SECTION A-A
PLAN

CENTERLINE OF STRUCTURE
CONCRETE ADJUSTMENT RINGS MIN OF 2 AND MAX OF 5.
GROUT RINGS (1/4" MIN.) AND WRAP WITH FABRIC. CONTRACTOR SHALL USE "SPECIAL UNDERGROUND MORTAR" (SPECIFICATION 9.05).
RUBBERIZED BITUMASTIC SEALER
WALLS MUST BE STANDARD PRECAST UNLESS APPROVED BY CITY ENGINEER.
USE MIN. 4" DIAMETER MANHOLE SECTIONS FOR PIPE SIZES UP TO 36" DIAMETER.
GROUT INVERT BOTTOM (SIDES) TO 1/2 DIA. OF PIPE.

Both base slab and top slab varies in thickness, (6" MINIMUM-12" MAXIMUM) depending upon structure diameter and depth. Follow manufactures specifications.

BOTTOM SLAB
TOP SLAB

CENTERLINE OF STRUCTURE
3 HANDLING HOOKS AT 120 DEGREE SPACING

NOTE: 24"X36" SLAB OPENING FOR NEENAH R-3067-V CASTING AND TYPE GRATE.

DIMENSION FROM BACK OF CURB TO CENTER OF PIPE:
4" DIA. M.H.-9" IN FROM BACK OF CURB
6" DIA. M.H.-5" BEHIND BACK OF CURB
8" DIA. M.H.-15" BEHIND BACK OF CURB

NOTES:
1. ALL CATCH BASIN/MANHOLES MUST BE A MINIMUM OF 4' IN DEPTH.
2. PROVIDE Poured CONCRETE INVERTS AND DOGHOUSES.
3. GROUT ALL DOGHOUSES AND LIFT HOLES TO INSPECTORS APPROVAL.
4. DOGHOUSE OPENING SHALL NOT BE MORE THAN 4" LARGER THAN PIPE.
5. 2", 4" OR 6" ADJUSTING RINGS ARE ACCEPTABLE.
6. CATCH BASIN/MANHOLES WITH FLAT TOP SLABS SHALL HAVE TERMINATING MANHOLE SECTIONS.
7. SPECIFICATIONS FOR CATCH BASIN, MANHOLE SECTIONS, COVER AND SLABS SHALL CONFORM TO MANHOLE DETAIL.
8. BLOCK MANHOLES SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL FROM CITY ENGINEER.

MANHOLE SLAB TOP
2 X 3 OPENING