NOTES

1. This frame is designed to accommodate 20" x 24" grates or covers as shown on Standard Plans B-30.20, B-30.30, B-30.40, and B-30.50.

2. 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.

3. Refer to Standard Specification 9-05.15(2) for additional requirements.

RECESSED ALLEN HEAD CAP SCREW
5/8"-11 NC x 2"

GRATE
FRAME

SECTION
BOLT-DOWN DETAIL
SEE NOTE 2

FRAME CAST INTO PRECAST
ADJUSTMENT SECTION = SEE
STANDARD PLAN B-30.90 FOR
ADJUSTMENT SECTION DETAILS

FLANGE UPWARD

RECTANGULAR FRAME
(REVERSIBLE)

STANDARD PLAN B-30.10-01

APPROVED FOR PUBLICATION
Pasco Bakotich III 04/26/12
STATE DESIGN ENGINEER
Washington State Department of Transportation