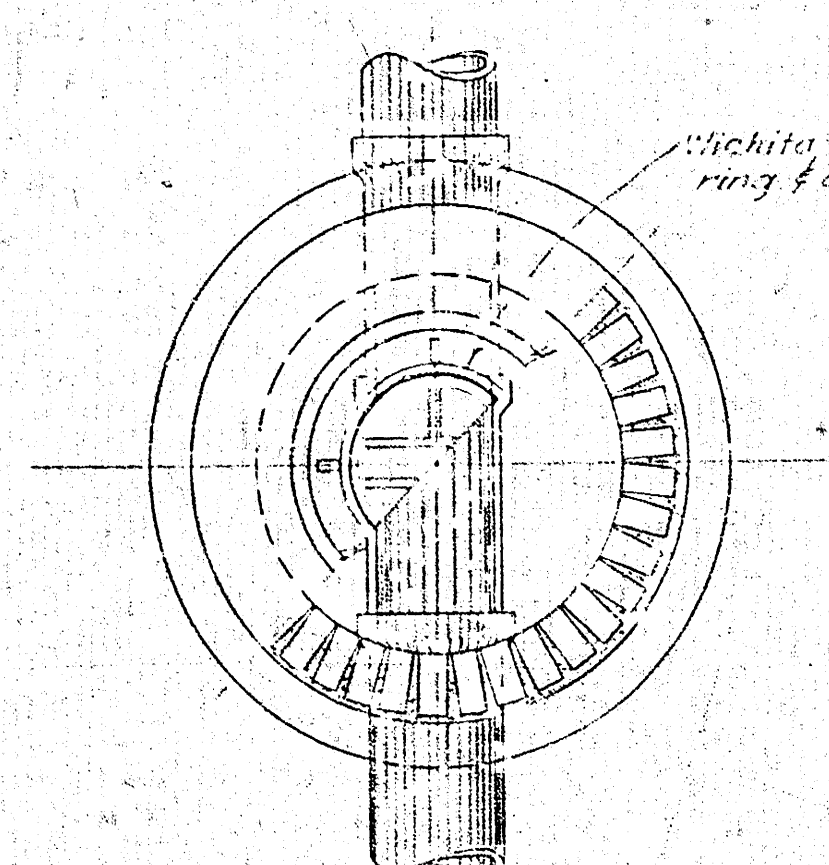
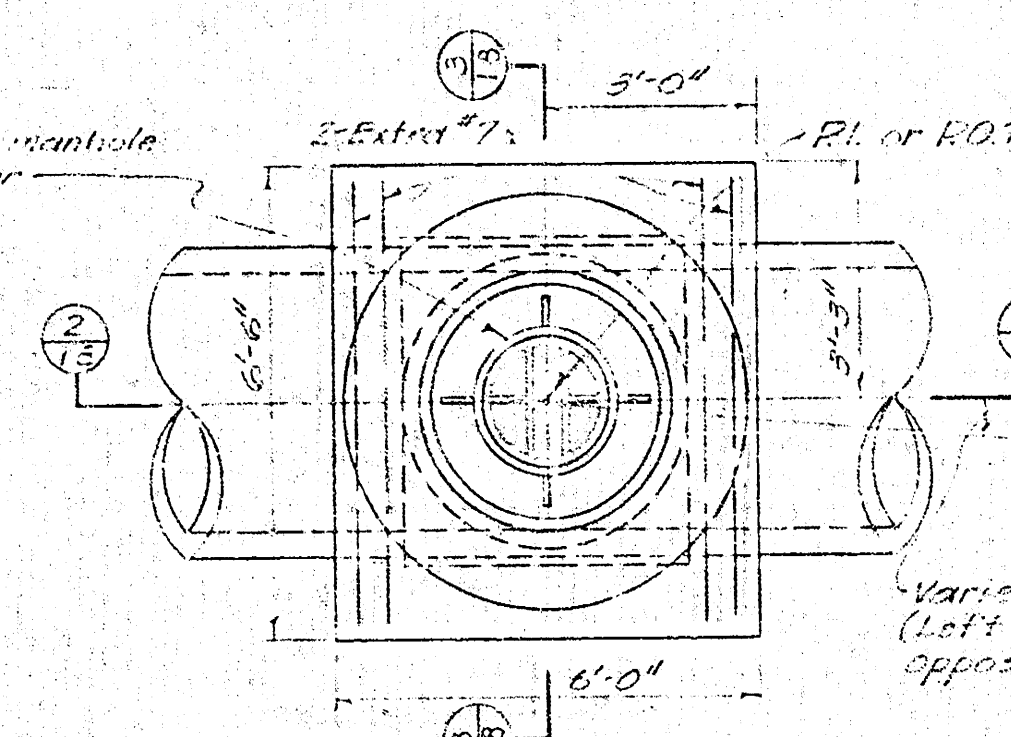
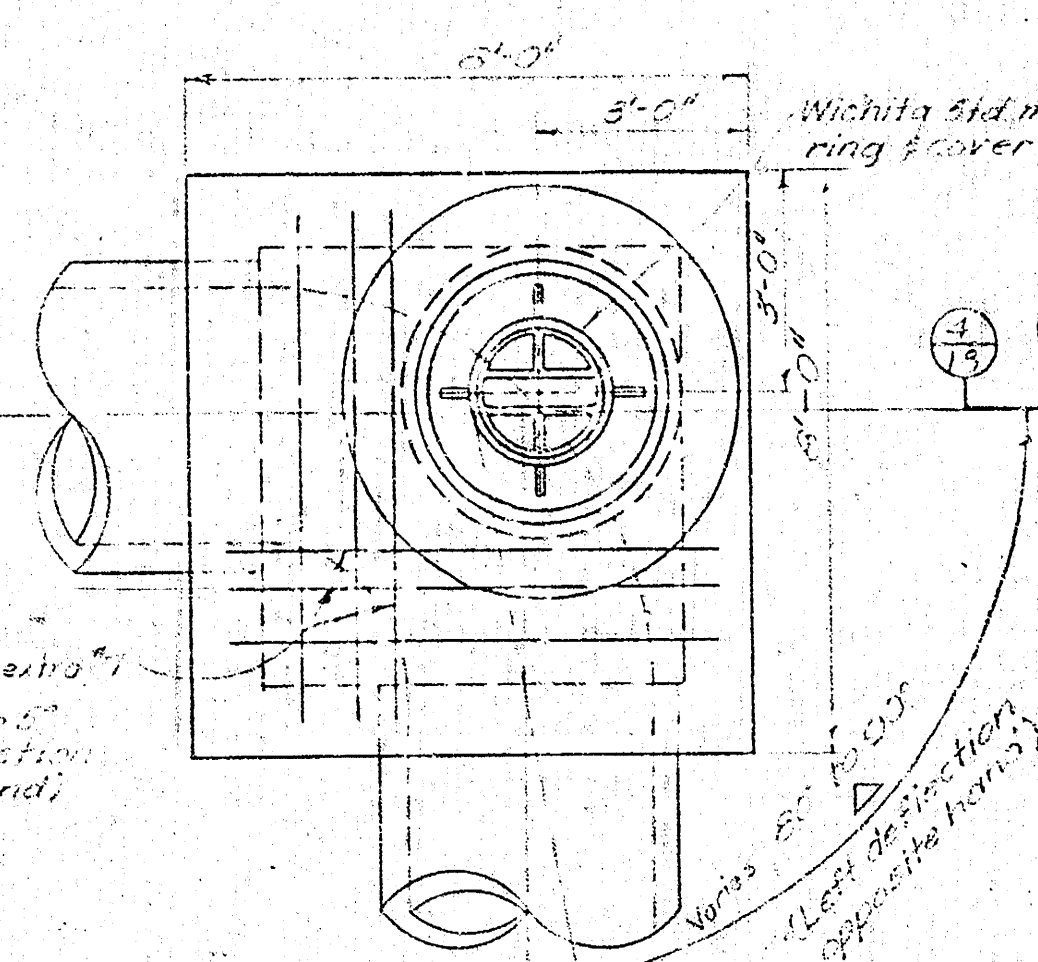




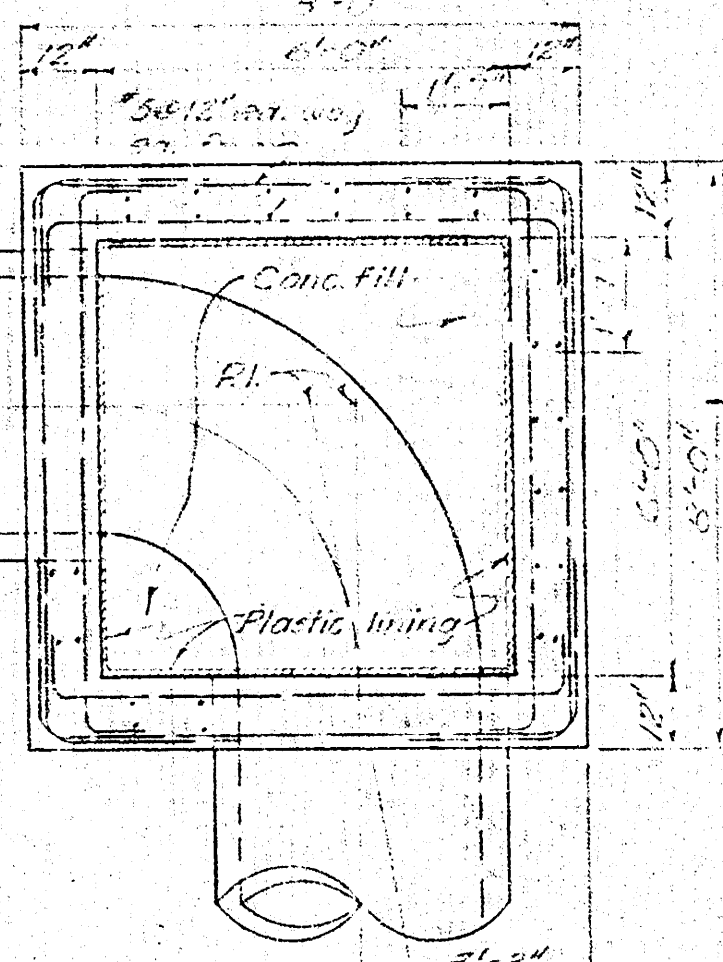
PLAN
STANDARD BRICK MANHOLE
No Scale



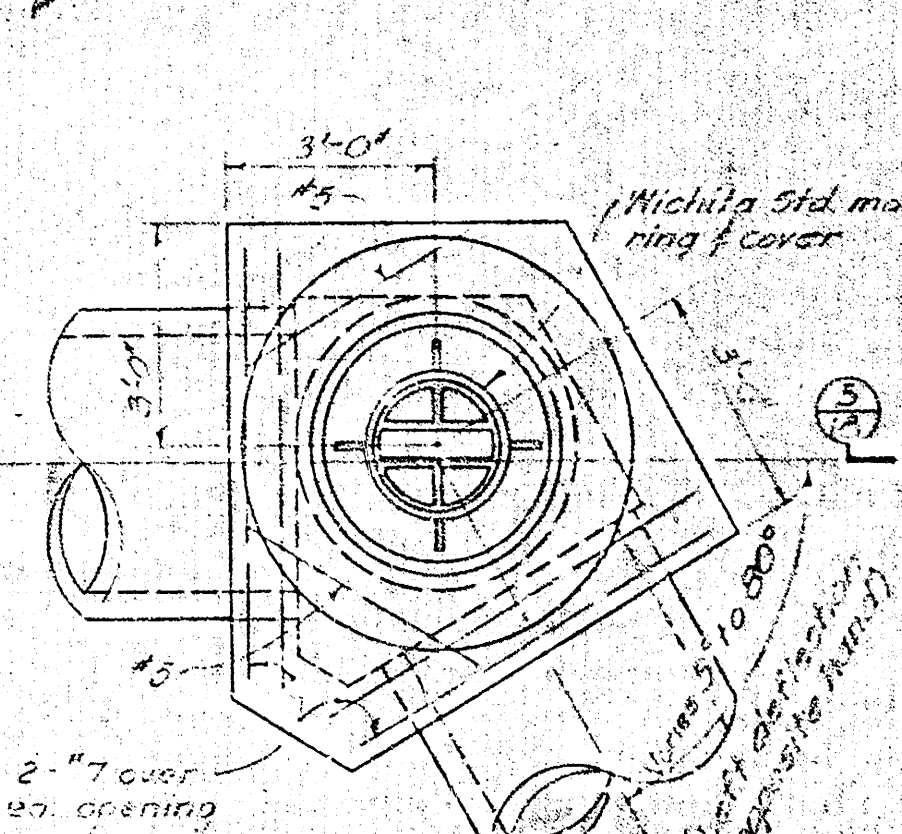
PLAN
MANHOLE FOR 42" RCP
0 to 5° DEFLECTION
Scale: 3/8" = 1'-0"



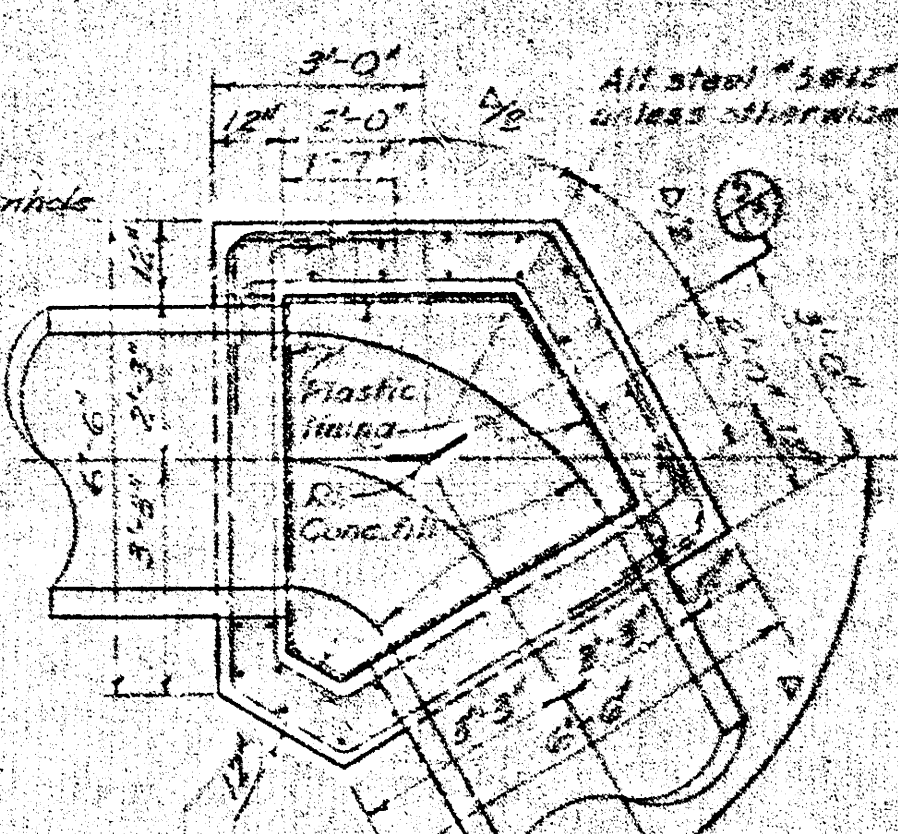
PLAN
MANHOLE FOR 42" RCP
80 to 90° DEFLECTION
Scale: 3/8" = 1'-0"



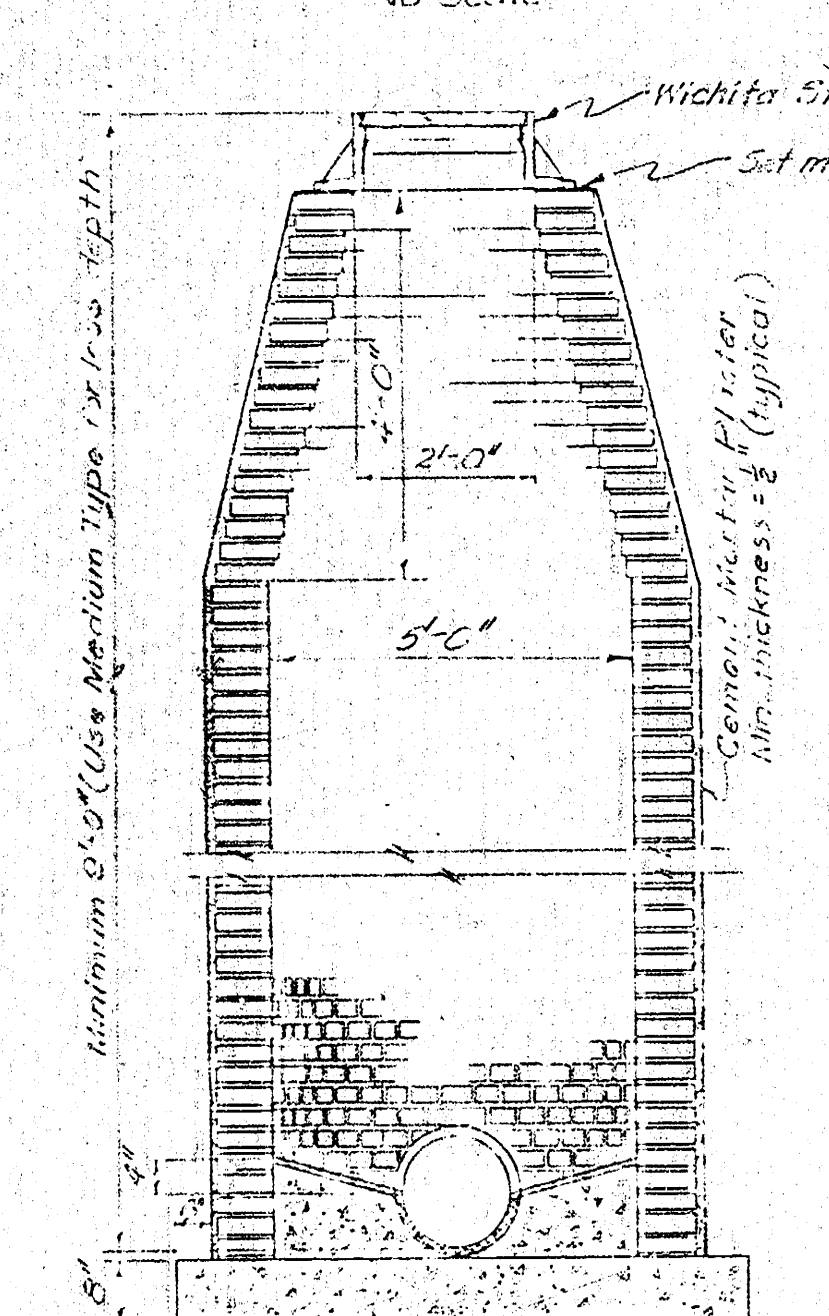
SECTIONAL PLAN
MANHOLE FOR 42" RCP
80 to 90° DEFLECTION
Scale: 3/8" = 1'-0"



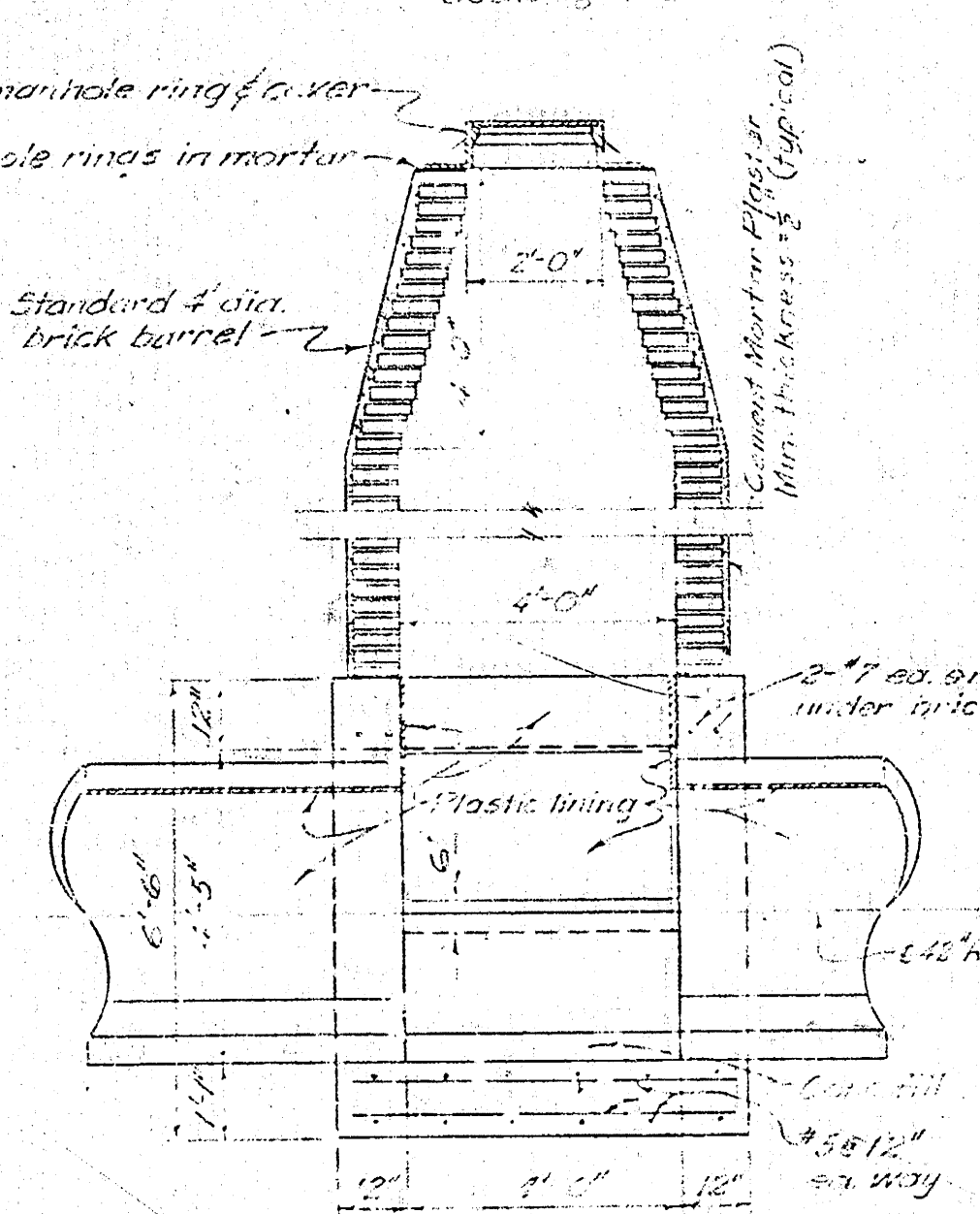
PLAN
MANHOLE FOR 42" RCP
5 to 80° DEFLECTION
Scale: 3/8" = 1'-0"



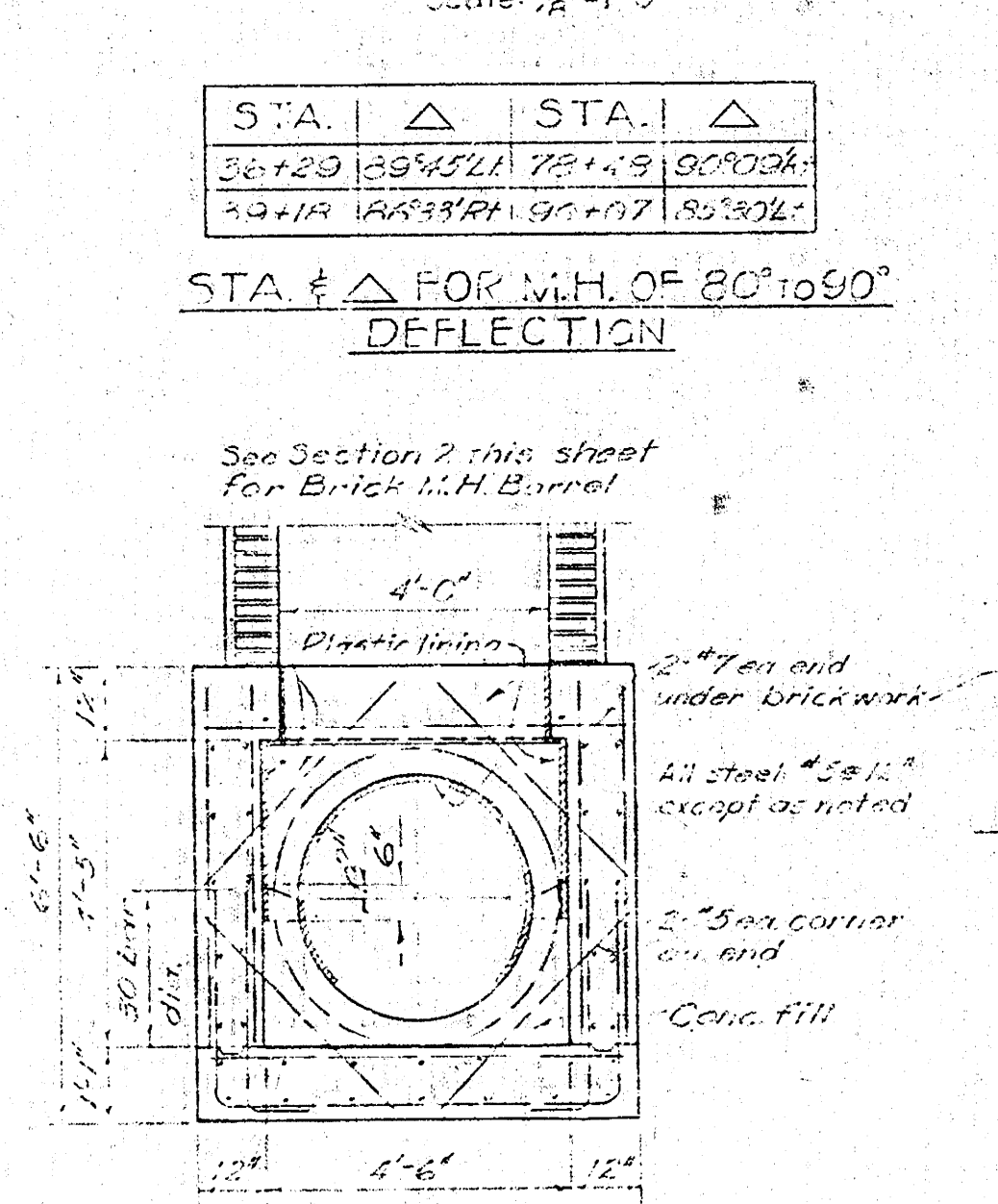
SECTIONAL PLAN
MANHOLE FOR 42" RCP
5 to 80° DEFLECTION
Scale: 3/8" = 1'-0"



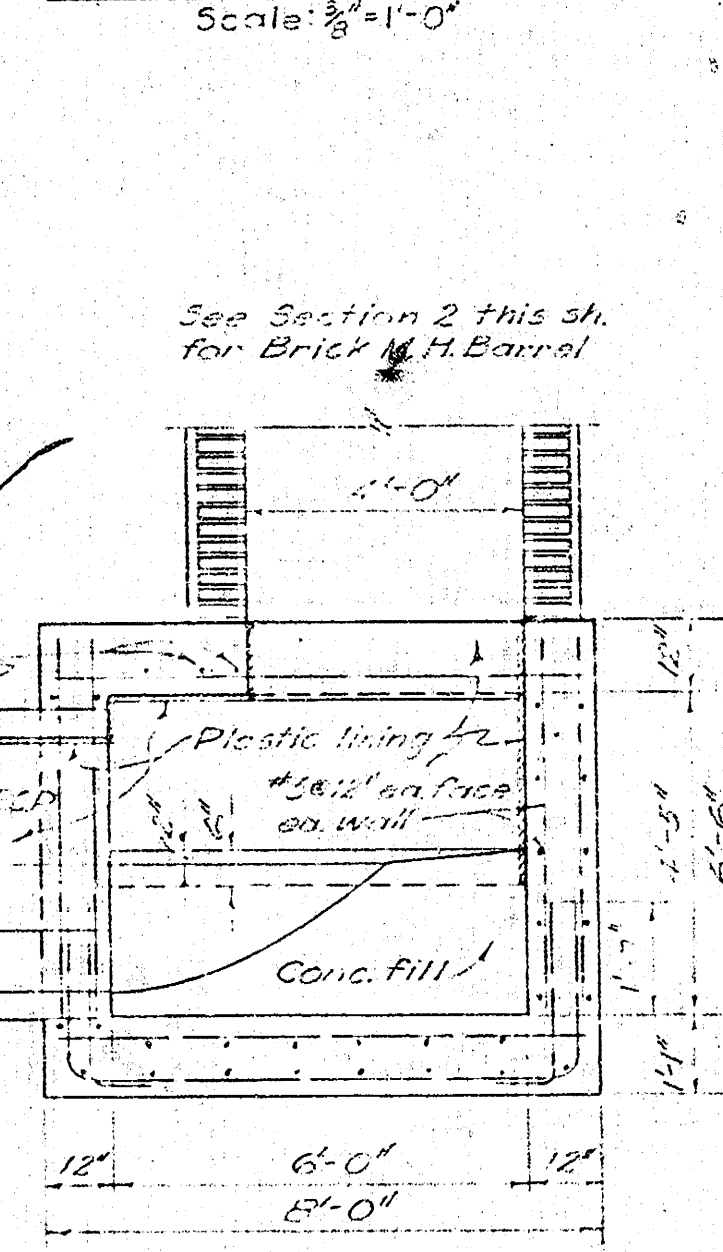
SECTION
STANDARD BRICK MANHOLE
No Scale



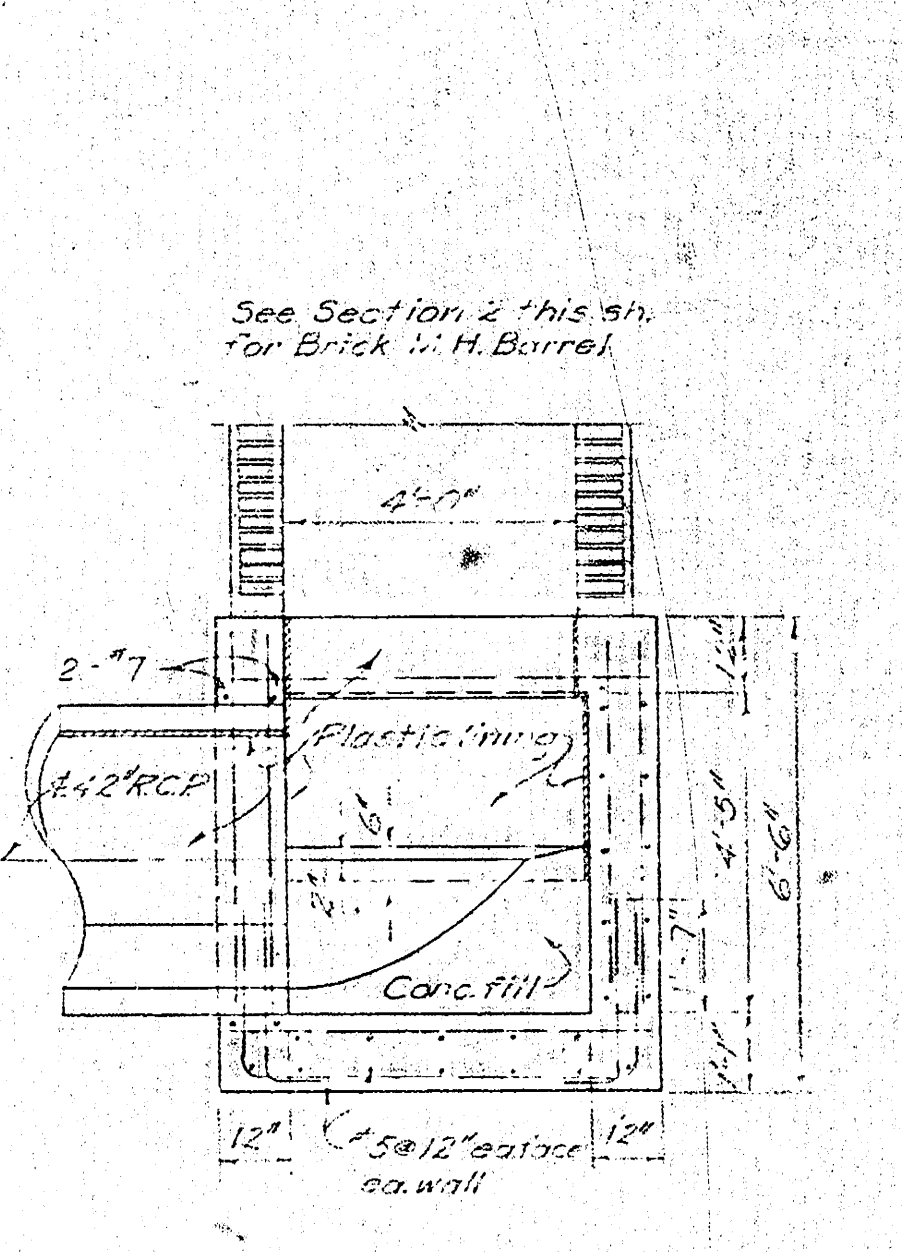
SECTION 2
MANHOLE FOR 42" RCP
0 to 5° DEFLECTION
Scale: 3/8" = 1'-0"
See This Sheet



SECTION 3
MANHOLE FOR 42" RCP
0 to 5° DEFLECTION
Scale: 3/8" = 1'-0"
See This Sheet



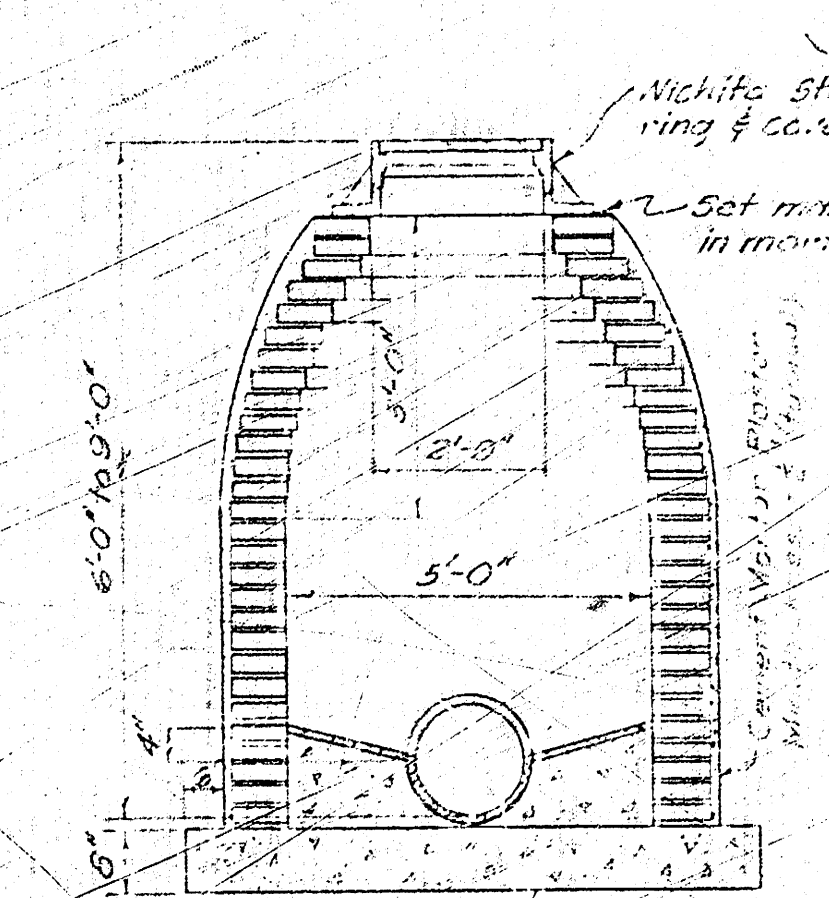
SECTION 4
MANHOLE FOR 42" RCP
80 to 90° DEFLECTION
Scale: 3/8" = 1'-0"
See This Sheet



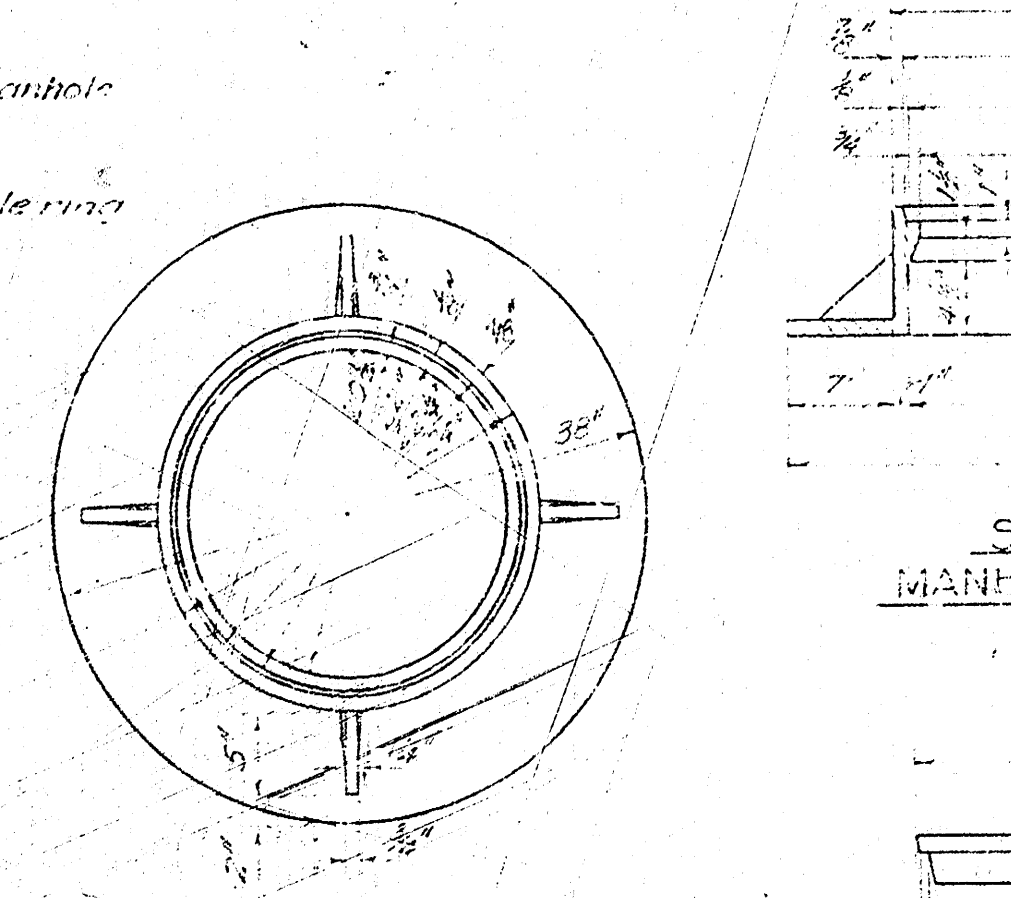
SECTION 5
MANHOLE FOR 42" RCP
5 to 80° DEFLECTION
Scale: 3/8" = 1'-0"
See This Sheet

STA.	△	STA.	△	STA.	△
15+50	27'2 1/2"	66+20	19'20"	129+46	11'00"
16+00	17'32 1/2"	67+72	36'32 1/2"	130+78	8'55 1/2"
17+80	5'19 1/2"	102+52	10'48 1/2"	141+11	27'00"
20+30	16'53 1/2"	112+20	12'17 1/2"	152+24	27'18"
25+30	22'07 1/2"	121+06	18'09 1/2"	153+72	1'00"
27+70	53'27 1/2"	124+24	20'23 1/2"	154+15	6'43 1/2"
29+13	33'27 1/2"	130+63	5'29 1/2"	154+72	1'00"
29+58	40'00 1/2"	138+06	9'49 1/2"	157+11	12'21 1/2"
33+90	28'37 1/2"	152+53	21'51 1/2"	161+11	29'18"

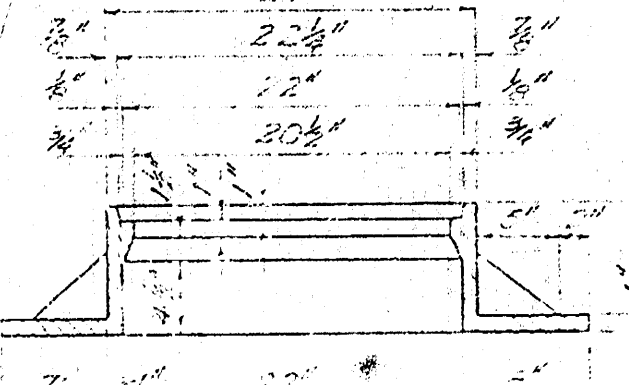
STA. & △ FOR M.H.'S IN 42" RCP
5 to 80° DEFLECTION



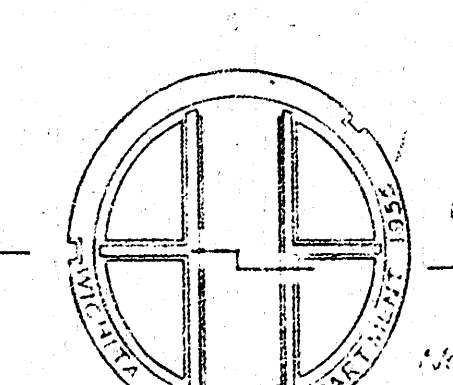
SECTION
STANDARD BRICK MANHOLE
FOR MEDIUM DEPTH
No Scale



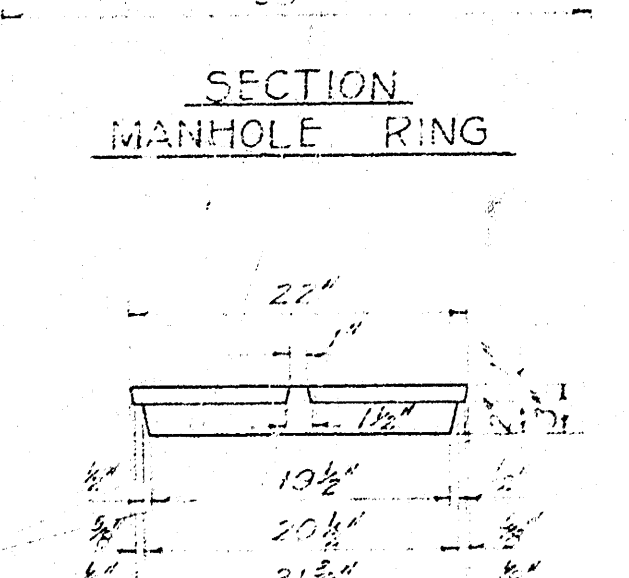
PLAN
MANHOLE RING



SECTION
MANHOLE COVER



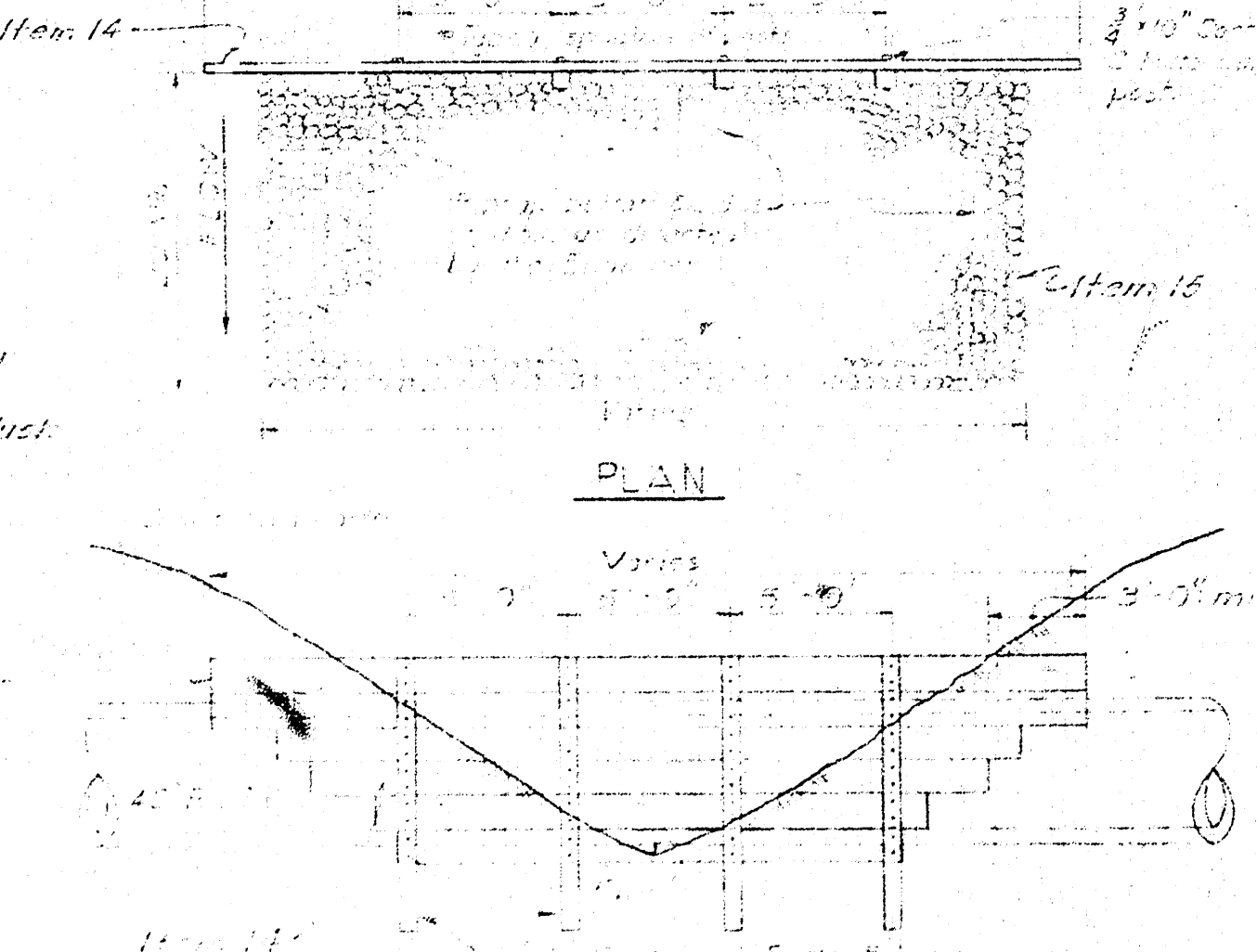
PLAN
MANHOLE COVER



ELEVATION
MANHOLE COVER



SECTION 1
MANHOLE COVER
DETAILS



TYPICAL DITCH CHECK AND RIPRAP

Notes:
1. Pipe or trench on leading side of manhole shall be
flushed with concrete to the manhole. Pls. M.H. B. sp. 14 of 20.
2. All manhole rings shall be set in mortar.
3. The inside diameter of standard brick manholes shall be
5'-0" for all pipe 30" and 36" in size. The inside diameter
of the brick barrel on manholes for 42" diameter pipe
shall be 4'-0".
4. Reinforce each pipe opening with 4 extra #4 bars in
each face, placed as shown in Part 2 of this sheet.
5. Inside walls and floor of manhole structures to be
lined with plastic lining as shown.
6. No lining required in concrete tilt-inverts of
manhole structures or brick barrels.

REVISED AS BUILT 6-24-57

WICHITA, KANSAS

ALTERING, REPAIRING, OR RECONSTRUCTING THE
WAR INDUSTRIES SEWER

MISCELLANEOUS MANHOLE DETAILS
AND DITCH CHECKS

BLACK & VEATCH

CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED BY: K.V.P. CHECKED BY: J.M. APPROVED BY: J.M. DATE: 10-1-57

SHEET 18 OF 20

