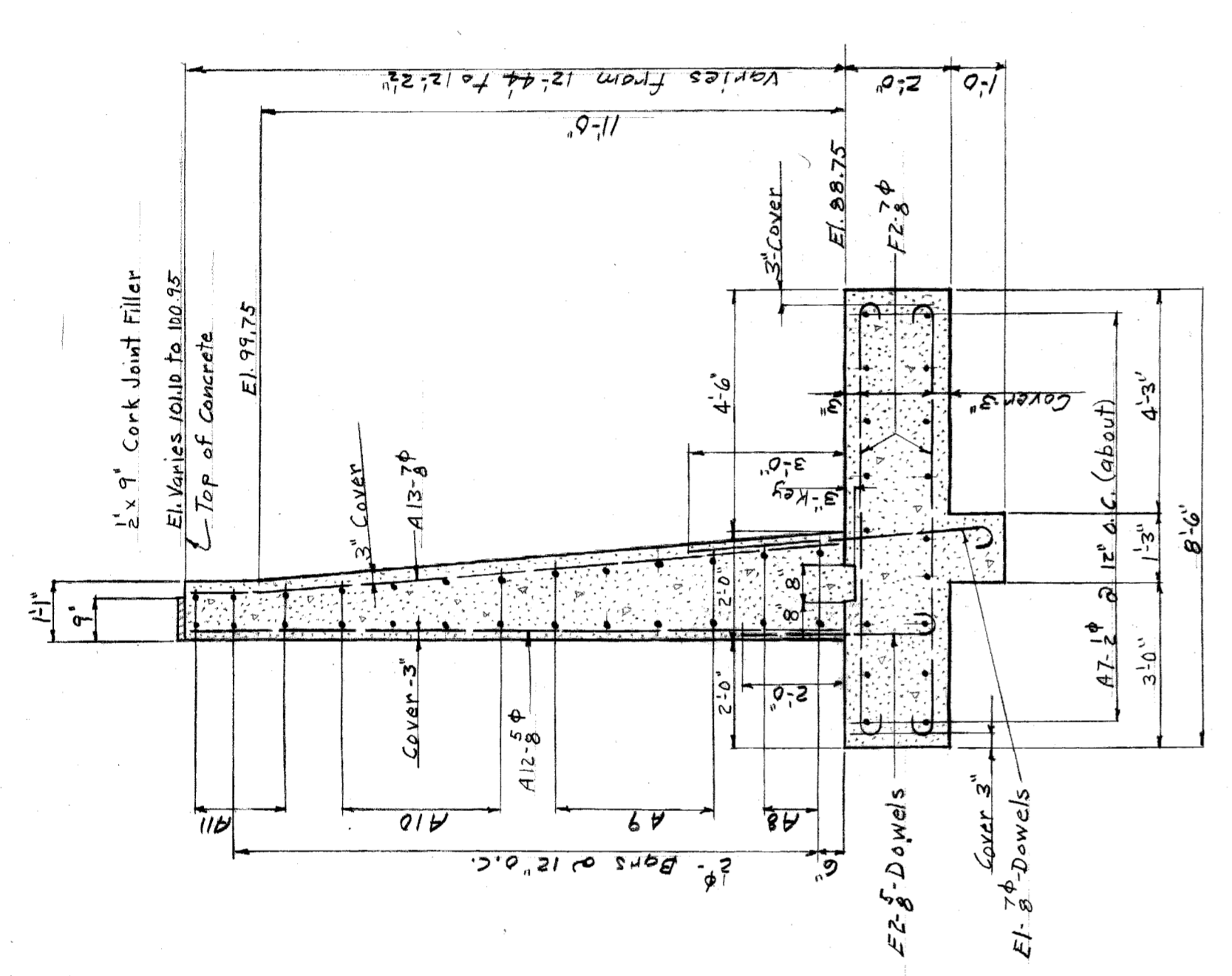
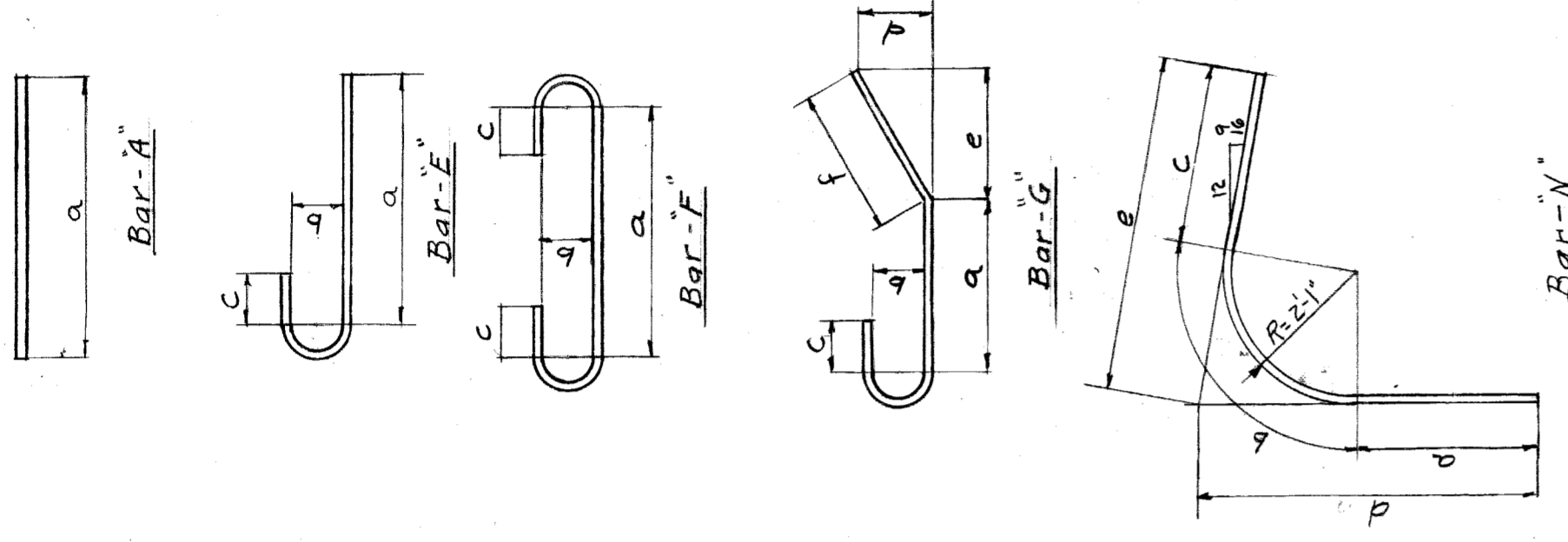
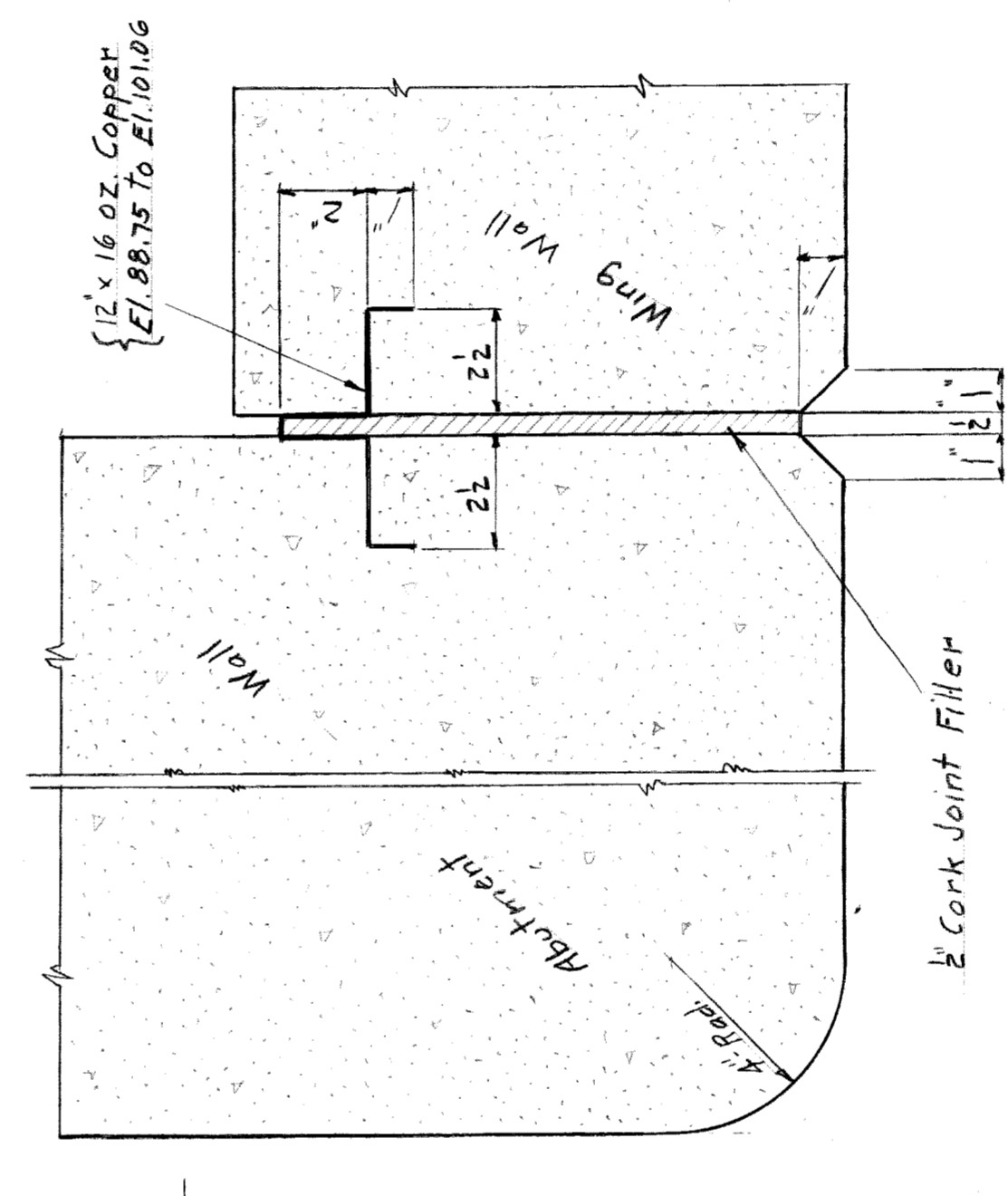


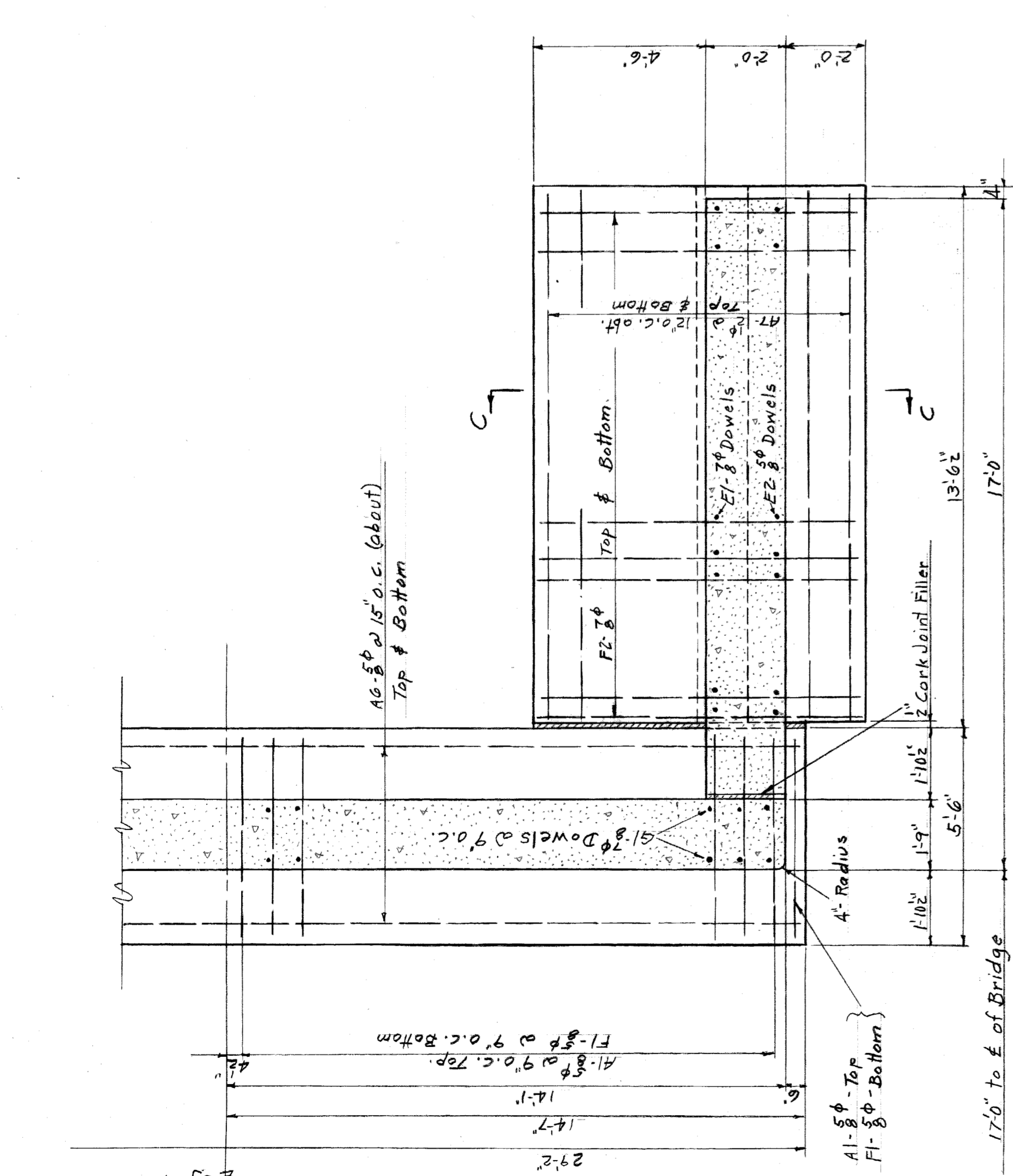
Mark	Size	No.	a	b	c	d	e	f	Length	Abutment Footing
A1	5φ	80	5'0"							"
F1	8φ	80	4'7"	4"	3"					"
G1	7φ	152	2'0"	5 1/2"	1'0 1/2"	1'9 1/2"	2'1"			"
N1	7φ	76	9'10"	3'5"	10'9"	11'1"	12'10"		24'0"	Abutment Wall
N2	7φ	74	5'3"	3'5"	5'3"	7'4"	7'4"		14'0"	"
A2	3φ	76	18'0"						18'0"	"
M1	3φ	28	1'12"	4"	2"				1'10"	Abutment Wall & Deck
M2	3φ	56	1'3"	4"	2"				1'11"	Abutment Wall
M3	3φ	28	1'4 1/2"	4"	2"				2'2"	"
M4	3φ	28	1'6"	4"	2"				2'2 1/2"	"
M5	3φ	28	1'7 1/2"	4"	2"				2'3 1/2"	Deck
M6	3φ	28	1'14"	4"	2"				2'4"	"
M7	3φ	28	1'8"	4"	2"				2'4 1/2"	"
M8	3φ	28	1'5 1/2"	4"	2"				2'1 1/2"	"
M9	3φ	28	1'14"	4"	2"				1'9"	"
M10	3φ	28	1'1 1/2"	4"	2"				1'7 1/2"	"
M11	3φ	28	1'0 1/2"	4"	2"				1'6 1/2"	"
M12	3φ	28	9 1/2"	4"	2"				1'6"	"
M13	3φ	28	9 1/2"	4"	2"				1'5"	"
A3	5φ	114	28'0"						28'0"	"
A4	7φ	37	24'0"						24'0"	"
A5	8φ	38	36'0"						36'0"	"
A6	8φ	20	28'9"						28'9"	Abutment Footing
E1	8φ	72	5'5 1/2"	5 1/2"	4"				6'7"	Wing Wall Footing
E2	5φ	72	3'6 1/2"	4"	4 1/2"				4'6"	"
F2	7φ	144	7'5"	5 1/2"	4 1/2"				9'9"	"
A7	2φ	68	13'3"						13'3"	"
A8	1φ	16	14'9"						14'9"	Wing Wall
A9	2φ	32	14'6"						14'6"	"
A10	1φ	32	14'3"						14'3"	"
A11	1φ	24	14'0"						14'0"	"
A12	5φ	80	11'9"						11'9"	"
A13	7φ	80	11'9"						11'9"	"
B1	8φ	78	1'10 1/2"	1'9"	1'10 1/2"	2"			5'6"	Footings
C1	5φ	60	1'10 1/2"	7 1/2"	7' 2'6"	2"			5'7"	"
D1	5φ	78	2'1"	2'6"	2'1"	2'6"			4'7"	"
K1	8φ	8	2'0"	1'0"	3"	4 1/2"			3'1"	"
D2	5φ	78	1'1"	1'6"					2'7"	Curb
H1	8φ	40	2'0"	2'0"	4 1/2"				4'0"	Footings
F3	3φ	102	2'7 1/2"	3"	3"				4'1"	"
A14	3φ	48	35'0"						35'0"	"
A15	2φ	8	35'0"						35'0"	"
A16	5φ	4	38'0"						38'0"	Curb
A17	8φ	76	18'6"						18'6"	Deck



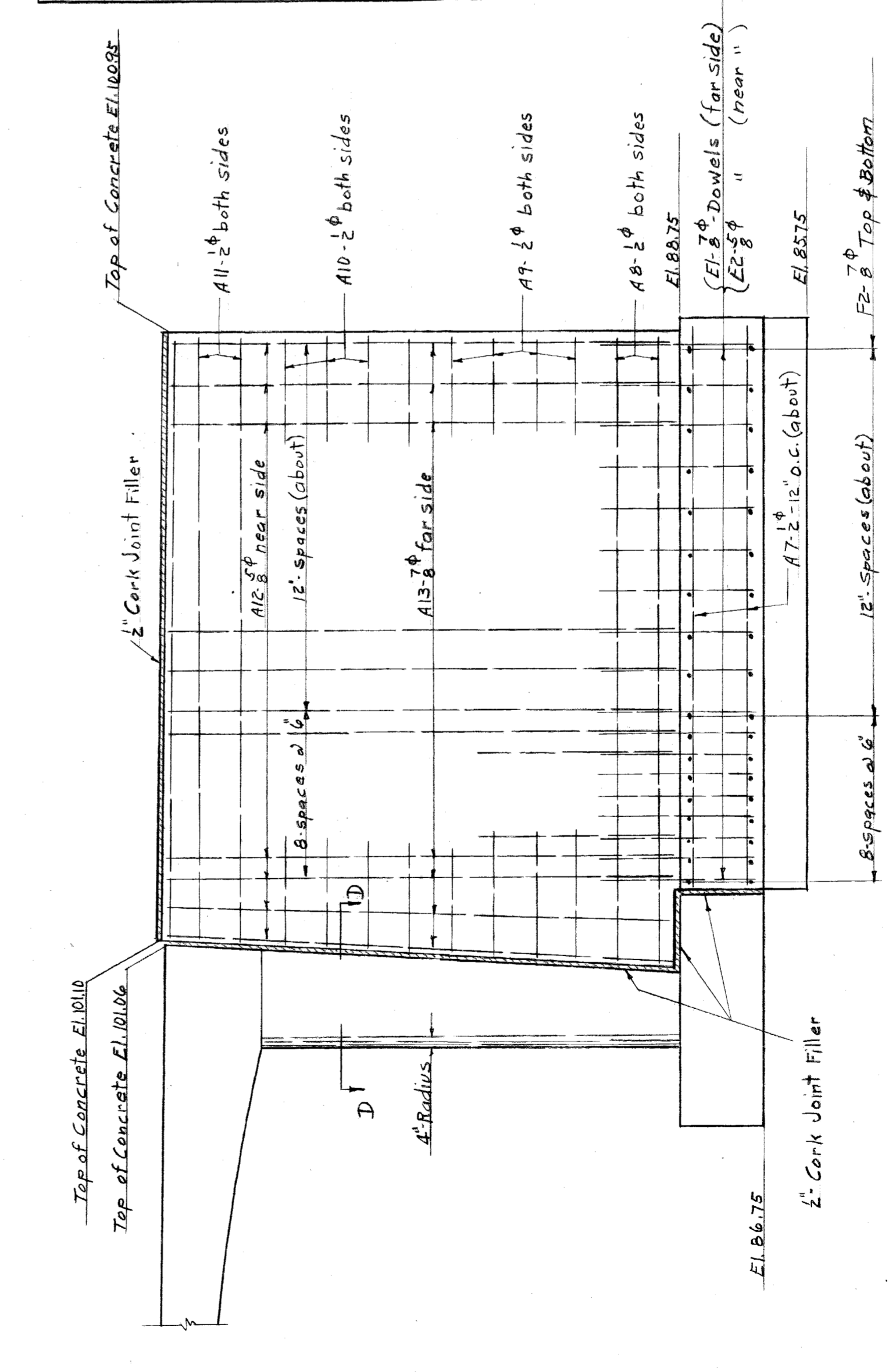
Section - C-C



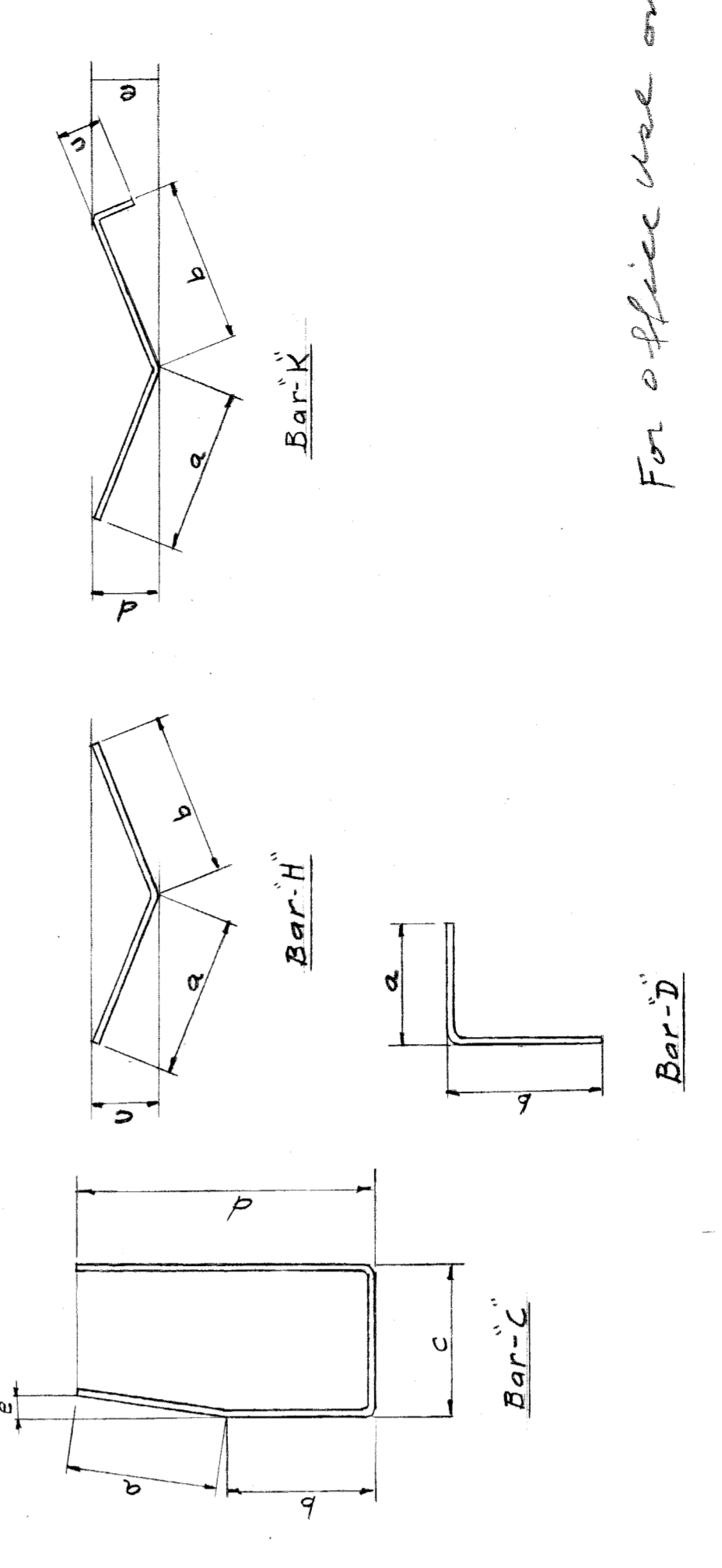
Section - D-D
Scale 3" = 1'-0"



Quarter Plan of Foundation



Front Elevation of Wing Wall



Bar-D

Bar-H

Bar-K

For office use only

<p>CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE BUREAU OF DESIGN</p>		<p>BELLE ISLE BRIDGES BRIDGE NO. II WING WALL DETAILS</p>		<p>SHEET 2 OF 3 SHEETS</p>
<p>DESIGNED BY: R. H. Spack</p>		<p>APPROVED: SR. ASSOC. STRUCT. ENGINEER</p>		<p>JOB NO.</p>
<p>DRAWN BY: R. H. Spack</p>		<p>ENGINEER OF DESIGN</p>		<p>DRWG NO. S-2</p>
<p>TRACED BY: R. H. Spack</p>		<p>CITY ENGINEER</p>		<p>DATE</p>
<p>CHECKED BY:</p>		<p>REVISIONS</p>		<p>SCALE 3" = 1'-0"</p>
<p>DESCRIPTION</p>		<p>DATE</p>		<p>Draw # 4</p>
<p>DATE</p>		<p>DATE</p>		<p>AP69</p>