ELEVATION

ALTERNATE STRAND PATTERNS

- 8 ~ 0.6" Ø, CFRP 7-Strand, at 24 kips
- 8 ~ ½" Ø, CFRP Single-Strand, at 23.3 kips

SECTION A-A

3" Cover
(Ctyp.)
0.3" Ø CFRP Strand
Spiral Ties

See Alternate Strand Patterns

NOTES:
1. Work this Index with Index No. 22600 - Notes and Details for Square CFRP & SS Prestressed Concrete Piles and Index No. 22601 - Square CFRP & SS Prestressed Concrete Pile Splices.
2. Any of the given Alternate Strand Patterns may be utilized. The strands shall be located as follows:
   - Place one strand at each corner and place the remaining strands equally spaced between the corner strands.
   - The total strand pattern shall be concentric with the nominal concrete section of the pile.

CFRP PRESTRESSED PILE DETAILS

CFRP PILE SPLICE REINFORCEMENT DETAILS

SECTION D-D
(See Nondrivable Unforeseen Reinforced Precast Pile Build-Up Detail)

SECTION E-E
(See Drivable Unforeseen Prestressed Precast Pile Splice Detail)
**SS PRESTRESSED PILE DETAILS**

**NOTES:**
1. Work this Index with Index No. 22600 - Notes and Details for Square CFRP & SS Prestressed Concrete Piles and Index No. 22601 - Square CFRP & SS Prestressed Concrete Pile Splices.
2. Any of the given Strand Patterns may be utilized.
   - The strands shall be located as follows:
     - Place one strand at each corner and place the remaining strands equally spaced between the corner strands.
     - The total strand pattern shall be concentric with the nominal concrete section of the pile.

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**12" SQUARE CFRP & SS PRESTRESSED CONCRETE PILE**

**INDEX NO.**

**REVISION NO.**

**SHEET NO.**

**FY 2016-17 DESIGN STANDARDS**

**DESCRIPTION:**

**REV. 01/01/16**