



Angles shall be set so that each bearing bar of prefabricated grate shall have full bearing on both ends. The finish top of concrete shall be even with the grate surface.

All exposed concrete edges shall be finished with a one half (½) inch radius edge foot except as noted. The grate shall be set parallel to the transverse roadway slope and parallel to longitudinal grade.

See the Standard Specifications for further requirements.



Exp. It. Seal not shown

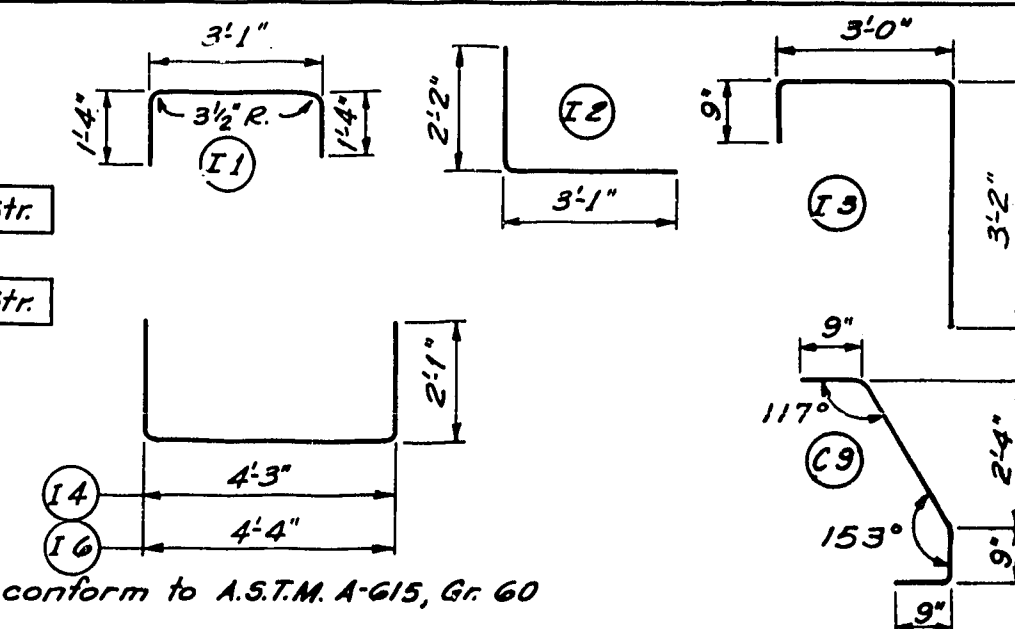
Concrete Class AX	0.6	Cu.Yds.
Steel Reinforcing Bars	75	Lbs.
* Structural Carbon Steel	290	Lbs.
Expansion Jt. Seal	6.0	Lins. Ft.
12" Dia. Galv. Corr. Steel Drain Pipe	2.5	Lins. Ft.

* Includes grate, anchor bolts and pipe clamps



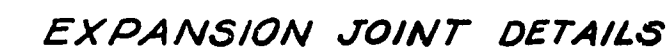
BRACKET TO SECURE DRAIN
PIPE TO WALL

BENDING DIAGRAM
(All dimensions are out to out)



Note:

All reinforcing shall conform to A.S.T.M. A-615, Gr. 60



SR 82 **MP 38.94 TO MP 41.52**
UNION GAP TO SUNNYSIDE DAM
YAKIMA COUNTY
GANGLE ROAD OVERCROSSINGS

BRIDGE GRATE INLETS

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION
OLYMPIA, WASHINGTON

W. A. BULLEY

SECRETARY



C. S. G.

APPROVED May 4, 1979
84 OF 89 SHEETS

CONTRACT NUMBER 11631

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