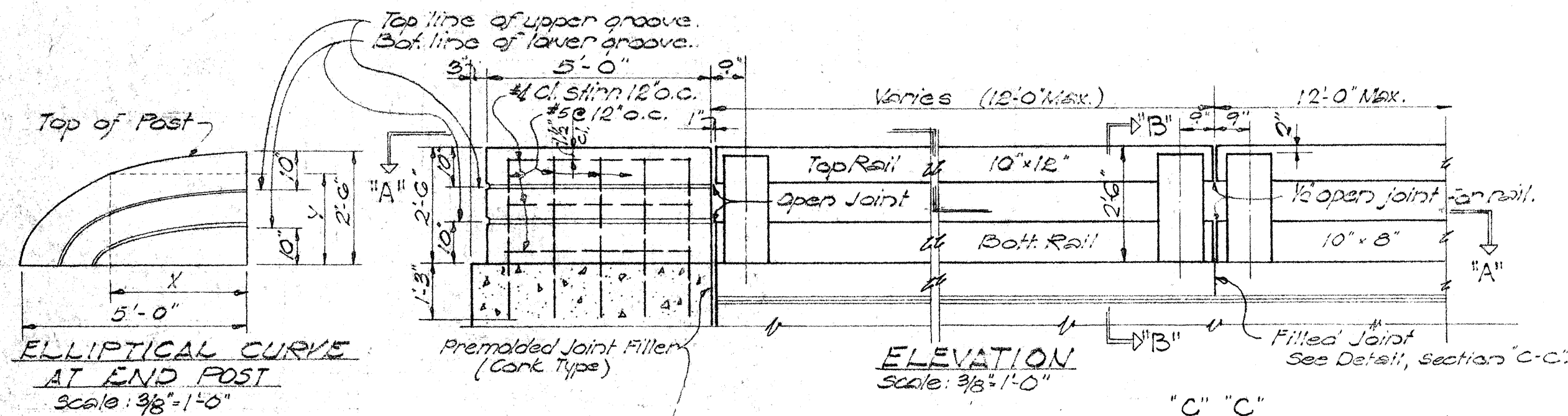


Revised
June 64
April 65



Top of Post

X	0	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	4'-10"	5'-0"
Y	2'-6"	2'-5 1/8"	2'-4 1/4"	2'-3 1/2"	2'-2"	2'-0"	1'-10 1/2"	1'-6"	1'-3 1/2"	0'-8 1/2"	0"

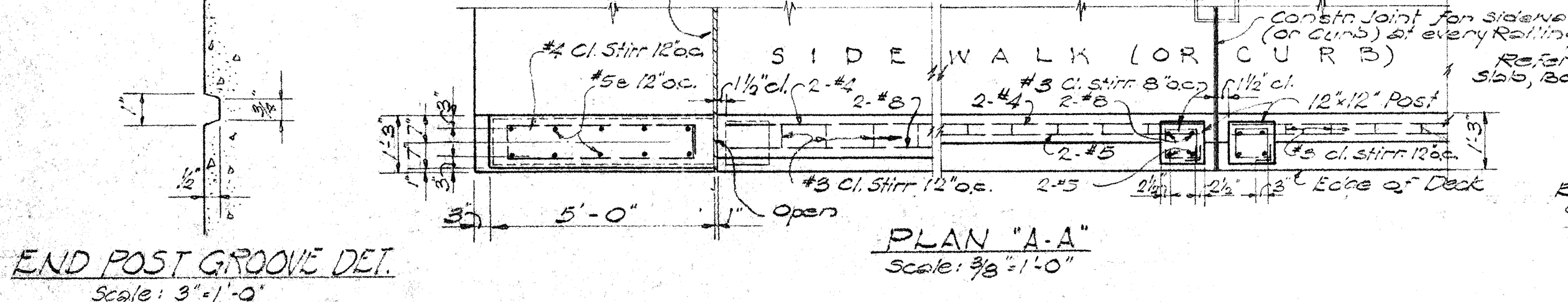
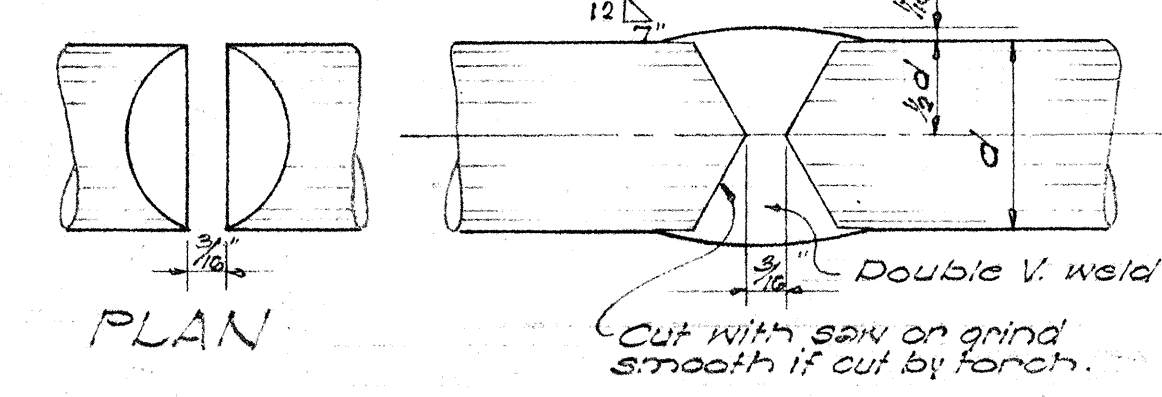
Top Line of Upper Groove

X	0	0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	3'-10"	4'-0"	4'-1"
Y	1'-8"	1'-7 3/8"	1'-7 1/8"	1'-6 1/2"	1'-5 1/8"	1'-4"	1'-3 1/8"	1'-0 1/2"	10 3/8"	8 1/8"	5 3/8"

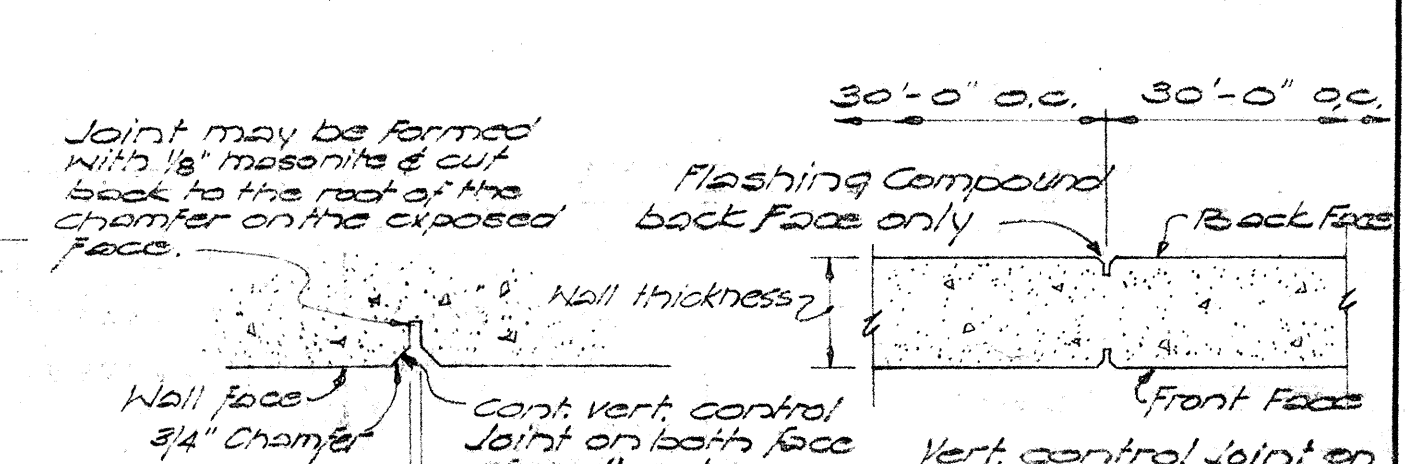
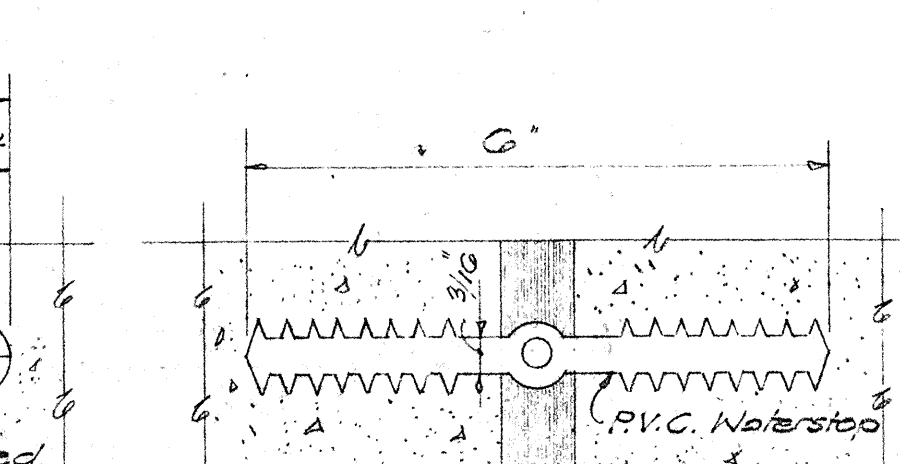
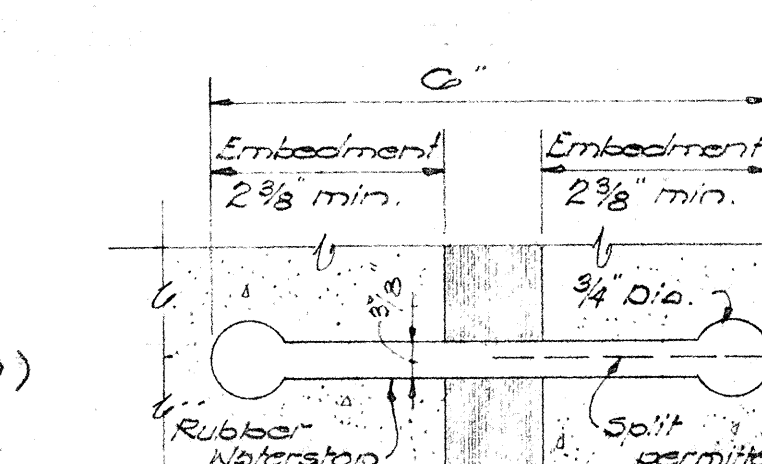
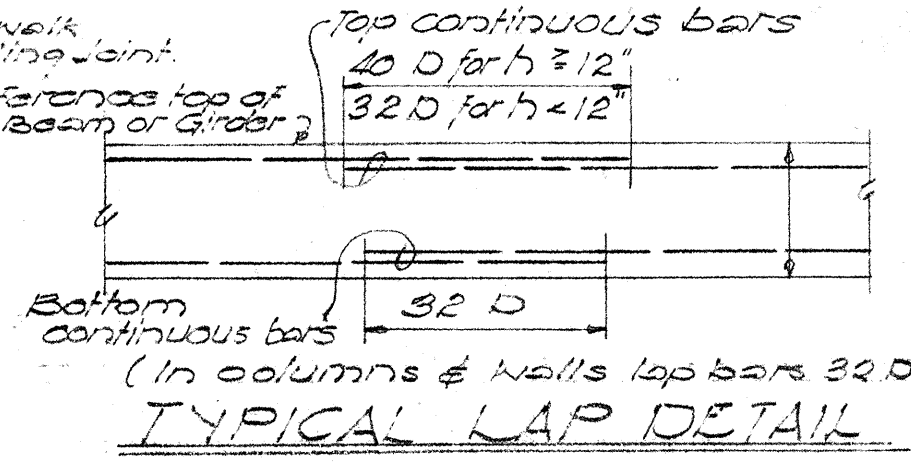
Bottom Line of Lower Groove

X	0	0"	1'-0"	1'-6"	2'-0"	2'-6"	3'-0"	3'-6"	3'-10"	4'-0"	4'-1"
Y	10"	9 1/8"	9 1/8"	8 1/2"	8"	6 5/8"	5 3/8"	4 3/8"	3 1/2"	2 1/2"	0"

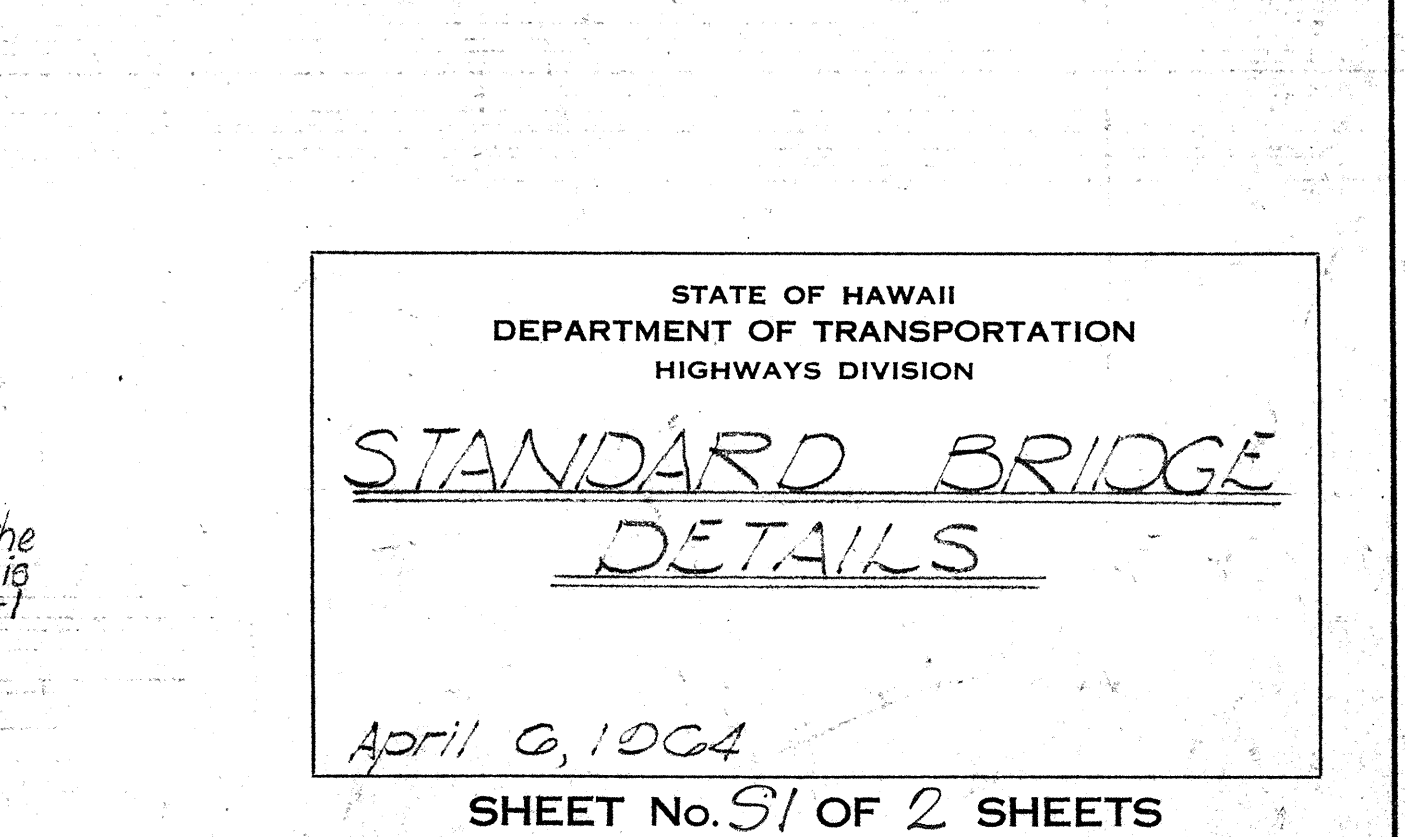
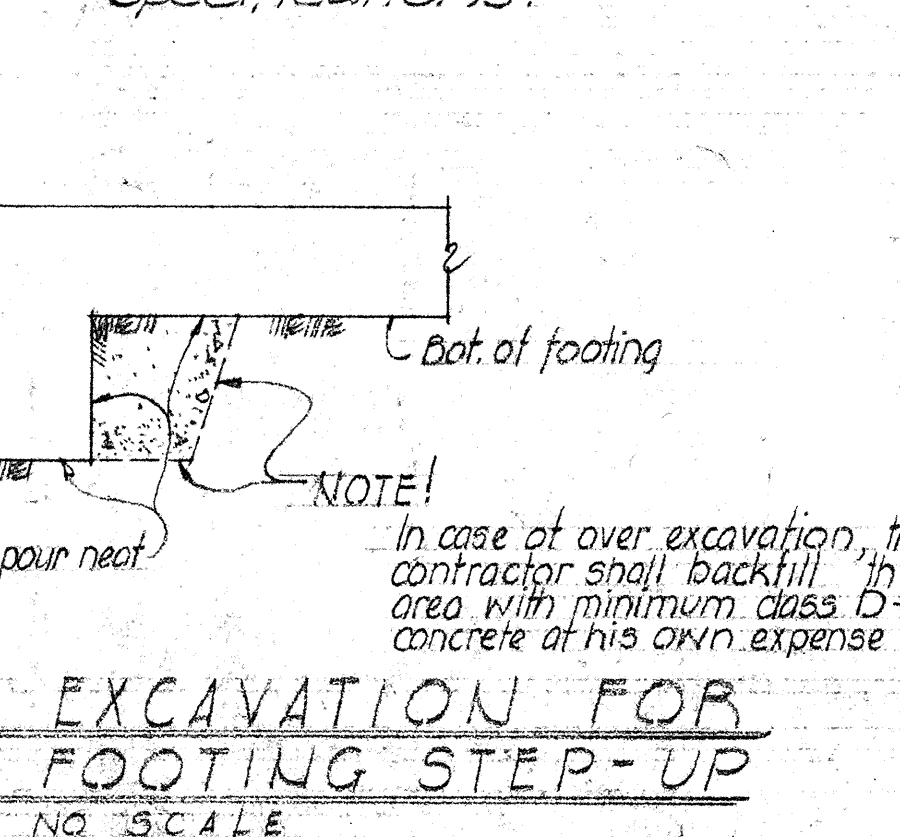
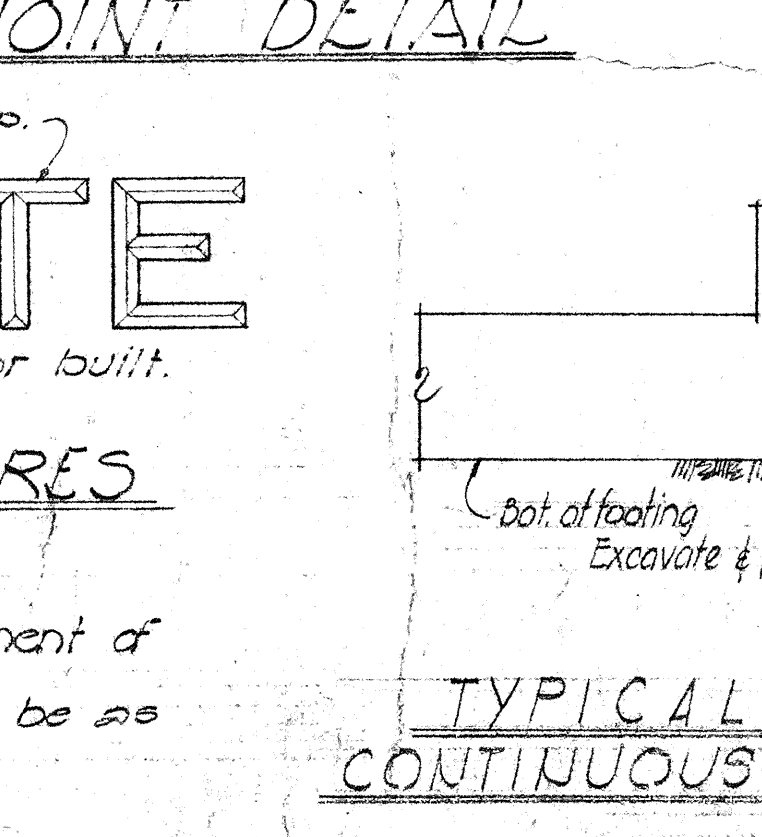
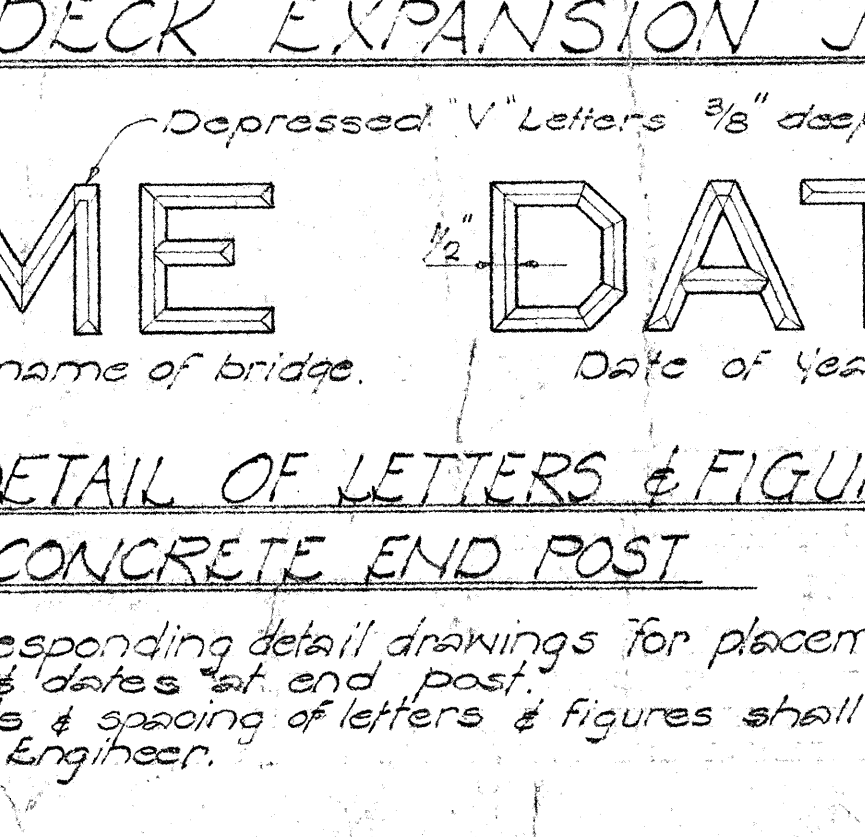
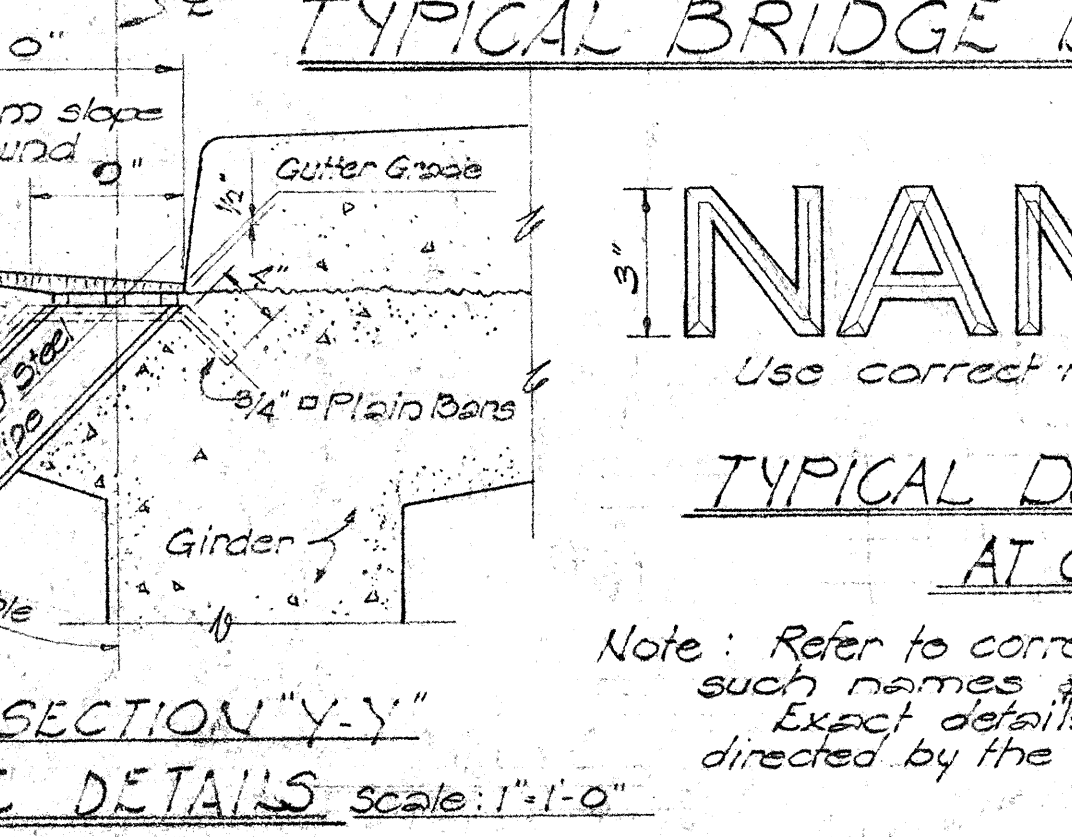
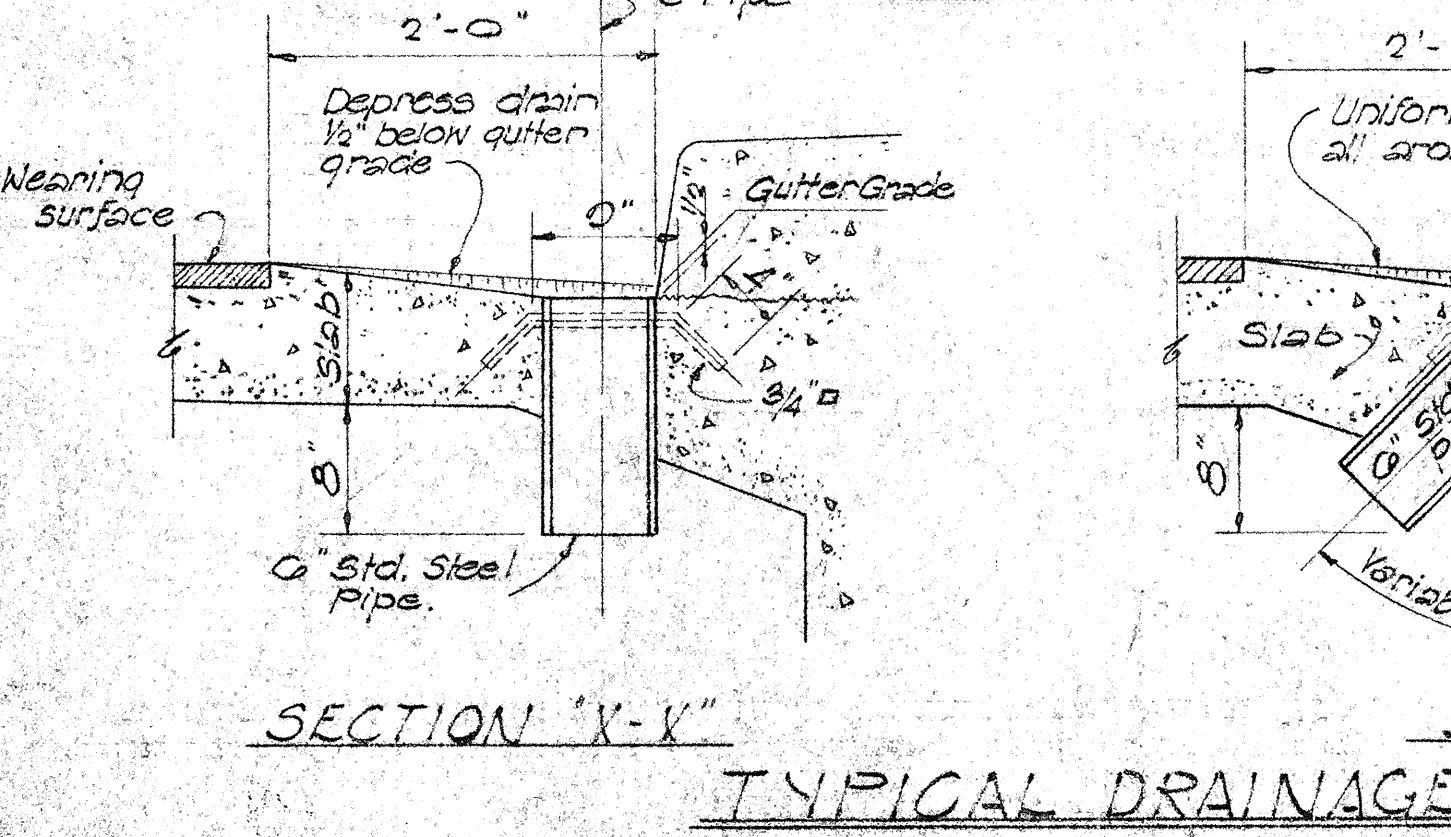
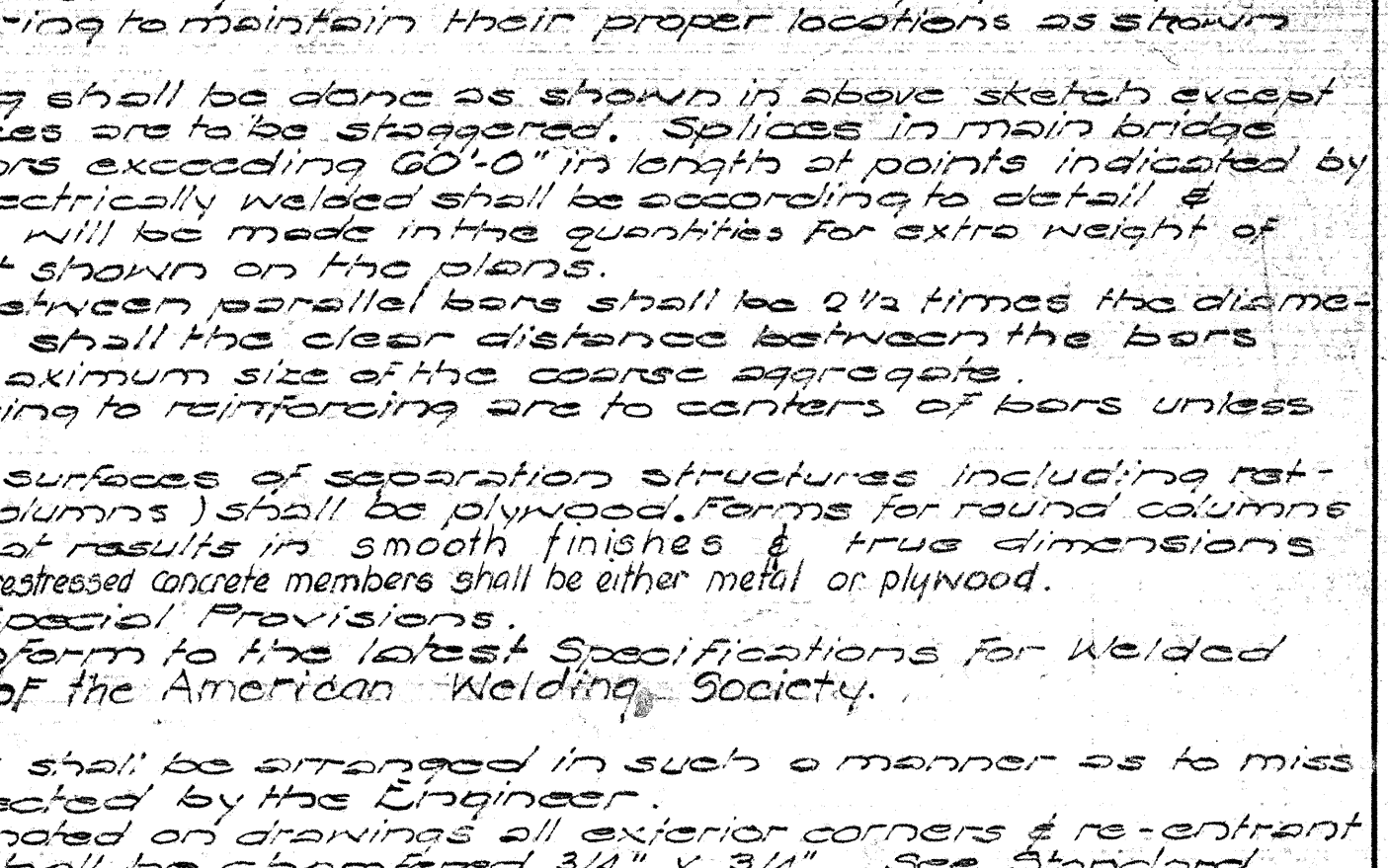
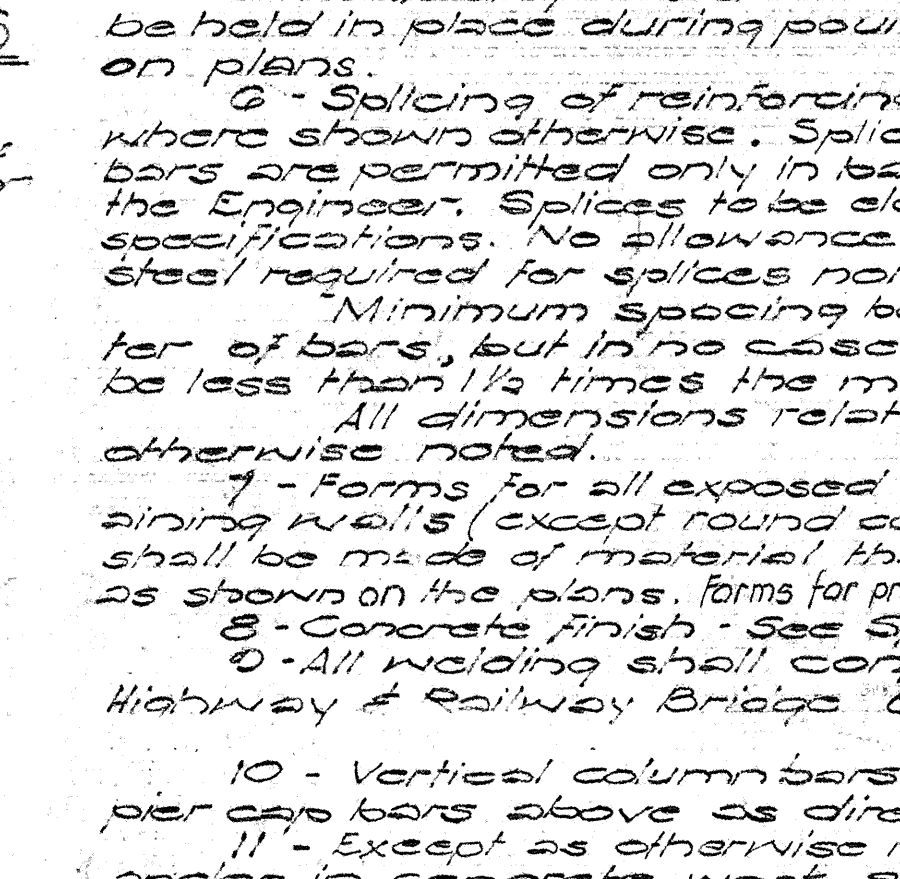
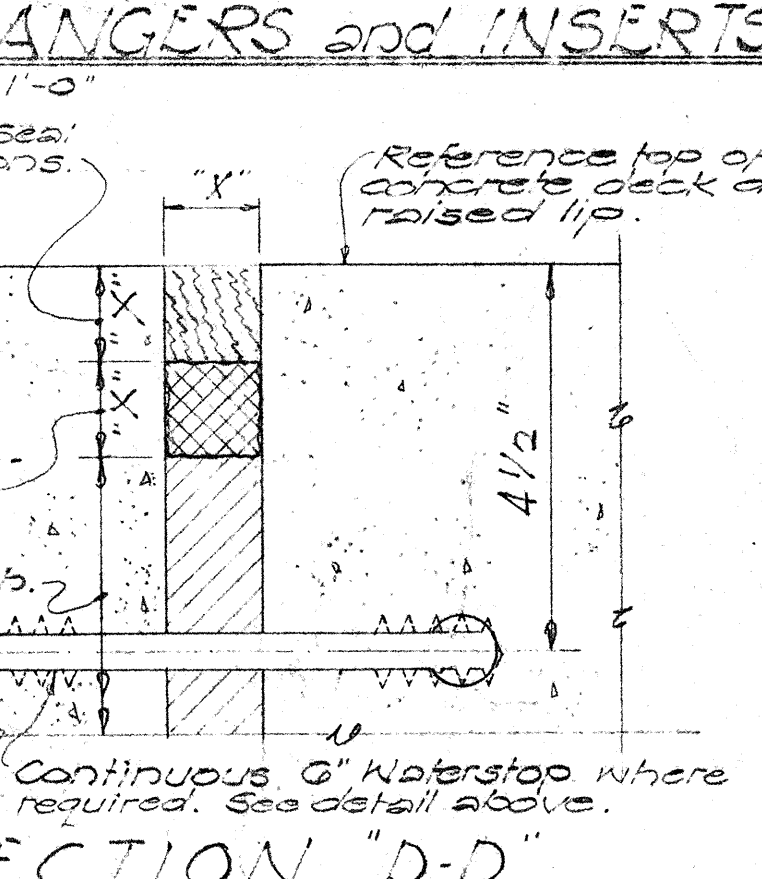
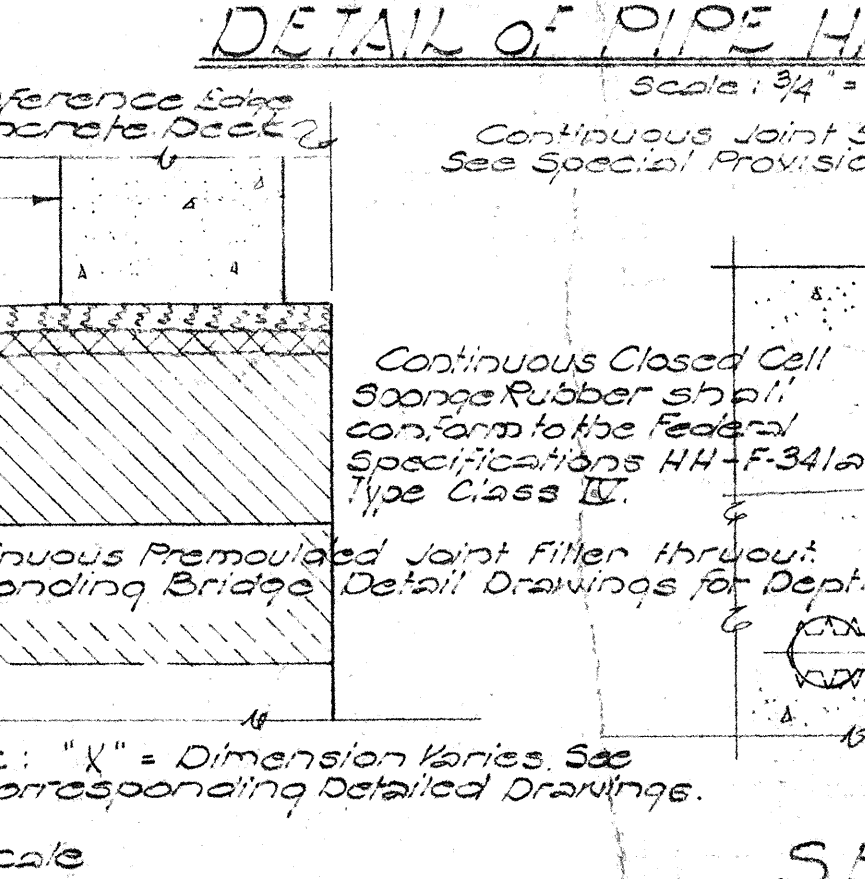
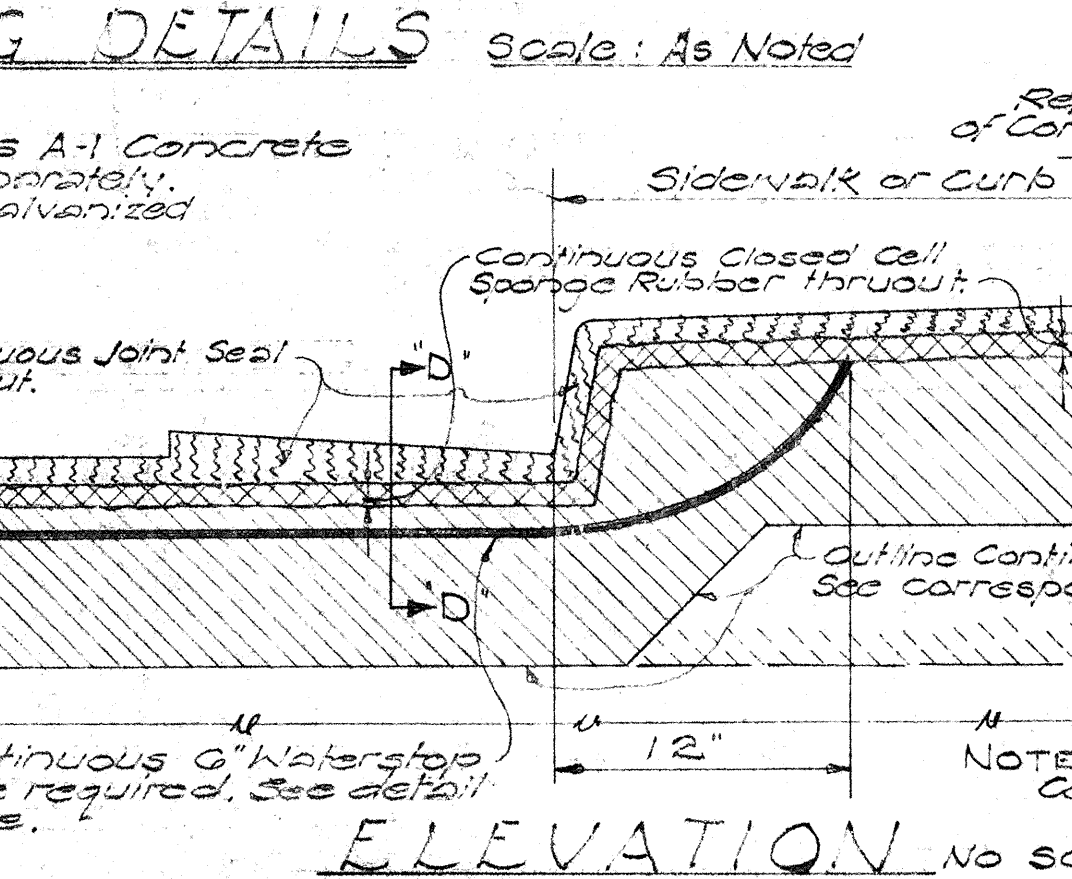
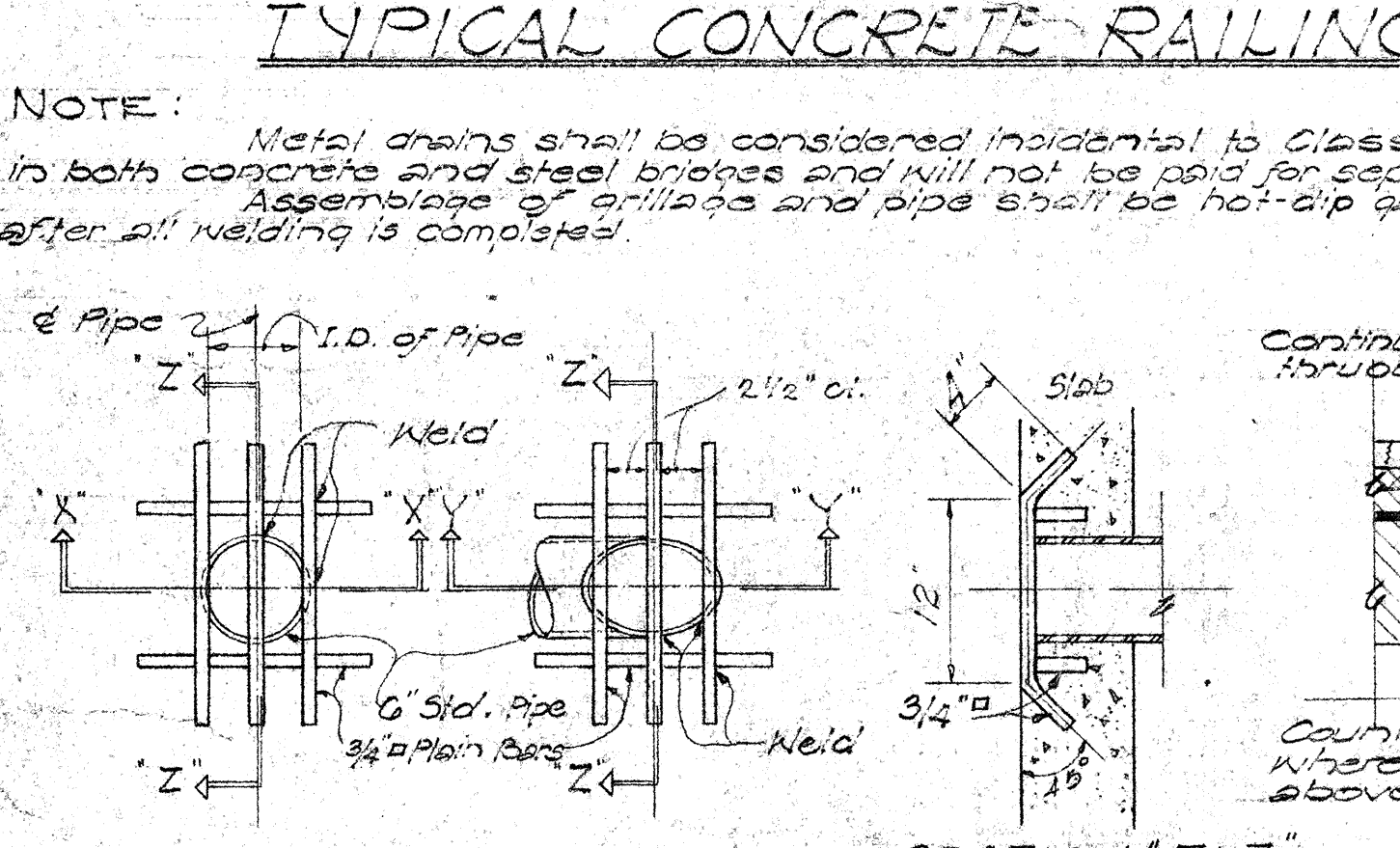
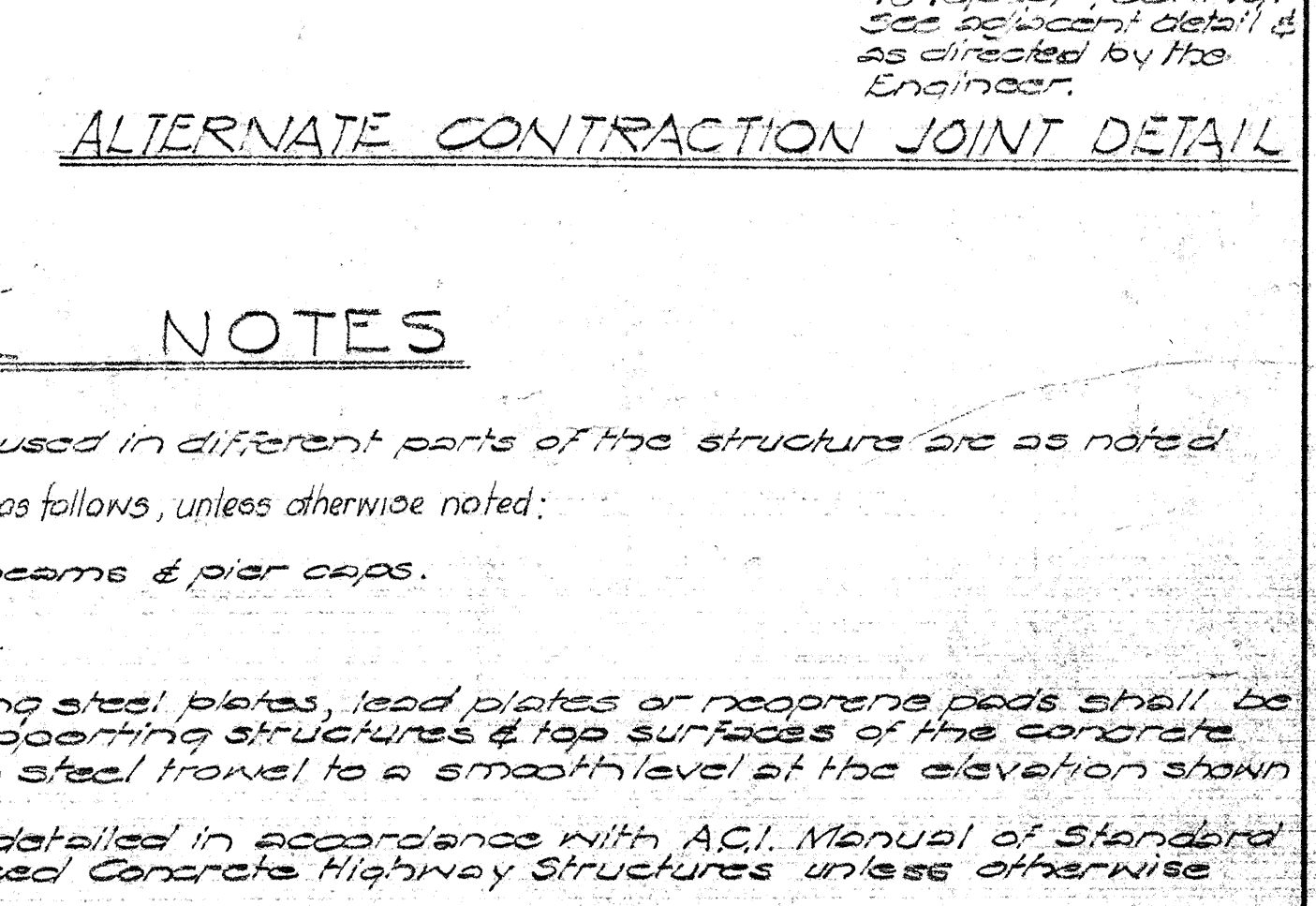
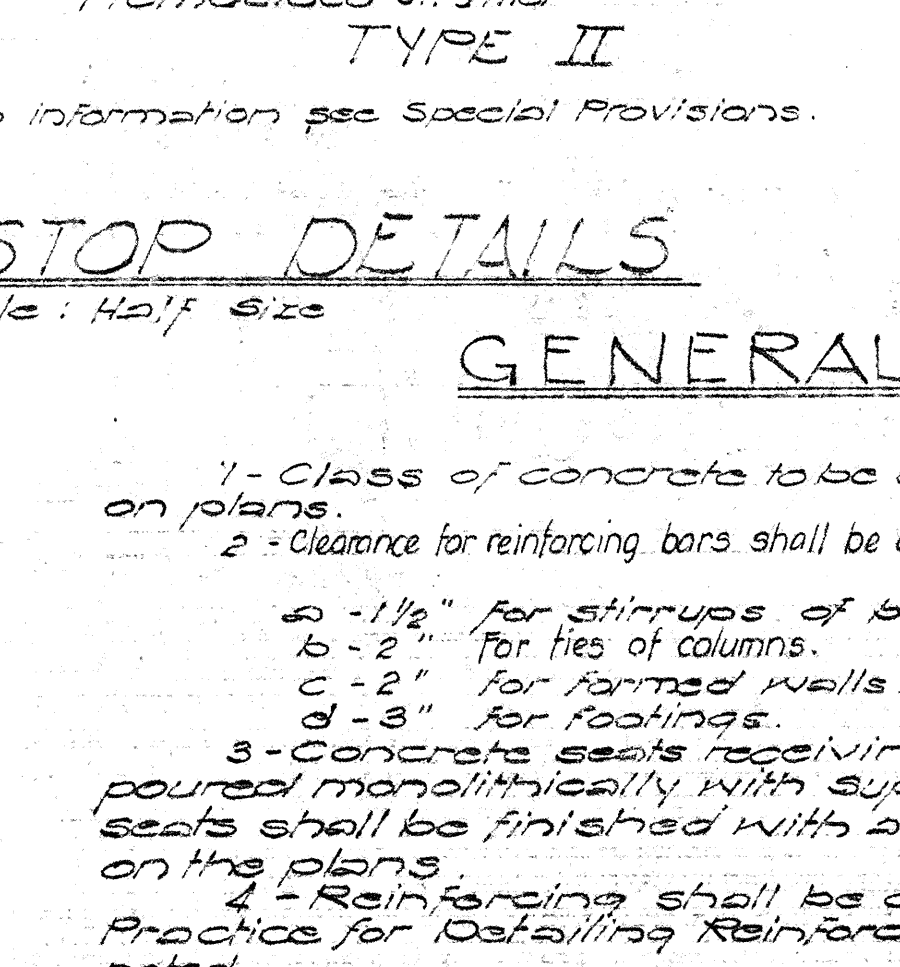
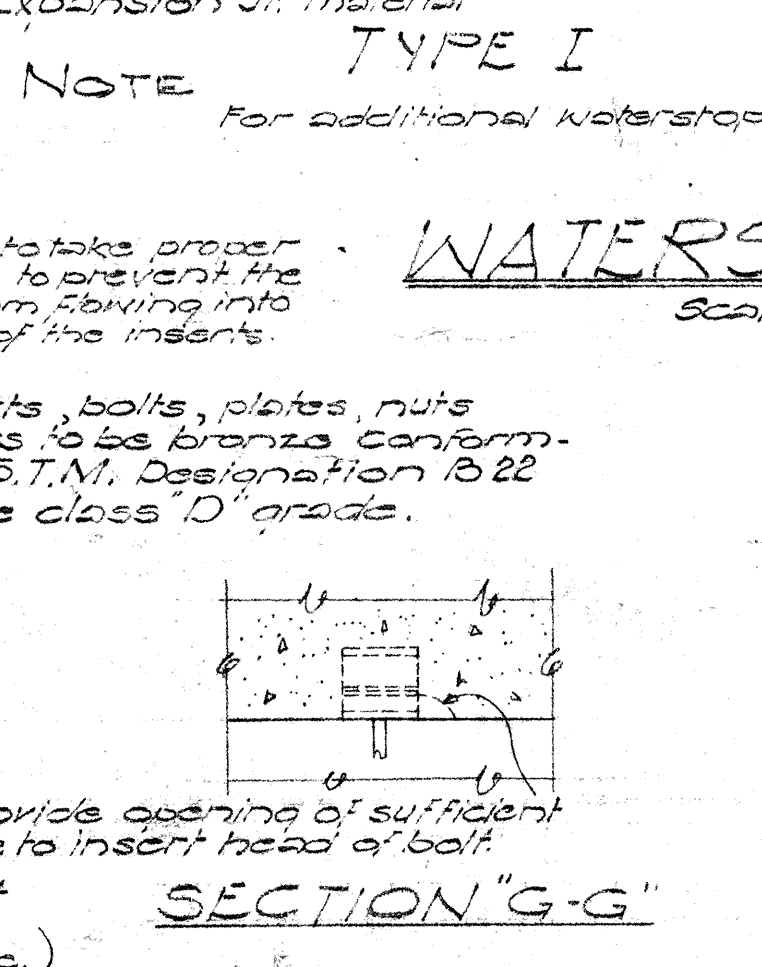
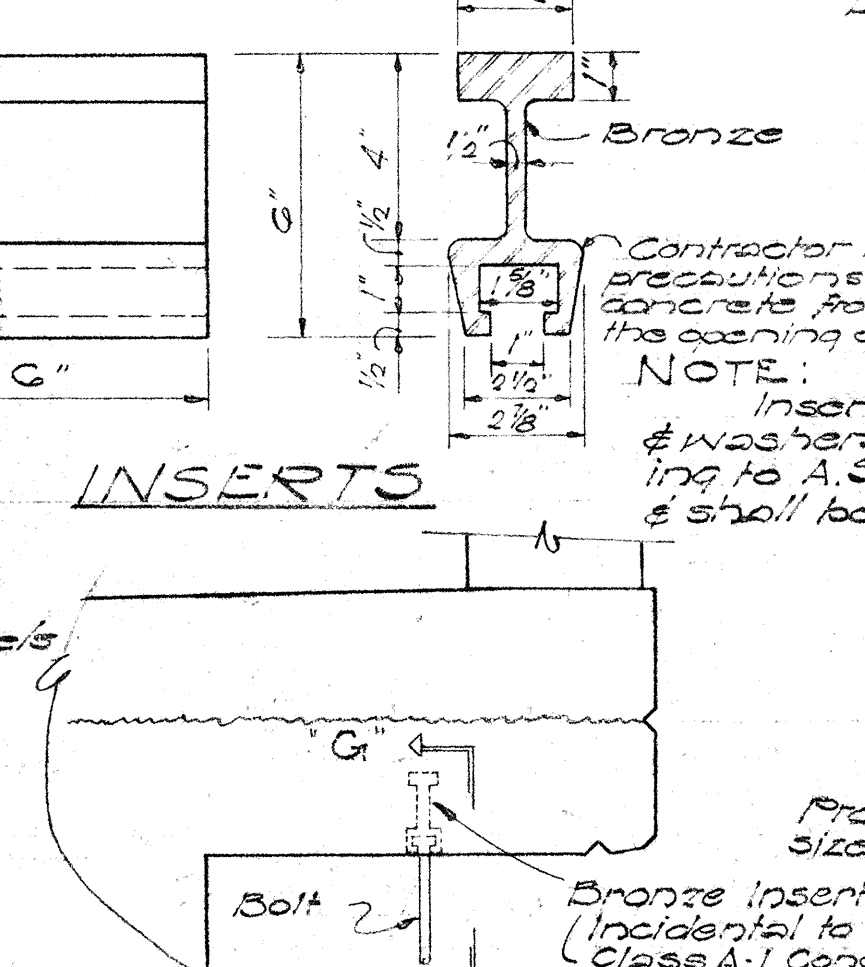
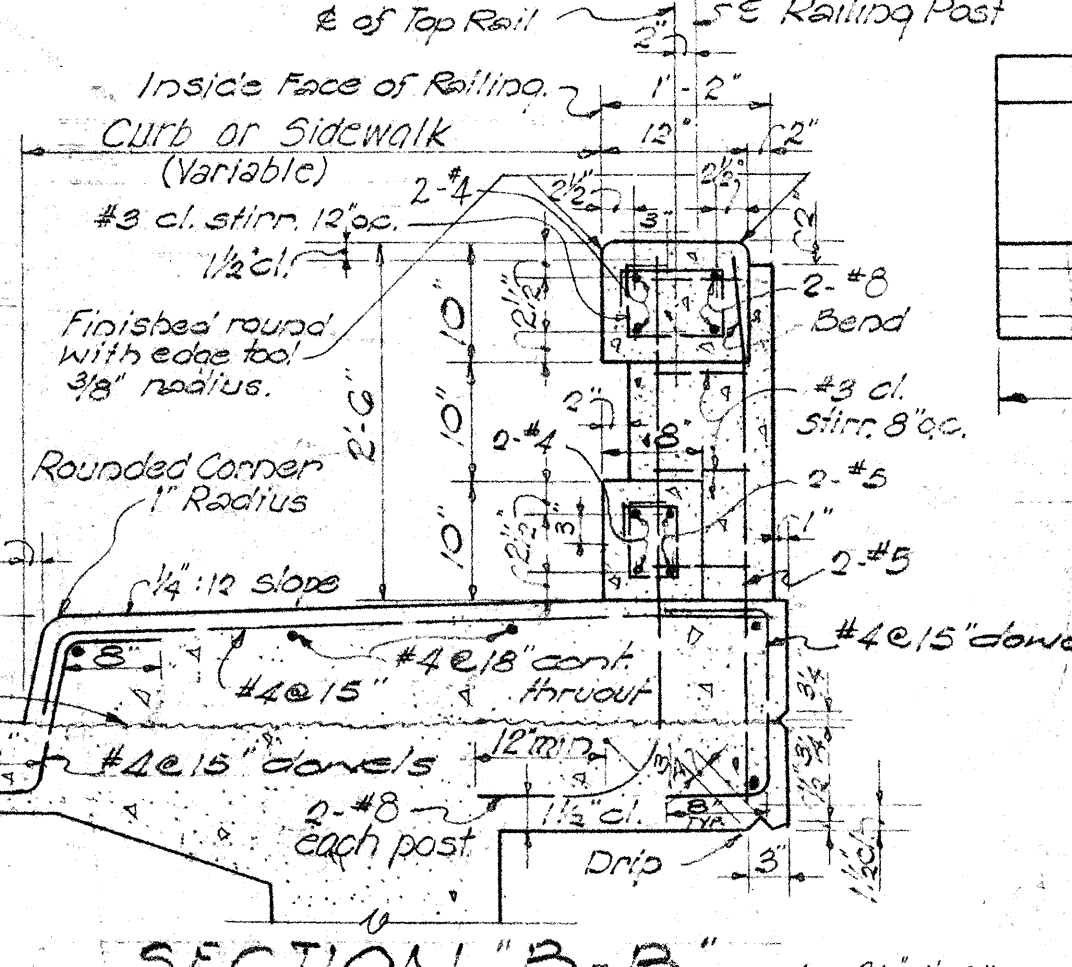
NOTE: Carbon content of reinforcing bars for welding shall not be over 0.40%. Low hydrogen electrodes E7015 or E7018 shall be used with preheat and interpass temperature not less than 200°F.

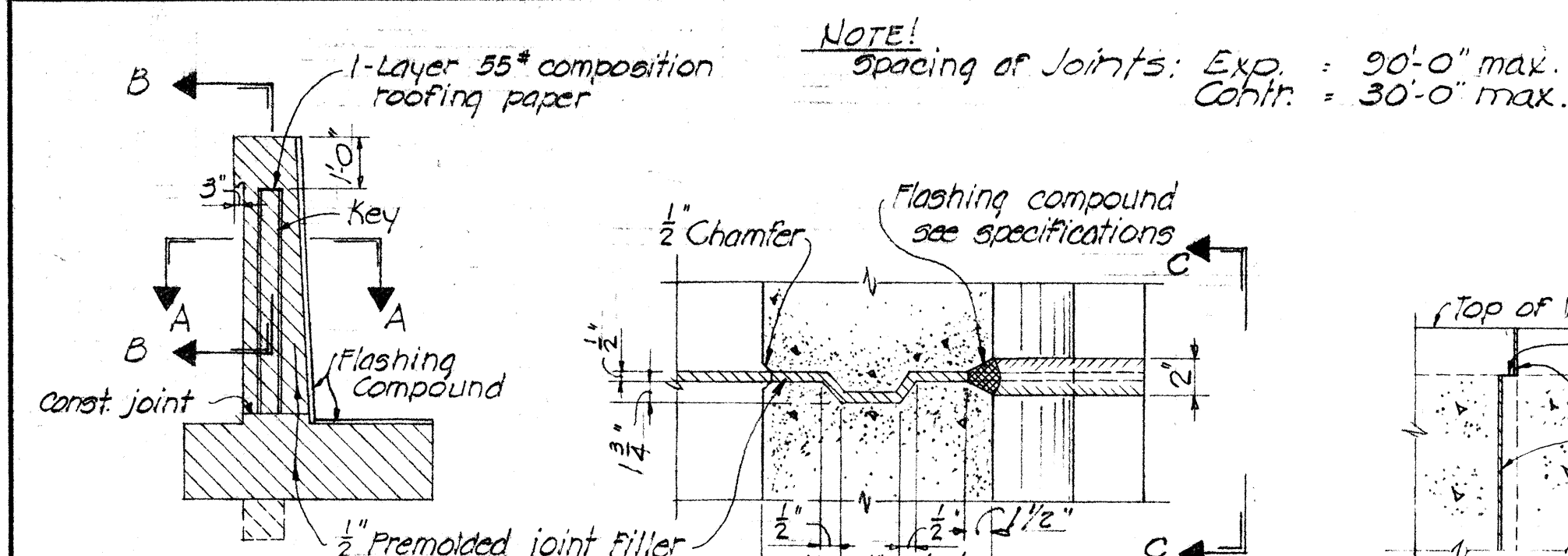


ELLIPSE COORDINATES

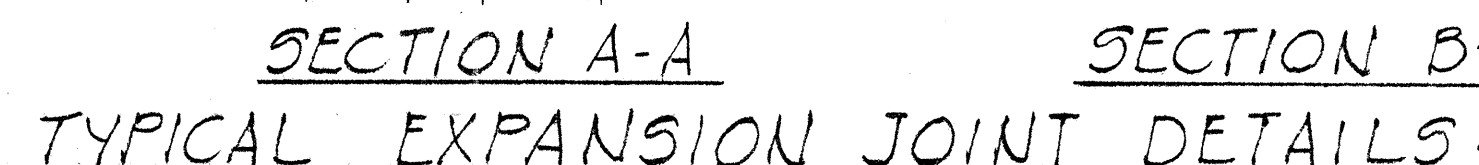


NOTE: Sidewalk, Curb and Railing to be poured after release of falsework. Forms for railing and endpost to be made of plywood. Bottom forms for top rails shall be kept in place a minimum of 14 days from date of pour.



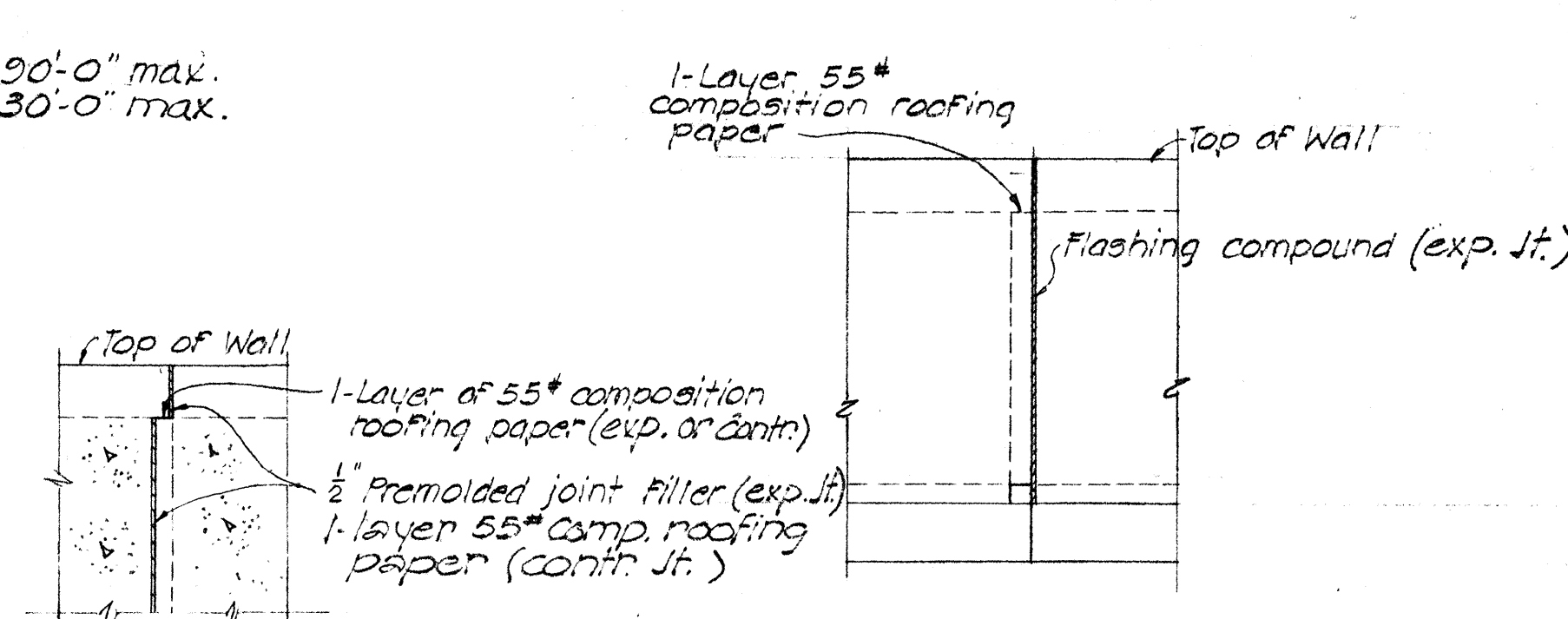


JOINT ELEVATION

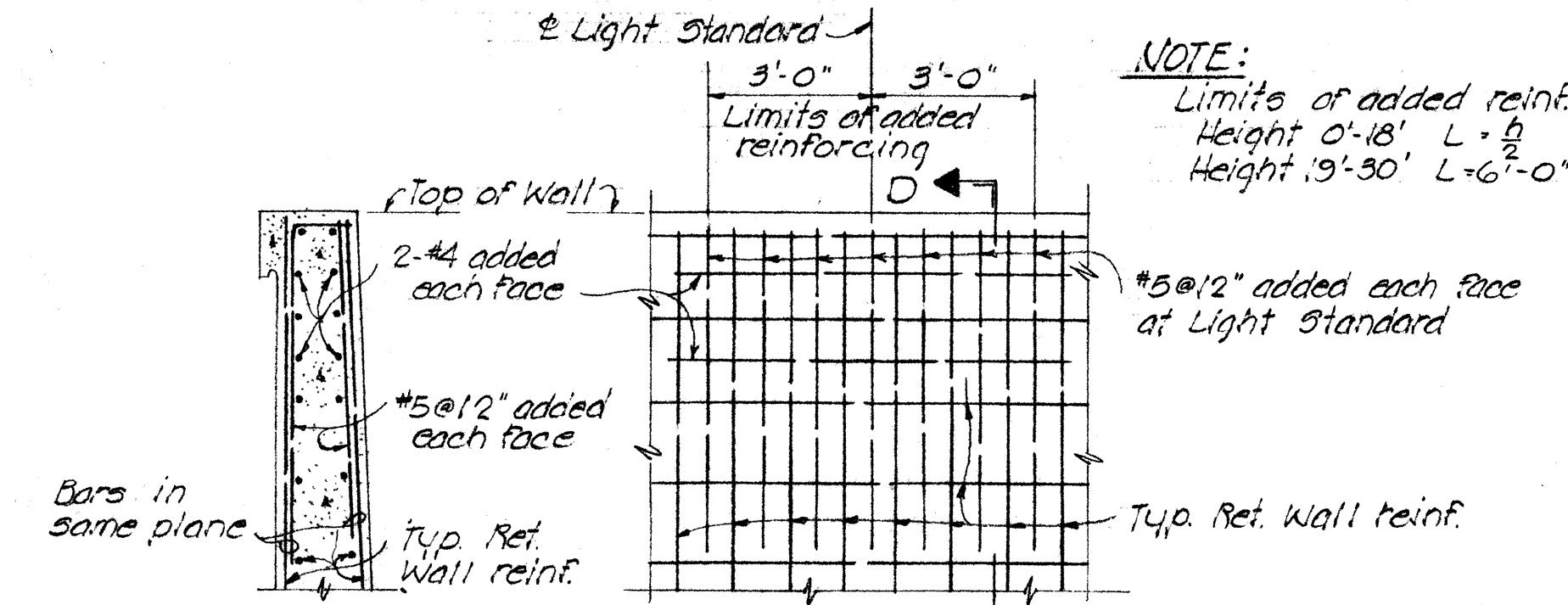


SECTION A-A

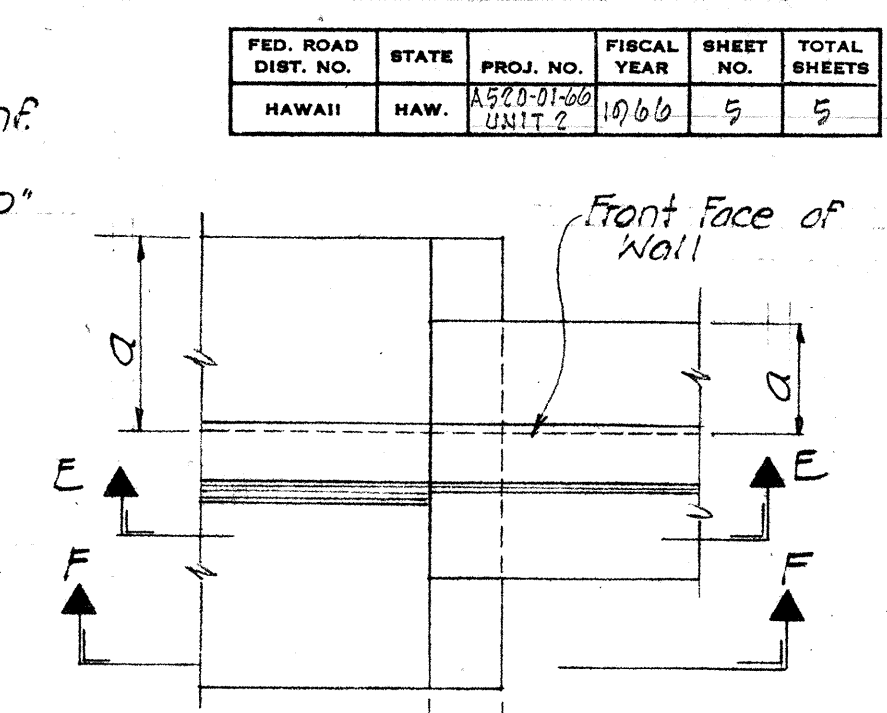
SECTION B-B



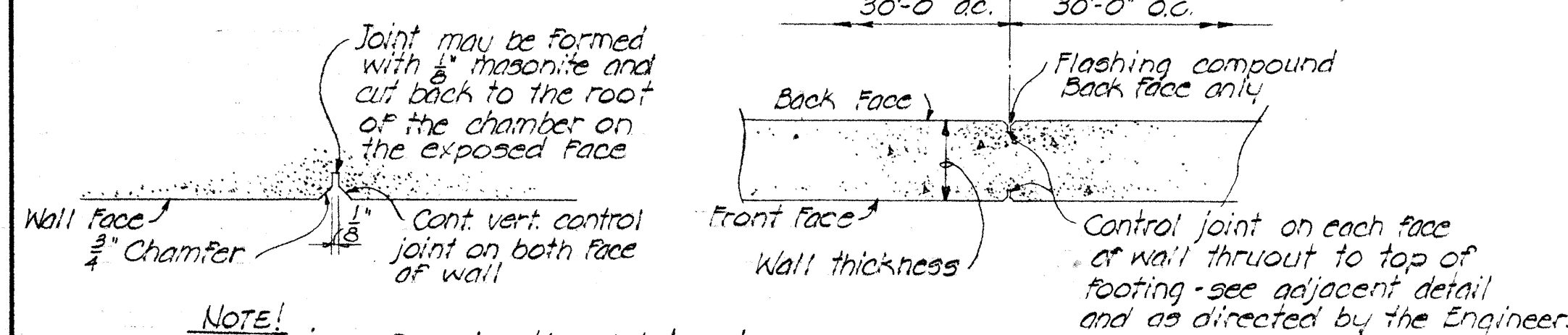
SECTION C-C



SECTION D-D ELEVATION
TYP. ADDED REINF. AT LIGHT STD. BASE

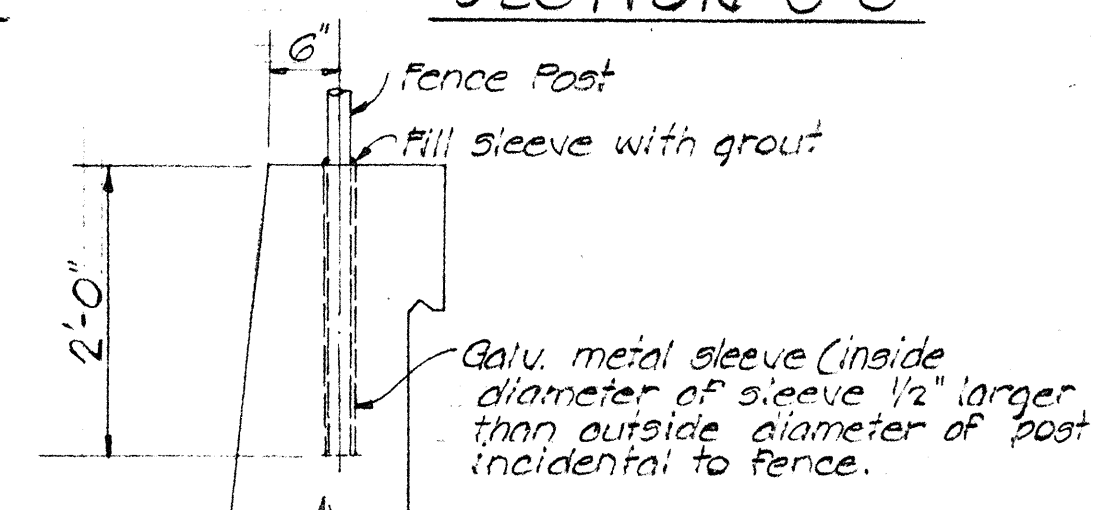


PLAN

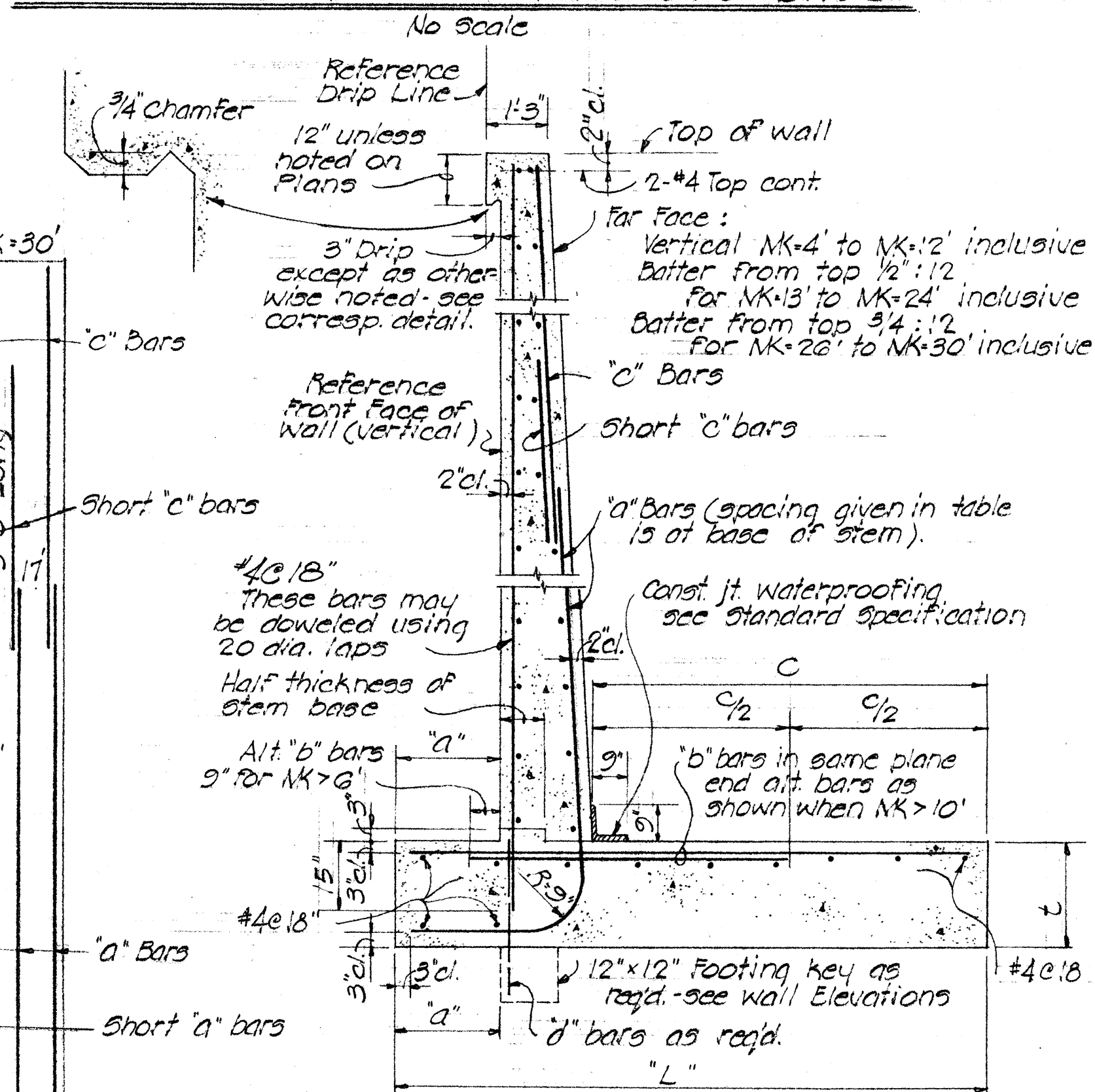


ALTERNATE CONTRACTION JOINT DETAIL

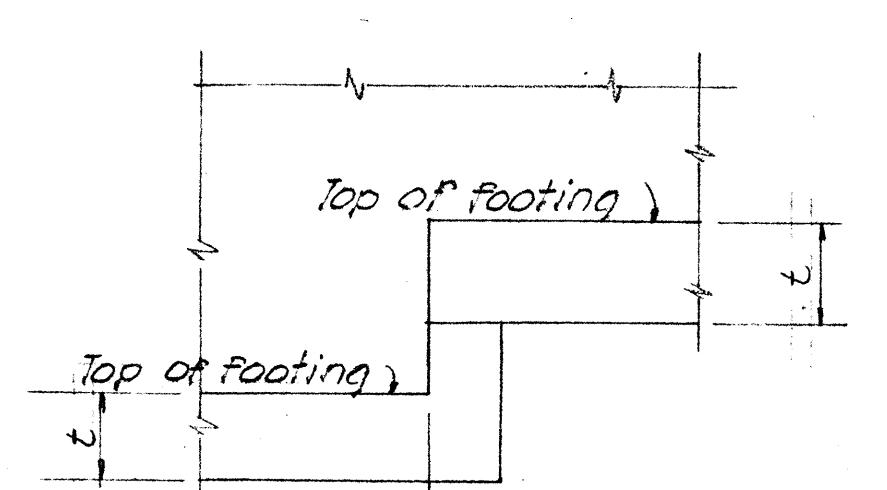
ALTERNATE CONTRACTION JOINT DETAIL



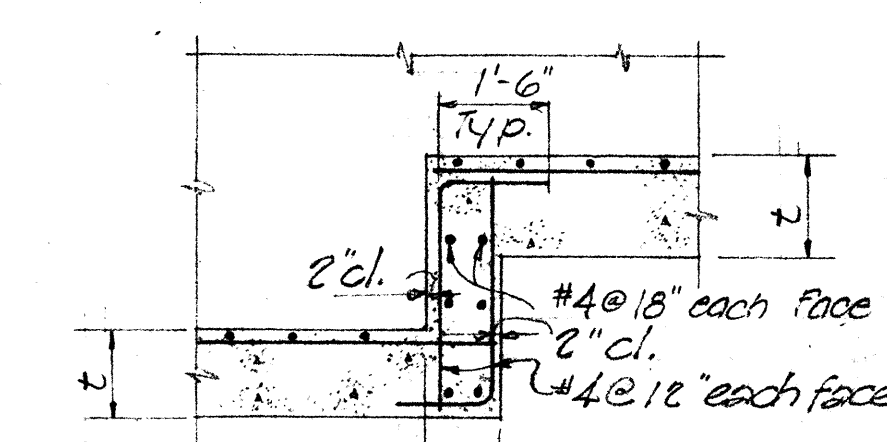
CHAIN LINK FENCE
POST DETAIL



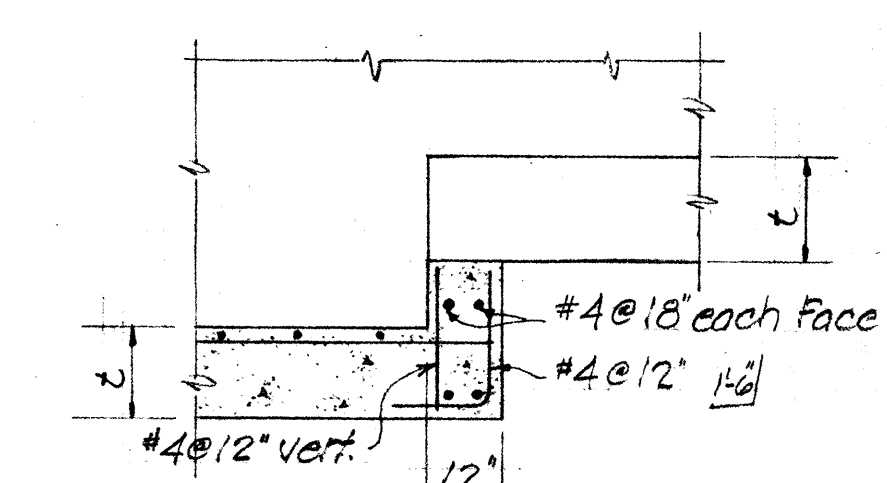
WALL SECTION
No Scale



ELEVATION



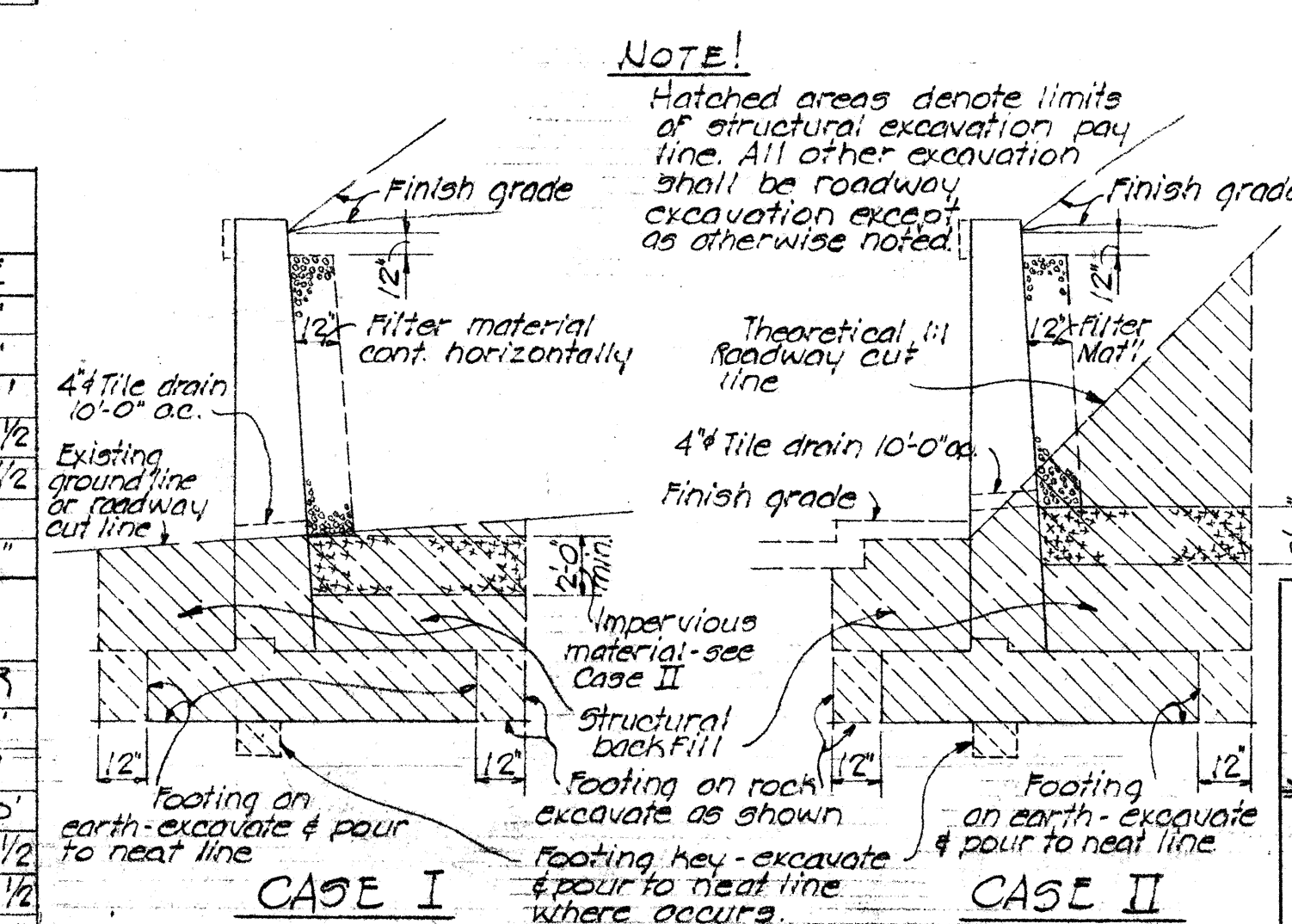
SECTION E-E



SECTION F-F

FOOTING STEP-UP DETAILS
No scale

SCHEDULE OF DIMENSIONS AND REINFORCING STEEL																								
Maximum "NK"	4E	5E	6E	7E	8E	9E	10E	11E	12E	13E	14E	15E	16E	17E	18E	19E	20E	21E	22E	23E	24E	26E	28E	30E
a	6"	6"	6"	12"	12"	12"	12"	12"	12"	12"	15"	18"	21"	24"	24"	24"	27"	30"	33"	36"	39"	54"	60"	72"
c	14"	14"	14"	14"	14"	14"	14"	18"	18"	18"	18"	18"	21"	21"	24"	24"	24"	27"	30"	31"	33"	36"	39"	42"
L	2.5'	3.0'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'	6.5'	7.0'	7.75'	8.25'	9.0'	9.75'	10.5'	11.5'	12.5'	13.5'	14.5'	15.25'	16.0'	18.0'	20.0'	21.0'
"a" bars	*3#12	*3#12	*4#12	*4#9	*4#5 1/2	*5#7	*6#7	*6#6	*6#5	*7#9	*6#5 1/2	*7#6	*8#6	*8#5 3/4	*9#6	*9#6	*10#6	*10#6	*10#5 1/2	*10#6	*10#5 3/4	*11#6	*11#5	*11#4
"b" bars	*3#12	*3#12	*3#12	*3#9	*4#11	*4#7	*5#7	*5#6	*5#5	*7#9	*6#5 1/2	*7#6	*8#6	*7#5 3/4	*8#6	*9#6	*10#6	*10#6	*10#5 1/2	*10#6	*10#5 3/4	*11#6	*11#5	*11#4
"c" bars	—	—	—	—	—	—	—	#4	#4	#4	#4	#4	#5	#5	#5	#6	#6	#6	#7	#7	#7	#7	#7	#7
"d" bars	*5#12	*5#12	*5#12	*3#12	*4#18	*4#15	*4#15	*4#12	*4#11	*4#9	*5#12	*5#12	*5#10	*5#9	*5#9	*5#8	*6#10	*6#9	*7#12	*7#11	*7#10	*7#9	*7#8	*7#6
Maximum "NK"	4R	5R	6R	7R	8R	9R	10R	11R	12R	13R	14R	15R	16R	17R	18R	19R	20R	21R	22R	23R	24R	26R	28R	30R
a	6"	6"	6"	12"	12"	12"	12"	12"	12"	12"	15"	18"	21"	21"	21"	21"	24"	24"	27"	30"	33"	37"	39"	51"
c	14"	14"	14"	14"	14"	14"	14"	18"	18"	18"	18"	18"	18"	18"	18"	21"	21"	21"	21"	24"	24"	27"	30"	36"
L	2.5'	3.0'	3.5'	4.0'	4.5'	5.0'	5.5'	6.0'	6.5'	7.25'	7.75'	8.25'	8.75'	9.25'	9.75'	10.25'	10.5'	11.0'	11.5'	12.0'	13.0'	14.0'	15.0'	
"a" bars	*3#12	*3#12	*4#12	*4#9	*4#5 1/2	*5#6	*6#7	*6#6	*6#5	*7#9	*6#5 1/2	*7#6	*8#6	*8#6	*9#6	*9#6	*10#6	*10#6	*10#5 1/2	*10#6	*10#5 3/4	*11#6	*11#5	*11#4
"b" bars	*3#12	*3#12	*3#12	*3#9	*4#11	*4#6	*5#7	*5#6	*5#5	*7#9	*6#5 1/2	*7#6	*8#6	*9#6	*9#6	*10#6	*10#6	*10#6	*10#5 1/2	*10#6	*10#5 3/4	*11#6	*10#5	*9#4
"c" bars	—	—	—	—	—	—	—	#4	#4	#4	#4	#4	#5	#5	#5	#6	#6	#6	#7	#7	#7	#7	#7	#7
"d" bars	*3#12	*3#12	*3#12	*3#12	*4#18	*4#15	*4#15	*4#12	*4#11	*4#9	*5#12	*5#12	*5#10	*5#9	*5#9	*5#8	*6#10	*6#9	*7#12	*7#11	*7#10	*7#9	*7#8	*7#6



STRUCT. EXC. & DRAINAGE DET

No scale

Impervious material as selected by the Engineer incidental to Structural excavation when MK is 2'-0" or less. All backfill below weep hole level shall be impervious material.

STANDARD RETAINING WALL
DETAIL TYPE - T-1