ALL JOINTS IN GRATE TO BE WELDED 1/4"

3" X 13" GRID OF 1/2" X 2" SQUARE EDGE FLAT STEEL BAR

1/2" SQUARE EDGE STEEL BAR ROLLED TO FORM CIRCLE 1/2" LESS IN OUTER DIAMETER OF PIPE BELL. DEPTH OF FRAME TO BE SAME AS PIPE BELL DEPTH.

SECTION A-A

60" MIN. CONC. PIPE

24" MIN. CONC. PIPE

MAX. 12"

18" SUMP

6" MIN. CONCRETE FOOTING

8" COMPACTED 3/4"-0 CRUSHED ROCK

SECTION B-B

1 5/8" C. TO C.

NOTES:
1. CONCRETE BASE TO CONFORM WITH ASTM C-478 FOR COMPRESSIVE STRENGTH
2. 24" PIPE TO CONFORM WITH ASTM C-76 CL 111
3. 8" OF COMPACTED 3/4"-0 CRUSHED ROCK BASE MATERIAL
4. GRATE TO BE FLAT BANK STEEL OR APPROVED EQUAL
5. 18" SUMP REQUIRED