

SECTION 066000
FIBERGLASS V-NOTCHED WEIR PLATE (S-111)

1. DESCRIPTION

This specification shall govern all work required to fabricate and install all fiberglass V-notched weir plates required to complete the project.

2. MATERIALS AND FABRICATION

Plate shall be constructed for a 90° V-notched weir unless otherwise indicated on the drawings. Plate shall be of fiberglass reinforced polyester molded to a minimum thickness of 3" with matched die method to produce a uniform surface. Plate shall be resin rich, free of voids and unreinforced areas. The plate shall be provided with 2" diameter mounting holes spaced at 9" C-C. See contract drawings for plate dimensions.

Anchor Bolts shall be 2" x 4" stainless steel.

Washers shall be 5" in diameter and 3" thick fiberglass with a hole for a 2" bolt.

3. INSTALLATION

The weir plate shall be secured into position with 2" stainless steel anchor bolts and fiberglass washers. Bolts shall be set into concrete on 9" centers as shown in the drawings. The plate shall be fine adjusted for proper elevation and symmetry. The weir plate shall be caulked with non-hardening caulk.

4. MEASUREMENT AND PAYMENT

Unless indicated otherwise in the Proposal, Fiberglass V-Notched Weir Plates will not be measured and are considered subsidiary to the appropriate bid item.