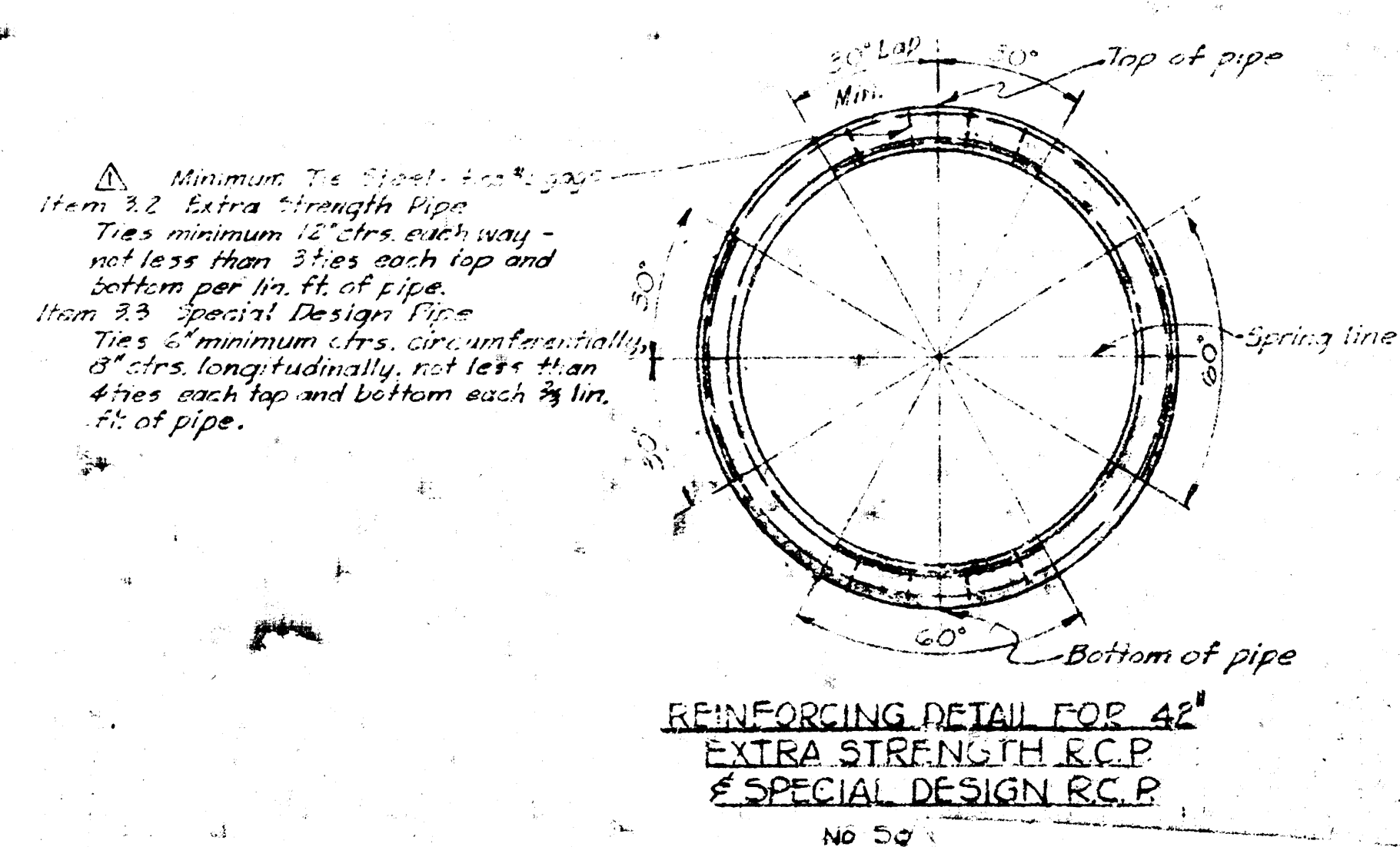
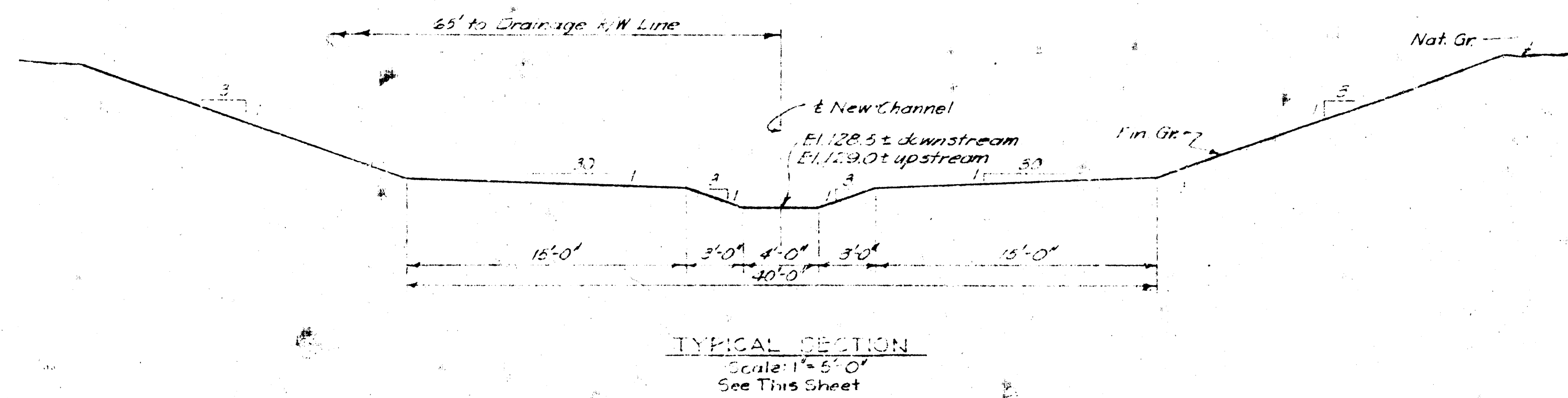
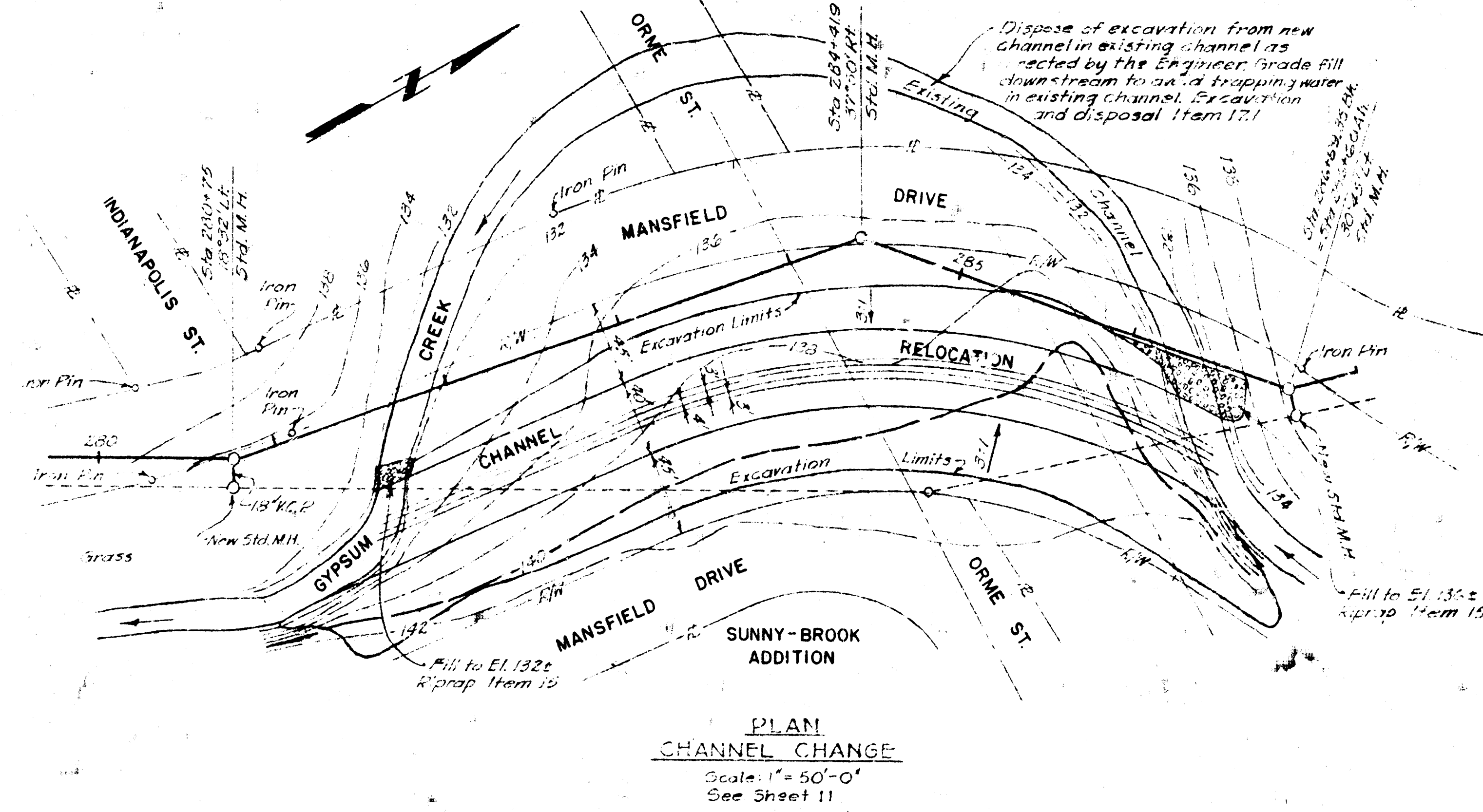
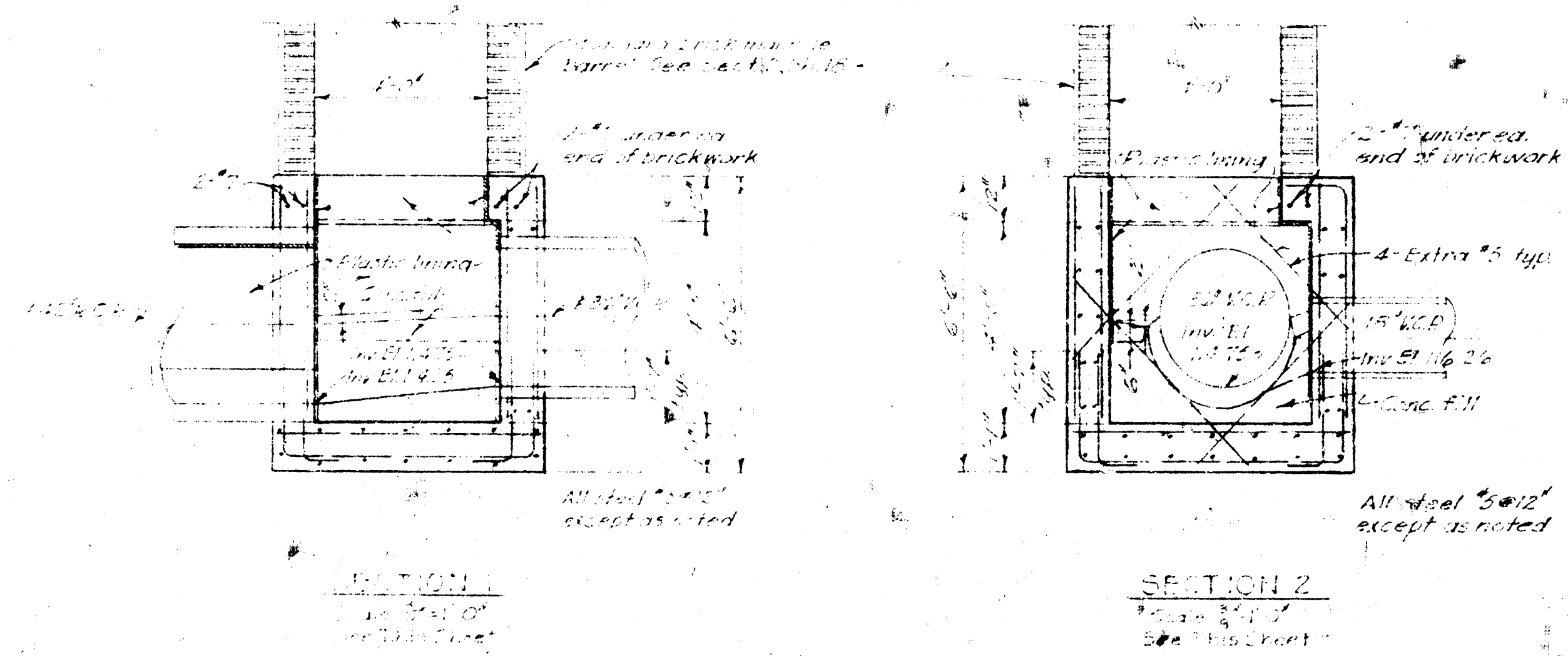
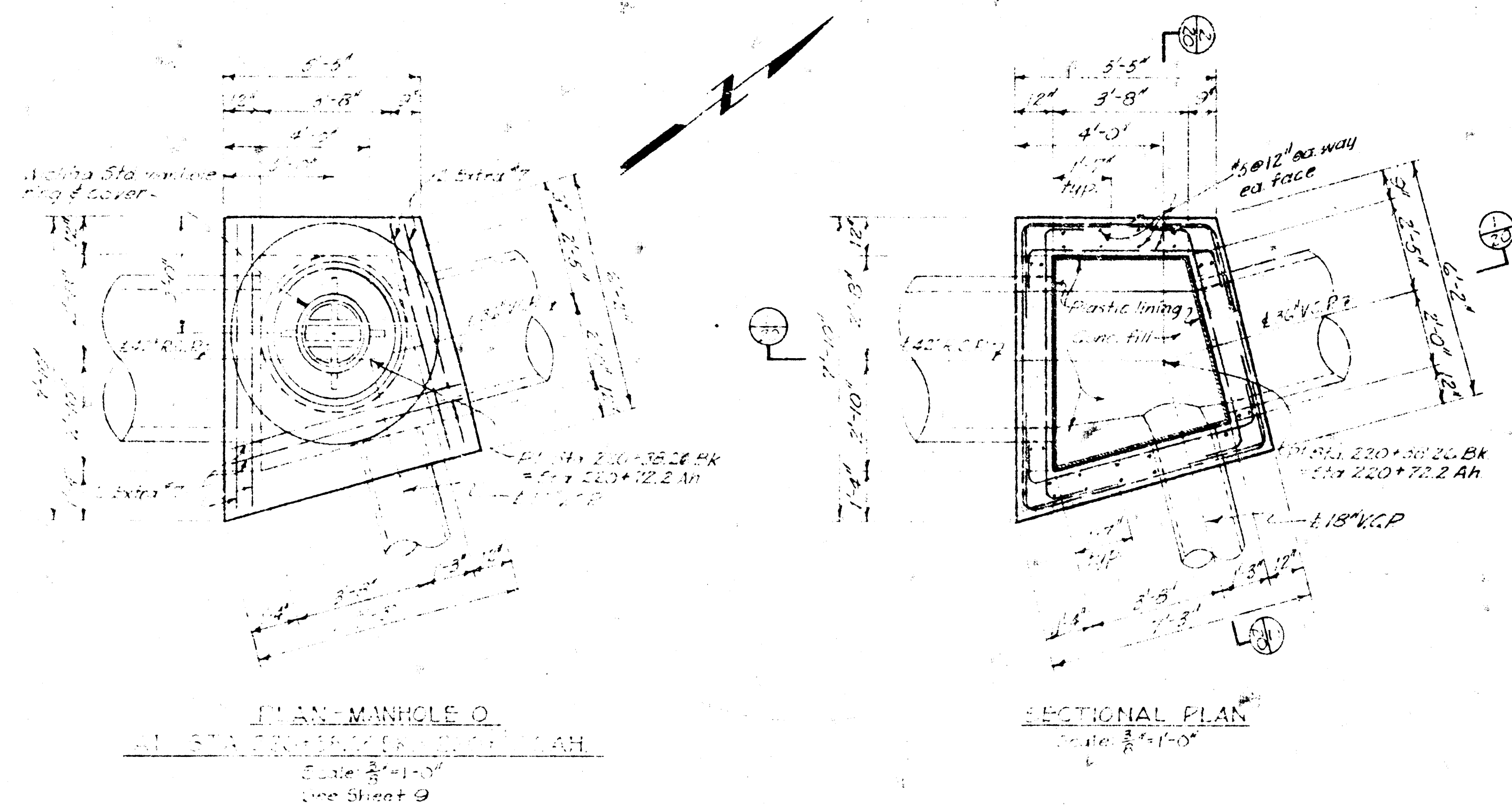




JAN 20 1956

Notes:
Inside walls and top of manhole structures to be lined with plastic lining as shown.
No lining required on concrete to supports of manhole structures, or brick curbs.
Pipe entering or leaving manhole shall be encased with concrete as shown in M.H. B. sh. 13d-22.
Reinforce each pipe opening with 4 extra bars in each face, placed as shown in Sect. 2 of this sheet.

No.	Date	Revision	By	Appr.
1	10/24	Reinforcing Detail for 48" R.C.P.	RLM	W.P.

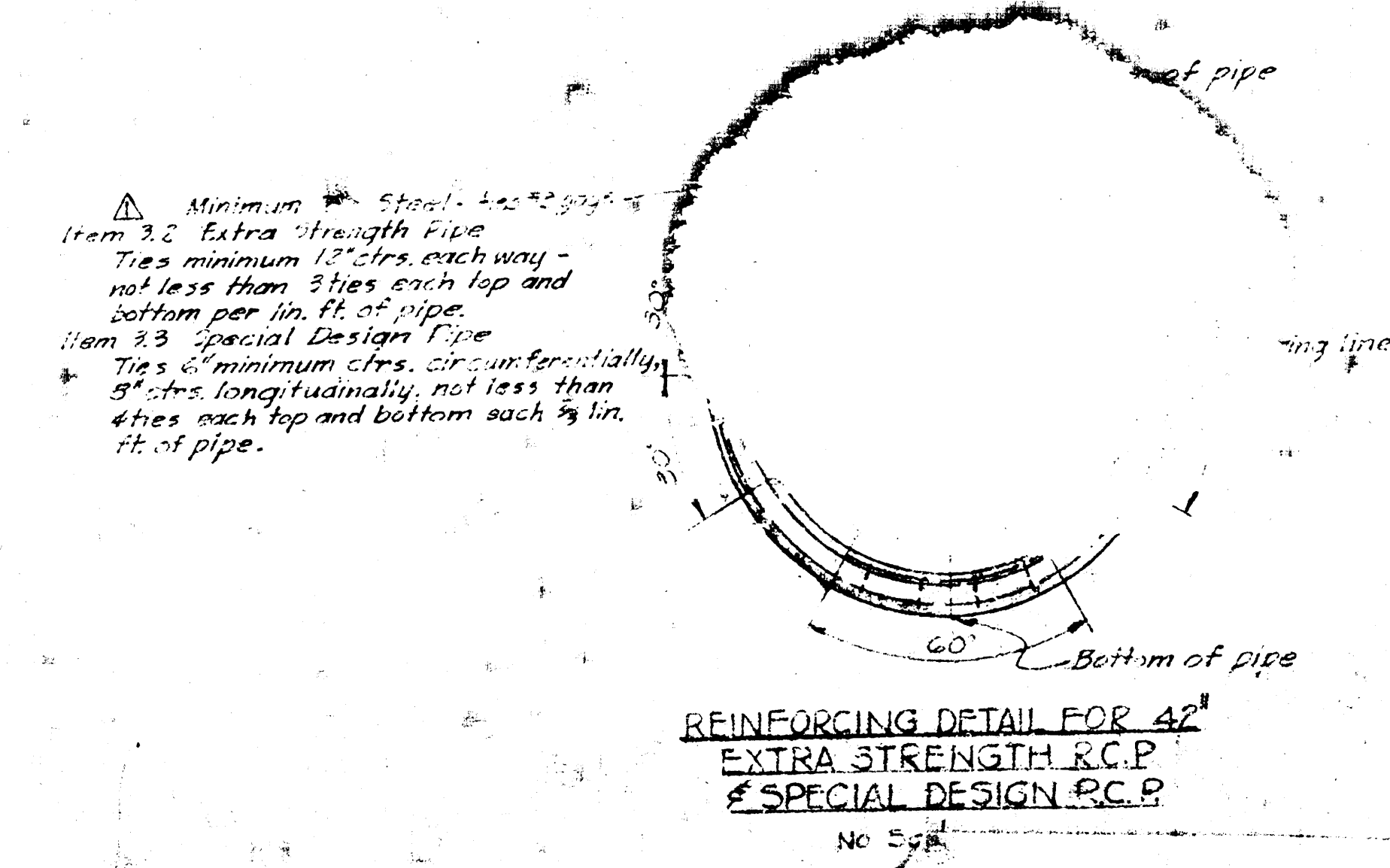
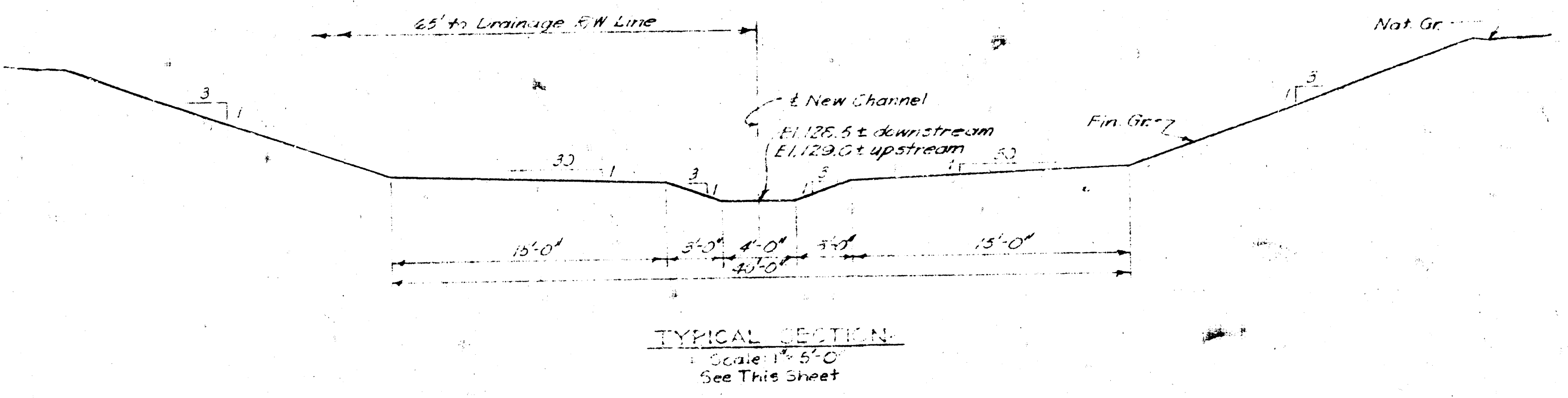
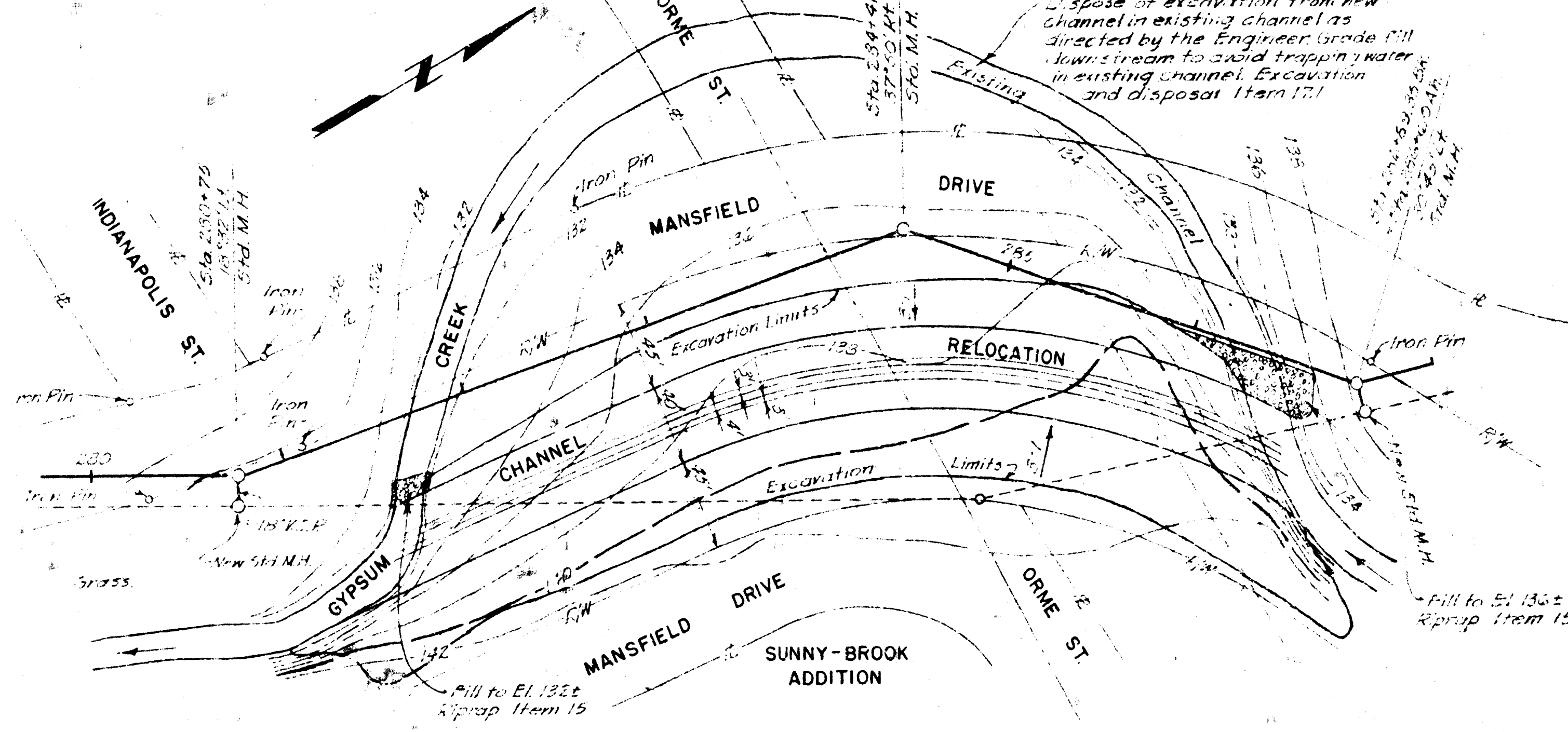
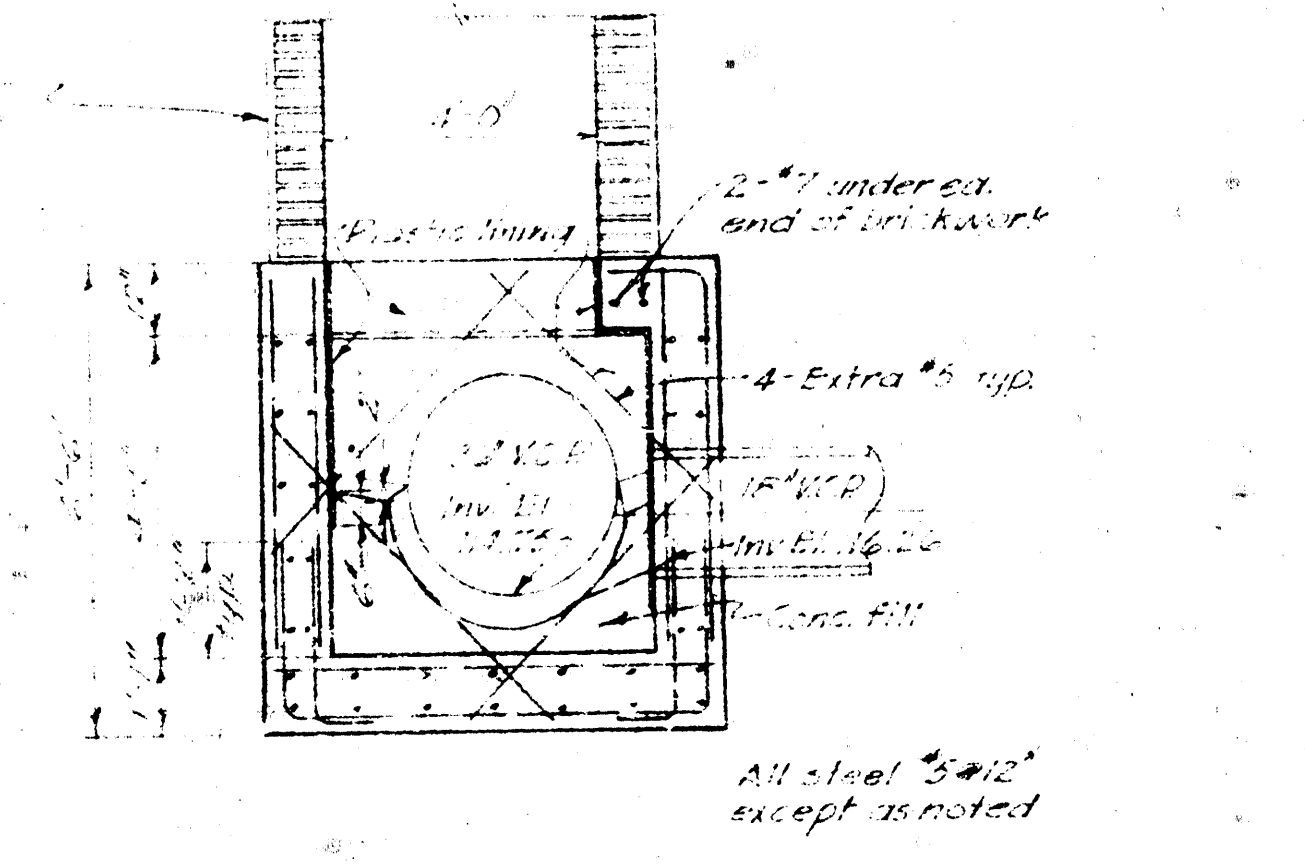
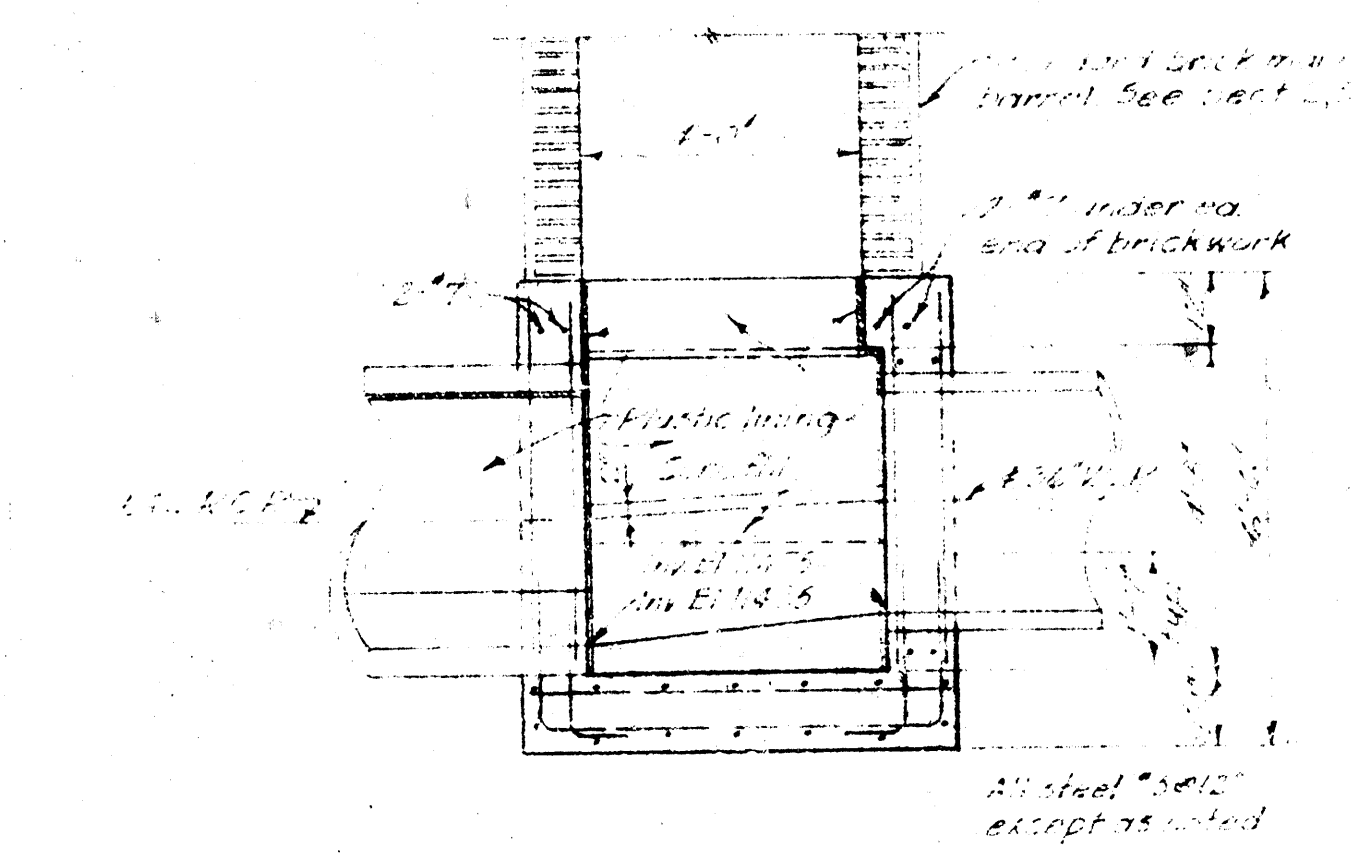
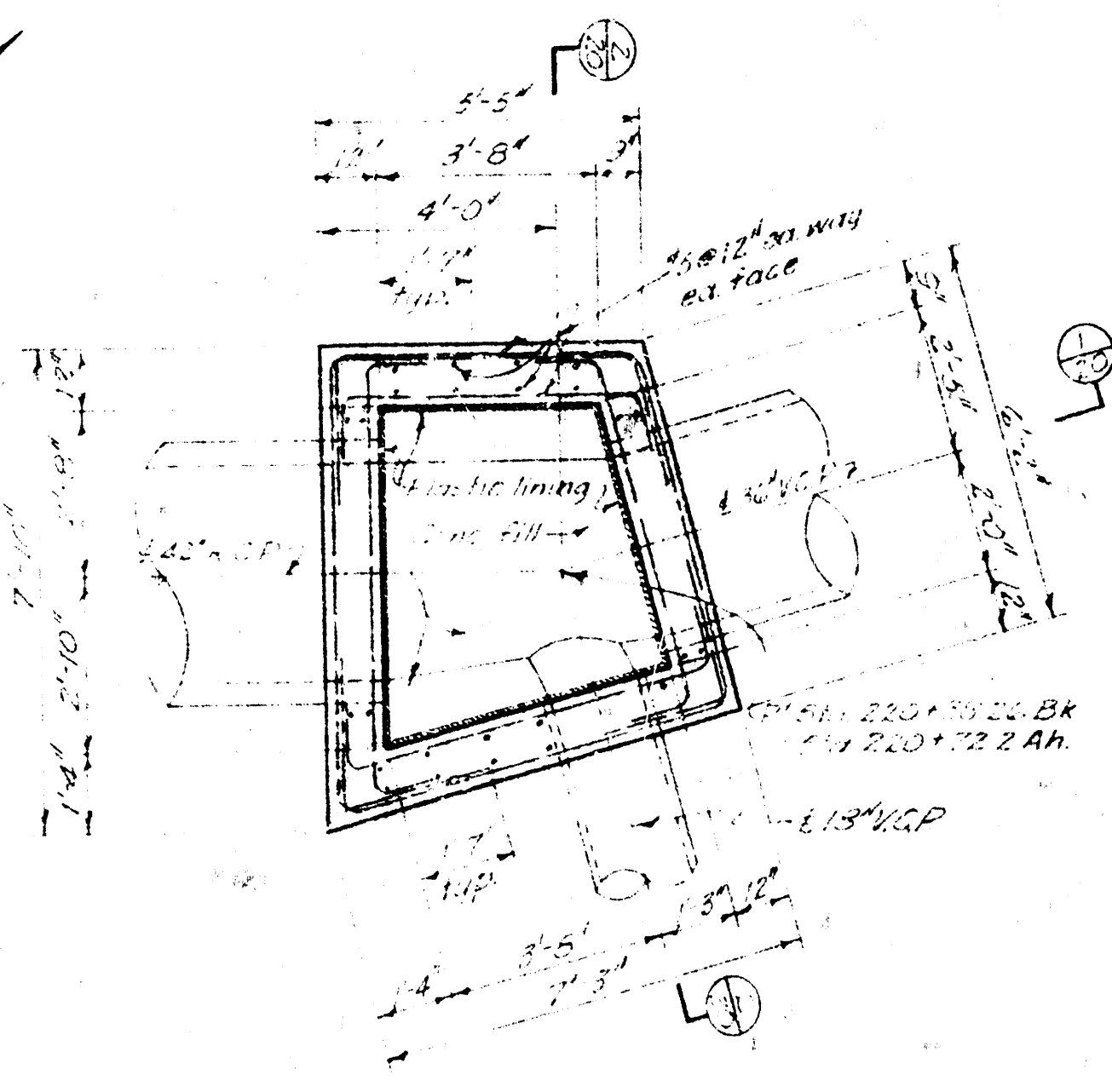
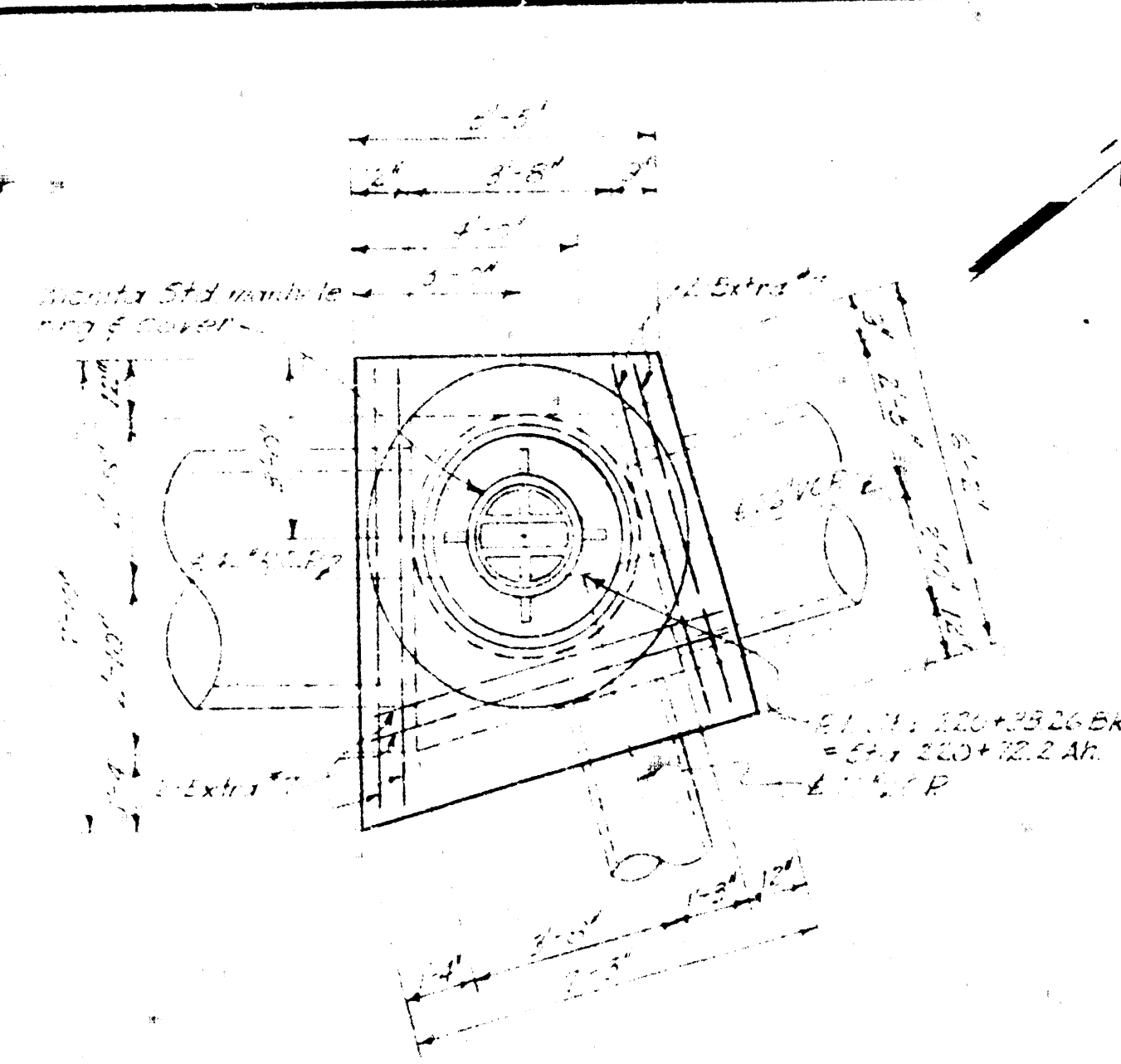
WICHITA, KANSAS
ALTERING, REPAIRING, OR RECONSTRUCTING THE
WAR INDUSTRIES SEWER

**MANHOLE O, R.C.P. REINFORCING DETAIL
CHANNEL CHANGE**

BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED RLM	RES	CHECKED RES	DATE 12/27/55	SHEET 20 OF 20
DETAILS RLM	RES	APPROVED	DATE 12/27/55	

Revised
W. I. S.
@ Orme &
Mansfield

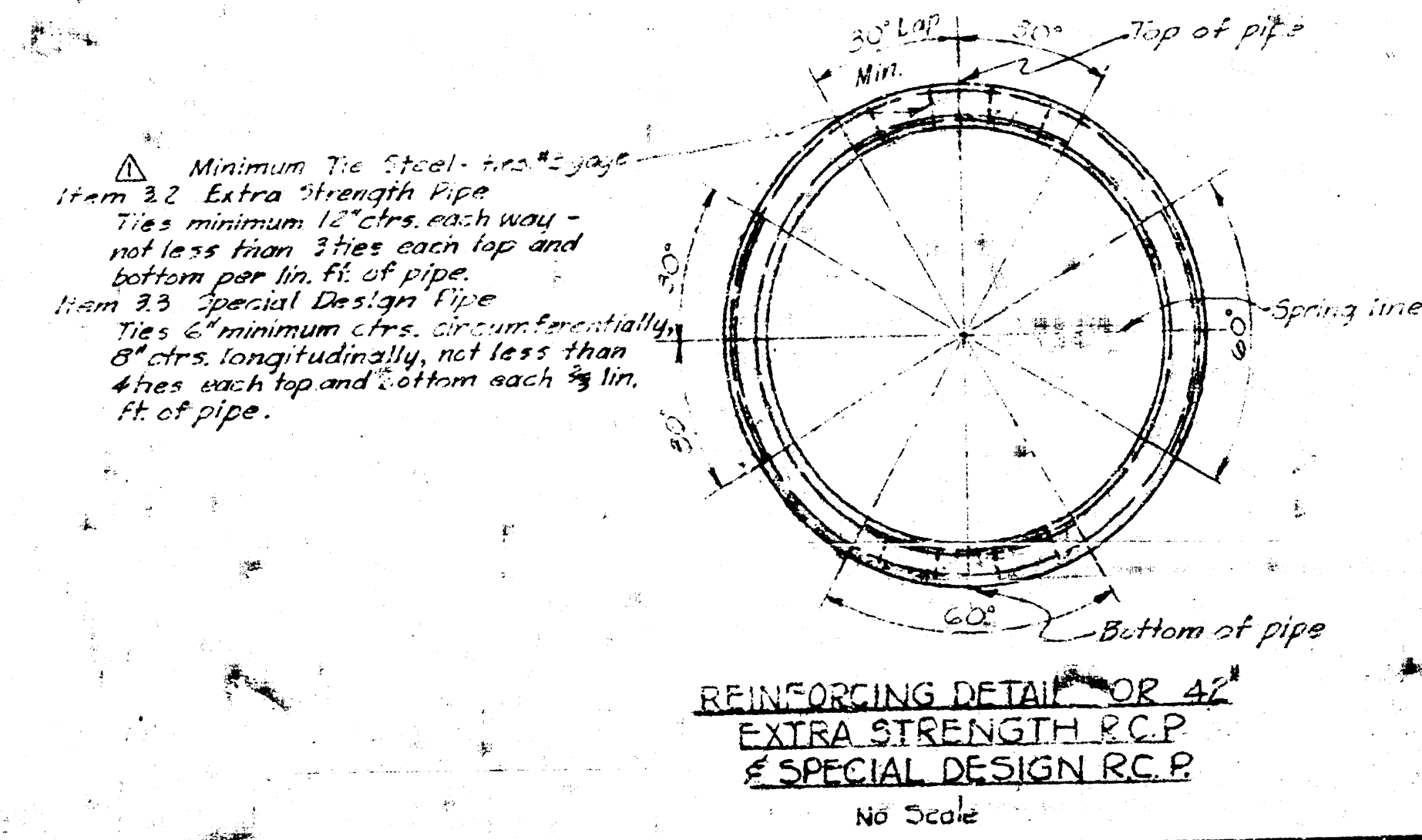
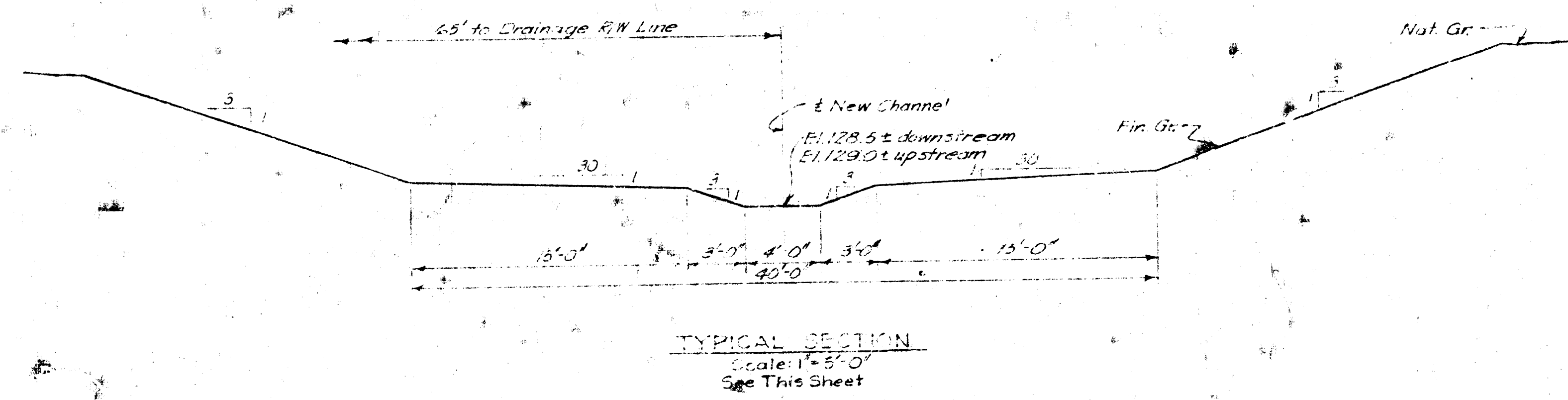
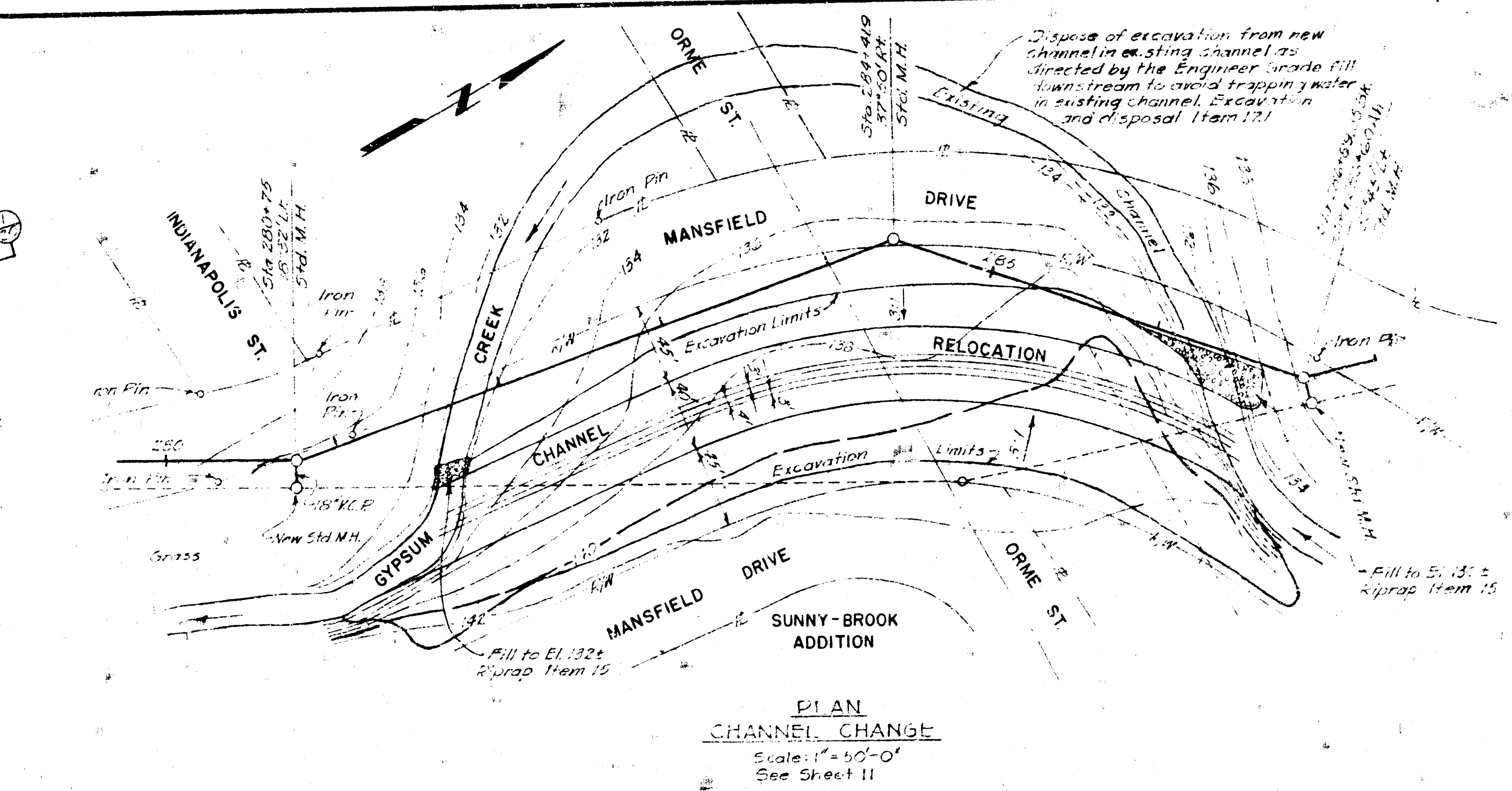
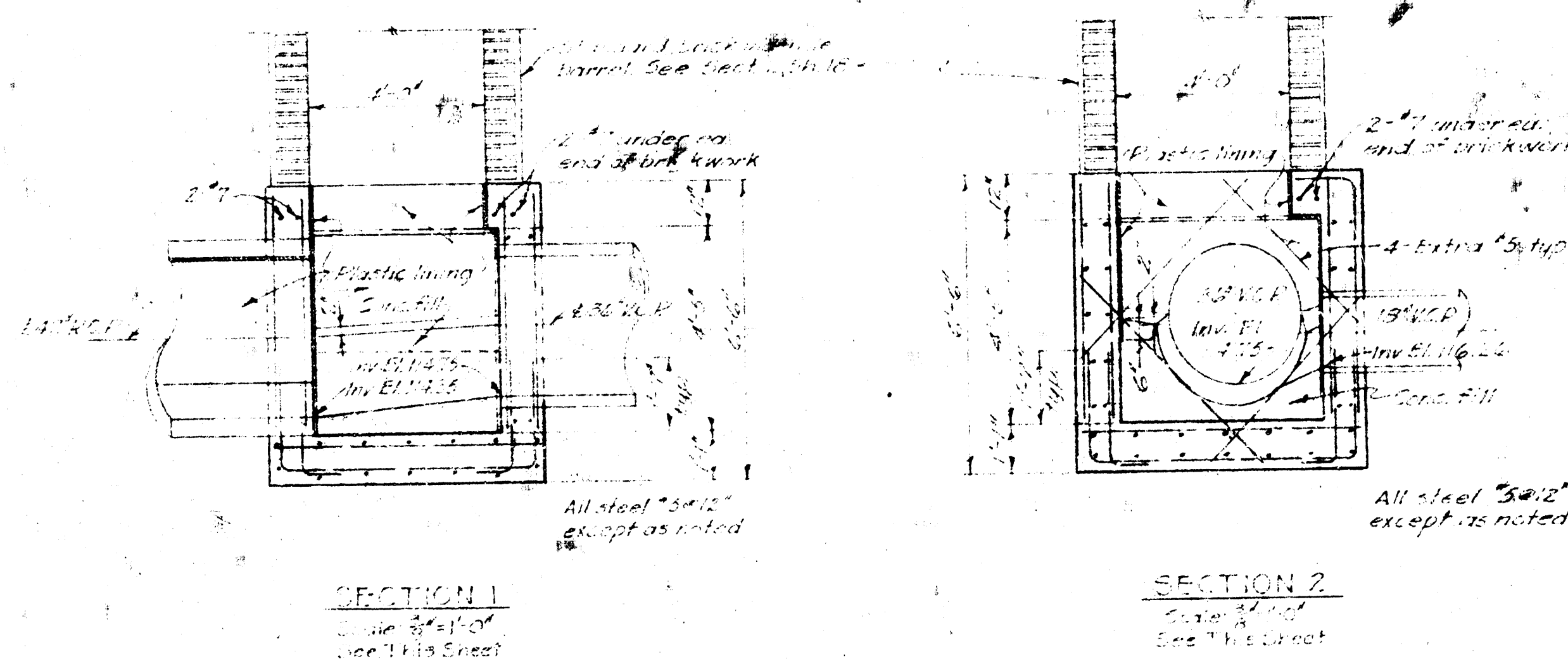
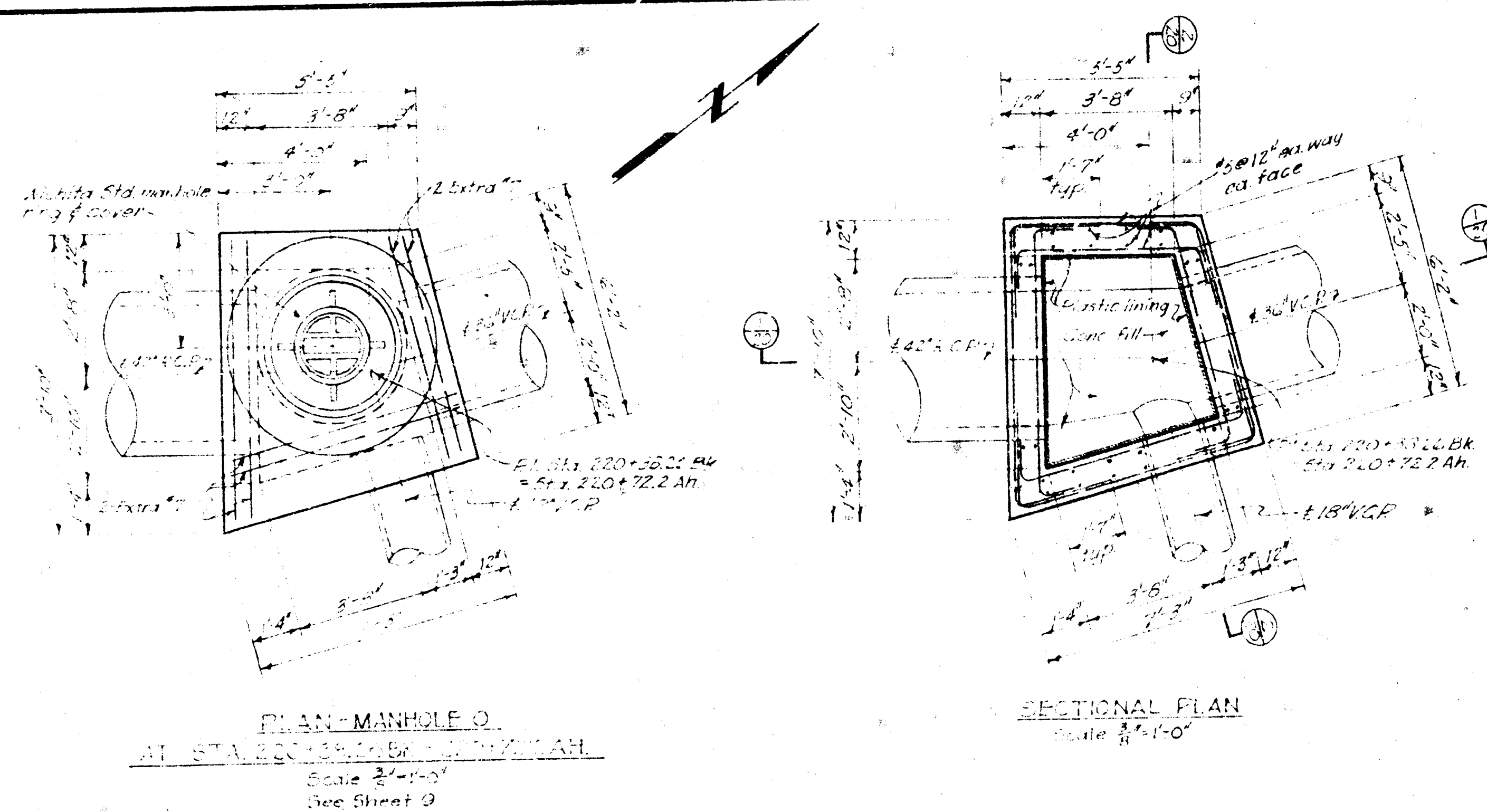


JAN 23 1955

Note:
Inside walls and top of manhole structures to be lined with plastic lining as shown.
No lining required on concrete invert of manhole structures or brick barrels.
Pipe entering or leaving manhole shall be encased with concrete to elevation M.H. B 9h.13 of 20.
Reinforce each pipe opening with 4 extra #5 bars in each face, placed as shown in Sect. 2 of this sheet.

DESIGNED BY	CHKD BY	APPROVED BY	SHEET
W. M. R. S.	W. M. R. S.	W. M. R. S.	20 OF 20
DATE	DATE	DATE	

WICHITA, KANSAS
ALTERING, REPAIRING, OR RECONSTRUCTING THE
WAR INDUSTRIES SEWER
MANHOLE O, R.C.P. REINFORCING DETAIL
CHANNEL CHANGE
BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.



JAN 20 1955

Notes:
1. Insulate water and type of manhole structures to be determined with plastic lining as shown.
2. No lining required in concrete structures or brick barrels.
3. Pipe entering or leaving a structure shall be encased with concrete as shown in Plan M.H. B. Sh. 13 of 20.
4. Reinforce each pipe entering with 4 extra bars in each direction as shown in Section 2 of this sheet.

Revised	By	Checked	By
1/20/55	KLW	1/20/55	KLW

WICHITA, KANSAS
ALTERING, REPAIRING, OR RECONSTRUCTING THE
WAR INDUSTRIES SEWER

**MANHOLE O, R.C.P. REINFORCING DETAIL
CHANNEL CHANGE**

BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED BY RES
CHECKED BY RES
APPROVED BY RES
DATE 1/20/55

SHEET 20 OF 20