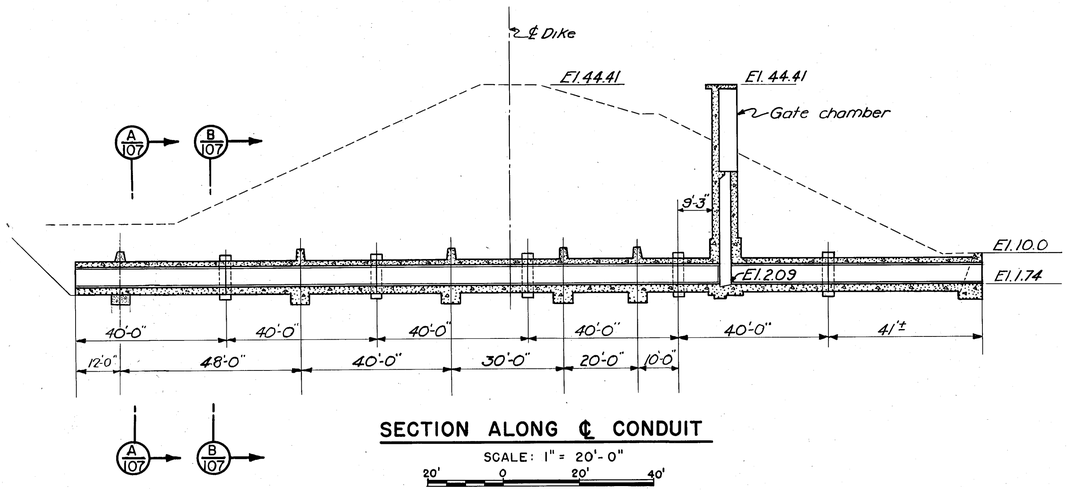
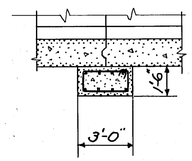


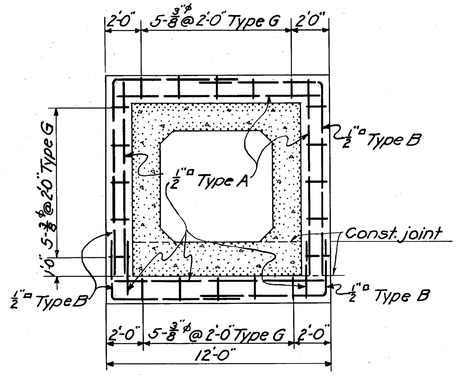
SECTION ALONG ℄ CONDUIT

SCALE: 1" = 20'-0"

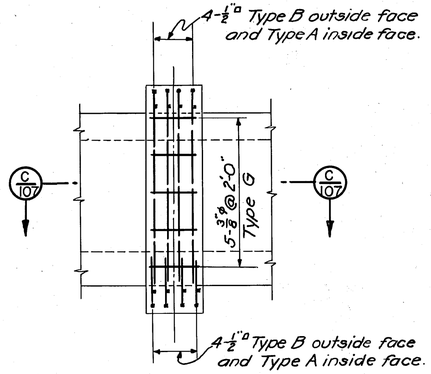
20' 0 20' 40'



SECTION C/107



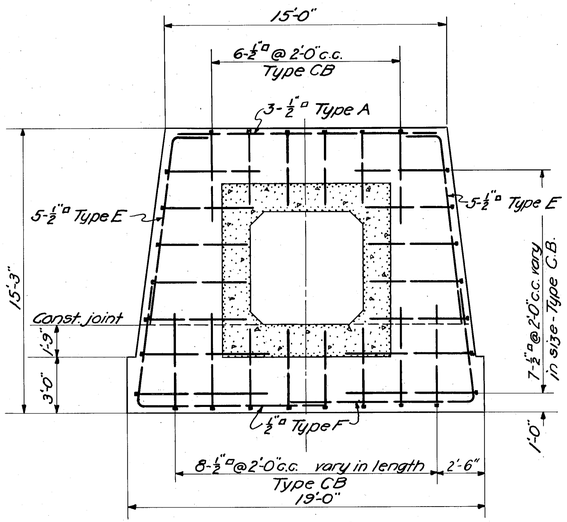
SECTION B/107



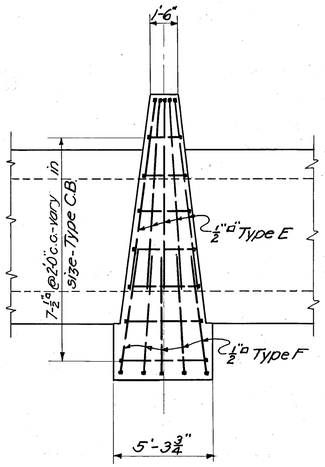
SIDE ELEVATION

CONDUIT COLLARS

SCALE: ¼" = 1'-0"



SECTION A/107

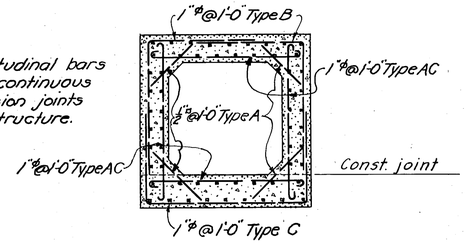


SIDE ELEVATION

SEEP RING

5 REQUIRED

SCALE: ¼ = 1'-0"



Note: All longitudinal bars are ½"□ @ 1'-0" cc. continuous between expansion joints except at gate structure.

TYPICAL CONDUIT SECTION

SCALE: ¼" = 1'-0"

NOTES:

For concrete details see Sheet No. 34.

For additional reinforcement details see Sheet No. 108.

For bar type schedule see Sheet No. 85.

The minimum cover for main steel reinforcement is 3" except where concrete is poured against earth in which case it is 4"

Bar splices are equal in length to 40 diameters of the smaller bar.

Radius of bend of bars is equal to 4 diameters of the bar.

Payment for furnishing, bending, and placing of steel reinforcement was made under Item No. 25.

KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY
	12-31-45	As built revisions.			

CONNECTICUT RIVER FLOOD CONTROL

HARTFORD DIKE

RIVERFRONT, MORGAN ST. TO STA. 96+73

KEENEY LANE CONDUIT AND GATE STRUCTURE

STEEL REINFORCEMENT NO. I

CONNECTICUT RIVER — CONNECTICUT

IN 135 SHEETS — SCALE: 1/4 IN. = 1 FT. — SHEET NO. 107

5' 0 5' 10'

U. S. ENGINEER OFFICE, PROVIDENCE, R. I., MAY 1940

SUBMITTED: Henry A. Fuller, SENIOR ENGINEER, HEAD, DESIGN SECTION

APPROVAL RECOMMENDED: D. Brune, PRINCIPAL ENGINEER, CHIEF, F.C. ENGINEERING DIV.

APPROVED: W. Sturgis, LT. COL., CORPS OF ENGINEERS, DISTRICT ENGINEER

DESIGNED: J. C. Longstaff, ASSOC. ENGINEER

DRAWN: J.H.L.

TRACED: H.E.B.

CHECKED: [illegible]

FISCAL YEAR 1940

FILE NO. CT-4-2567

Ht. 5&7b

107

11-15-4