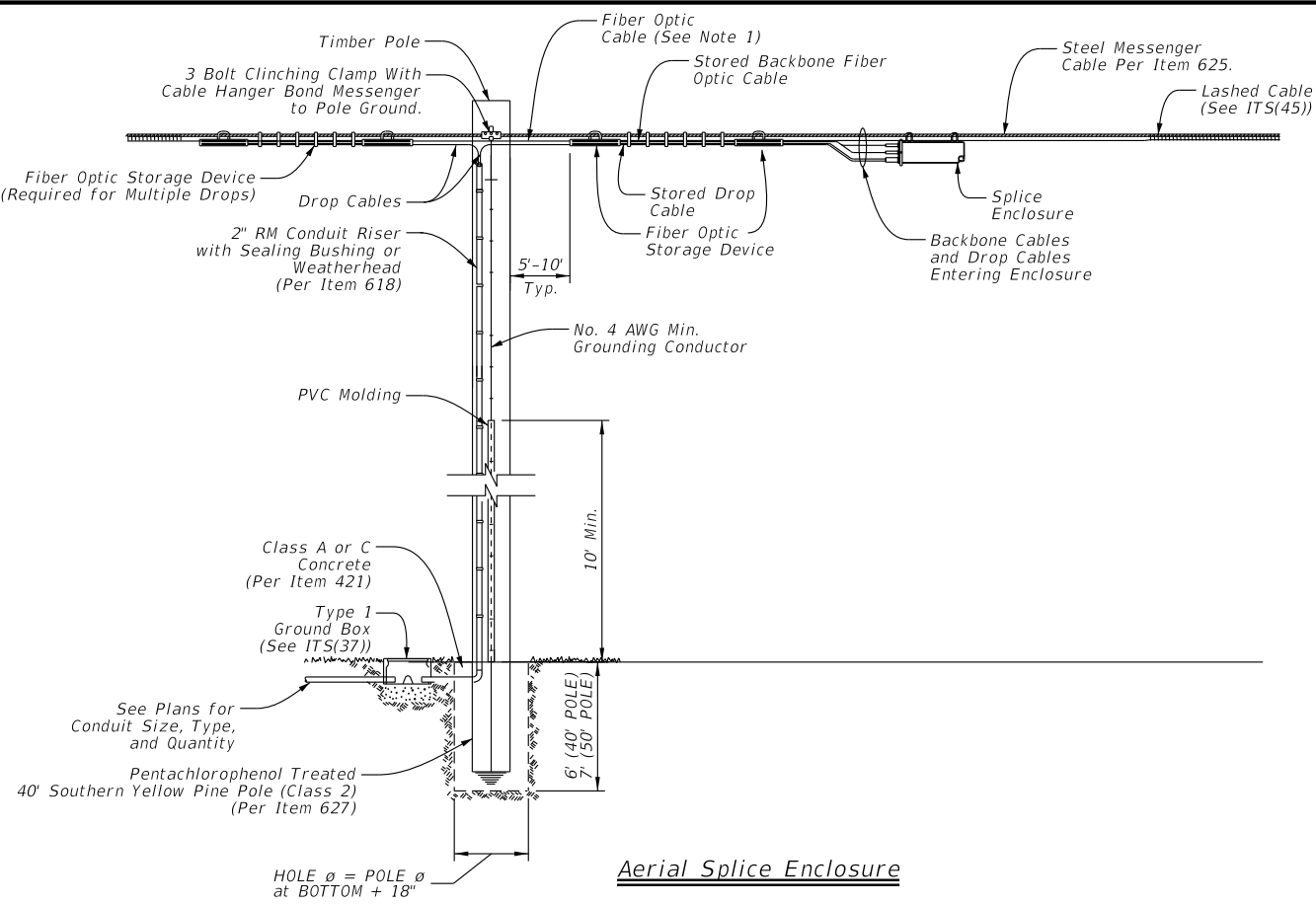
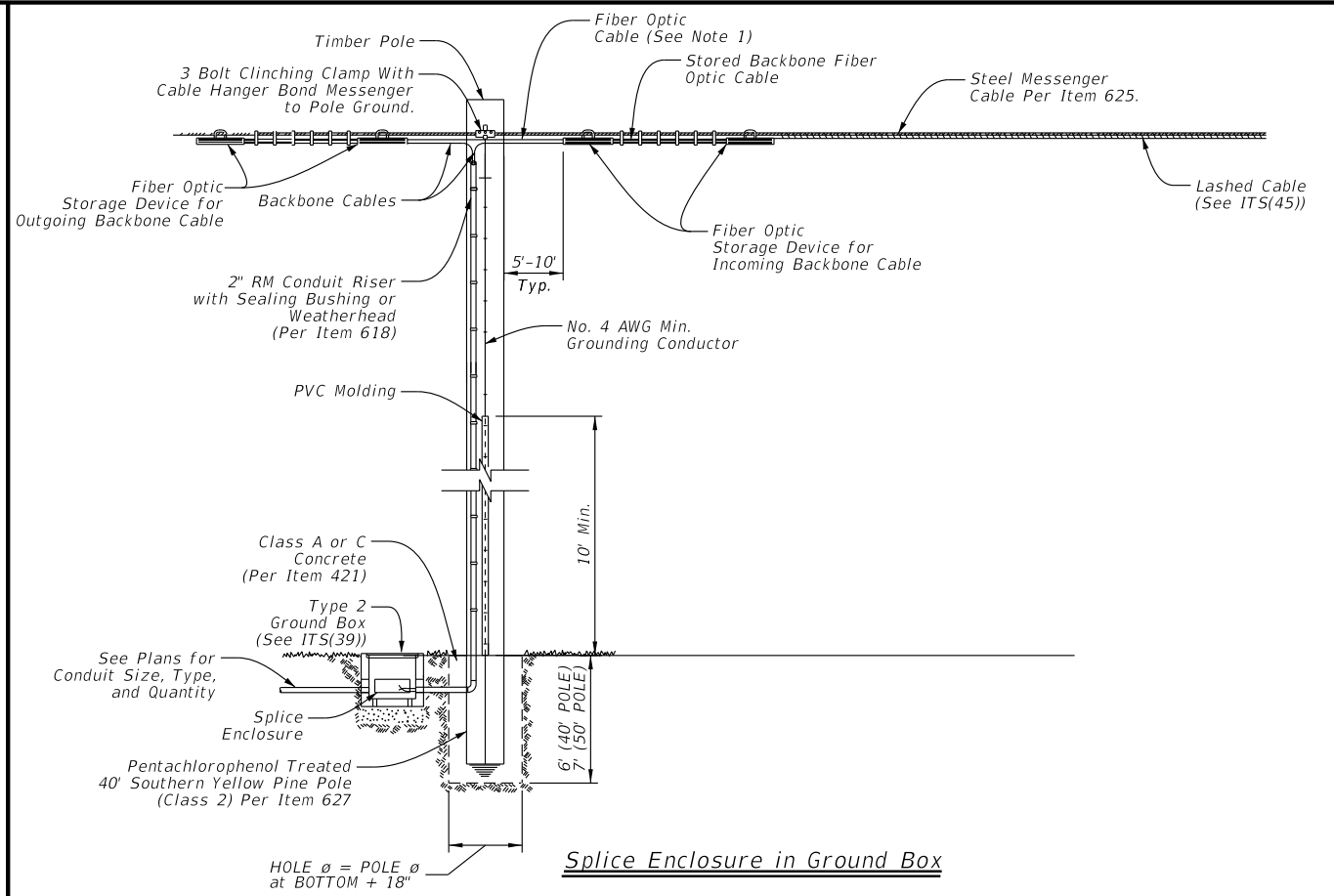


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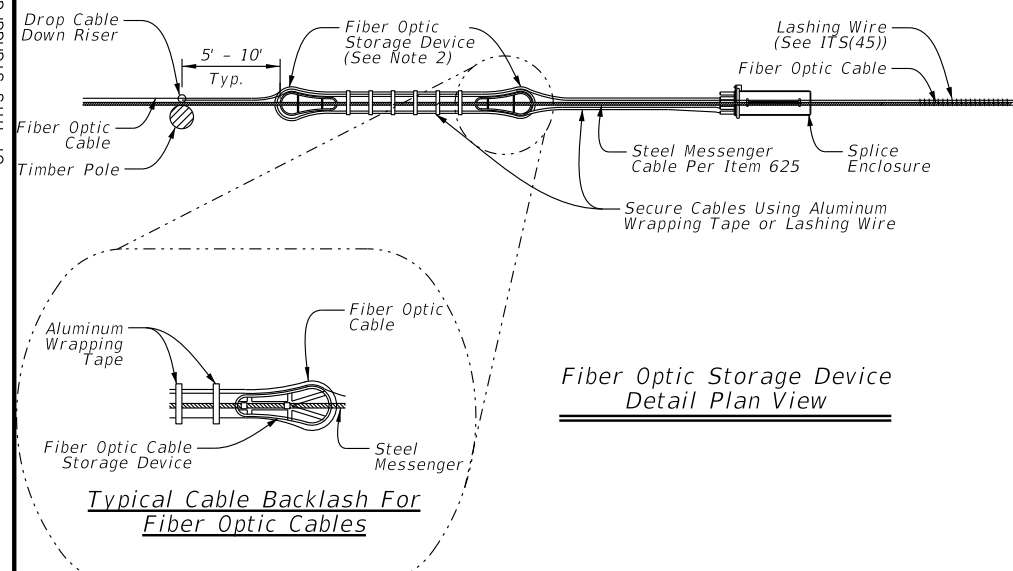
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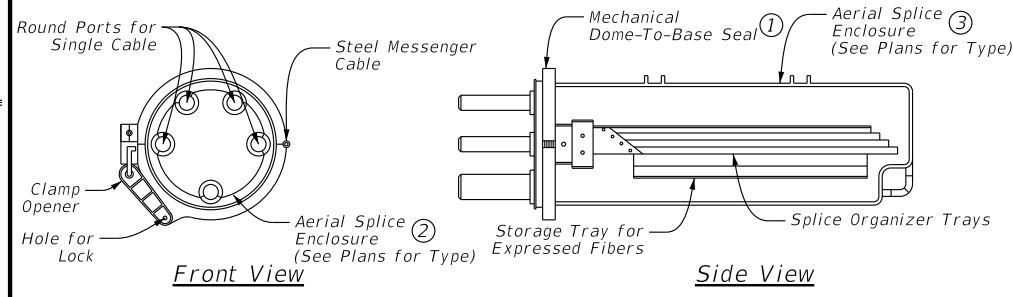
Aerial Splice Enclosure



Splice Enclosure in Ground Box

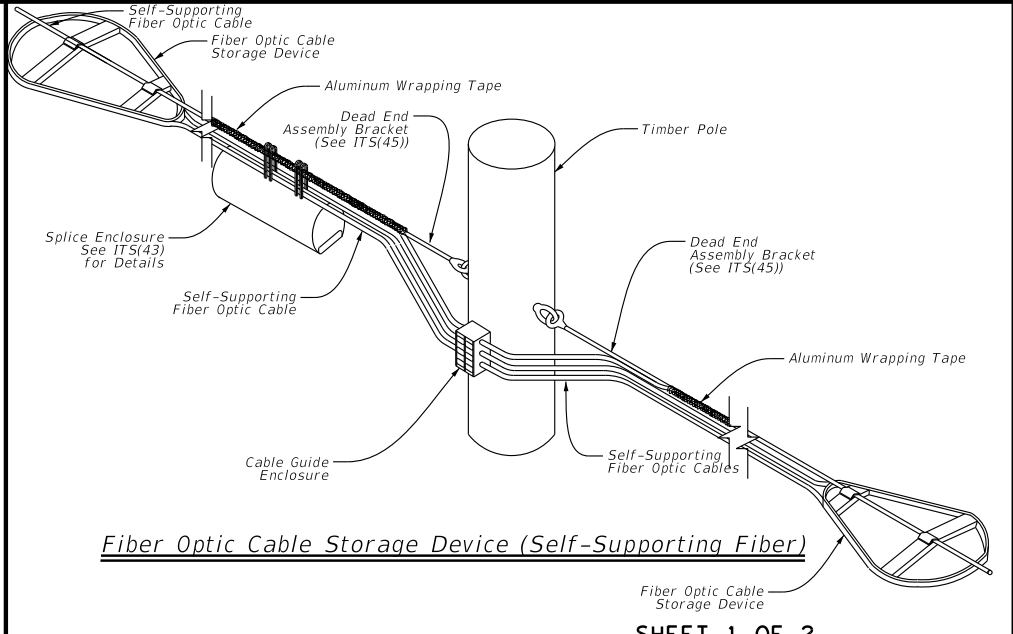


Fiber Optic Storage Device Detail Plan View



Fiber Optic Splice Enclosure

- ① Apply a heat source, as recommended by the manufacturer, to shrink the heat shrinkable tubing to provide a secure fit around the cables and ports.
- ② Perform a pressurization flash test upon conclusion of the splicing and prior to the final placement of the enclosure.
- ③ Refer to ITS(45) for splice enclosure type and size.



Fiber Optic Cable Storage Device (Self-Supporting Fiber)

General Notes:

1. Provide outdoor rated non-armored all-dielectric (requires steel messenger support) or non-armored all-dielectric self-supporting fiber optic cable designed for aerial installation. Fiber optic cable constructed with integrated steel messenger cable is acceptable.
2. See plans for location and amount of spare fiber optic cable slack. Determine the quantity of cable storage racks necessary to secure fiber optic cable slack identified and to accommodate the number of fiber optic cable drops as shown on the plans.
3. Do not store spare cable slack over roadways, driveways, railroads, or buildings.
4. Provide required clearance from electrical power lines and other cables in accordance with Section 23 of the National Electric Safety Code (NEESC).
5. Use the lashing wire method for lashing non self-supporting fiber optic cable requiring lashing to a steel messenger cable.
6. Use a lasher to secure the fiber optic cable to the steel wire strand by wrapping the strand and cable in a spiral manner. The fiber optic cable must be installed without loose lashing, twisting, or weaving along the strand. Rippling, kinking, or any kind of deformation of the cable will lead to a required replacement of the cable by the contractor.
7. Ensure at least one wrap of lashing wire per linear foot is provided when lashing the fiber optic cable to the steel messenger cable.
8. Provide lasher of sufficient size to lash the fiber optic cable without damaging the cable.

Sheet Details  
Not to Scale

ITS FIBER OPTIC CABLE AERIAL INSTALLATION DETAILS  
ITS(44)-16

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