



AIR VALVE ASSEMBLY DETAIL



THRUST BLOCK SCHEDULE					
LINE SIZE	FITTINGS (BANGLE)	DIM. L	DIM. W	DIM H	
<i>Horizontal Bends</i>					
<i>24"</i>	<i>30°</i>	<i>5'-0"</i>	<i>3'-0"</i>	<i>5'-0"</i>	
<i>24"</i>	<i>45°</i>	<i>5'-0"</i>	<i>3'-0"</i>	<i>5'-0"</i>	
<i>24"</i>	<i>22½°</i>	<i>5'-0"</i>	<i>3'-0"</i>	<i>3'-0"</i>	
<i>24"</i>	<i>11¼°</i>	<i>4'-0"</i>	<i>3'-0"</i>	<i>3'-0"</i>	
<i>Vertical Bends</i>					
<i>24"</i>	<i>45°</i>	<i>3'-0"</i>	<i>6'-0"</i>	<i>3'-0"</i>	
<i>24"</i>	<i>22½°</i>	<i>3'-0"</i>	<i>6'-0"</i>	<i>3'-0"</i>	
<i>24"</i>	<i>11¼°</i>	<i>3'-0"</i>	<i>6'-0"</i>	<i>3'-0"</i>	

AIR VALVE LOCATION TABLE			
FORCE MAIN STATION	BASILINE STATION/OFFSET	VALVE SIZE/MODEL	PLAN SHEET NO
23+50	41 STA. 24+98.06 45.00' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	8 OF 42
52+60	41 STA. 54+07.86 45.00' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	11 OF 42
55+00	41 STA. 56+47.91 45.00' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	11 OF 42
174+84	41 STA. 52+25.73 4.47' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	14 OF 42
183+99	41 STA. 81+72.03 38.87' LT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	14 OF 42
190+35.5	41 STA. 87+90.38 0.58' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	15 OF 42
195+00	41 STA. 72+38.46 10.50' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	16 OF 42
208+00	41 STA. 105+31.82 18.30' LT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	19 OF 42
233+60	41 STA. 109+81.03 30.36' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	20 OF 42
248+00	41 STA. 264+73.66 125.65' LT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	22 OF 42
278+00	41 STA. 279+68.24 23.47' LT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	23 OF 42
295+00	41 STA. 295+90.89 7.83' RT.	4" SEWAGE COMBINATION AIR VALVE APCO MODEL 449	26 OF 42

APPROVED
BY Larry D. Hogue
CHIEF, OPERATIONS DIVISION
FOR THE DISTRICT ENGINEER
TULSA DISTRICT
CORPS OF ENGINEERS
DATE Jan 18, 1987

PRELIMINARY

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No.	Revision	By	Date
COWSKIN INTERCEPTOR SEWER FORCE MAIN: PART B MISCELLANEOUS DETAILS MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-76-245- -000-000-001 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by <i>DLM, RFJ</i>		Job No. <i>34-86535-4</i>	Sht. <i>36 of 42</i>
Drawn by <i>DMH</i>		Date <i>August, 1988</i>	