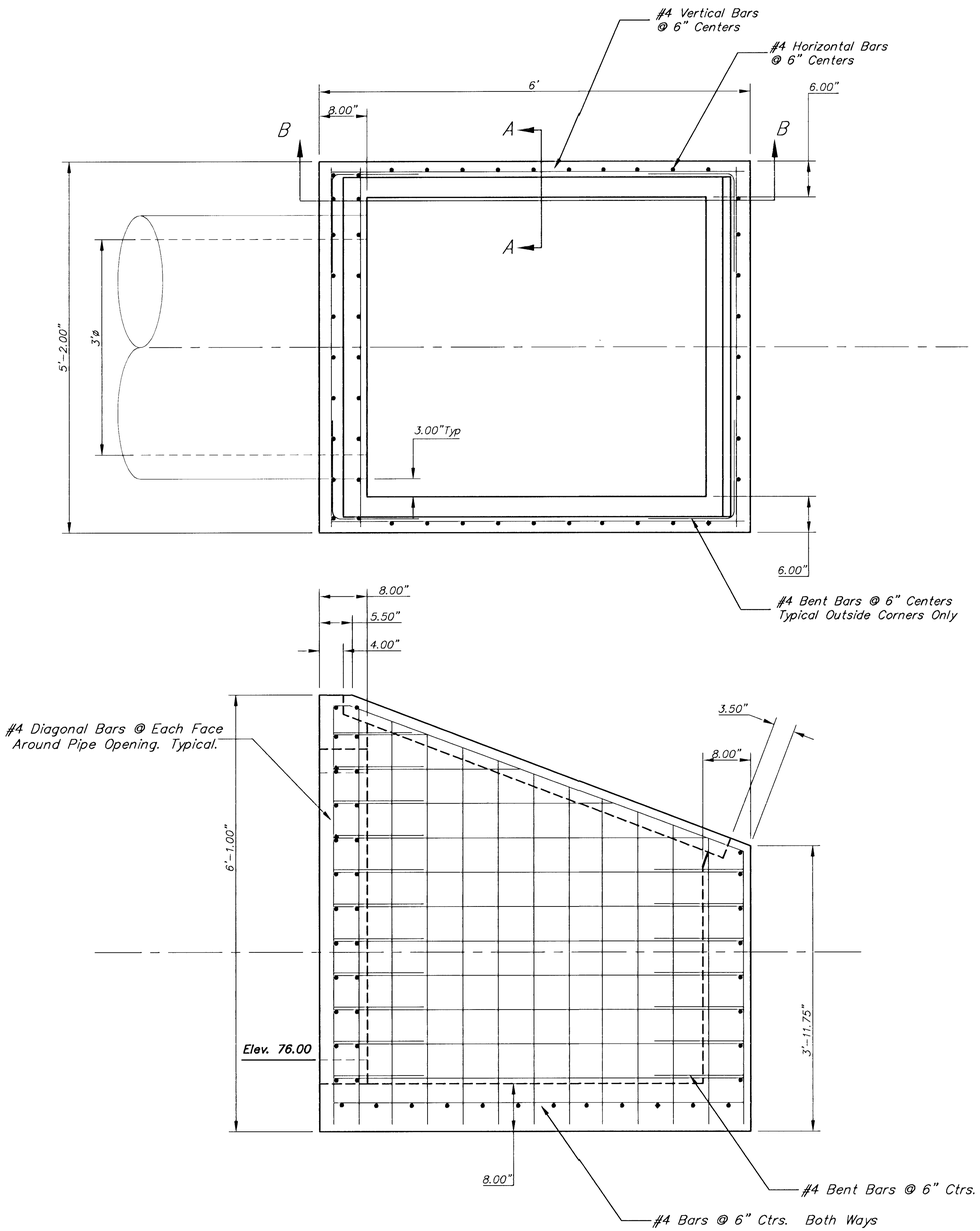
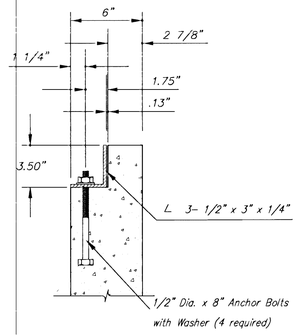
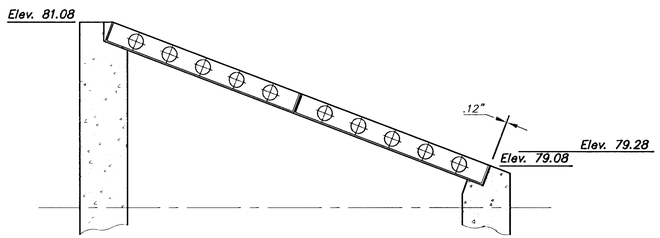




SECTION A-A



SECTION B-B

General Notes

Class A Concrete shall be used throughout. At the Contractor's option, Class A Concrete (AE) may be used. Bevel all exposed edges with a 3/4" triangular molding or an approved edging tool. Deductions in concrete quantities have been made for pipe openings.

Reinforcing Steel shall be a minimum Grade 60 ASTM A615.

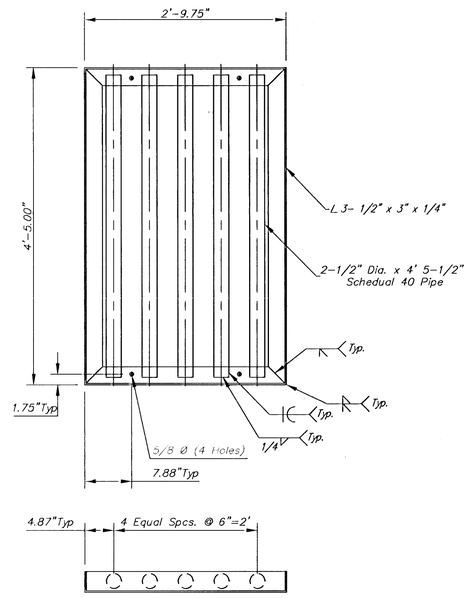
All dimensions relative to placement of reinforcing are to the centerline of bars unless otherwise noted. All Clearances are 1-1/2" unless otherwise noted.

Pipes will enter and leave the inlet at various positions. Field bend or cut reinforcing to clear pipes.

Inlet invert shall be shaped with unreinforced Class A Concrete.

Special Ditch Inlet shall be measured and paid for at the contract unit price bid per each. This shall be considered full compensation for all excavation, backfilling, materials, labor, equipment, tools and incidentals necessary to conplete the work.

The grate shall be fabricated from standard or commercial grade structural steel and black steel pipe. The unit shall be hot dipped, galvanized after fabrication, in accordance with ASTM A123 except the weight of coating shall average not less than 2.0 ounces per square foot of actual surface and no individual test shall show less than 1.8 ounces of coating per square foot of actual surface area.



GRATE DETAIL

PROJECT NUMBER			SHEET NAME	ENGINEERING DIRECTORY	
472-76-245-83324			spinlet	F:\Eng\Hydraulic\Details	
DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	TCA	JFB	Sept. 2002	None	99-09-E450

CAPITAL IMPROVEMENT PROJECT

SPECIAL DITCH INLET

HYDRAULIC AVENUE PAVING - 47TH STREET TO MAC ARTHUR ROAD

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELLIS * WICHITA, KANSAS 67211