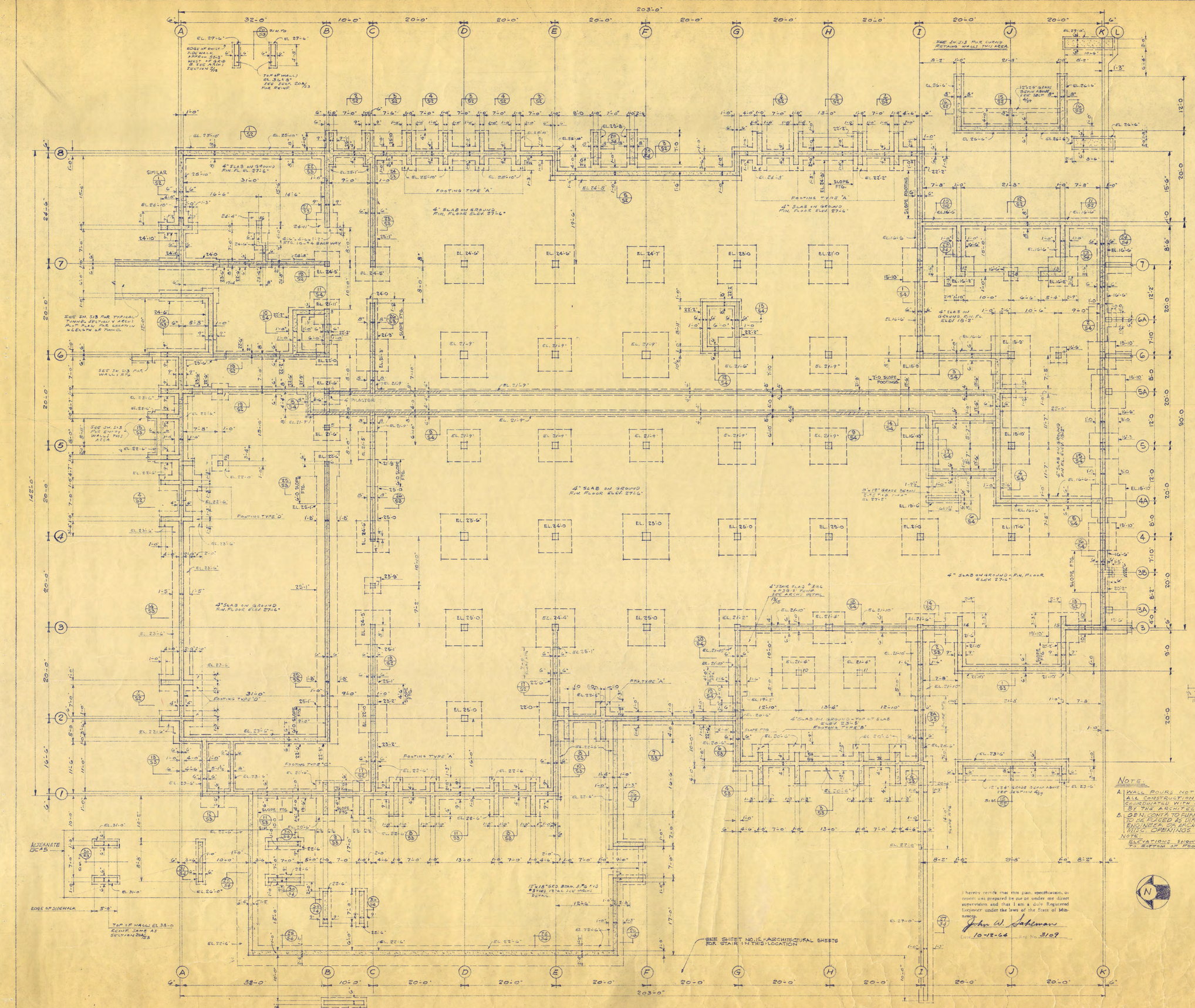

203'-0"
142'-0"
4" SLAB ON GROUND FIN. FLOOR ELEV 27'-6"
FOOTING TYPE "A"
FOOTING TYPE "B"
FOOTING TYPE "C"
SLOPE FTG.
SLOPE FOOTINGS
SEE SH. S13 FOR CURVED RETAINING WALLS THIS AREA
SEE SH. S13 FOR TYPICAL TUNNEL (VERTICAL AREA) PLOT PLAN FOR LOCATION & LENGTH OF TUNNEL
SEE SH. S13 FOR WALL DTL.
SEE SH. S13 FOR ENTRY WALL THIS AREA
4" PILASTER
4" SLAB ON GROUND FIN. FLOOR ELEV 27'-6"

CONCRETE COLUMN AND FOOTING SCHEDULE

COL. MARK	1 & 2	7B & 3	6B	4 & 5	6	7	8	9	10 & 11	C2 & C5	C3	C4 & C6	C7	D2
TOP OF SLAB ELEV.														
SIZE														
VERT.														
TIES														
TOP OF SLAB ELEV.									51'-4½					
SIZE									12x12					
VERT.									4-#7					
TIES									#3@12"					
TOP OF SLAB ELEV.		51'-4½	51'-4½	51'-4½	51'-4½				42'-0½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½
SIZE		12x12	12x12	12x12	15x12				12x12	12x16	12x16	12x16	12x16	12x16
VERT.		4-#6	4-#6	4-#6	4-#6				4-#9	6-#6	6-#7	6-#6	6-#6	6-#7
TIES		#3@12"	#3@12"	#3@12"	#3@12"				#3@12	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS
TOP OF SLAB ELEV.	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	27'-4½	27'-4½	32'-6	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½
SIZE	12x12	12x12	12x12	12x12	12x12	12x12	18x12	12x12	14x14	12x16	12x16	12x16	12x16	16x16
VERT.	4-#6	4-#7	4-#6	4-#7	4-#6	4-#6	4-#6	4-#6	4-#10	6-#7	6-#10	6-#7	6-#8	6-#8
TIES	#3@12"	#3@12"	#3@12"	#3@12"	#3@12"	#3@12	#3@12	#3@12	#3@14	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@16" ESETS
DOWELS	4-#6	4-#7	4-#6	4-#7	4-#6	4-#6	4-#6	4-#6	4-#10	6-#7	6-#10	6-#7	6-#8	6-#8
FOOTING SIZE	8'-6x3'-6x1'-0	5'-6x8'-6x1'-3	4'-6x4'-6x1'-2	5'-7½'-8'-9x1'-3	5'-6x5'-6x1'-3	3'-6x3'-6x1'-0	3'-0x3'-0x1'-0	3'-6x3'-6x1'-0	7'-0x7'-0x1'-6	6'-3x6'-3x1'-4	7'-6x7'-6x1'-8	7'-0x7'-0x1'-6	7'-6x7'-6x1'-8	7'-6x7'-6x1'-8
FOOTING REINF. EA. WAY	7-#4	10-#5	10-#4	11-#5	10-#5	7-#4	5-#4	7-#4	12-#6	10-#6	10-#7	12-#6	10-#7	10-#7

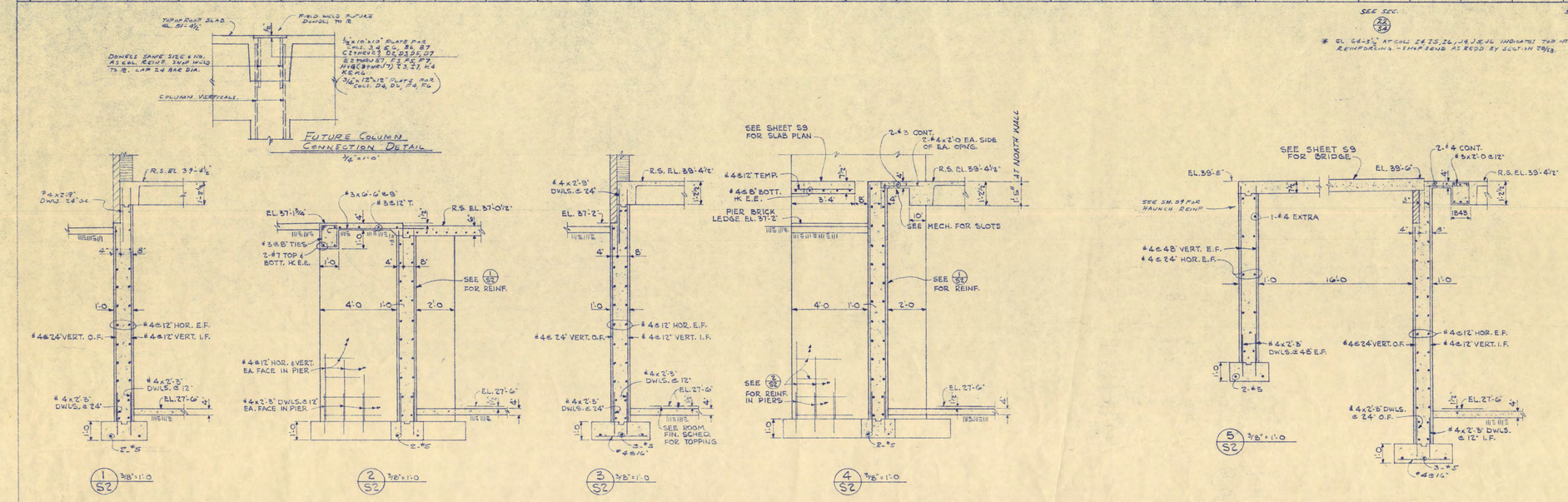
COL. MARK	D3, F3, F7 G4, G5, G6 H4, H5, H6	D5, D6 F4, F6	D5, E4, E5 E6, F5	D7, H7	E2	E3	E7 & G7	G3	H3	I3	I4	I5	I6	I7
TOP OF SLAB ELEV.													64'-3½ *	
SIZE													12x12	
VERT.													4-#7	
TIES													#3@12	
TOP OF SLAB ELEV.											64'-3½ *	64'-3½ *	51'-4½	51'-4½
SIZE											12x12	12x12	12x16	12x16
VERT.											4-#7	4-#8	6-#8	6-#6
TIES											#3@12	#3@12	#3@12 ESETS	#3@12 ESETS
TOP OF SLAB ELEV.	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	51'-4½	37'-4½	39'-4½
SIZE	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16	12x16
VERT.	6-#7	6-#10	6-#6	6-#8	6-#6	6-#7	6-#8	6-#7	6-#7	6-#6	6-#8	6-#9	6-#9	6-#7
TIES	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12" ESETS	#3@12 ESETS	#3@12" ESETS	#3@12" ESETS	#3@12 ESETS	#3@12 ESETS	#3@12 ESETS	#3@12 ESETS	#3@12" ESETS	#3@12" ESETS
TOP OF SLAB ELEV.	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	39'-4½	27'-4½	27'-4½
SIZE	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	16x16	12x16	16x16	16x16	16x16	12x16
VERT.	6-#10	8-#10	6-#11	6-#11	6-#7	6-#10	6-#11	6-#8	6-#7	6-#7	6-#9	6-#9	6-#9	6-#7
TIES	#3@16" ESETS	#3@20 ESETS	#3@14 ESETS	#3@16" ESETS	#3@12 ESETS	#3@16 ESETS	#3@16 ESETS	#3@16 ESETS	#3@16 ESETS	#3@12 ESETS	#3@16 ESETS	#3@16 ESETS	#3@16" ESETS	#3@12" ESETS
DOWELS	6-#7	8-#10	6-#7	6-#11	6-#7	6-#10	6-#11	6-#8	6-#7	6-#7	6-#9	6-#9	6-#9	6-#7
FOOTING SIZE	7'-3½'-7'-3x1'-6	8'-6x8'-6x1'-9	8'-0x8'-6x1'-9	8'-0x8'-0x1'-8	7'-0x7'-0x1'-6	8'-6x8'-6x1'-9	8'-0x8'-6x1'-9	8'-0x8'-0x1'-8	7'-0x7'-0x1'-6	6'-3x6'-3x1'-4	8'-0x8'-0x1'-8	8'-0x8'-0x1'-8	8'-6x8'-6x1'-9	7'-6x7'-6x1'-8
FOOTING REINF. EA. WAY	10-#7	12-#9	10-#7	11-#8	12-#6	11-#8	11-#8	12-#7	12-#6	10-#6	12-#7	12-#7	11-#8	10-#7

COL. MARK	J4	J5	J6	K4	K5	K6	12 & 13	14 & 15	16	K5A
TOP OF SLAB ELEV.			64'-3½ *							
SIZE			12x12							
VERT.			4-#7							
TIES			#3@12							
TOP OF SLAB ELEV.	64'-3½ *	64'-3½ *	51'-4½		51'-4½	51'-4½				
SIZE	12x12	12x12	12x16		12x16	12x16				
VERT.	4-#7	4-#8	6-#6		6-#6	6-#6				
TIES	#3@12	#3@12	#3@12 ESETS		#3@12	#3@12				
TOP OF SLAB ELEV.	51'-4½	51'-4½	39'-4½	51'-4½	39'-4½	39'-4½			50'-4½	
SIZE	12x16	12x16	16x16	12x16	12x16	12x16			12x12	
VERT.	6-#7	6-#8	6-#9	6-#6	6-#6	6-#6			4-#6	
TIES	#3@12 ESETS	#3@12 ESETS	#3@16 ESETS	#3@12	#3@12	#3@12			#3@12	
TOP OF SLAB ELEV.	39'-4½	39'-4½	27'-4½	39'-4½	27'-6'	27'-4½			39'-4½	36'-4½
SIZE	16x16	16x16	16x16	12x16	12x16	12x16	WALL	WALL	12x12	12x12
VERT.	6-#9	6-#10	6-#9	6-#6	6-#6	6-#6			4-#6	4-#6
TIES	#3@16 ESETS	#3@16 ESETS	#3@16 ESETS	#3@12	#3@12	#3@12			#3@12	#3@12
DOWELS	6-#9	6-#10	6-#9	6-#6	6-#6	6-#6			4-#6	4-#6
FOOTING SIZE	8'-0x8'-0x1'-8	8'-0x8'-0x1'-8	8'-0x8'-0x1'-8	8'-0x8'-0x1'-8	10'-9½'-8'-9x1'-3	6'-0x6'-0x1'-0	6'-6x6'-6x1'-4	6'-6x6'-6x1'-4	4'-6x4'-6x1'-2	REF DOWELS IN FOOTINGS AT SLAB 27'-6"
FOOTING REINF. EA. WAY	12-#7	12-#7	11-#8	10-#5	11-#5 SEE PLAN FOR ACTUAL SIZE	10-#5	10-#6	10-#6	10-#4	

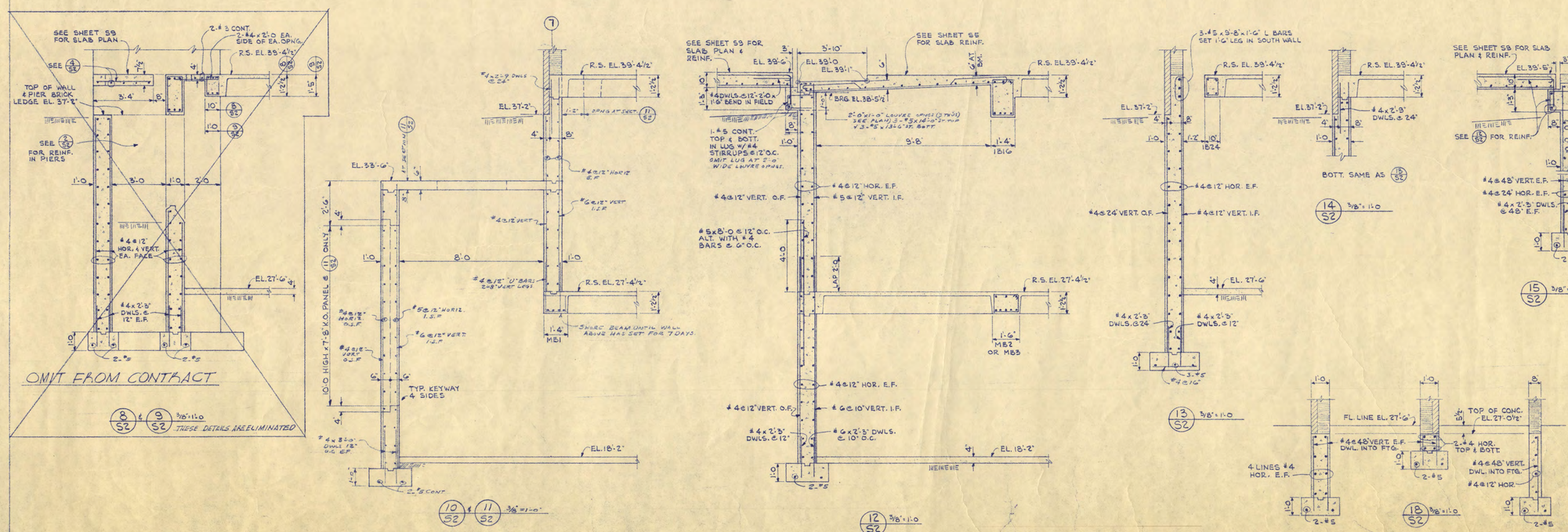
SEE SEC. 3/S2

SEE SEC. 3/S2

* EL. 64'-3½" AT COLS. I4, I5, I6, J4, J5, J6 INDICATES TOP OF REINFORCING - EXAMPLE AND AS REQD BY SECTION 20/S3.



NOTE / SECTIONS 6/S2 & 7/S2 HAVE BEEN OMITTED



STUDENT UNION
FOR ST. CLOUD STATE COLLEGE

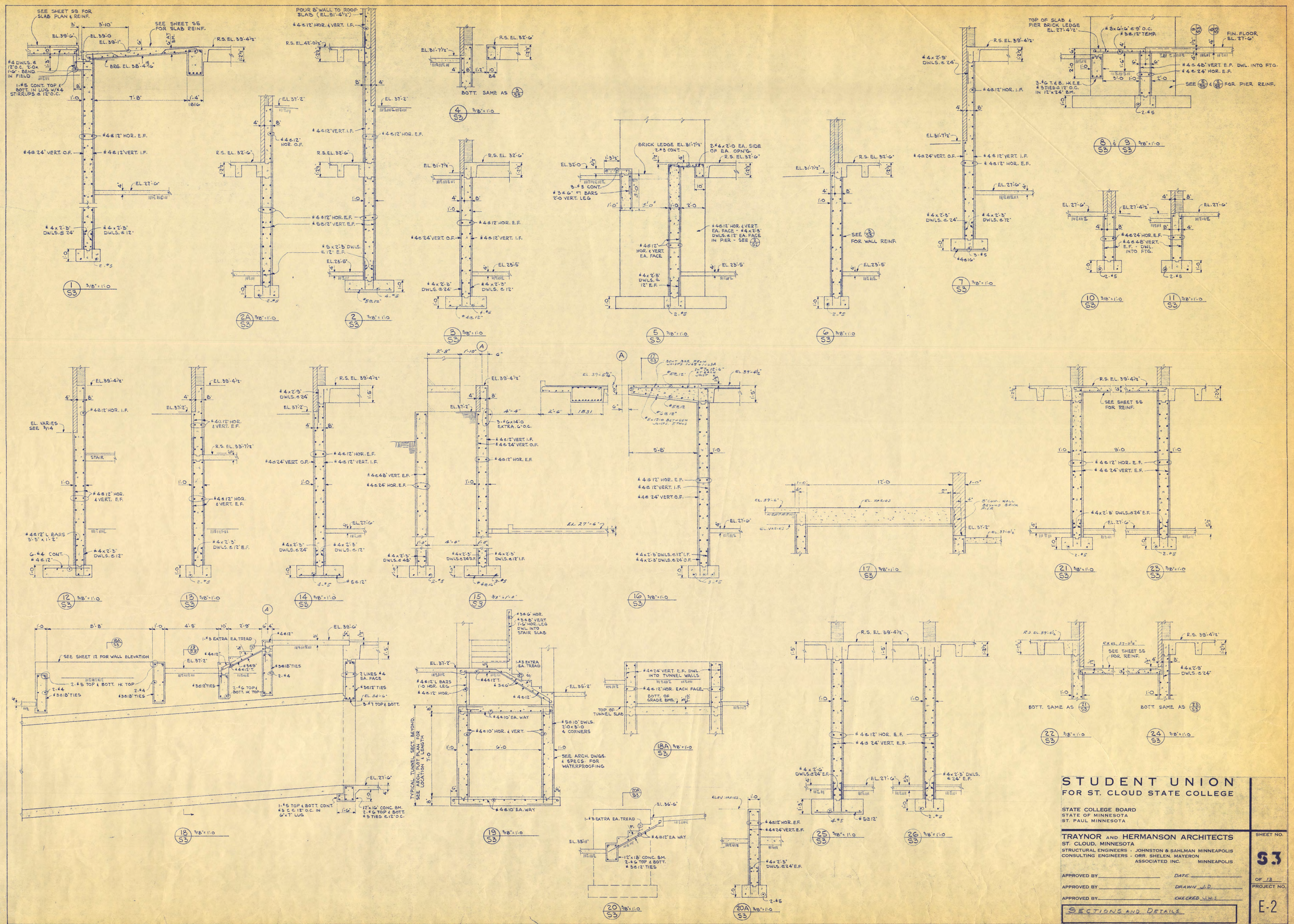
STATE COLLEGE BOARD
STATE OF MINNESOTA
ST. PAUL MINNESOTA

TRAYNOR AND HERMANSON ARCHITECTS
ST. CLOUD, MINNESOTA
STRUCTURAL ENGINEERS - JOHNSTON & SAHLMAN MINNEAPOLIS
CONSULTING ENGINEERS - ORR, SHELEN, MAYERON ASSOCIATED INC. MINNEAPOLIS

APPROVED BY _____ DATE 10-12-65
APPROVED BY _____ DRAWN J.D. & J.W.S.
APPROVED BY _____ CHECKED J.W.S.

COLUMN AND FOOTING SCHEDULE AND SECTIONS

SHEET NO. S2 OF 13
PROJECT NO. E-2



STUDENT UNION
FOR ST. CLOUD STATE COLLEGE

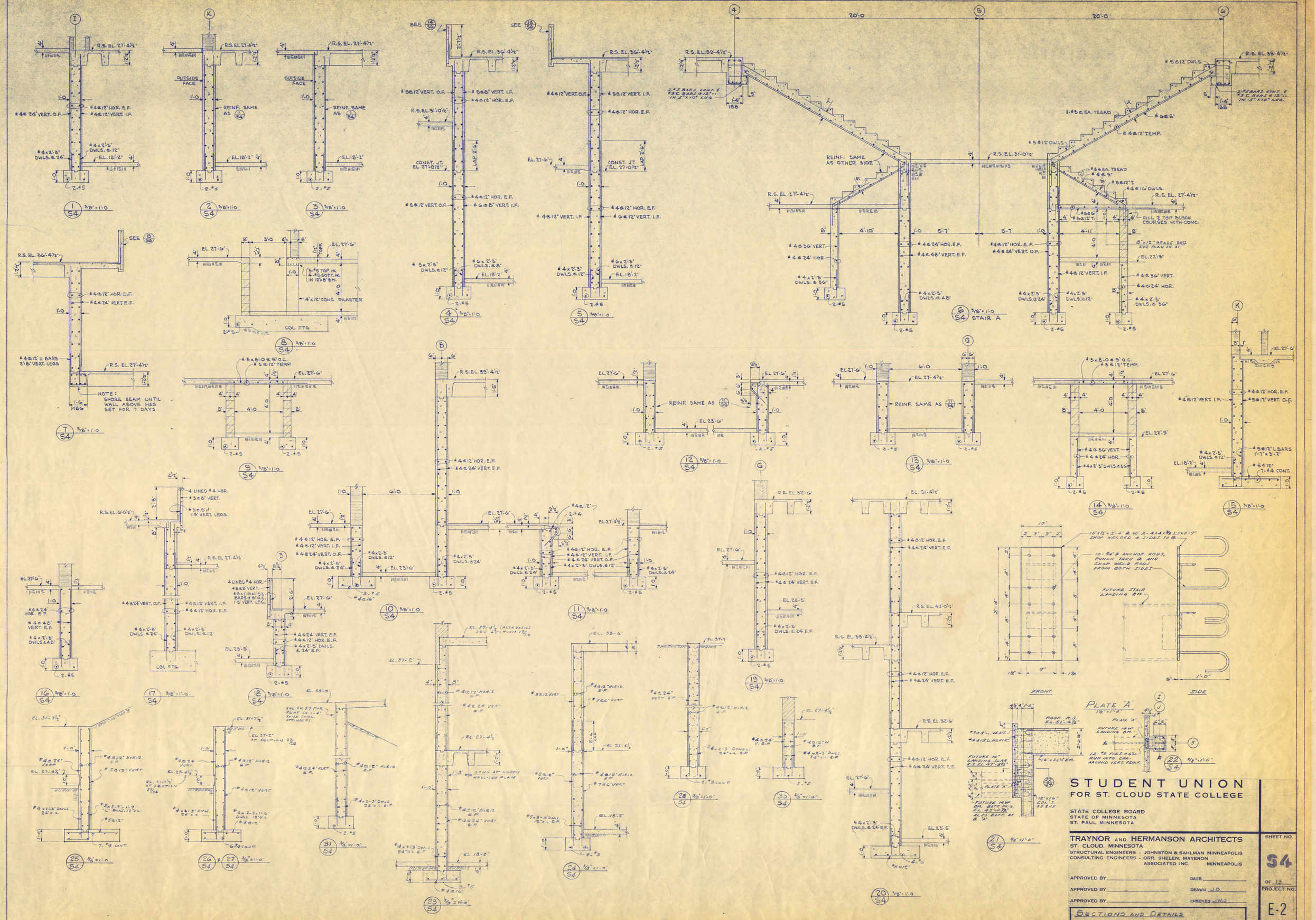
STATE COLLEGE BOARD
STATE OF MINNESOTA
ST. PAUL MINNESOTA

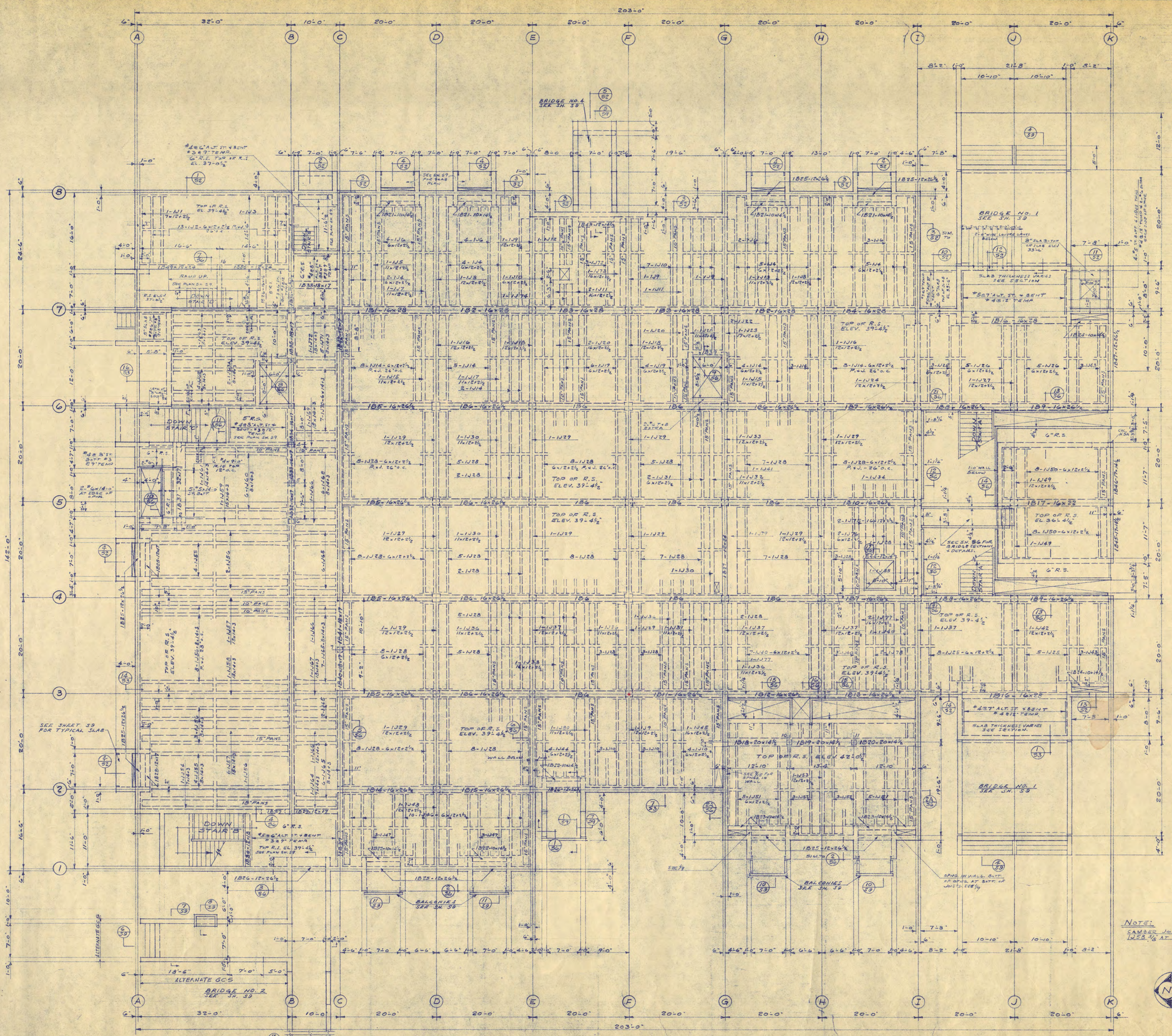
TRAYNOR AND HERMANSON ARCHITECTS
ST. CLOUD, MINNESOTA
STRUCTURAL ENGINEERS - JOHNSTON & SAHLMAN MINNEAPOLIS
CONSULTING ENGINEERS - ORR, SHELEN, MAYERON ASSOCIATED INC. MINNEAPOLIS

APPROVED BY _____ DATE _____
APPROVED BY _____ DRAWN J.D.
APPROVED BY _____ CHECKED J.W.S.

SECTIONS AND DETAILS

SHEET NO. S3 OF 13
PROJECT NO. E-2


1/S4 3/8"=1'-0
2/S4 3/8"=1'-0
3/S4 3/8"=1'-0
4/S4 3/8"=1'-0
5/S4 3/8"=1'-0
6/S4 3/8"=1'-0 STAIR A
7/S4 3/8"=1'-0
8/S4 3/8"=1'-0
9/S4 3/8"=1'-0
10/S4 3/8"=1'-0
11/S4 3/8"=1'-0
12/S4 3/8"=1'-0
13/S4 3/8"=1'-0
14/S4 3/8"=1'-0
15/S4 3/8"=1'-0
16/S4 3/8"=1'-0
17/S4 3/8"=1'-0
18/S4 3/8"=1'-0
19/S4 3/8"=1'-0
20/S4 3/8"=1'-0
21/S4 3/8"=1'-0
22/S4 3/8"=1'-0
23/S4 3/8"=1'-0
24/S4 3/8"=1'-0
25/S4 3/8"=1'-0
26/S4 3/8"=1'-0
27/S4 3/8"=1'-0
28/S4 3/8"=1'-0
30/S4 3/8"=1'-0
31/S4 3/8"=1'-0
FRONT
SIDE
PLATE "A"
STUDENT UNION
FOR ST. CLOUD STATE COLLEGE
STATE COLLEGE BOARD
STATE OF MINNESOTA
ST. PAUL MINNESOTA
TRAYNOR AND HERMANSON ARCHITECTS
ST. CLOUD, MINNESOTA
STRUCTURAL ENGINEERS - JOHNSTON & SAHLMAN MINNEAPOLIS
CONSULTING ENGINEERS - ORR, SHELEN, MAYERON ASSOCIATED INC. MINNEAPOLIS
APPROVED BY
DATE
DRAWN J.D.
CHECKED J.W.S.
SECTIONS AND DETAILS
SHEET NO.
S4
OF 13
PROJECT NO.
E-2



NOTE:
CAMBER JOISTS 1J54 THRU 1J58 3/4" AT ℄ OF SPAN.

NOTES:
ALL 12" DEEP PANS TO BE STRAIGHT PANS EXCEPT AT EACH SIDE OF GRID 7 (C TO E + G TO J) WHICH HAVE 1'-4" TAPERED PANS.
ALL 12" DEEP PANS TO HAVE 1'-4" TAPERED ENDS AT GRID 8.
ALL BRIDGING JOISTS FOR 12x2½ P.J. CONSTR. TO BE 6" WIDE WITH 1-#5 T.&B.
ALL BRIDGING JOISTS FOR 14x3 P.J. CONSTR. TO BE 8" WIDE WITH 1-#6 T.&B.
LAP ALL BRIDGING REINF. 20" AT SPLICES.
PROVIDE #12 TEMP. IN JOIST OF NON-JOIST CONSTRUCTION.

CONCRETE JOIST SCHEDULE

MARK	bxd	STRAIGHT	BENT	TOP	REMARKS
1J1	7x12+2½	1-#6	1-#6	—	H. BENT BARS EA. END.
1J2	6x12+2½	1-#6	1-#6	2-#5x7'-0	H. BENT BARS EA. END. CENTER TOP BARS ON ℄ OF SPAN. 5" BEARING ON WALL
1J3	7x12+2½	1-#6	1-#6	—	do 1J1
1J4	6x12+2½	1-#7	1-#8	2-#7x12'-0	CENTER TOP BARS ON ℄ OF SPAN. H. BENT AT EXTERIOR END.
1J5	11x12+2½	2-#6	2-#8	4-#7x12'-0	H. BENT AT EXTERIOR END. H. 1 BENT AT 1B1. CENTER TOP BARS ON ℄ OF SPAN.
1J6	6x12+2½	1-#7	1-#7	2-#6x11'-0	CENTER TOP BARS ON ℄ OF SPAN
1J7	11x12+2½	2-#6	2-#7	4-#7x12'-0	H. BENT AT 1B21.
1J8	12x12+2½	2-#7	2-#7	4-#7x12'-0	do 1J4
1J9	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J4
1J10	6x12+2½	1-#6	1-#7	2-#6x10'-0	do 1J4
1J11	16x12+2½	3-#7	3-#7	5-#7x10'-0	do 1J4
1J12	6x12+2½	1-#4	1-#5	—	H. BENT AT EXTERIOR WALL + AT GRID 4.
1J13	11x12+2½	2-#6	2-#7	4-#6x11'-0	do 1J6
1J14	6x12+2½	1-#6	1-#7	2-#6x10'-0	CENTER TOP BARS ON ℄ OF SPAN
1J15	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J14 + H. 1 BENT BAR AT GRIDLINE 6.
1J16	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J14
1J17	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J14 + H. 1 BENT BAR AT GRIDLINE 7.
1J18	12x12+2½	2-#6	2-#7	4-#6x10'-0	CENTER TOP BARS ON ℄ OF SPAN.
1J19	6x12+2½	1-#6	1-#7	2-#6x10'-0	CENTER TOP BARS ON ℄ OF SPAN.
1J20	16x12+2½	3-#6	3-#7	4-#7x10'-0	do 1J19 + H. 1 BENT BARS AT GRIDLINE 6.
1J21	11x12+2½	3-#6	—	1-#7x16'-3 1-#7x16'-3	H. #7 BAR AT ELEVATOR WALL (1'-3" BELOW) H. #5 BARS EA END. 1'-3" BEARING ON ELEVATOR WALL
1J22	6x12+2½	2-#6	—	1-#7x16'-3	H. TOP BAR AT 1B39.
1J23	17x12+2½	4-#6	—	2-#7x16'-3	H. TOP BARS AT ELEVATOR WALL (1'-3" BELOW)
1J24	12x12+2½	2-#6	2-#7	4-#6x8'-0	do 1J14. H. BENT AT WALL WEST OF GRID 7.
1J25	6x12+2½	1-#7	1-#7	2-#6x10'-0	do 1J2
1J26	6x12+2½	1-#6	1-#7	2-#6x8'-0	do 1J2
1J27	12x12+2½	2-#6	2-#6	4-#6x8'-0	do 1J2
1J28	6x12+2½	1-#6	1-#7	2-#6x10'-0	CENTER TOP BARS ON ℄ OF SPAN
1J29	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28
1J30	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28
1J31	6x12+2½	1-#6	1-#7	2-#6x10'-0	CENTER TOP BARS ON ℄ OF SPAN. H. BENT AT ELEVATOR OPNG.
1J32	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J31
1J33	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28 + H. BENT BARS AT GRID 6.
1J34	17x12+2½	3-#6	3-#7	5-#6x10'-0	do 1J28 + H. 1-#7 BENT AT GRID 6
1J35	19x12+2½	3-#7	3-#7	6-#6x10'-0	do 1J28 + H. 1-#7 BENT AT GRID 4.
1J36	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28 + H. 1 BENT BAR AT GRID 3 + 4
1J37	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28 + H. BENT AT GRID 3.
1J38	16x12+2½	3-#6	3-#7	4-#7x10'-0	do 1J28 + H. 2 BENT BARS AT GRID 3+4.
1J39	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28 + H. 1 BENT BAR AT GRID 3+4.
1J40	6x12+2½	1-#6	1-#7	2-#6x10'-0	do 1J28 + H. 1 BENT BAR AT GRID 3.
1J41	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J28 + H. 1 BENT AT GRID 6.
1J42	12x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J2
1J43	6x12+2½	1-#6	1-#7	2-#6x8'-0	do 1J28 + H. BENT AT GRID 4 + 1B24
1J44	6x12+2½	1-#6	1-#6	2-#6x8'-0	do 1J28 + H. BENT AT 1B22.
1J45	16x12+2½	3-#6	3-#6	4-#6x10'-0	do 1J28 + H. 1 BENT AT GRID 3.
1J46	6x12+2½	1-#5	1-#6	2-#5x8'-0	do 1J16
1J47	6x12+2½	1-#5	1-#6	2-#5x7'-0	H. BENT AT 1B22. CENTER TOP BARS ON ℄ OF SPAN.
1J48	12x12+2½	2-#5	2-#6	4-#5x8'-0	do 1J4
1J49	12x12+2½	3-#5	—	2-#5x20'-0	H. TOP BARS AT END OF 6" CANTILEVER SLAB SEE SECTION FOR ADDED REINFORCING
1J50	6x12+2½	2-#5	—	1-#5x20'-0	do 1J49
1J51	6x12+2½	1-#6	1-#7	1-#5x10'-0 1-#5x10'-0	CENTER TOP BARS TO 1/4 SPAN. H. BENT TO 1/4 SPAN. H. BENT AT END OF CANT. CENTER TOP BARS TO 1/4 SPAN. H. BENT TO 1/4 SPAN. H. BENT AT END OF CANT.
1J52	6x12+2½	1-#7	1-#7	1-#5x10'-0	CENTER TOP BARS TO 1/4 SPAN. H. BENT AT END OF CANTILEVER.
1J53	12x12+2½	2-#6	2-#7	4-#6x10'-0 2-#5x10'-0	do 1J52
1J54	7x14+3	1-#7	1-#8	H. BENT AT EXT. END. EXTEND BENT TO GRID	
1J55	8x14+3	1-#9	1-#9	2-#8x15'-0	H. BENT AT 1B23. EXTEND BENT TO GRID C&H.
1J56	8x14+3	1-#9	1-#9	2-#8x15'-0	do 1J55 + CENTER TOP BARS ON ℄ OF SPAN
1J57	15x14+3	3-#8	3-#9	6-#8x15'-0	do 1J56
1J58	18x14+3	3-#9	3-#9	6-#8x15'-0	do 1J56
1J59	15x14+3	2-#8	2-#9	4-#8x11'-0	CENTER TOP BARS ON SPAN. EXTEND BENT TO G.I. WALL. EXTEND BENT TO GRID C&H.
1J60	8x14+3	1-#8	1-#9	2-#8x11'-0	CENTER TOP BARS ON ℄ OF SPAN. H. BENT AT 1B31. EXTEND BENT TO GRID C&H.
1J61	14x14+3	2-#6	2-#8	3-#8x11'-0	do 1J57
1J62	8x14+3	1-#6	1-#7	2-#6x8'-0	do 1J2 EXTEND BENT TO — SEE SECTION FOR ADDED REINFORCING EXCEPT CANTILEVER SLAB
1J63	8x14+3	1-#8	1-#7	2-#7x12'-0	do 1J62 H. BENT AT WALL. SEE DETAIL 1/S33
1J63A	8x14+3	1-#8	—	2-#7x12'-0	do 1J62 SEE 1J63
1J64	7x14+3	2-#5	—	1-#7x20'-0	H. TOP BARS AT GRID LINE C.
1J65	8x14+3	2-#7	—	1-#7x20'-0	H. TOP BARS AT GRID LINE C.
1J66	15x14+3	4-#7	—	2-#8x15'-0	do 1J65
1J67	18x14+3	5-#7	—	3-#8x20'-0	do 1J65
1J68	8x14+3	2-#6	—	1-#7x16'-0	do 1J65
1J69	18x14+3	4-#5	—	2-#7x16'-0	do 1J65
1J70	6x14+3	2-#5	—	2-#4x11'-0	H. TOP BARS EACH END.
1J71	8x14+3	2-#6	—	1-#8x18'-0	do 1J65
1J72	6x12+2½	1-#6	1-#6	2-#6x8'-0	do 1J16 + H. BENT AT 1B43
1J73	16x12+2½	3-#6	3-#7	6-#6x10'-0	do 1J16 + H. 2 BENT BARS AT GRID 7.
1J74	6x12+2½	2-#5	—	1-#6x12'-6	H. TOP BAR AT OPNG.
1J75	16x12+2½	3-#7	3-#7	5-#7x10'-0	do 1J16 + H. 2 BENT AT GRID 6.
1J76	6x12+2½	2-#6	—	1-#7x18'-6	H. TOP BAR AT OPNG.
1J77	16x12+2½	3-#6	3-#7	5-#6x10'-0	do 1J16 + H. 3 BENT AT GRID 3.
1J78	6x12+2½	1-#7	1-#7	2-#6x10'-0	do 1J2 (H. BENT AT OPNG.)
1J79	26x12+2½	4-#7	5-#7	8-#7x10'-0	do 1J16 H. 3 BENT AT GRID 5 + H. 1 BENT AT GRID 4.
1J80	11x12+2½	2-#6	2-#7	4-#6x10'-0	do 1J16.
MJ1	6x12+2½	2-#5	—	1-#7x17'-9	1'-0" SCREWS ON WALL. H. TOP AT WALL
MJ2	12x12+2½	3-#6	—	2-#7x17'-9	do MJ2
MJ3	6x12+2½	1-#7	1-#7	2-#6x10'-0	H. BENT EA. END. 1'-0" SCREWS ON WALL. CENTER TOP BARS ON ℄ OF SPAN
MJ4	6x12+2½	1-#6	1-#7	2-#6x8'-0	do MJ3
MJ5	6x12+2½	1-#6	1-#6	2-#6x8'-0	1'-0" SCREWS ON WALL. H. BENT AT WALL.
MJ6	12x12+2½	2-#6	2-#6	3-#6x8'-0	CENTER TOP BARS ON ℄ OF SPAN
MJ7	6x12+2½	1-#6	1-#6	2-#6x8'-0	do MJ6
MJ8	6x12+2½	1-#6	1-#6	2-#6x8'-0	do MJ6
MJ9	6x12+2½	1-#6	1-#7	2-#6x10'-0	do MJ6
MJ10	12x12+2½	3-#5	—	2-#7x13'-9	H. TOP BARS AT MJ6
MJ11	6x12+2½	2-#5	—	1-#7x13'-9	do MJ10

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APPROVED BY _____ DRAWN J.W.S.
APPROVED BY _____ CHECKED J.W.S.

FIRST FLOOR FRAMING PLAN

SHEET NO. S5 OF 13
PROJECT NO. E-2