1 Installation

1.1 All cast iron piping will be installed according to the recommendations of the Cast Iron Soil Pipe Institute (CISPI).

1.2 For pipe that is 5” or larger the drawings must show space for rods and clamps.

Note: The Cast Iron Soil Pipe Institute recommend installing clamps and rods at every change of direction and take-off on pipe 5” and larger. These clamps and rods are difficult to insulate and take up a lot of space so we need to make sure they are clearly shown on the drawings.

1.3 The drawings must include a detail of the rods and clamps.

Note: Some contractors use all thread and friction clamps. This can put excessive stress on the coupling. Some contractors try to bend the rod to follow the path of the elbow, which will allow the rod to have too much spring and not provide the necessary support. The point is the designer must show how they want that clamping to be done.

1.4 The drawings must show the location and give a detail for horizontal bracing. This bracing should be placed by the designer but no less often than every 40 linear feet of pipe run.

Note: Cast Iron Soil Pipe Institute recommends sway bracing “as required”. Experience shows that bracing at 40’ intervals provides adequate support.

2 No-Hub Couplings

2.1 When using no-hub piping require couplings that are manufactured or supplied directly by the pipe manufacturer/supplier.

Note: The manufacturers (e.g. Clamp-All, Husky, and Mission) make a case for using “heavy duty” couplings. Neither the pipe manufacturers nor CISPI recommend heavy duty couplings across the board. In addition, heavy duty couplings can cause problems where they overlap pipe ‘ears’ and support ‘wings’. Specifying that the couplings be supplied by the pipe manufacturer guarantees that we have an complete system that is installed per manufacturers recommendations.