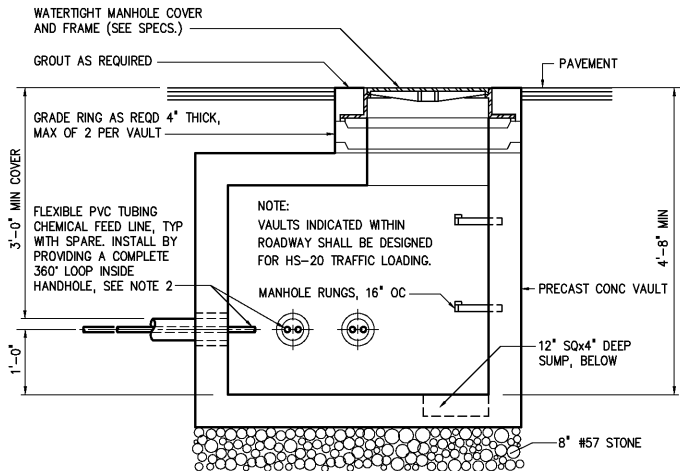
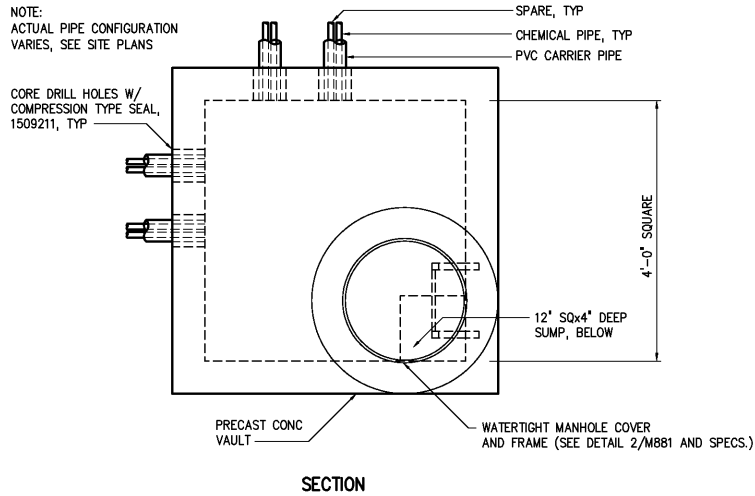


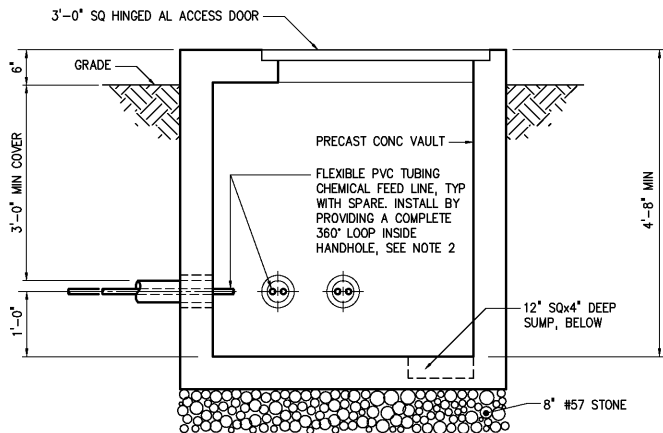
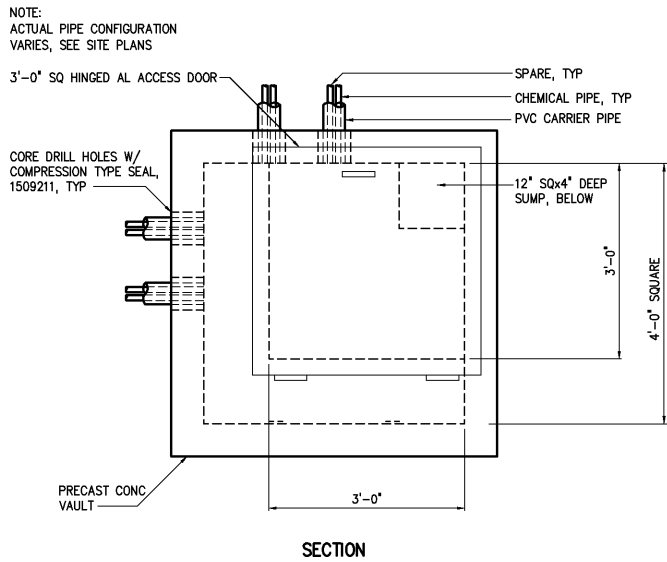
NOTES:

- 1 TERMINATE CARRIER PIPE INSIDE HANDHOLES. ALL JOINTS IN CHEMICAL TUBING TO BE LOCATED IN HANDHOLES.
- 2 LOOPS IN TUBING MUST BE LAID HORIZONTAL (AT OR BELOW THE LEVEL OF THE PIPING) TO PREVENT ACCUMULATION OF AIR.
- 3 CONTRACTOR SHALL PROVIDE A MANUAL AIR RELEASE VALVE IN HANDHOLES TO RELEASE GAS-TRAPPED IN HIGH POINTS IN CHEMICAL LINES. AIR RELEASE VALVE SHALL BE PVC BALL VALVE, SEE DETAIL 6/M881.



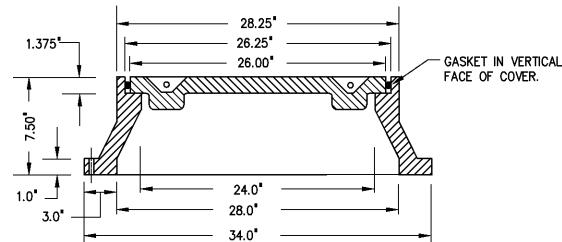
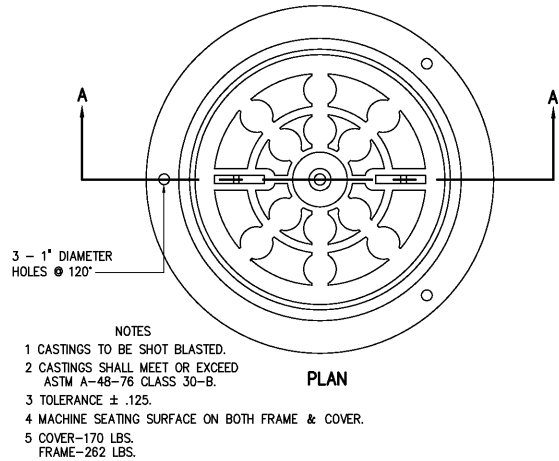
HANDHOLE - PAVEMENT VAULT

DETAIL	1
3/4"=1'-0"	M11



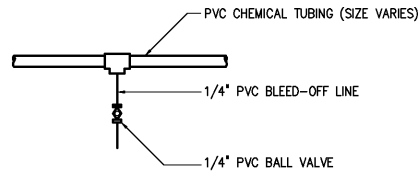
HANDHOLE - YARD VAULT

DETAIL	2
3/4"=1'-0"	M11



MANHOLE FRAME AND COVER

DETAIL	5
NTS	M881



AIR RELEASE VALVE

DETAIL	6
1 1/2"-1'-0"	M881

				DESIGNED	CMB/WGL
				DRAWN	BRC/DDZ
				CHECKED	
3	AS BUILT	OCT 2007	RLT	PROJ. ENGR.	DAN
2	CONSTRUCTION	MAR 2004	RLT		
1	REGULATORY APPROVAL	NOV 2003	RLT		
NO.	ISSUED FOR	DATE	BY	APPROVED	

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ROBERT S. DIFIORE, SEAL NO. 22769

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CITY OF ROANOKE
VIRGINIA

REGIONAL WATER POLLUTION CONTROL PLANT
PROCESS TRAIN IMPROVEMENTS

MISCELLANEOUS YARD STRUCTURES
MECHANICAL
PLANS, SECTIONS AND DETAILS

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE MARCH 2004
H & S JOB NUMBER 30788B	CONTRACT NUMBER B
	DRAWING NUMBER M886