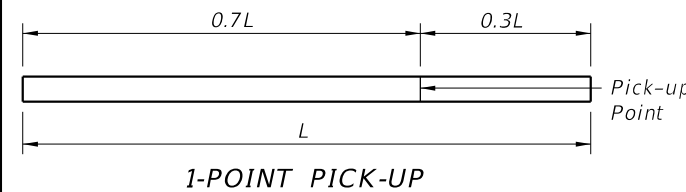
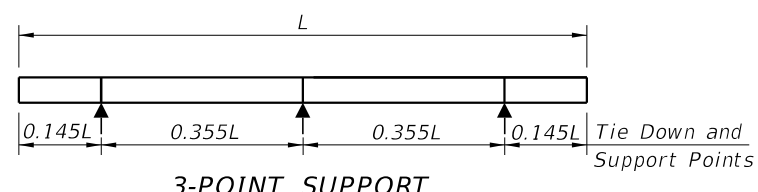


2-POINT SUPPORT

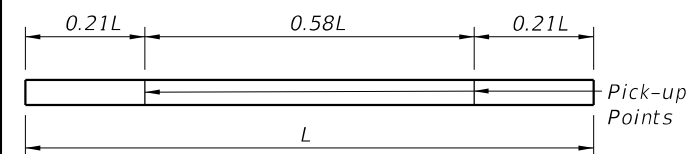
Tie Down and Support Points



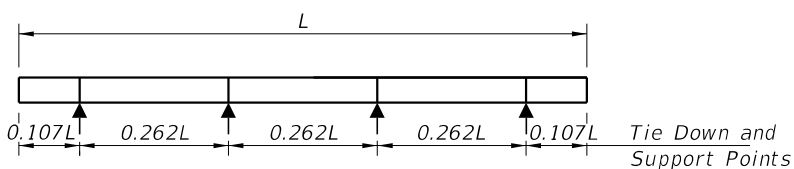
1-POINT PICK-UP



3-POINT SUPPORT



2-POINT PICK-UP



4-POINT SUPPORT

PILE PICK-UP DETAILS

STORAGE AND TRANSPORTATION SUPPORT DETAILS

NOTES

1. *Work this Index with the Pile Data Table in the Structures Plans.*
2. *Concrete:*
 - A. *Piles: Class V*
 - B. *Splice Collar: Class IV*
 - C. *See "GENERAL NOTES" in the Structures Plans for locations where the use of Highly Reactive Pozzolans is required.*
3. *Concrete Strength at time of prestress transfer:*
 - A. *Piles: 4,000 psi minimum.*
4. *Carbon-Steel Reinforcing:*
 - A. *Bars: Meet the requirements of Specification Section 415*
 - B. *Prestressing Strands: Use 0.6 dia. carbon-steel, Grade 270, low-relaxation strand stressed to 44.0 kips that meets the requirements of Specification Section 933.*
 - C. *Protect all carbon-steel strands permanently exposed to the environment and not embedded under final conditions in accordance with Specification Section 450.*
5. *Spiral Ties:*
 - A. *One half turn is required for carbon-steel spiral splices*
 - B. *One full turn is required at the head and tip of each pile*
6. *Pile Splices:*
 - A. *Epoxy: Type AB Epoxy Compound or Epoxy Mortar must meet the requirements of Specification Section 926.*
 - a. *Use a Type AB Epoxy Bonding Compound or Epoxy Mortar, as recommended by the Manufacturer, to form the joint between pile sections.*
 - b. *Use a Type AB Epoxy Bonding Compound as a bonding agent on internal pile surfaces.*
 - B. *Splices: Resume pile driving after the splice concrete reaches a minimum strength of 5,500 psi.*
7. *Mark piles at the pick-up points to indicate the proper points for attaching handling lines.*

9/29/2026 7:51:13 AM

