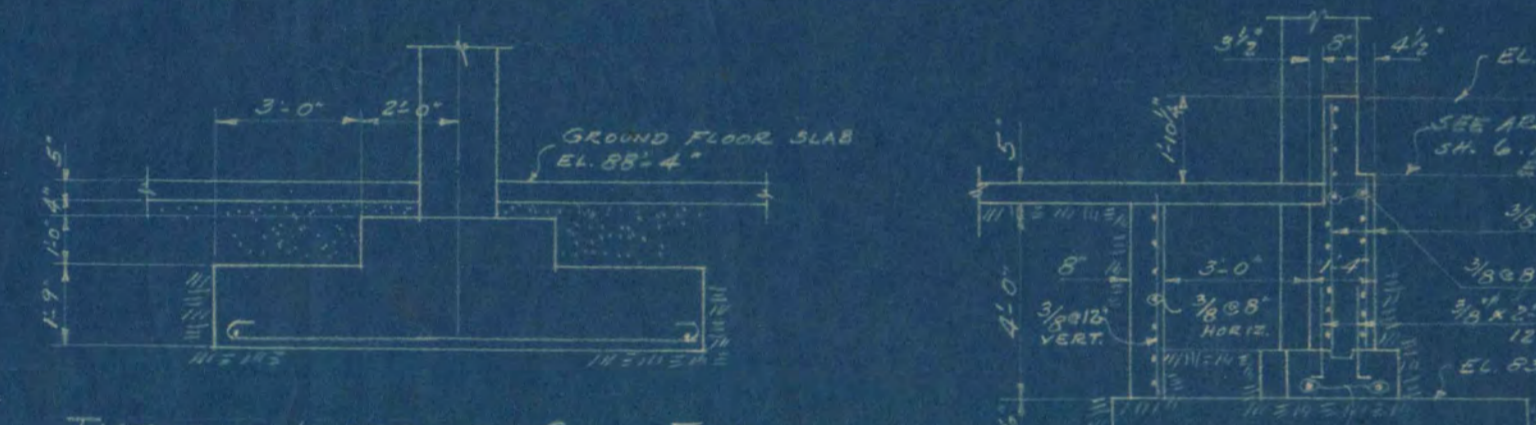


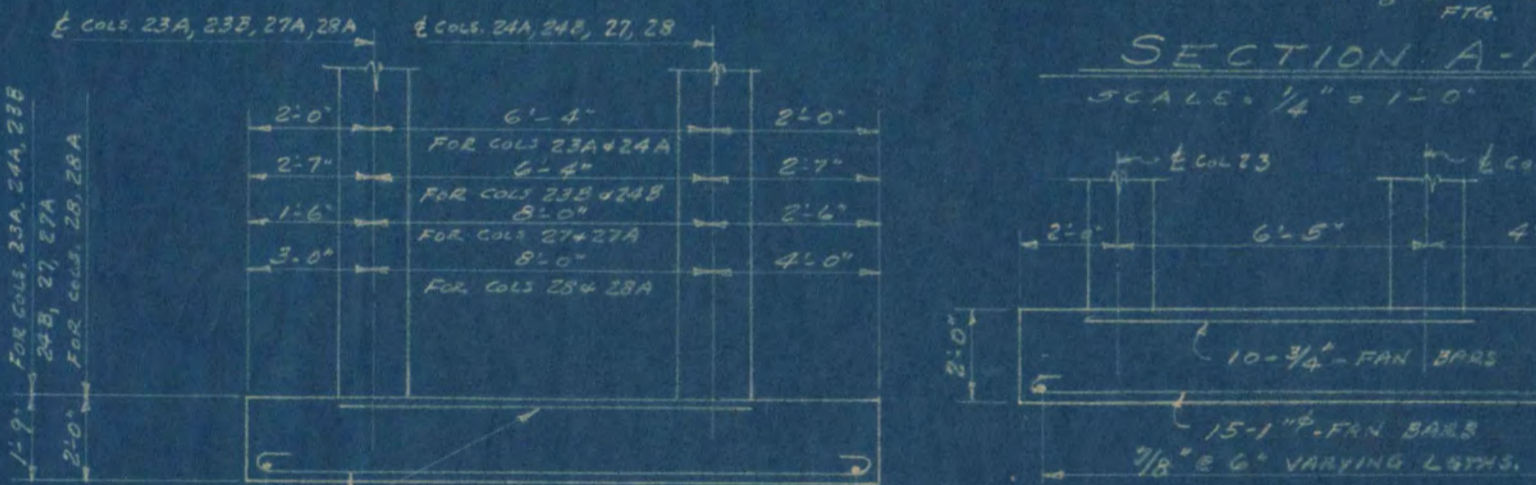
### COLUMN AND FOOTING SCHEDULE

MARK	12, 3, 4, 5	6, 13	7, 12, 14	8, 21, 24, 25, 26, 27, 28, 29	10, 37	24	23, 23A, 23B, 24A, 24B	19, 25, 29	27
ROOF	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16
STEEL	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
2ND F.	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16
STEEL	4-7/8	4-7/8	6-1/2	6-1/2	6-1/2	4-7/8	4-7/8	6-1/2	4-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 16	3/8 @ 16	3/8 @ 16	3/8 @ 14	3/8 @ 14	3/8 @ 16	3/8 @ 14
3RD F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	8-1/4	8-1/4	8-1/4	8-1/4	8-1/4	8-1/4	8-1/4
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 18	3/8 @ 18	3/8 @ 18	3/8 @ 18	3/8 @ 18	3/8 @ 18	3/8 @ 18
4TH F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
5TH F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
6TH F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
DOVELS	6-7/8	6-7/8	10-1/8	10-1/8	8-1/8	8-1/8	8-1/8	10-1/8	6-7/8
FOOTING	23-3/8 x 28	20-3/8 x 28	27-3/8 x 28	27-3/8 x 28	25-3/8 x 28	25-3/8 x 28	25-3/8 x 28	27-3/8 x 28	27-3/8 x 28
MARK	28	27A	28A	31, 32	33, 34	35	36, 37	38	39
ROOF	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16
STEEL	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
2ND F.	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16
STEEL	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8	4-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
3RD F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
4TH F.	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18	18x18
STEEL	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
TIES	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14	3/8 @ 14
DOVELS	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8	6-7/8
FOOTING	23-3/8 x 28	20-3/8 x 28	27-3/8 x 28	27-3/8 x 28	25-3/8 x 28	25-3/8 x 28	25-3/8 x 28	27-3/8 x 28	27-3/8 x 28

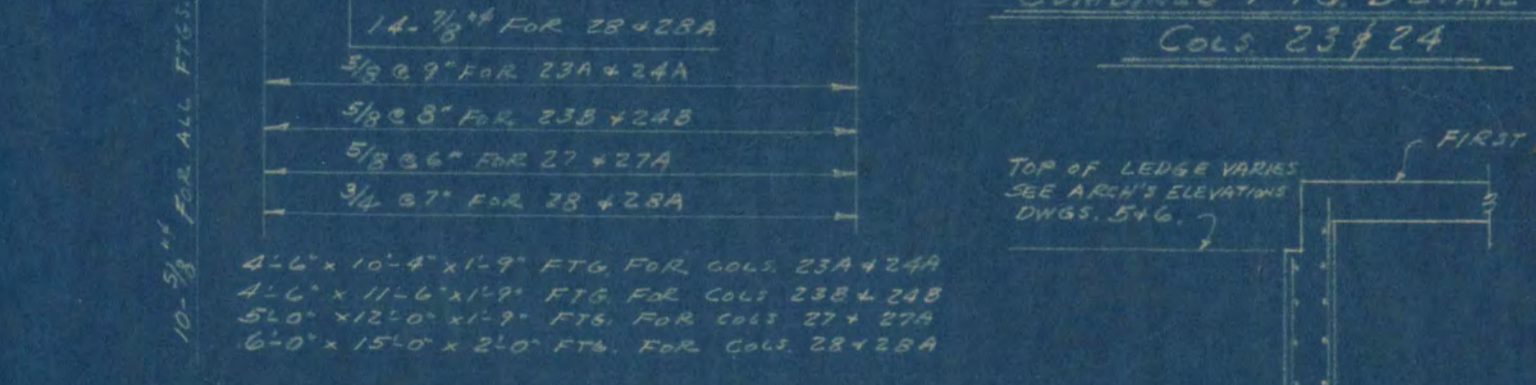
ELEV. SHOWN ON PLAN ARE TO BOT. OF FTGS.



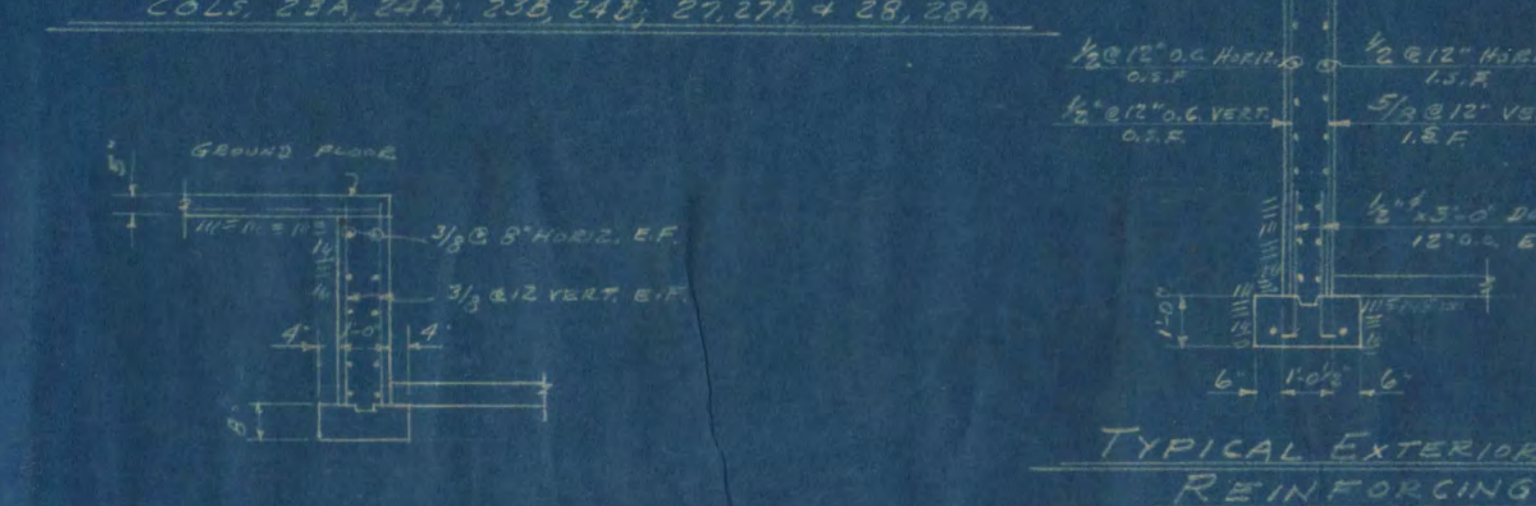
TYPICAL INTERIOR COL. FTG. SCALE = 1/4" = 1'-0"



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

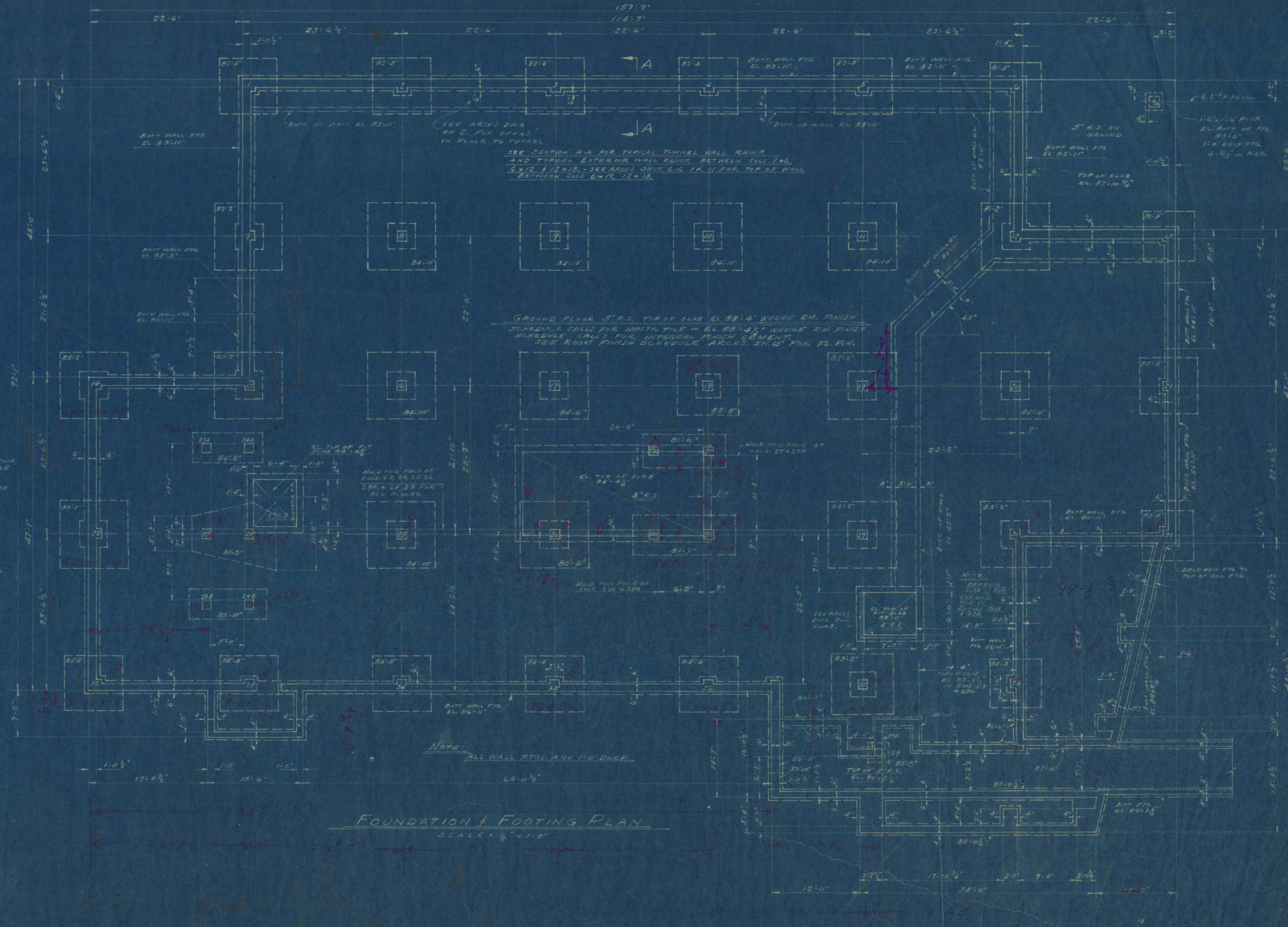


COMBINED COL. FTG. DETAILS SCALE = 1/4" = 1'-0"



TYPICAL SECTION THRU PIT WALLS - SEE PLAN FOR WALL HEIGHTS. SCALE = 1/4" = 1'-0"

TYPICAL EXTERIOR WALL REINFORCING EXCEPT AS SHOWN ON SECT. A-A + CALLED FOR ON PLAN



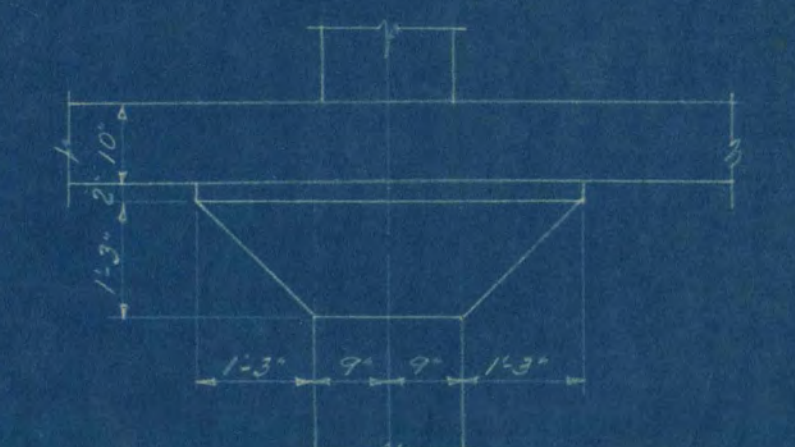
FOUNDATION & FOOTING PLAN SCALE = 1/8" = 1'-0"

**STRUCTURAL NOTES:**  
 CONCRETE & REINFORCING SHALL BE PLACED ACCORDING TO A.I.G. B.L.S. CODE 318-47  
 CONCRETE STRENGTH FOR COLUMNS TO BE 3750 P.S.I. IN 28 DAYS COMP. TEST. COLS. 1, 7, 14, 15, 22 + 32 DESIGNED FOR FUTURE ADDITION.  
 ELEV. SHOWN IN PLAN ARE TO BOTTOM OF FTGS.  
 SOIL BEARING DESIGN LOAD 4000 P.S.F.  
 REINFORCE 5" GROUND FLOOR SLABS WITH 6-6/16 W.W.MESH. PROVIDE 4 DIA. CORNER BARS FOR FOUNDATION AND TUNNEL CONNECTION.

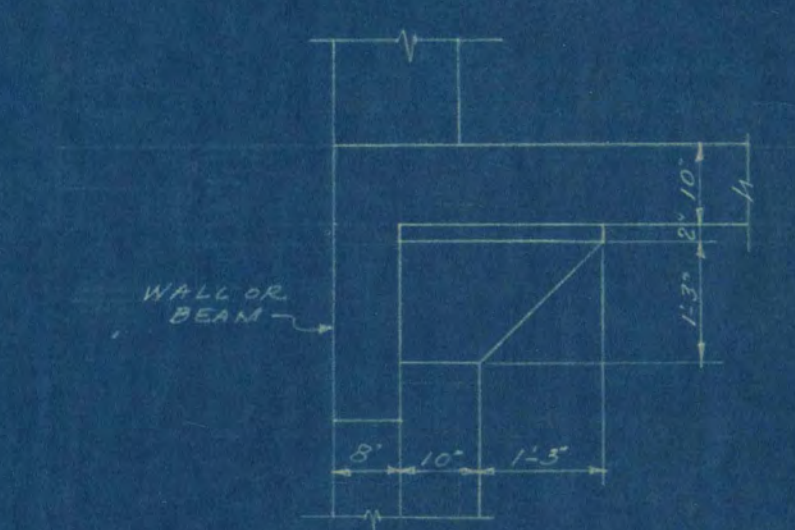
**LIBRARY BUILDING**  
**STATE TEACHERS COLLEGE**  
 ST. CLOUD, MINNESOTA  
 DEPT. OF ADMINISTRATION - STATE OF MINNESOTA  
 ST. PAUL, MINNESOTA

DATE	JAN 51	DESIGNED BY	LOUIS C. PINAULT, ARCHITECT ST. CLOUD, MINNESOTA	SHEET NO.	51
COMM. NO.	4920	APPROVED BY	GAUSMAN & MOORE, ENGINEERS ST. PAUL, MINNESOTA	PROJECT NO.	
DRAWN BY	JWS	APPROVED BY	LOUIS C. PINAULT, ARCHITECT ST. CLOUD, MINNESOTA		

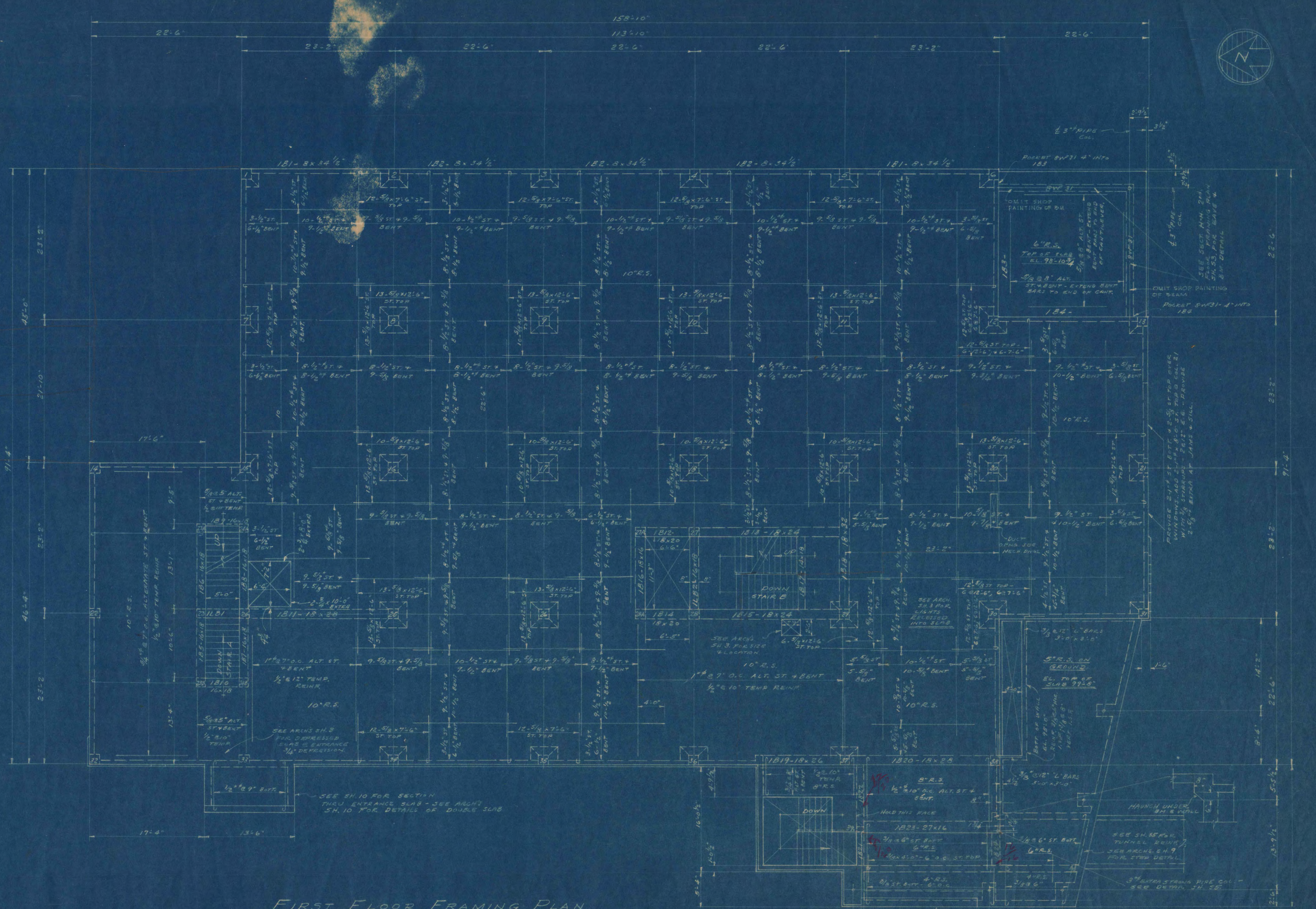
BEAM SCHEDULE									
MARK	B	D	STRAIGHT	BENT	70	SIZE	SPACING EACH END	REMARKS	
181	8	34	1-3/4	1-1/8	12	3/8	5/8" EXT. END 3/8" INT. END	M. ST. + BENT BARS @ EXT. COLL.	
182	8	1-3/4	1-1/8	10	3/8	6 @ 12			
183	8	1-1/8	1-1/8	20	3/8	1/4" 4 @ 6, 2 @ 9, 3 @ 12		M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
184	8	1-1/8	1-1/8	16	3/8	2 @ 6, 3 @ 9, 3 @ 12		M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
185	16	18	2-3/4	3-3/4	6	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
186	16	18	2-3/4	3-3/4	6	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
187	16	18	2-3/4	3-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
188	16	18	2-3/4	3-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
189	16	18	2-3/4	3-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
190	16	18	2-3/4	3-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
191	18	28	3-1/8	3-1/8	14	3/8	1/4" 4 @ 6, 2 @ 9, 3 @ 12	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
192	18	28	3-1/8	3-1/8	2	3/8	2 @ 8 @ COLL. 27	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
193	18	24	3-1/4	3-1/4	12	3/8	2 @ 6, 2 @ 9, 2 @ 12 @ COLL. 27	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
194	18	20	3-3/8	3-3/8	5	3/8	2 @ 6, 2 @ 9, 2 @ 12 @ COLL. 27	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
195	18	24	3-3/4	3-3/4	12	3/8	2 @ 6, 2 @ 9, 2 @ 12 @ COLL. 27	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
196	18	16	2-3/4	2-3/4	8	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
197	18	18	3-3/4	3-3/4	6	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
198	18	32	2-1/8	3-1/8	20	3/8	1/4" 4 @ 6, 2 @ 9, 3 @ 12	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
199	18	26	4-3/8	4-3/8	6	3/8	3 @ 8, 1 @ 9, 2 @ 12 @ COLL. 37	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
200	18	28	3-3/4	3-1/8	20	3/8	1/4" 4 @ 6, 2 @ 9, 3 @ 12	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
201	8	20	2-3/4	2-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
202	8	20	2-3/4	2-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
203	27	16	4-3/8	4-3/8	9	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
204	16	16	4-1/4	4-1/4	8	3/8	3 @ 8, 1 @ 9, 2 @ 12 @ COLL. 27	M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4" M. ST. + BENT @ COLL. ADD. 1/4"	
205	16	15	2-3/4	2-3/4	2	3/8	1 @ 8	M. ST. + BENT @ COLL. 2 @ 8	
206	16	18	3-3/4	3-3/4	6	3/8	3 @ 8	M. ST. + BENT @ COLL. 2 @ 8	



DETAIL OF INTERIOR COLUMN CAPITALS  
SCALE: 1/8" = 1'-0"



TYPICAL EXTERIOR COLUMN CAPITAL  
SCALE: 1/8" = 1'-0"



FIRST FLOOR FRAMING PLAN  
SCALE: 1/8" = 1'-0"  
TOP OF R.S. ELEV. 100'-6 1/4"

- STRUCTURAL NOTES:
- FIRST & SECOND FLOOR DESIGNED FOR 125' W. L.L.
  - SLAB DESIGNED ACCORDING TO ACI CODE 318-47, 3750 P.S.I. CONCRETE FOR COLS., 3000 P.S.I. CONCRETE FOR BEAMS, SLABS, WALLS STAIRS, 3500 P.S.I. CONCRETE FOR FLOOR.
  - COLS. DESIGNED ACCORDING TO 1940 JOINT COMMITTEE CODE.
  - 16 MIN. REIN. LONG. 23 MIN. REIN. DIA. & SLABS.
  - PROVIDE 30 MIN. CORNER BARS.
  - REINFORCE 5" SLABS ON GROUND WITH 6-6 @ 6 WELDED WIRE MESH.
  - SEE ARCH. SH. 13 FOR REINFORCING IN STAIRS.
  - SEE ARCH. FOR BENTS IN SLAB - BRANCH 518.
  - OMIT SHOP PAINTING OF SLABS EXPOSED IN CONC. - WHERE NOTED.

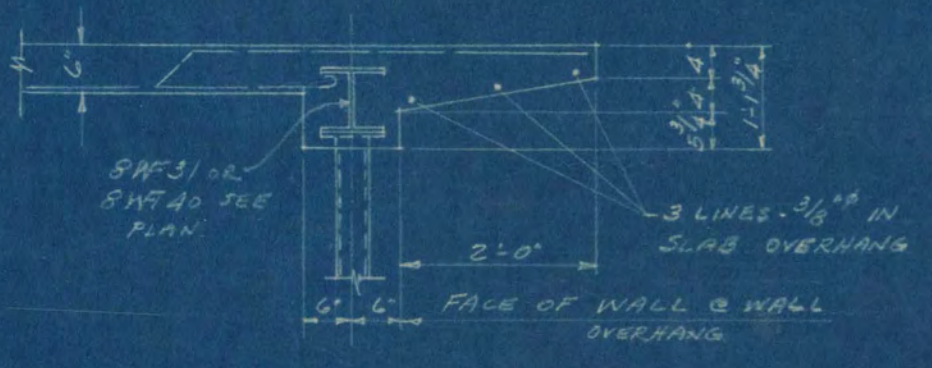
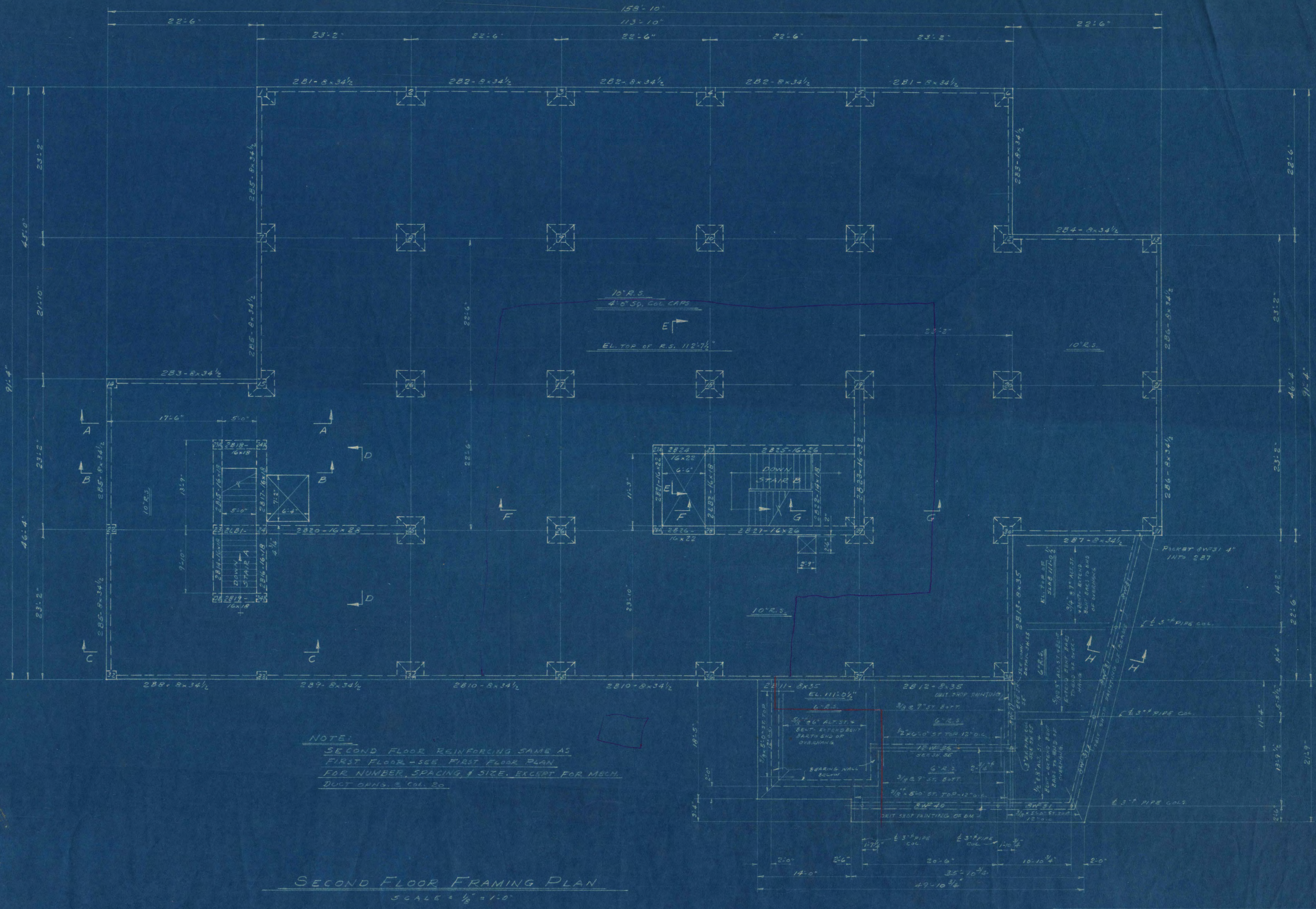
LIBRARY BUILDING - STATE TEACHERS COLLEGE  
ST. CLOUD, MINNESOTA  
DEPT. OF ADMINISTRATION - STATE OF MINNESOTA  
ST. PAUL, MINNESOTA

DATE: JAN 31  
COMM. NO.: 4920  
DRAWN BY: [Signature]

APPROVED BY: [Signature] LOUIS C. PINAULT, ARCHITECT  
[Signature] GAIISHAW & MOORE, ENGINEERS  
[Signature] [Signature]

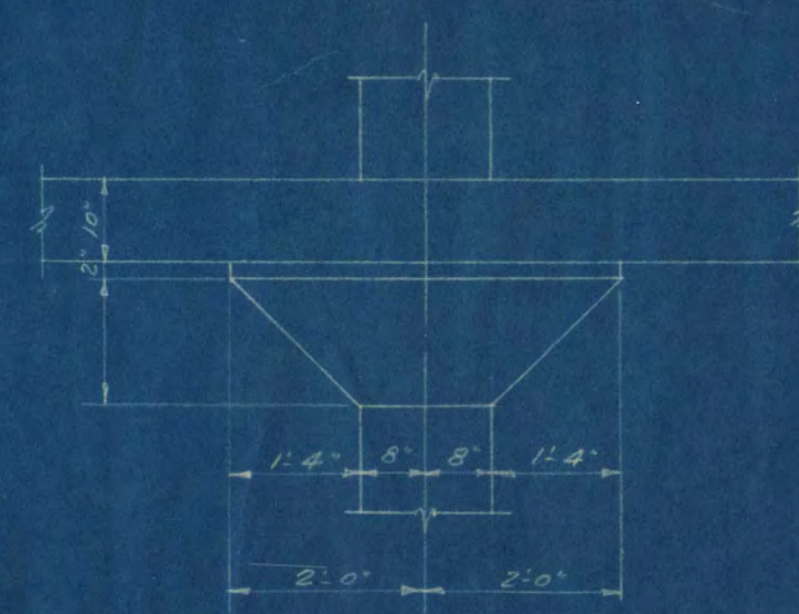
PROJECT NO.: 1548

BEAM SCHEDULE						
MARK	B	D	STRAIGHT	BENT	STIRRUPS	REMARKS
281	8	34	1-3/4	1-1/8	12 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
282	8	34	1-3/4	1-1/8	10 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
283	8	34	1-1/2	1-1/8	16 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
284	8	34	1-1/2	1-1/8	16 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
285	8	34	1-7/8	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
286	8	34	1-7/8	1-1/8	16 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
287	8	34	1-1/2	1-1/8	16 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
288	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
289	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
290	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
291	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
292	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
293	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
294	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
295	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
296	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
297	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
298	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
299	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
300	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
301	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
302	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
303	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
304	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
305	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
306	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
307	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
308	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
309	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
310	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
311	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
312	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
313	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
314	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
315	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
316	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
317	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
318	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
319	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
320	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
321	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
322	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
323	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
324	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
325	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
326	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
327	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
328	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
329	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
330	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
331	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
332	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
333	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
334	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
335	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
336	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
337	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
338	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
339	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.
340	8	34	1-3/4	1-1/8	14 3/8	ADD 1-1/8" x 4-1/2" ST. TOP K. 100 COL.



SECTION H-H  
SCALE = 1/4" = 1'-0"

DETAIL OF BMS. 2824 + 2825 - SIMILAR  
FOR BMS. 2826 + 2827  
SCALE = 1/4" = 1'-0"



DETAIL OF INTERIOR  
COLUMN CAPITALS -  
SCALE = 1/2" = 1'-0"

NOTE:  
SECOND FLOOR REINFORCING SAME AS  
FIRST FLOOR - SEE FIRST FLOOR PLAN  
FOR NUMBER, SPACING, & SIZE, EXCEPT FOR MECH.  
DUCT OPENG. & COL. CAP.

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

LIBRARY BUILDING  
STATE TEACHER COLLEGE  
ST. CLOUD, MINNESOTA  
DEPT. OF ADMINISTRATION  
ST. PAUL, MINNESOTA

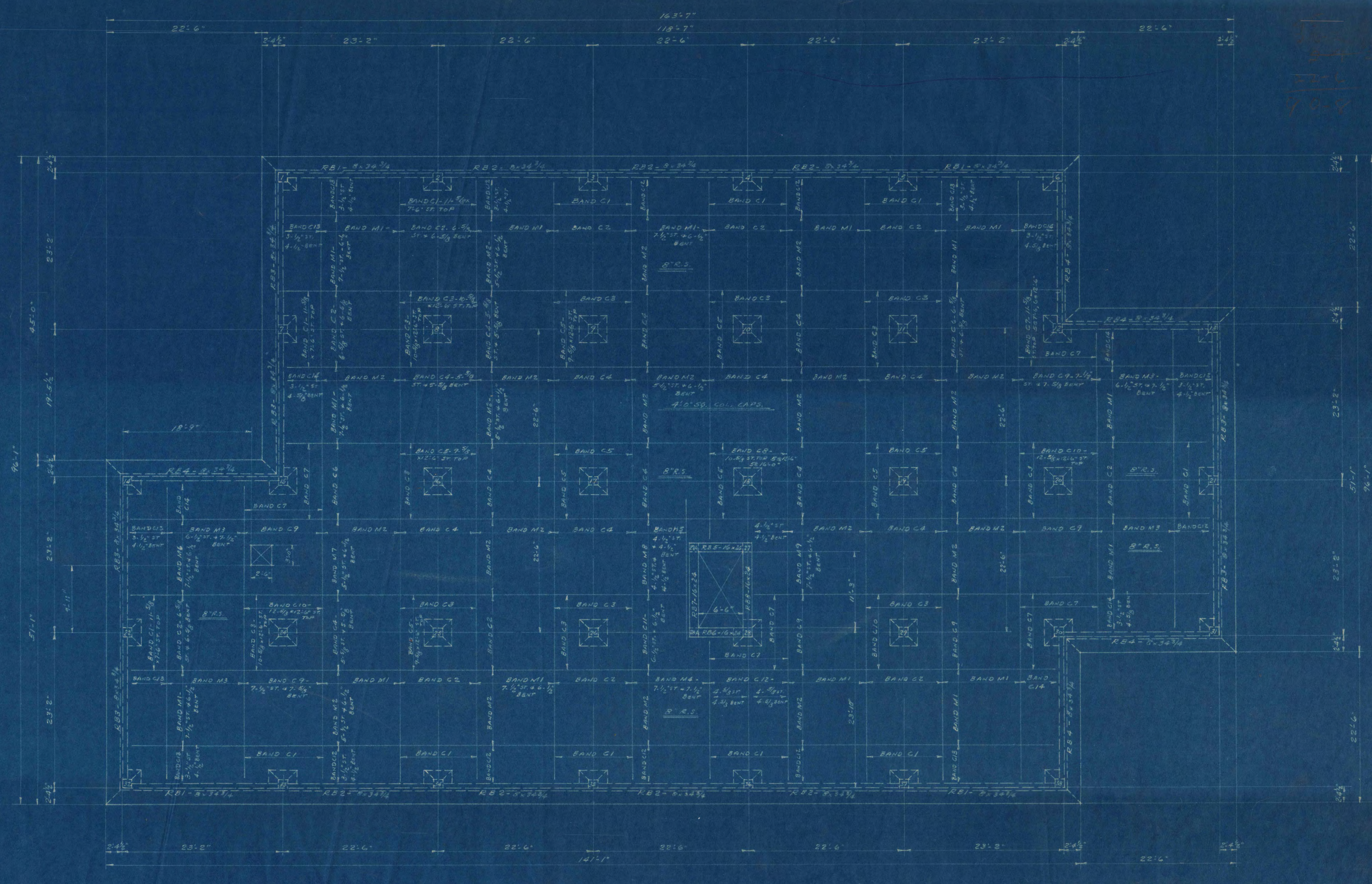
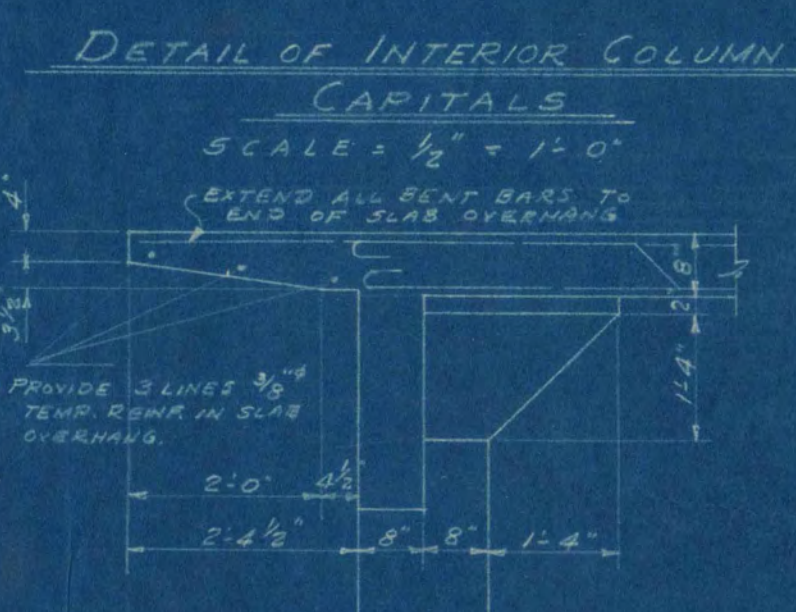
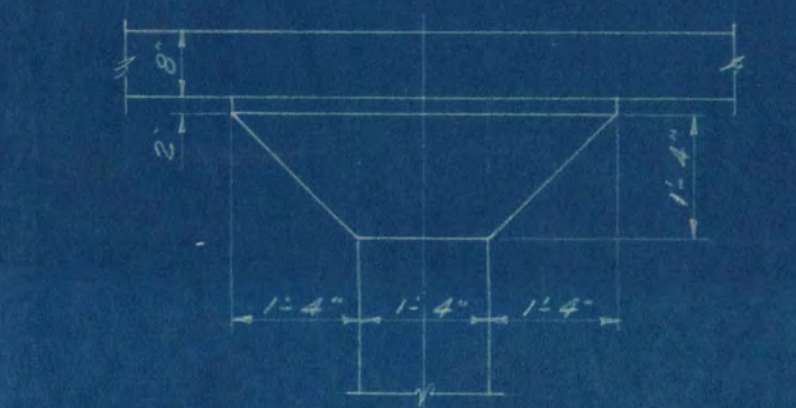
DATE: JAN 51  
COMM. NO.: 4920  
DRAWN BY: JWS

LOUIS D. PINAULT, ARCHITECT  
ST. CLOUD, MINNESOTA  
GAUSMAN & MOORE, ENGINEERS  
ST. PAUL, MINNESOTA

APPROVED BY: *[Signature]*  
APPROVED BY: *[Signature]*  
APPROVED BY: *[Signature]*

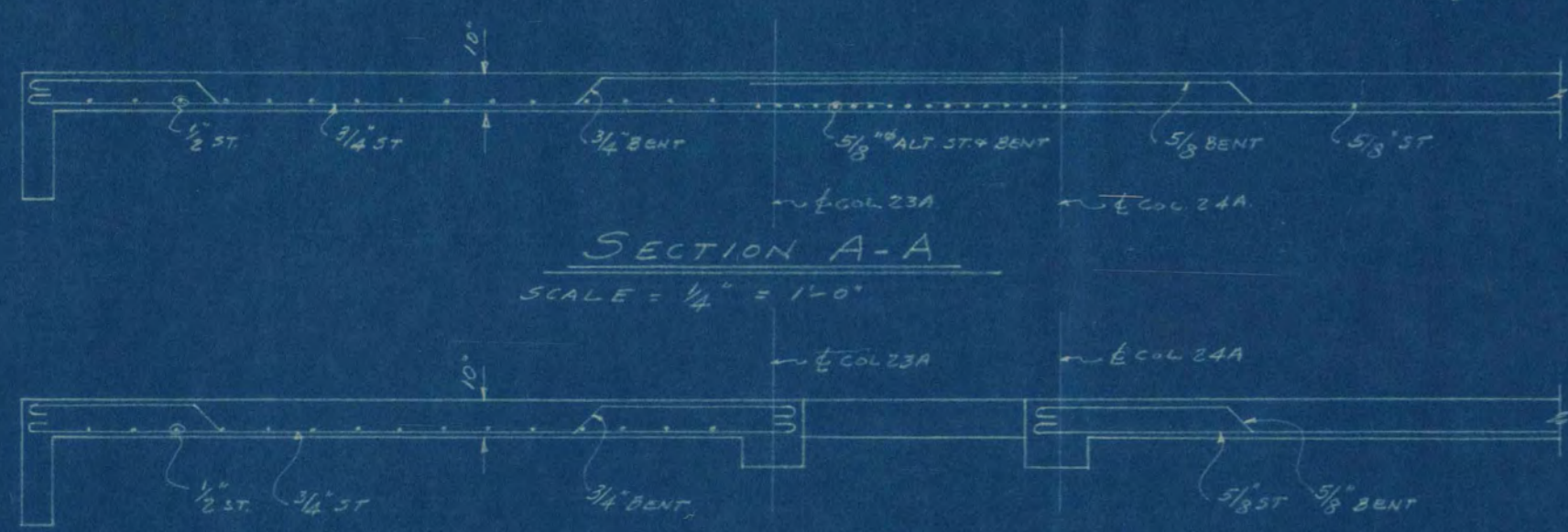
SHEET NO. 5 OF 5  
PROJECT NO. 1318

BEAM SCHEDULE							REMARKS
MARK	B	D	STRAIGHT	BENT	NO. SIZES	SPACING EACH END	
RB1	8	3/4"	1-5/8"	1-1"	6	3 @ 12"	IK ST. + BENT @ EXTERIOR COLS.
RB2	8	3/4"	1-5/8"	1-1"	4	3 @ 12"	IK ST. + BENT @ EXTERIOR COLS.
RB3	8	3/4"	1-5/8"	1-1"	6	3 @ 12"	IK ST. + BENT @ COLS.
RB4	8	3/4"	1-1"	1-1"	4	3 @ 12"	UPTURNED BM. IK @ COLS.
RB5	16	24	2-3/4"	-	-	-	UPTURNED BM. IK @ COLS.
RB6	16	24	2-3/4"	-	-	-	UPTURNED BM. IK @ COLS.
RB7	16	24	2-3/4"	2-3/8"	-	-	UPTURNED BM. IK ST. + BENT @ COLS.
RB8	16	24	2-3/4"	2-5/8"	-	-	UPTURNED BM. IK ST. + BENT @ COLS.

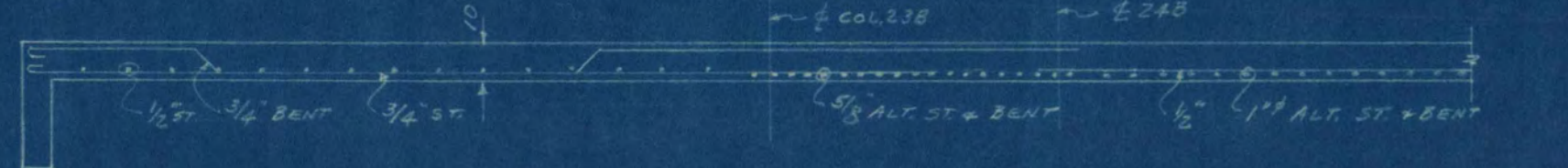


ROOF FRAMING PLAN  
SCALE = 1/8" = 1'-0"

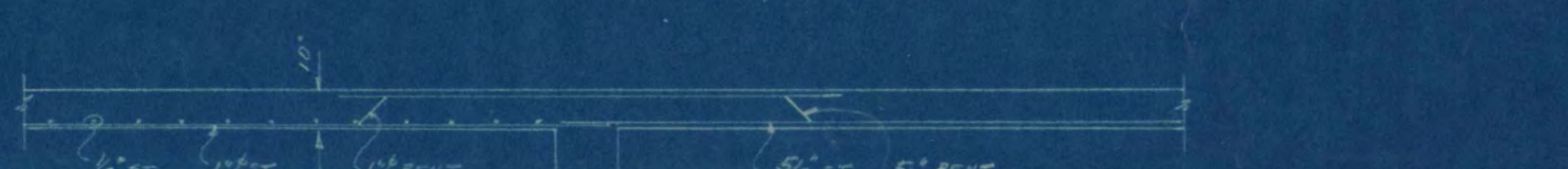
LIBRARY BUILDING STATE TEACHERS COLLEGE ST. CLOUD, MINNESOTA DEPT. OF ADMINISTRATION - STATE OF MINNESOTA ST. PAUL, MINNESOTA			
DATE JAN 51	DESIGNED BY LOUIS C. PINAULT, ARCHITECT ST. CLOUD, MINNESOTA	APPROVED BY <i>[Signature]</i>	SHEET NO. 5-4
COMM. NO. 4920	ENGINEERED BY CAUSMAN & MOORE, ENGINEERS ST. PAUL, MINNESOTA	APPROVED BY <i>[Signature]</i>	OF 5
DRAWN BY J.W.S.	APPROVED BY <i>[Signature]</i>	APPROVED BY <i>[Signature]</i>	PROJECT NO. 1318



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



SECTION C-C  
SCALE = 1/4" = 1'-0"



SECTION D-D  
SCALE = 1/4" = 1'-0"



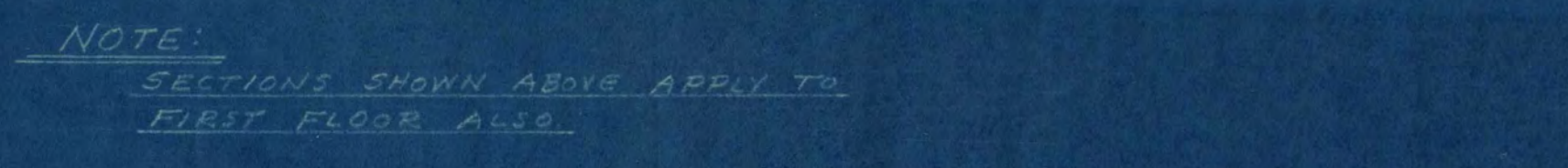
SECTION E-E  
SCALE = 1/4" = 1'-0"



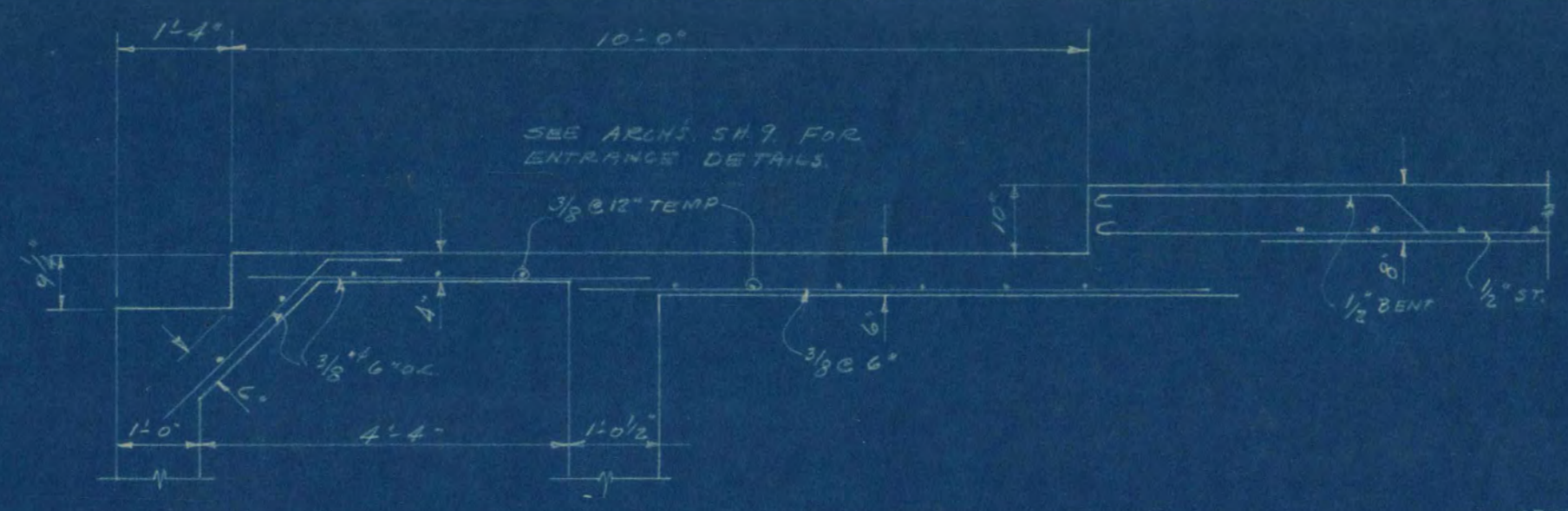
SECTION F-F  
SCALE = 1/4" = 1'-0"



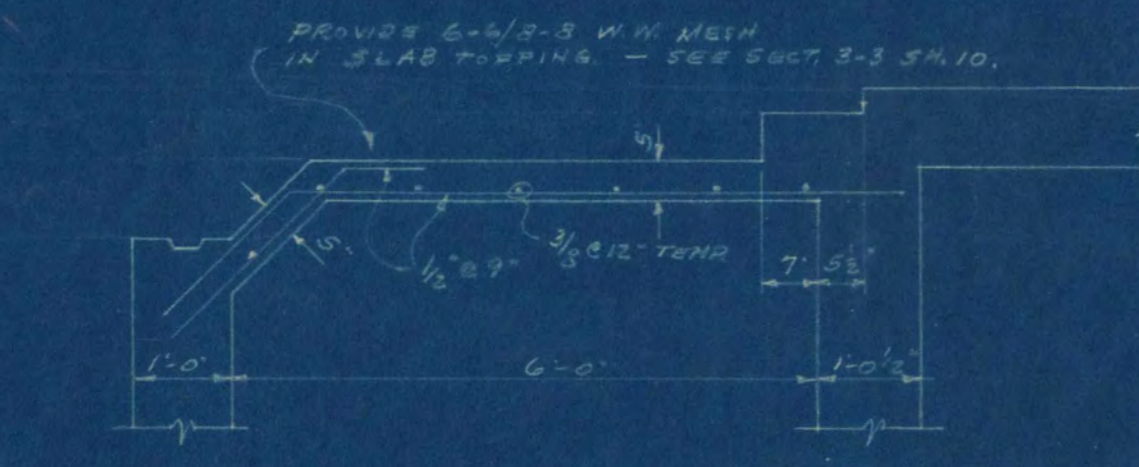
SECTION G-G  
SCALE = 1/4" = 1'-0"



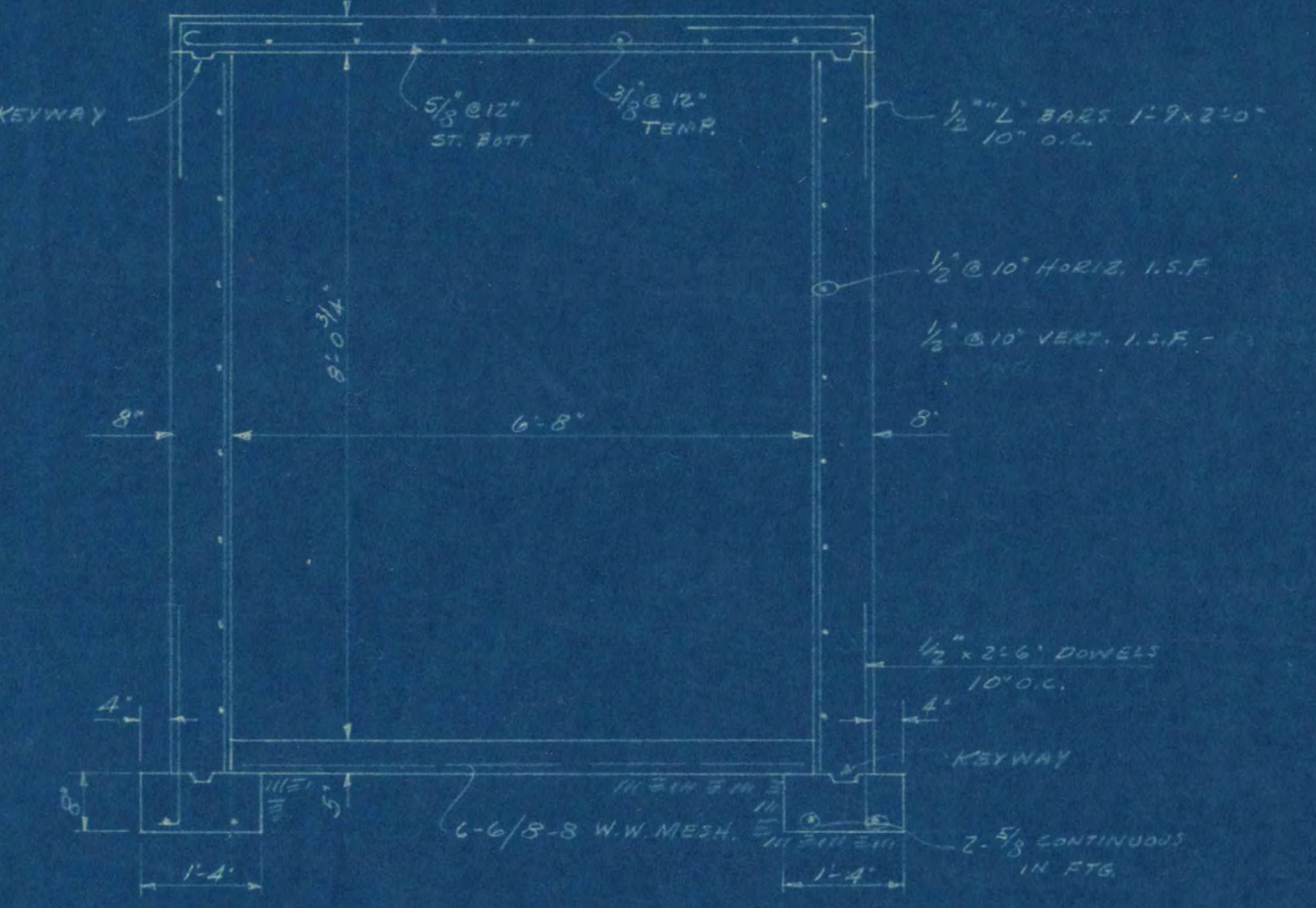
NOTE:  
SECTIONS SHOWN ABOVE APPLY TO  
FIRST FLOOR ALSO.



SECTION THRU FRONT ENTRANCE  
SCALE = 1/2" = 1'-0"

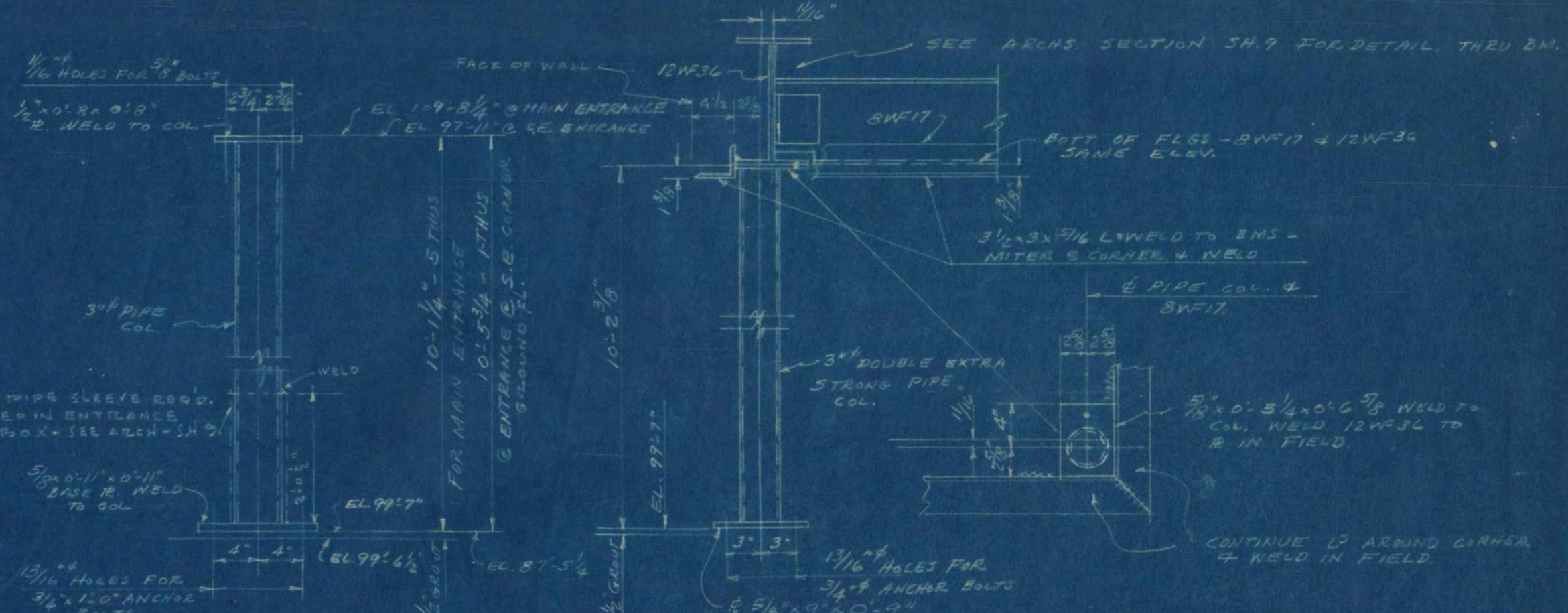


SECTION THRU ENTRANCE @ COL. 33  
SCALE = 1/2" = 1'-0"

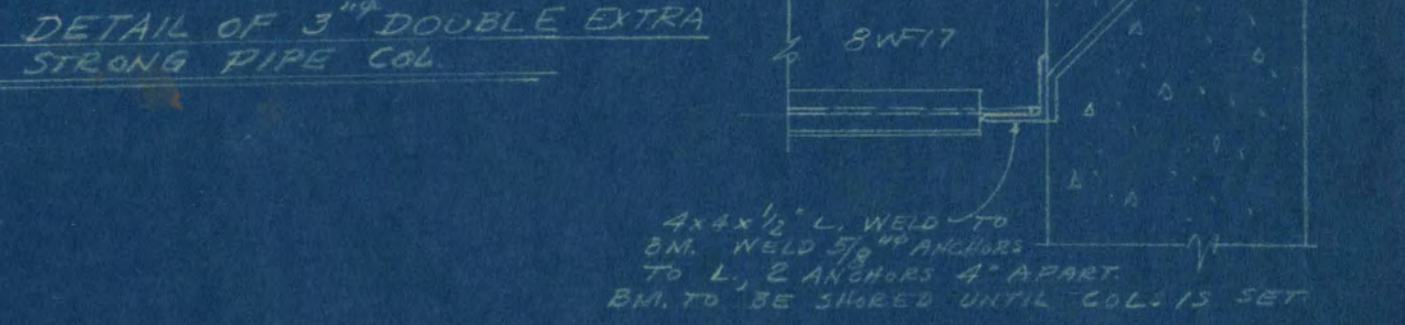


TYPICAL TUNNEL REINFORCING  
SCALE = 1/2" = 1'-0"

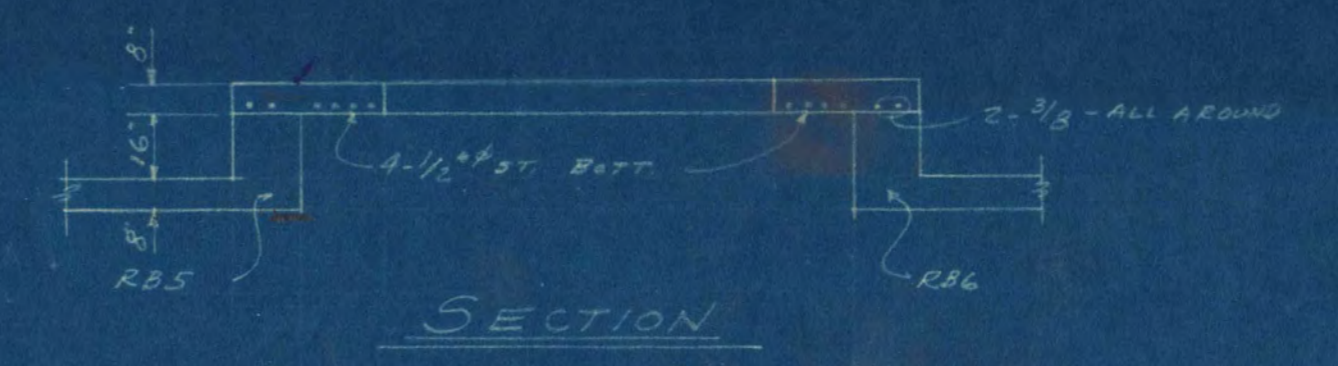
SEE ARCH'S SH. 9.4 PLOT FOR DETAILS AND LENGTH  
OF TUNNEL - TUNNEL APPROX. 260'-0" LONG.



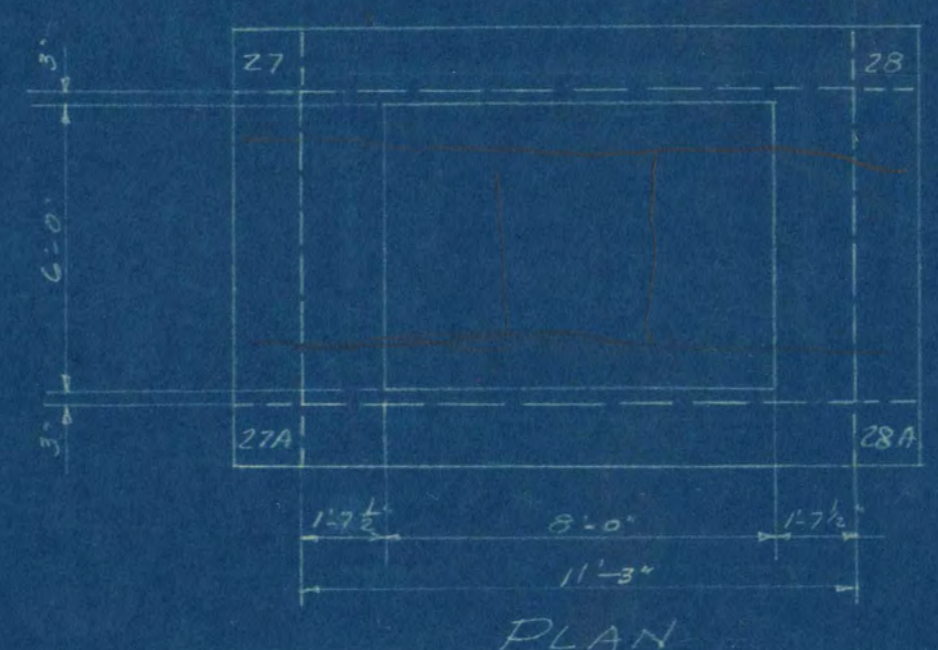
DETAIL OF 3" PIPE COLS.  
SCALE = 1/2" = 1'-0"



DETAIL OF BEAM CONN.  
AT COL. 35.



SECTION



PLAN

DETAIL OF MECH. OPNS. ON ROOF  
SCALE = 1/4" = 1'-0"

LIBRARY BUILDING STATE TEACHERS COLLEGE ST. CLOUD, MINNESOTA		
DEPT. OF ADMINISTRATION - STATE OF MINNESOTA ST. PAUL, MINNESOTA		
DATE JAN 51	LOUIS C. FINAULT, ARCHITECT ST. CLOUD, MINNESOTA	SHEET NO. 5-5
COMM. NO. 4920	GAUSMAN & MOORE ENGINEERS ST. PAUL, MINNESOTA	PROJECT NO.
DRAWN BY J W S	APPROVED BY <i>Arthur M. Cleure</i>	1318