Sedimentation Protection at Catch Basin

Typical Water Service Connection Detail

CONSTRUCTION ENTRANCE

Not to Scale

TYPICAL WATER SERVICE CONNECTION DETAIL

CONSTRUCTION ENTRANCE

Not to Scale

SILT FENCING DETAIL

Not to Scale

GENERAL PRINCIPLES

The following general principles shall be maintained in the design and construction of water service connections:

- Adequate protection shall be provided against physical damage.
- Adequate protection shall be provided against corrosion.
- Adequate protection shall be provided against freezing and thawing.
- Adequate protection shall be provided against sedimentation.

FLUSHING

The means on which flush pipes are to be placed shall be flushed in accordance with the following:

- Flush pipes shall be flushed with pressurized water from the main source.
- Flush pipes shall be flushed with pressurized water from the service source.
- Flush pipes shall be flushed with pressurized water from the catch basin.

PUMPS AND TANKS

The means on which pumps and tanks are to be placed shall be drained and flushed with pressurized water from the main source.

TRENCHING

The means on which trenches are to be placed shall be backfilled and compacted in accordance with the following:

- Trenches shall be backfilled and compacted with a minimum of 6 inches of granular material.
- Trenches shall be backfilled and compacted with a minimum of 12 inches of granular material.

SILT FENCING

The means on which silt fencing is to be placed shall be installed in accordance with the following:

- Silt fencing shall be installed with a minimum of 6 feet of clearance.
- Silt fencing shall be installed with a minimum of 12 feet of clearance.

SILT TRENCHING

The means on which silt trenching is to be placed shall be excavated in accordance with the following:

- Silt trenching shall be excavated to a minimum depth of 6 inches.
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