

DATE					
BY					
REFERENCES NOTED					
REFERENCES CHECKED					

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0191-01	2002	34	92

BRIDGE HANDRAIL NOTES:

The rail members shall conform to ASTM Designation A36 or equivalent.

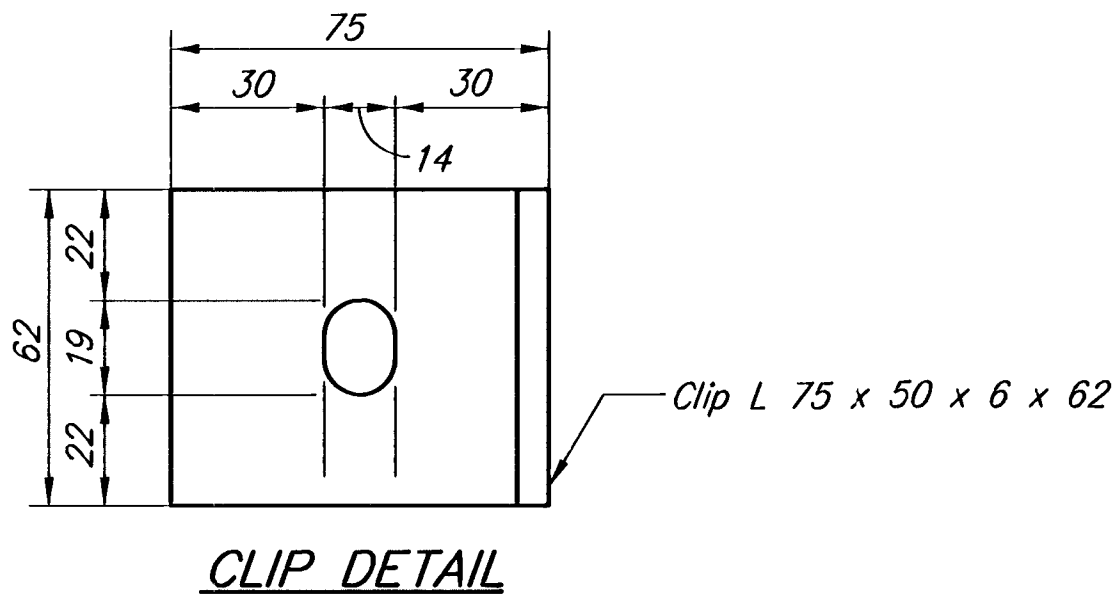
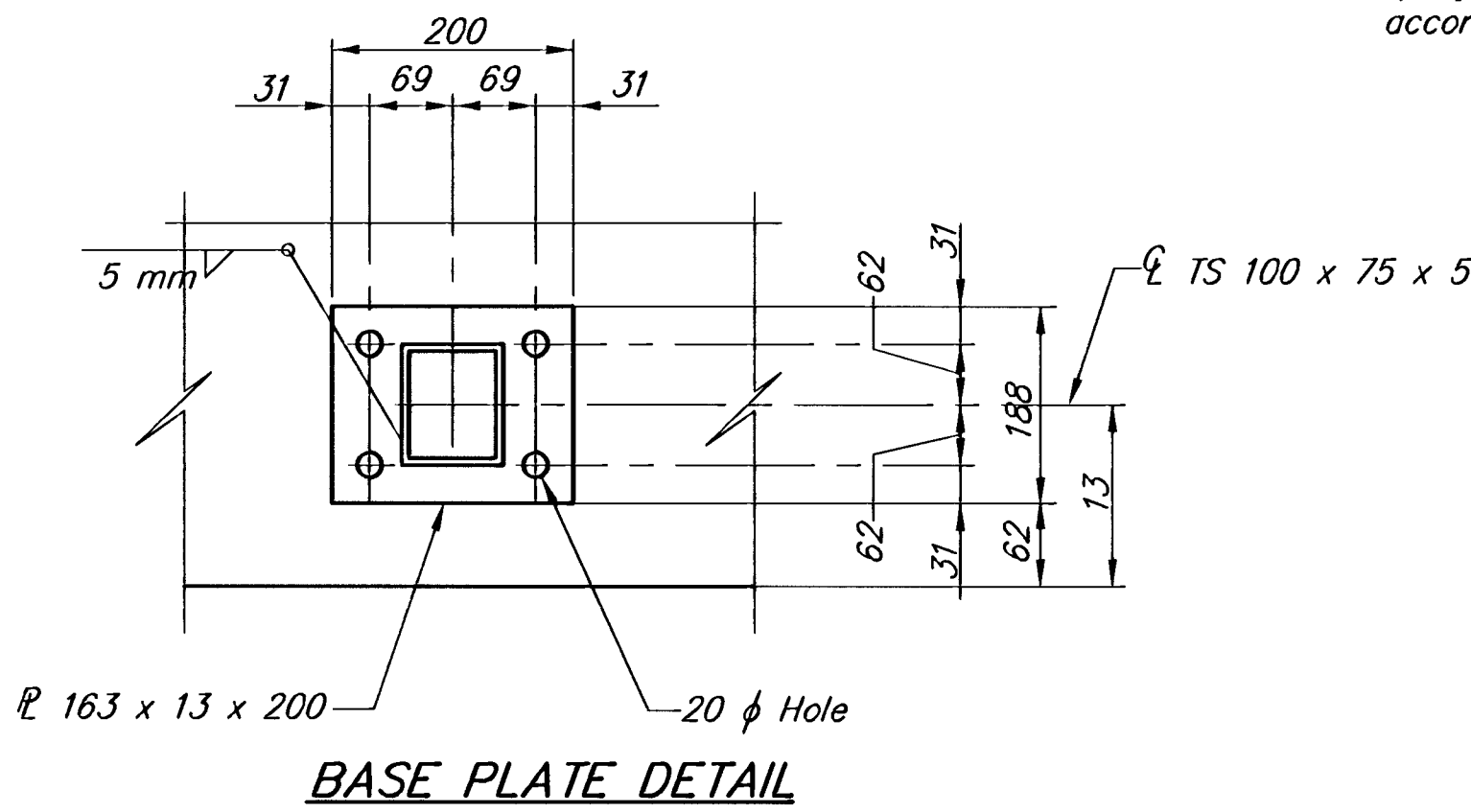
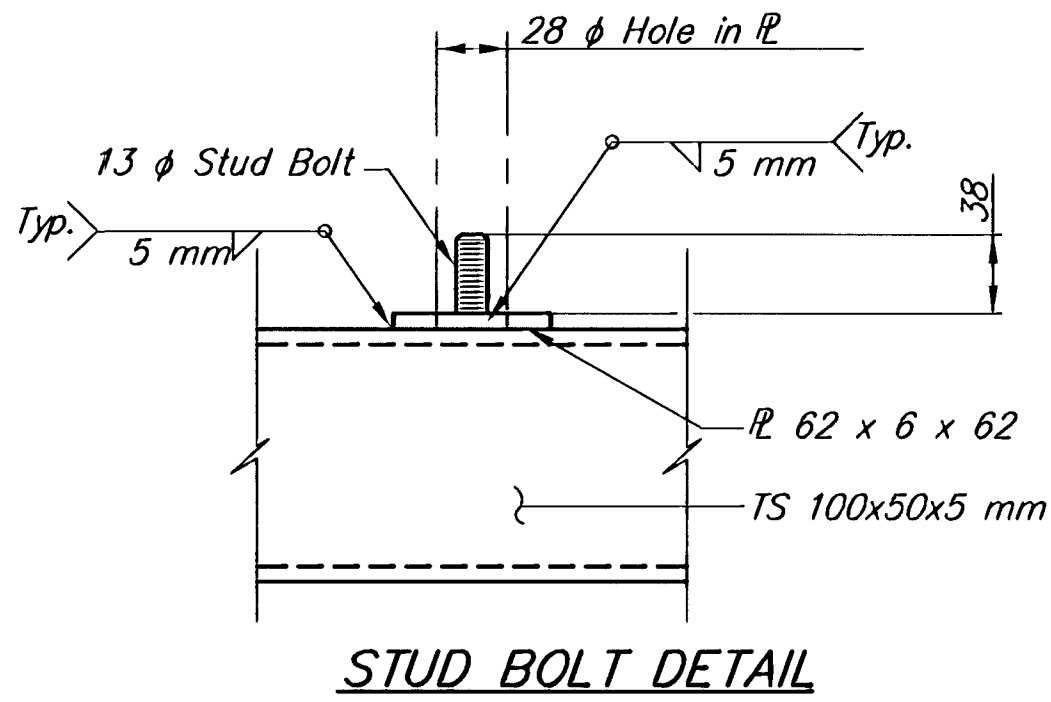
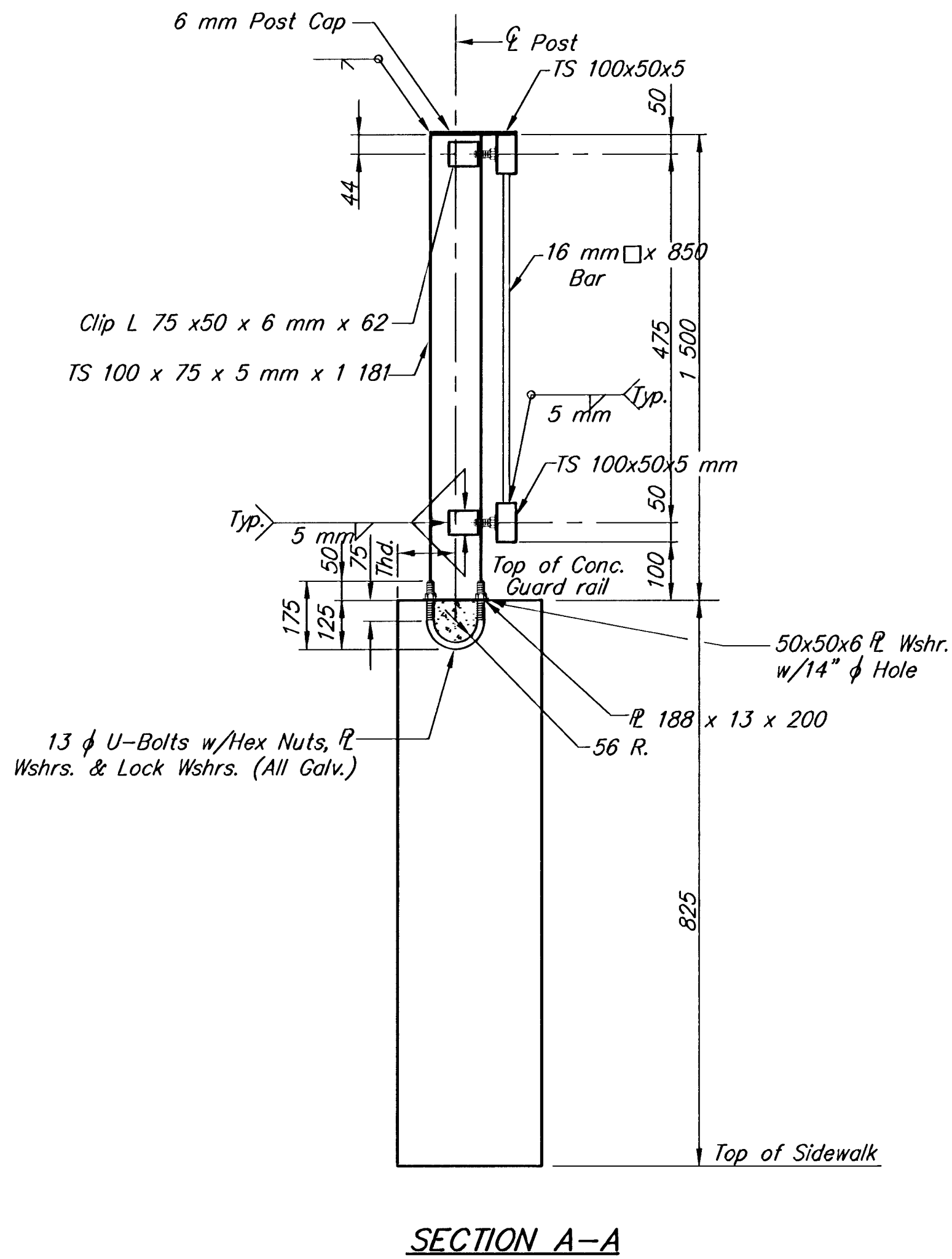
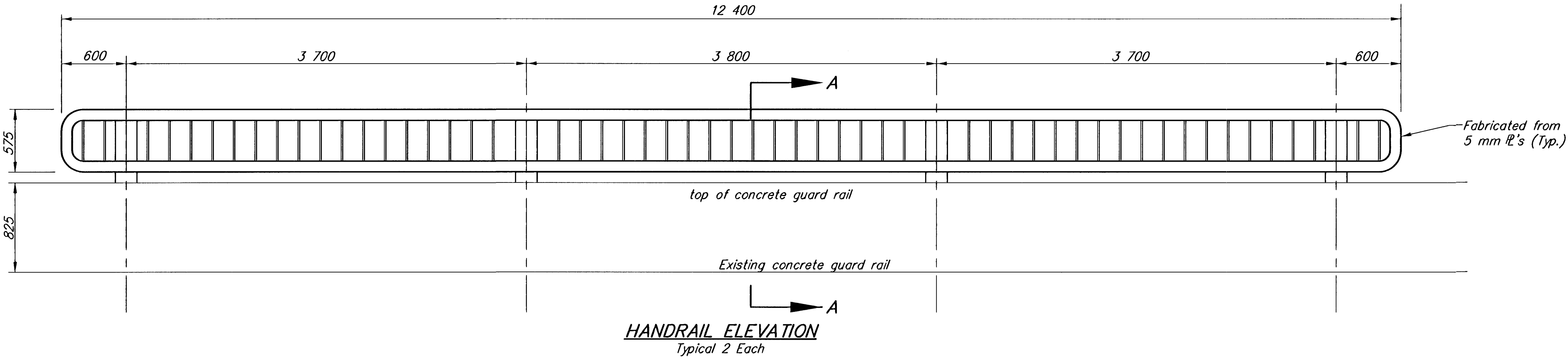
Rail shall be fabricated in lengths to include a minimum of two and a maximum of three panels. Posts shall be set vertical. Shims may be used between concrete and base plates of posts.

All parts of Bridge Handrail shall be painted. Shop and field coats shall conform to organic or inorganic Zinc for primer and "High-Build Polyurethane Finish Coat" at the Standard Specifications for State Road and Bridge Construction, 1990 Edition, Kansas Department of Transportation. All materials, equipment and labor necessary for the installation of the Handrail on the bridge shall be subsidiary to the bid item, "Handrail".

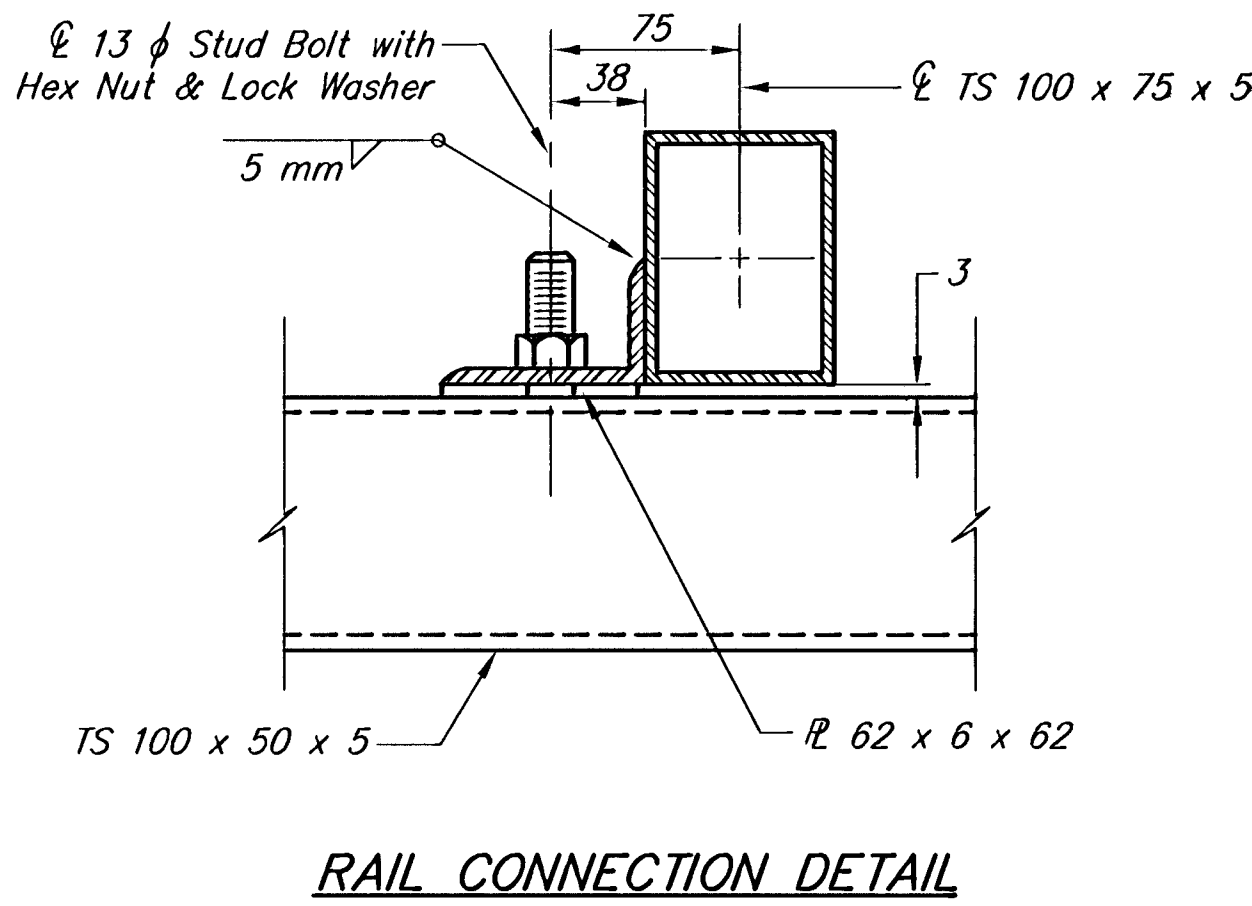
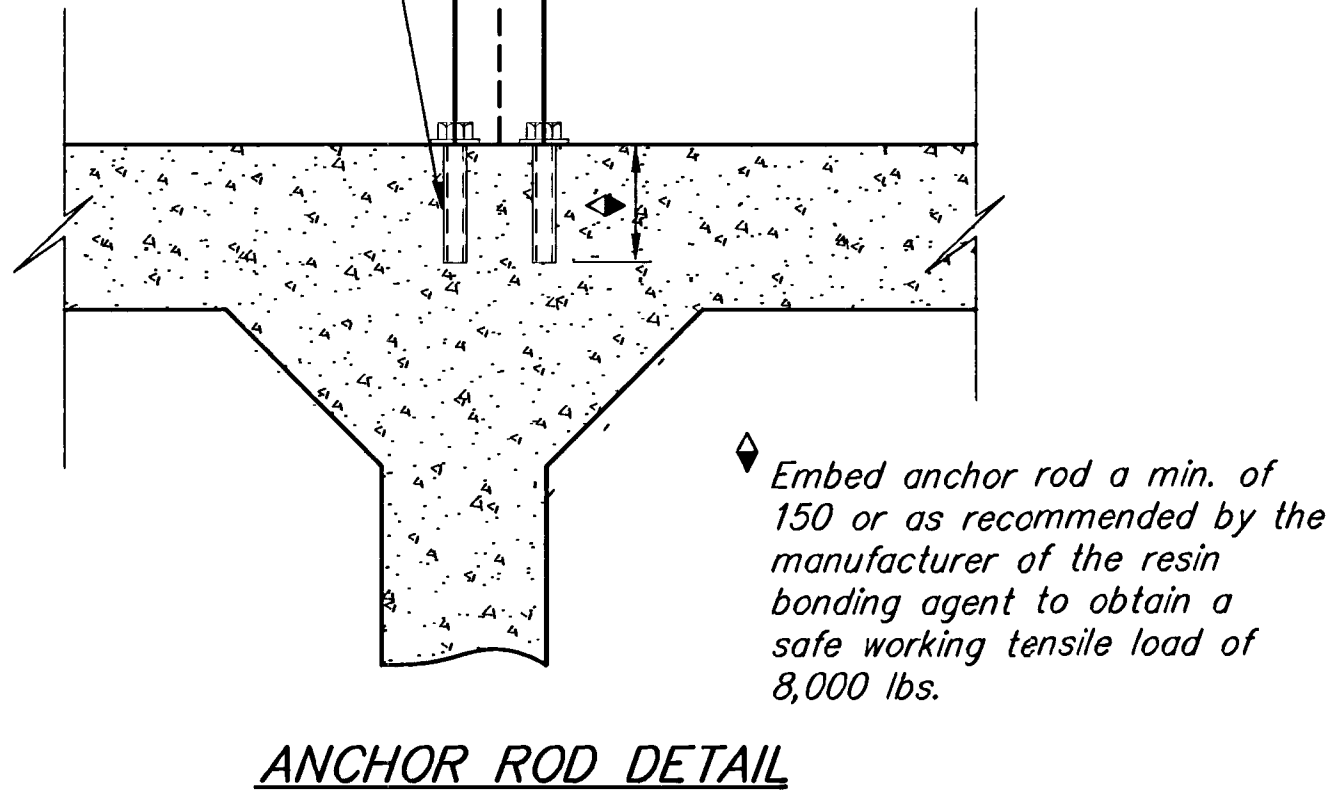
Handrail shall be hunter Green in color. Contractor to submit color chart to Engineer for approval.

Touch Up: All bolts, nuts and studs and other small areas of damaged paint (0.929 m² or less) requiring touch up will be prepared and painted w/approved alluminum epoxy mastic primer.

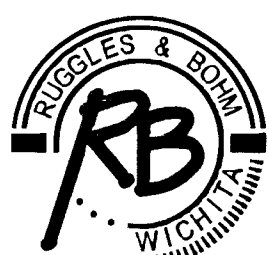
HANDRAIL TABLE	
EACH	RAIL LENGTH
2	12 400
TOTALS	24 800



19 Dia. A36 Threaded Rod to be grouted with an approved epoxy or polyester resin in accordance with KDOT Specifications



HARRY STREET IMPROVEMENTS HANDRAIL DETAILS WICHITA, KANSAS



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DRAWING FILE: HDRAIL1-METRIC
PROJECT NUMBER: 472-83685

DESIGN	MWS	SHEET 34 OF 92
DRAWN	TEB	
REVIEW		
UTILITY		
DATE	Feb. 3, 2003	