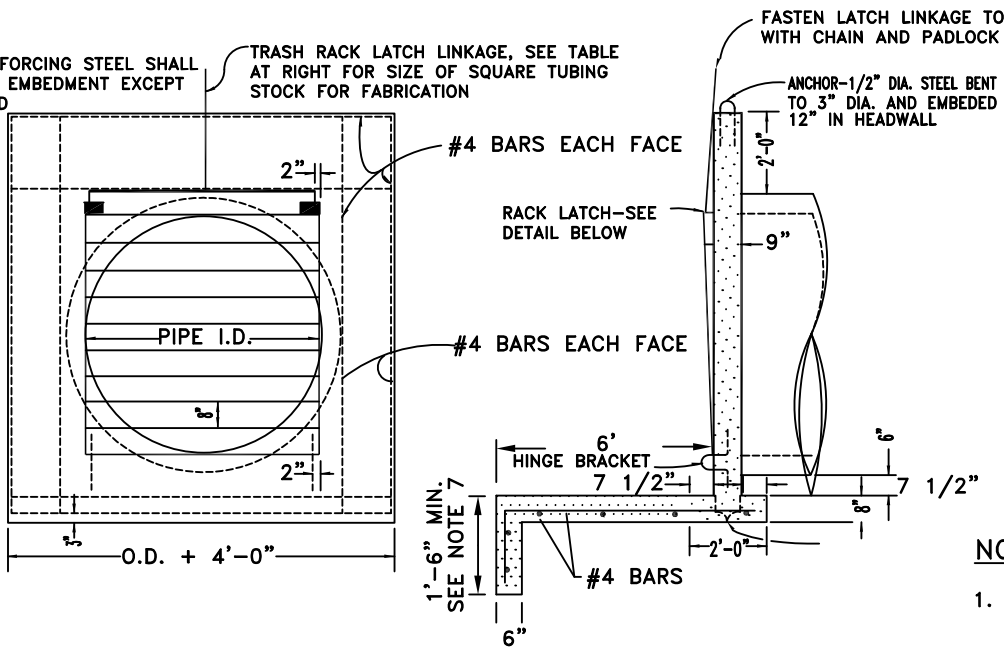


NOTE:  
ALL REINFORCING STEEL SHALL  
HAVE 2" EMBEDMENT EXCEPT  
AS NOTED

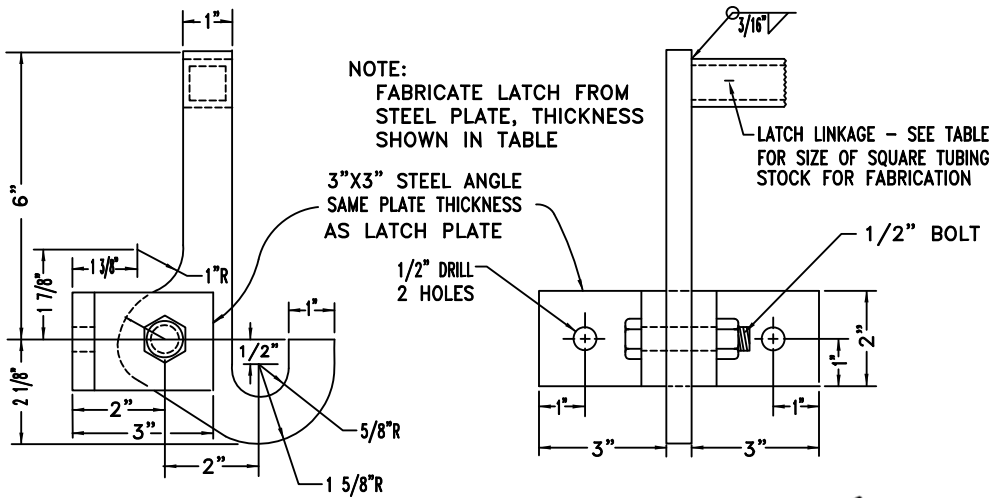
TRASH RACK LATCH LINKAGE, SEE TABLE  
AT RIGHT FOR SIZE OF SQUARE TUBING  
STOCK FOR FABRICATION



PIPE SIZE	RACK BAR SIZE	LATCH PLATE THICKNESS	LATCH LINKAGE SIZE
21"	#4	1/4"	1", .095" THICK
24"	"	"	"
27"	#5	"	"
30"	"	3/8"	"
33"	#6	"	"
36"	"	"	1", .133" THICK
42"	#7	"	"
48"	"	1/2"	"
54"	"	"	"
60"	#8	"	"
66"	"	"	"
72"	"	"	"
84"	"	"	"

**NOTES:**

1. ENTIRE RACK TO BE WELDED REINFORCING STEEL OR ROUND BARS OF EQUAL DIA. WITH HORIZONTAL BARS BEING 8" CENTER TO CENTER.
2. USE CLASS "A" CONCRETE, 6 SACK.
3. ROOM SHALL BE PROVIDED DOWNSTREAM TO LAY RACK FLAT.
4. FASTEN LATCH BRACKET TO HEADWALL WITH 1/2" X 6" BOLTS WITH HEX NUTS, OR 1/2" EXPANSION BOLTS.
5. WHEN RACK IS IN THE CLOSED POSITION, THE BOTTOM RACK BAR SHALL BE TIGHT AGAINST THE TOP OF THE HINGE BRACKET SO THAT THE RACK CANNOT BE LIFTED OFF THE LATCH.
6. FABRICATE HINGE BRACKET FROM #4 RE-BAR.
7. CUTOFF WALL NOT REQUIRED IF HEADWALL IS TIED TO DETAIL DR-11.



NOTE:  
FABRICATE LATCH FROM  
STEEL PLATE, THICKNESS  
SHOWN IN TABLE


3"X3" STEEL ANGLE  
SAME PLATE THICKNESS  
AS LATCH PLATE

LATCH LINKAGE - SEE TABLE  
FOR SIZE OF SQUARE TUBING  
STOCK FOR FABRICATION

1/2" BOLT

1/2" DRILL  
2 HOLES

  
ROB JENSEN  
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER

 CITY OF <b>ROSEVILLE</b> CALIFORNIA	DEPARTMENT OF PUBLIC WORKS
<b>PIPE INLET STRUCTURE &amp; TRASH          RACK (30" PIPE OR SMALLER)</b>	
SCALE: NONE REVISED: MARCH 2007 DRAWN BY: STAFF APPROVED BY: R JENSEN	
DR-14	