

PART NO.	NO. REQ'D	DESCRIPTION OF MATERIALS REQUIRED
(1)	1	3/8" RUBBER SHEET (4 PLY CONVEYOR BELTING)
(2)	1	1/8" STAINLESS STEEL PLATE - 10" DIA.
(3)	1	1/8" STAINLESS STEEL PLATE - 14" DIA.
(4)	4	5/16" SS -18NC-1 3/8" BOLT W/NUT
(5)	8	5/16" STAINLESS STEEL FLAT WASHER
(6)	4	5/16" STAINLESS STEEL LOCK WASHER
(7)	2	1/8" FLAT STAINLESS STEEL BAR
(8)	2	3/8"x4" SS THREADED ROD
(9)		SS SHIMS-SEE NOTE BELOW
(10)	2	3/8" STAINLESS STEEL LOCK WASHER
(11)	2	3/8" STAINLESS STEEL NUT
(12)	2	TWO-PART EPOXY FOR ANCHORING

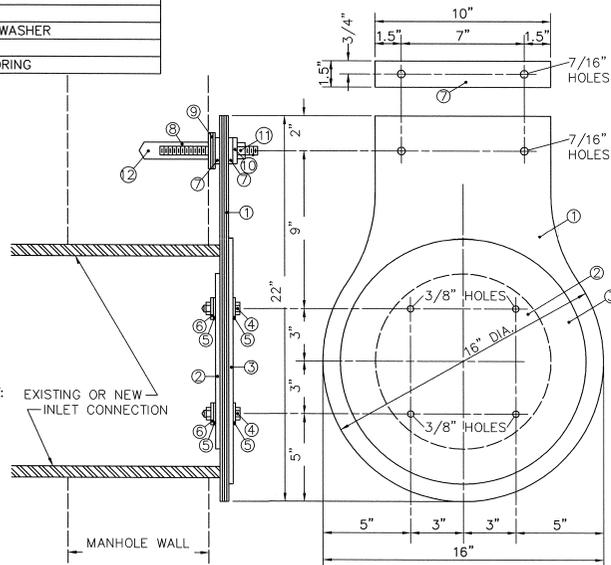
NOTES :

ATTACH RUBBER IN VERTICAL POSITION FLUSH WITH AND CENTERED ON PIPE OPENING. SHIMS MAY BE REQUIRED TO MAINTAIN VERTICAL POSITION.

DIMENSIONS SHOWN ARE FOR 12" PIPE. USE PROPORTIONAL DIMENSIONS FOR LARGER OR SMALLER PIPE AS APPROVED BY THE ENGINEER.

END OF PIPE SHALL BE SMOOTH AND SQUARE TO PROPERLY RECEIVE FLAP GATE.

CONVEYOR BELT AS MANUFACTURED BY:  
MURDOCK INDUSTRIAL SUPPLY  
553 CARROLL ST.  
AKRON, OH 44304  
(330) 535-7105  
OR APPROVED EQUAL



STANDARD FLAP GATE

DO NOT SCALE - USE DIMENSIONS ONLY

ALL BOLTS, NUTS, PLATES AND OTHER HARDWARE SHALL BE STAINLESS STEEL UNLESS SPECIFIED OTHERWISE.

INSURE THAT LID WILL OPEN TO FULL HORIZONTAL POSITION WITHOUT BINDING, AND CLOSE ON ITS OWN ACCORD. WHERE MULTIPLE FLAP GATES ARE INSTALLED IN ONE MANHOLE, CARE MUST BE TAKEN TO MAINTAIN CLEARANCE SO ALL LIDS WILL OPEN FULLY.

CITY OF AKRON  
BUREAU OF ENGINEERING

CONSTRUCTION  
STANDARD DWG. No.

MH-7

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CITY ENGINEER

FLAP GATES

AUTOCAD DRAWING - STD\_MH-7.DWG January 22, 2003  
REVISIONS: 12/02 - Removed AIT. 1 & 2  
DECEMBER 18, 2009