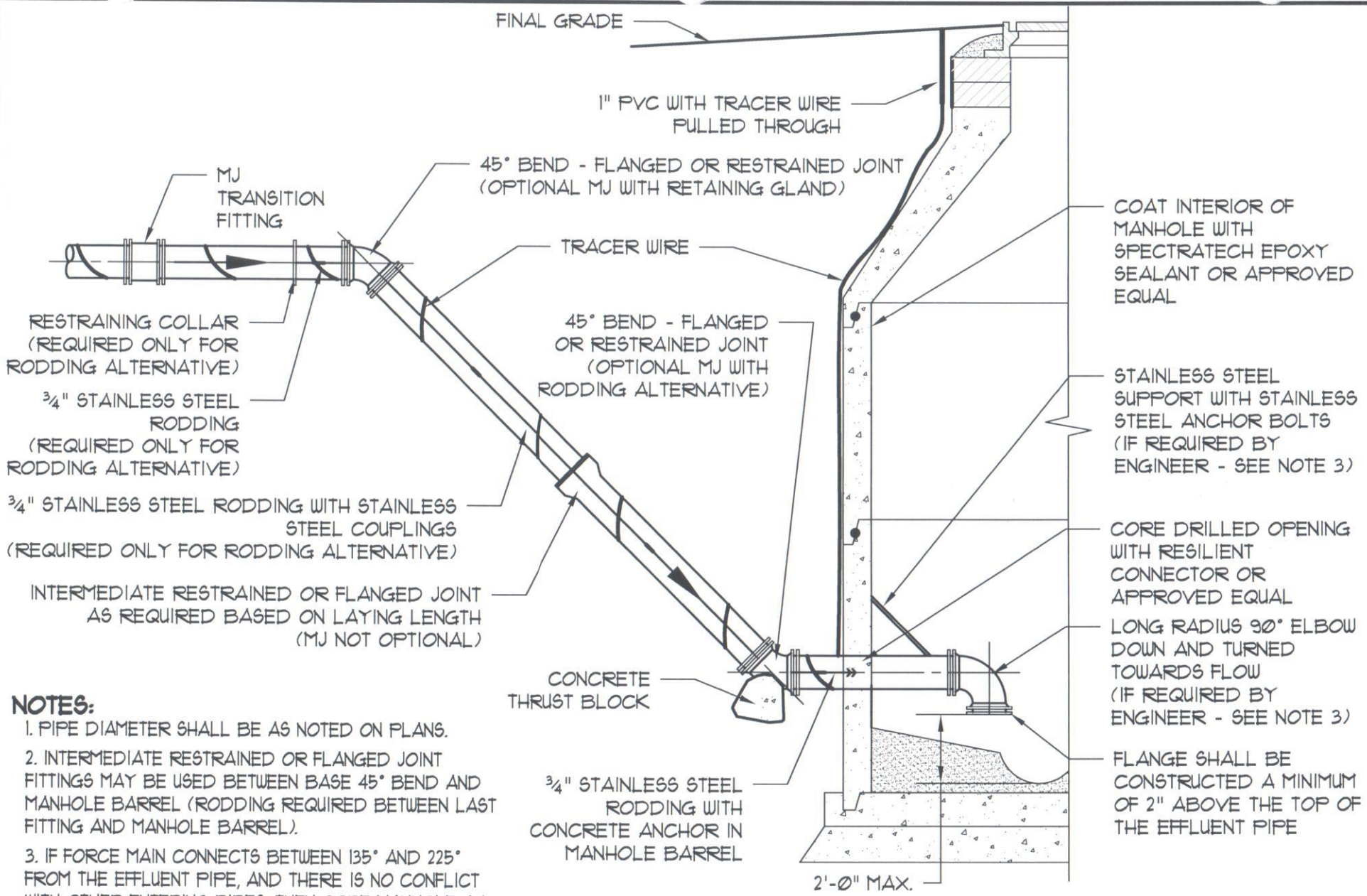

NOTES:

1. PIPE DIAMETER SHALL BE AS NOTED ON PLANS.
2. INTERMEDIATE RESTRAINED OR FLANGED JOINT FITTINGS MAY BE USED BETWEEN BASE 45° BEND AND MANHOLE BARREL (RODDING REQUIRED BETWEEN LAST FITTING AND MANHOLE BARREL).
3. IF FORCE MAIN CONNECTS BETWEEN 135° AND 225° FROM THE EFFLUENT PIPE, AND THERE IS NO CONFLICT WITH OTHER ENTERING PIPES, THEN CORE MANHOLE AND BENCHWALL SUCH THAT THE FORCE MAIN CONNECTS INTO THE MANHOLE AT THE INVERT ELEVATION OF THE EFFLUENT PIPE, OTHERWISE INSTALL 90° ELBOW DOWN AND TOWARDS FLOW AND SUPPORT AS DETAILED.

City of Carmel Utilities STANDARD DETAILS		TITLE: 4" DIA. OR LARGER FORCE MAIN TO MANHOLE DETAIL
DATE: September 2012 DRAWING: CS26	SCALE: Not To Scale	DRAWN BY: Jones & Henry Engineers, Ltd. FORT WAYNE, INDIANA