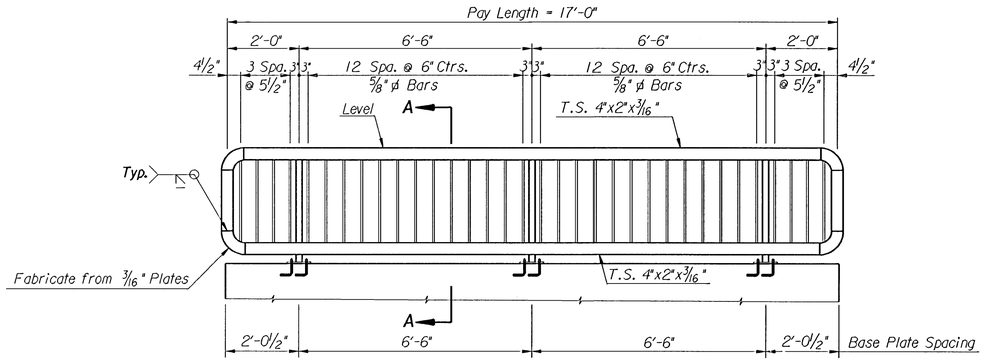
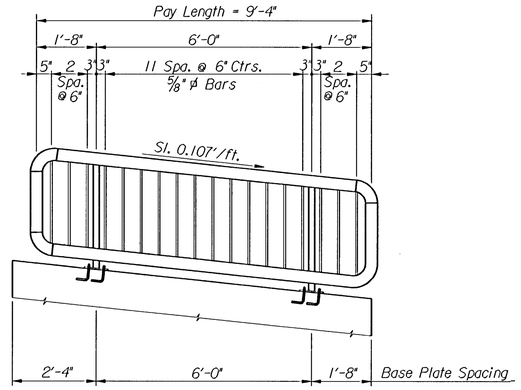
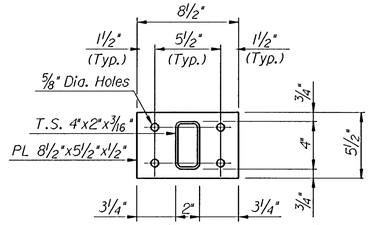
PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
618-34	1998	57	100



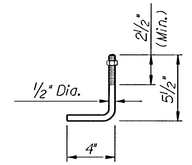
VIEW B-B



VIEW C-C



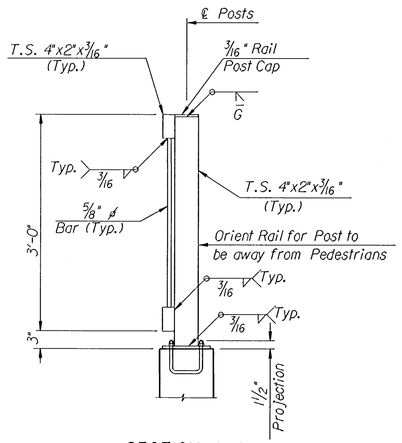
BASE PLATE
7 Required



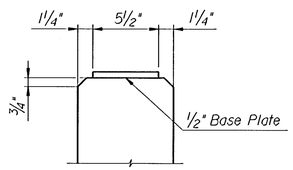
Galvanized (ASTM A153)

(May substitute expandable anchor bolts when approved by the Engineer)

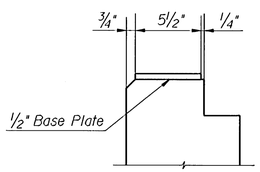
ANCHOR BOLT



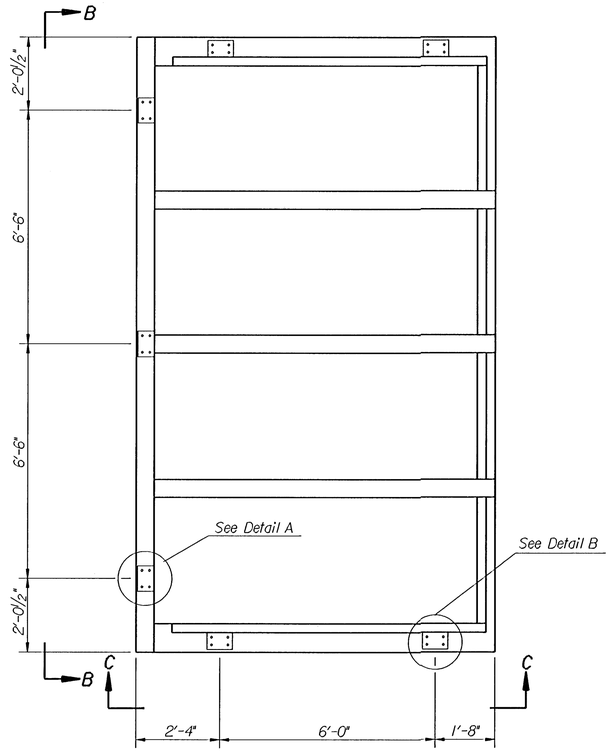
SECTION A-A



DETAIL A



DETAIL B



BASE PLATE LAYOUT

GENERAL NOTES

The horizontal members of the rail and posts shall be hollow structural tubing. All structural steel and tubing shall comply to A.S.T.M. designation A36 or A500 Grade B respectively.

Rail shall be fabricated in lengths as shown.

Posts and bars shall be set vertical.

The paint system shall be provided by Carboline: 350 Hanley Industrial Ct.: St. Louis, Mo. The application will be in accordance with the manufacturers recommendations.
The paint procedure is as follows:
1. Abrasive blast to commercial finish SSPC-SP6 to obtain a surface profile of 1½ mils.
2. Apply 2 coats of Carboline GP 818 Primer (2 to 4 mils per coat).
3. Apply one topcoat of Subsil 30 HS (2 to 3 mils) (Color Carboline-+336).
An approved substitution of the total paint system will be allowed with the approval of the Engineer.

Material and construction shall conform to the structural welding code A.W.S. D1.1-88.

Shop details must be submitted and approved by the Engineer.

The Handrail is Subsidiary to the bid item "Ditch Inlet Type I".

No.	Revisions	By	Date
1			

SEDGWICK COUNTY BUREAU OF PUBLIC SERVICES

HANDRAIL DETAILS

PROJECT NO. 618-34 SEDGWICK COUNTY

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.
ENGINEERS
WICHITA, KANSAS

Designed by	PDF	Checked by			
Drawn by	DJW	Date	JUNE 1997	Job No.	95297-2

i:\995\95297\002\handrail.dgn
plotted by : DJW 8-5-97