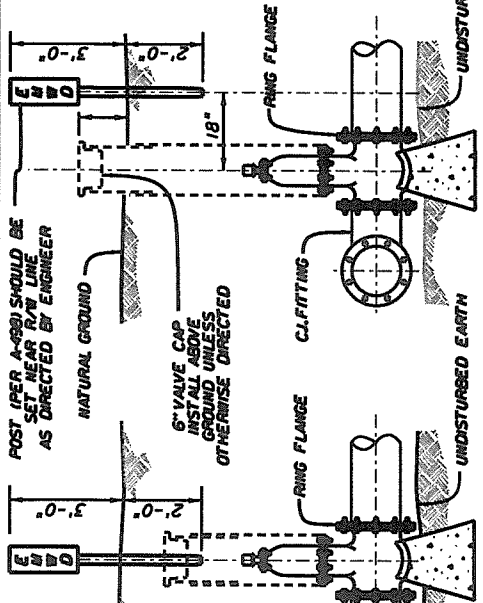
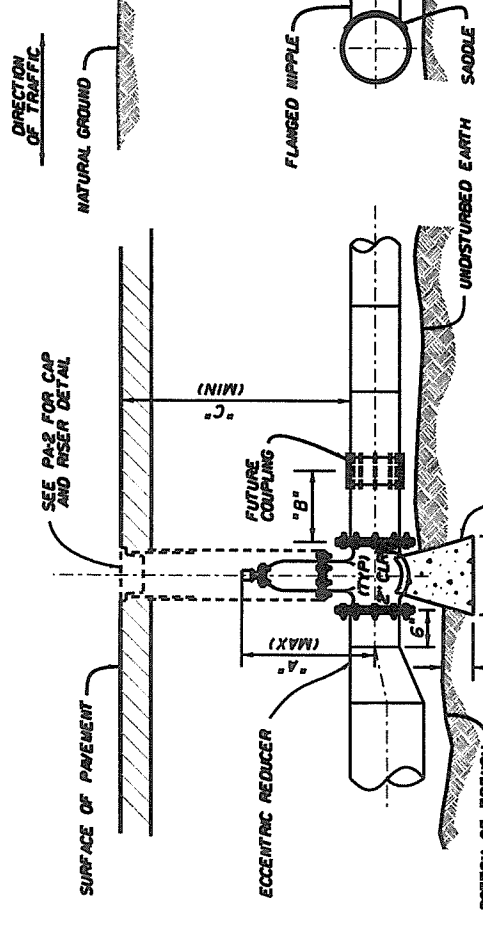


GATE VALVE SIZE	TABULATED DIMENSIONS	
	VALVE HEIGHT "A"	ABS. MIN. COVER "C"
4"	18"	1'-6"
6"	23"	1'-9"
8"	28"	2'-0"
10"	33"	2'-4"
12"	36"	2'-6"
14"	41"	2'-8"
16"	44"	3'-0"
18"	51"	3'-5"
20"	56"	3'-11"

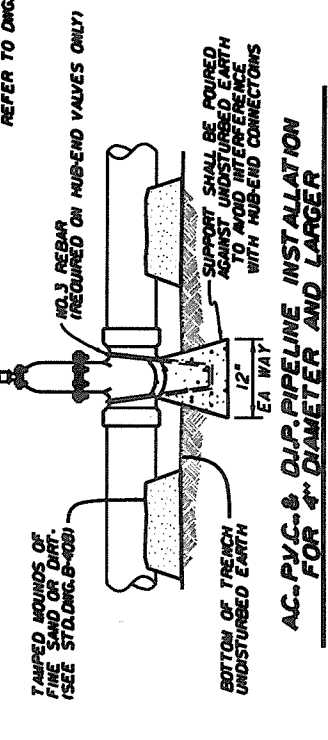


SADDLE OUTLET INSTALLATION - 14" DIAMETER AND LARGER
UNIMPROVED ROADWAY



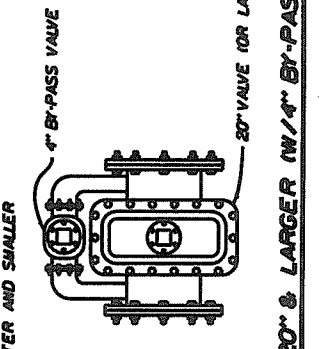
IN-LINE VALVE INSTALLATION
PAVED STREET
(PIPE COATING NOT SHOWN)

STEEL PIPELINE INSTALLATION - 12" DIAMETER AND LARGER
REFER TO DNG.8-563 FOR 12" DIAMETER AND SMALLER



AC-PVC & D.I.P. PIPELINE INSTALLATION
FOR 4" DIAMETER AND LARGER

C.I. FITTING INSTALLATION
OPEN FIELD



NOTES

1. ALL FLEXIBLE JOINTS IN PIPELINES UPSTREAM FROM VALVES OR OTHER FITTINGS SHALL BE REINFORCED IN ACCORDANCE WITH THE SPECIFICATIONS CONTRACT DRAWINGS TO PROVIDE ANCHORAGE FOR UNBALANCED FORCES.
2. ALL STEEL FLANGES SHALL BE COATED IN FIELD WITH AN APPROVED COATING PER E.M.W.D. SPECIFICATIONS.
3. ALL STEEL PIPE AND FITTINGS SHALL BE COATED WITH THE SAME MATERIAL AS SUPPLIED ON THE PIPE.
4. VALVES 20" & LARGER REQUIRE ENGINEERS APPROVAL.
5. LOCATOR TAPE TO BE (3") THREE INCH WIDE AND PLACED ABOVE THE RECYCLED WATER LINE STARTING AND ENDING AT HIGH LETTERING CAUTION RECLAIMED WATER. THE COLOR OF THE TAPE SHALL BE PURPLE-PARROTTE SIZE.

REVISIONS		APPROVALS	
NO.	DATE	INITIAL	DATE
1	7/28/97		
2	8/12/01		
		DESIGN	
		CONSTRUCTION	
		INSPECTION	
		OPERATIONS	
		SUBMITTED	7/88

<p>EASTERN MUNICIPAL WATER DISTRICT</p>	<p>RECOMMENDED</p> <p><i>Joseph VanStickle</i> DIRECTOR OF ENGINEERING</p> <p>7/26/88 DATE</p>
<p>EASTERN MUNICIPAL WATER DISTRICT STANDARD DRAWING</p> <p>RECYCLED WATER</p> <p>INSTALLATION OF VERTICAL GATE VALVES</p> <p>STEEL PIPE 14" & LARGER / A.C. P.V.C. & D.I. 4" & LARGER</p>	<p>APPROVED</p> <p><i>William Plummer</i> Plummer</p> <p>8/25/88 DATE</p>

REFERENCES: ORIGINAL STD.DWG. PS-4, DRAWN 7/89
FILE I.D.: mwpd\civ\std\std\standard.dwg\ps4.dgn