Galvanized 5/8" x anchor bolt with double nut for adjusting frame to grade and slope. 4 bolts per frame. Length to be determined in the field.

Standard type E inlet frame & grade for details. See Standard MD 376.12-01

1/4" x anchor bolt projection

Grade & slope adjustment varies. See Note 4

1 1/2" holes for anchor bolts 4 per frame to be drilled in the field

Frame anchorage detail

Drill set and grout in the field as directed by the engineer.

Joint sealer AASHTO M 198 type B (applied to inside edge only)

Ladder rungs (if required). See Note 7

Invert to be concrete or brick. Slope 2" per foot toward outlet or as directed (to be provided in field)

Normal pavement slope

See Note 4

Riser unit (vertical wall)

Base unit (walls may taper 1/2" per foot)

Keyed joint

Provide 6" minimum of No. 57 aggregate bedding on firm subgrade. (by others)

Lap splice to make reinforcing continuous around outside corner

Section A-A

Section C-C

Section B-B

General Notes:

1. Concrete to be mix No. 6 (4500 PSI).

2. Reinforcing walls - 2 layers of 4x4 x 4.0x 4.0 welded wire fabric (2 layers of 4x4 - W6.0 x W6.0) welded wire fabric

3. Threaded plastic inserts to be provided for handling.

4. Grade and slope adjustments to be completed in the field using concrete mix no. 6.

5. Pipe openings to be provided as required. For size, location and invert elevations refer to construction plans.

6. Placement of subgrade drainage will be as directed by the engineer or as noted on the construction plans.

7. Ladder rungs shall be in accordance with standard MD 383.91 and MD 383.92 or as directed by the engineer.

8. Minimum depth payment per "each" inlet includes depths up to 3' - 6". Vertical depth payment per linear foot for depths in excess of 3' - 6".

9. From curb line, inlet has been designed for HS-25 loading, according to AASHTO LRFD bridge design specifications.

Maryland Department of Transportation
STATE HIGHWAY ADMINISTRATION
STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

PRECAST STANDARD
TYPE E COMBINATION INLET

STANDARD NO. MD 374.74