NOTES:
1. "H" is the difference in elevation between the outlet pipe flow line and normal gutter grade line undepressed.
2. Wall reinforcing is not required when H=8' or less and the unsupported width or length = 7' or less. Walls exceeding these limits shall be reinforced with #4 bars at 18" O.C. placed 1.5" clear to the inside of the box unless otherwise shown.
3. Steps - No steps are required where H<30'. Where H is 30" or greater, steps shall be installed with the lowest rung 12" above the floor, and the highest rung not more than 6" below the top of the inlet. The distance between steps shall not exceed 12", and shall be uniform throughout the entire length of the wall. Steps shall be placed in a wall without a pipe opening. Steps shall be OSHA approved polypropylene coated steel.
4. Pipes can be placed in any wall.
5. Basin floors shall have wood trowel finish and a minimum slope of 12:3 from all directions towards the outlet pipe.
6. Grates and grate frames shall be hot-dipped galvanized after fabrication.
7. Set inlet so that grate bars are parallel to direction of principal surface flow.
8. All inlets shall be cast-in-place. Precast inlets will not be allowed.
9. Where the floor of the DI is poured separately from the walls, the walls shall be formed with a keyway as shown. If the floor is poured monolithically with the walls, the keyway may be omitted.
10. Embossed ss "No Dumping" sign, 1 ½" x 5". Attach to DI face with ss screws or rivets, as manufactured by Hilfiker Pipe Co., or approved equal.
** When "H" is greater than 8'-0", wall thickness shall be increased to 8".