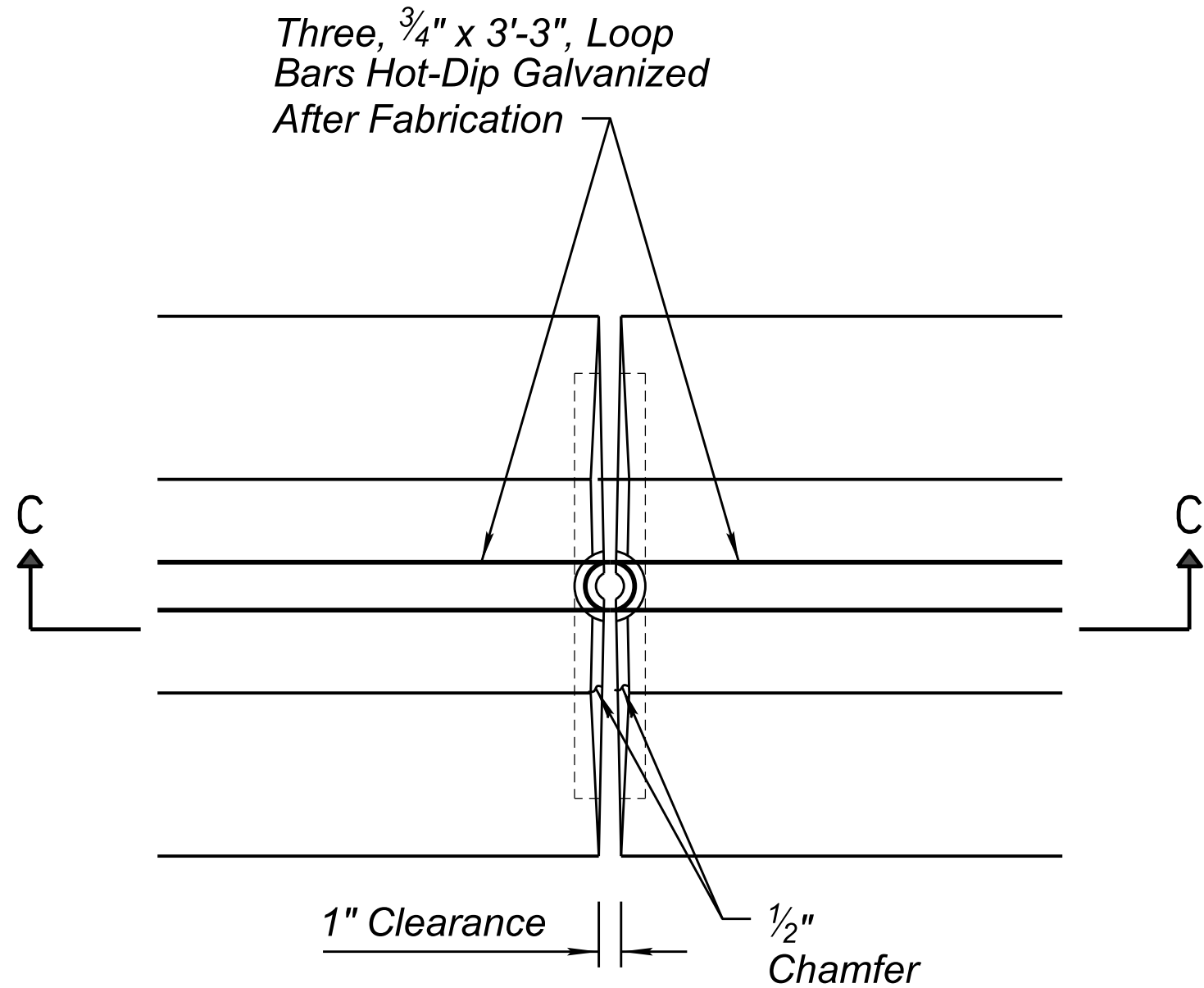


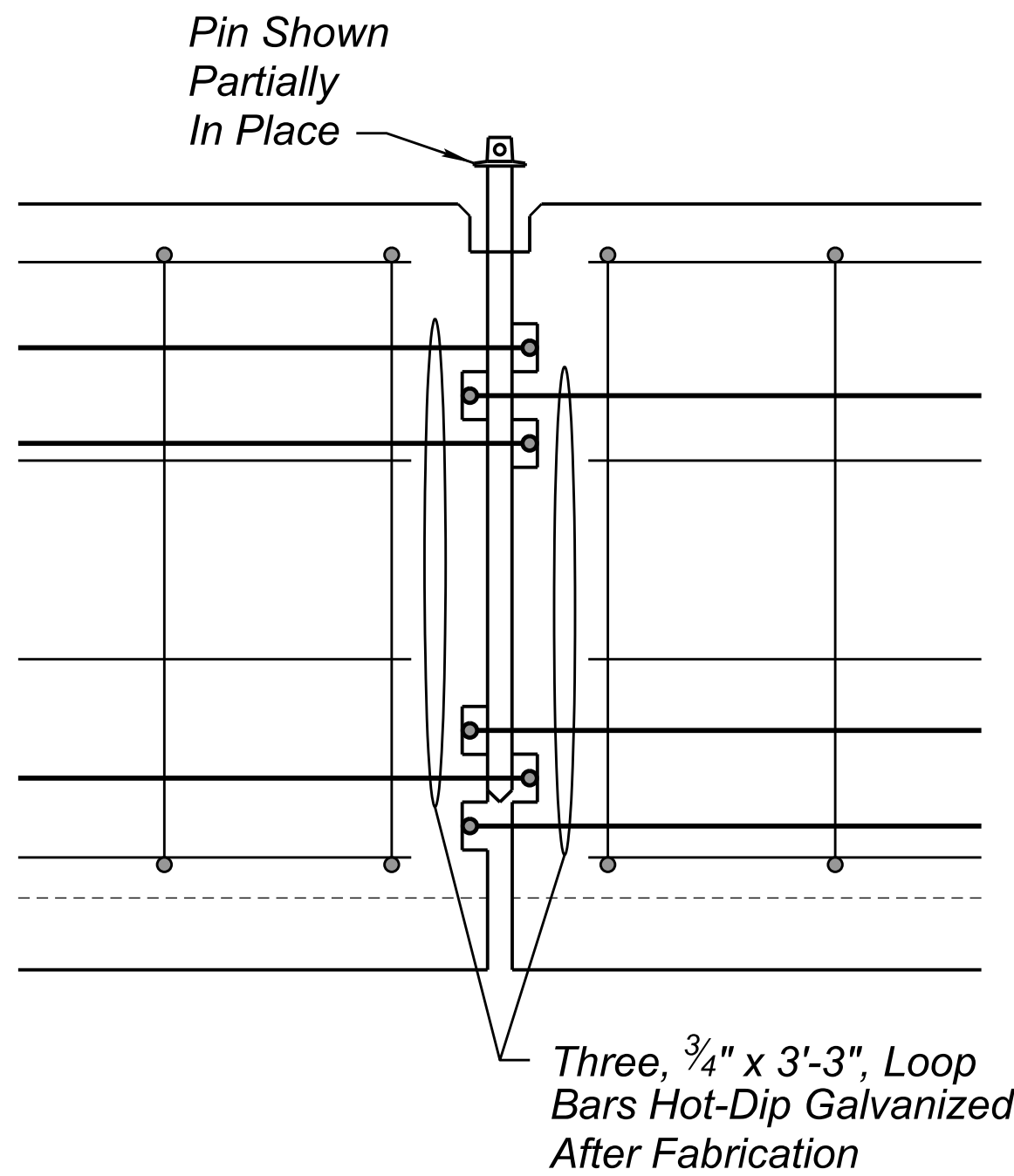
Note to Designer:
The information presented in this Standard Drawing has been prepared in accordance with recognized engineering principles and is for general use. It should not be used for specific application without competent professional examination and verification of its suitability and applicability by a licensed professional engineer. Contents within the inner border line shall not be altered.

06/2014
PRIOR DISTRIBUTION DATE



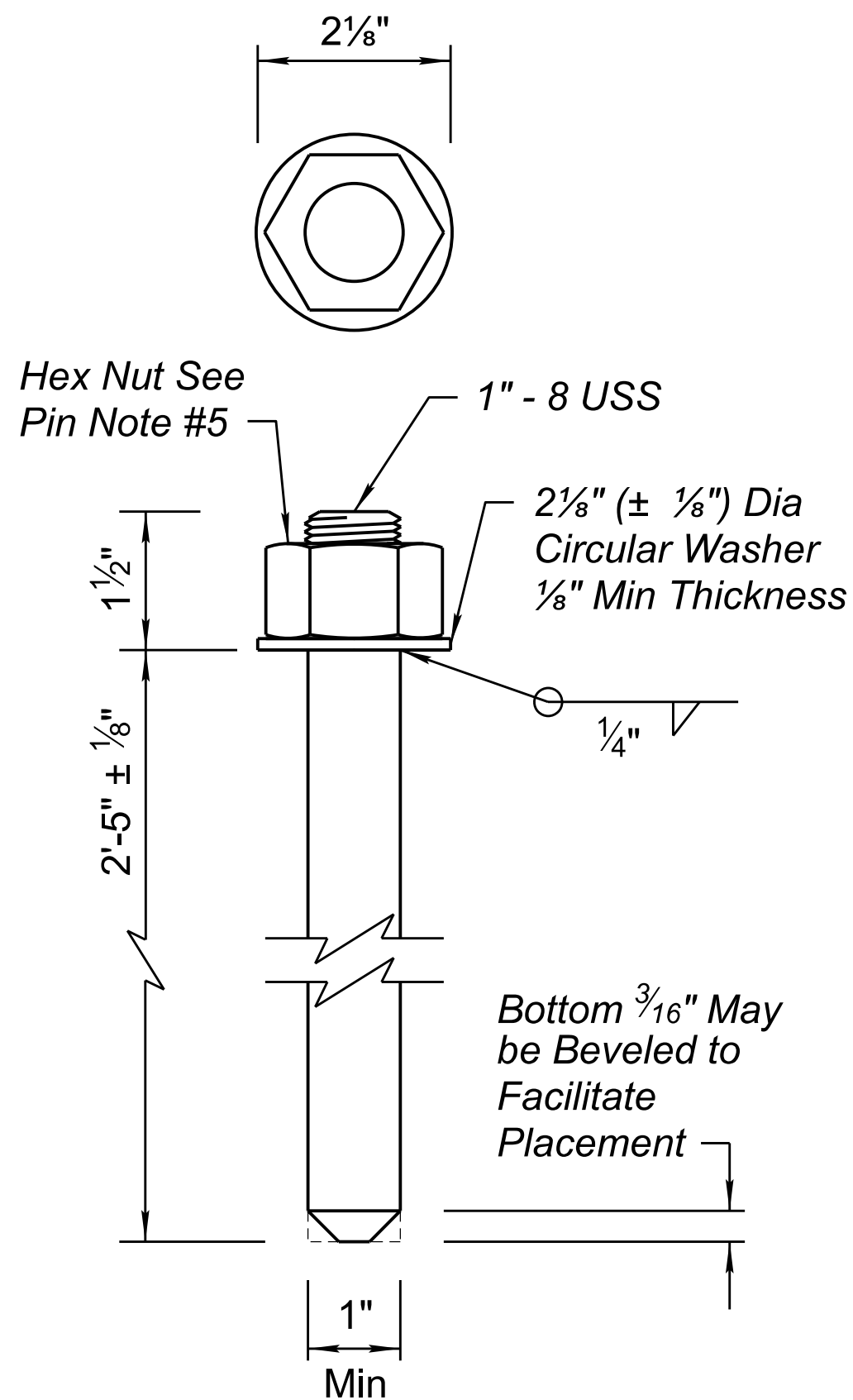
PLAN

For Details Not Shown
See End Views "A-A" & "B-B"
Sheet 1 of 2



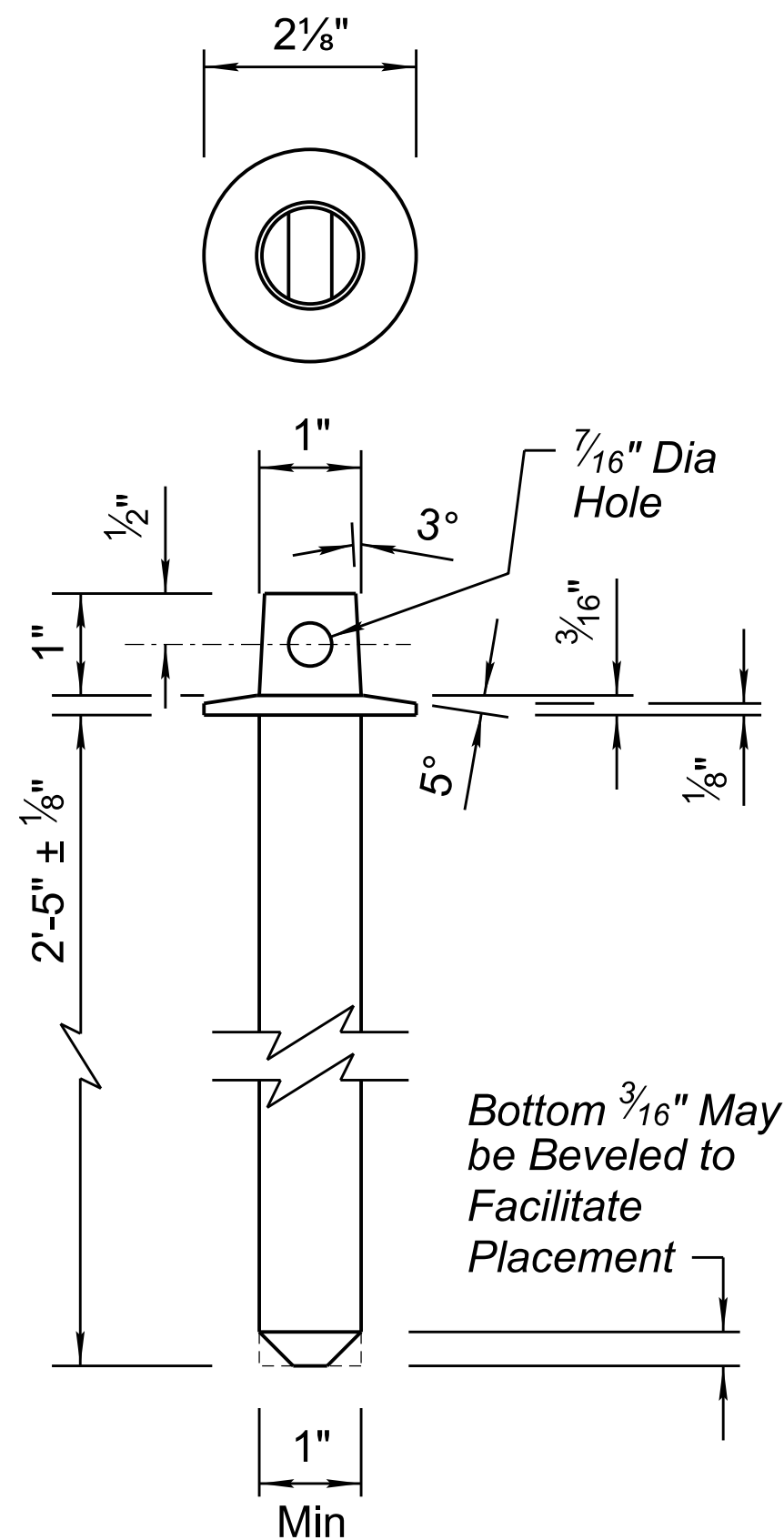
SECTION C-C

For Details Not Shown
See End Views "A-A" & "B-B"
Sheet 1 of 2



CONNECTOR PIN DETAIL

Galvanize Pin
After Fabrication



ALTERNATE CONNECTOR PIN DETAIL

Galvanize Pin
After Fabrication

GENERAL NOTES:

1. Temporary concrete barrier shall be precast concrete barrier with pin and loop assembly. Conforming to these drawings, the Standard Specifications or Project Special Provisions.
2. All metal reinforcing shall be 2 inches clear of nearest face of concrete unless otherwise shown.
3. Install type BM-1, BM-2 or BM-3 barrier markers at 20 ft spacing. See Std Dwgs M-32 & M-33.
4. Normal use of precast barrier units is restricted to curvatures with radii greater than 771 feet.
5. Maximum chord length for curves with a 1,427 ft radius or less, shall be 12'-6". Maximum chord length for curves with radii exceeding 1,427 feet, shall be 25 feet.
6. When scuppers are not required, plug them with 2 inches of grout, minimum.
7. Concrete grouting of scuppers shall be non-shrinking, weak in strength and of thick consistency.
8. The surface upon which the temporary barrier is placed should have no greater than 10:1 slope in any direction.

PIN NOTES:

1. Washers shall be forged as an integral part of the pin, or shall be welded as shown.
2. Pins shall be galvanized after fabrication according to ASTM A153.
3. Pins that conform to critical dimensions, (pin length & dia, washer dia & thickness), are acceptable if an approved top configuration for lifting the pin is provided.
4. Pins, nuts and washers shall conform to ASTM A449.
5. To facilitate pin removal, thread hex nut halfway onto the pin and tack weld or provide a coupling nut, tightened sufficiently to prevent loosening. Fill nut with grease to exclude ice or other contaminants.

PRECAST NOTE:

1. Concrete 28 day design strength of $f_c = 4000$ psi welded wire fabric shall conform to the requirements of AASHTO M55.

STANDARDS ENGINEER		ARIZONA DEPARTMENT OF TRANSPORTATION PROJECT DELIVERY AND OPERATIONS DIVISION TRAFFIC SIGNING AND MARKING STANDARD DRAWING	
M. ORLANDINI			
RECOMMENDED FOR APPROVAL		PRECAST CONCRETE BARRIER CONNECTOR ASSEMBLY DETAILS	DRAWING NO. C-3 Sheet 2 of 4
GROUP MANAGER			
K. WILCOXON			
APPROVED			
STANDARDS COMMITTEE APPROVED FOR DISTRIBUTION			
DRAFT 07/2026 DATE			