



**NOTES:**

1. SLOPE BENCH TO INVERT, TOP OF BENCH TO BE AT HALF THE HEIGHT OF DOWN STREAM PIPE DIAMETER. (DO NOT ADD FILLERS BEFORE POURING BENCH)
2. FILL VOID BETWEEN STRUCTURE AND PIPE WITH BRICK AND GROUT. GROUT BETWEEN THE BRICK AND ACROSS THE FACE. (SEE NOTE 4)
3. INSIDE DIMENSIONS 2.00" X 3.00" (STRENGTH DESIGN OF BASE SLAB AND STRUCTURE PER MANUFACTURER.
4. CONTRACTOR SHALL USE "SPECIAL UNDERGROUND UTILITY MORTAR" MADE BY TWIN CITY CONCRETE PRODUCTS OF ST. PAUL OR APPROVED EQUAL. (SEE SPECIFICATION 9.05)
5. LOW POINTS SHALL HAVE A TYPE "L BI-DIRECTIONAL GRATE".
6. STRUCTURE TO BE PRECAST UNLESS APPROVED BY CITY ENGINEER.

## 2' X 3' CATCH BASIN