Provide access shaft in corner of top slab.

Develop invert for smooth flow transition (to 2/3 dia. of pipe)

Typ. Invert Plan

Top slab reinforcement plan

GENERAL NOTES
1. Provide a mortar bed to set the first manhole section. Rough finish the top of the slab in this area to ensure a good bond.
2. If the top slab is precast, provide a mortar bed between the top slab and the walls. Cast a 2" x 4" keyway in the bottom of the top slab and rough finish the top of the walls. Adequate mortar shall be used to fully fill the key.
3. If the top slab is poured in place, extend the #5 wall bars 7" into the top slab.
4. Manhole steps to be 14" above the bench and one additional step shall be placed on the side opposite the ladder near the top.
5. The foundation material below the junction box shall be adequate to support 3000 psi or shall be undercut to suitable material.
6. All concrete to be class A concrete (fc = 4000 psi • 28 days).

Design load: AASHTO H-20-44 with 0'-5' of cover.

*All horiz. bars to be developed around corner with 18" lap.