1. CATCH BASIN TYPE 10 IS FOR USE WITH EMBANKMENT PROTECTOR WITH SLOTTED DRAIN. STANDARD DRAWING 607-2.

2. A 1" SIDE DRAFT IS ALLOWED FOR FORM REMOVAL.

3. CATCH BASINS FOR SLOTTED DRAINS CAN BE PRECAST OR CAST-IN-PLACE. ENSURE THAT PRECAST CATCH BASINS MEET THE REQUIREMENTS OF AASHTO M 199. TILT PRECAST CATCH BASINS OR CONSTRUCT CAST-IN-PLACE CATCH BASINS TO MATCH THE ROADWAY CROWN. OBTAIN THE ENGINEER'S APPROVAL PRIOR TO THE INSTALLATION OF PRECAST CATCH BASINS.

4. CONSTRUCT CAST-IN-PLACE CATCH BASINS IN ACCORDANCE WITH SECTION 609 - MINOR STRUCTURES OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

5. PROVIDE A MINIMUM CONCRETE COVER OF 2" OVER REINFORCING STEEL. PROVIDE A MINIMUM CONCRETE COVER OF 3" OVER REINFORCING STEEL IF CAST AGAINST EARTH.

6. ENSURE THAT THE FINISHED TOP OF CONCRETE IS FLUSH WITH THE GRATE SURFACE.

7. ENSURE THAT THE METAL FOR THE GRATE MEETS THE REQUIREMENTS OF ASTM A36. PAINTING OR GALVANIZATION OF THE METAL GRATE IS NOT REQUIRED.

8. WELD THE METAL GRATE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY D1.1.

9. SET ANGLES SO THAT EACH BEARING BAR OF THE PREFABRICATED GRATE HAS FULL BEARING ON BOTH ENDS.

10. ENSURE THAT THE DISCHARGE PIPE SIZE IS THE SAME SIZE AS THE SLOTTED DRAIN PIPE. GROUNT PIPE CONNECTIONS.

11. NOT TO SCALE.

NOTES

WEIGHT: APPROXIMATELY 203 LBS METAL GRATE

NOT TO SCALE.

PRECAST CATCH BASINS.

1. CATCH BASIN TYPE 10 IS FOR USE WITH EMBANKMENT PROTECTOR WITH SLOTTED DRAIN. STANDARD DRAWING 607-2.

2. A 1" SIDE DRAFT IS ALLOWED FOR FORM REMOVAL.

3. CATCH BASINS FOR SLOTTED DRAINS CAN BE PRECAST OR CAST-IN-PLACE. ENSURE THAT PRECAST CATCH BASINS MEET THE REQUIREMENTS OF AASHTO M 199. TILT PRECAST CATCH BASINS OR CONSTRUCT CAST-IN-PLACE CATCH BASINS TO MATCH THE ROADWAY CROWN. OBTAIN THE ENGINEER'S APPROVAL PRIOR TO THE INSTALLATION OF PRECAST CATCH BASINS.

4. CONSTRUCT CAST-IN-PLACE CATCH BASINS IN ACCORDANCE WITH SECTION 609 - MINOR STRUCTURES OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

5. PROVIDE A MINIMUM CONCRETE COVER OF 2" OVER REINFORCING STEEL. PROVIDE A MINIMUM CONCRETE COVER OF 3" OVER REINFORCING STEEL IF CAST AGAINST EARTH.

6. ENSURE THAT THE FINISHED TOP OF CONCRETE IS FLUSH WITH THE GRATE SURFACE.

7. ENSURE THAT THE METAL FOR THE GRATE MEETS THE REQUIREMENTS OF ASTM A36. PAINTING OR GALVANIZATION OF THE METAL GRATE IS NOT REQUIRED.

8. WELD THE METAL GRATE IN ACCORDANCE WITH THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY D1.1.

9. SET ANGLES SO THAT EACH BEARING BAR OF THE PREFABRICATED GRATE HAS FULL BEARING ON BOTH ENDS.

10. ENSURE THAT THE DISCHARGE PIPE SIZE IS THE SAME SIZE AS THE SLOTTED DRAIN PIPE. GROUNT PIPE CONNECTIONS.

11. NOT TO SCALE.