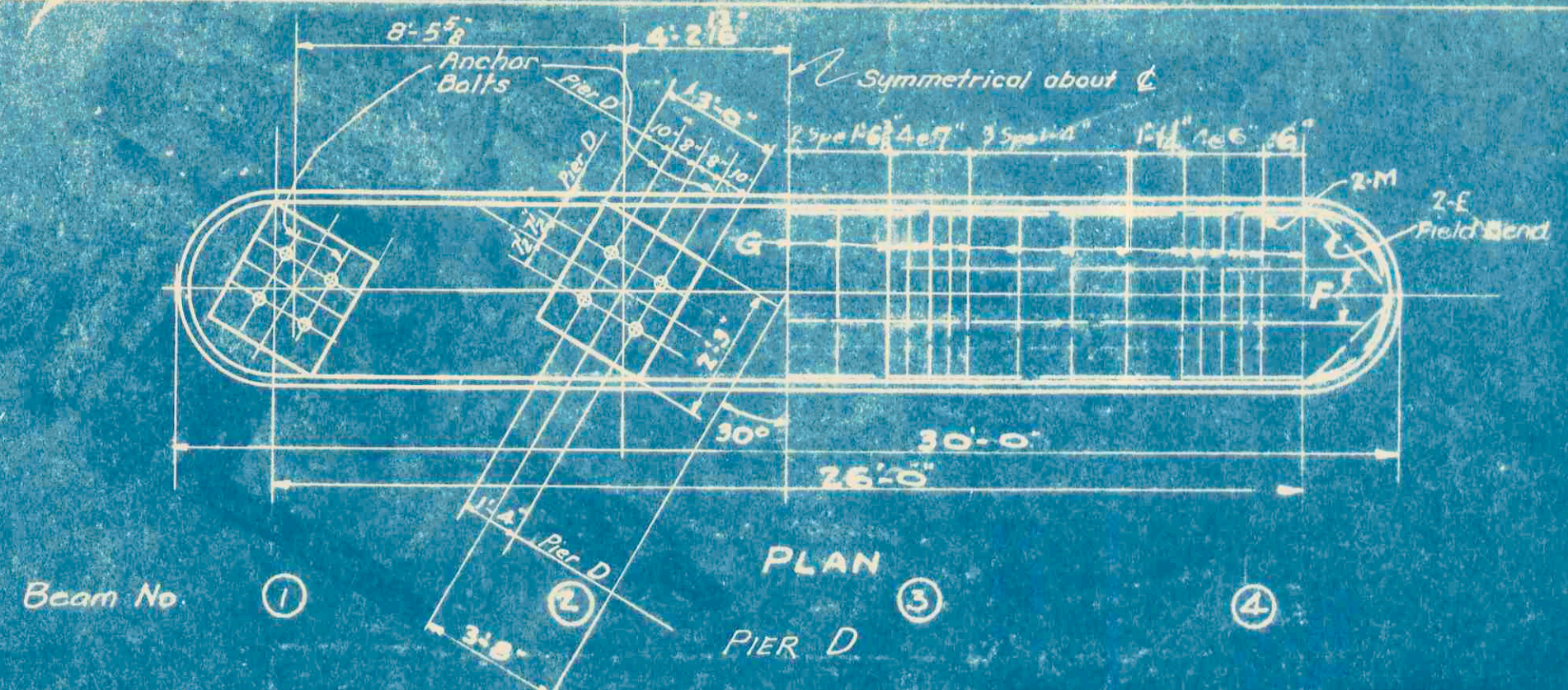
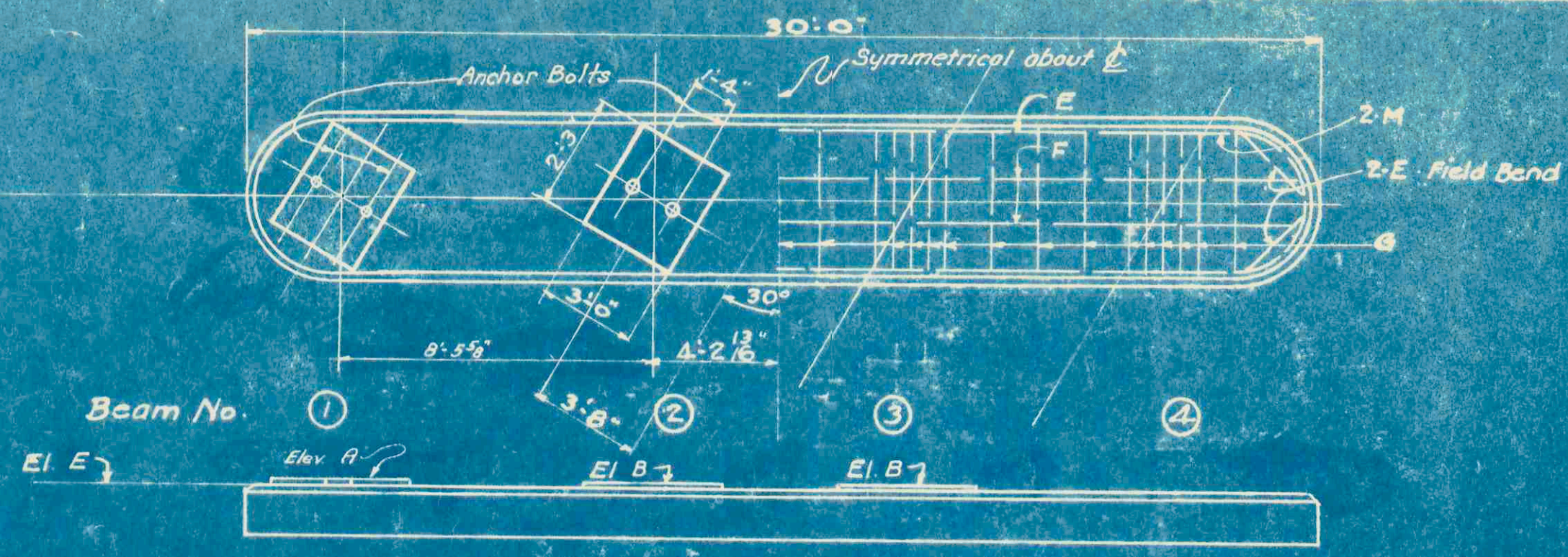
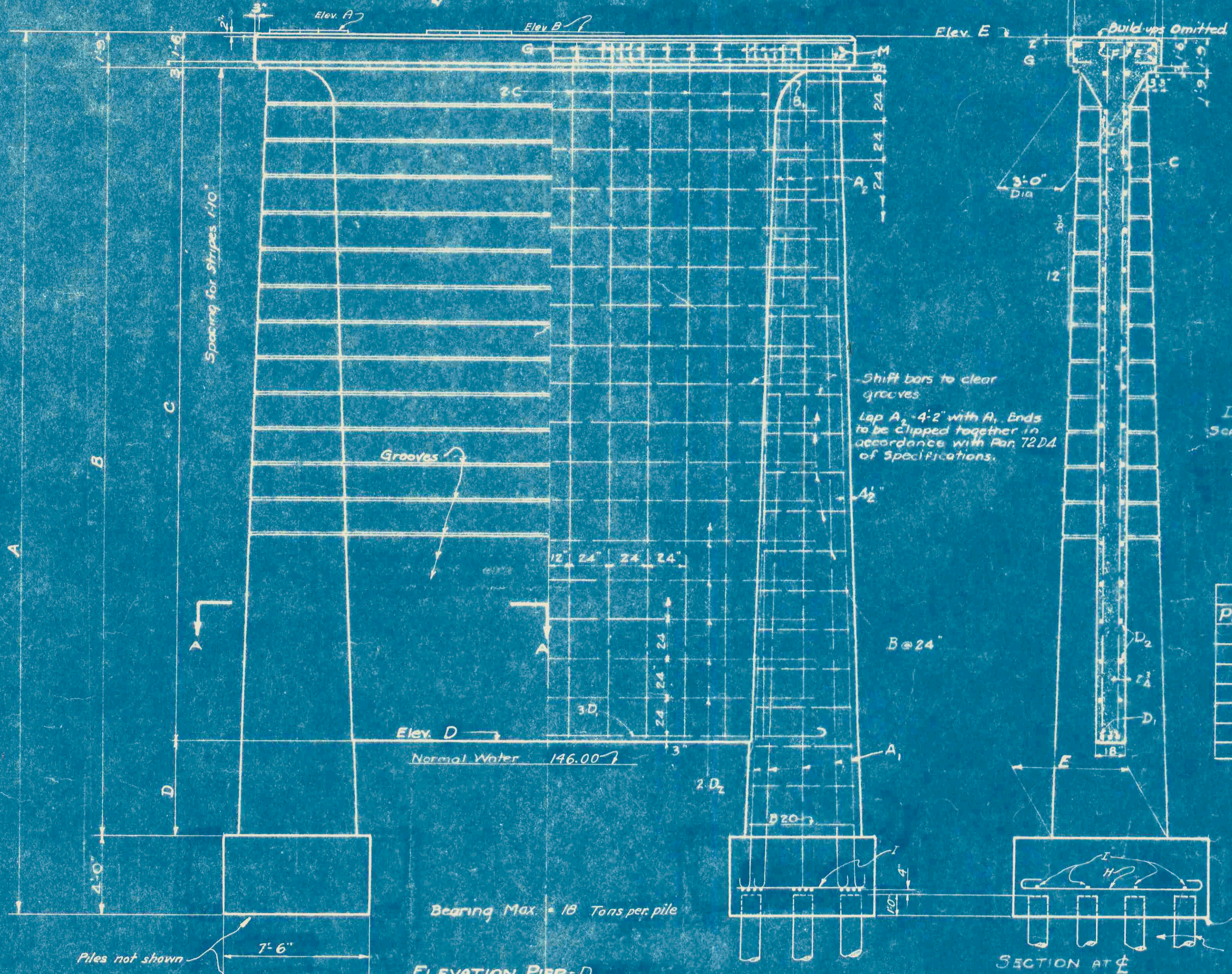


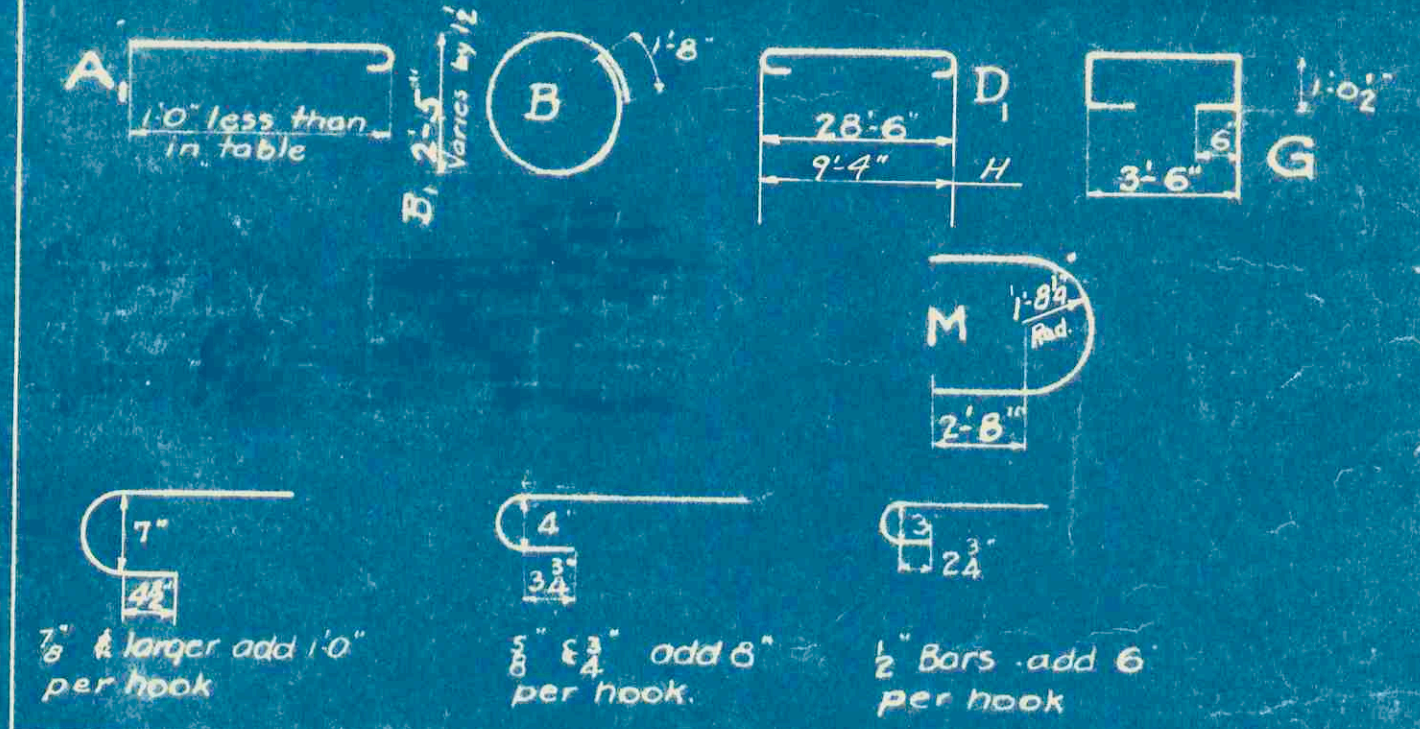


PIER B, C, E, or F
Portion of pier not shown similar to Pier D

		PIER B		PIER C		PIER D		PIER E		PIER F	
		No	LENGTH	No	LENGTH	No	LENGTH	No	LENGTH	No	LENGTH
A ₁	1 3/8" ^{3/4" to 1" each length}	16	25'-0"	-	-	-	Same	-	-	-	-
A ₂	1 3/8" ^{3/4" to 1" each length}	16	9'-3" to 16'-8"	-	-	-	Same	-	-	-	-
C	1 1/2"	24	30'-4"	24	30'-4"	24	36'-10"	24	36'-10"	24	30'-4"
D ₁	1 1/2"	3	30'-6"	-	-	-	Same	-	-	-	-
D ₂	1 1/2"	28	28'-0"	28	28'-0"	34	28'-0"	34	28'-0"	28	28'-0"
E	3/4"	4	27'-7"	-	-	-	Same	-	-	-	-
F	3/4"	2	29'-6"	-	-	-	Same	-	-	-	-
G	1 1/2"	31	6'-7"	-	-	-	Same	-	-	-	-
H	3/4"	24	10'-8"	-	-	-	Same	-	-	-	-
I	1 1/2"	8	6'-8"	-	-	-	Same	-	-	-	-
M	3/4"	4	10'-8"	-	-	-	Same	-	-	-	-
A ₂	1 1/2"	16	24'-0"	-	-	-	Same	-	-	-	-
Clips		32		-	-	-	Same	-	-	-	-
Concrete			108.99 C.Y.		108.99 C.Y.		116.55 C.Y.		116.55 C.Y.		108.99 C.Y.
Rein. Steel			6257 Lbs.		6257 Lbs.		6533 Lbs.		6533 Lbs.		6257 Lbs.

DETAIL OF GROOVES
SCALE - 3" = 1'-0"

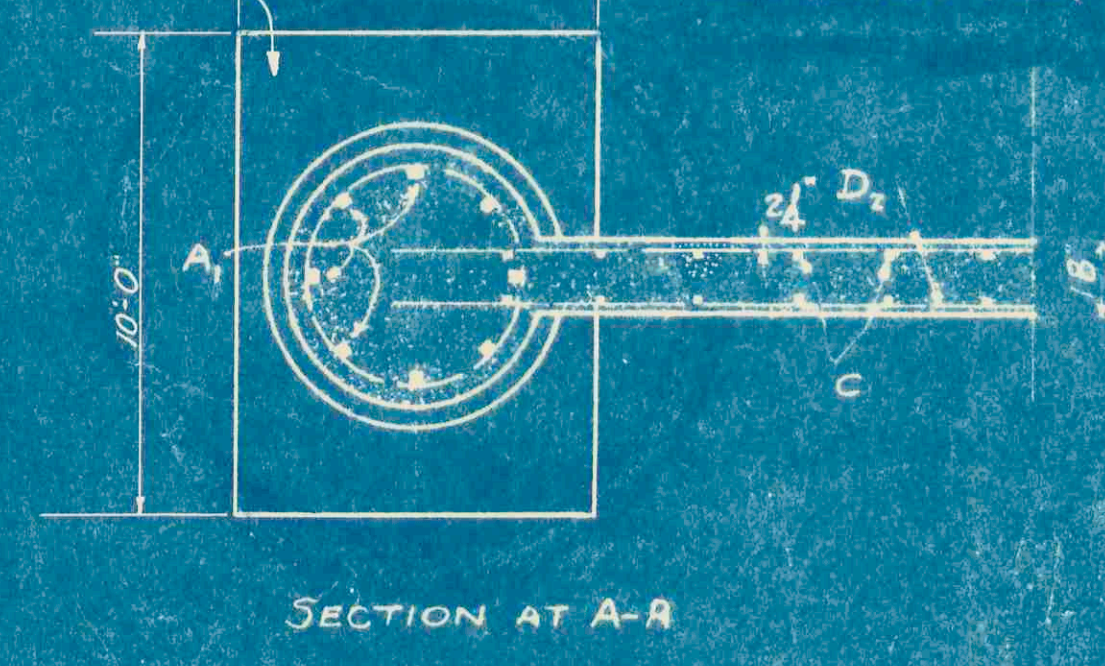
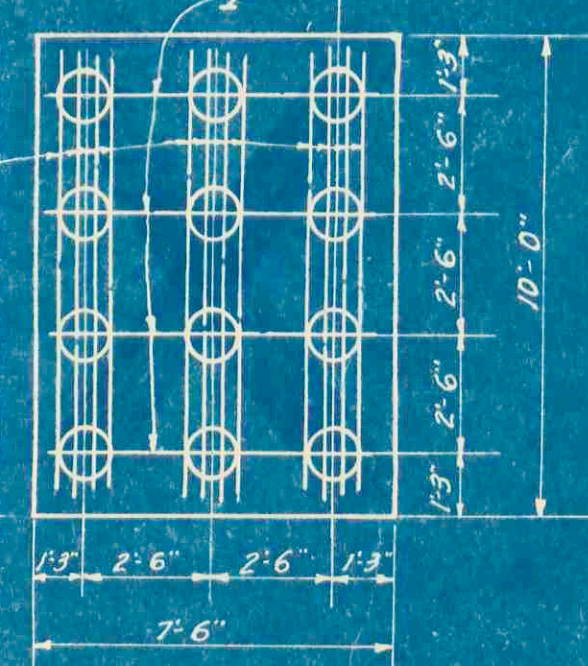
PIER	A	B	C	D	E
B	184.610	184.625	139.027	153.527	184.527
C	184.610	184.625	139.027	153.527	184.527
D	184.625	184.633	139.042	147.042	184.542
E	184.610	184.625	139.027	147.027	184.527
F	184.610	184.625	139.027	153.527	184.527



PIER	EXCAVATION		
	ROCK	WET	DRY
B		32	39
C		32	39
D		32	39
E		32	21
F		32	35
TOTAL			

PIER	A	B	C	D	E
B	45'-6"	39'-9"	29'-3"	10'-6"	5'-5 1/2"
C	45'-6"	39'-9"	29'-3"	10'-6"	5'-5 1/2"
D	45'-6"	39'-9"	35'-9"	4'-0"	5'-5 1/2"
E	45'-6"	39'-9"	35'-9"	4'-0"	5'-5 1/2"
F	45'-6"	39'-9"	29'-3"	10'-6"	5'-5 1/2"

NOTES -
Anchor bolts are to be set in green concrete immediately after the surface build-up on cap is finished. This procedure will require great accuracy in setting anchor bolts. It is suggested that a large heavy template be made; that the template be checked against the bearing plates; be actually fabricated; that template and forms be match-marked and that bolts be tried thru template to be sure they do not foul reinforcing steel.
All concrete to be Class 'A'.



Worked up for S.C. Docket 1220 quantities by Fred Newlin
Checked by P.M. 11-17-35
Worked up for S.C. Docket 4218 by P.M. 11-17-35
Checked by J.C.M.

S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA, S.C.
PIERS B, C, D, E AND F
FOR
BRIDGE OVER ROCKY RIVER
S.C. DOCKET 1220
ROUTE S.C. 184
ABBEVILLE COUNTY
NOVEMBER, 1935
SCALE 1/4" = 1'-0" UNLESS NOTED