GENERAL NOTES

1. This inlet is to be used at locations having high flow rates, usually where an endwall could not be utilized without hazardous intake.

2. Inlet length (L) shall be set by the designer for the greater of either current requirement or inlet pool to not exceed 12" depth. Structures over 6 feet in depth are to be checked for flotation by the designer of project drainage.

3. This inlet is not intended for use with Index 200 structure bottoms.

4. All exposed edges and corners shall be 3/4" chamfer or bored to 3/8" radius.

5. Inlet and anti-vortex wall to be Class II Concrete.

6. Reinforcement is Grade 60 with 2" min. cover unless otherwise noted. See Index No. 204 for equivalent area of welded wire fabric (WWF). Bars to be cut or bent for 1.5" clearance around pipe opening. Bend top and corner bars to clear anchor holes.

7. Channel section 3.5x6 at 14" max. bar spacing may be used as an alternate for the 4x5.5 channel 10" bar spacing.

8. Channels and bars for grate shall be ASTM A242/A242M, A570/A570M or A588/A588M. Grade 50 steel, and galvanized in accordance with Specification Section 975.

9. Grate enclosures shall be Fence Type B (Index No. 602). All posts to be set in concrete. Minimum of 10 posts required. Center and approach side posts to be 3" nominal diameter.

10. Cost of ditch paving, anti-vortex wall, grate, concrete, reinforcing steel and fence enclosure to be included in the cost of inlet. Inlet to be paid for under the contract unit price for Inlets (OT Bout) (Type K). Each.

11. Anchor bolts shall be ASTM F3554 Grade 36 fully threaded headless bolts, installed in accordance with Specification Sections 415 and 937. Nuts shall be ASTM A563 or A325 and washers shall be ASTM F436 or Type A plain washers. All nuts, bolts and washers shall be galvanized.

SECTION AA

INLET LENGTHS (L) LESS THAN OR EQUAL TO 9' (SINGLE LAYER WALL REINFORCING)

SECTION BB

INLET LENGTHS (L) GREATER THAN OR EQUAL TO 9' (DOUBLE LAYER WALL REINFORCING)