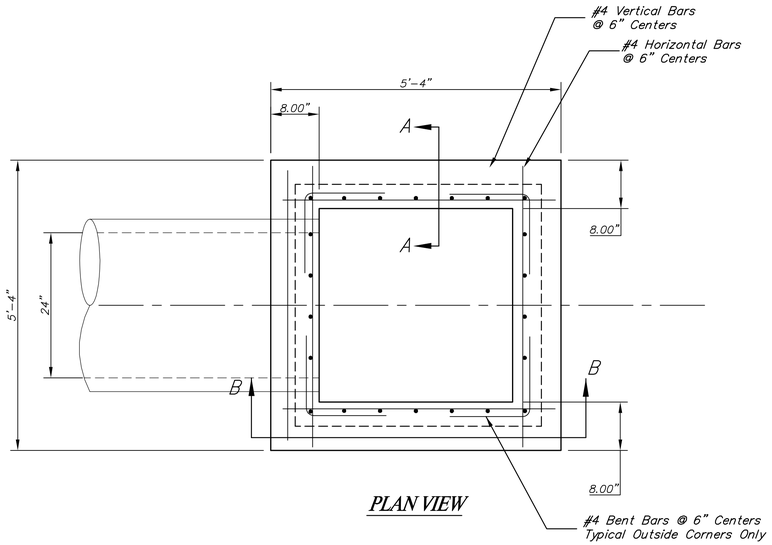
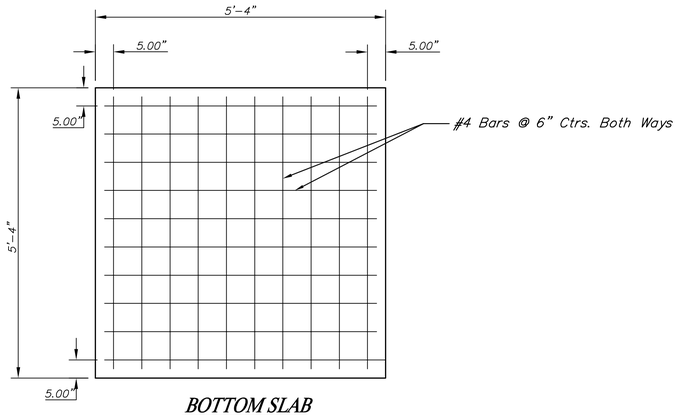
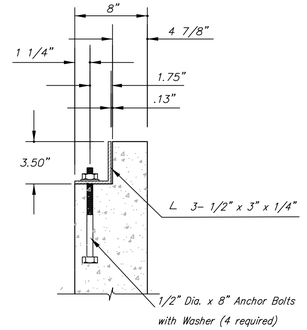


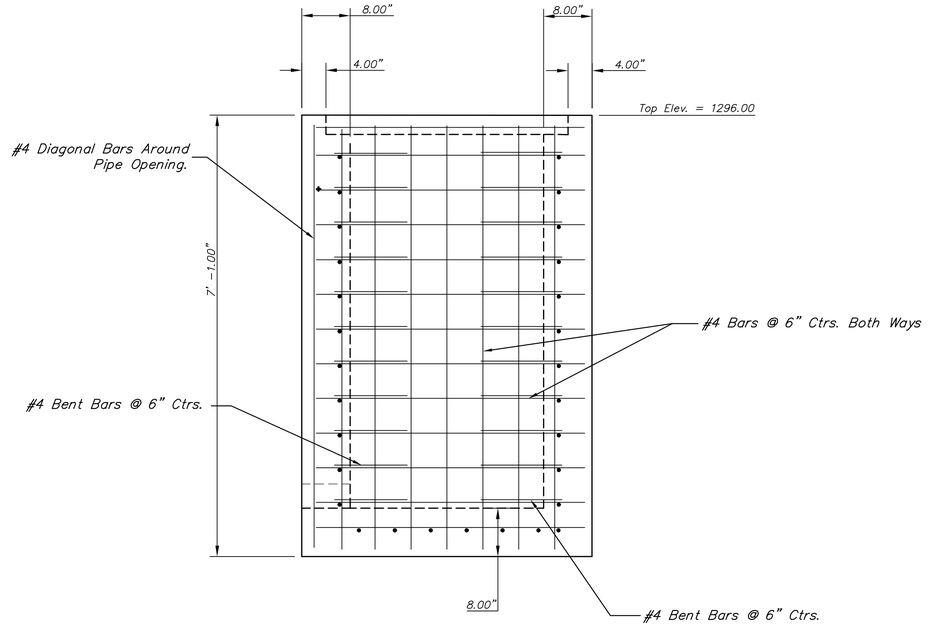

PLAN VIEW




BOTTOM SLAB




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.

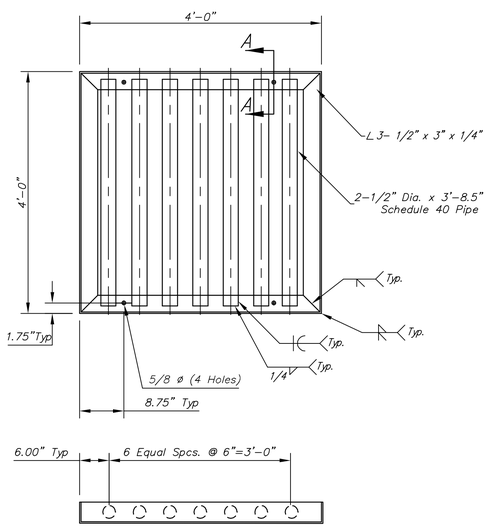
All dimensions relative to placement of reinforcing are to the centerline of bars unless otherwise noted. All Clearances are 1-1/2" unless otherwise noted.

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 Manhole 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 complete 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

REVISED 11-30-09

Drawing File: E:\eng\Meridian-47th to 31st\Details\Special Inlet.dwg

September 2009

Design: TPV
Drawn: TPV
Approved: TPV
Scale: None

Project No. 05-10-E396 CAPITAL IMPROVEMENT PROJECT

STANDARD DETAILS for SPECIAL
REINFORCED CONCRETE MANHOLE

MERIDIAN AVENUE - 47TH STREET SOUTH to 31ST STREET SOUTH

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Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE