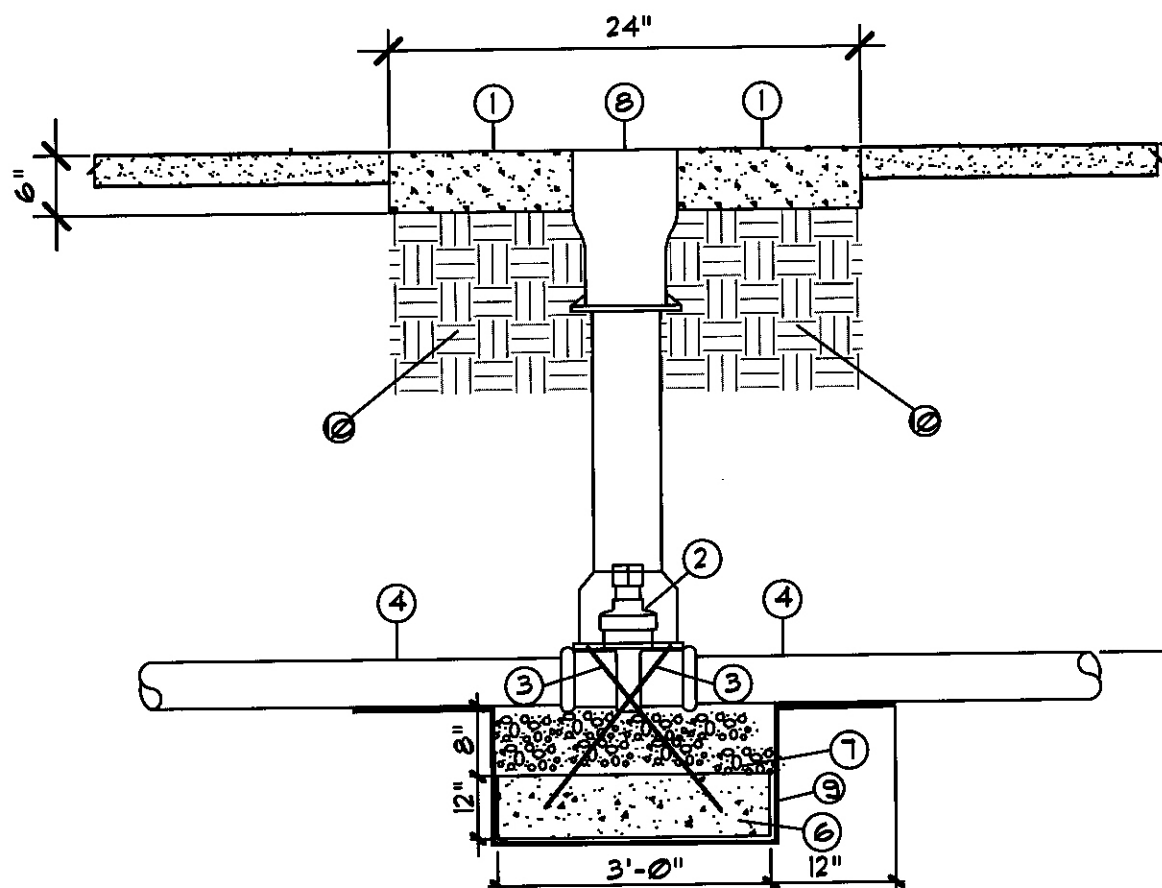


# 1 IRRIGATION SYSTEM PLAN

NTS



- |   |  |
|---|--|
| ① 4000 PSI CONCRETE COLLAR WITH<br>BROOM FINISH AND TOOLED EDGES              | ⑥ 4000 PSI CONCRETE THRUST BLOCK<br>PLACED AGAINST UNDISTURBED SOIL.   |
| ② MATCO "O" RING GASKET IRON BODY GATE<br>VALVE 10RT10 WITH 2" OPERATING NUT. | ⑦ 1" DIAMETER WASHED ROCK  |
| ③ NO. 4 REBAR   | ⑧ TYLER/UNION ADJUSTABLE STEEL VALVE<br>BOX WITH 5 1/4" STEEL LID, MODEL NO. 562A.<br>(ADJUSTMENT RANGE FROM 27" TO 37") |
| ④ IRRIGATION MAIN LINE OR SUB-MAIN  | ⑨ FILTER FABRIC  |
|   | ⑩ COMPACT SUB-GRADE TO 95 PERCENT<br>MODIFIED PROCTOR  |

NOTE: 4" MIN CLEARANCE BETWEEN VALVE BOX LID AND HIGHEST OBJECT IN BOX.

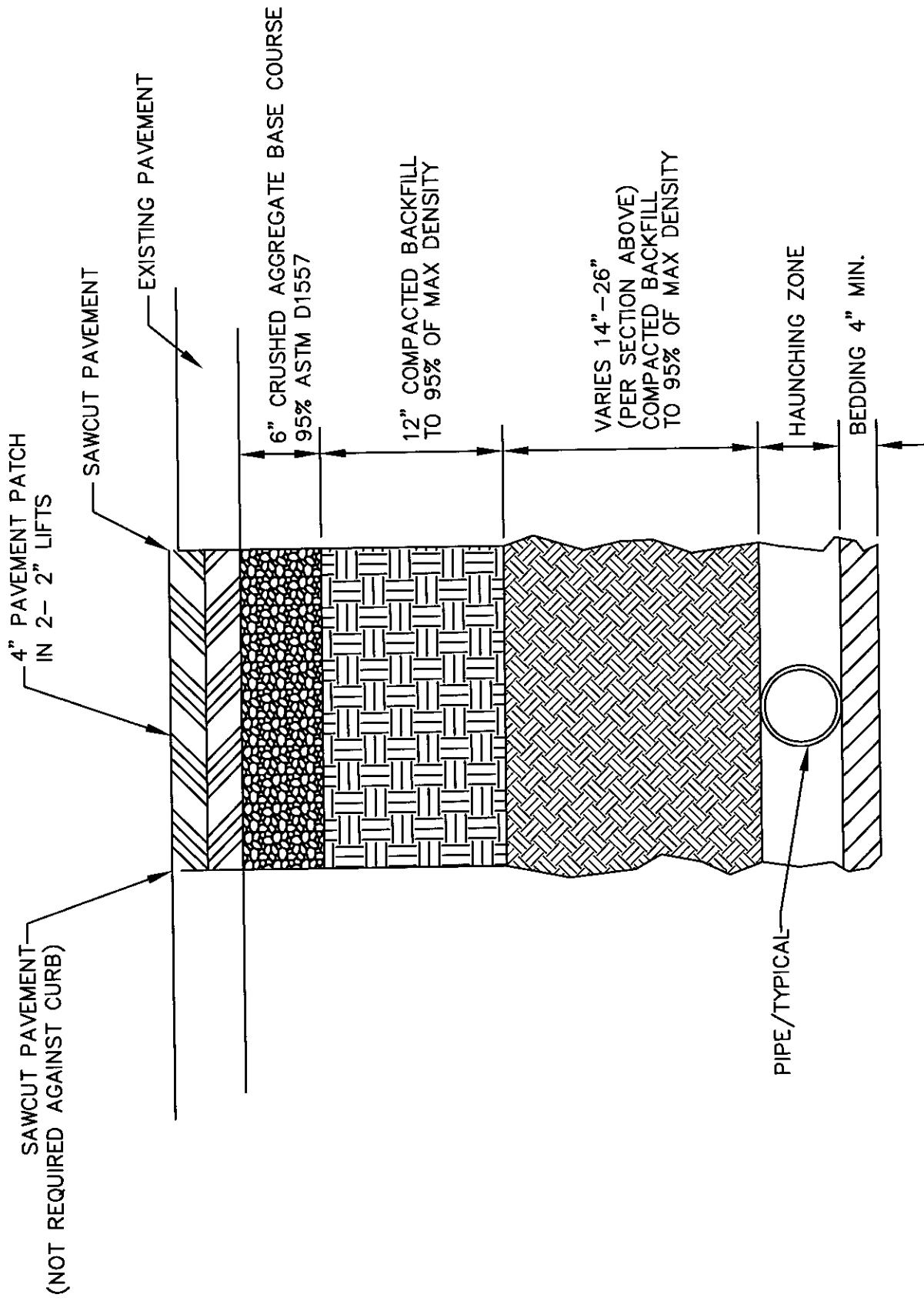
# A MANUAL ISOLATION VALVE ASSEMBLY

I-13




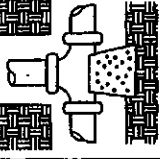
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N.T.S.



TRENCH DETAIL  
(NTS)

THRUST BLOCK TABLE					
TYPE OF FITTING	90° BEND & BURIES	45° BEND	11 1/4° OR 22 1/2° BEND	TEE OR DEAD END	
TYPICAL PLAN VIEW					
REQUIRED BEARING TOTAL AREA IN SQUARE FEET					
MAIN SIZE	4"	2	2	1	2
	6"	4	2	1	2.5
	8"	6.5	3.5	2	4.5
	10"	10	5	3	7.0
	12"	14	8	4	10
	16"	25	14	7	18
	18"	32	17	9	22
	20"	39	21	11	27

#### THRUST BLOCK NOTES:

1. THRUST BLOCKS TO BE CONSTRUCTED OF 4000 PSI CONCRETE.
2. THRUST BLOCKS TO BE POURED AGAINST UNDISTURBED SOIL.
3. JOINTS TO BE KEPT FREE OF CONCRETE. ALLOW WORKING ROOM AROUND NUTS & BOLTS. PLACE BITUMASTIC AROUND NUTS & BOLTS.

THRUST BLOCK TABLE  
STANDARD DETAIL

SCALE:  
NONE