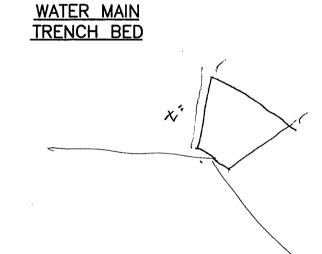
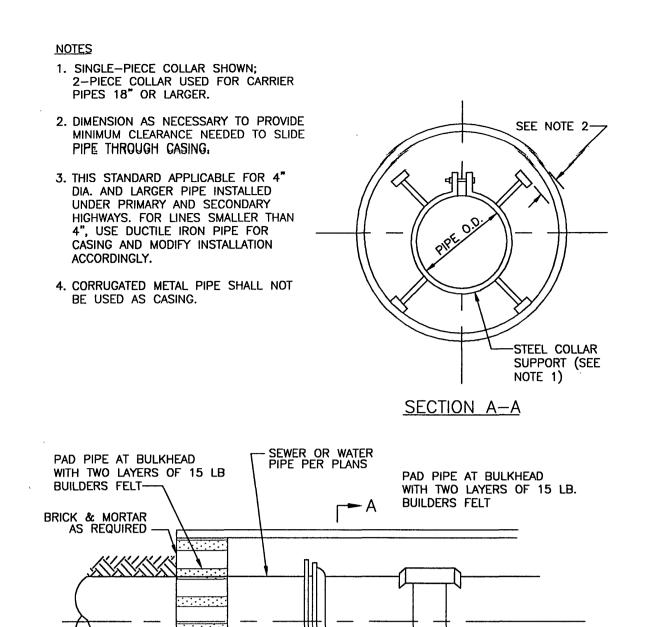
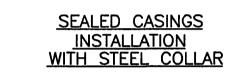


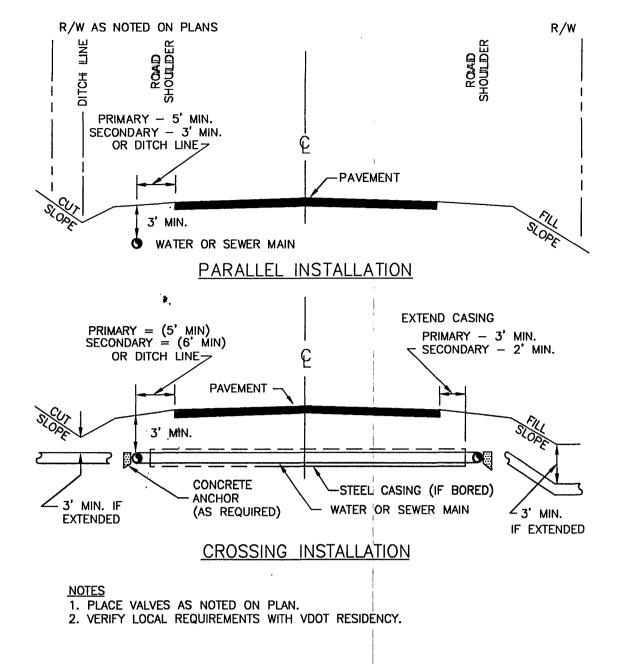
MODIFICATIONS IN DEEPER TRENCHES.



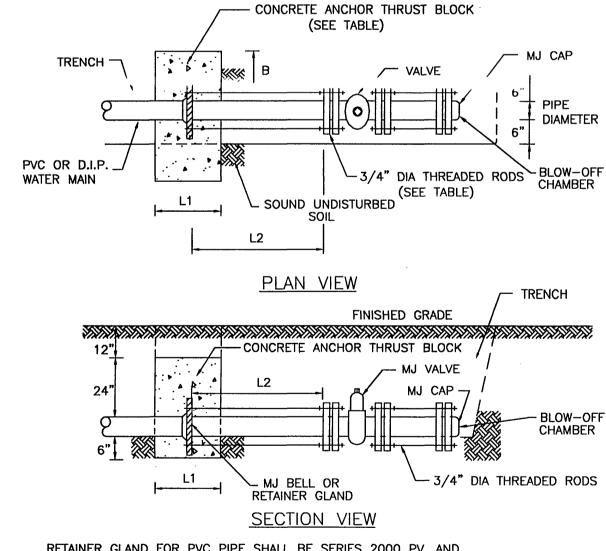


(LOWER END ONLY)





TYPICAL WATER OR SEWER MAIN
LOCATION WITHIN
V.D.O.T. RIGHT-OF-WAY
NOT TO SCALE

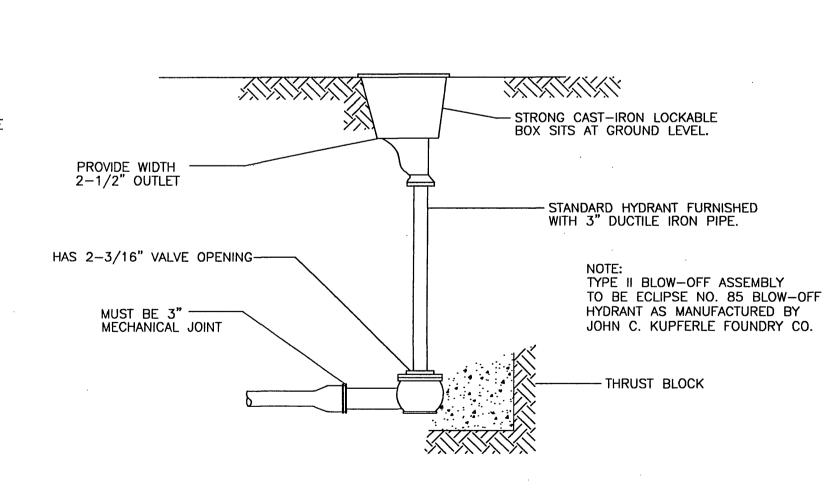


RETAINER GLAND FOR PVC PIPE SHALL BE SERIES 2000 PV, AND FOR DIP PIPE BERIES 100; BY EDAA IRON SALES; INO: "MEDA=LUG" OR APPROVED EQUAL

PIPE DIAMETER (in)	B min (in)	L1 min (in)	NUMBER OF RODS PER RETAINER	L2 min (in)	<u>WATERLINI</u> BULKHEAI
4–8	12	18	4	27	ANCHOR
10-12	27	33	4	50	DETAIL
14-16	44	50	6	75	DETAIL

NOTE: MATERIALS AND FABRICATION IN ACCORDANCE WITH MH-1 MANHOLE. SIZE OF AIR RELEASE VALVE AND SIZE OF GATE VALVE AS SPECIFIED. WHERE NOTED ON PLANS, USE STANDARD METER BOX AS CHAMBER AND SUPPORT WITH TWO (2) COURSES OF BRICK. CONTRACTOR OF THE FOREST CONTRACTOR TUBING TO OUTLET AND EXTEND UP 12". USE FITTINGS AS REQUIRED. PROVIDE SCREENED, DOWNWARD-8" FC-3 FRAME & COVER FACING ELBOW & PIPE. 2" MIN. SPACER 6" (ADDITIONAL AS REQ'D.) 4'I.D. 2"MAX. AIR RELEASE VALVE AS DETAILED IN BASE UNIT OF REINFORCED CONCRETE SPECIFICATIONS. BRONZE GATE VALVE PER SPEC -CORPORATION STOP TAPPED WATER MAIN (USE D.I. SLEEVE WITH STORE BASE PVC PIPE) VDOT NO. 68 STONE TO TOP OF MAIN -- PLACE 8" X 8" X 12" CONCRETE BLOCK, ASTM C-139, RADIALLY (8 MIN), OR POUR 12" X 8" CONCRETE RING FOOTING TO SUPPORT CHAMBER, BUT LEAVE OPENING BELOW PIPE. FILL SPACE INSIDE RING WITH VDOT NO. 68 STONE FOR DRAINAGE. ELIMINATE CONCRETE FOOTING IF SOLID ROCK IS ENCOUNTERED.

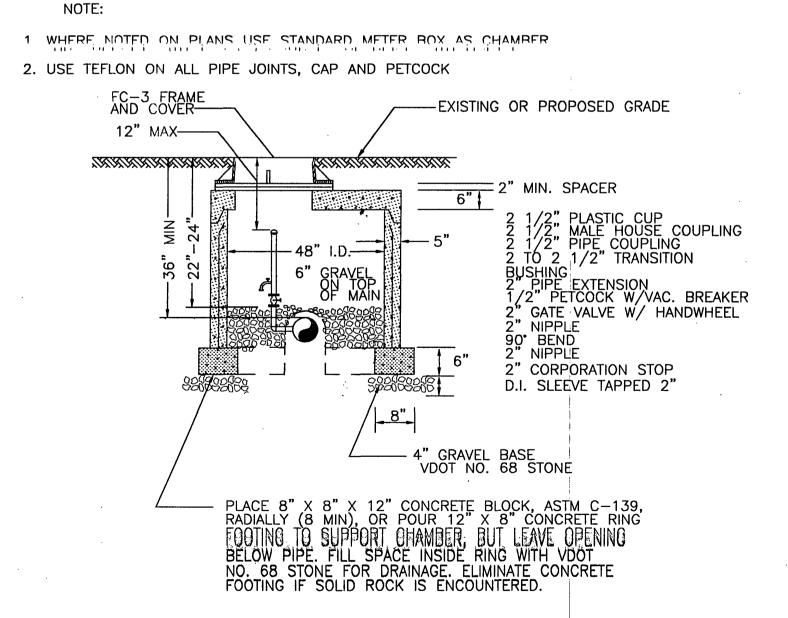
PRECAST CHAMBER
FOR
AIR RELEASE VALVE
WATER



VDOT NO. 68

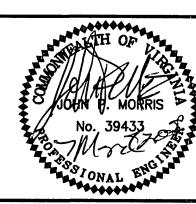
STONE-

LINE TERMINATION AND BLOWOFF ASSEMBLY



BLOW-OFF	CHAMBER		
NOT TO SCALE			

NO.	REVISION	BY	DATE	NO.	REVISION	BY DATE





DESIGNED BY: JPM/JMF	PROJECT: THE V		REVISION NUMBER: \bigcap			
DRAWN BY: JMF	WA FI	DRAWING NUMBER:				
REVIEWED BY: DMJ	IIILE.	C-3 SHEET NUMBER:				
WWA NUMBER: 204141	FILE NAME: 4141WL.DWG	DISCIPLINE: CIVIL	SCALE: H: NTS V: NTS		DATE: 10-29-04	4 OF 5