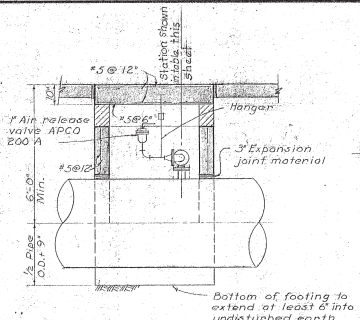
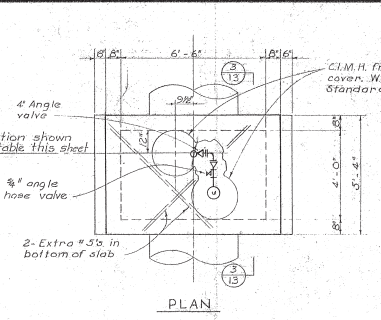


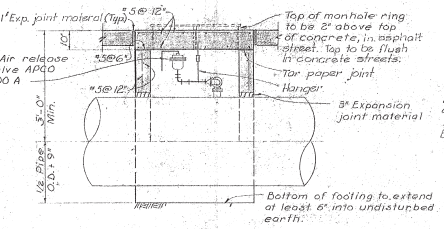
PLAN



SECTION 2
Scale: 3/8" = 1'-0"



PLAN

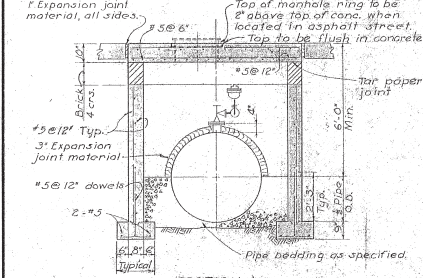


SECTION 3
Scale: 3/8" = 1'-0"

MANHOLE AND VALVE LOCATIONS
AIR RELEASE VALVE MANHOLE - TYPE B

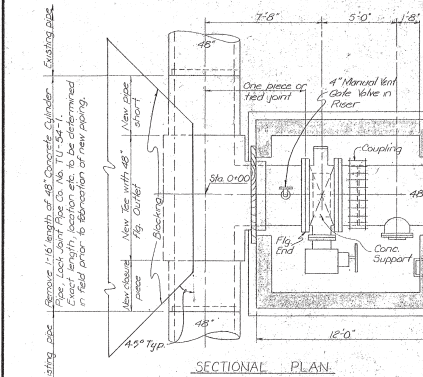
Station	Type Manhole	Air Release Valve	Blowoff Valve	Vent Valve (Station)
174+00	B			
44+00	C	X		43+97
47+23			X	
47+37	C			47+34
42+50	B	X		
42+80			X	
93+90	C	X		93+87
96+80			X	
120+00	C	X		119+97
150+00	A	X		
162+64	A	X		
169+22	C			169+25
191+50	C	X		191+47
213+27			X	(Blow-off)
227+00	C			226+97
257+75	C			257+72
258+25	C			258+22
48" Discharge Line				
0+07.7	D			0+05.5
3+96.4			X	
7+28.4	C*	X		
7+85.2	C*			

* Top 12" of wall to be concrete instead of brick in these manholes.



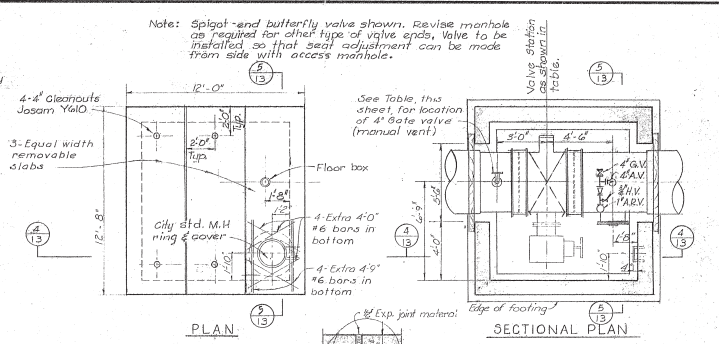
SECTION 1

AIR RELEASE VALVE MANHOLE - TYPE A
Scale: 3/8" = 1'-0"



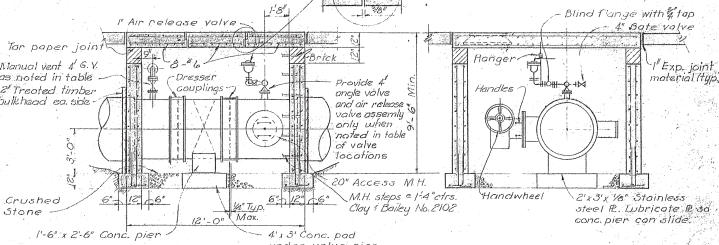
SECTIONAL PLAN

LINE VALVE MANHOLE D
Scale: 1/4" = 1'-0"



PLAN

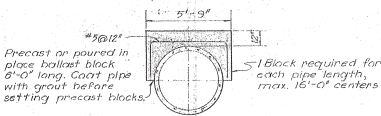
SECTIONAL PLAN



SECTION 4

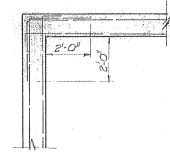
SECTION 5

LINE VALVE MANHOLE C
Scale: 1/4" = 1'-0"



BALLAST BLOCK DETAIL

Scale: 1/4" = 1'-0"



TYPICAL CORNERED REINFORCING

DETAIL

CONTRACT NO. 2

WICHITA, KANSAS
NORTHEAST WATER MAIN

MANHOLES AND DETAILS

BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED: ERM, RED, JBL
CHECKED: JLV, ERM
DATE: 1-2-68

SHEET 13 OF 13