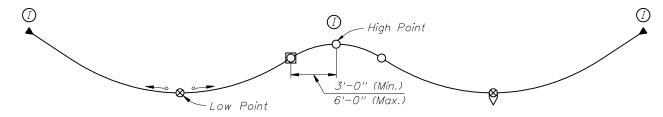


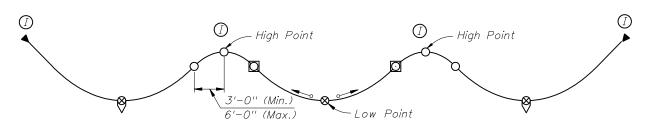
Profile 13

## Post-Tensioning Vertical Profiles for Staged Grouting

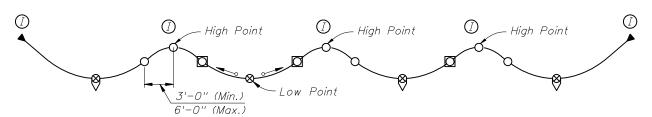
(Simultaneous Low Point Grouting through a Manifold is not Permitted)



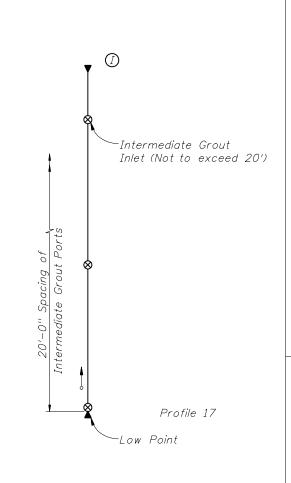
Profile 14



Profile 15



Profile 16



## NDTES: Grouting Procedures

- 1. Take into account longitudinal grade, if any, and establish direction of grouting.
- 2. Orient end anchors so that grout outlet is at the
- 3. Provide grout outlets at all anchors.
- 4. Provide grout inlet at low point of all tendon profiles.
- 5. For tendons longer than 150 feet, additional grout outlets are required.
- 6. Incorporate the information on these drawings into the grouting operations plan.
- 7. In the grouting plan, show
- a. Direction of grouting
- b. Locations of grout inlets & outlets
- c. Staged grouting operations
- d. Sequence of opening & closing vents
- e. Procedures for time delayed grout phasing of the
- 8. After grouting, inspect all anchors and high points for
- 9. Vacuum grout voids and sealpost-tensioning system in accordance with the specifications.

## Legend:

Strand Tendon

Optional Grout Outlet

Drain / Optional Grout Inlet

End Anchor with Grout Dutlet Grout Inlet

Grout Dutlet

Direction of Grout Flow

Inspection Location



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