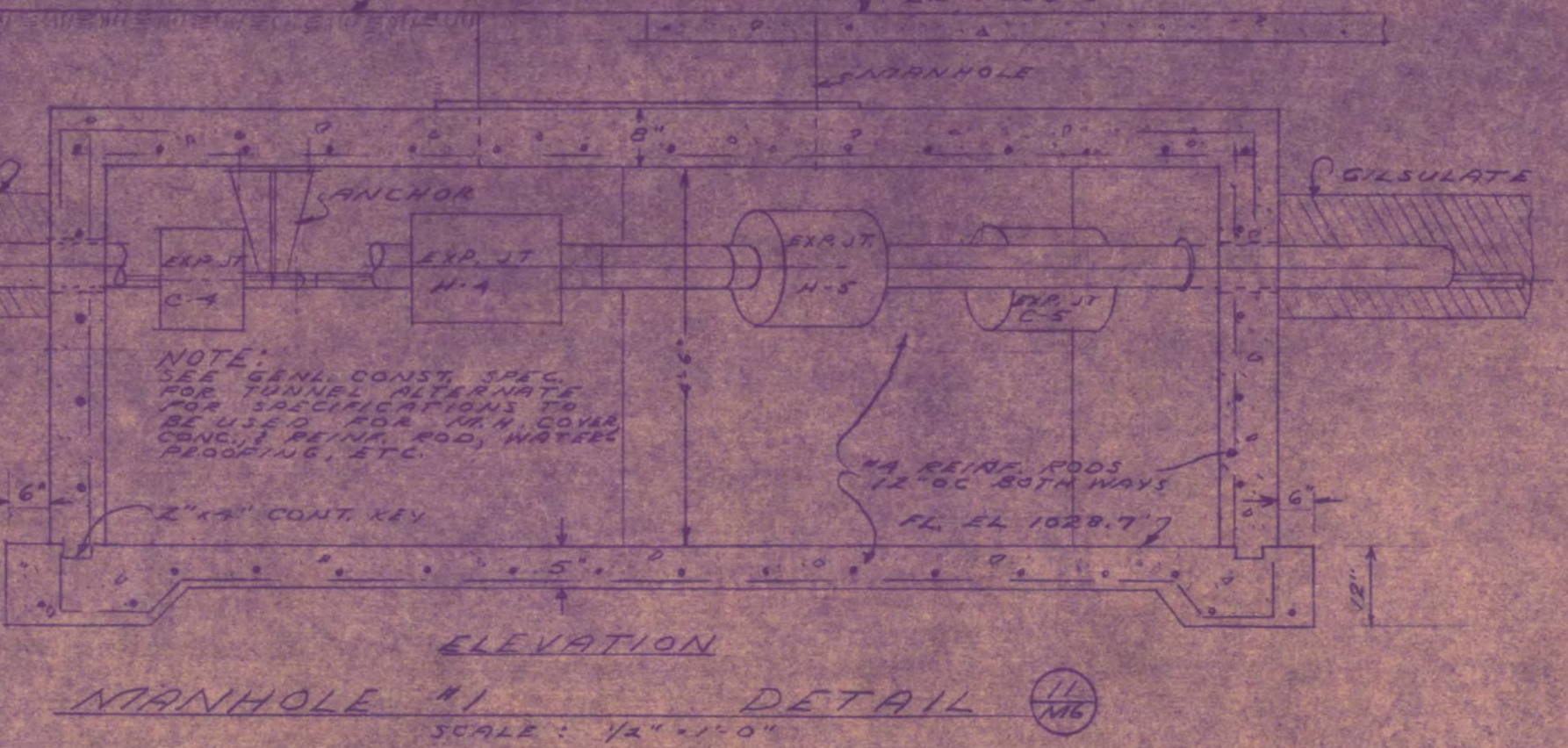
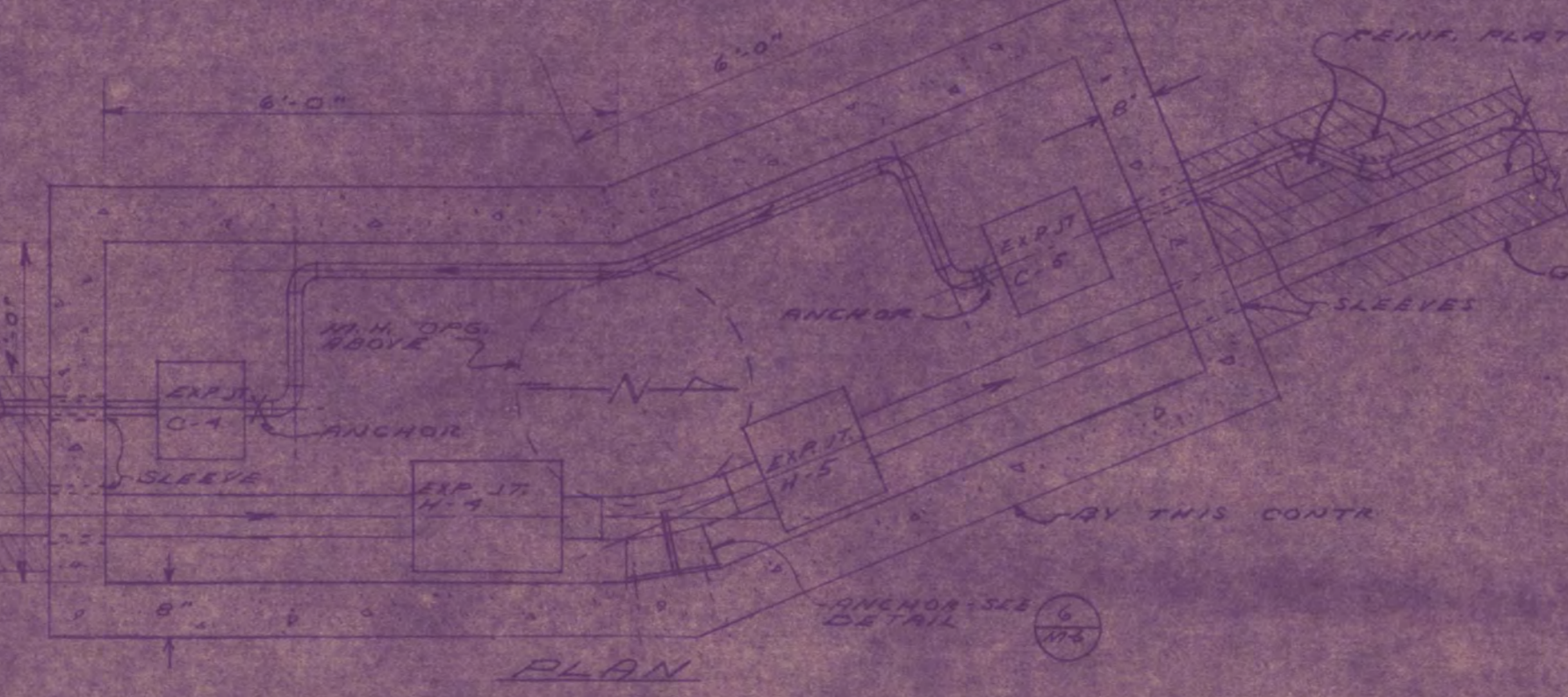
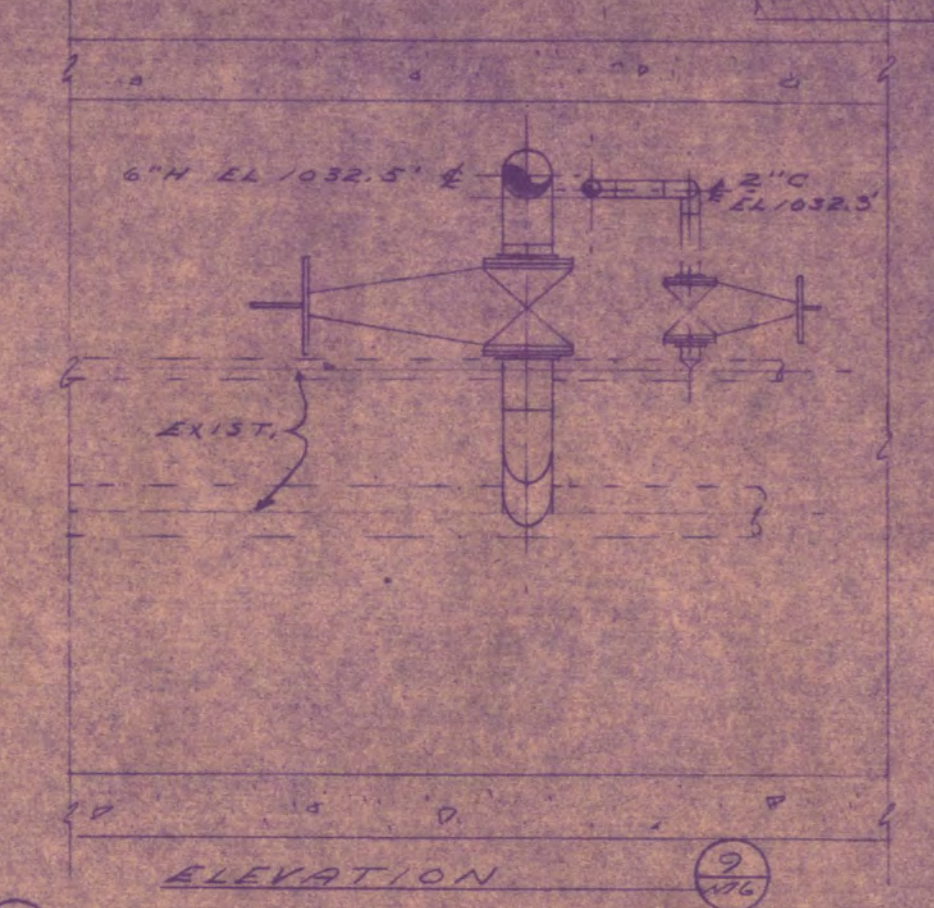
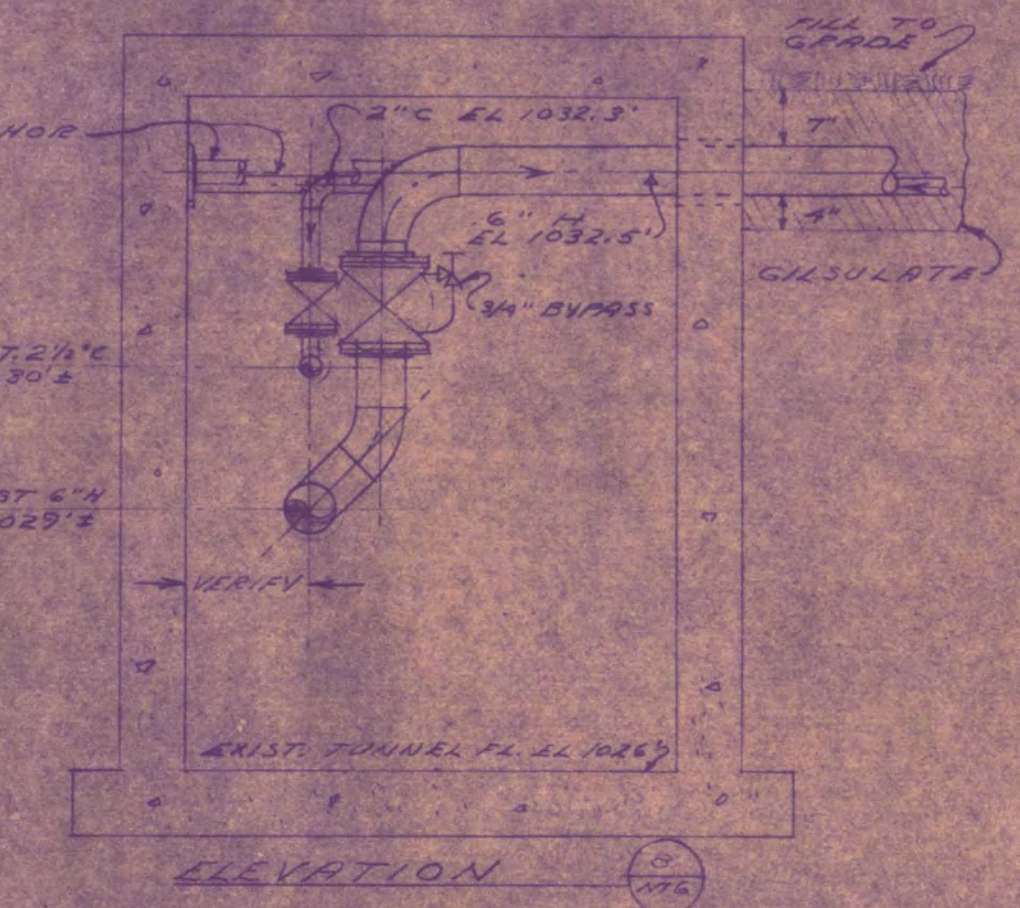
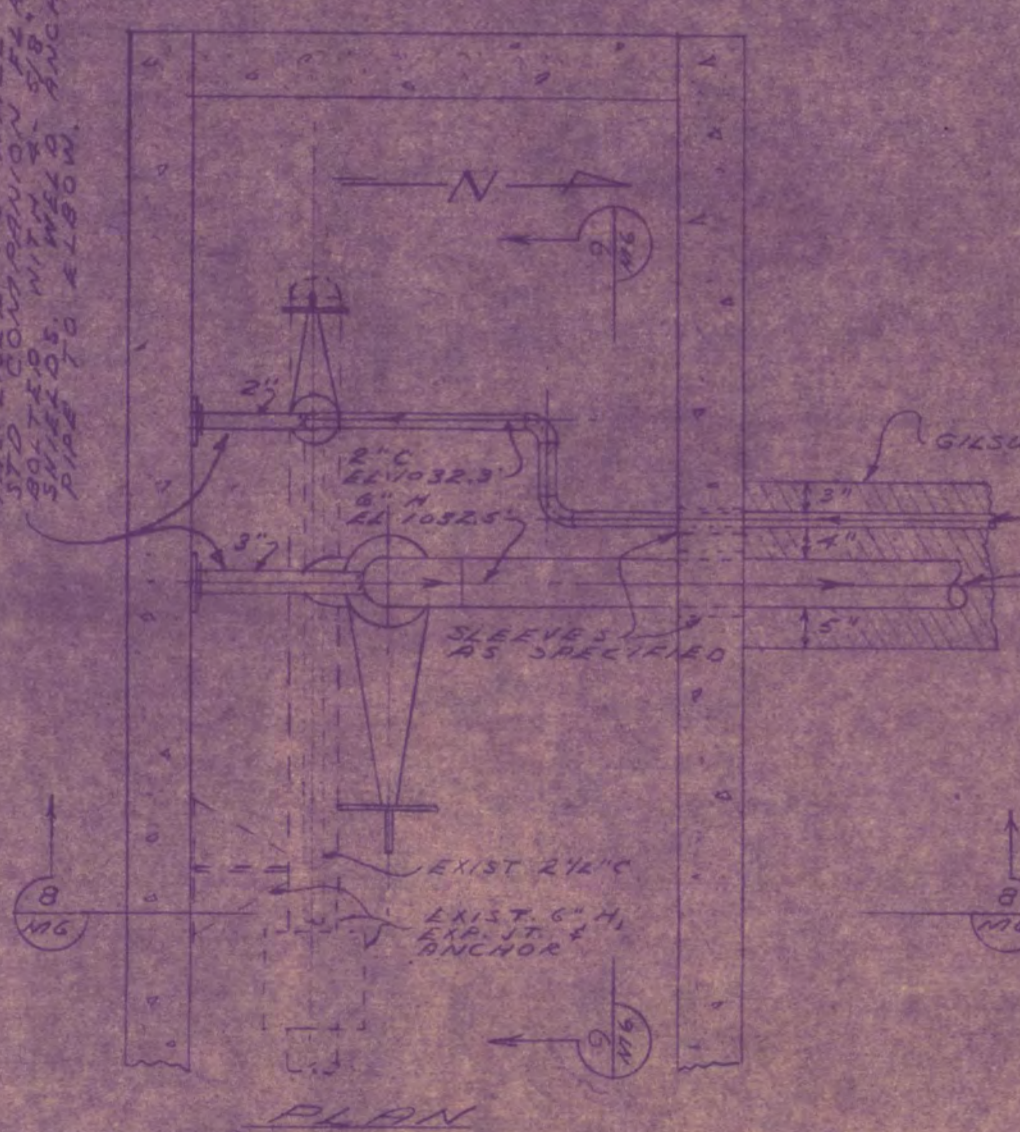
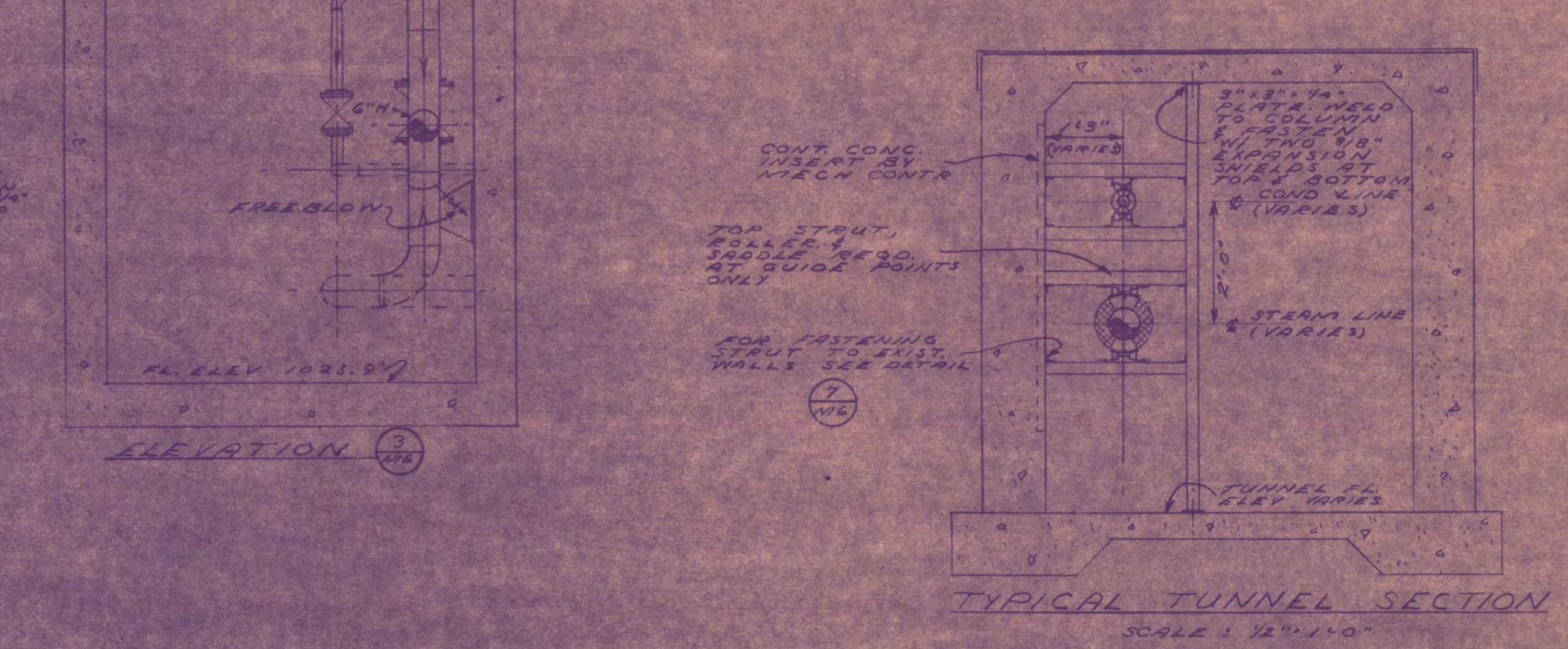
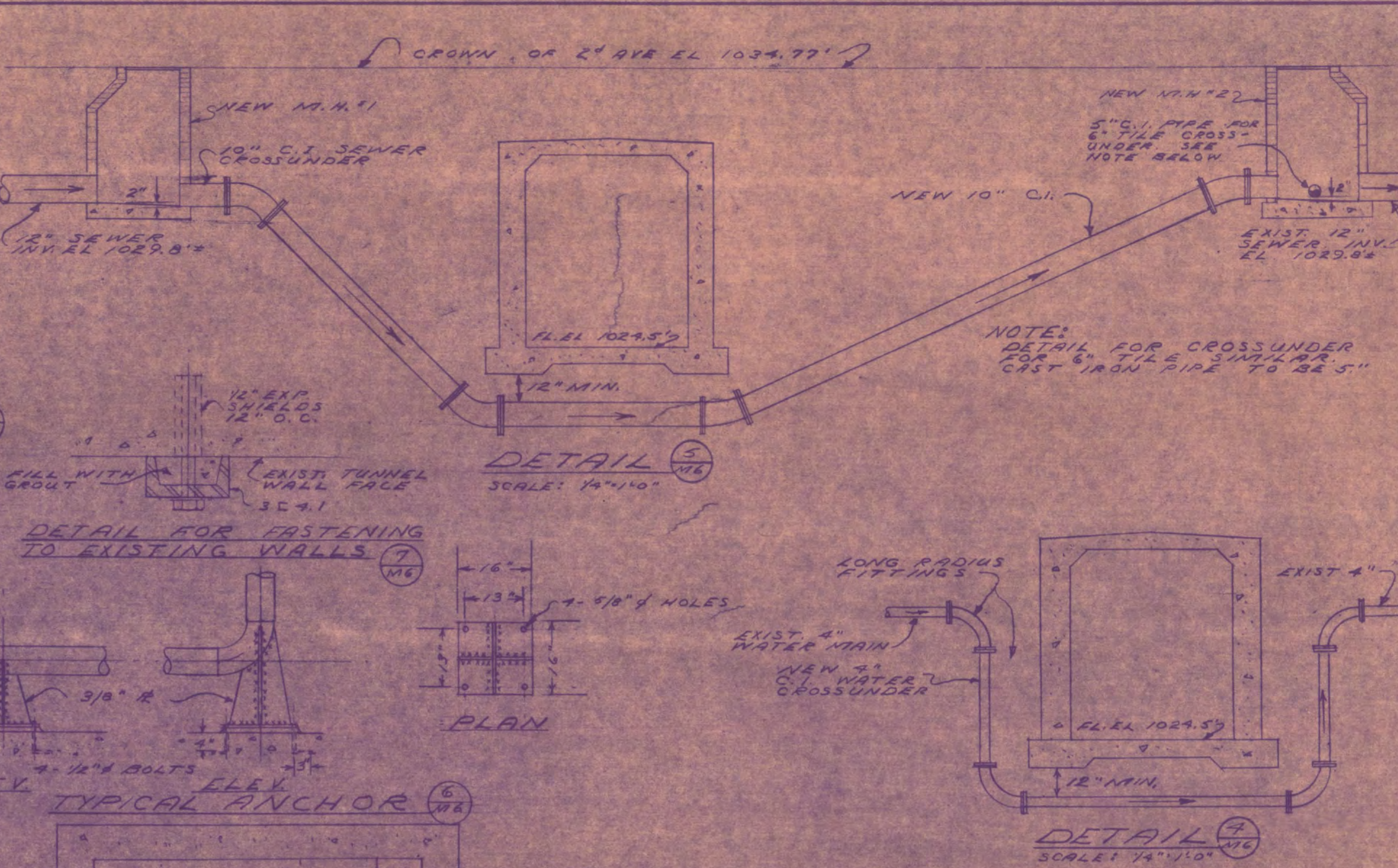
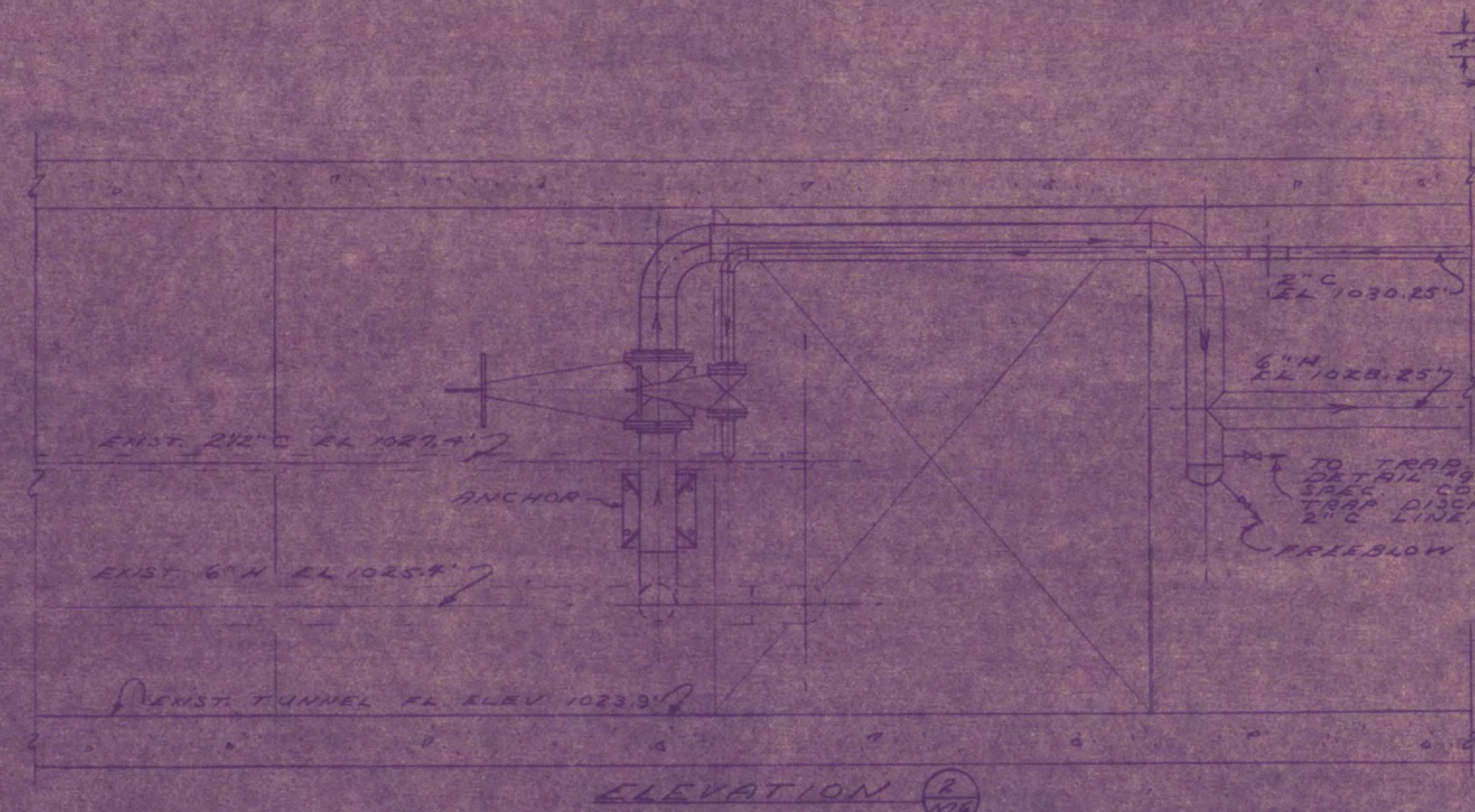
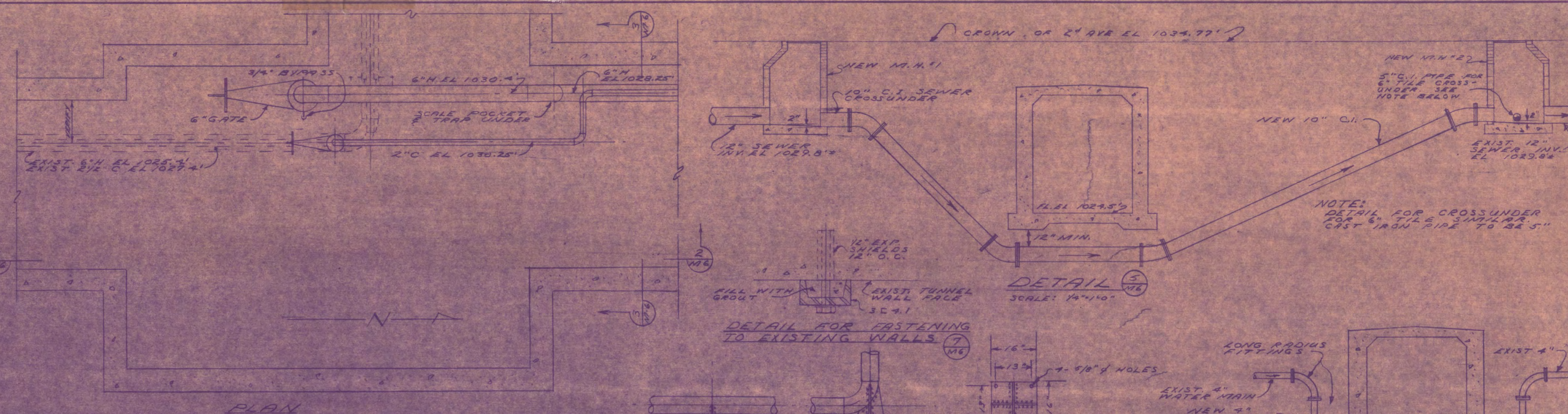




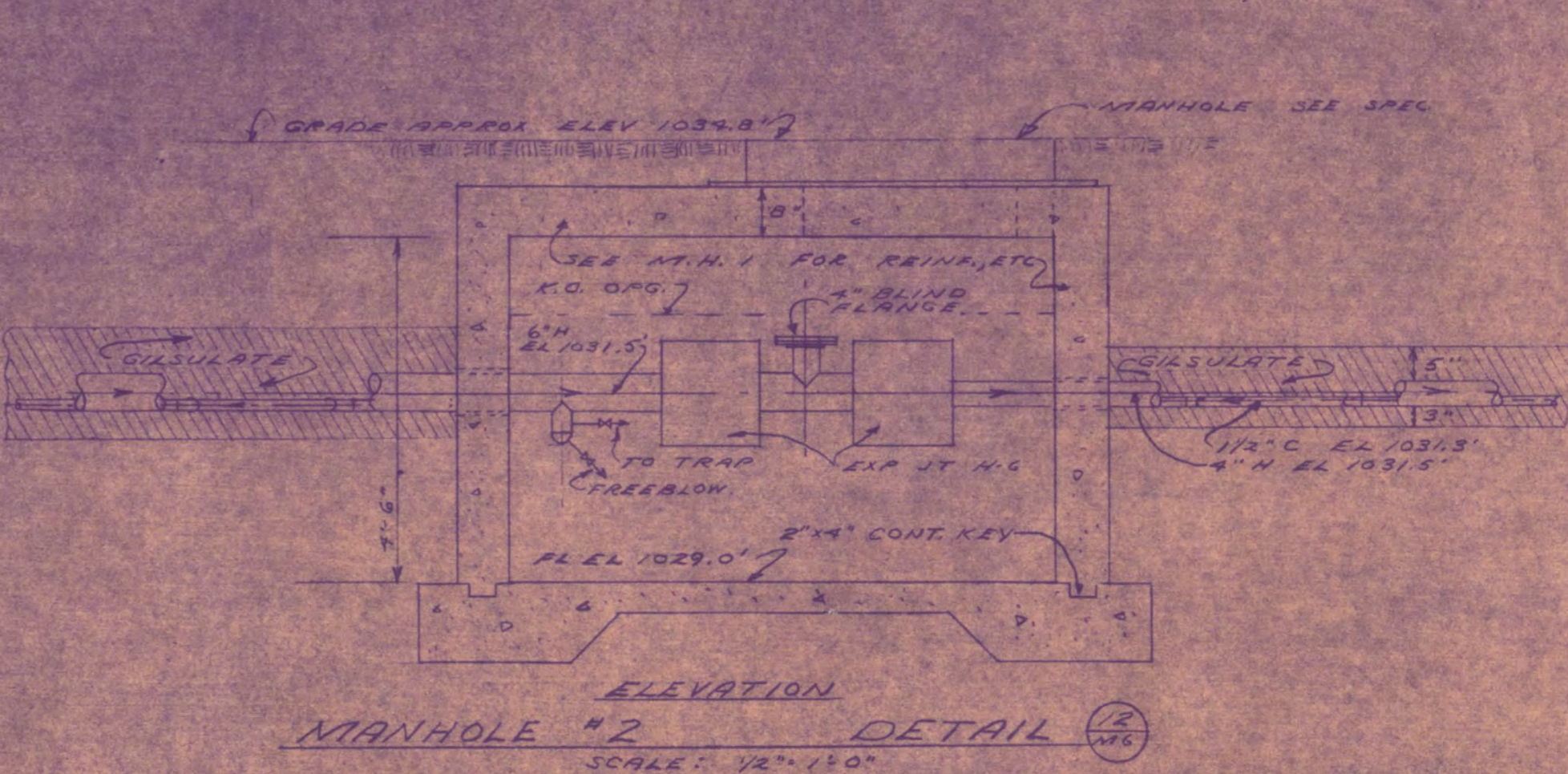
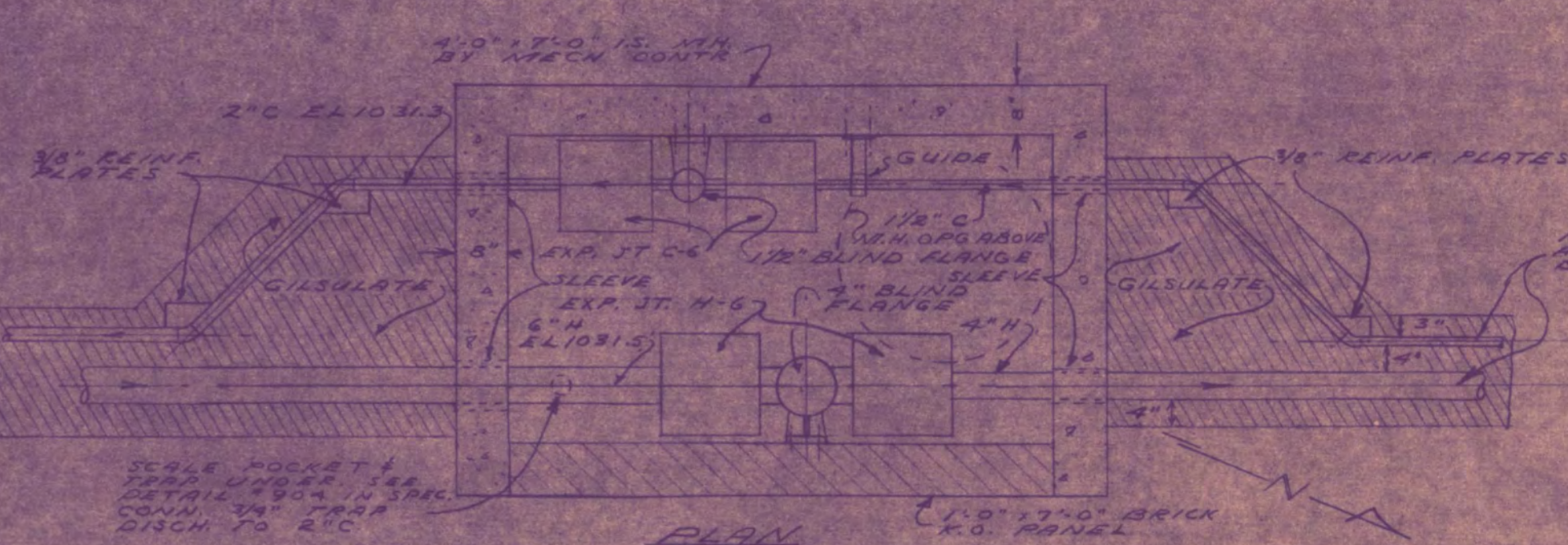
PLOT PLAN
SCALE: 1/4" = 6'-0"



PIPING & MISCELLANEOUS DETAILS FOR ALTERNATE NUMBER NT-1



PIPING & MISCELLANEOUS DETAILS FOR ALTERNATE NUMBER NT-2



PIPING & MISCELLANEOUS DETAILS FOR ALTERNATE NUMBER NT-1

GIRLS DORMITORY ST. CLOUD STATE COLLEGE ST. CLOUD, MINNESOTA			
DATE: 12-3-17	JACKSON HANN ASSOCIATES, INC. ST. CLOUD, MINNESOTA	SHEET NO. N-6	OF 6
DRAWN BY: W.R.	ORA SCHLIER, WATERLOO & ASSOCIATES, INC. CONV. NO. 1041111	PROJECT NO.	E-1A
DATE: 5-1-19	APPROVED BY:	APPROVED BY:	APPROVED BY:

CONCRETE COLUMN AND FOOTING SCHEDULE

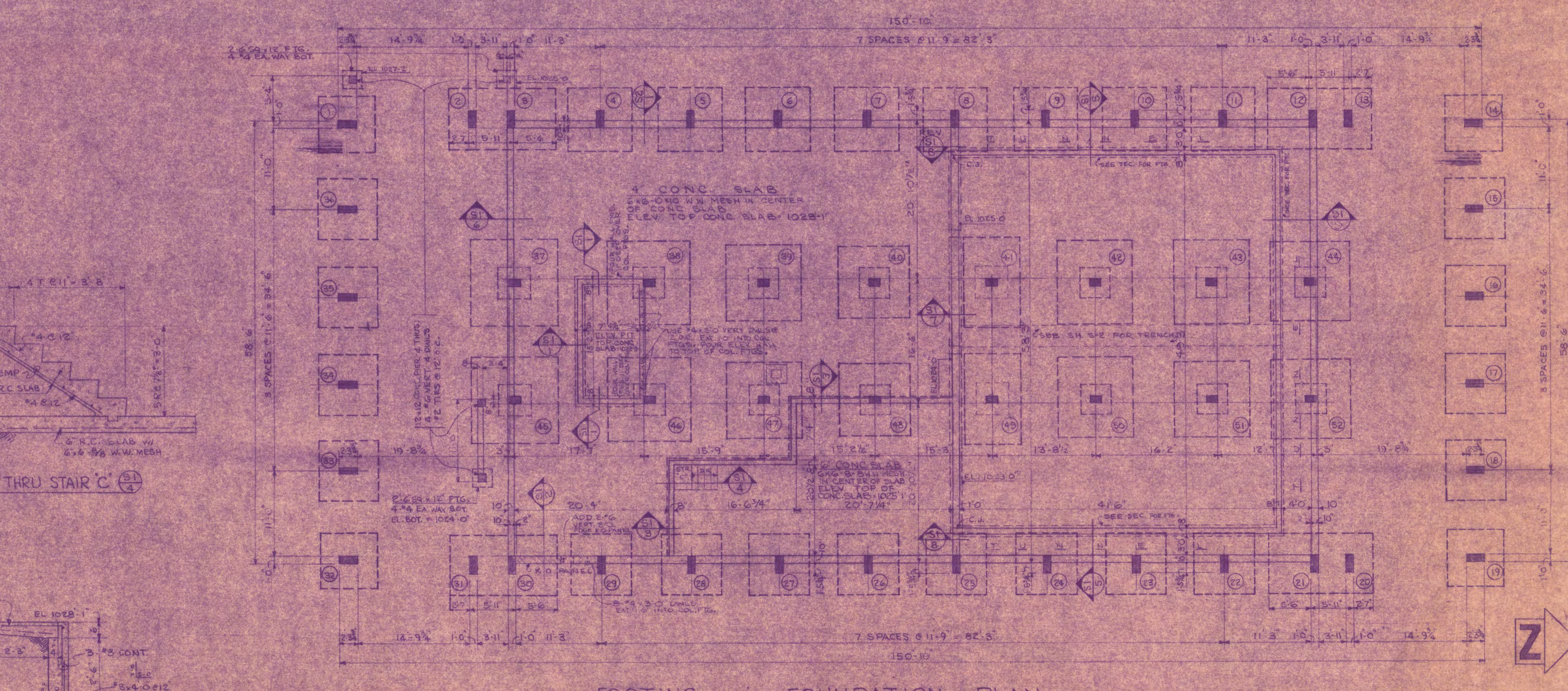
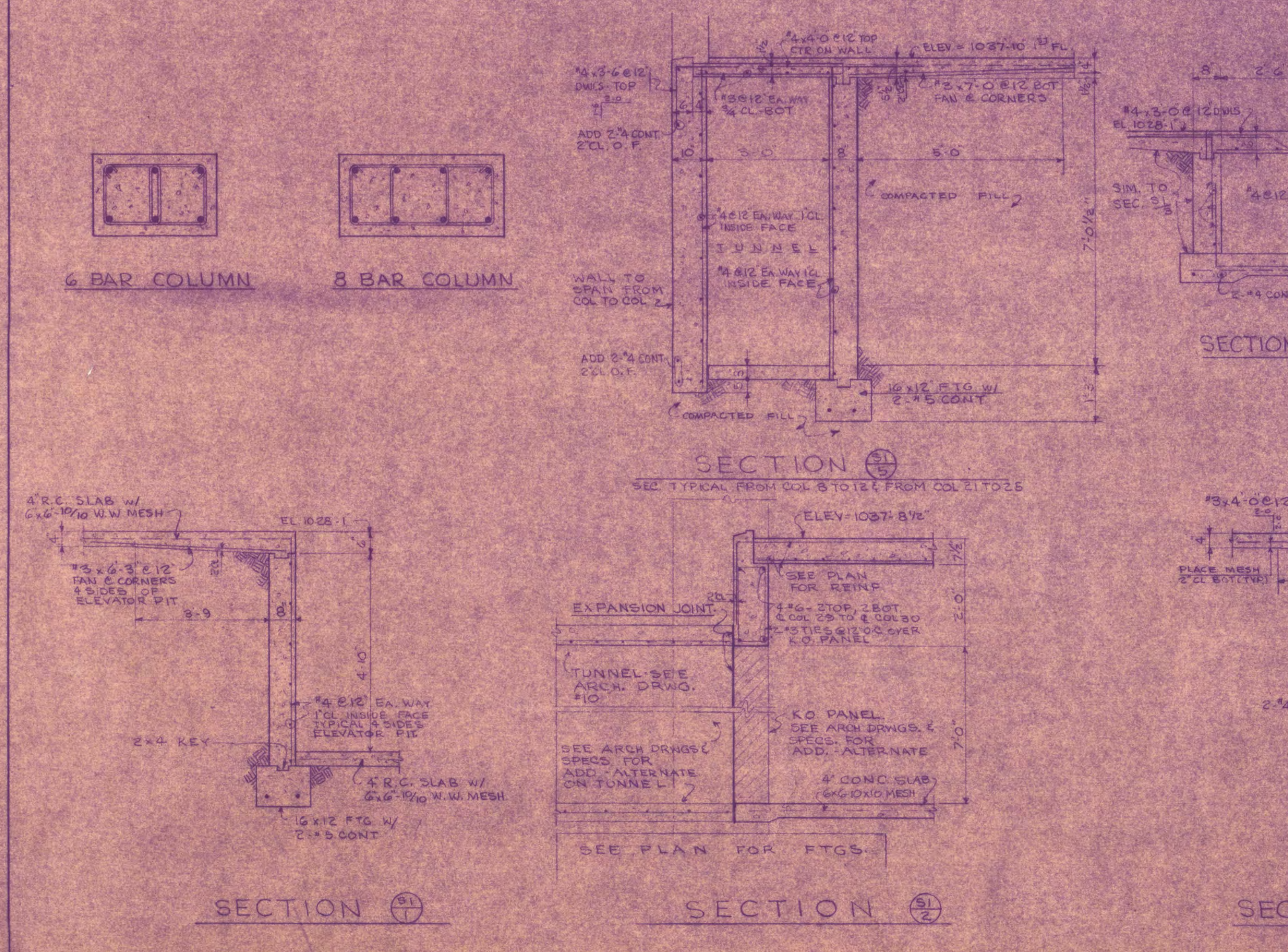
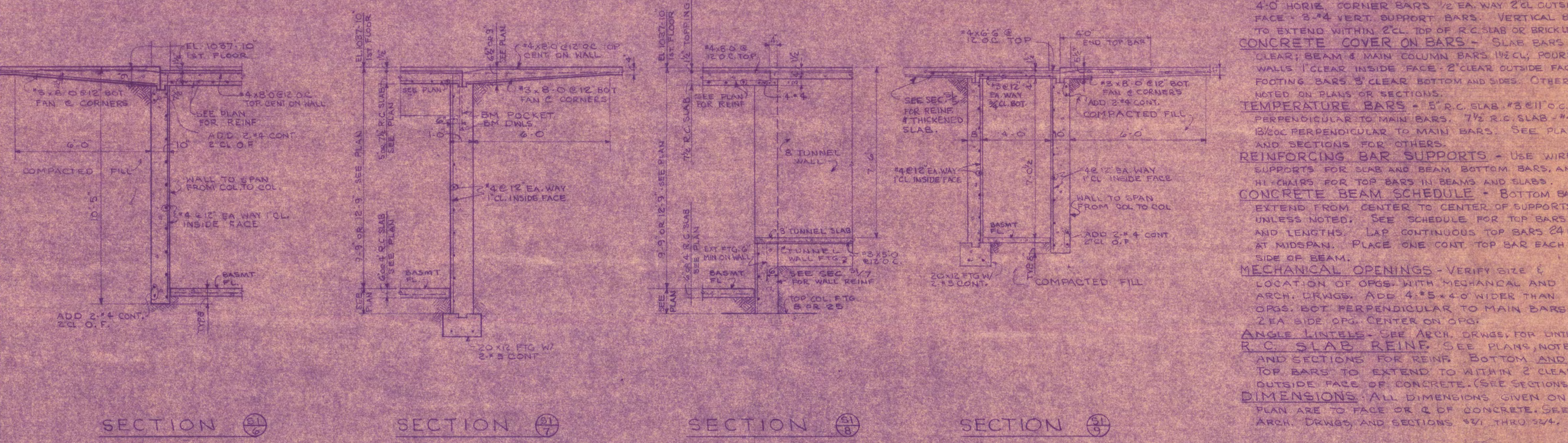
COLUMN NUMBER	1-14-19-32	2-13-20-31	3-12-21-30	4 THRU 11-22 THRU 23	15 THRU 18-33 THRU 36	37-45	38-46	39-47	40-48	41-49	42-50	43-51	44-52
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	16	8	33	24	25	80	105	55	41	38	38	41	44
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	84	37	132	101	105	215	225	123	153	142	146	153	164
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	20	51	181	140	145	287	266	217	209	194	200	209	223
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	152	65	230	178	185	356	347	271	265	246	254	265	282
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	187	80	280	217	225	425	408	325	321	308	321	321	341
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	221	94	323	255	265	494	467	379	377	350	342	377	400
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	285	109	378	294	305	563	550	433	433	402	416	433	457
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	339	124	431	356	347	632	591	487	489	454	470	487	518
COL. SIZE	27 1/2 x 12	12 x 27 1/2	12 x 27 1/2	12 x 27 1/2	27 1/2 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
VERT. BARS	6 #6	6 #6	6 #6	6 #6	6 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6	4 #6
TIES @ 12"	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	2 SETS #2	#2	#2	#2	#2	#2	#2	#2	#2
COL. LOAD (KIPS)	398	135	493	396	357	734	688	544	551	511	529	529	570

COLUMN AND FOOTING SCHEDULE NOTES: First dimension given left to right (south to north) direction. TOP CAP AND FOOTING MUST BE POURED TOGETHER. COLUMNS IN WALLS ARE SHOWN FOR REINFORCING PURPOSES ONLY AND MUST BE POURED WITH THE WALLS. EXTEND COLUMN BARS SAME NO. AS IN COLUMN ABOVE. 30 DIA ABOVE R.C. SLAB EXCEPT TO WITHIN 2" TOP OF ROOF SLABS. SEE BELOW FOR 6 BAR COLUMN DETAILS. TIES. EXTEND DOWELS 30 DIA INTO COLUMNS & 30 DIA INTO FOOTINGS W/ R/G MIN. RADIUS BEND. SEE 88 FOR STEEL PENTHOUSE COLUMNS.
NOTE: VERT. REIN. & DOWLS TO BE A432 Fy = 40,000 PSI. TIES & FOOTING REIN. MAY BE A15 Fy = 40,000 PSI.
 FC = COMPRESSIVE CONCRETE STRESS IN 28 DAYS. FE = 4000 PSI. ALL FOOTINGS & COLUMNS #1 THRU #6 FROM FOOTINGS TO ROOF AND COLUMNS #7 THRU #52 FROM 7TH FLOOR TO ROOF. FC = 5,000 PSI. COLUMNS #7 THRU #52 FROM FOOTINGS TO 7TH FLOOR. ELEV. = 1027.4'

ULTIMATE STRENGTH DESIGN: CONCRETE COLUMN DESIGN BASED ON ULTIMATE STRENGTH USING A LOAD FACTOR $\gamma = 2.25$

STRUCTURAL NOTES

DESIGN DATA:
 FC = COMPRESSIVE CONCRETE STRESS IN 28 DAYS.
 FE = 4,000 PSI EXCEPT AS NOTED FOR COLUMNS.
 Fy = 40,000 PSI (A15) N.B. REIN. BARS EXCEPT AS NOTED FOR COLUMNS.
 Fy = 60,000 PSI (A432) N.B. VERTICAL REIN. BARS AND DOWELS IN COLUMNS.
 Fy = 36,000 PSI (A36) STRUCTURAL STEEL (R/S & M MAY BE A37)
LIVE LOADS: ROOF = 40 #/sq ft. MECH. ROOM = 100 #/sq ft. PENTHOUSE FLOOR 100 #/sq ft. ROOMS 40 #/sq ft. + 40 #/sq ft. FOR PARTITIONS; CORRIDORS 80 #/sq ft. STAIRS 100 #/sq ft. FIRST FLOOR 100 #/sq ft.
SOIL BEARING DESIGN VALUE 6,000 #/sq ft.
DESIGN CODES: CONCRETE - ACI BUILDING CODE. STRUCTURAL STEEL - A.I.S.C. SPECS. STEEL JOISTS - STEEL JOIST INSTITUTE SPECS. - ALL CODES LATEST EDITION.
POURED CONCRETE WALLS: USE #4 #12 @ 12" WAYS 1" CLEAR INSIDE FACE. ALL POURED CONCRETE WALLS. USE SECTIONS FOR ADDED REIN. #4 @ 4" HORIZ. CORNER BARS 1/2 EA. WAY @ 2'0" OUTSIDE FACE + 3" VERT. SUPPORT BARS. VERTICAL BARS TO EXTEND WITHIN 2" CL. TOP OF R.C. SLAB OR BRICKLEDGE CONCRETE COVER ON BARS - SLAB BARS 3/4" CLEAR; BEAM & MAIN COLUMN BARS 1 1/2" CLEAR. POURED WALLS 1" CLEAR INSIDE FACE; 2" CLEAR OUTSIDE FACE; FOOTING BARS 3" CLEAR BOTTOM AND SIDES. OTHERS NOTED ON PLANS OR SECTIONS.
TEMPERATURE BARS: 5" R.C. SLAB. #3 @ 12" PERPENDICULAR TO MAIN BARS. 7" R.C. SLAB #4 @ 8" @ 12" PERPENDICULAR TO MAIN BARS. SEE PLANS AND SECTIONS FOR OTHERS.
REINFORCING BAR SUPPORTS: USE WIRE SUPPORTS FOR SLAB AND BEAM BOTTOM BARS, AND HI CHAIRS FOR TOP BARS IN BEAMS AND SLABS. EXTEND FROM CENTER TO CENTER OF SUPPORTS UNLESS NOTED. SEE SCHEDULE FOR TOP BARS AND LENGTHS. LAP CONTIGUOUS TOP BARS 24" DIA. AT MIDSPAN. PLACE ONE CONT. TOP BAR EACH SIDE OF BEAM.
MECHANICAL OPENINGS: VERIFY SIZE & LOCATION OF OPEN. WITH MECHANICAL AND ARCH. DRGWS. ADD 4" x 5" x 4" WIDER THAN OPEN. BOT. PERPENDICULAR TO MAIN BARS. 2" EA. SIDE OPEN. CENTER ON OPEN.
ANGLE LITELS: SEE ARCH. DRGWS. FOR UNITS.
R.C. SLAB REIN: SEE PLANS, NOTES AND SECTIONS FOR REIN. BOTTOM AND TOP BARS TO EXTEND TO WITHIN 2" CLEAR OUTSIDE FACE OF CONCRETE. (SEE SECTIONS).
DIMENSIONS: ALL DIMENSIONS GIVEN ON PLAN ARE TO FACE OR C. OF CONCRETE. SEE ARCH. DRGWS. AND SECTIONS #171 THRU #247.



GIRLS DORMITORY
 ST. CLOUD STATE COLLEGE
 ST. CLOUD, MINNESOTA

COMP. BY: JACOBSON ASSOCIATES, INC.
 ST. CLOUD, MINNESOTA

DESIGNED BY: SCHUETT-MEIER CO.
 STRUCTURAL ENGINEERS
 631 W. WYAZATA BLDG., MRS. MINN.

DATE: MAY 1954

APPROVED BY: [Signature]

APPROVED BY: [Signature]

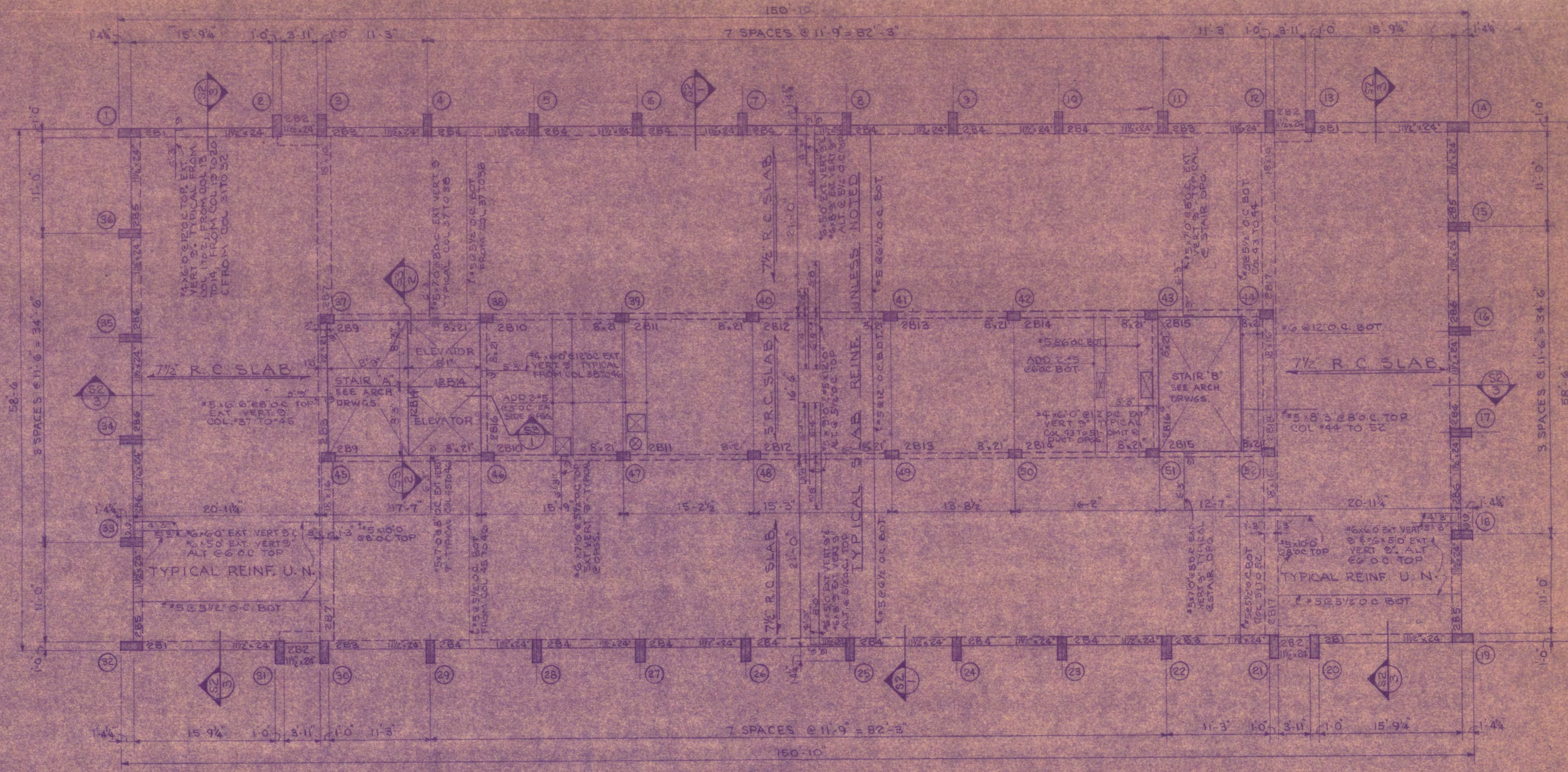
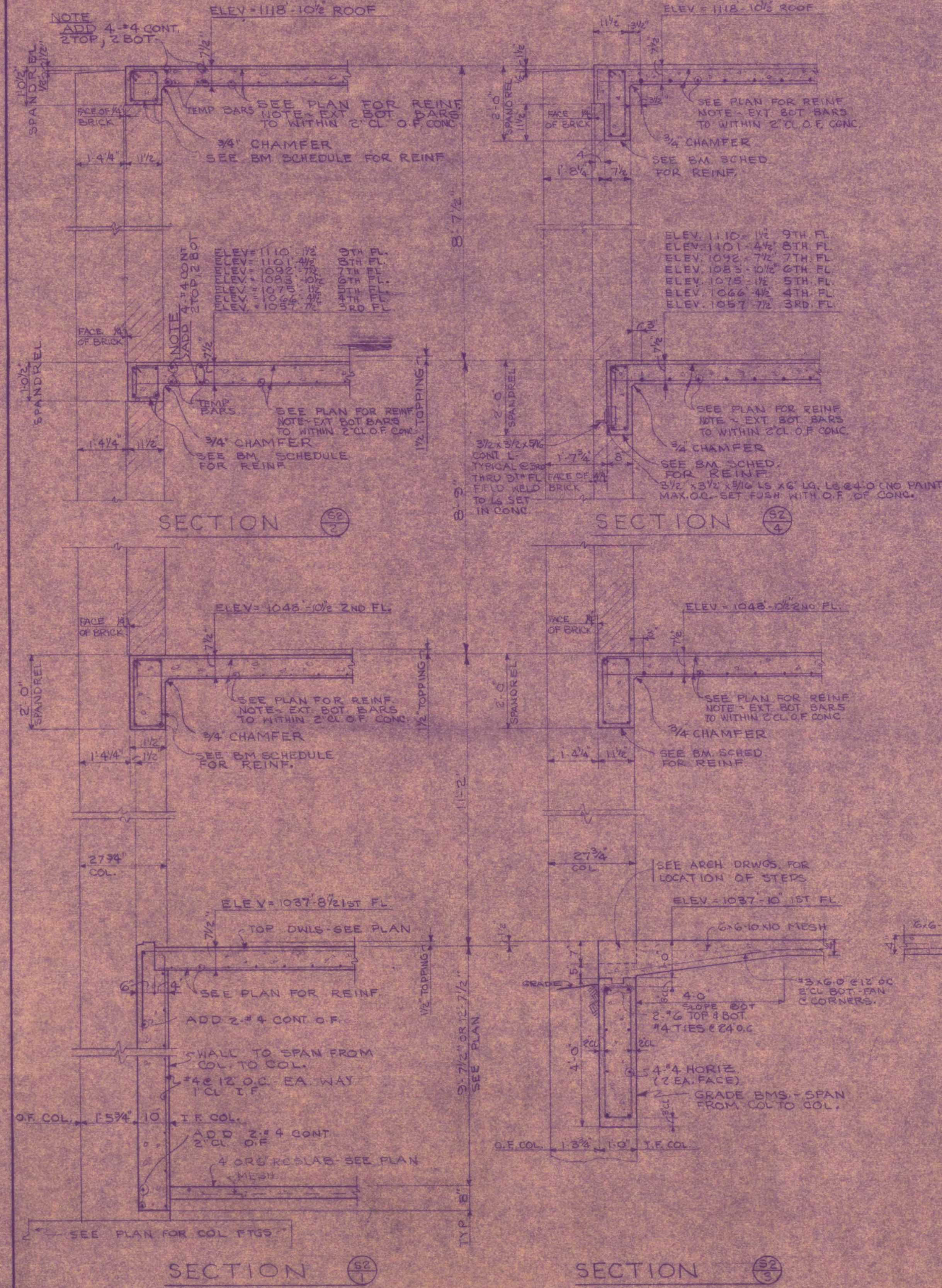
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SHEET NO. 51 OF 3
 PROJECT NO. E-1A

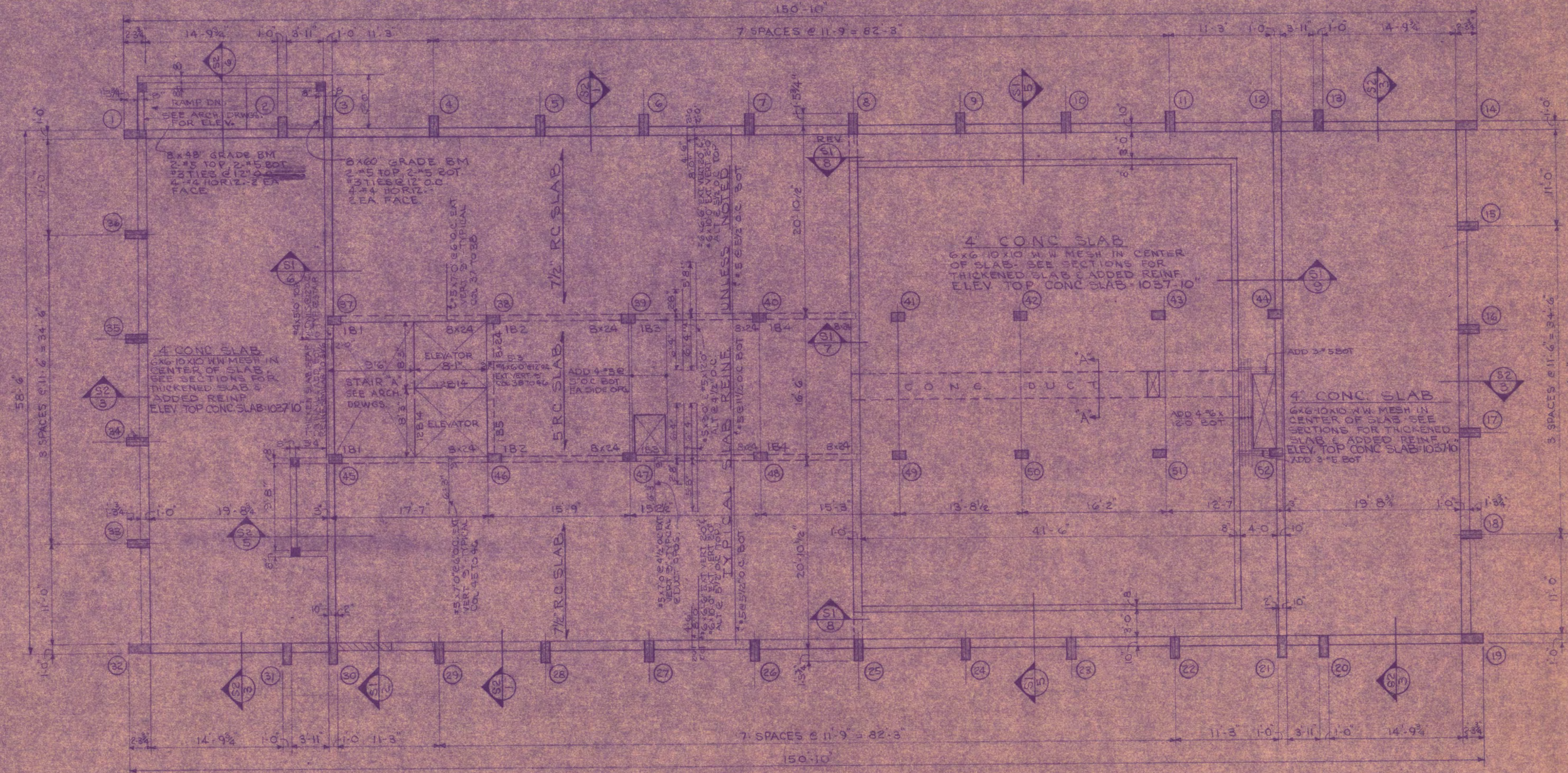
CONCRETE BEAM SCHEDULE

BEAM NUMBER	SPAN	W.	D.	SIZE	NO.	TOP BARS	STIRRUPS OR TIES	REMARKS
2B1	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B2	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B3	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B4	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B5	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B6	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B7	11'-2"	24"	18"	2	2	*6 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B8	12'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B9	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B10	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B11	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B12	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B13	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B14	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B15	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B16	8'	21"	17"	2	2	*10 18" @ COLS 39'-4"	12 #3 2@6 2@7 2@12	T
2B17	15'	16"	12"	2	2	*8 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T
2B18	15'	16"	12"	2	2	*8 CONTAIN 2' CL PART OF COLS	10 #3 7@12	T

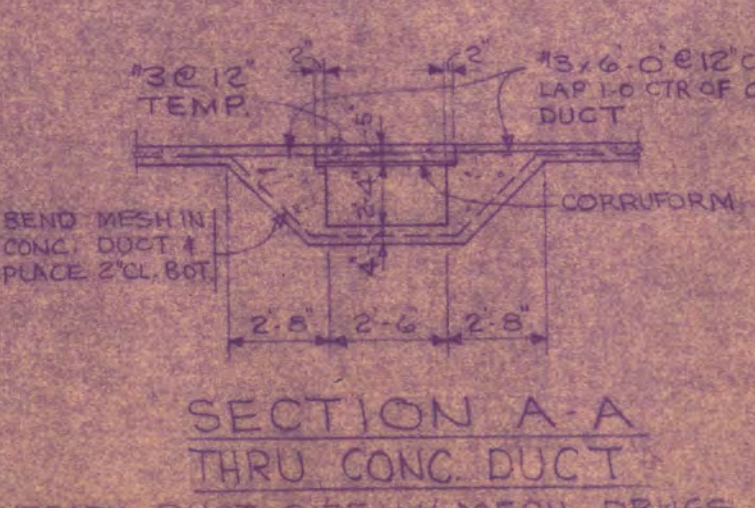
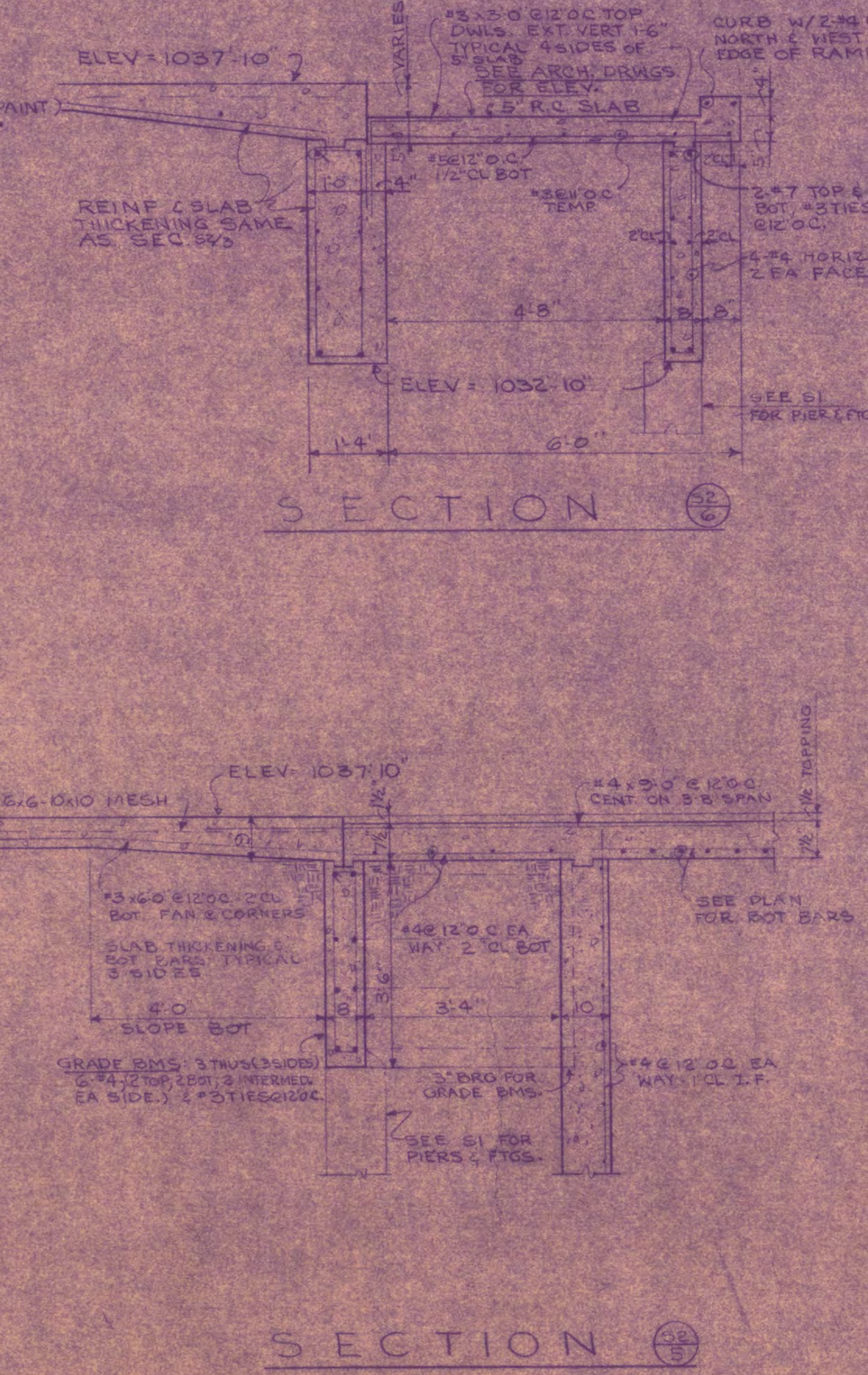
TOP BARS 24 DIA. FROM EMS. 27.88 @ COLS 37.44, 45.52 FROM EMS. 30.11 @ COLS 38.46
 PLACE N TOP BARS @ COLS 37.44 @ ELEV. EAST WEST TOP BARS
 PLACE S TOP BARS @ COLS 38.46 @ ELEV. NORTH SOUTH TOP BARS
 SEE STRUCTURAL NOTES ON SHEET S1 FOR CONCRETE BEAM SCHEDULE NOTES.



SECOND FLOOR FRAMING PLAN



FIRST FLOOR FRAMING PLAN



GIRLS DORMITORY
 ST. CLOUD STATE COLLEGE
 ST. CLOUD, MINNESOTA

JACKSON-HAHN ASSOCIATES, INC.
 ARCHITECTS
 MINNESOTA

SCHUETT-MEIER CO.
 STRUCTURAL ENGINEERS
 631 W. WATKINS BLVD., APT. 300, MINN.

DATE: 11/15/58
 APPROVED BY: [Signature]
 APPROVED BY: [Signature]

SHEET NO. **S2**
 OF 3
 PROJECT NO. E-1A

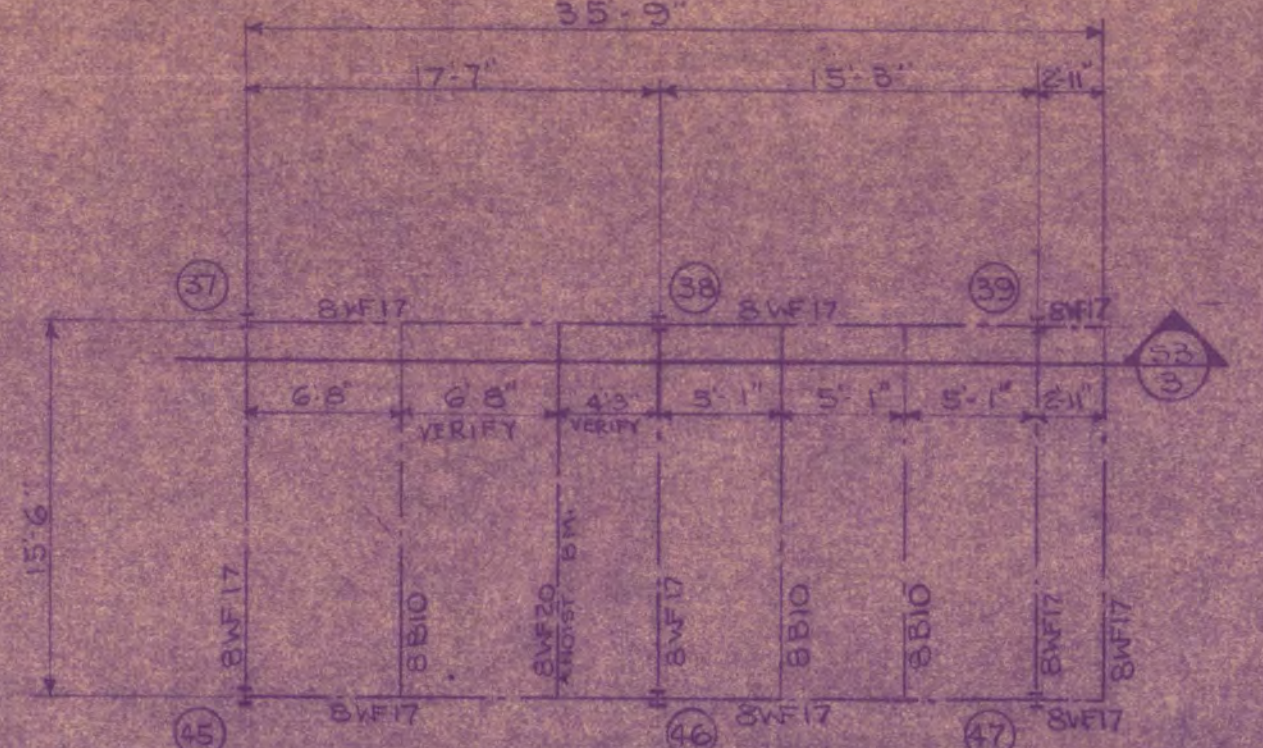
65113

CONCRETE BEAM SCHEDULE

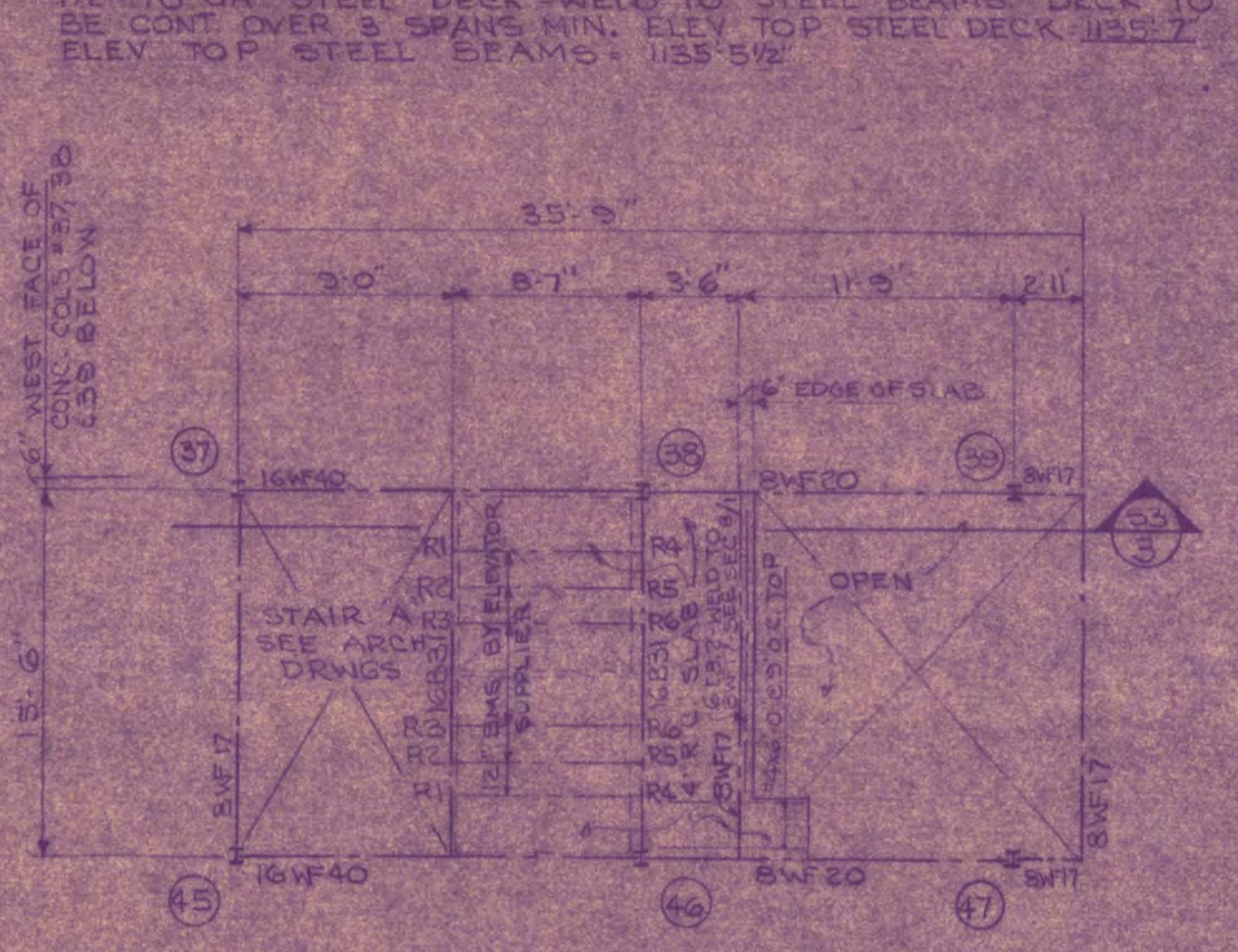
BEAM NUMBER	BM SIZE	STR. NOT. NO.	TOP BARS	STIRRUPS OR TIES	REMARKS
RB1	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB2	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB3	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB4	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB5	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB6	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB7	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB8	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB9	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB10	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB11	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB12	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB13	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB14	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB15	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.
RB16	11 1/2 x 24	2	2 #6	CONT. FR. 2' CL. FR. FOR COL. 1A	#5 @ 18" O.C.

B1	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B2	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B3	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B4	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B5	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B6	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B7	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B8	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B9	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B10	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B11	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B12	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B13	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B14	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B15	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.
B16	8" x 21"	#8	2	#4	CONT. FR. 2' CL. FR. FOR COL. 1A	#3 @ 18" O.C.

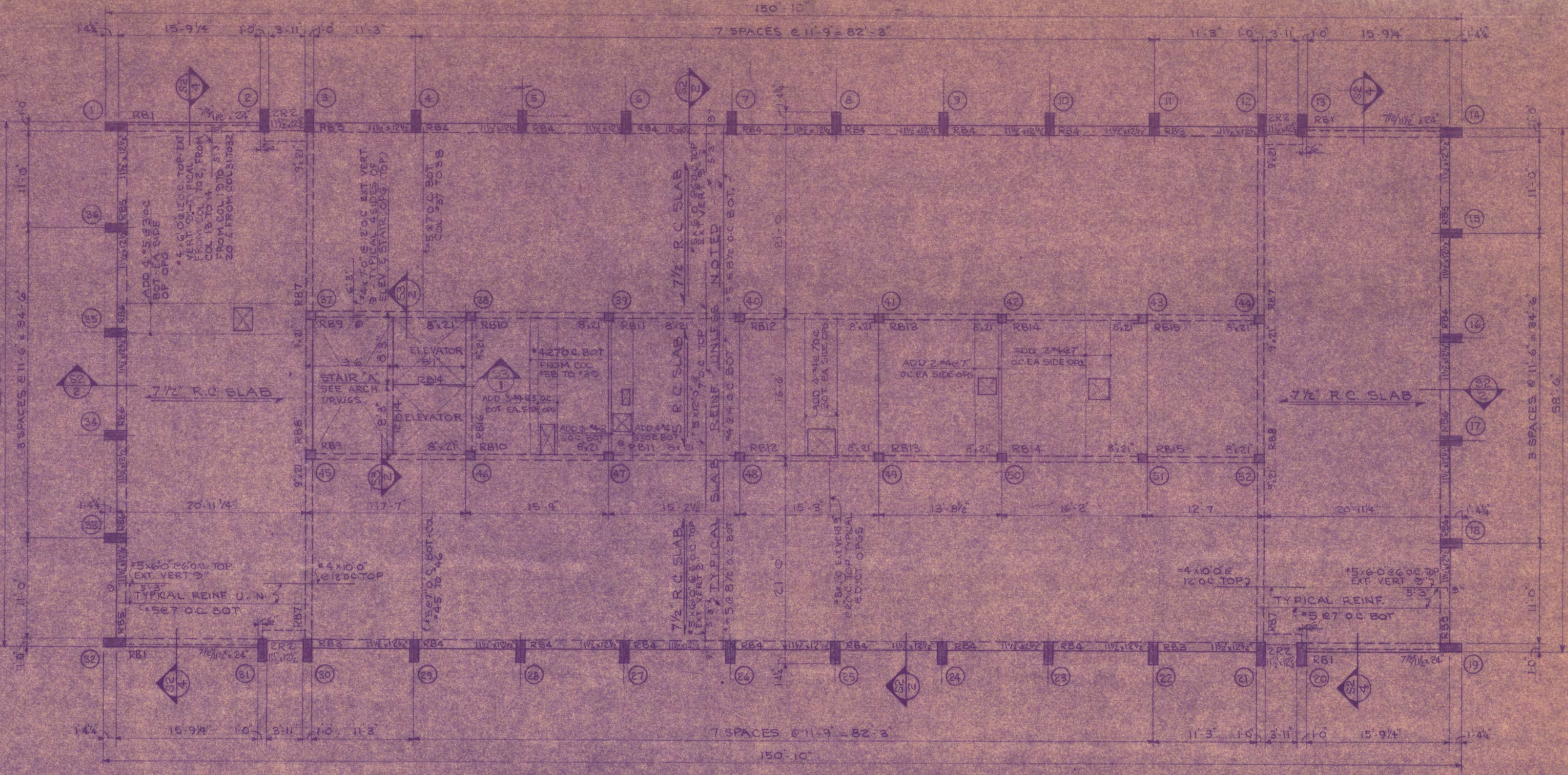
LAP BOT BARS @ 4 DIA. FROM ENG. 57-58 @ COLS 37-44. 45-52
 FROM ENGS. 59-60 @ COLS 38-44
 PLACE N-S TOP BARS @ COLS 37, 45, 44, 52. S-BELOW EAST WEST TOP BARS
 PLACE E-W TOP BARS @ COLS 38, 43, 46, 51. BELOW NORTH-SOUTH TOP BARS.
 SEE STRUCTURAL NOTES ON SHEET 51 FOR CONCRETE BEAM SCHEDULE NOTES.



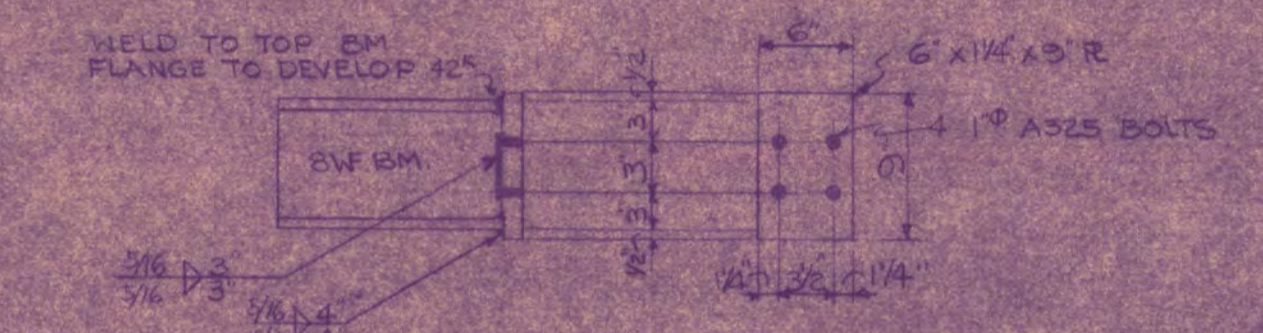
PENTHOUSE ROOF FRAMING PLAN
 WELDS ON STEEL DECK WELD TO STEEL BEAMS. DECK TO BE CONT. OVER 3 SPANS MIN. ELEV. TOP STEEL DECK JMS 7' ELEV. TOP STEEL BEAMS @ 1185.512'



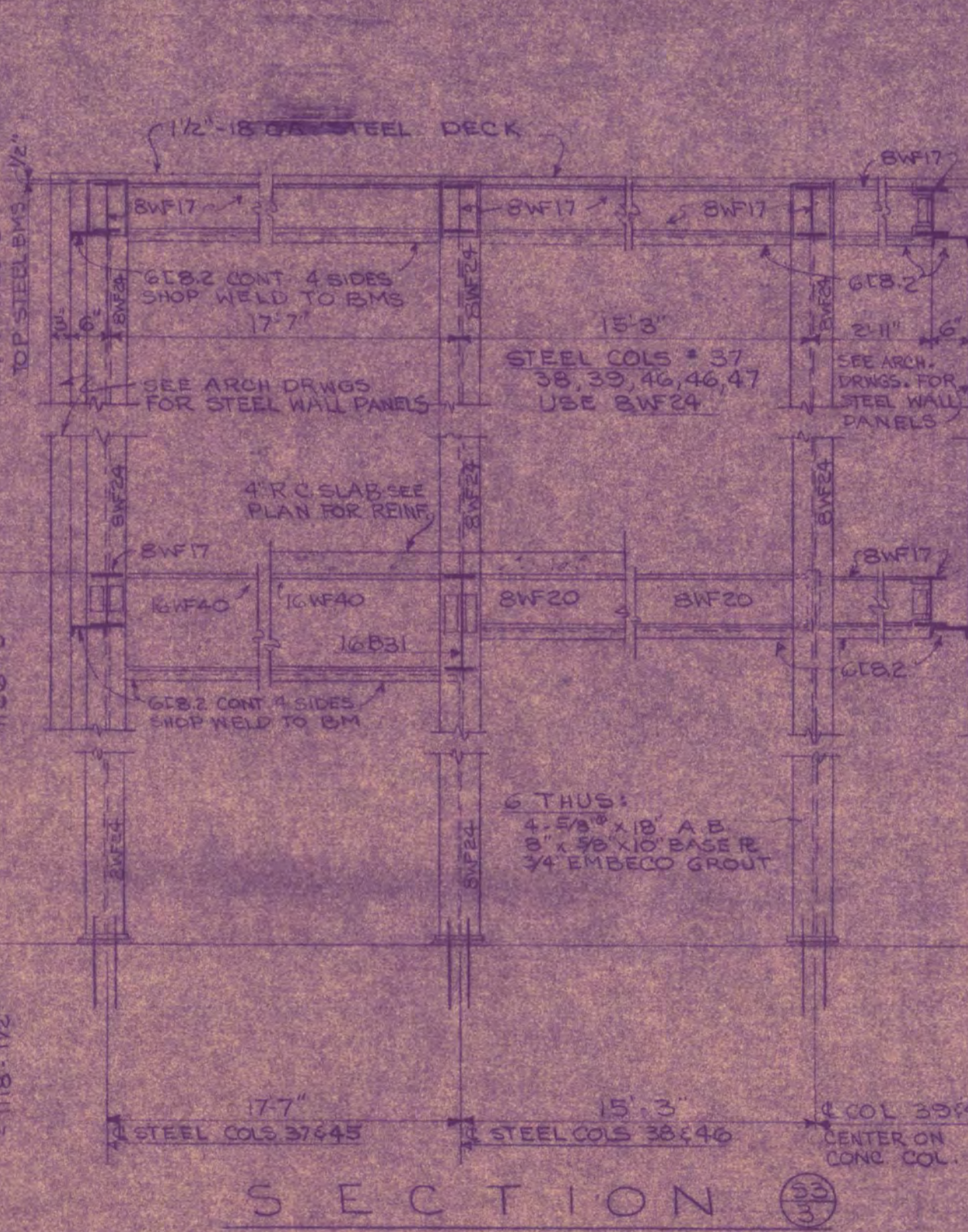
MACH. ROOM FL FRAMING PLAN
 ELEV. TOP OF R.C. SLAB @ 1127.1'. USE #4 @ 6" EA WAY TO COL. IN R.C. SLAB. ELEV. TOP STEEL BEAMS @ 1126.0'. ELEVATOR REACTIONS: R1-12.7', R2-8.5', R3-4.2', R4-9.7', R5-15', R6-4.2'.



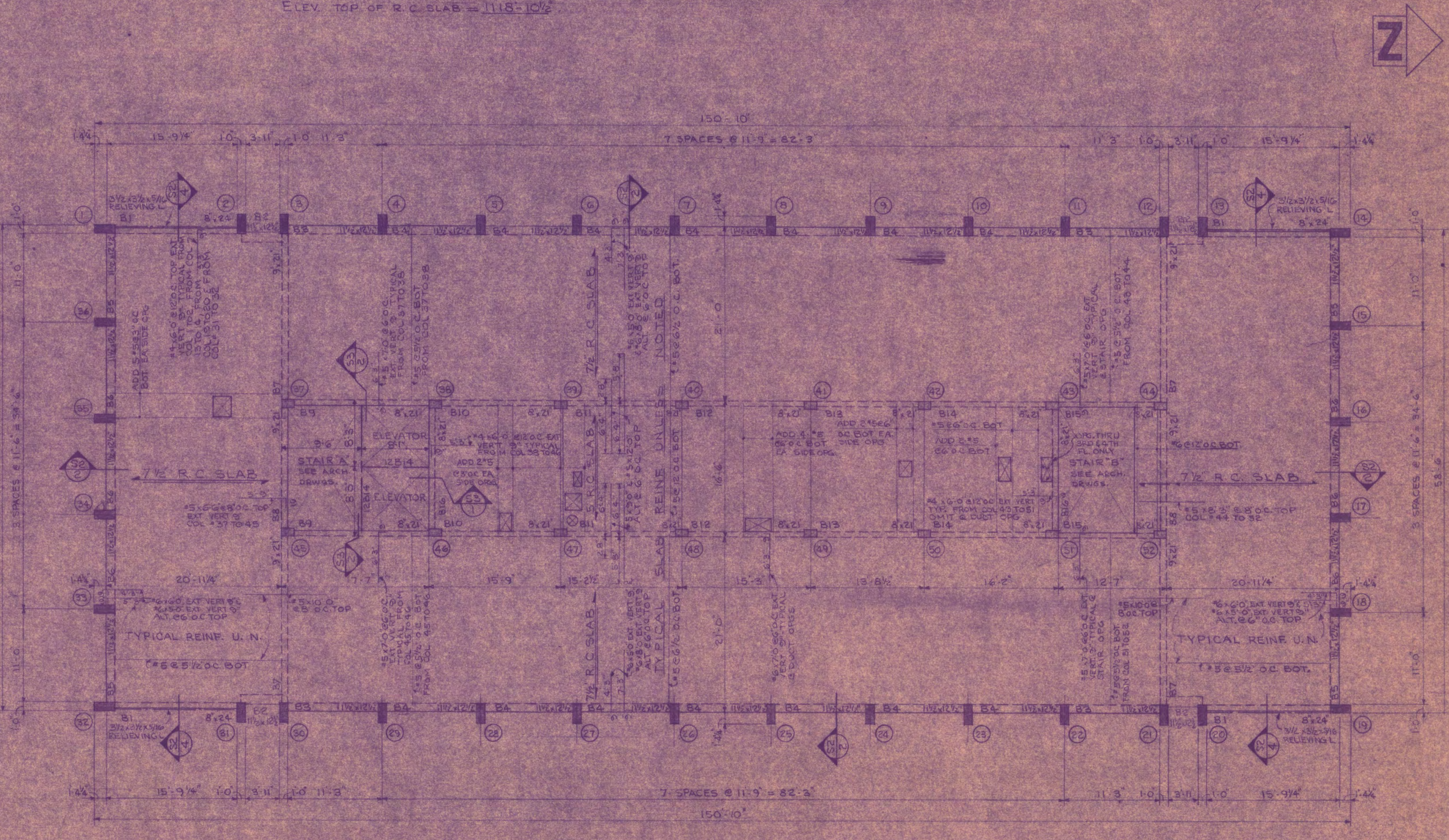
ROOF FRAMING PLAN
 ELEV. TOP OF R.C. SLAB @ 1118.102'



8 W F BEAM TO COLUMN CONNECTION
 USE FRICTION TYPE RIGID CONNECTIONS FOR W/F BEAMS TO COLS. IN PENTHOUSE ROOF AND FOR SWFTS TO COLS. IN 1ST FLOOR. ELEV. @ 1126.5'. USE SIMPLE CONN. FOR OTHER STEEL BEAMS TO STEEL COLS.

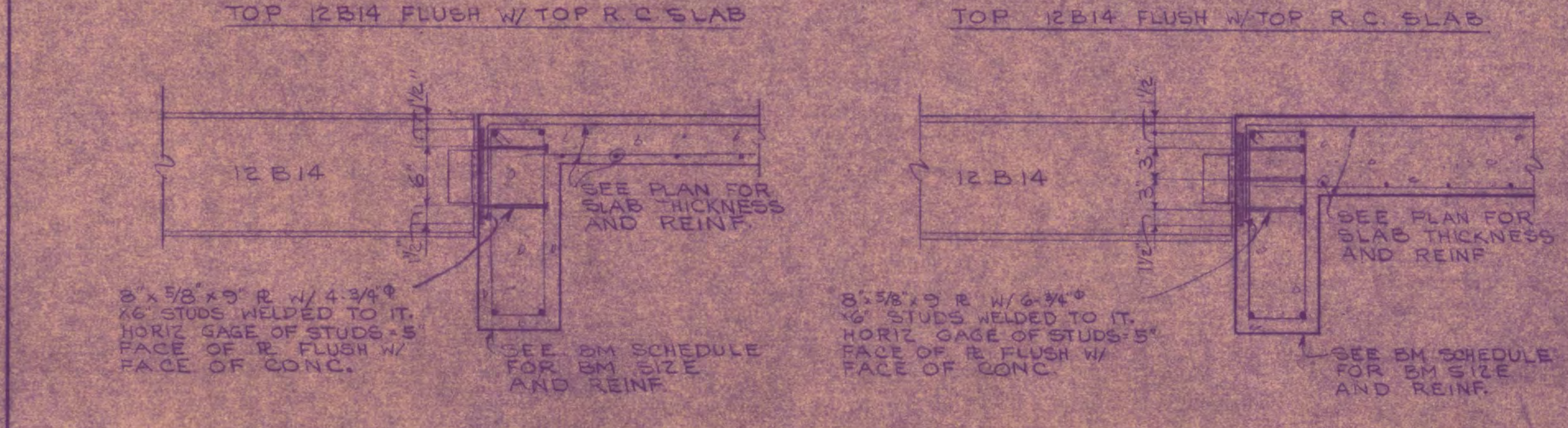


SECTION 36

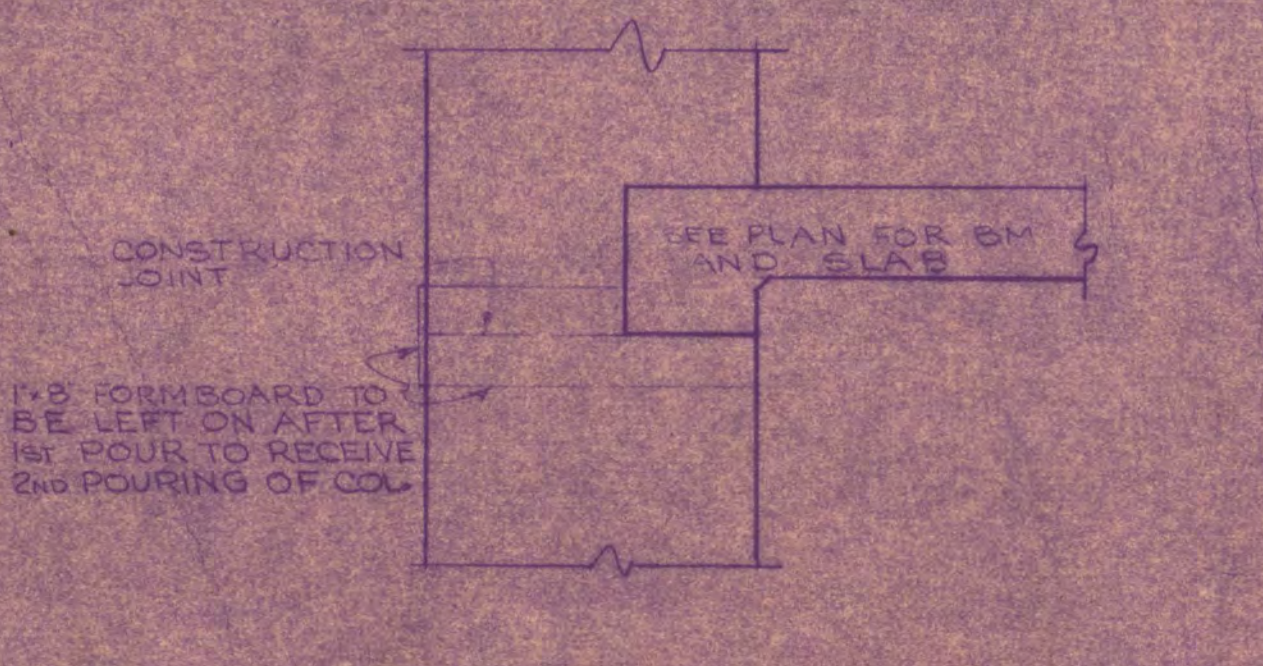


THIRD FLOOR THRU NINTH FLOOR FRAMING PLANS

ELEV. TOP OF R.C. SLAB = 1057.7'	3 RD FLOOR
ELEV. TOP OF R.C. SLAB = 1066.42'	4 TH FLOOR
ELEV. TOP OF R.C. SLAB = 1075.12'	5 TH FLOOR
ELEV. TOP OF R.C. SLAB = 1083.82'	6 TH FLOOR
ELEV. TOP OF R.C. SLAB = 1092.52'	7 TH FLOOR
ELEV. TOP OF R.C. SLAB = 1101.22'	8 TH FLOOR
ELEV. TOP OF R.C. SLAB = 1110.0'	9 TH FLOOR



SECTION 37 SECTION 38



TYPICAL COLUMN CONST. JOINT

GIRLS DORMITORY
 ST. CLOUD STATE COLLEGE
 ST. CLOUD, MINNESOTA

JACKSON-HAHN ASSOCIATES, INC.
 ARCHITECTS

SCHUETT-METIER CO.
 STRUCTURAL ENGINEERS
 631 W. WYDENA BLVD., MILWAUKEE, WIS.

DATE: MAY 1, 1946
 PROJECT NO: E-1A

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