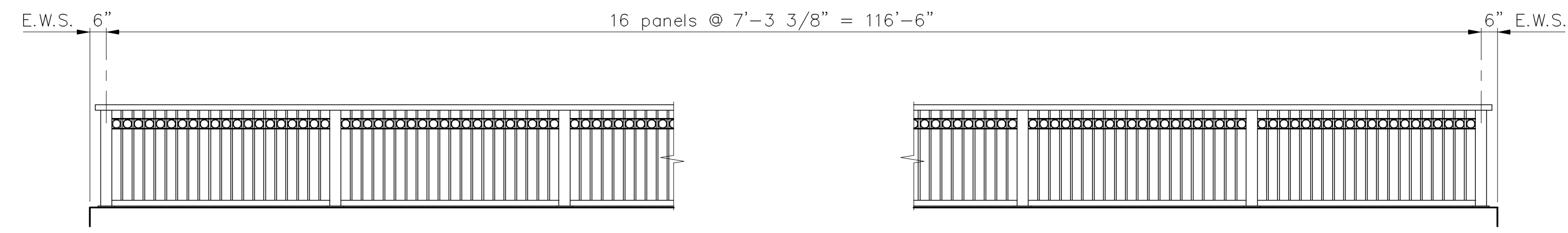
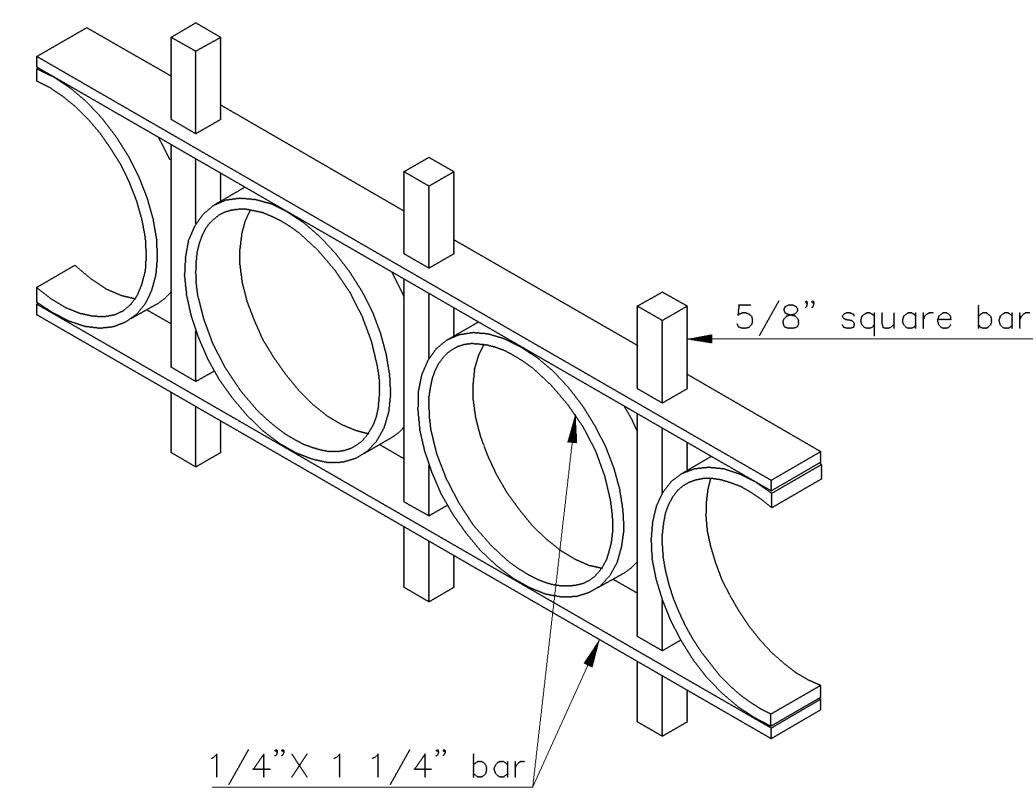


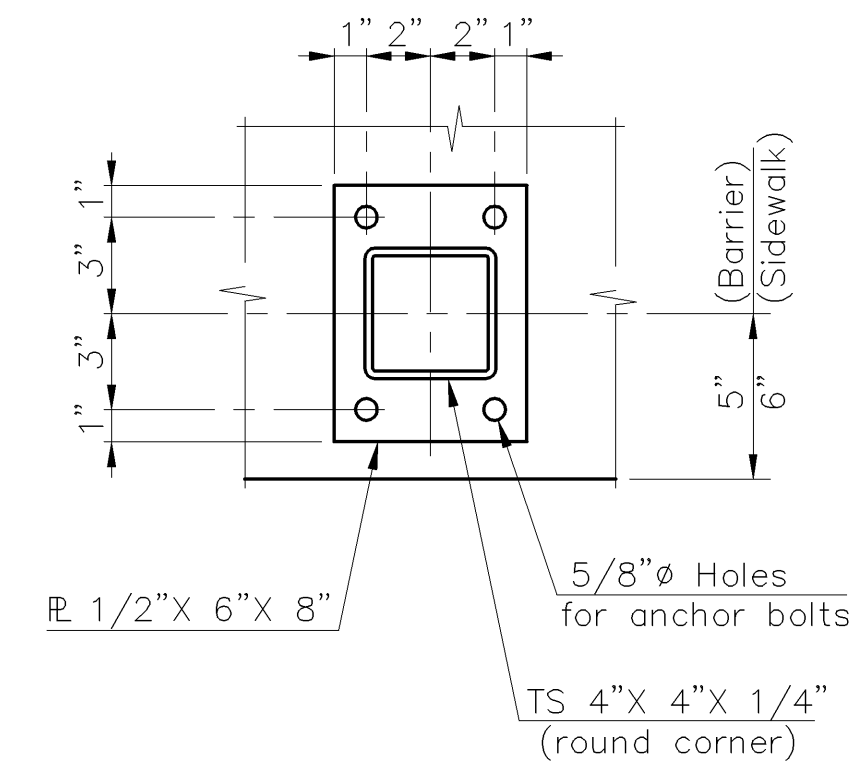
F.H.W.A. REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0247-01	2005	16	48



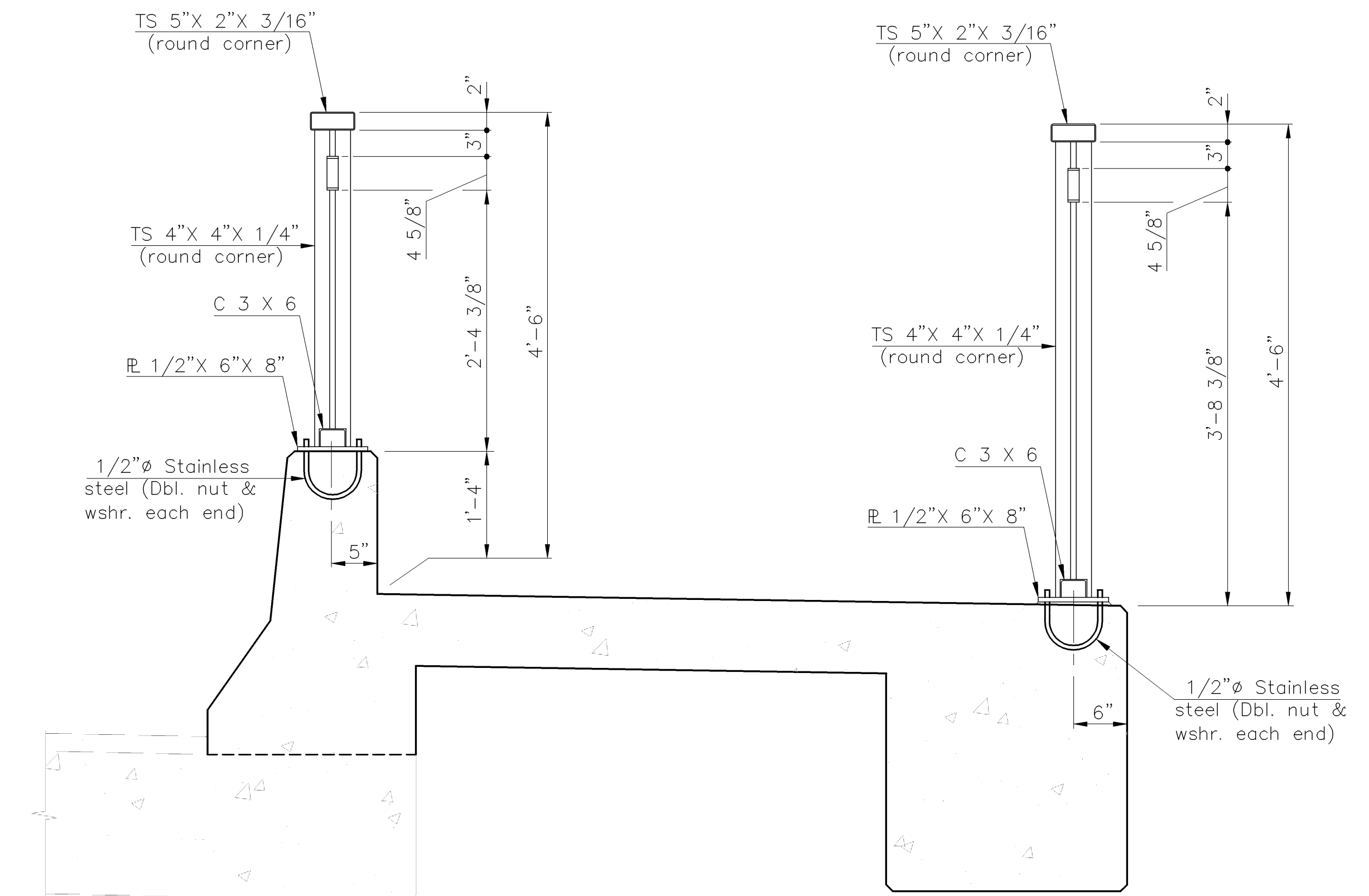
ELEVATION



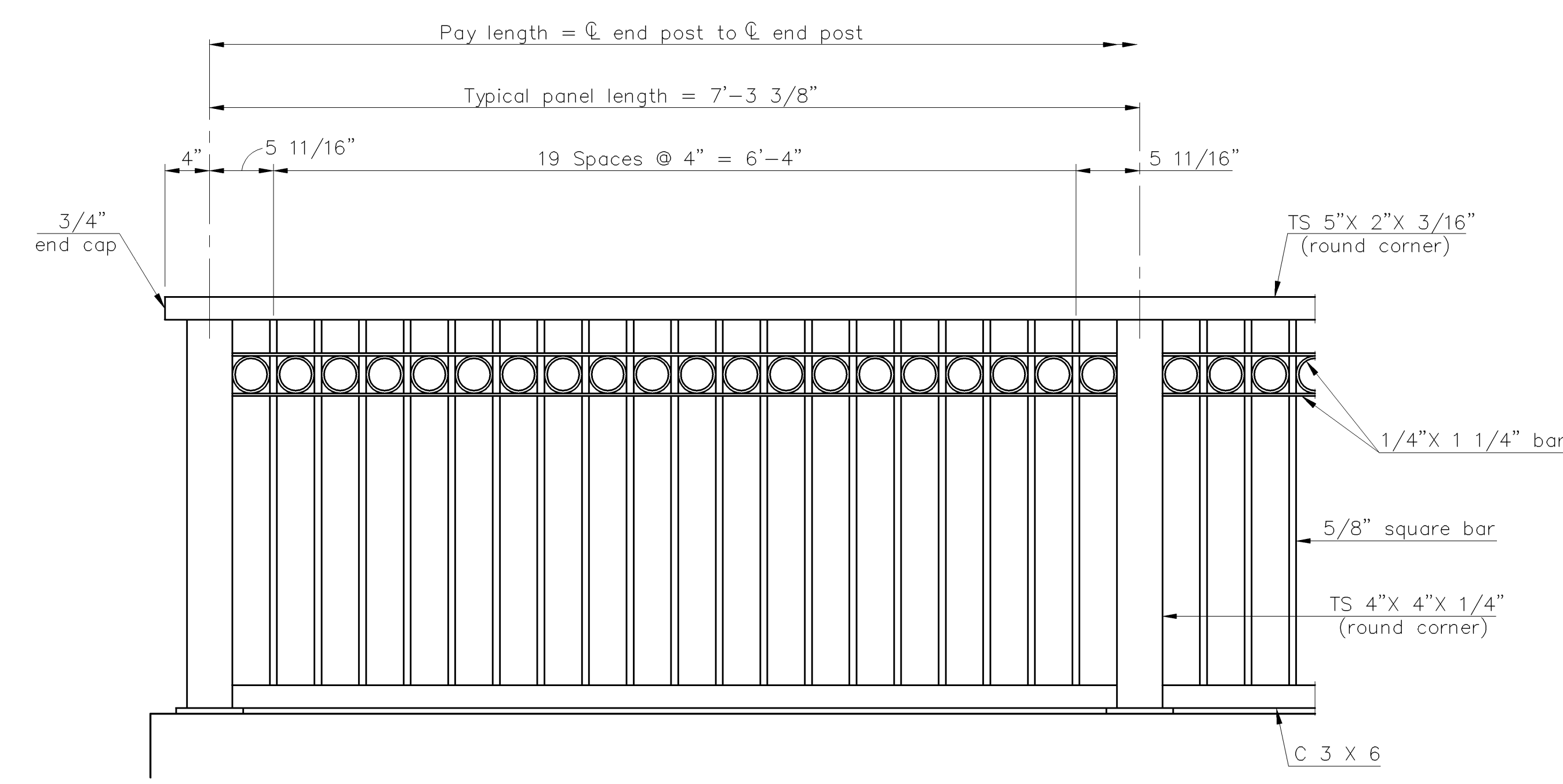
ISOMETRIC DETAIL



BASE PLATE



TYPICAL SECTION



ELEVATION

GENERAL NOTES

Structural tubing for for the top rail and posts shall conform to ASTM A500, Grade B. All remaining structural steel shall conform to ASTM A709 (Grade 36).

All elements of the rail assembly shall be galvanized and painted after fabrication. Galvanizing shall be done in accordance with the requirements of the KDOT Specifications. Furnish a three component paint system consisting of a 2 Component 98% Solids Polymeric Epoxy Amido-Amine Primer Tiecoat (1-2 mils dry film thickness) and a high-build polyurethane finish coat. Supply the finish coat in the color black. Furnish a finish coat that conforms to the following requirement: High-Build Polyurethane Finish Coat.....

Apply the paint system as recommended by the manufacturer. Touch-up the painted handrail in the field as necessary.

Metal handrails shall be constructed according to Section 709 of the Standard Specifications.

The rails shall be set parallel to the bridge wearing surface. All posts and pickets shall be set vertical. Shims may be used between the concrete and the base plates.

All top and bottom handrail-to-post welded connections shall be ground smooth. No field welding will be permitted. The Contractor shall submit shop drawings to the Engineer for approval prior to fabrication.

All material, labor, splices, shims and installation shall be paid for under the bid items "Handrail (Metal) (54)" or "Handrail (Metal) (38)". The handrail is to be bid on a linear feet basis from centerline of posts as shown in the details and is measured horizontally (level).

J:\2003PROJ\03548\DWGS\SLAB 1"=3'

PROJECT NO. 87 N-0247-01		
PEDESTRIAN RAIL DETAILS		
OLIVER ST. BRIDGE OVER GYPSUM CREEK		DESIGNED RSC SCALE
STA. 26+53.8 CITY OF WICHITA		DETAILED DEG DATE
		QUANTITIES SHEET OF