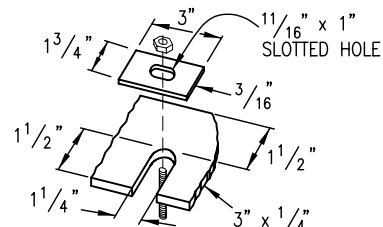
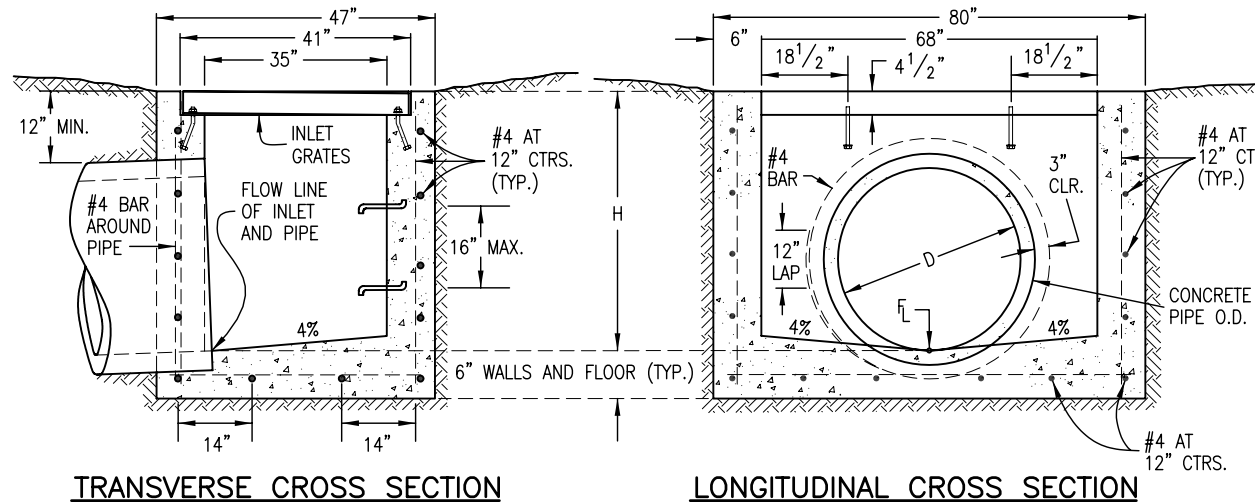


**SLOT DETAIL**

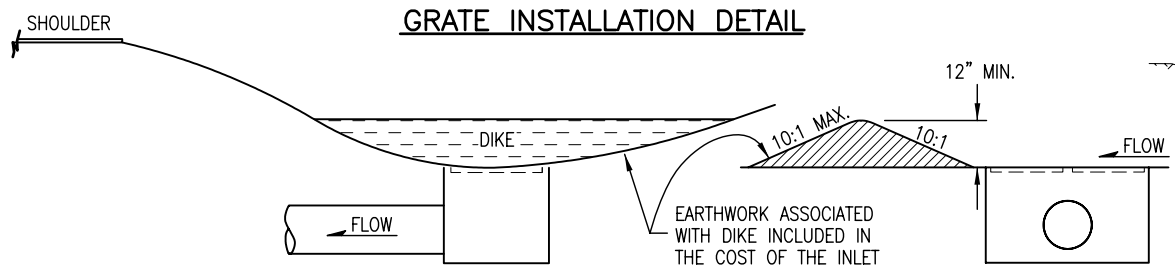


**ALTERNATE SLOT AND HOLD DOWN PLATE DETAIL**

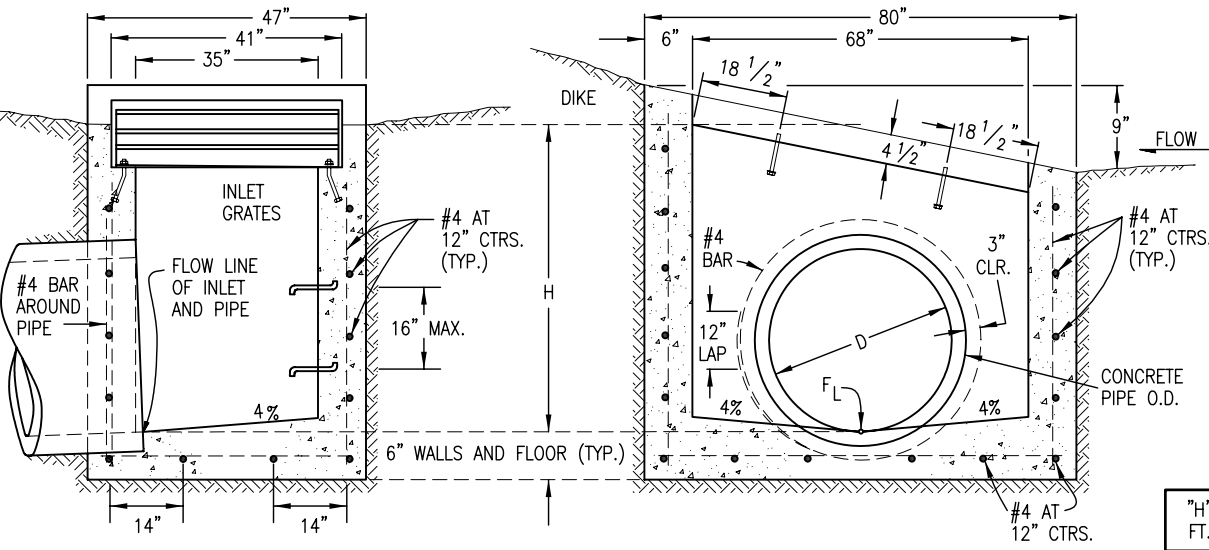


**TRANSVERSE CROSS SECTION**      **LONGITUDINAL CROSS SECTION**  
**LEVEL GRADE INSTALLATION**

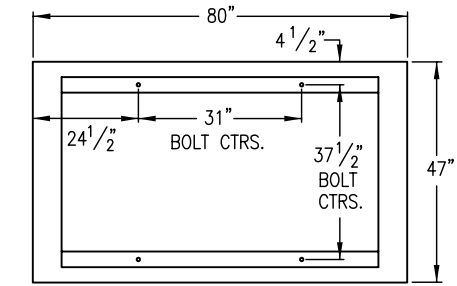
- GENERAL NOTES**
1. CONCRETE SHALL BE CLASS B. INLET MAY BE CAST-IN-PLACE OR PRECAST.
  2. SEE PLANS FOR SIZE AND LOCATION OF PIPE.
  3. STRUCTURAL STEEL FOR GRATES AND GRATE INSTALLATION HARDWARE SHALL BE GALVANIZED AND SHALL BE IN ACCORDANCE WITH SUBSECTION 712.06.
  4. STANDARD INLET GRATES SHALL BE USED ON ALL TYPE D INLETS UNLESS CLOSE MESH GRATES ARE SPECIFIED ON THE PLANS.
  5. STEPS SHALL BE PROVIDED WHEN INLET DIMENSION "H" IS EQUAL TO OR GREATER THAN 3 FT.-6 IN. AND SHALL CONFORM WITH AASHTO M 199.
  6. REINFORCING BARS SHALL BE EPOXY COATED AND DEFORMED #4, AND SHALL HAVE A 2 IN. MINIMUM CLEARANCE. CUT OR BEND BARS AROUND PIPE AS REQUIRED.



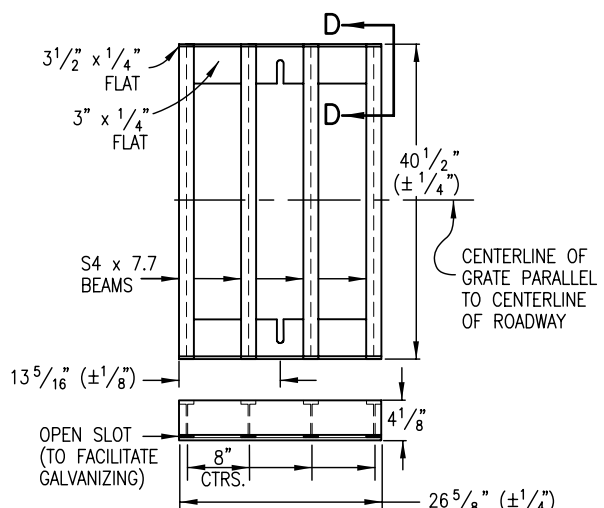
**TRANSVERSE VIEW**      **LONGITUDINAL VIEW**  
**DIKE**



**TRANSVERSE CROSS SECTION**      **LONGITUDINAL CROSS SECTION**  
**SLOPING GRADE INSTALLATION**



**PLAN VIEW**  
(SHOWING ANCHOR BOLT LAYOUT)

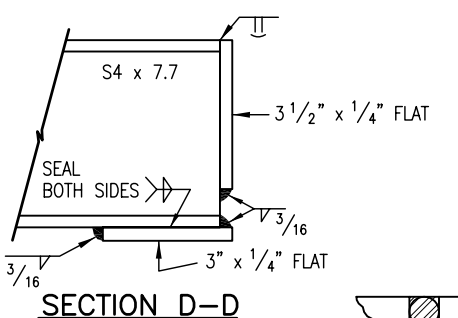


**STANDARD INLET GRATE**

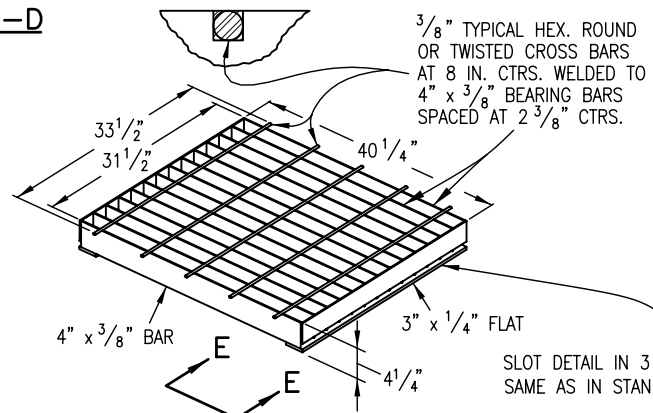
**TWO STEEL GRATE PER INLET QUANTITIES**

NO. PIECES	DESCRIPTION	LENGTH	LBS PER FT.	WEIGHT (LBS.)
8	S4 x 7.7 BEAM	40"	7.70	206
4	3 1/2" x 1/4" FLAT	26 5/8"	2.98	26
4	3" x 1/4" FLAT	26 5/8"	2.55	24

TOTAL LBS. - 256

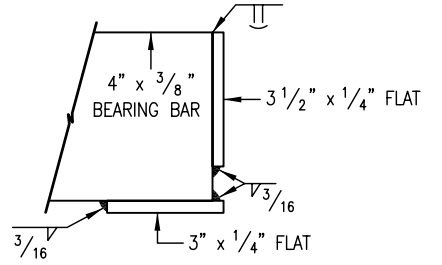


**SECTION D-D**



**CLOSE MESH GRATE**

USE FOR PEDESTRIAN AND BICYCLE AREAS ONLY.



**SECTION E-E**

OUTLET PIPE INSIDE DIA. FT. - "D"	MIN. "H" FT.
1.5	3.0
2.0	3.5
2.5	4.0
3.0	4.5
3.5	5.0

"H" FT.	CONCRETE CU. YDS.	STEEL LBS.	CIRCULAR PIPE RANGE INSIDE DIA., IN. - "D"
3.0	1.5	127	18
3.5	1.7	149	18-24
4.0	1.9	157	18-30
4.5	2.0	179	18-36
5.0	2.2	187	18-42
5.5	2.4	208	18-42
6.0	2.6	215	18-42
6.5	2.8	236	18-42
7.0	2.9	243	18-42
7.5	3.1	264	18-42
8.0	3.3	271	18-42
8.5	3.5	292	18-42
9.0	3.6	299	18-42
9.5	3.8	320	18-42
10.0	4.0	327	18-42

CONCRETE AND STEEL QUANTITIES ARE FOR ONE ENTIRE INLET BEFORE DEDUCTION FOR VOLUME OCCUPIED BY PIPE. WEIGHT OF STEEL INCLUDES A RING FOR THE MAXIMUM PIPE DIAMETER.

**QUANTITIES FOR ONE INLET**

<p><b>Computer File Information</b></p> <p>Creation Date: 07/04/06      Initials: SJR          Last Modification Date: 07/04/06      Initials: LTA          Full Path: www.dot.state.co.us/DesignSupport/          Drawing File Name: 6040110101.dwg          CAD Ver.: MicroStation V8    Scale: Not to Scale    Units: English</p>	<p><b>Sheet Revisions</b></p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Date:</th> <th>Comments</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	Date:	Comments									<p>Colorado Department of Transportation</p> <p> 4201 East Arkansas Avenue          Denver, Colorado 80222          Phone: (303) 757-9083          Fax: (303) 757-9820</p> <p>Project Development Branch      SRJ/LTA</p>	<h1 style="margin: 0;">INLET, TYPE D</h1>	<p><b>STANDARD PLAN NO.</b></p> <p style="text-align: center; font-size: 1.2em;">M-604-11</p> <p style="text-align: center;">Sheet No. 1 of 1</p>
Date:	Comments													
<p>Issued By: Project Development Branch on July 04, 2006</p>														