

General Notes:

1. The details shown on Indices No. 21801, 21802, and 21803 depict the final condition of the post-tensioning system. The standards assume certain methods to obtain the required final condition. The Contractor may elect to modify these methods with the approval of the Engineer of Record provided the post-tensioning system is protected from contamination during all intermediate steps and the final condition conforms with the requirements of the Contract Documents.

2. See Specifications for grouting procedures, and post-tensioning systems.

3. See Specifications for surface preparation and other details of the epoxy grout pour-backs (Post-Tensioning).

4. See Specifications for surface preparation and other details of the elastomeric coating (Elastomeric Coating System).

5. See Specifications for surface preparation and other details of the Magnesium Ammonium Phosphate Concrete (Magnesium Ammonium Phosphate Concrete) (MAPC).

6. If deviations from these standard methods are proposed, the Contractor shall demonstrate through a mock-up or other methods that his proposed grouting plan adequately fulfills the requirement of fully grouted tendons.

7. The Contractor shall attach pressure gauges to all grout inlets during the grouting operation. Locations of all pressure gauges shall be noted on the grouting operations plan.

8. The grout outlets shown shall be adjusted to accommodate the true high point of the tendon in the completed structure.

9. All grout inlets / outlets are to be sealed using threaded plugs with the exception of inlets / outlets exiting to a vertical face or exiting from the bottom of the bottom soffit.

10. All grout inlets / outlets exiting on vertical surfaces shall be directed toward the inside face of exterior girders or toward the interior of cellular boxes.

11. See Index No. 21802 for "POST-TENSIONING ANCHORAGE PROTECTION".

12. See Index No. 21803 for "POST-TENSIONING ANCHORAGE AND GROUTING DETAILS".

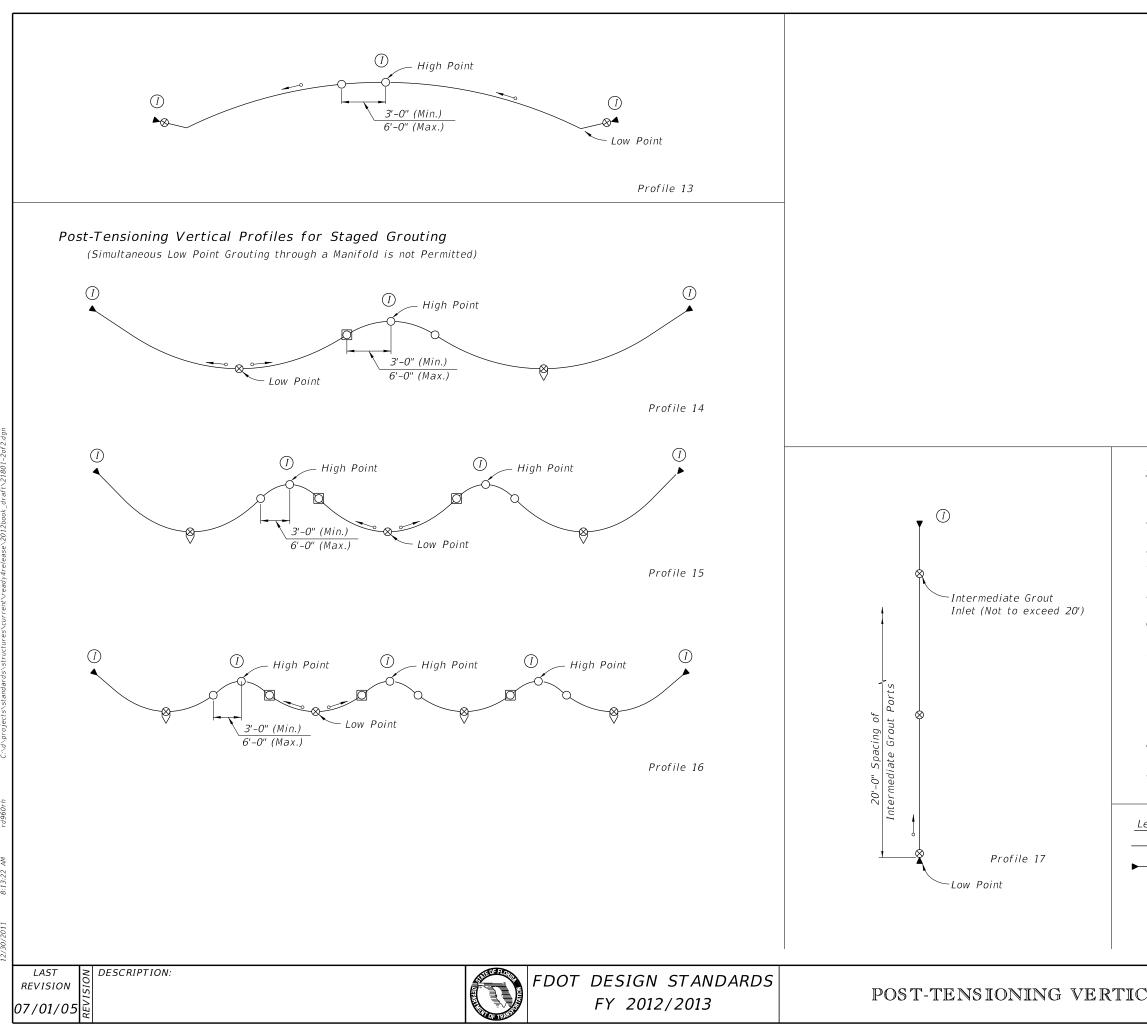
Legend:

	Strand Tendon	O	0p
	End Anchor with Grout Outlet	\otimes	Dr
\otimes	Grout Inlet	\sim	Dir Ins
0	Grout Outlet		1113

Optional Grout Outlet Drain / Grout Inlet Direction of Grout Flow

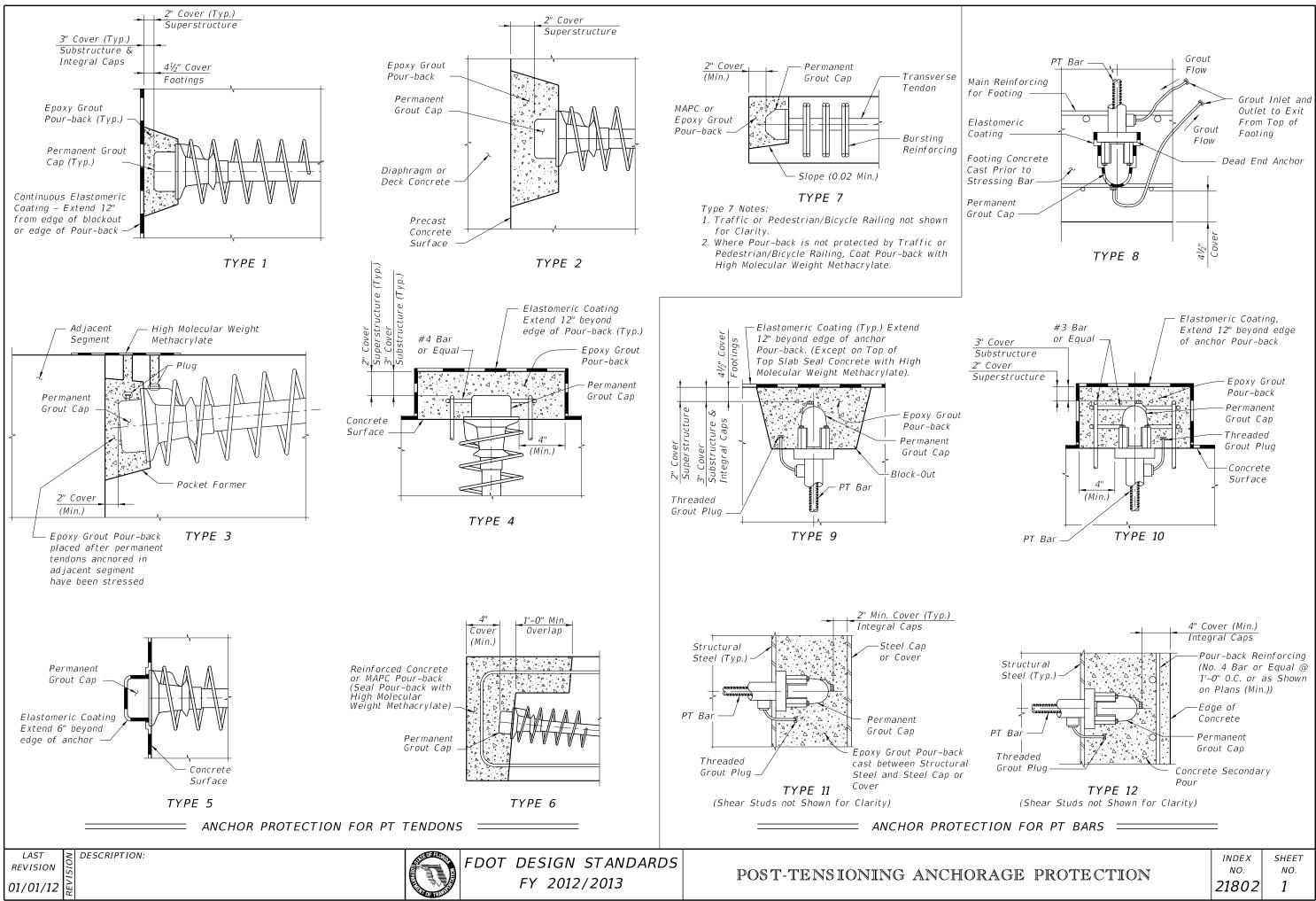
Inspection Location

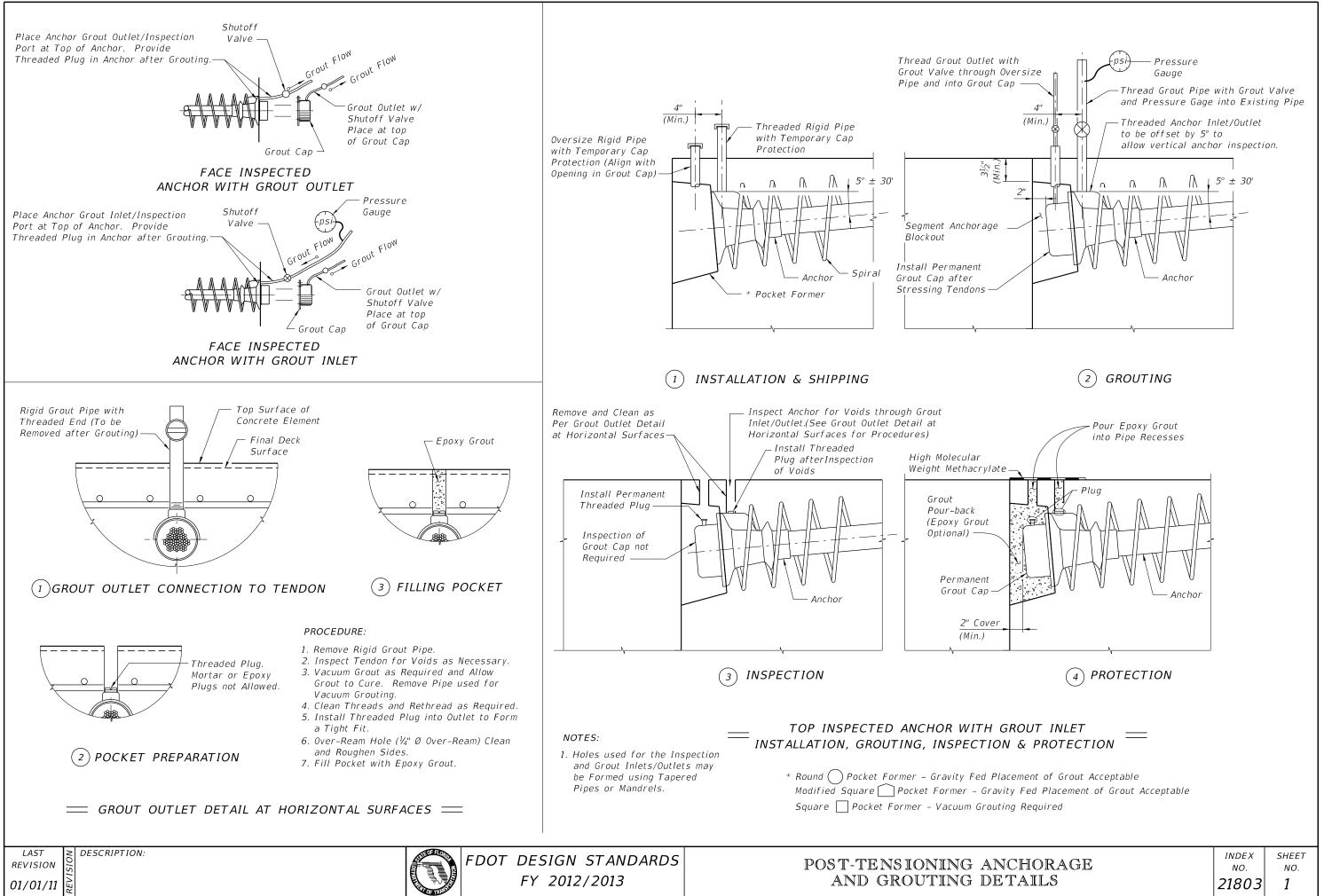
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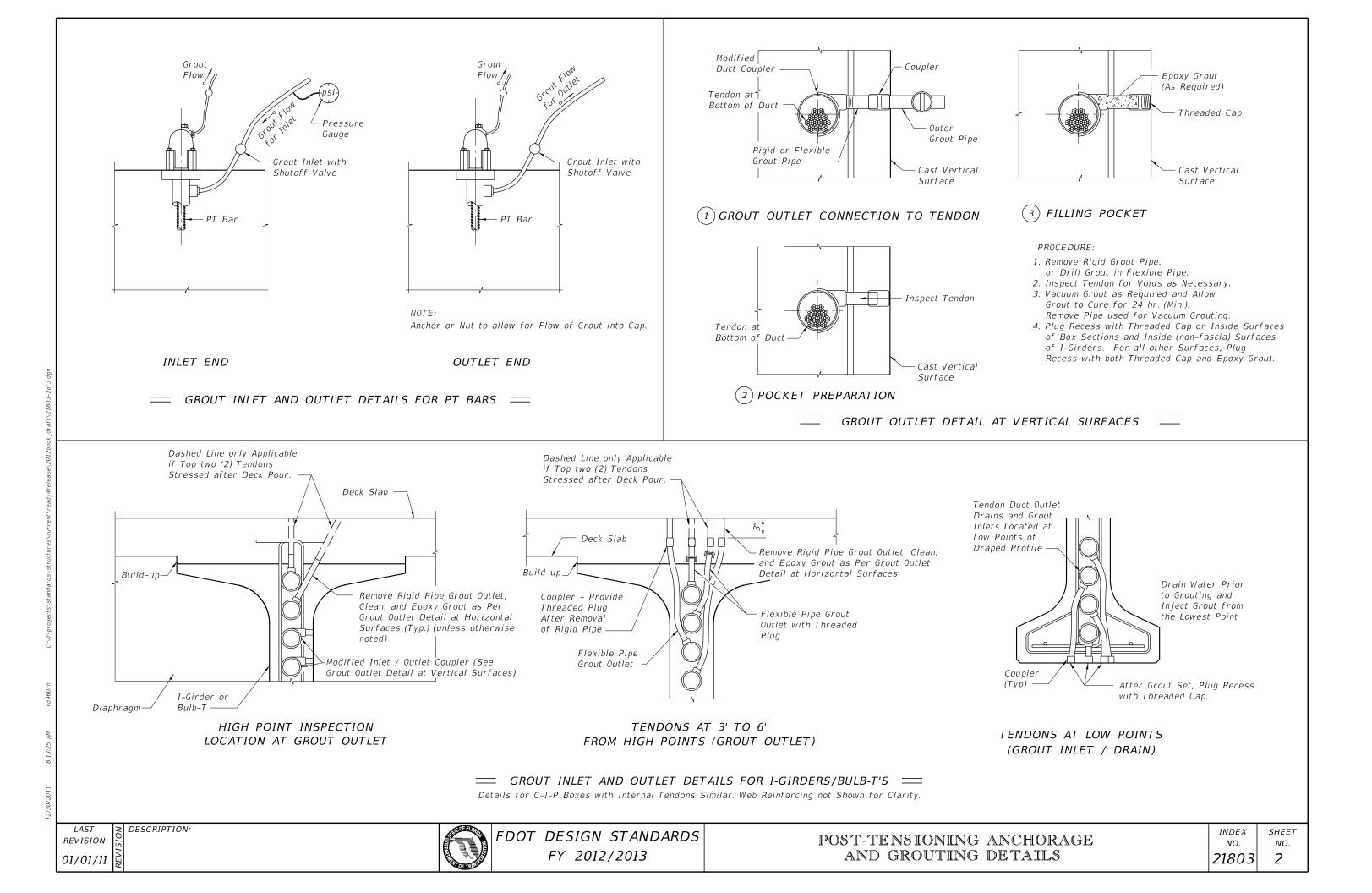


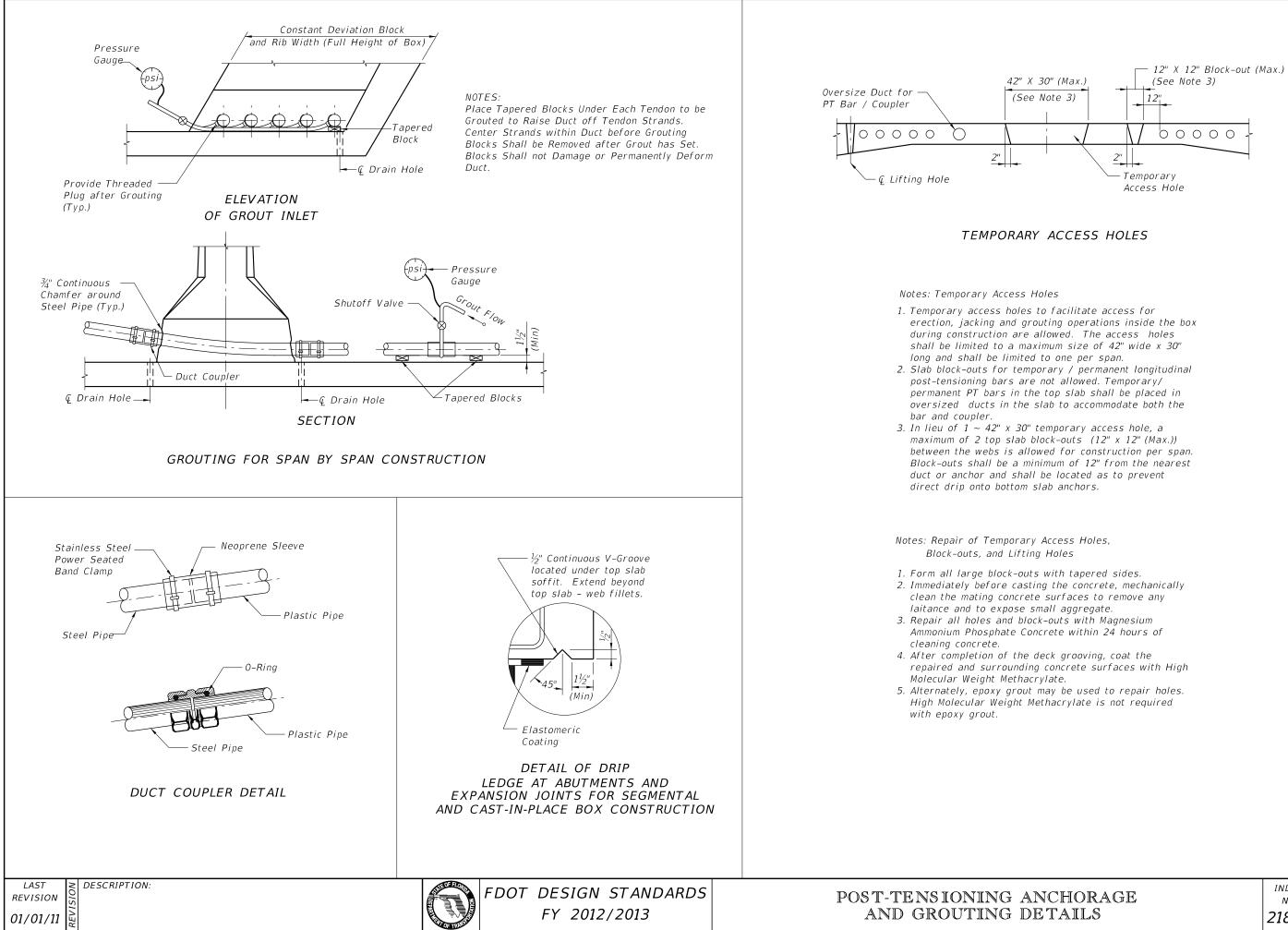
NOTES: Grouting Procedures

1. Take into account lon establish direction of g	5	5	f any, and		
2. Orient end anchors s top.	o that g	rout outle	et is at the	<u>ē</u>	
3. Provide grout outlets	s at all a	anchors.			
4. Provide grout inlet a tendon profiles.	t low po	int of all			
5. For tendons longer to grout outlets are requ		feet, add	litional		
6. Incorporate the infor into the grouting operation			drawings		
 In the grouting plan, a. Direction of grouting b. Locations of grout in c. Staged grouting ope d. Sequence of opening e. Procedures for time tendons. After grouting, inspe voids. Vacuum grout voids a in accordance with the 	g nlets & rations g & closs delayed ct all ar and seal	ing vents I grout pi ichors and post-ten	d high poir	nts for	
egend:					
Strand Tendon	O	Optional	al Grout Outlet		
——— End Anchor with Grout Outlet	\otimes		Optional Grout Inle on of Grout Flow		
⊗ Grout Inlet					
O Grout Outlet	1	Inspecti	nspection Location		
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