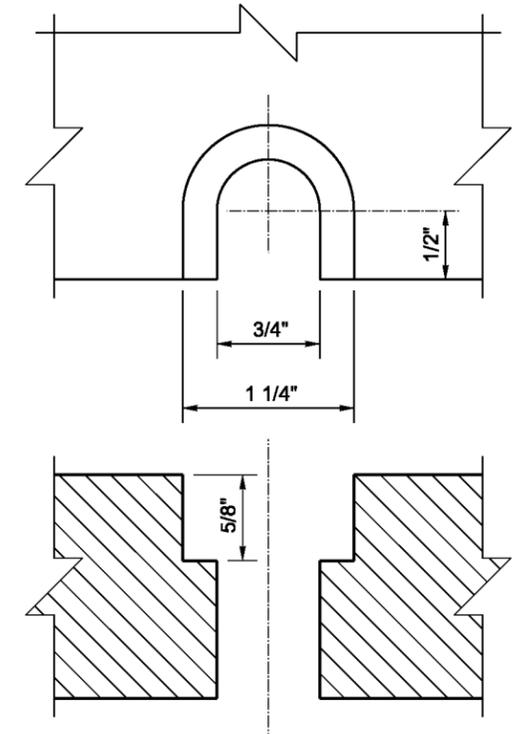


NOTES

1. Bolt-down capability is required on all frames, grates, and covers, unless specified otherwise in the Contract. Provide 2 holes in the frame that are vertically aligned with the grate or cover slots. The frame shall accept the 5/8" - 11 NC x 2" Allen head cap screw by being tapped, or other approved mechanism. Location of bolt-down holes varies by manufacturer.
2. For frame details, see **Standard Plan B-30.10**.
3. Refer to **Standard Specification 9-05.15(2)** for additional requirements.



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNLESS IT IS USED IN CONNECTION WITH THE ORIGINAL SET BY THE ENGINEER AND APPROVED FOR THE PROJECT. IT IS TO BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**RECTANGULAR VANED GRATE**  
**STANDARD PLAN B-30.30-01**  
 SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

**Pasco Bakotich III** 04/26/12  
 STATE DESIGN ENGINEER DATE

Washington State Department of Transportation