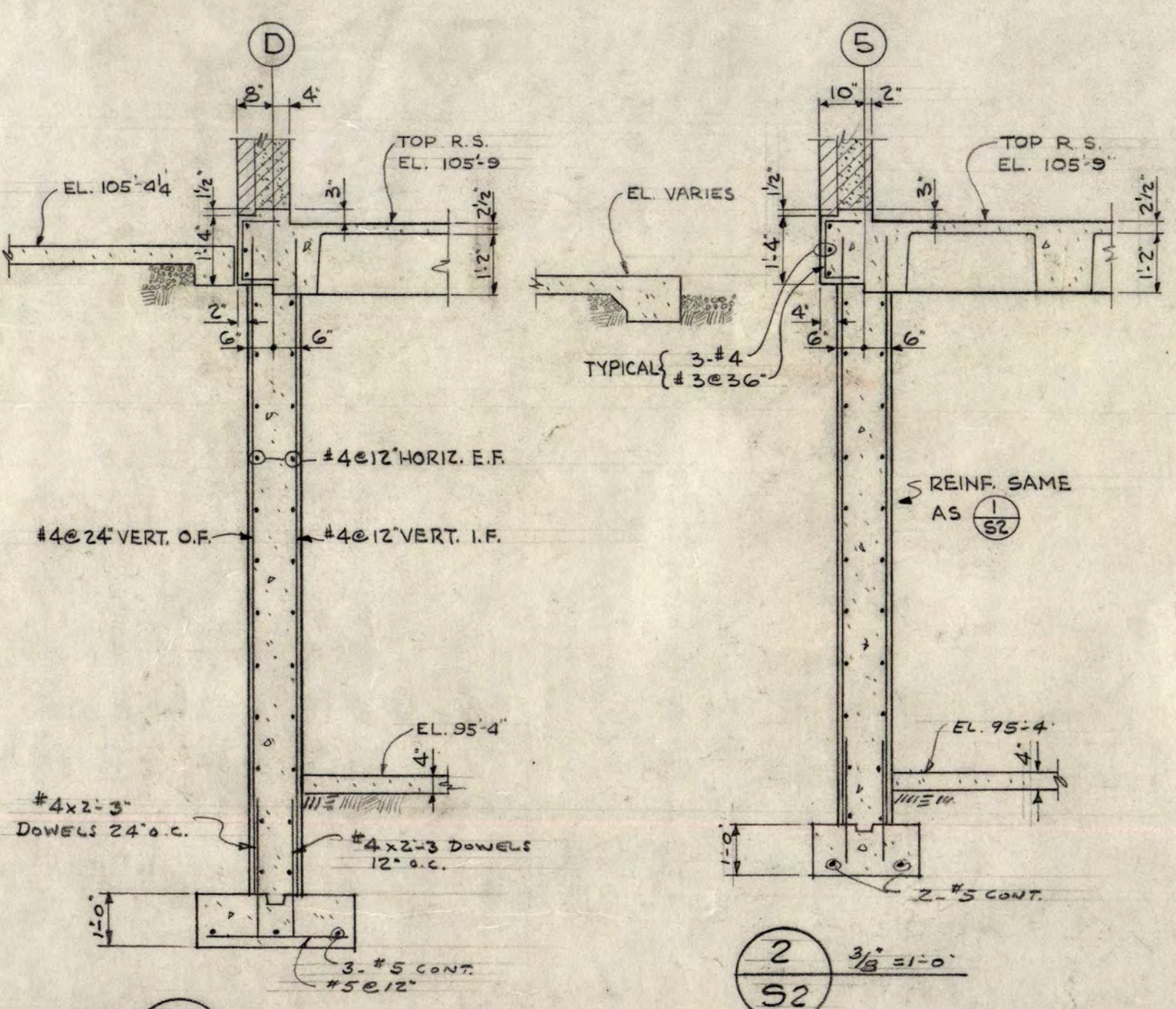
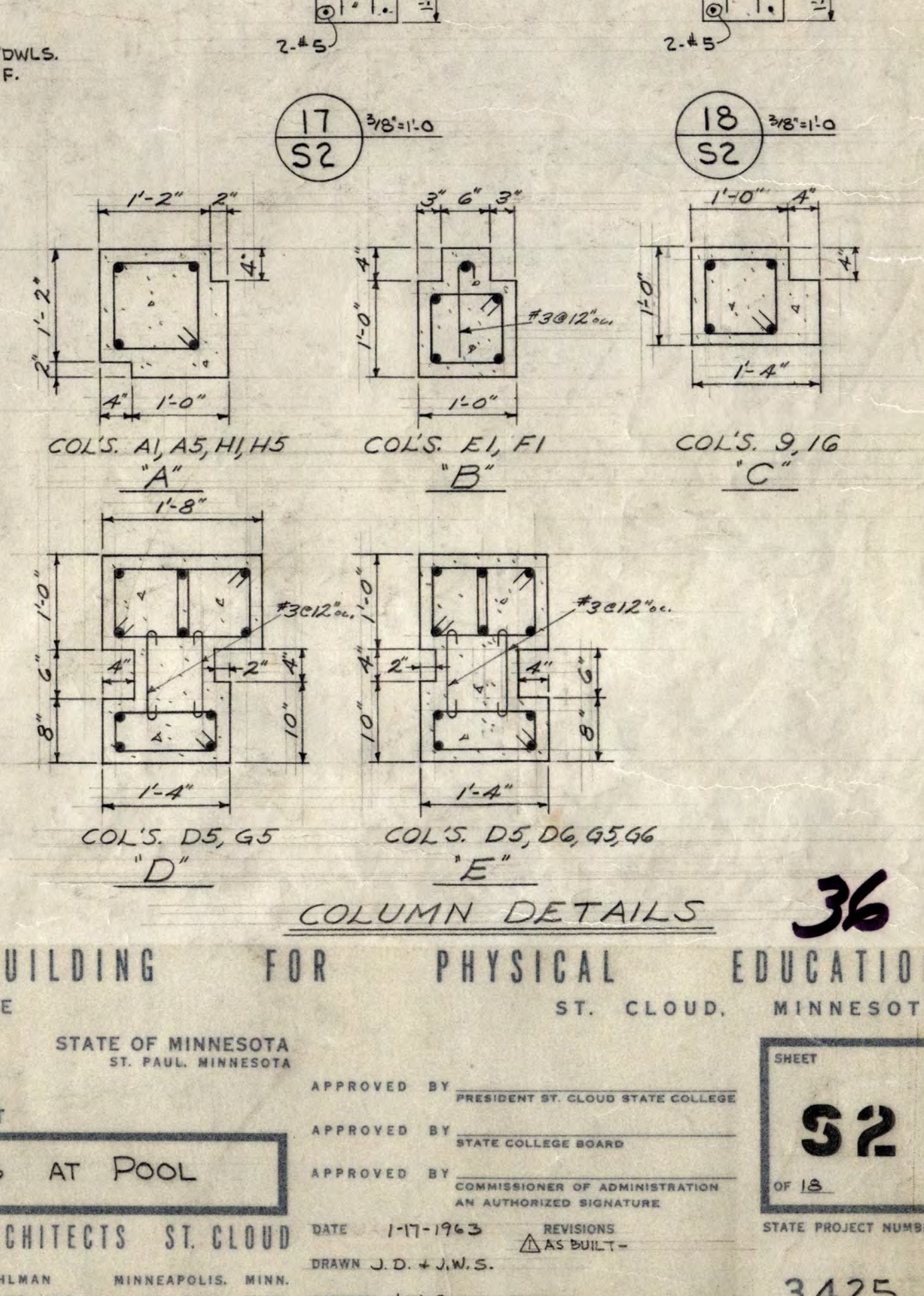
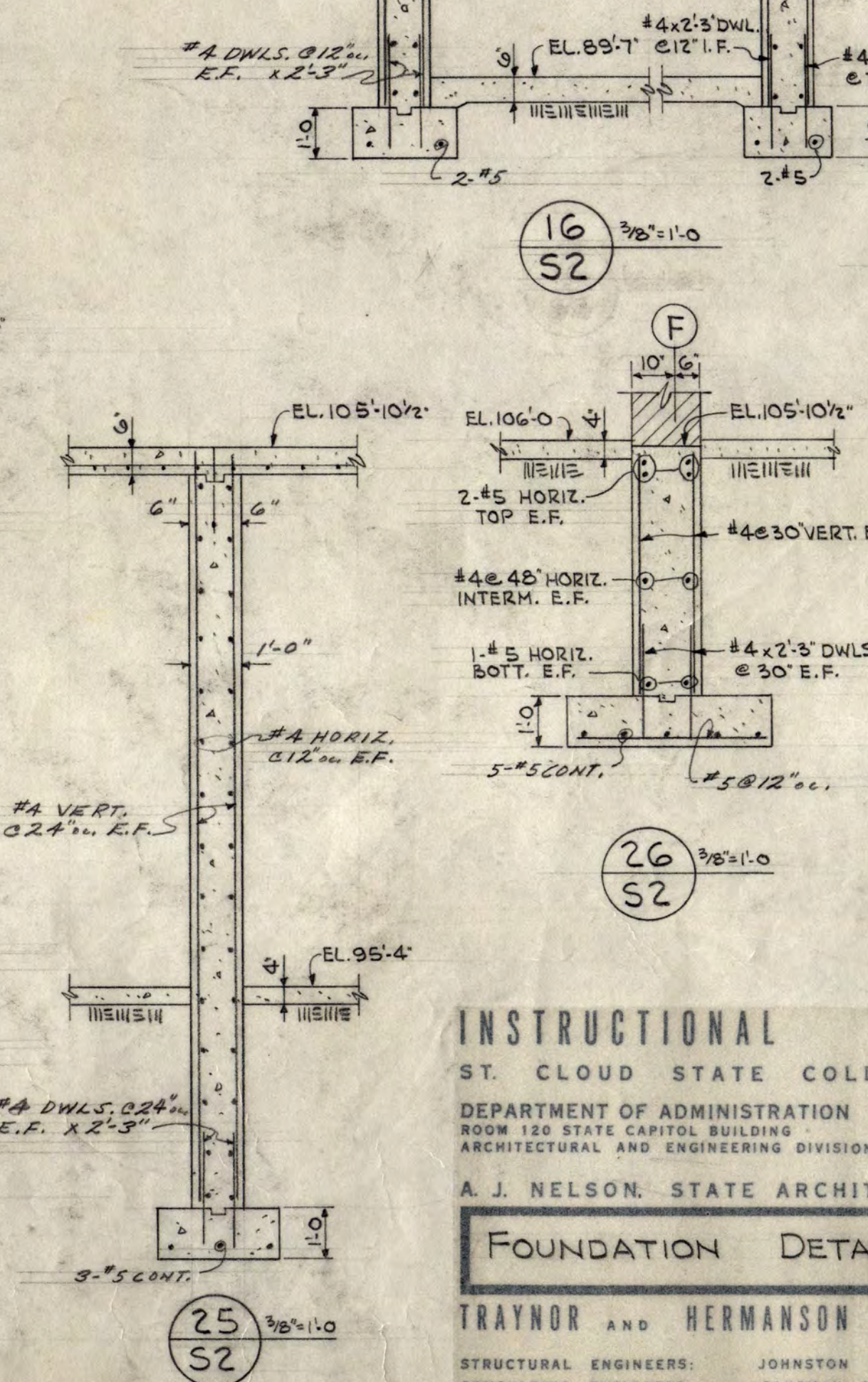
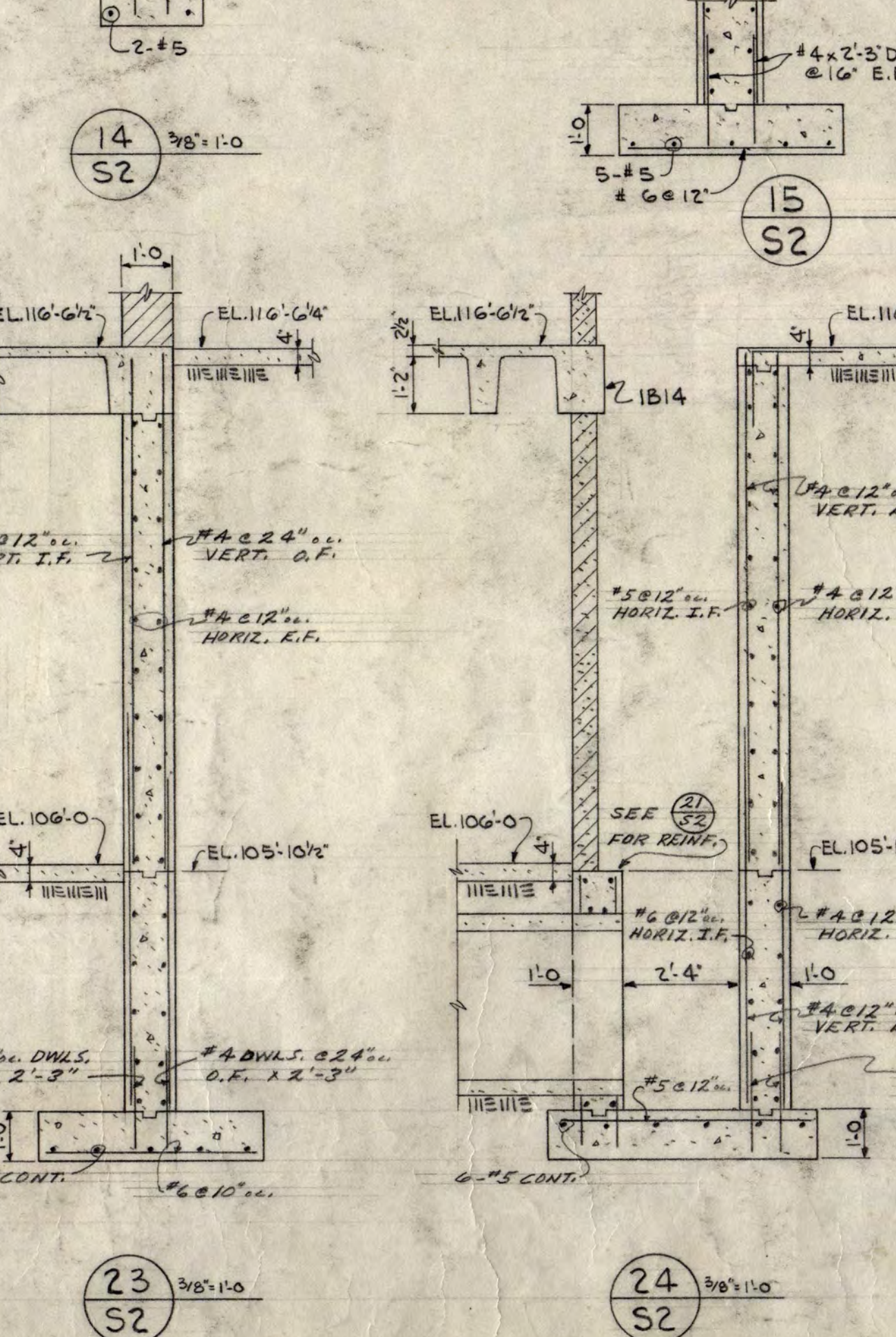
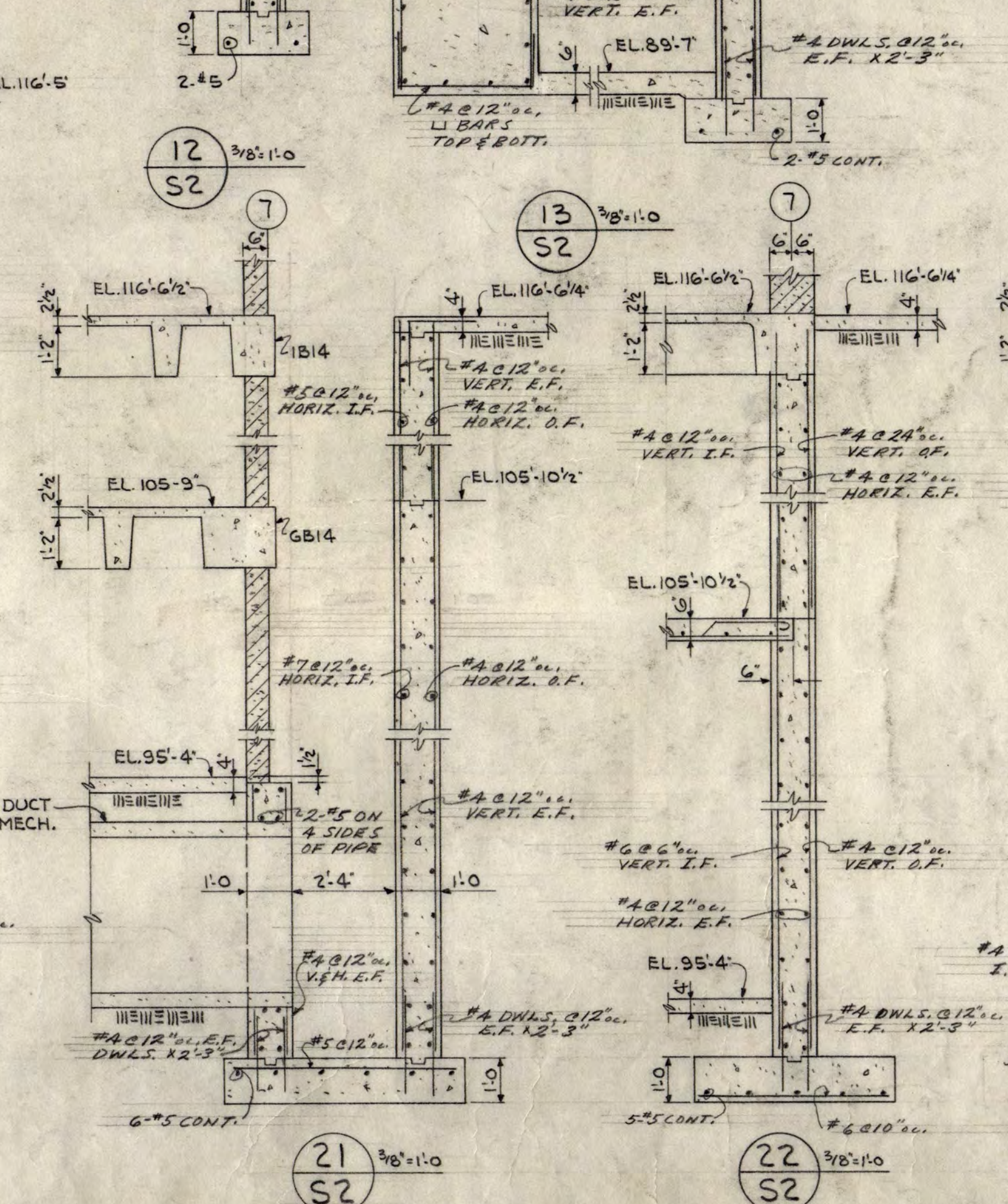
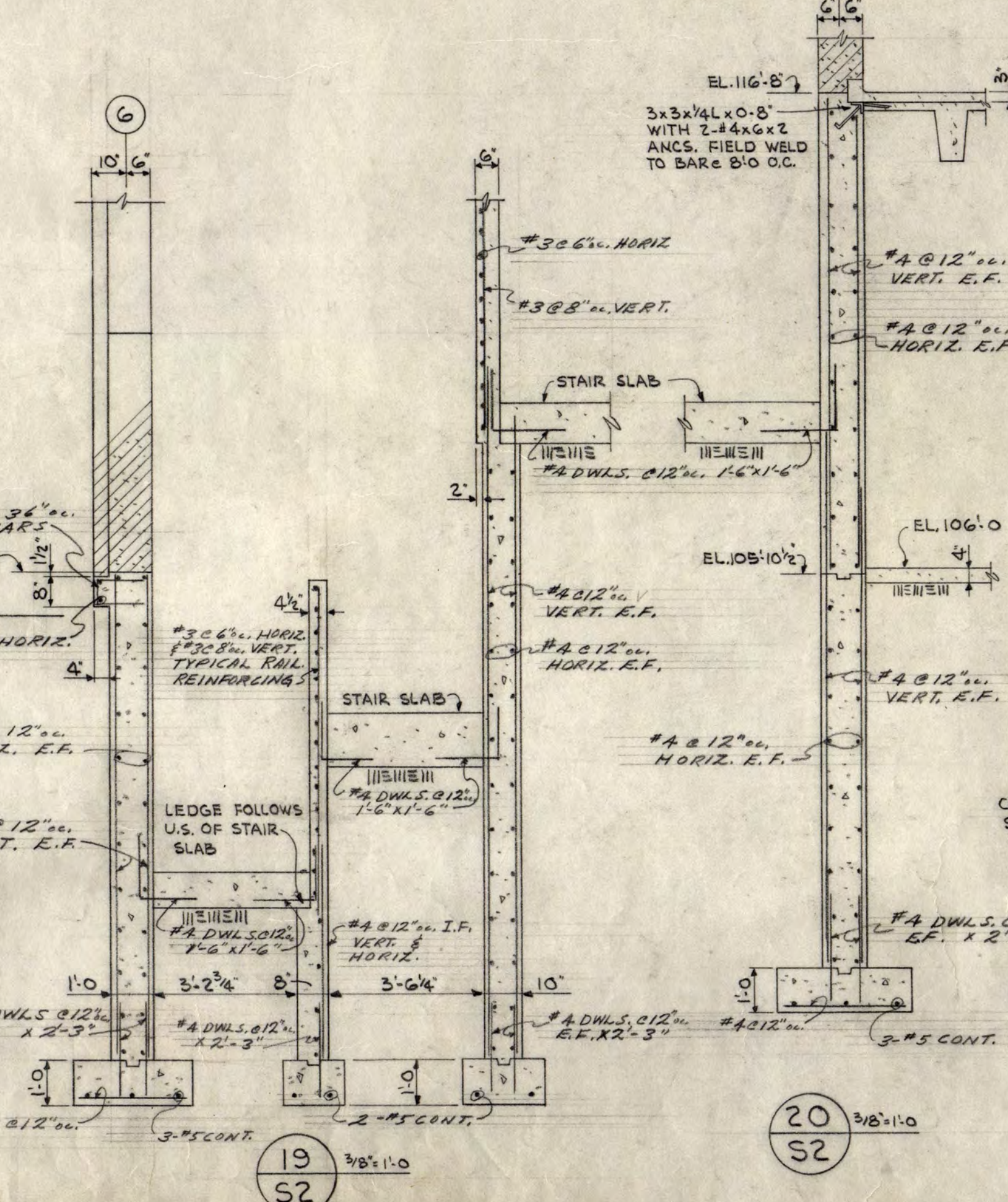
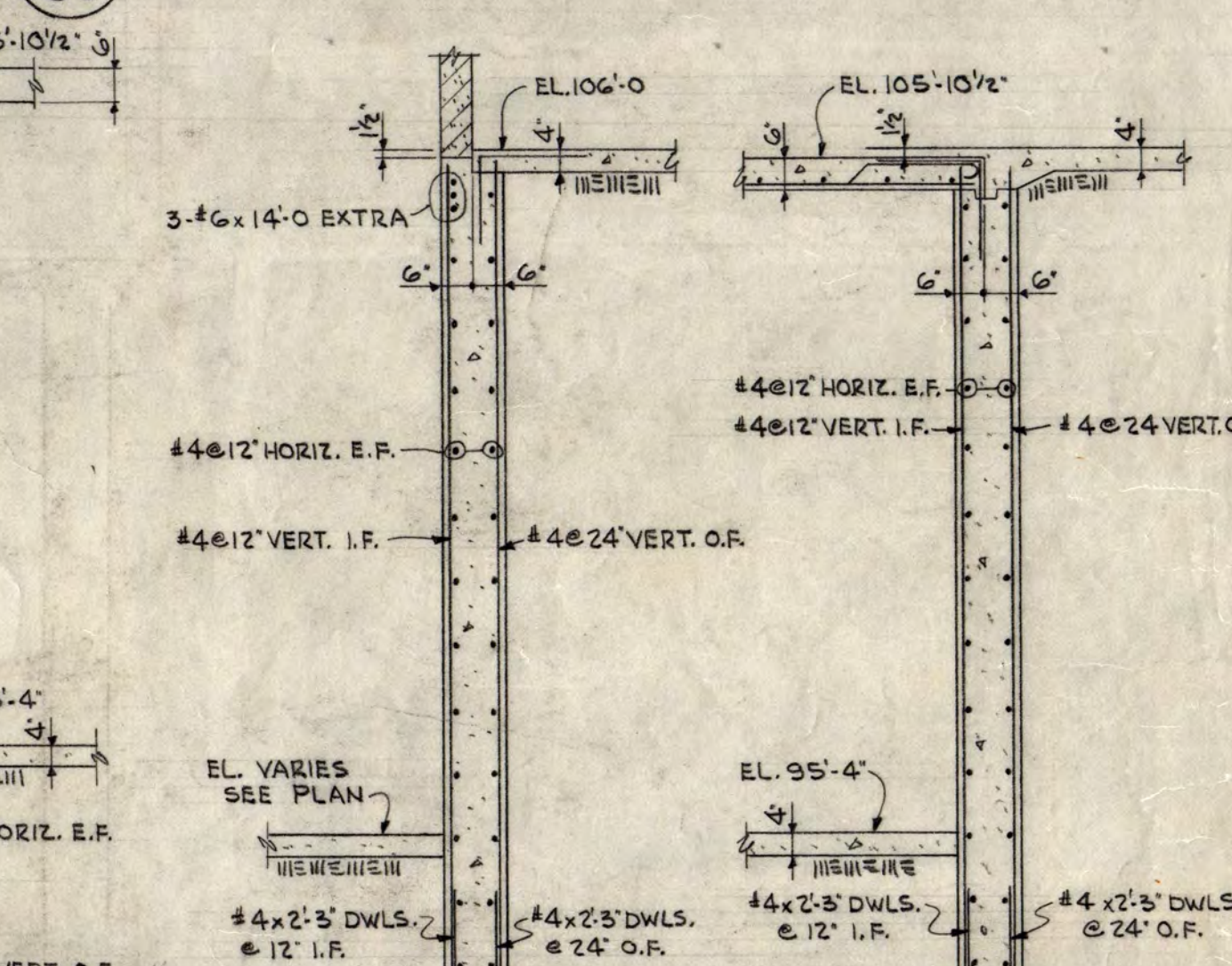
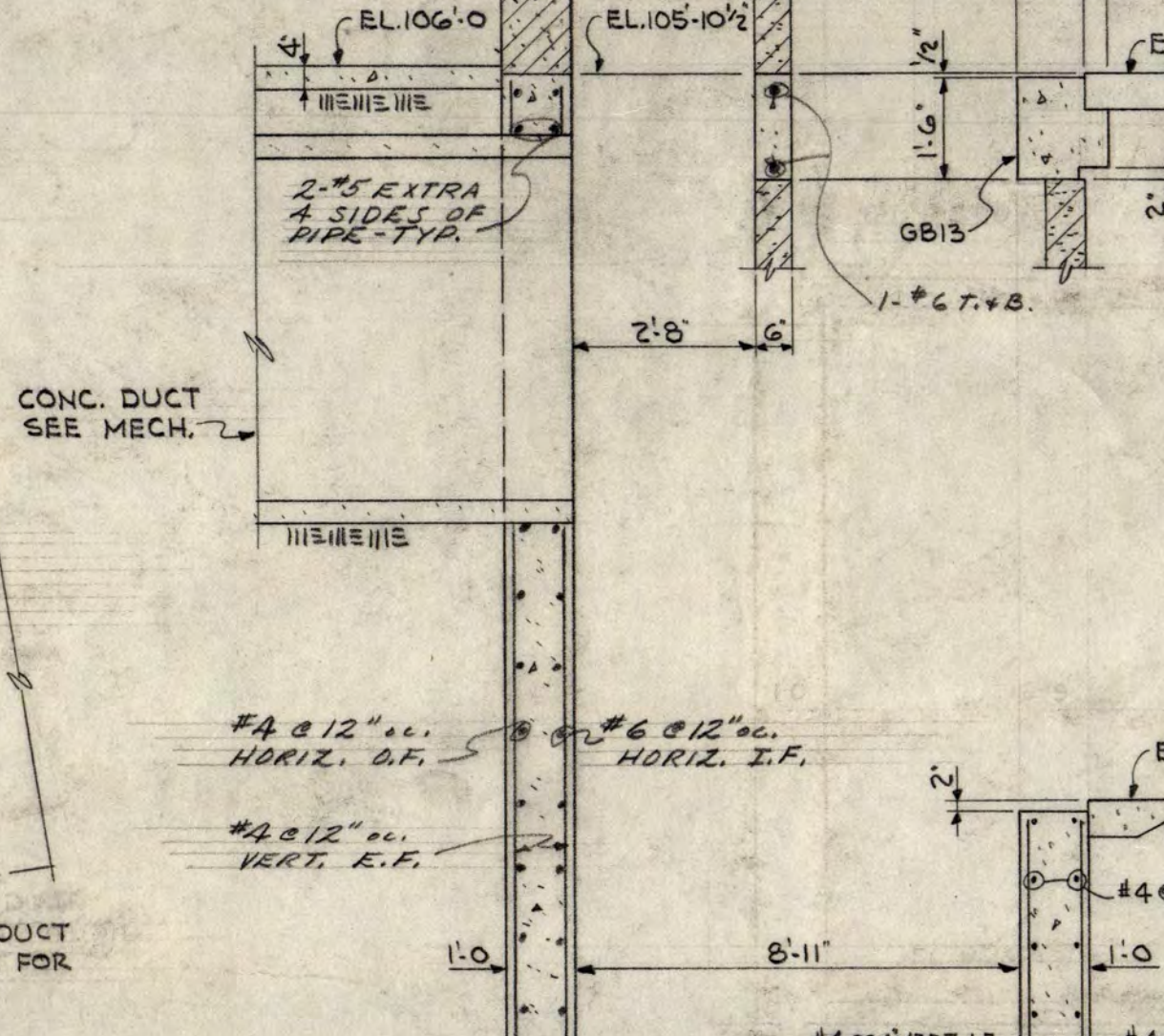
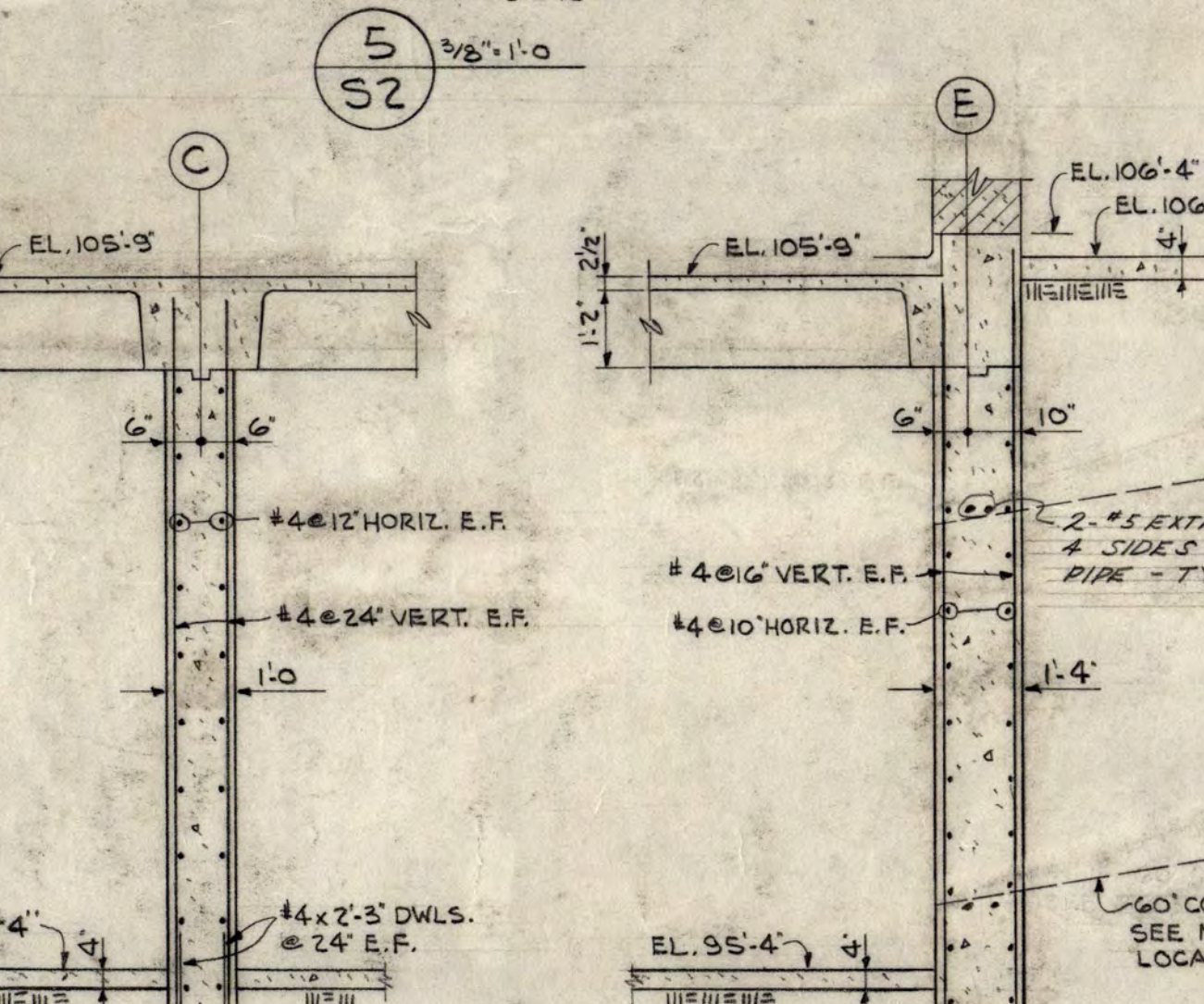
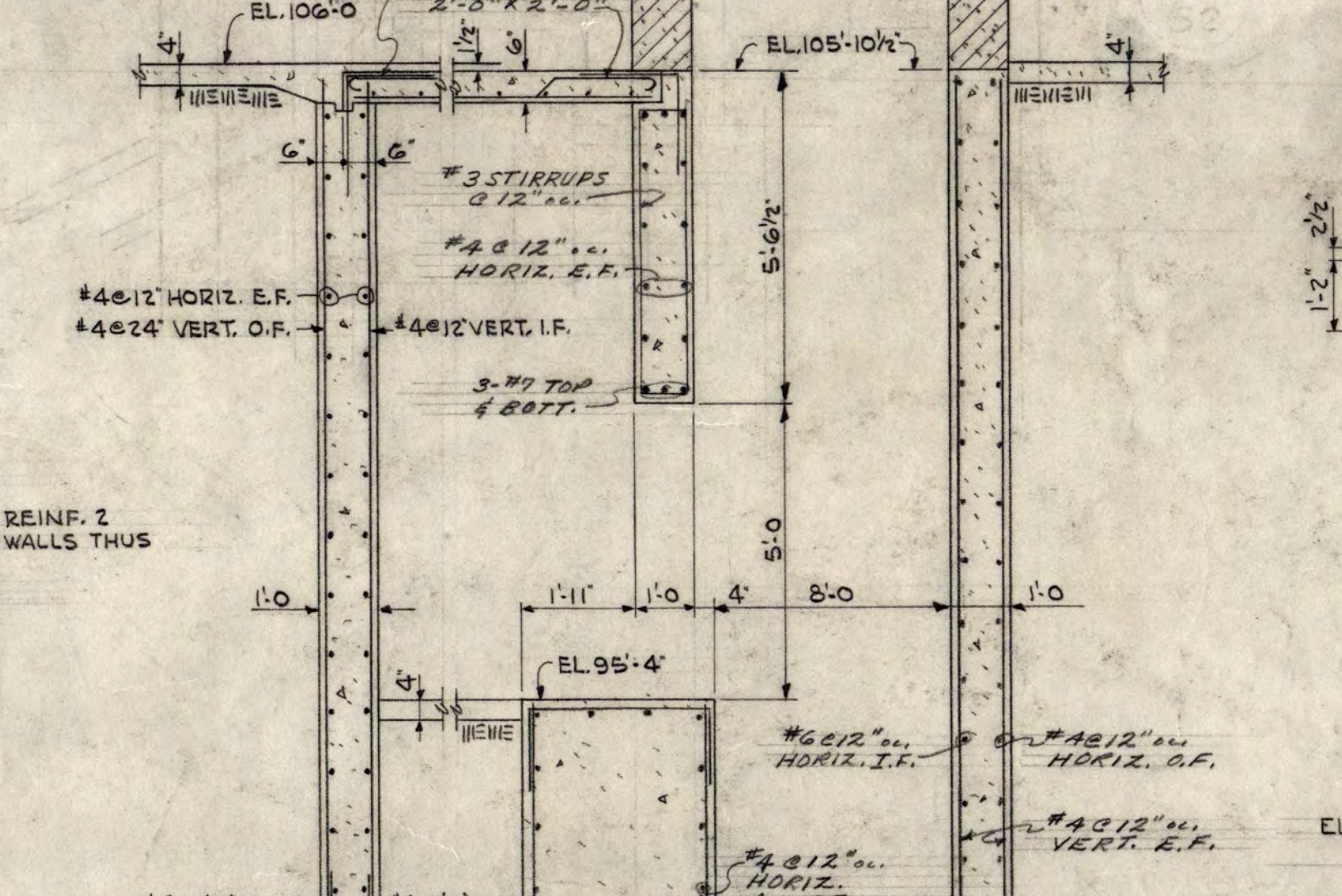
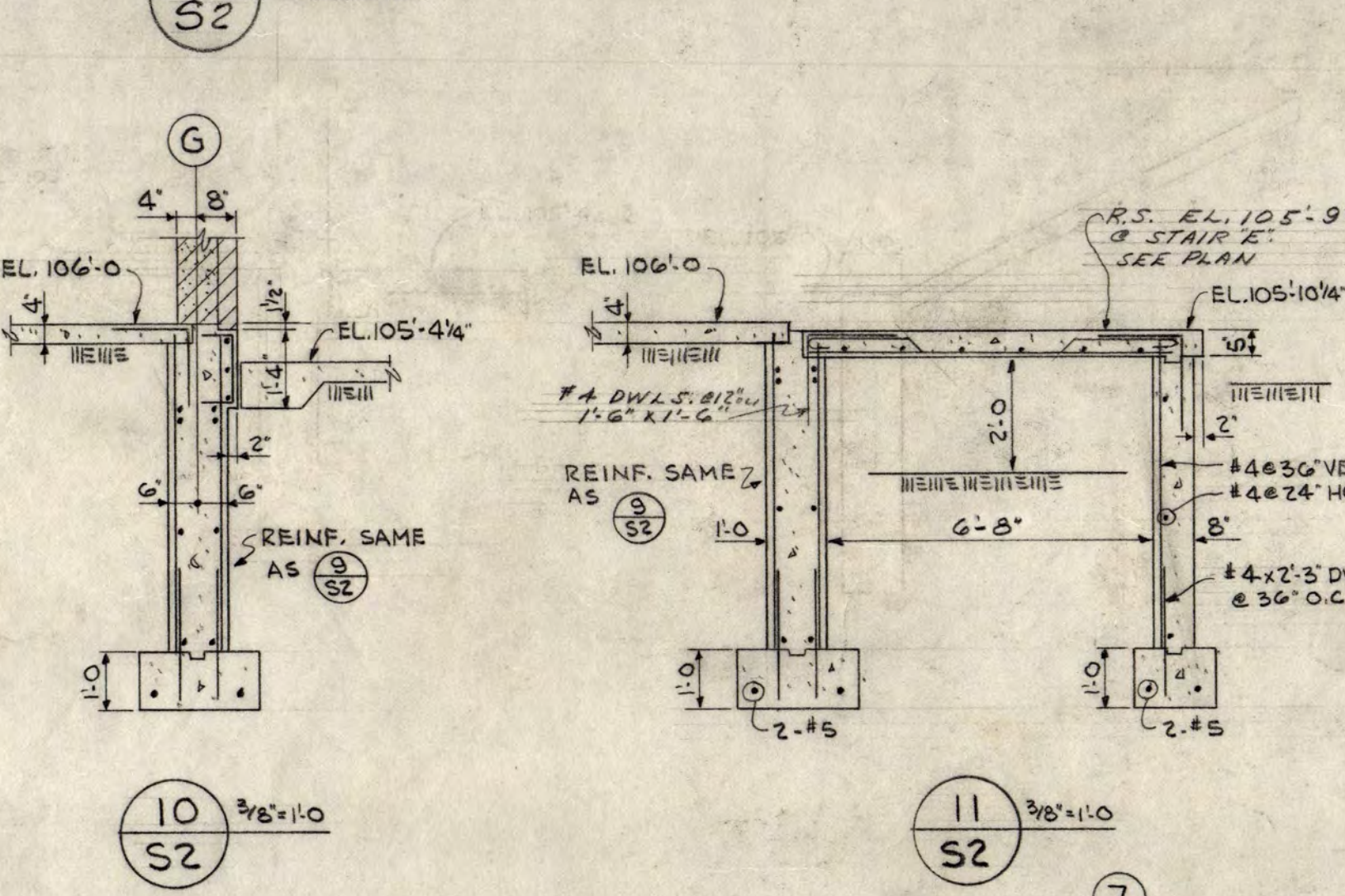
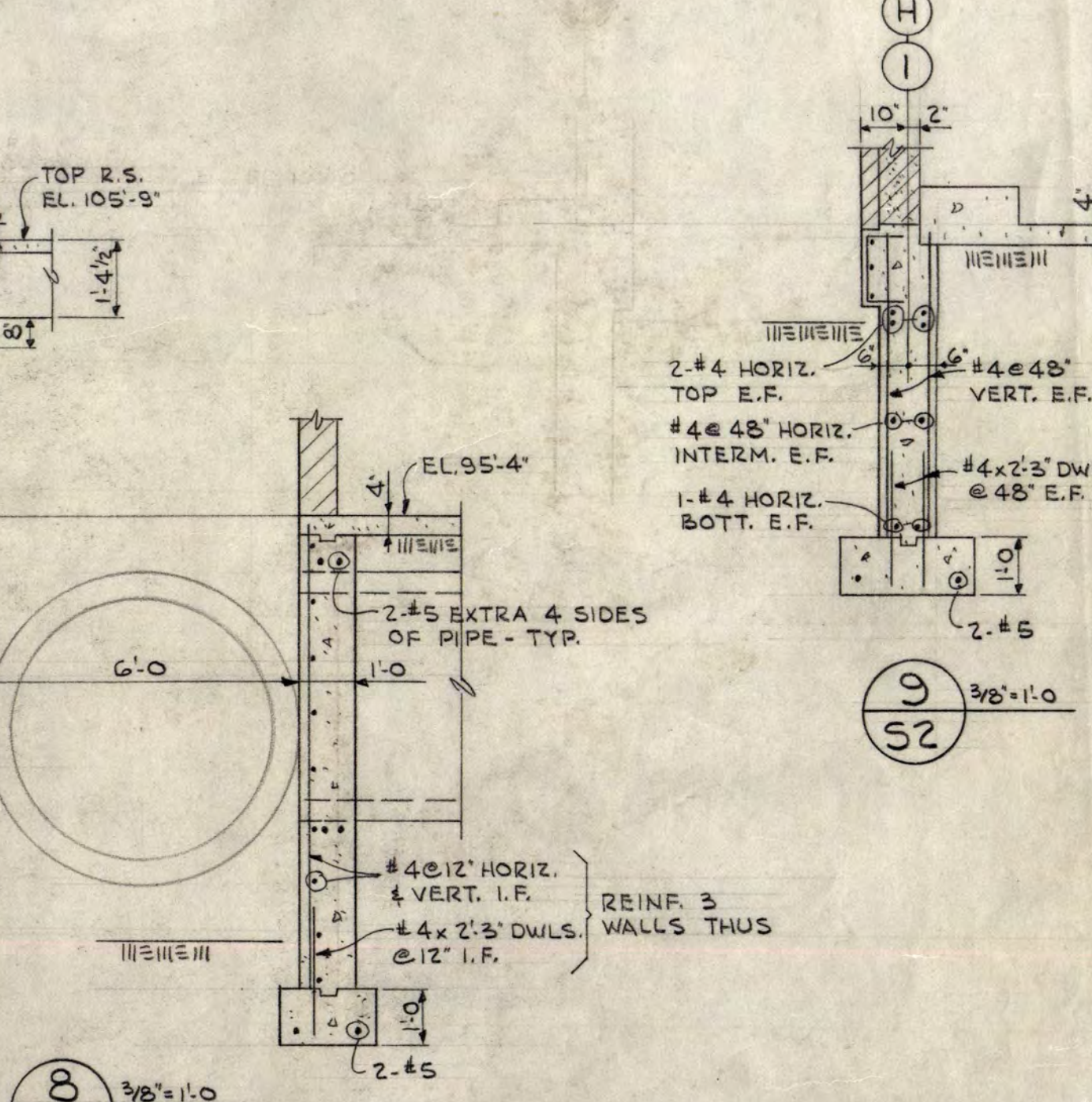
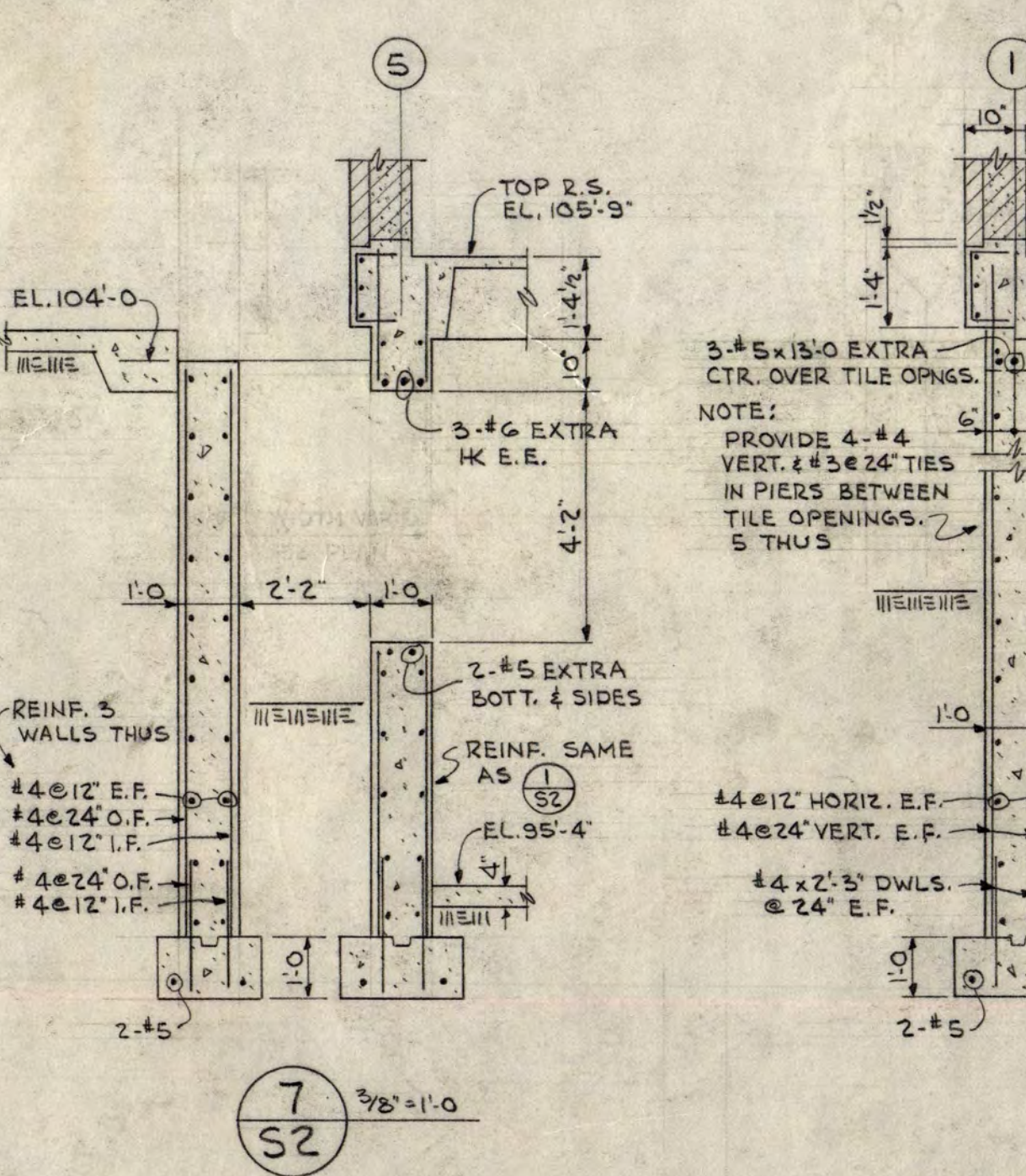
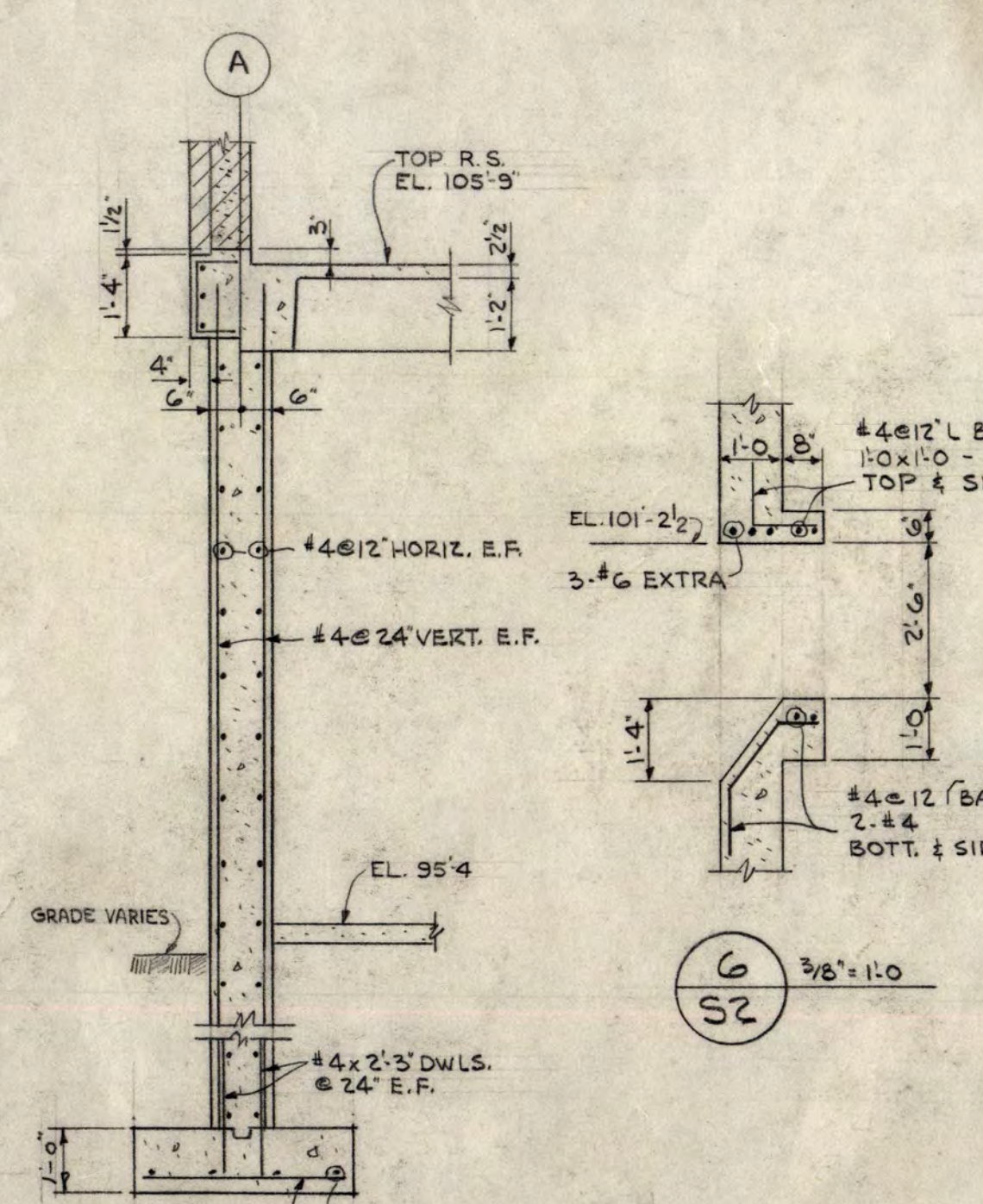


CONCRETE COLUMN AND FOOTING SCHEDULE AT POOL

COL. NO.	A1, AS H1, HS	B1, D1	B2, B3, B4	C1, C3, C4	D2	D3, D4	D5	D6	D7, D7	E1, F1	E2	E7, F7	F6	G1	G2, G3, G4	G5	96	1	2, 3, 6, 7	4, 5	8	9	10, 11, 14, 15	12, 13	16	17, 24	18THRU23	25+26	B5	G1	C5	115	116THRU 124		
MIN. REIN. SIZE	SEE DETAIL	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"	127-2 1/2"
REIN. TIES	SEE DETAIL	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	4-#5	
MIN. REIN. SIZE	SEE DETAIL	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12
REIN. TIES	SEE DETAIL	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS
MIN. REIN. SIZE	SEE DETAIL	16x12	16x14	16x14	16x14	16x14	16x14	16x14	16x14	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12
REIN. TIES	SEE DETAIL	3#12 25FTS	3#14 25FTS	3#14 25FTS	3#14 25FTS	3#14 25FTS	3#14 25FTS	3#14 25FTS	3#14 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS
MIN. REIN. SIZE	SEE DETAIL	16x12	16x18	16x18	16x18	16x18	16x18	16x18	16x18	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12	16x12
REIN. TIES	SEE DETAIL	3#12 25FTS	3#16 25FTS	3#16 25FTS	3#16 25FTS	3#16 25FTS	3#16 25FTS	3#16 25FTS	3#16 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS	3#12 25FTS
MIN. REIN. SIZE	SEE DETAIL	4-#5	6-#7	6-#8	6-#8	6-#8	6-#8	6-#8	6-#8	5-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	6-#5	
REIN. TIES	SEE DETAIL	3-#5	3-#7	3-#8	3-#8	3-#8	3-#8	3-#8	3-#8	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	3-#5	



NOTE: SECTION 3 & 4 HAVE BEEN OMITTED.



INSTRUCTIONAL BUILDING FOR PHYSICAL EDUCATION
 ST. CLOUD STATE COLLEGE
 DEPARTMENT OF ADMINISTRATION
 ROOM 120 STATE CAPITOL BUILDING
 ARCHITECTURAL AND ENGINEERING DIVISION
 ST. PAUL, MINNESOTA

STATE OF MINNESOTA
 ST. PAUL, MINNESOTA

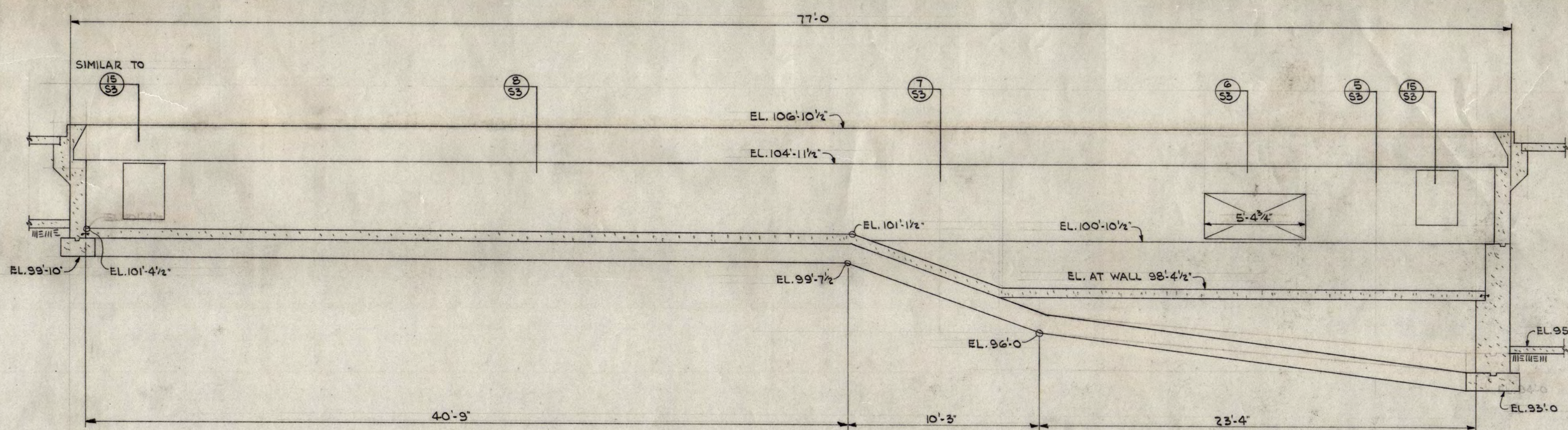
A. J. NELSON, STATE ARCHITECT

FOUNDATION DETAILS AT POOL

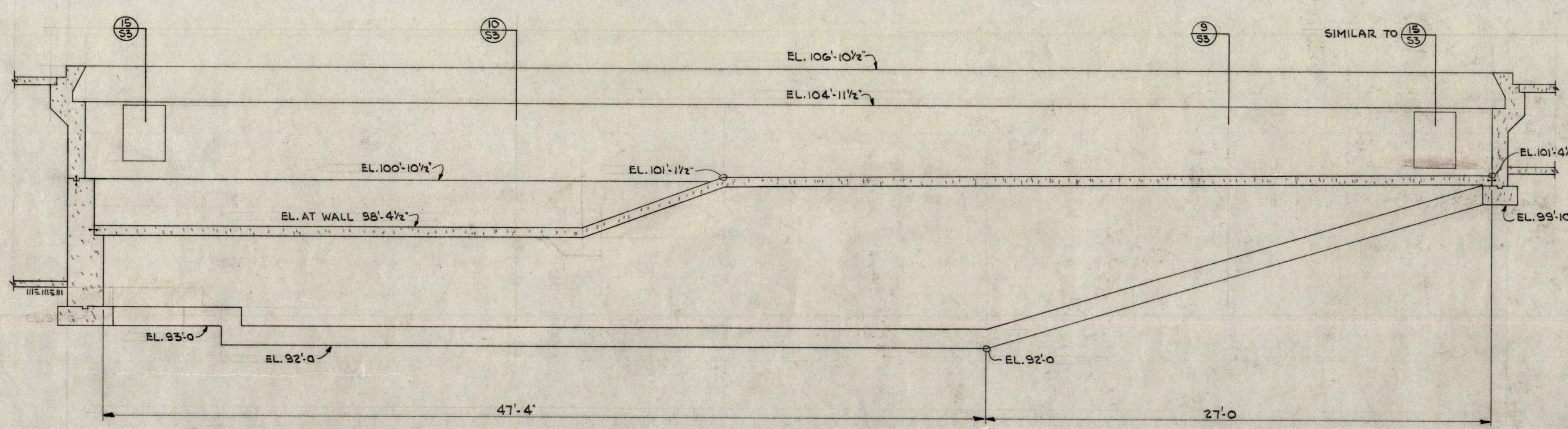
APPROVED BY PRESIDENT OF ST. CLOUD STATE COLLEGE
 APPROVED BY STATE COLLEGE BOARD
 APPROVED BY COMMISSIONER OF ADMINISTRATION
 AN AUTHORIZED SIGNATURE

DATE 1-17-1943 REVISIONS
 DRAWN J.D. & J.M.S. AS BUILT-
 CHECKED J.W.S.

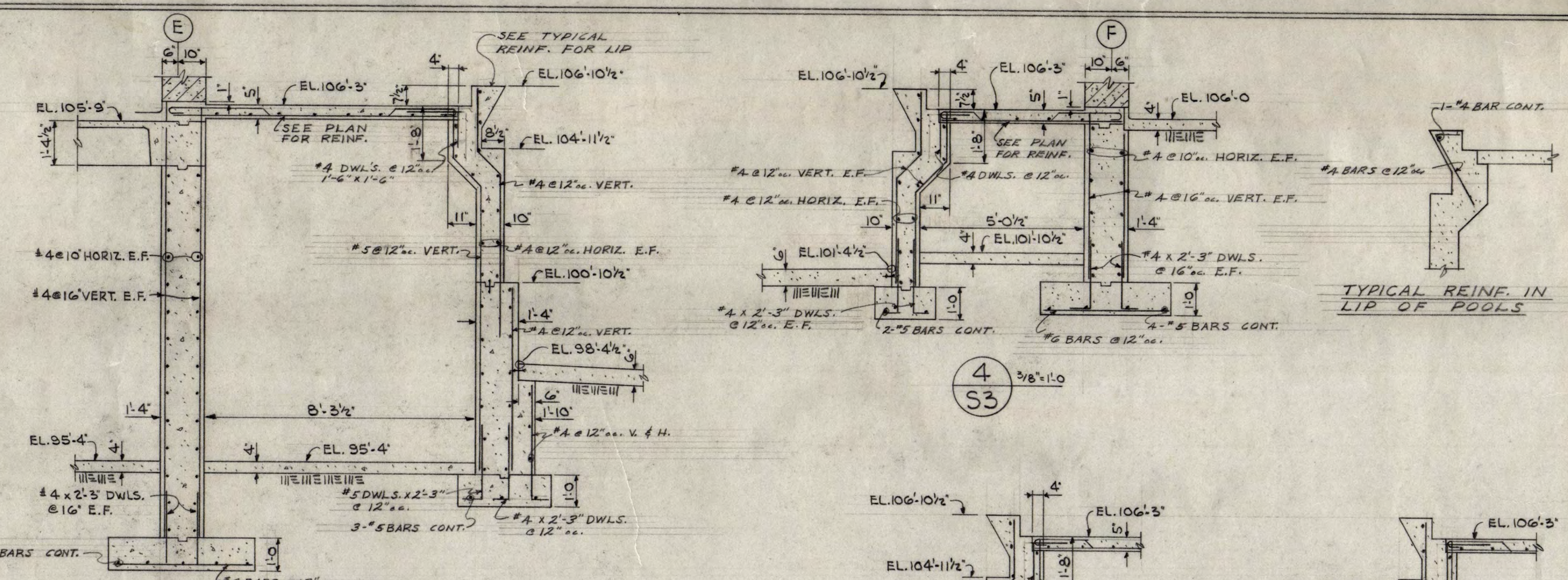
36
S2
 SHEET
 OF 18
 STATE PROJECT NUMBER
 3425



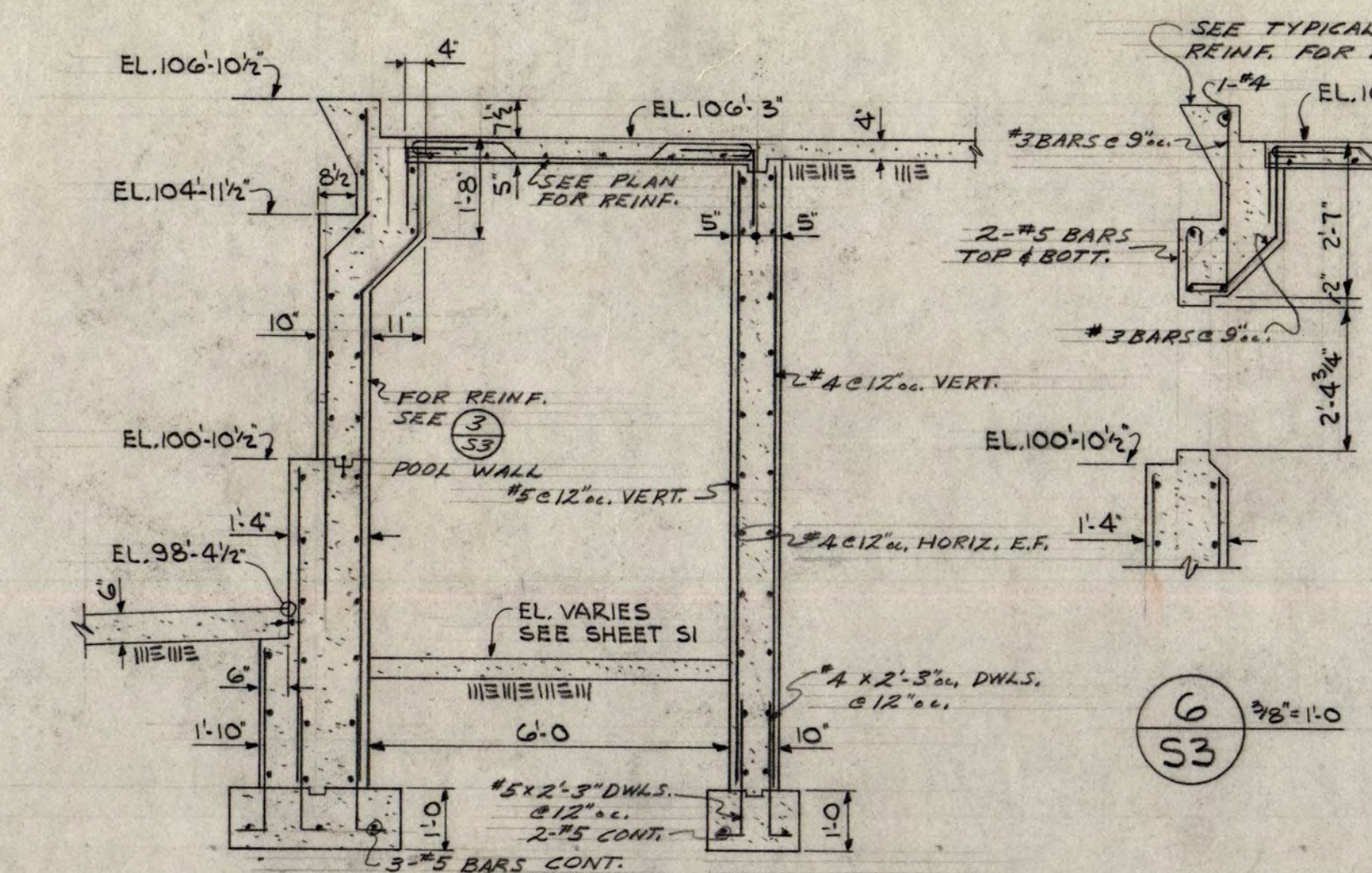
1 NO. ELEVATION OF SWIMMING POOL
1/4" = 1'-0"



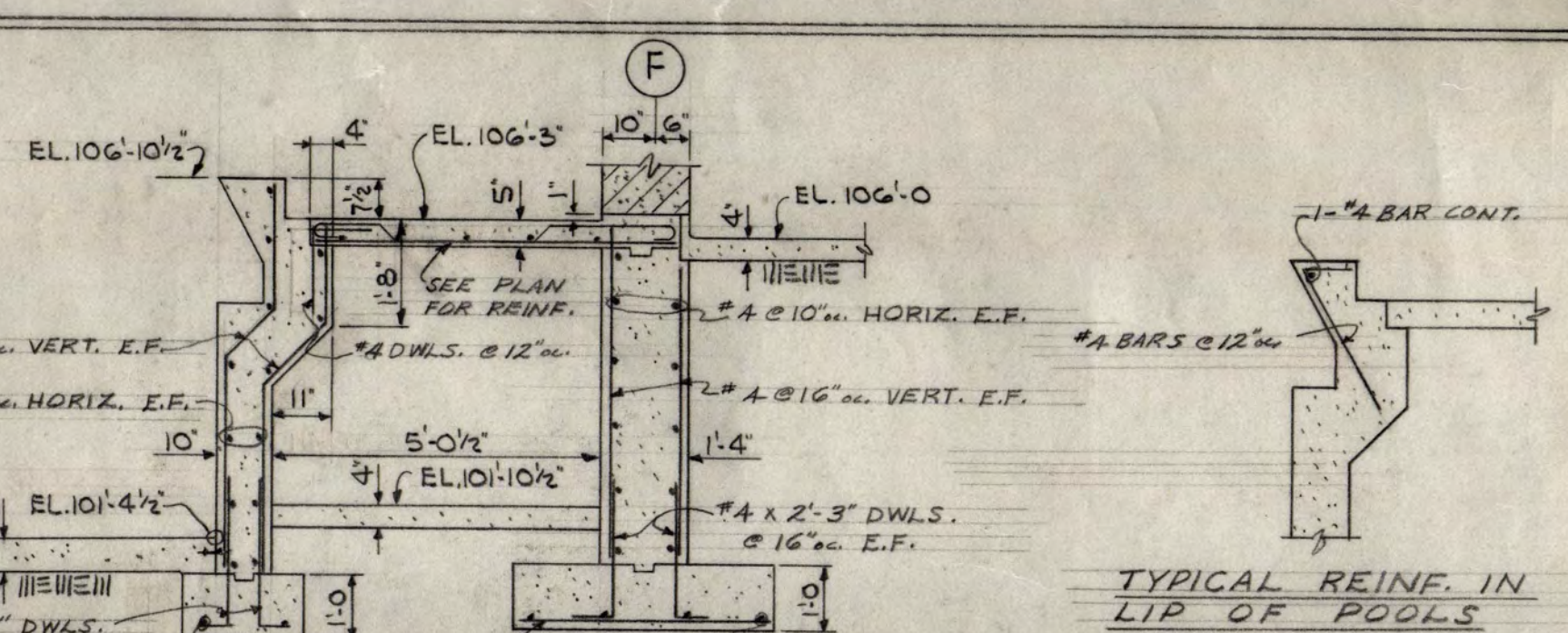
2 SO. ELEVATION OF SWIMMING POOL
1/4" = 1'-0"



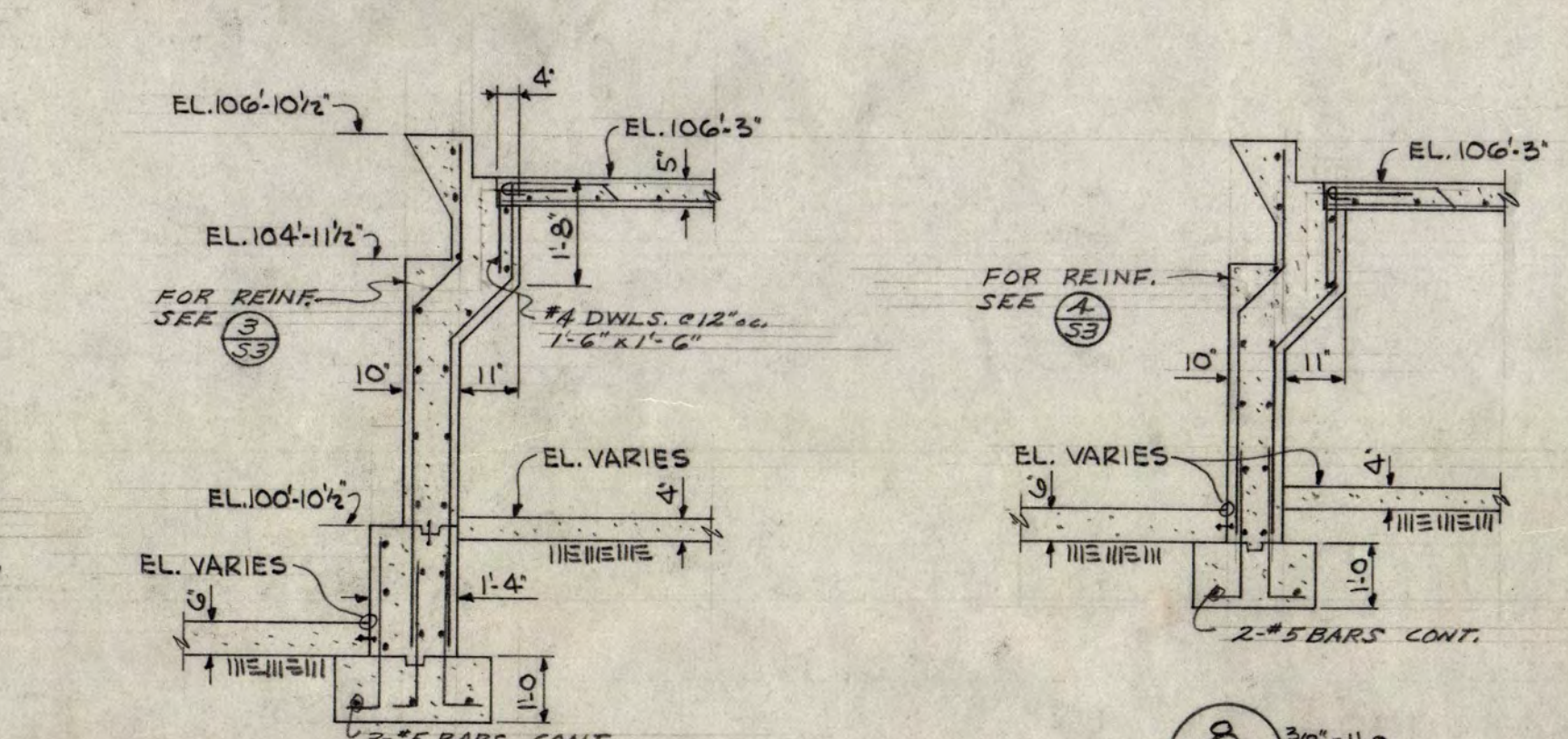
3 3/8" = 1'-0"



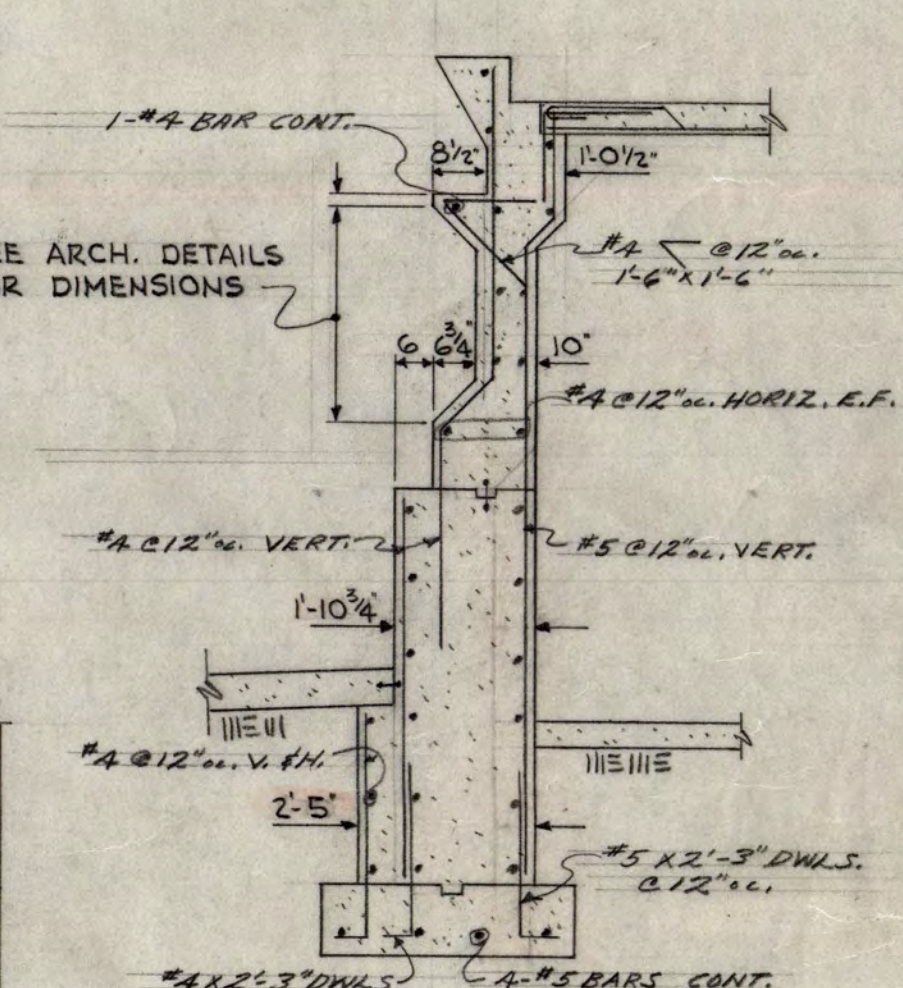
4 3/8" = 1'-0"



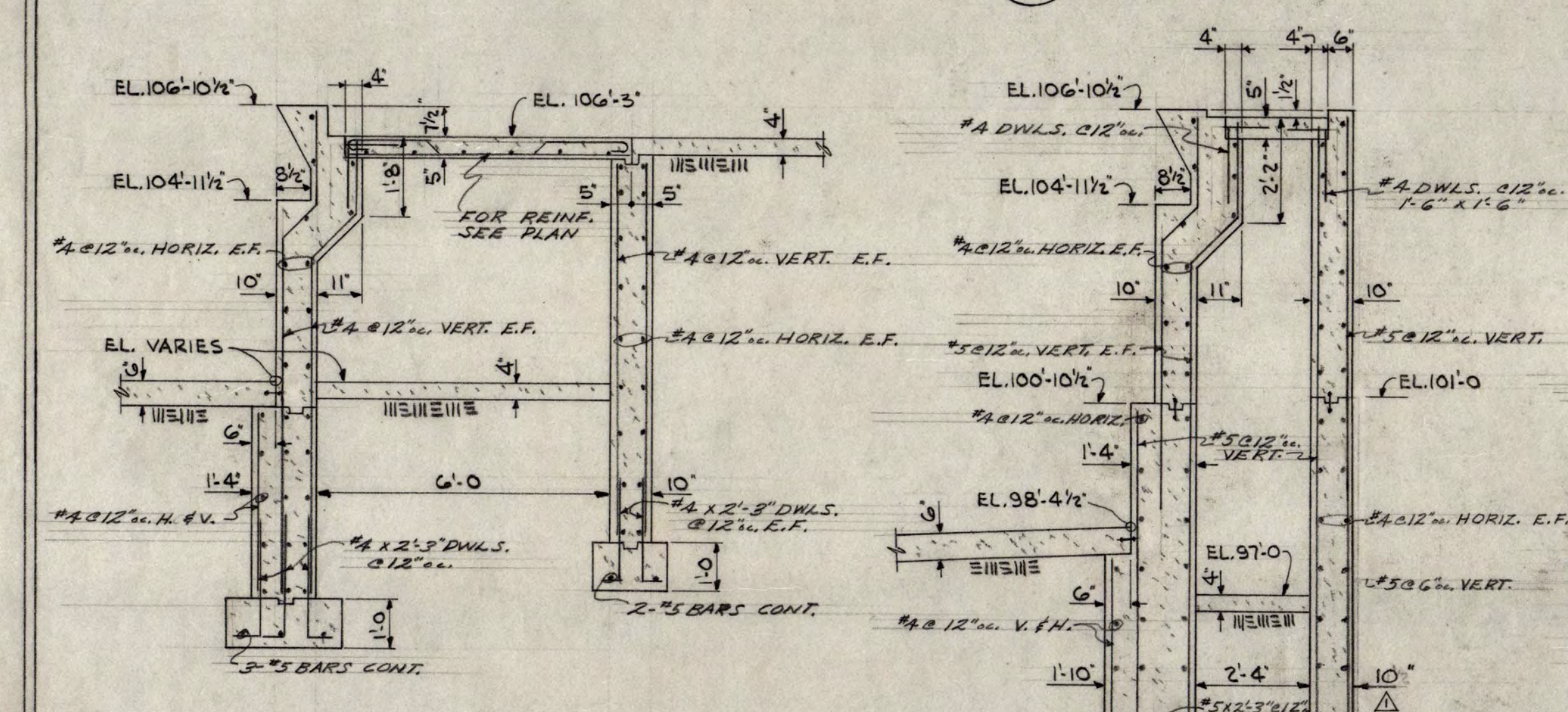
5 3/8" = 1'-0"



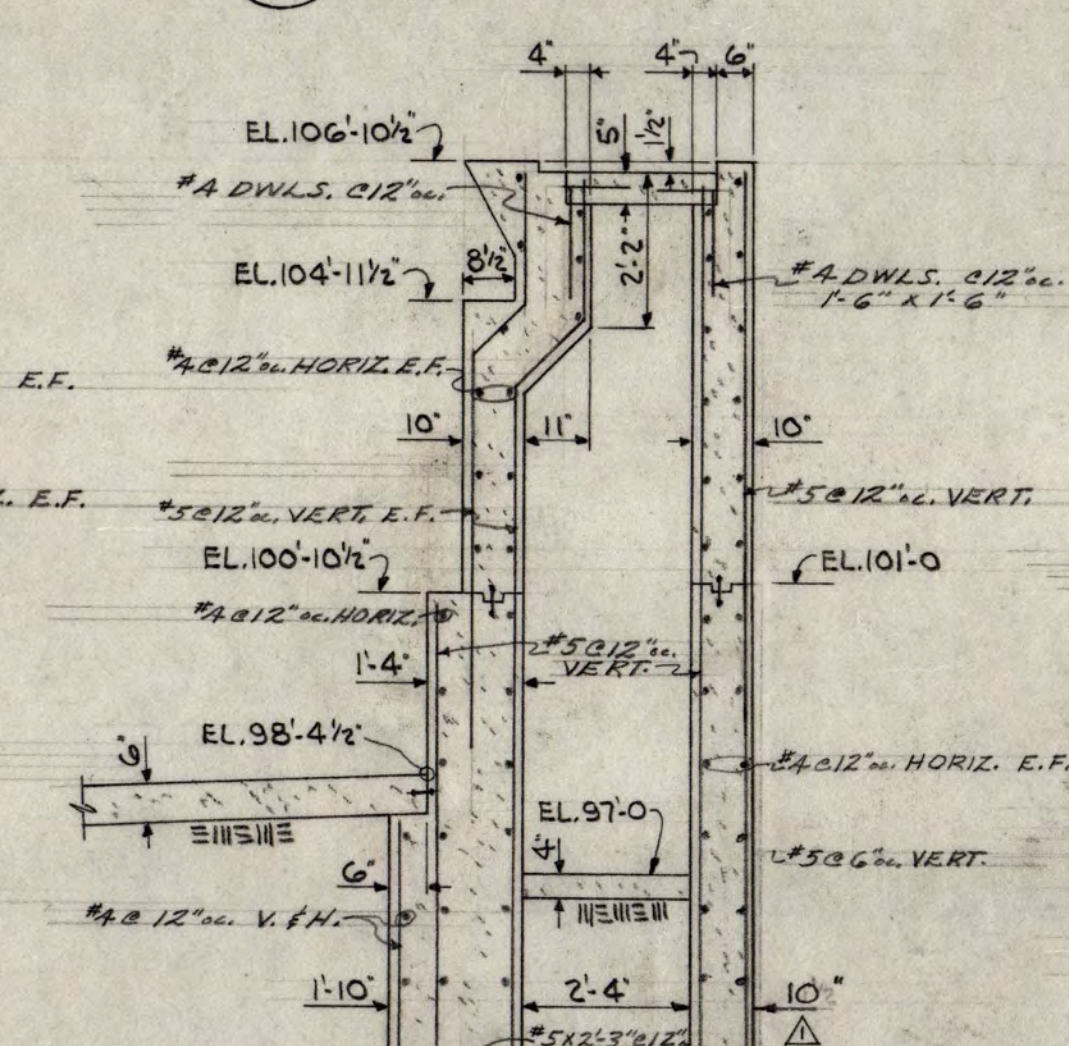
6 3/8" = 1'-0"



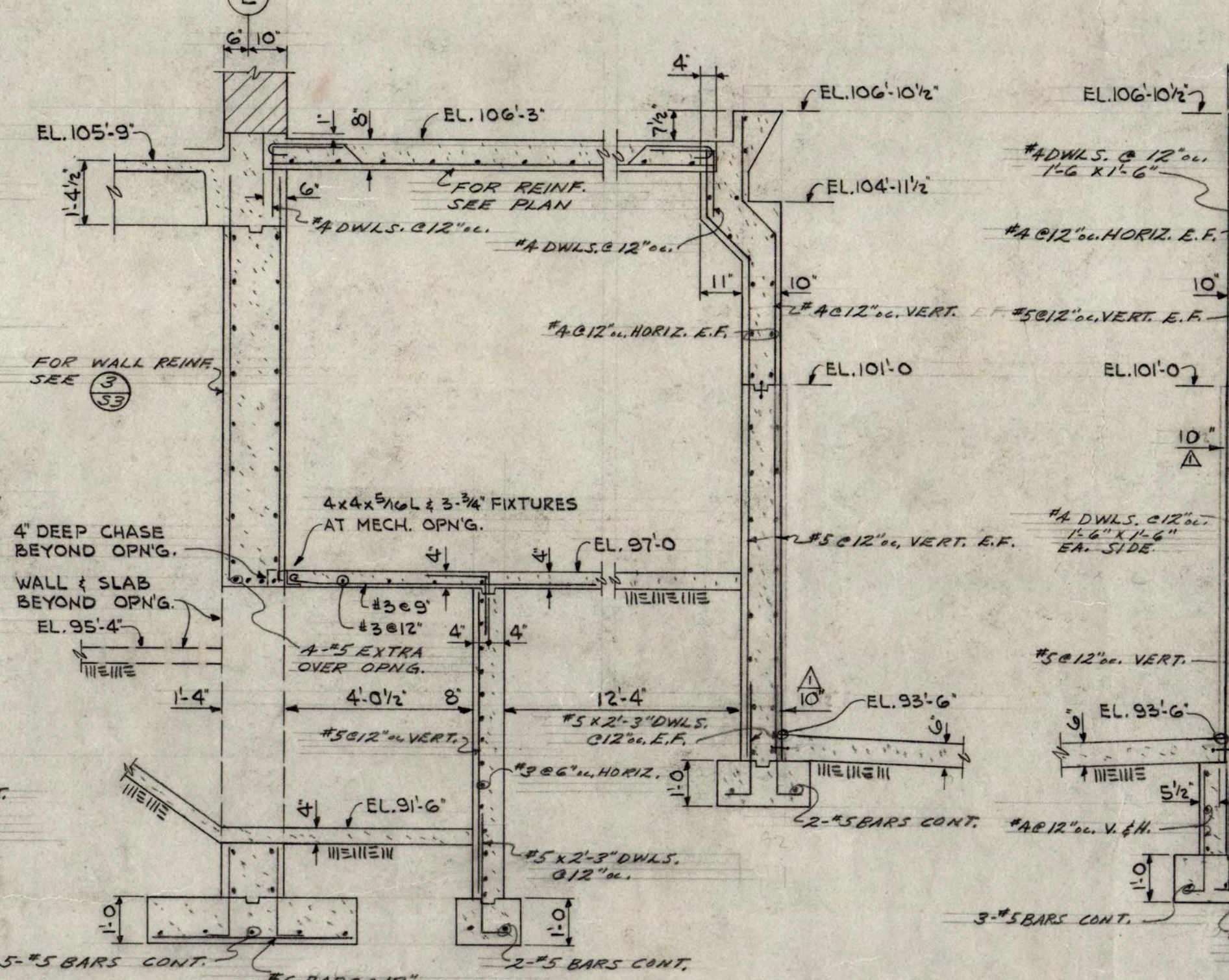
7 3/8" = 1'-0"



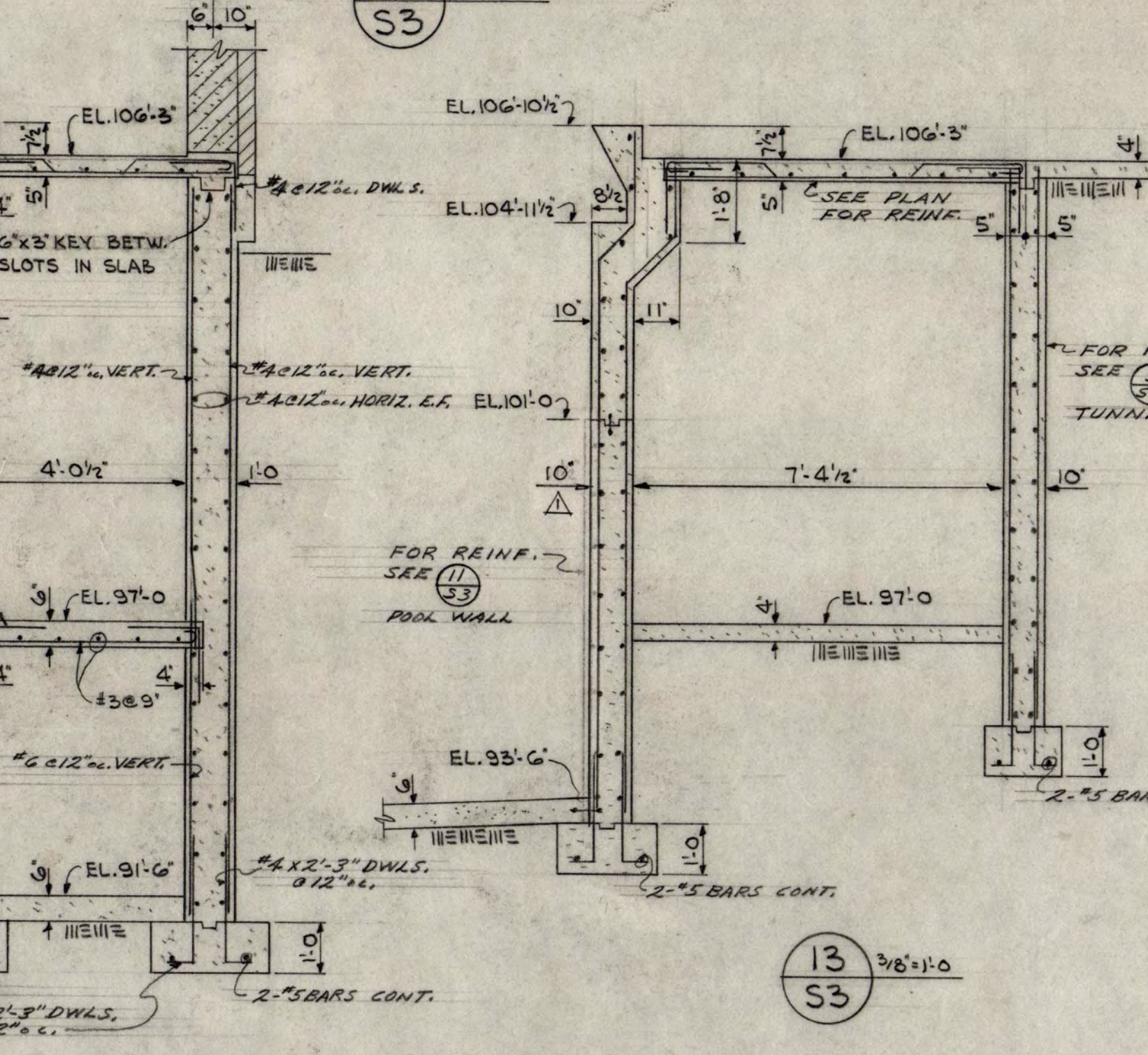
8 3/8" = 1'-0"



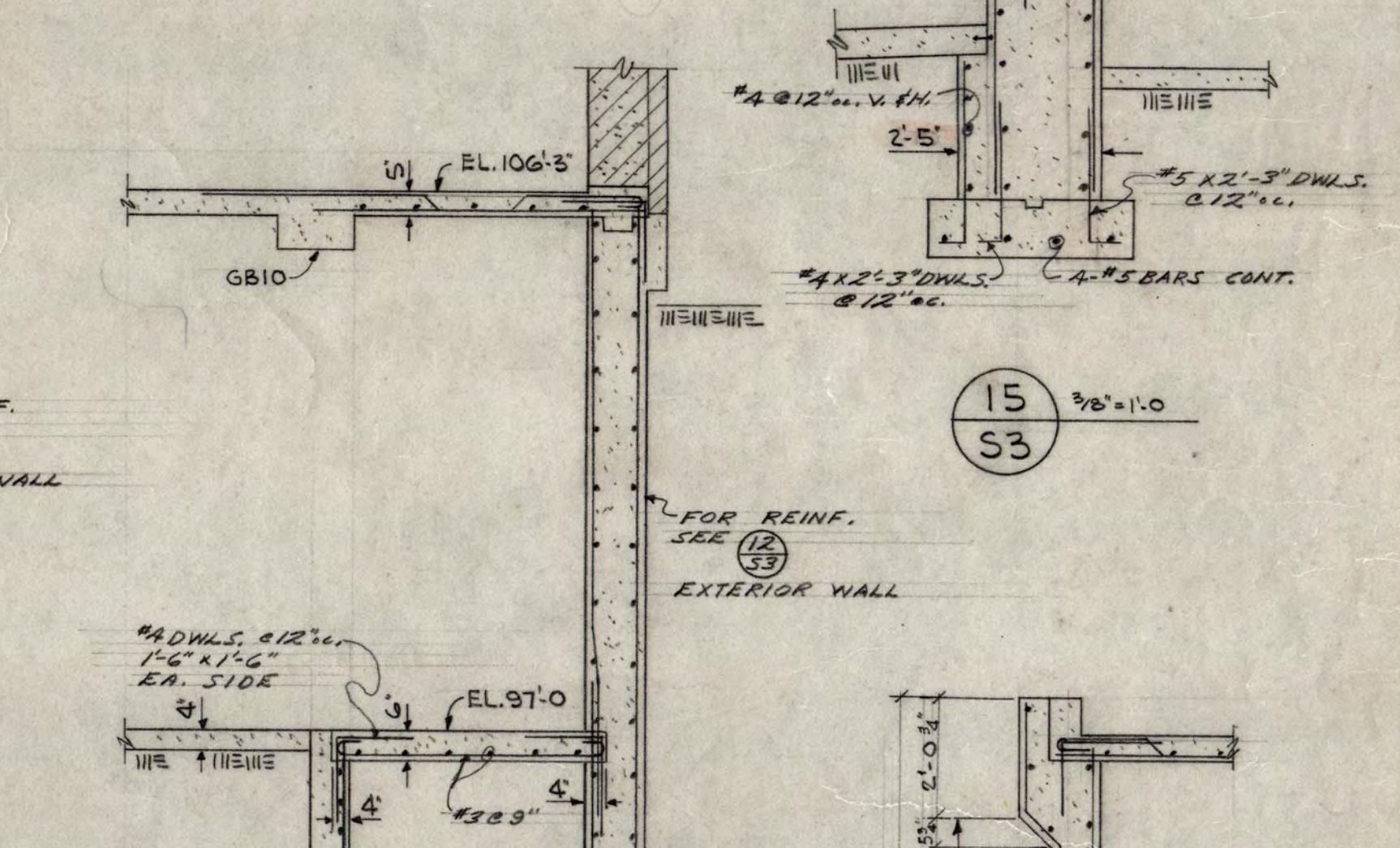
9 3/8" = 1'-0"



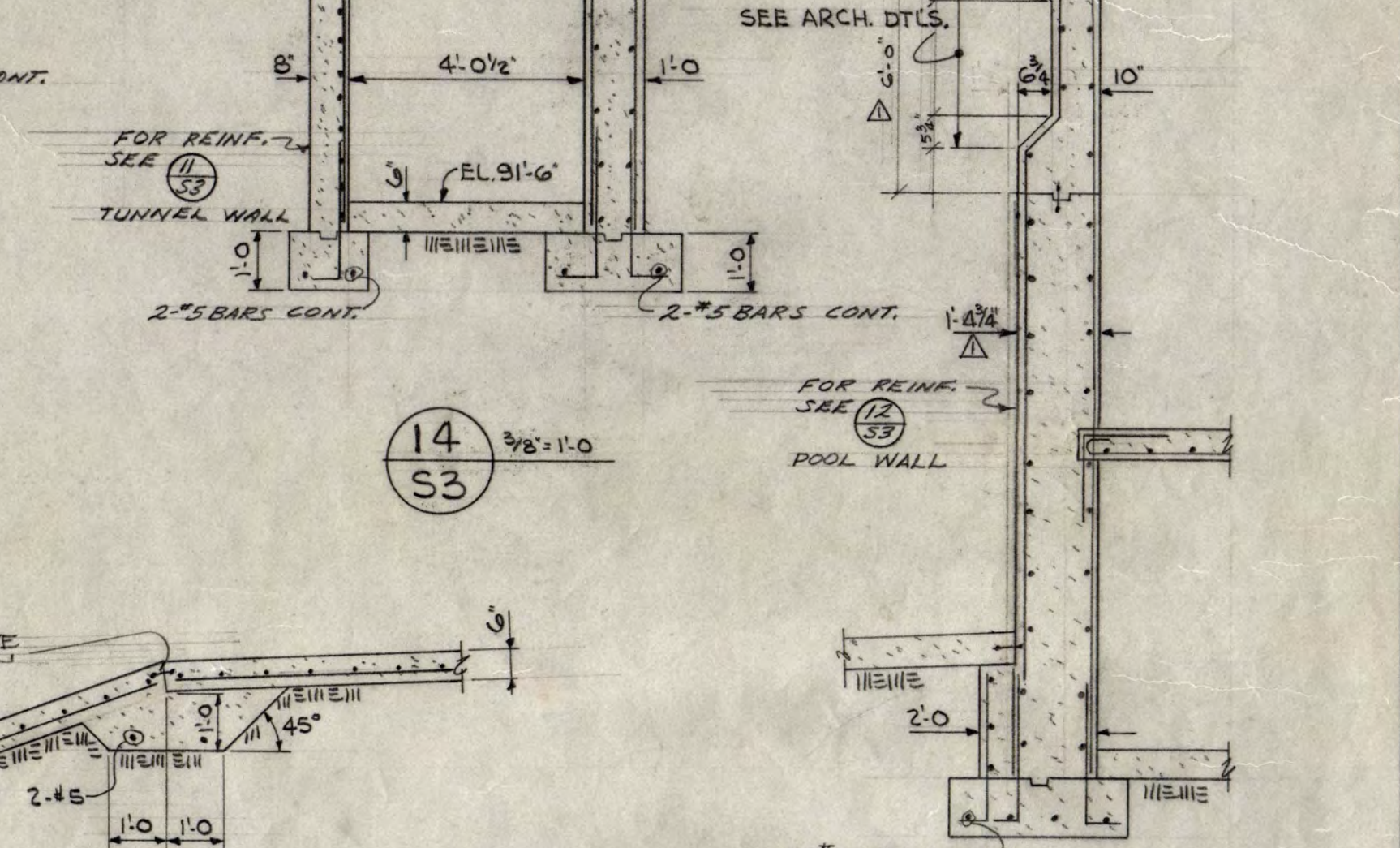
10 3/8" = 1'-0"



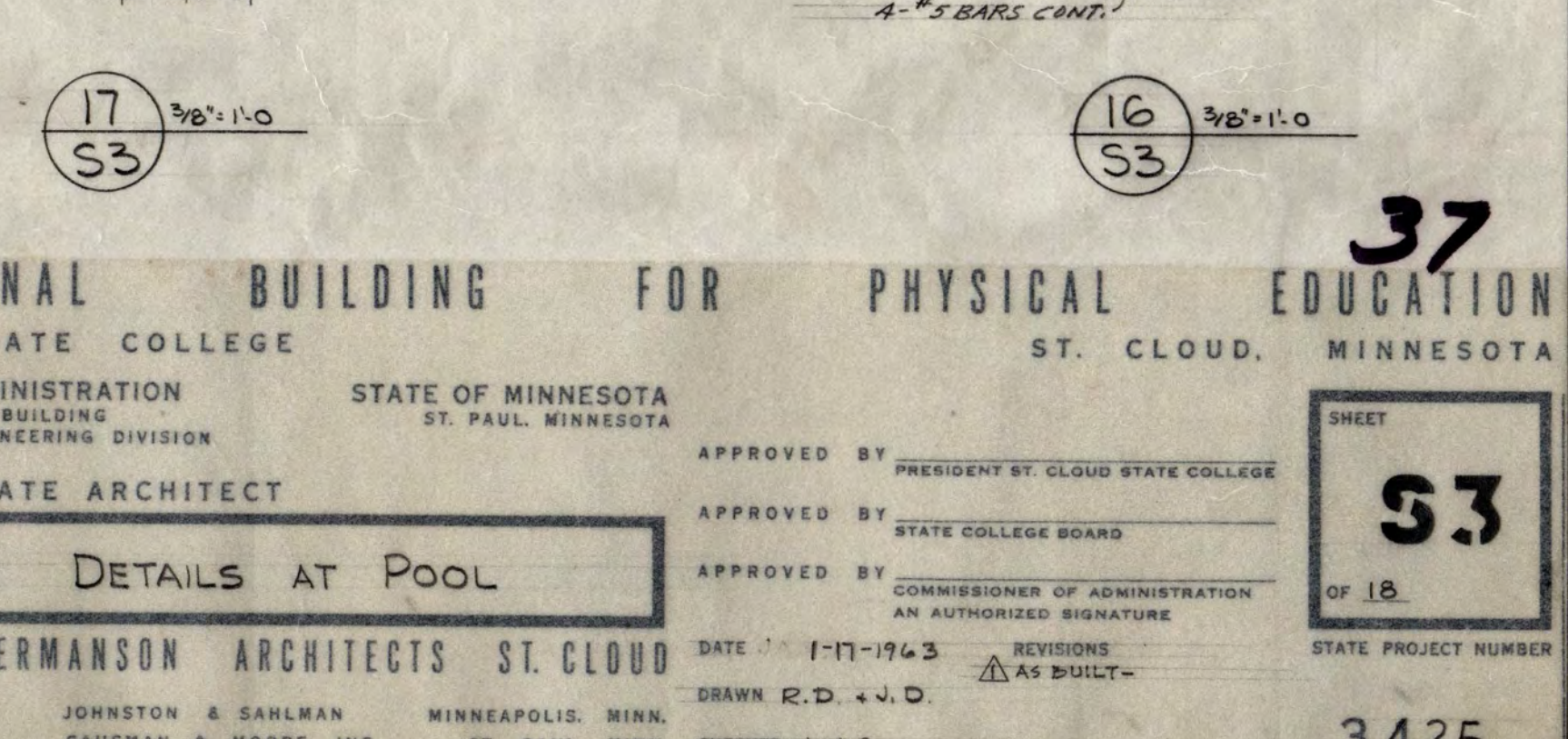
11 3/8" = 1'-0"



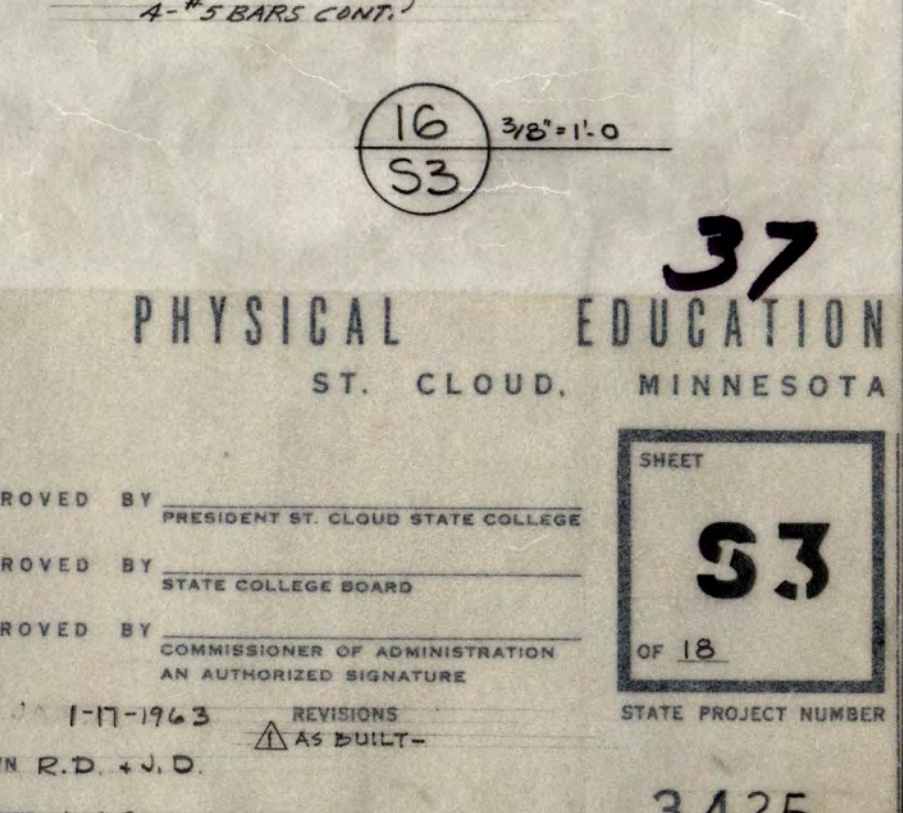
12 3/8" = 1'-0"



13 3/8" = 1'-0"

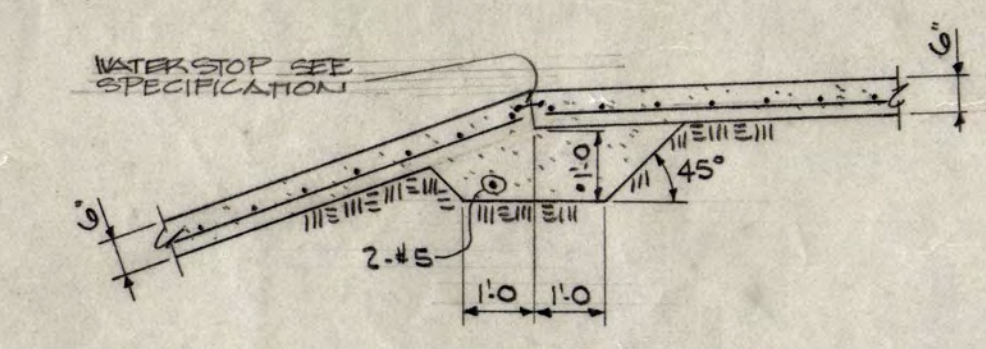


14 3/8" = 1'-0"

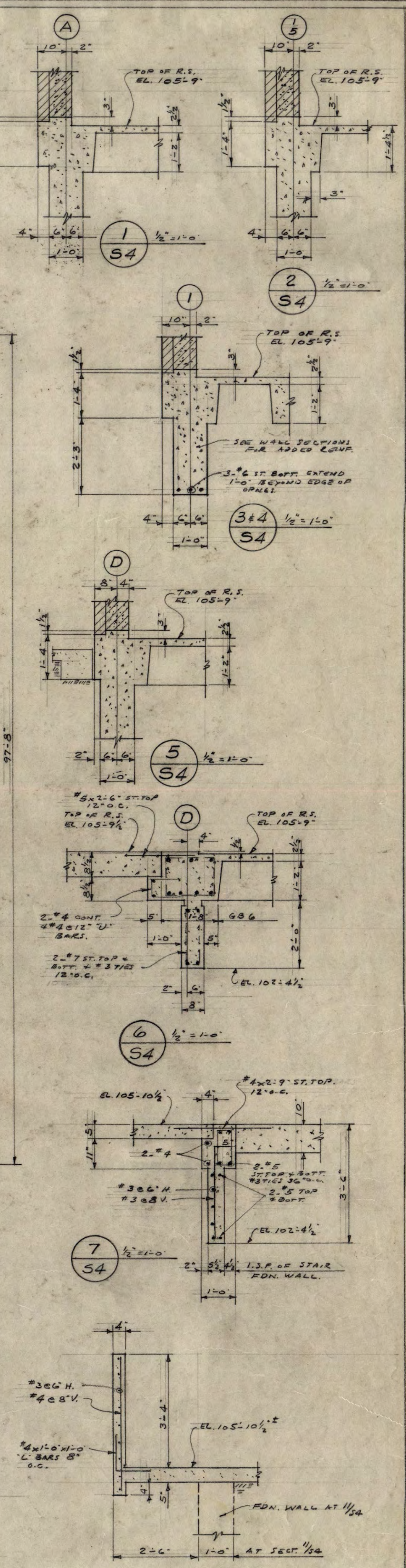
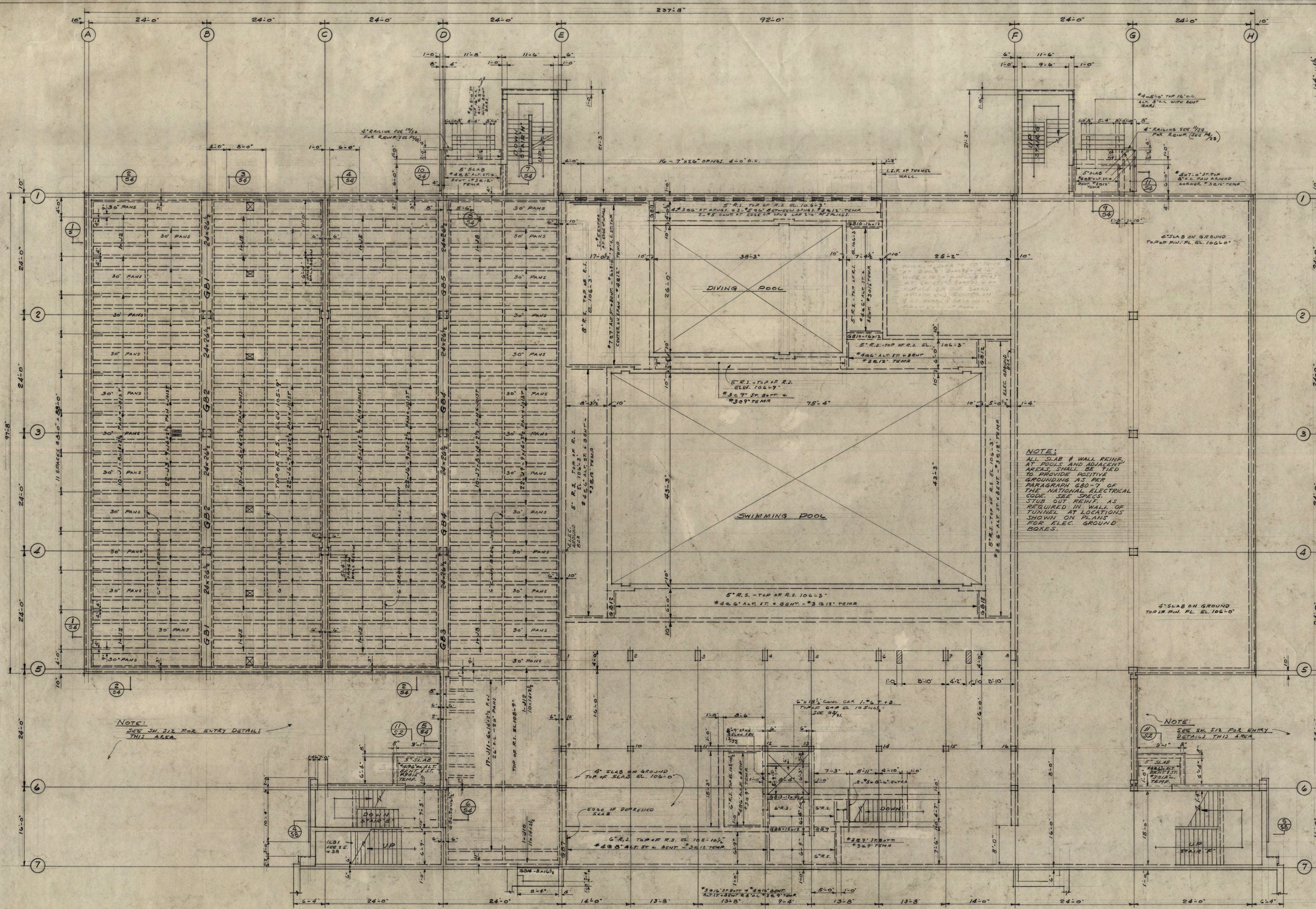


15 3/8" = 1'-0"

NOTE: WATERSTOPS @ ALL JOINTS AND FLOOR TO WALL INTERSECTIONS OF POOLS. WATER STOPS TO BE OF APPROV. ULL-BARS LISTED. SEE SPECIFICATION.



16 3/8" = 1'-0"



NOTE:
ALL SLAB & WALL REINF. AT POOLS AND ADJACENT AREAS SHALL BE TIED TO PROVIDE POSITIVE GROUNDING AS PER PARAGRAPH 680-7 OF THE NATIONAL ELECTRICAL CODE. SEE SPACE AS REQUIRED IN WALL OF TUNNEL AT LOCATIONS SHOWN ON PLANS FOR ELEC. GROUND BOXES.

NOTE:
SEE SH. SIZ. FOR ENTRY DETAILS THIS AREA

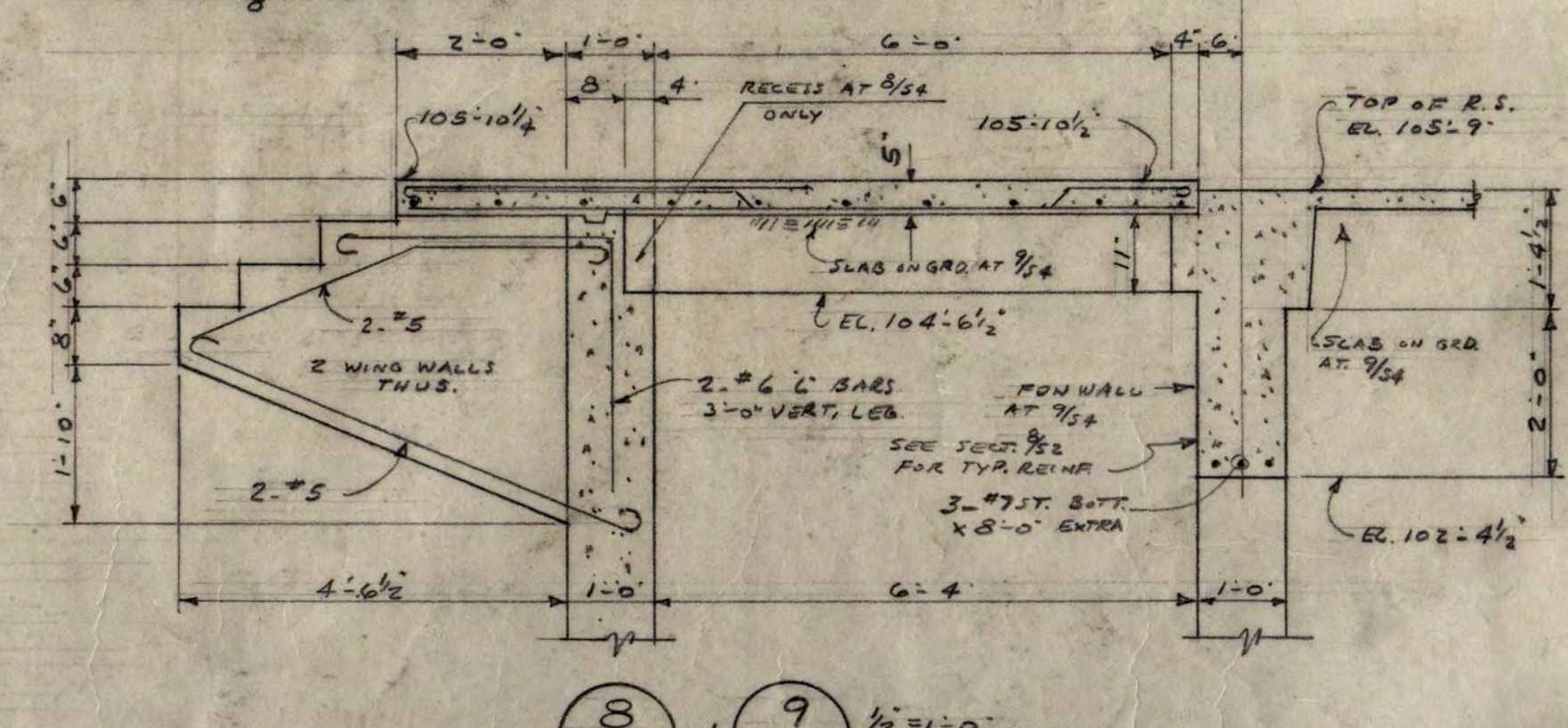
NOTE:
SEE SH. SIZ. FOR ENTRY DETAILS THIS AREA

NOTE:
SEE ARCHITECT PLAN & DETAILS FOR ALL OPNS. THIS SCHEDULE VERIFY SIZE & LOCATION WITH ARCHITECT & MECH. CONTRACTOR

GROUND FLOOR FRAMING PLAN AT POOL

CONCRETE BEAM SCHEDULE									
MARK	B	D	SHAPE	BENT	STR. TOP	STR. BOTS	REMARKS		
GB1	24	26 1/2	3*9	3*11	5*8 10/16	18*3	486, 328, 2624	W/ST. BENT AT EXTERIOR END. CENTER TOP BARS ON 6" OF SPAN	
GB2	24	26 1/2	3*9	3*10	4	18*3	4	CENTER TOP BARS ON 6" OF SPAN	
GB3	24	26 1/2	3*9	3*11	5*8 10/16	18*3	4	4. GB1	
GB4	24	26 1/2	3*9	3*10	5*8 10/16	18*3	4	4. GB1	
GB5	24	26 1/2	3*9	3*11	5*8 10/16	18*3	4	4. GB1	
GB6	20	16 1/2	4*7	3*7	8*3	266, 263	4	4. GB3	
GB7	12	16 1/2	4*5	3*5	8*3	12*6, 7185	4	4. GB3	
GB8	12	12	4*5	3*5	8*3	4	4	4. GB3	
GB9	12	12	4*5	3*5	8*3	12*6, 7185	4	4. GB3	
GB10	12	12	4*5	3*5	8*3	4	4	4. GB3	
GB11	12	12	4*5	3*5	8*3	4	4	4. GB3	
GB12	12	12	4*5	3*5	8*3	4	4	4. GB3	
GB13	12	12	4*5	3*5	8*3	4	4	4. GB3	
GB14	8	16 1/2	2*6	2*5	3*3	286, 26 1/2	4	4. GB3	

CONCRETE JOIST SCHEDULE									
MARK	B	D	SHAPE	BENT	STR. TOP	STR. BOTS	REMARKS		
J1	8	14 1/2	1*7	1*8	2*6 8/10	4	4	W/ST. BENT AT BEARING WALL CENTER TOP BARS IN 6" OF SPAN	
J2	13	14 1/2	2*6	2*7	3*7 8/10	4	4	4	
J3	9	14 1/2	1*7	1*8	2*6 8/10	4	4	4	
J4	8	14 1/2	1*7	1*8	2*6 8/10	4	4	CENTER TOP BARS ON 6" OF SPAN	
J5	13	14 1/2	2*6	2*7	3*7 8/10	4	4	4	
J6	9	14 1/2	1*7	1*8	2*6 8/10	4	4	4	
J7	8	14 1/2	1*7	1*8	2*6 8/10	4	4	4	
J8	13	14 1/2	2*6	2*7	3*7 8/10	4	4	4	
J9	9	14 1/2	1*7	1*8	2*6 8/10	4	4	4	
J10	11	14 1/2	2*6	2*7	3*7 8/10	4	4	W/ST. BENT BEARING WALL CENTER TOP BARS ON 6" OF SPAN	
J11	6	14 1/2	1*7	1*8	2*7 8/10	4	4	4	
J12	10	14 1/2	1*8	1*8	2*6 8/10	4	4	4	



NOTE:
PROVIDE #4 ST. BOTT. EXTRA OVER OPNS. (6" x 6") IN CONC. WALL AT GRID LINE 'C'. SEE PLAN. PROVIDE #4 ST. BOTT. EXTRA OVER OPNS. (6" x 6") IN CONC. WALL AT GRID LINE 'C'. PROVIDE #4 ST. BOTT. EXTRA OVER OPNS. (6" x 6") IN CONC. WALL AT GRID LINE 'C'.

NOTE: PROVIDE #4 ST. BOTT. EXTRA OVER OPNS. (6" x 6") IN CONC. WALL AT GRID LINE 'C'. PROVIDE #4 ST. BOTT. EXTRA OVER OPNS. (6" x 6") IN CONC. WALL AT GRID LINE 'C'.

38

54

INSTRUCTIONAL BUILDING FOR PHYSICAL EDUCATION
ST. CLOUD STATE COLLEGE
ST. CLOUD, MINNESOTA

DEPARTMENT OF ADMINISTRATION
ROOM 130 STATE CAPITOL BUILDING
ARCHITECTURAL AND ENGINEERING DIVISION
ST. PAUL, MINNESOTA

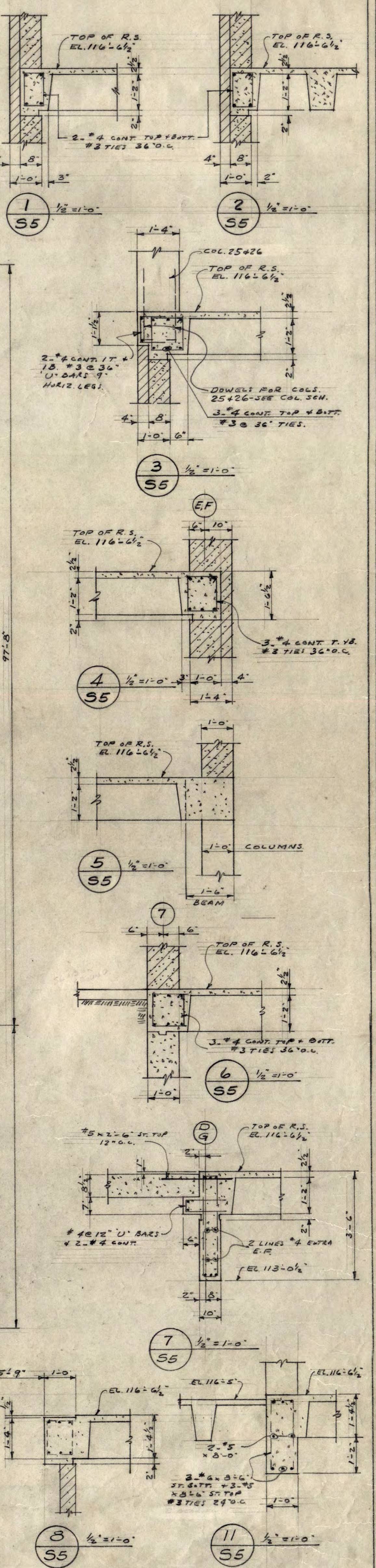
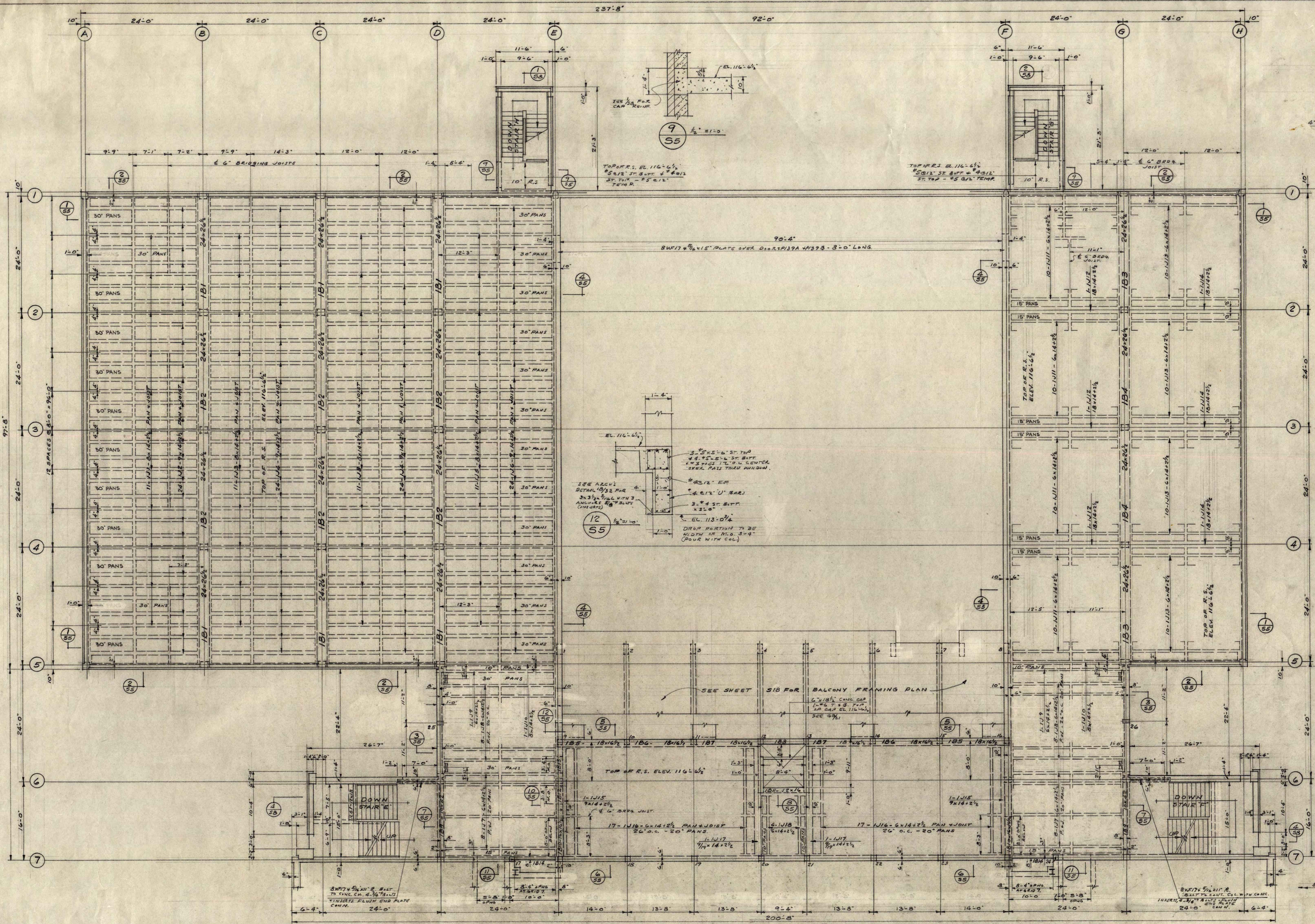
APPROVED BY PRESIDENT OF ST. CLOUD STATE COLLEGE
APPROVED BY STATE COLLEGE BOARD
APPROVED BY COMMISSIONER OF ADMINISTRATION
AN AUTHORIZED SIGNATURE

A. J. NELSON, STATE ARCHITECT

GROUND FLOOR FRAMING PLAN AT POOL

TRAYNOR AND HERMANSON ARCHITECTS ST. CLOUD
STRUCTURAL ENGINEERS: JOHNSTON & SARNAK MINNEAPOLIS, MINN.
CONSULTING ENGINEERS: GAUSMAN & MOORE, INC. ST. PAUL, MINN. CHECKED J.W.S.

DATE: JAN 17, 1943
DRAWN: J.W.S., R.D.
REVISIONS: AS BUILT
STATE PROJECT NUMBER: 3425



FIRST FLOOR FRAMING PLAN AT POOL

CONCRETE BEAM SCHEDULE									
MARK	B	D	STRAIGHT	BENT	SPR. TOP	NATURE	SPACING EACH END	REMARKS	
1B1	24	26 1/2	3-8	3-7 1/2	3-8 3/8 x 14	3	306, 288, 262, 24	16 IN. SP. TOP BARS ON END SPAN	
1B2	24	26 1/2	3-7	3-10	3-8 3/8 x 14	3		CENTER TOP STR. TOP BARS ON END SPAN	
1B3	24	26 1/2	3-8	3-10	3-8 3/8 x 14	3		CENTER TOP STR. TOP BARS ON END SPAN	
1B4	24	26 1/2	3-7	3-10	3-8 3/8 x 14	3		1/2 BENT BAR AT ELEV. 116'-0"	
1B5	18	16 1/2	3-8	4-0	3-8 3/8 x 14	3	204, 306	16 IN. SP. BENT AT DISCONTINUOUS END	
1B6	18	16 1/2	3-8	3-6	3-8 3/8 x 14	3		1/2 BENT BAR AT ELEV. 116'-0"	
1B7	18	16 1/2	3-8	3-6	3-8 3/8 x 14	3		1/2 BENT BAR AT ELEV. 116'-0"	
1B8	12	16 1/2	3-6	2-6 1/2	3-8 3/8 x 14	3	306, 204	CENTER STR. TOP BARS ON END SPAN	
1B9	10	12	3-9	3-8	3-8 3/8 x 14	3	306, 282	16 IN. SP. TOP BARS ON END SPAN	
1B10	16	16 1/2	4-0	4-0	4-0 x 14	3	306, 288	16 IN. SP. TOP BARS ON END SPAN	
1B11	12	16	3-6	3-5	3-8 3/8 x 14	3	306	16 IN. SP. TOP BARS ON END SPAN	
1B12	16	16 1/2	4-0	3-5	3-8 3/8 x 14	3	306, 288	16 IN. SP. TOP BARS ON END SPAN	
1B13	16	16 1/2	4-0	3-5	3-8 3/8 x 14	3	306, 288	16 IN. SP. TOP BARS ON END SPAN	
1B14	8	16 1/2	2-6	2-5	3-8 3/8 x 14	3	204, 262	16 IN. SP. TOP BARS ON END SPAN	
1B15	12	18	4-0	3-5	3-8 3/8 x 14	3	204, 282	16 IN. SP. TOP BARS ON END SPAN	

NOTE: SEE ARCHITECTS PLAN & DETAILS FOR DIMENSIONS. CHECK VERTICAL LOCATION WITH ARCHITECT.

CONCRETE JOIST SCHEDULE											
MARK	D x D	STRAIGHT	BENT	SPR. TOP	REMARKS	MARK	D x D	STRAIGHT	BENT	SPR. TOP	REMARKS
1J1	8x14	1-6	1-8	2-6 1/2	16 IN. SP. BENT AT BEARING WALL	1J12	8x14	3-6	3-7	4-8 1/2	4-1J11
1J2	9x14	1-7	1-8	2-6 1/2	CENTER STR. TOP BARS ON END SPAN	1J13	6x14	1-6	1-7	2-7 1/2	4-1J11
1J3	8x14	1-6	1-7	2-6 1/2	CENTER STR. TOP BARS ON END SPAN	1J14	8x14	3-6	3-7	4-8 1/2	4-1J11
1J4	9x14	1-6	1-7	2-6 1/2	4-1J3	1J15	9x14	1-7	1-7	2-7 1/2	4-1J7
1J5	8x14	1-6	1-8	2-6 1/2	4-1J1	1J16	6x14	1-7	1-8	2-7 1/2	4-1J7
1J6	9x14	1-7	1-8	2-6 1/2	4-1J2	1J17	9x14	1-7	1-7	2-7 1/2	4-1J7
1J7	6x14	1-7	1-8	2-7 1/2	16 IN. SP. BENT EACH END, CENTER TOP BARS ON END SPAN	1J18	6x14	1-5	1-5		
1J8	6x14	1-7	1-8	2-7 1/2	4-1J7	1J19	9x14	1-8	1-8	2-7 1/2	4-1J7
1J9	6x14	1-7	1-8	2-7 1/2	4-1J7						
1J10	6x14	1-7	1-8	2-7 1/2	4-1J7						
1J11	6x14	1-6	1-7	2-7 1/2	16 IN. SP. BENT AT BEARING WALL, CENTER TOP BARS ON END SPAN						

NOTE: ALL PANS TO BE 20" STR. PANS UNLESS OTHERWISE NOTED. PROVIDE 1-8 CENT. TOP 1/8" DIA. IN BRG. JOIST. LAP 2-0" AT SPICES. PROVIDE 3-8 1/2" TEMP. IN 2-0" SPACES OF PAN JOIST CONSTRUCTION.

INSTRUCTIONAL BUILDING FOR PHYSICAL EDUCATION

ST. CLOUD STATE COLLEGE STATE OF MINNESOTA ST. CLOUD, MINNESOTA

DEPARTMENT OF ADMINISTRATION ARCHITECTURAL AND ENGINEERING DIVISION

A. J. NELSON, STATE ARCHITECT

FIRST FLOOR FRAMING PLAN AT POOL

TRAYNOR AND HERMANSON ARCHITECTS ST. CLOUD

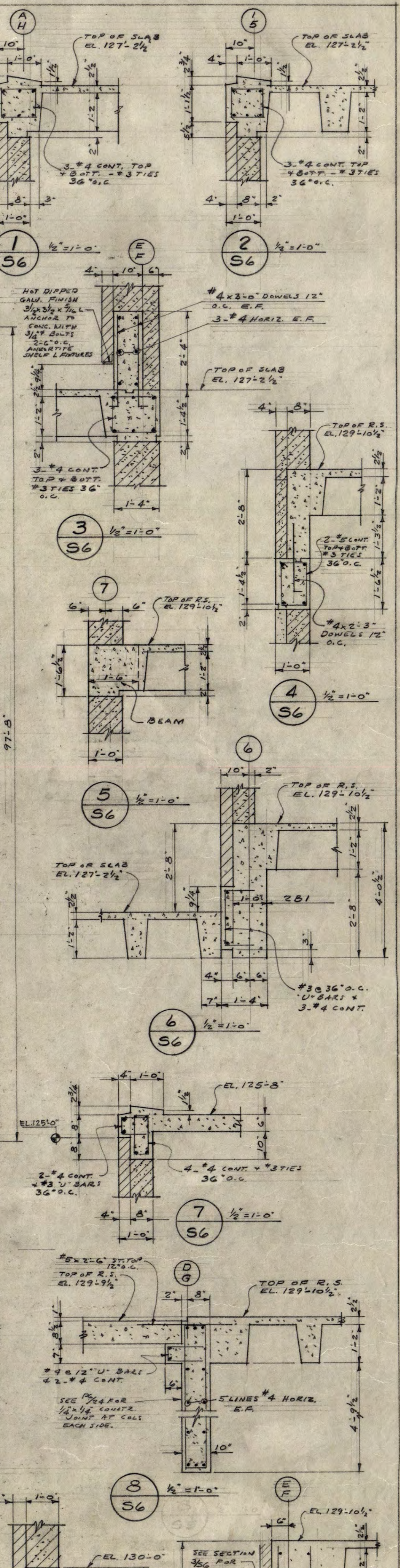
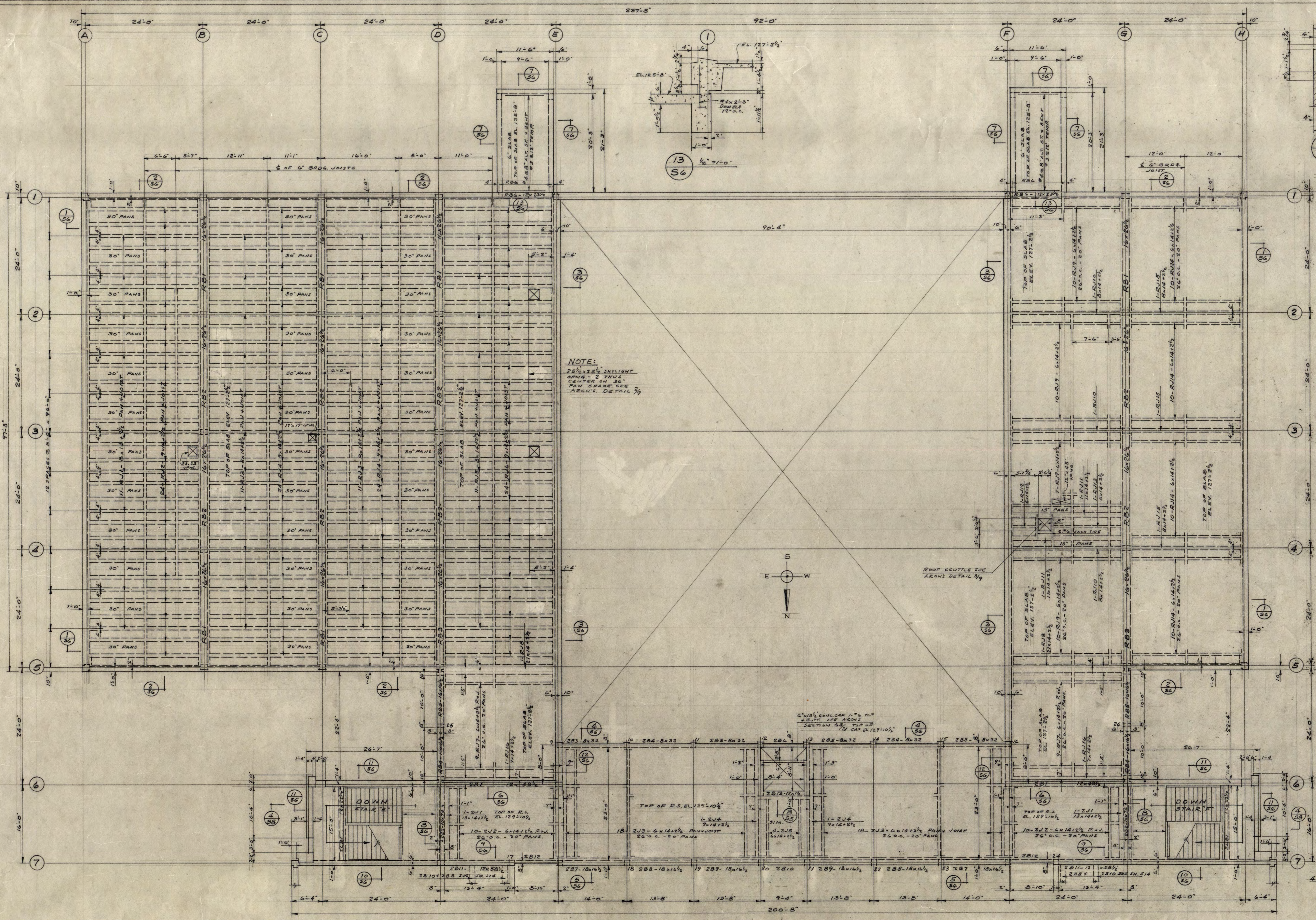
STRUCTURAL ENGINEERS: JOHNSTON & SARLMAN MINNEAPOLIS, MINN.
CONSULTING ENGINEERS: GAUSMAN & NOBLE, INC. ST. PAUL, MINN. CHECKED

DATE: 1-17-1963 DRAWN: J.W.S.

APPROVED BY: PRESIDENT OF BOARD STATE COLLEGE
APPROVED BY: STATE COLLEGE BOARD
APPROVED BY: COMMISSIONER OF ADMINISTRATION ARCHITECTURAL AND ENGINEERING DIVISION

SHEET **55** OF 18

STATE PROJECT NUMBER 3425



NOTE:
 25" x 25" SKYLIGHT
 DIMS. - 2 THIS
 CENTER ON 30"
 PAN. SPACE SEE
 ARCHT. DETAIL 29



TOP OF ROOF SLAB EL. 127'-2 1/2" - TOP OF R.S. MAIN FLOOR EL. 129'-10 1/2"
ROOF AND MAIN FLOOR FRAMING PLAN AT POOL

MARK	B	D	STRAIGHT	BENT	STR. TOP	REMARKS
RB1	16	26 1/2	2-#8	2-#11	2-#7.5-6	18 #3 304, 306, 302
RB2	16	26 1/2	2-#8	2-#10		18 #3
RB3	16	26 1/2	2-#8	2-#11	2-#7.5-0	18 #3
RB4	16	16 1/2	2-#8	2-#6		4 #3 208
RB5	16	16 1/2	2-#8	2-#6		4 #3 208
RB6	12	23 1/2	3-#6	3-#5		4 #3 24 1/2 x 11 1/2
RB7	12	22 1/2	3-#6	3-#5		4 #3 304, 308, 2612
RB8	12	16	3-#6	3-#5		4 #3 306
RB9	12	16	3-#6	3-#5		4 #3 12" O.C. TIES
RB10	12	16	3-#6	3-#5		4 #3 12" O.C. TIES
RB11	12	16	3-#6	3-#5		4 #3 306, 2012
RB12	12	16	3-#6	3-#5		4 #3
RB13	12	16	3-#6	3-#5		4 #3
RB14	12	16	3-#6	3-#5		4 #3
RB15	12	16	3-#6	3-#5		4 #3
RB16	12	16	3-#6	3-#5		4 #3
RB17	12	16	3-#6	3-#5		4 #3
RB18	12	16	3-#6	3-#5		4 #3
RB19	12	16	3-#6	3-#5		4 #3
RB20	12	16	3-#6	3-#5		4 #3
RB21	12	16	3-#6	3-#5		4 #3
RB22	12	16	3-#6	3-#5		4 #3

MARK	D x d	STRAIGHT	BENT	STR. TOP	REMARKS
RJ1	8 x 14 1/2	1-#5	1-#7	2-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ2	8 x 14 1/2	1-#5	1-#7		1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ3	8 x 14 1/2	1-#5	1-#6		CENTER TOP BARS ON 8" OF SPAN
RJ4	8 x 14 1/2	1-#5	1-#6		1/2" BENT EACH END
RJ5	8 x 14 1/2	1-#5	1-#7		1/2" BENT EACH END, CENTER TOP BARS ON 8" OF SPAN
RJ6	8 x 14 1/2	1-#5	1-#7		1/2" BENT EACH END, CENTER TOP BARS ON 8" OF SPAN
RJ7	8 x 14 1/2	1-#6	1-#7	2-#5.8-0	1/2" BENT EACH END, CENTER TOP BARS ON 8" OF SPAN
RJ8	2 1/2 x 14 1/2	3-#6	3-#7	6-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ9	8 x 14 1/2	1-#5	1-#6	2-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ10	8 x 14 1/2	1-#5	1-#6		1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ11	11 x 14 1/2	2-#5	2-#6	8-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ12	8 x 14 1/2	2-#5			1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ13	8 x 14 1/2	1-#5	1-#5		1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ14	8 x 14 1/2	1-#5	1-#6	2-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN
RJ15	8 x 14 1/2	1-#5	1-#6	2-#5.8-0	1/2" BENT AT SINKING WALL, CENTER TOP BARS ON 8" OF SPAN

CONCRETE BEAM SCHEDULE

CONCRETE JOIST SCHEDULE

NOTE: PROVIDE 1-#5 CONT. TOP BARS IN BEAMS JOINTS; LAP 2-#5 AT JOINTS. PROVIDE 3-#12 TEMP. IN 2" SLABS IN PAN-JOIST CONSTRUCTION. SEE PLAN FOR 15" 2" STRAIGHT PAN. UNLESS OTHERWISE NOTED.

INSTRUCTIONAL BUILDING FOR PHYSICAL EDUCATION
 ST. CLOUD STATE COLLEGE
 DEPARTMENT OF ADMINISTRATION
 ROOM 120 STATE CAPITOL BUILDING
 ARCHITECTURAL AND ENGINEERING DIVISION
 A. J. NELSON, STATE ARCHITECT

STATE OF MINNESOTA
 ST. PAUL, MINNESOTA

APPROVED BY: PRESIDENT ST. CLOUD STATE COLLEGE
 APPROVED BY: STATE COLLEGE BOARD
 APPROVED BY: COMMISSIONER OF ADMINISTRATION
 AUTHORIZED SIGNATURE

Roof & Main Floor Framing Plan at Pool

DATE: 1-17-1963
 DRAWN: J.W.S.
 CHECKED: D.M.W.

STRUCTURAL ENGINEERS: JOHNSTON & SAHLMAN, MINNEAPOLIS, MINN.
 CONSULTING ENGINEERS: GAUSMAN & MOORE, INC., ST. PAUL, MINN.

SHEET **56** OF 18
 STATE PROJECT NUMBER 3425