ITEM NO. 860
VERTICAL STACKS

860.1 DESCRIPTION: This item shall govern the construction of vertical stacks from the sewer main to the horizontal position of lateral heading towards the right of way.

860.2 SUBMITTALS: Contractor shall submit manufacturer's product data, instructions, and recommendations

860.3 MATERIALS:


2. Concrete Encasement: Concrete encasement shall conform to the requirements of Item No. 858, "Concrete Encasement, Cradles, Saddles and Collars."

860.4 CONSTRUCTION: All work performed under this item shall conform to the latest applicable provisions of Item No. 848, "Sanitary Sewers," and the details shown in the contract documents. Generally, vertical stacks for sewer laterals shall be installed where the depth of the main (measured from the top of the sewer main to the finished grade) is eight feet or greater, or where specified by the Inspector.

860.5 MEASUREMENT: Vertical stacks shall be measured by the vertical foot. Footage shall be computed as follows: Dimension from the top of the lateral (where it appears in the trench wall), to the invert of the sewer main.

860.6 PAYMENT: Vertical stacks shall be paid for at the contract unit price bid per vertical foot as measured above, which price shall be full compensation for furnishing all pipe, pipe fitting, joint materials, concrete encasement, materials, tools, equipment, labor and incidentals necessary to complete the work. No separate pay shall be made for wyes, tees, or bends.

- End of Specification -

860-1 April 2014
Placement of lateral marker is required over the Recharge Zone.

12° Max.

3'-0" Min.

2% Min. slope

5'-0" Min.

End stacks with curve, or bend and plug where required

45° Bend

Peg to wall of trench at each joint.

6" Dia. Min.

45° Bend

Hub of Tee

Tee (As Required)

Concrete Encasement
(No separate pay item)

Note "A":
Where crossfall exists, elevation of top of stacks shall be shown on plans, or as directed by the Engineer.

No Dual Service Laterals
Allowed On Single Stack.

Stacks shall be required where the top of the sewer main is at a depth of eight feet (8') or greater (measured from the top of the sewer main to the finished grade).

VERTICAL STACK DETAIL

Note:
Concrete Encasement to be 2" past the full length of Tee.

SECTION A-A

Block up 3" as necessary