RECOMMENDED INSTALLATION

The recommended installation of a TRU/FLO Compound meter is shown in Figure 2.1. This installation incorporates a plate-type strainer attached to the inlet of the meter. This illustration also shows an optical bypass which provides uninterrupted service capability during periods of meter service.

As indicated previously, the upstream plate-type strainer provides protection against meter damage from debris in the lines and virtually eliminates the effects of variations in upstream piping. Use of a Neptune strainer of the same line size as the meter is specifically recommended. This strainer design provides optimum velocity profile correction at minimum additional head loss.

When installing a TRU/FLO Compound meter, normal good piping practice should always be followed. In particular, all gaskets should be centrally located on their flanges with no overlap or interference with the pipe diameter. This is particularly important at the inlet connection to the meter where a gasket protruding into the flow stream will cause unpredictable velocity conditions.

TRU/FLO Compound meters must operate in a completely filled line at all times. The downstream piping must always provide sufficient back pressure to maintain a full line at the meter.

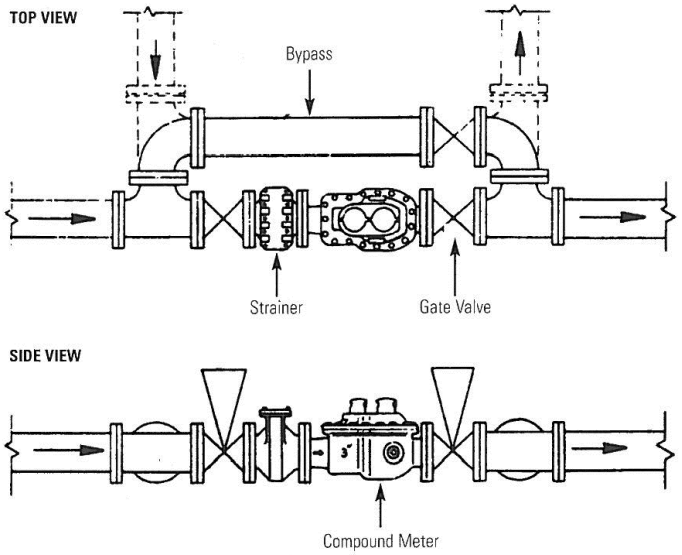

FIGURE 2.1 TRU/FLO COMPOUND TOP AND SIDE VIEW

City of Carmel Utilities
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CARMEL WATER STANDARD DETAILS

TITLE: 4"-8" INSIDE METER INSTALLATION

Date:	Scale:	Drawn By:	Drawing Name:
January 2023	No Scale	Crossroad Engineers	CW-16