

GRUNTY SHEETS SHEET NO. 27 DUPAGE 35 COUNTY 35 SHEETS

Notes:

All cast iron parts shall be gray iron conforming to the requirements of AASHTO M 105, Class 35B.

Bolts, anchor studs, washers and nuts shall conform to the requirements of ASTM A 307 and shall be galvanized according to AASHTO M 232.

Downspouts located on the exterior side of a painted steel fascia beam shall be painted with the finish coat specified for the exterior side of the fascia beam.

As an alternate, bolts, anchor studs, washers and nuts may be

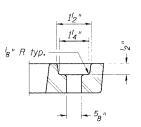
stainless steel according to Article 1006.29(d) of the Standard Specifications. Structural steel weldments of equal sections and of the same

configuration may be substituted for the cast iron scupper frame. Fillet or full penetration welds shall be used for the weldments. Details shall be submitted to the Engineer for approval. Structural steel weldments shall not be substituted for the cast iron scupper grate. Structural steel frames and downspouts shall be galvanized according to AASHTO M111.

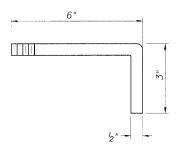
The Contractor shall take appropriate measures to assure that Protective Coat is not applied to the scupper.

Cost of the Grate, Frame, Downspout, Anchor Studs, Bolts, Washers and Nuts including complete installation of the scupper shall be paid for at the contract unit price each for Drainage Scupper, DS-12.

Alternate fiberglass downspout conforming to ASTM D 2996 with a short-time rupture strength hoop tensile stress of 30,000 psi min. may be used in lieu of the cast iron or steel eauivalent.



BOLT HOLE DETAIL



ANCHOR STUD DETAIL

DRAINAGE SCUPPER, DS-12

TIMBER EDGE DRIVE OVER SALT CREEK DUPAGE COUNTY F.A. ROUTE 7. SEC. 03-00019-00-BR STATION 103+31.33 STRUCTURE NO. 022-6000

CHRISTOPHER B. BURKE ENGINEERING LTD. 9575 West Higgins Road, Suite 600 Rosemont, Illinois 60018

REVISIONS DATE	NOTE: DIMENSIONAL DATA IS NOT TO BE DETAINED BY SCALING ANY PORTION OF THIS DRAWING.	DRAWING NUMBER
	1031/0940 971 7904/07 No. 1040/07 No.	S-15

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UNIT QUANTIT Drainage Scupper, DS-12

are 1^{l}_{4} " deep, 6 thru holes)

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