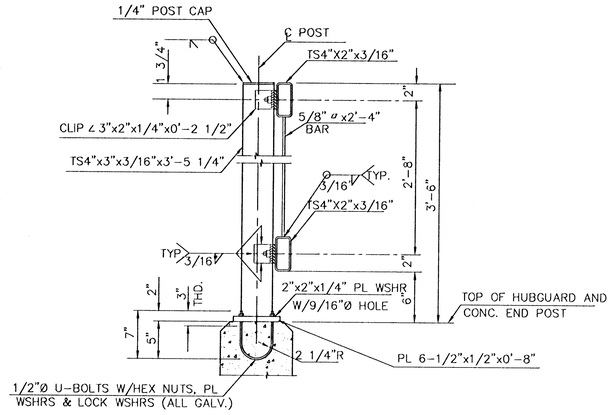
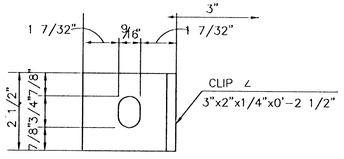
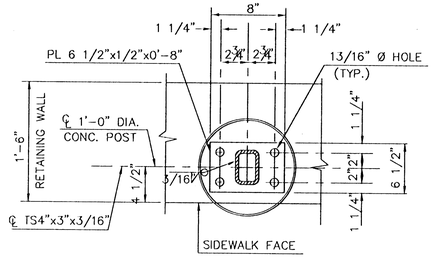



## TYPICAL HANDRAIL SECTION

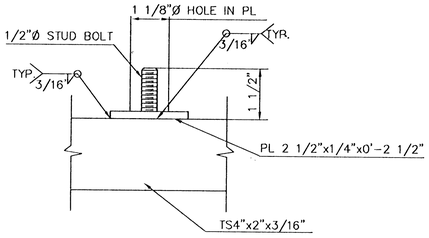



## CLIP DETAIL

NO SCALE




## BASE PLATE DETAIL



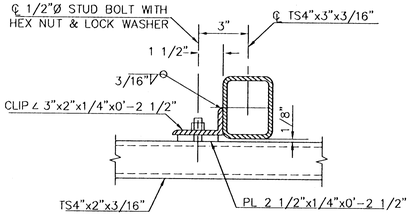

## STUD BOLT DETAIL

## BRIDGE HANDRAIL NOTES:

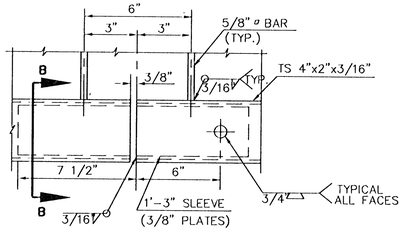
The rail members shall conform to ASTM Designation A36 or equivalent.

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.

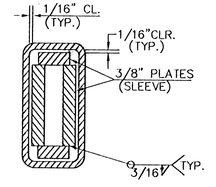
All parts of Bridge Handrail shall be pained. Shop and field coats shall conform to inorganic Zinc-Vinyl System of the Standard Specifications for State Road and Bridge Construction, 1990 Edition, Kansas Department of Transportation. All materials, equipment and labor necessary for the installation of the Handrail on the bridge shall be Subsidiary to the bid item, "R.C.B. Culvert."



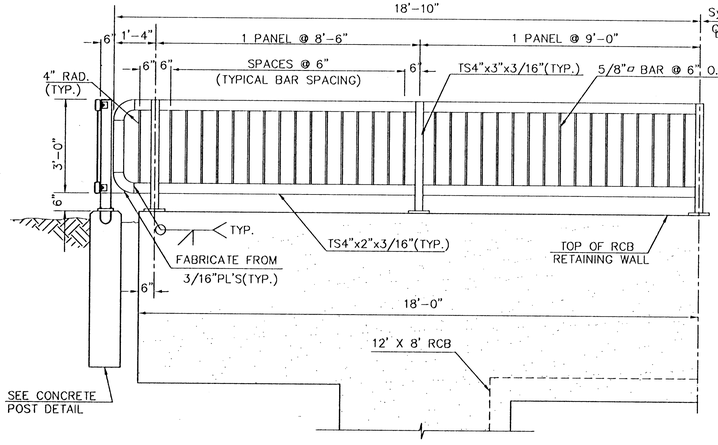

## RAIL CONNECTION DETAIL



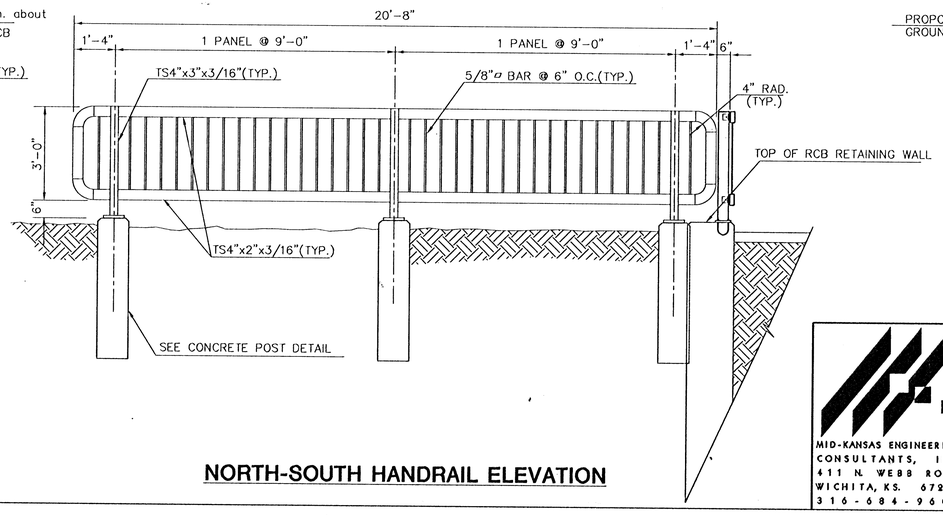

## SLEEVE DETAIL



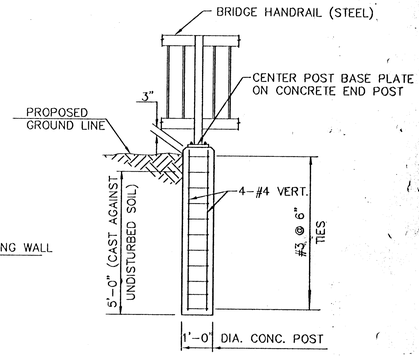

## SECTION B-B




## EAST-WEST HANDRAIL ELEVATION




## NORTH-SOUTH HANDRAIL ELEVATION




## CONCRETE POST DETAIL

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

**AREA "K" - 3RD STREET STORM WATER IMPROVEMENTS**
PROJECT NAME

**HANDRAIL DETAIL**
SHEET TITLE

| MJV | DPG | KJS |
|---|---|---|
| DESIGN BY: | DRAWN BY: | CHECKED BY: |
| JUNE 1996 | 93031RAL | 69 / 77 |
| DATE | JOB NO. | SHEET/JOB |