** ELEVATION **

** See Note 4 on Index 455-102 **

** ALTERNATE STRAND PATTERNS **

12 ~ 0.6" Ø, CFRP 7-Strand, at 34 kips
12 ~ 0.6" Ø, CFRP Single-Strand, at 33 kips

NOTES:
1. Work this Index with Index 455-101 - Typical Details and Notes for Square CFRP & SS Prestressed Concrete Piles and Index 455-102 - Square CFRP & SS Prestressed Concrete Pile Splices.
2. Any of the given Strand Patterns may be utilized.
3. 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.

** SECTION A-A **

Spiral Tie Spacing

0.2" Ø CFRP Strand Spiral Ties

\[ 3 \times 3\text{"} \times 3\text{"} \text{ Chamfer (Typ.)} \]

** SECTION D-D **

(See Non-Drivable Unforeseen Reinforced Precast Pile Build-Up Detail)

** SECTION E-E **

(See Drivable Prestressed Precast Pile Build-Up Detail)

** SECTION F-F **

(See Drivable Preplanned Prestressed Precast Pile Build-Up Detail)

CFRP PILE SPLICE REINFORCEMENT DETAILS
** Prestressing Strands **

- 8 ~ No. 10 Dowels
- 4 ~ No. 8 SS Bars (Full Length)

** 3" Cover **

- 16 Turns @ 1" Pitch
- 5 Turns @ 1" Pitch
- 16 Turns @ 3" Pitch

** 6" Pitch **

- 3" x 3" Chamfer (Typ.)

** Strand Pattern **

- 16 - 1/2" Ø, HSS5, @ 26 kips

** Elevation **

See Note 4 on Index 455-102

** Section D-D **

- Spiral Ties @ 6" pitch, full length

** Section E-E **

- Spiral Ties @ 6" pitch, full length

** Section F-F **

- Spiral Ties @ 6" pitch, full length

** Notes: **

1. Work this Index with Index 455-101 - Typical Details and Notes for Square CFRP & SS Prestressed Concrete Piles and Index 455-102 - Square CFM & 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 local strand pattern shall be concentric with the nominal concrete section of the pile.