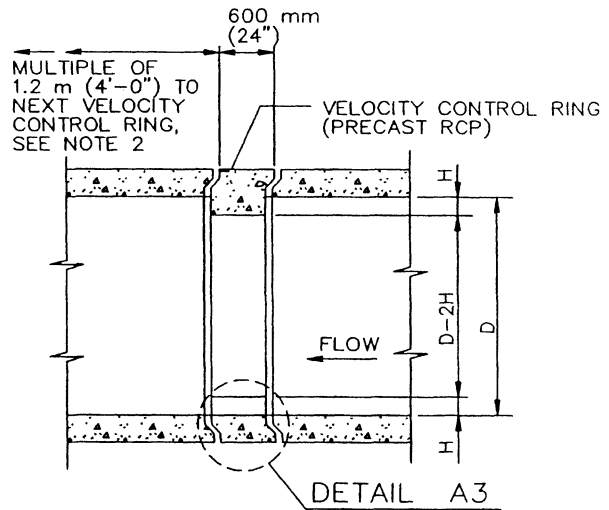
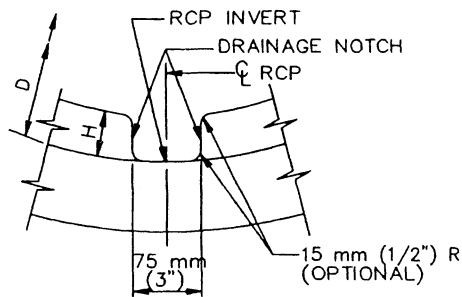


NOTE:
PLATE AND ANCHOR BOLTS NOT SHOWN.

PRECAST RCP SECTION
LOOKING UPSTREAM

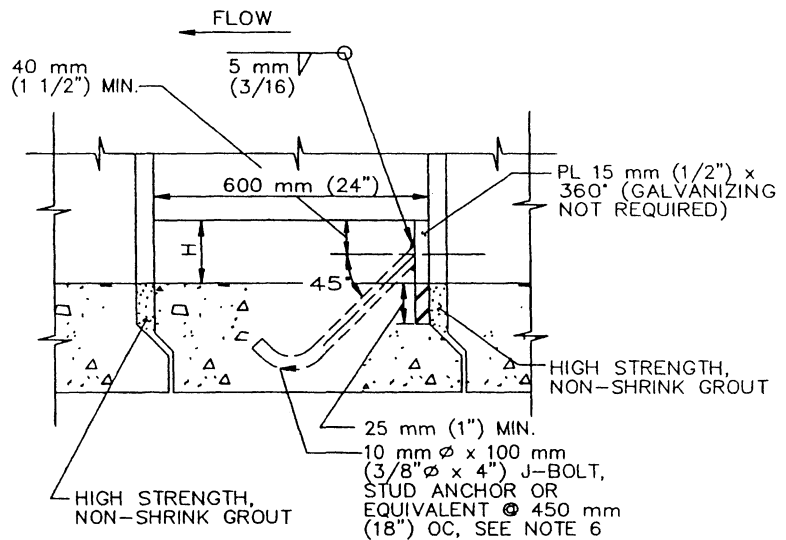


SECTION A1-A1



DETAIL A2

NOTE:
PLATE AND ANCHOR BOLTS NOT SHOWN.



DETAIL A3

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

PROMULGATED BY THE
PUBLIC WORKS STANDARDS INC.
GREENBOOK COMMITTEE
1993
REV. 1995

**VELOCITY CONTROL RING
PRECAST RCP SECTION**

USE WITH STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

STANDARD PLAN
METRIC
383-1

SHEET 1 OF 2

NOTES

1. DRAINAGE NOTCH OF VELOCITY CONTROL PRECAST SECTIONS SHALL BE PLACED ON THE RCP INVERT AND CENTERED ON THE RCP CENTERLINE.
2. THE LOCATION AND SPACING OF THE VELOCITY CONTROL RINGS ARE SHOWN ON THE PLANS. THE SPACING BETWEEN THE RINGS UPSTREAM TO DOWNSTREAM SHALL BE A MULTIPLE OF 1.2 m (4'-0").
3. PRECAST RCP VELOCITY CONTROL RINGS SHALL BE MANUFACTURED PER SSPWC 207-2. REINFORCING STEEL CAGES SHALL BE THE SAME AS THAT OF THE ADJACENT RCP EXCEPT THAT AN ADDITIONAL CAGE MAY BE ADDED. THE RING NEED NOT BE D-LOAD TESTED.
4. VALUES D AND H ARE SHOWN ON THE PLANS. THE VALUE H SHALL BE A MULTIPLE OF 37.5 mm (1 1/2").
5. THE MINIMUM INSIDE DIAMETER (D-2H) SHALL BE 900 mm (36").
6. #10M (#3) REINFORCING STEEL BARS 300 mm (12") LONG WELDED TO THE REINFORCING CAGES MAY BE USED IN PLACE OF THE J BOLTS OR STUD ANCHORS.
7. CONCRETE STRENGTH FOR VELOCITY RINGS SHALL BE 35 MPa (5,000 PSI) AT 28 DAYS.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

**VELOCITY CONTROL RING
PRECAST RCP SECTION**

STANDARD PLAN
METRIC

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SHEET 2 OF 2