1. This inlet to be used in conjunction with Concrete Barrier Wall, Curb and Gutter, Index No. 410. The inlet is suitable for bicycle and occasional pedestrian traffic with extended crossbar or bar stub (see KSETS 6 & 8 ALTERNATE). Inlet should not be placed in a pedestrian way.

2. All reinforcing is Grade 60 bars. For equivalent area of welded wire fabric for inlet, see Index No. 201. Reinforcing shall have 2" min cover unless otherwise shown. Bars shall be trimmed or bent to provide ½" clearance around pipe openings. Cost for additional reinforcing in barrier wall to be included in cost of concrete barrier wall.

3. Barrier wall shall be Class II Concrete, finished surface in accordance with General Note 1, Sheet 1, Index No. 410.

4. All exposed edges and corners shall be 3/4" chamfer or tooted to 3/4" radius.

5. A flat 1½x7½" drainage slot shall be constructed at the inlet centerline when the inlet is located in a curb sag. For drainage slot construction, no more than two bars shall be trimmed or deflected such as types: 4A, 4K, and U-Bar. On each side of drainage slots, vertical & horizontal bars shall be placed to provide 2" concrete cover.

6. Recommended maximum pipe sizes are 18" longitudinal and 36" transverse. For larger pipe, use Alternate B bottom, Index No. 200.

7. Grates can be fabricated with rebar with or with either 1½x1½ welded or 3½x3½ electrofused cross bars and bearing bars as detailed on Sheet 3.

8. When Alternate G grate is specified in plans, the grate is to be hot-dip galvanized after fabrication according to Specification 962-9.

9. For Pay Item purposes, the depth of the barrier wall inlet shall be computed using the center of bar grate elevation, less the flow line elevation of the lowest pipe flow line or to the top of the sump floor elevation.

10. All dimensions are for both precast and C-I-P Inlets unless otherwise noted.

11. Inlets to be paid for under the contract unit price for Inlets, Barrier Wall, Rigid, Curb & Gutter, each.

12. Concrete Barrier Wall to be paid for under the contract unit price for Shoulder Concrete Barrier Wall, Rigid-Curb & Gutter, L.F.