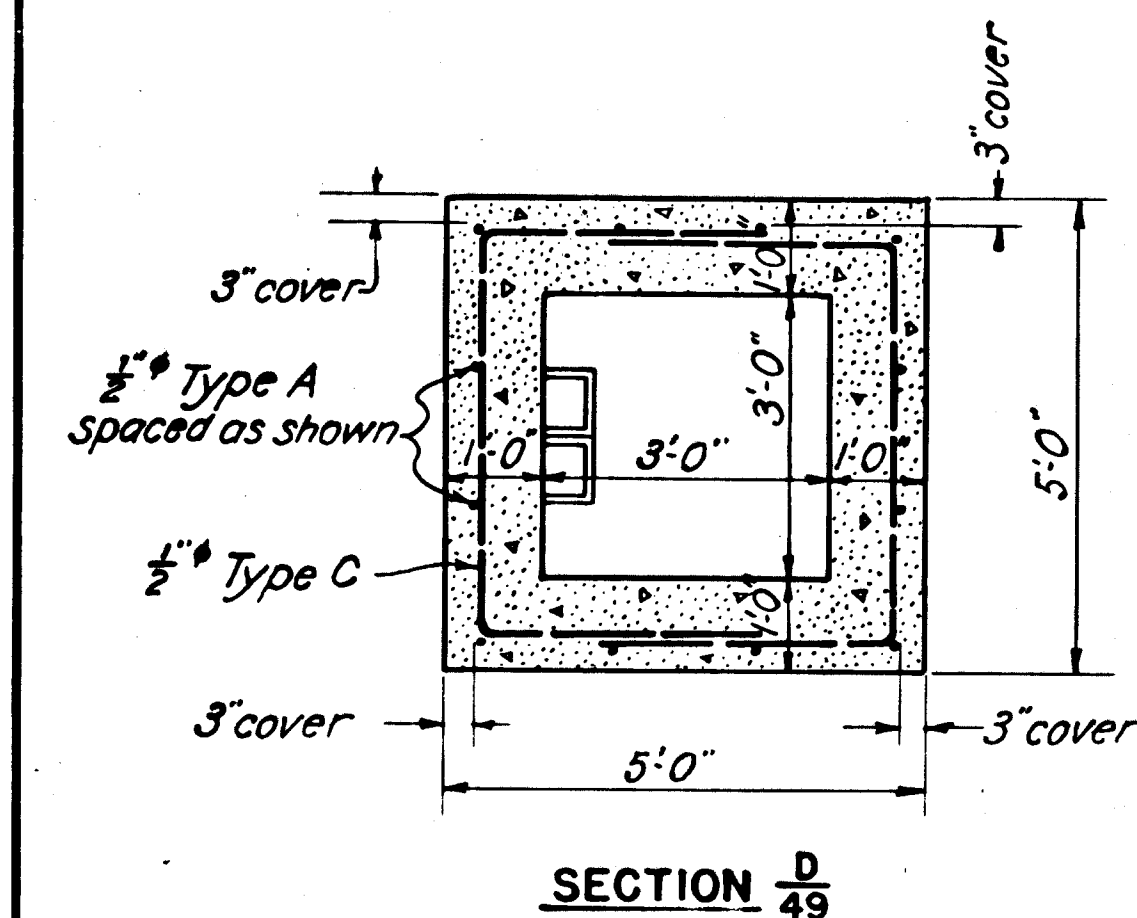
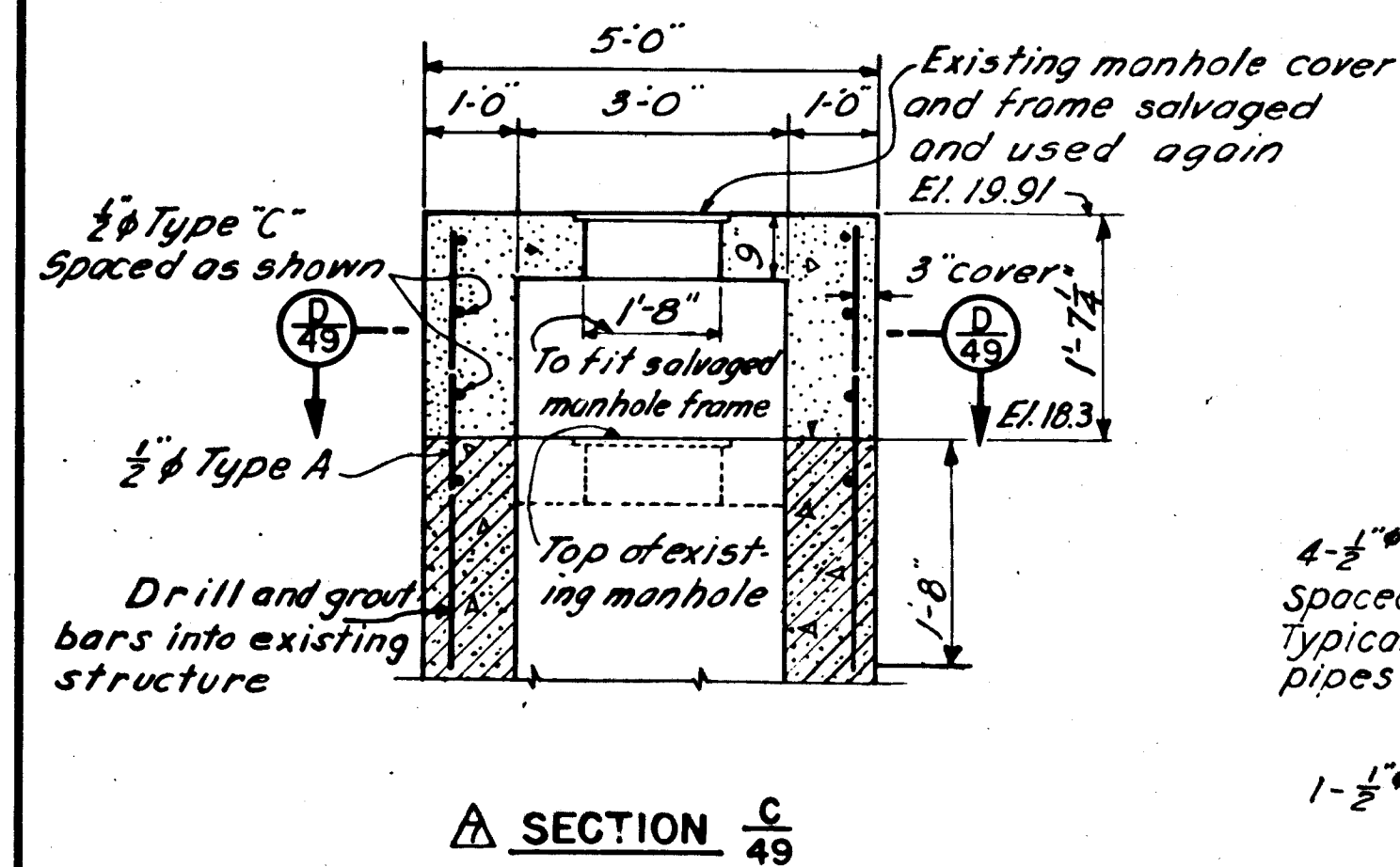
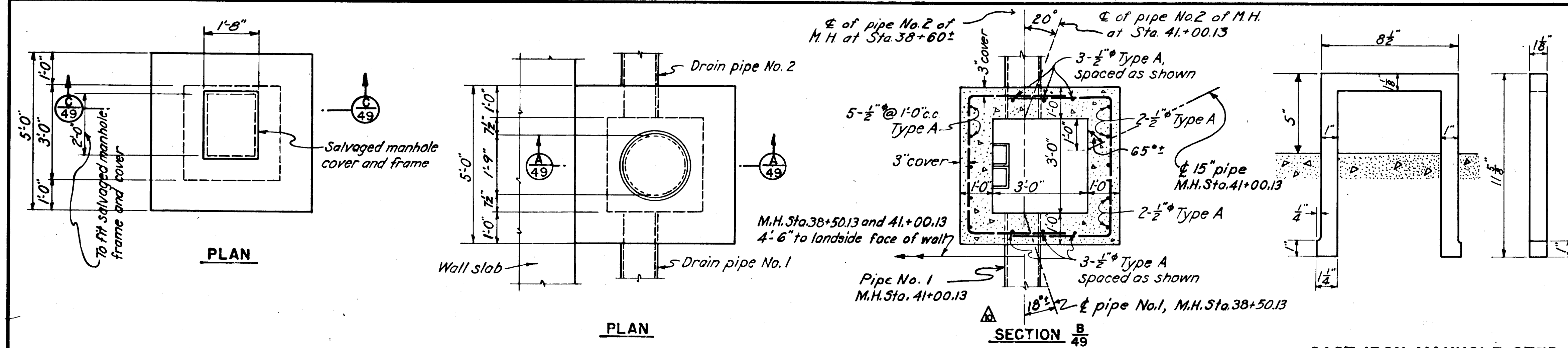
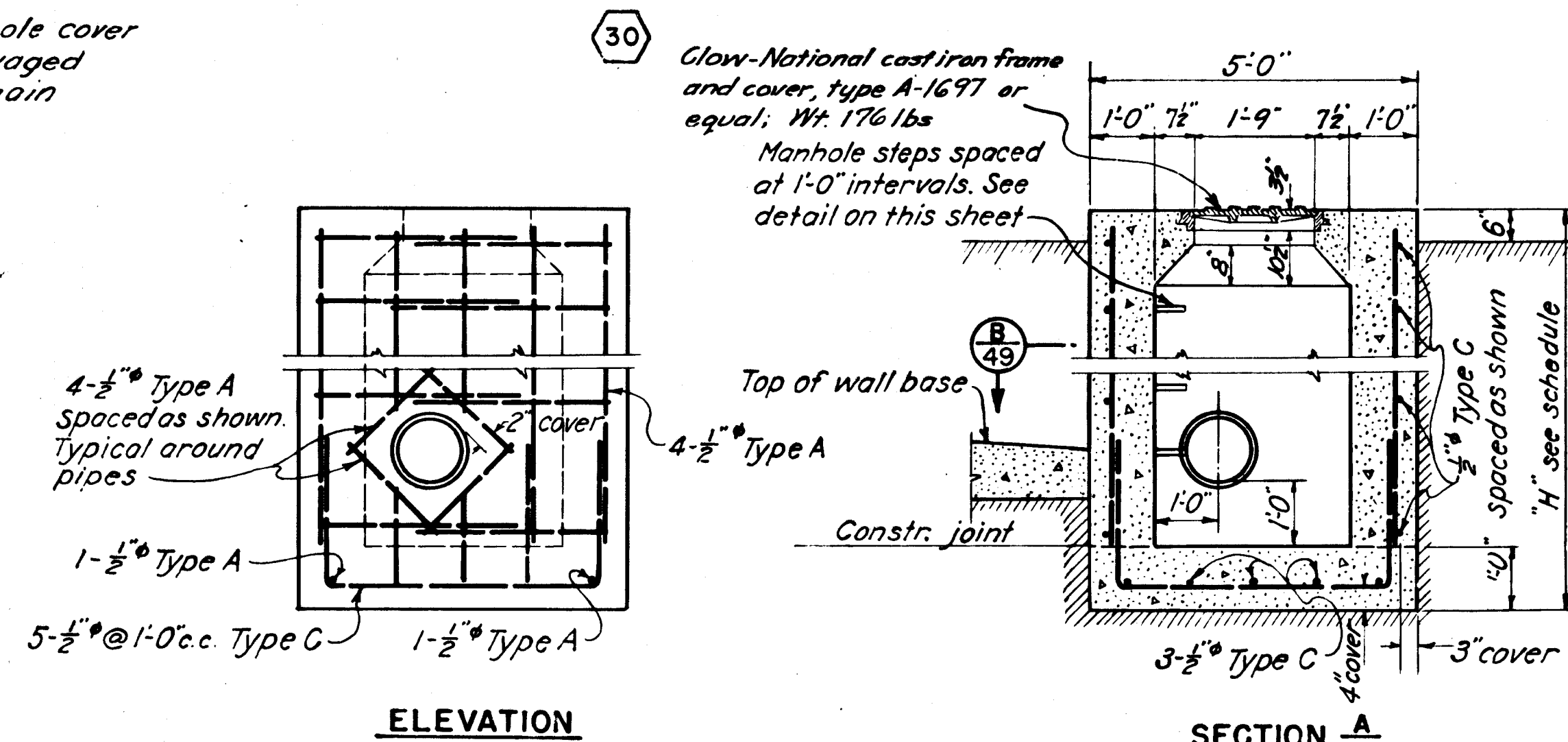




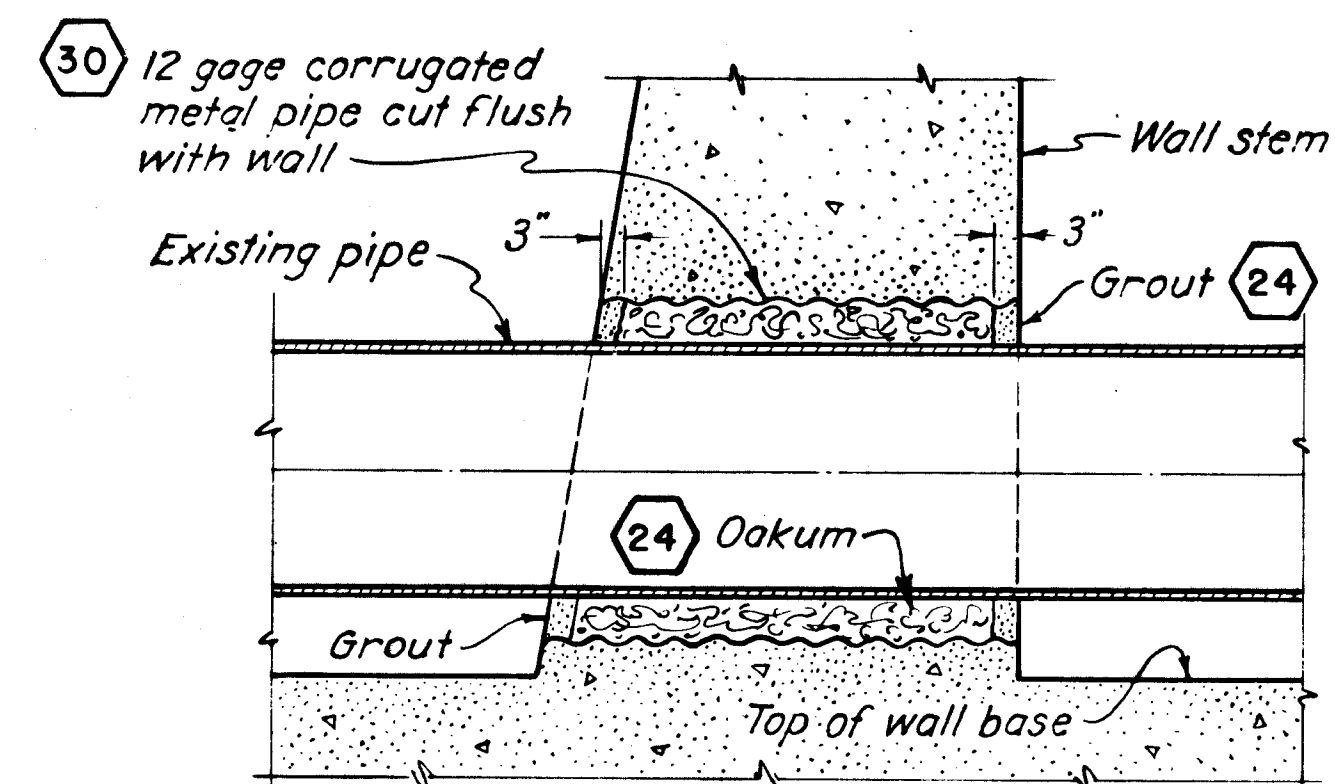
METHOD OF RAISING EXISTING MANHOLE

SCALE $\frac{1}{2}'' = 1'-0''$

For location of existing manhole raised at Sta. 39+79.7 see Sheet No. 43

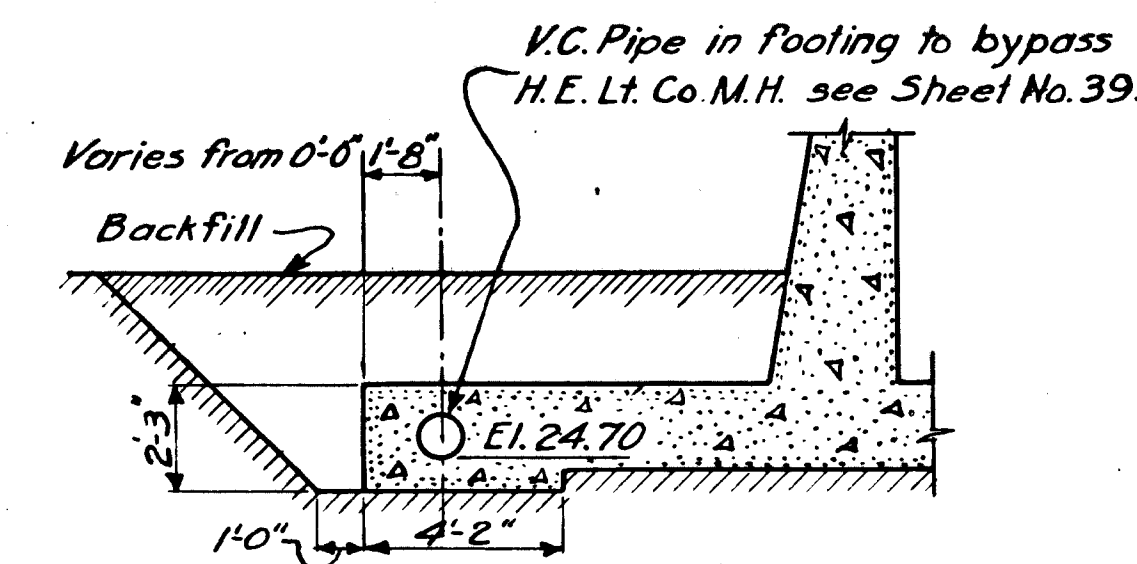


DETAILS OF MANHOLES

SCALE $\frac{1}{2}'' = 1'-0''$ SCALE $\frac{1}{2}'' = 1'-0''$

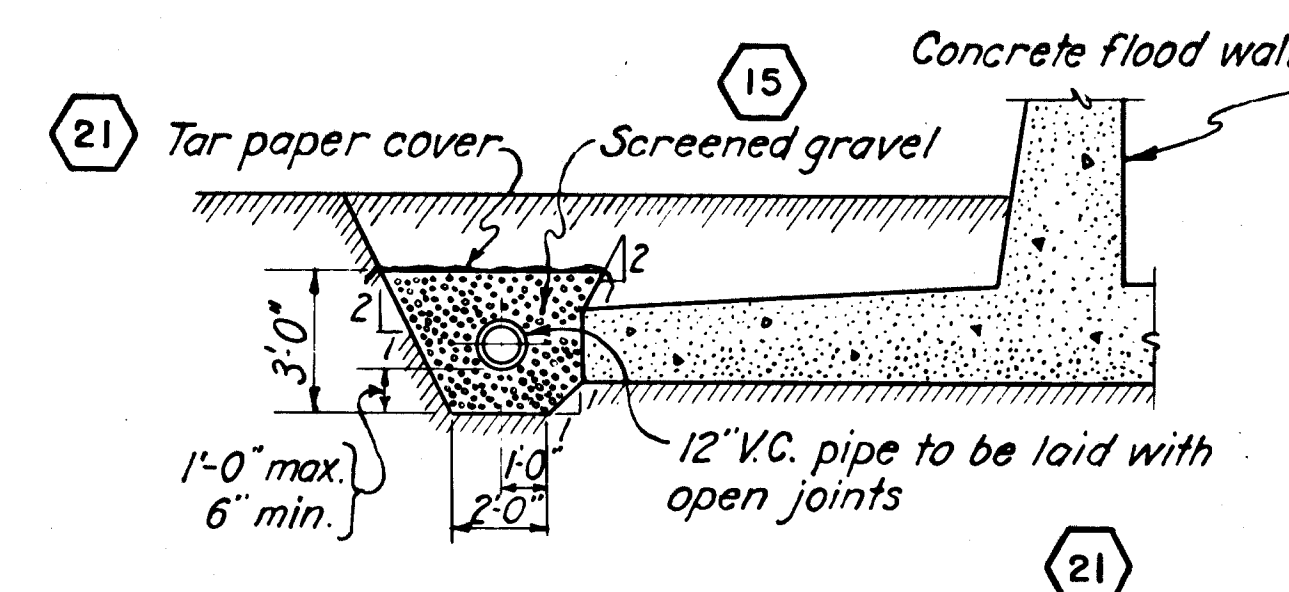
CAST IRON MANHOLE STEP

NUMBER REQ'D. 18 (8-THIS SHEET 10-SHEET NO. 58)
TOTAL WEIGHT 172.8 LBS.

SCALE $\frac{3}{4}'' = 1'-0''$ 

DETAIL OF TOE DRAIN

TYPICAL FROM STA. 37+49.3 TO STA. 37+69.3

SCALE $\frac{1}{4}'' = 1'-0''$ 

DETAIL OF TOE DRAIN

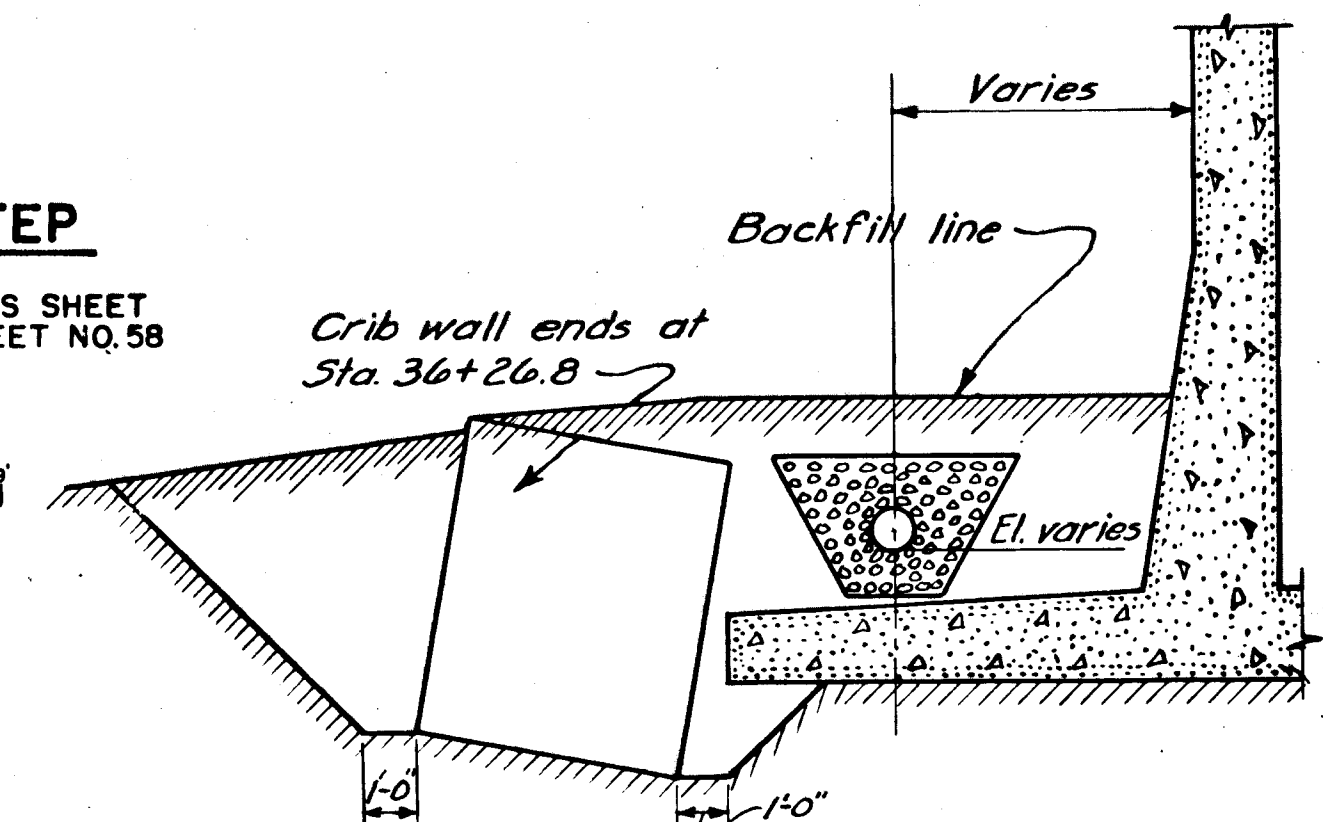
TYPICAL FROM STA. 36+57.5 TO STA. 37+49.3 AND STA. 37+69.3 TO STA. 38+34

SCALE $\frac{1}{4}'' = 1'-0''$

KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY
	12-31-45	As built revisions			
	10-6-41	Manhole eliminated, drains revised.	P.C.H.	J.C.D.	J.B.
	3/10/41	Manholes revised	W.A.C.	J.H.	J.B.

MANHOLE SCHEDULE

STATION	TOP ELEV.	PIPE SIZE	INVERT ELEV.	PIPE SIZE	INVERT ELEV.	HEIGHT 'H'	STEPS REQ'D.
38+50.13	28.87	12"	24.66	12"	24.66	6.21	3
41+00.13	28.41	12"	24.27	12"	24.27	6.11	5



DETAIL OF TOE DRAIN

TYPICAL FROM STA. 35+81.31 TO STA. 36+57.5

SCALE $\frac{1}{4}'' = 1'-0''$

NOTES

Elevations refer to Mean Sea Level Datum
Figures in hexagons indicate item numbers under which payment will be made.
All concrete shown on this sheet shall be class "A" and payment will be made under Item No. 24
For location and grades of pipe drain see Sheets No. 16, 39, and 54.
All exposed corners of concrete shall have 1" chamfer except as noted.
Payment for all reinforcing steel shown on this sheet will be made under Item No. 25

CONNECTICUT RIVER		FLOOD CONTROL	
HARTFORD		DIKE	
RIVERFRONT, MORGAN ST. TO STA. 96+73			
MANHOLE DETAILS			
DUTCH POINT STATION			
CONNECTICUT RIVER		CONNECTICUT	
IN 135 SHEETS		SHEET NO. 49	
SCALE: 1/2 IN. = 1 FT.			
			
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., MAY 1940			
SUBMITTED:		APPROVAL RECOMMENDED:	
<i>W.A.C.</i>		<i>J.B.</i>	
SENIOR ENGINEER		PRINCIPAL ENGINEER	
HEAD, DESIGN SECTION		CHIEF, P.C. ENGINEERING DIV.	
APPROVED:		<i>J.B.</i>	
		LIEUT. COL. OF ENGINEERS	
		DISTRICT ENGINEER	
DESIGNED:		DRAWN:	
<i>J.B.</i>		P.M. O.W.C.	
ASSOC. ENGINEER		TRACED:	
		G.W.C.	
		CHECKED:	
		<i>W.A.C.</i>	
		FISCAL YEAR 1940	
		FILE NO. CT-4-2509	