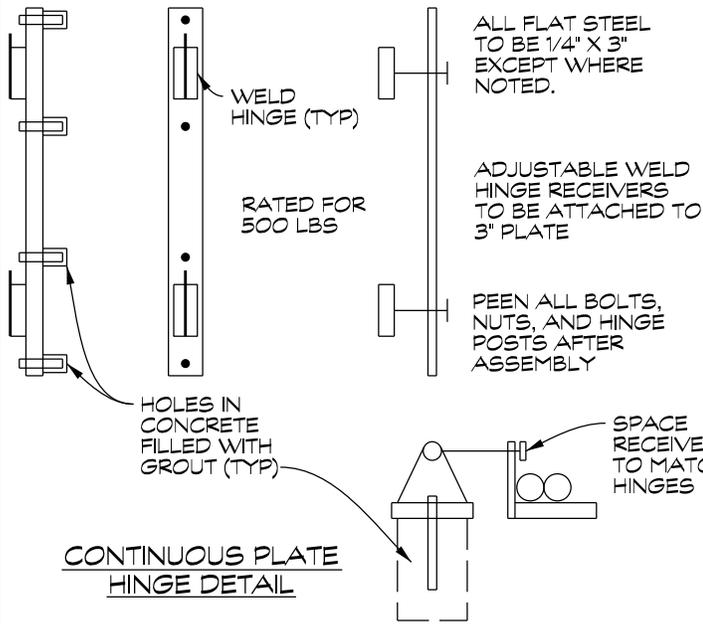
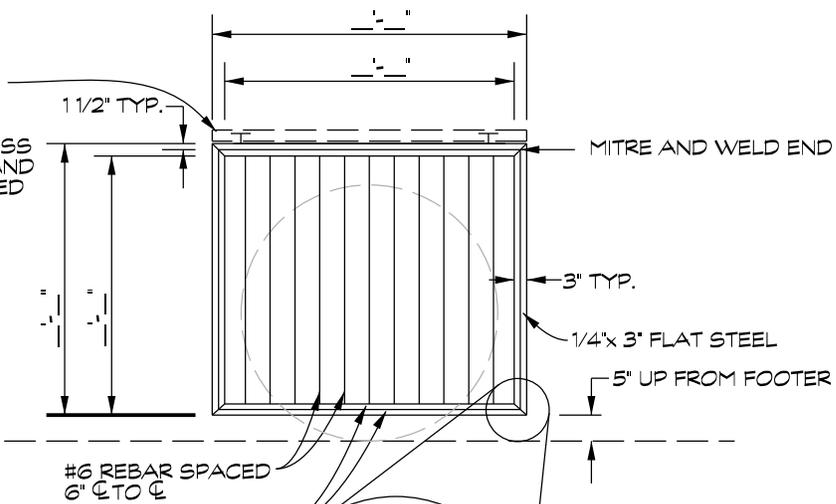


PIPE OUTFALL RACK



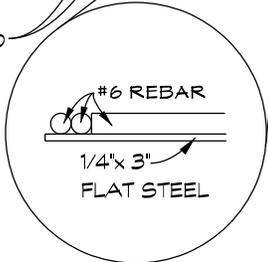
NOTE:
 DIMENSIONS TO BE SPECIFIED ON PLAN. OVERALL DIMENSIONS SHALL BE 6" LARGER THAN PIPE OUTSIDE DIAMETER.
 PIPE OUTFALL RACK TO BE HOT DIPPED GALVANIZED. NO PAINTED FIELD MODIFICATIONS.
 RACK IS HELD DOWN BY WEIGHT ONLY, IT IS NOT LOCKED.

CONTINUOUS PLATE HINGE, SEE DETAIL THIS SHEET ANCHOR WITH MINIMUM (2) EACH. 5/8" X 6" CLASS 8 GALVANIZED OR STAINLESS STEEL BOLTS, WASHERS, AND NUTS DRILLED AND GROUTED IN ACCORDANCE WITH 430.03.31 WITH MINIMUM 3" CLEARANCE.



NOTES:

1. HINGES
 - A. WELD TO RACK, 1/4" WELD ALL AROUND
 - B. PLACE 6" FROM EDGE
 - C. GALVANIZE WITH RACK
2. HASP
 - A. WELD TO ALL REBAR CROSSINGS ALL AROUND
 - B. PLACE AT CENTERLINE
 - C. GALVANIZE WITH RACK
3. SHACKLE & CONTINUOUS PLATE HINGE
 - A. 1/4" WELDS ALL AROUND
 - B. GALVANIZE WITH RACK



SIDE VIEW OF FRAME

Martin B. Covington III, PE
 SWM Program Engineer
 DISTRIBUTED FOR COMMENT MAY 3, 2010
 COMMENTS RECEIVED AT C.C. SURVEYORS MEETING MAY 19, 2010
 EFFECTIVE DATE: JULY 29, 2010
 REVISED TO SPECIFY MOUNTING HARDWARE AND DISTRIBUTED FOR COMMENT AT C.C. SURVEYORS MEETING NOV. 19, 2014
 REVISED TO INCORPORATE COMMENTS AND CLARIFY WHEN USED. DISTRIBUTED FOR COMMENT MARCH 18, 2015.
 EFFECTIVE DATE: MAY 20, 2015
 REVISED TO PLACE HINGES AT TOP OF FRAME.
 REVISED 26 MARCH 2025

USE AS DIRECTED BY CARROLL COUNTY

TO BE INSTALLED ON POND INFLOWS WHEN:

1. PIPE IS GREATER THAN 36" DIA.
2. THERE ARE STILLING POOLS IN THE STORM DRAIN SYSTEM.
3. THE STORM DRAIN SYSTEM IS INLET FED (NO OPEN PIPES)