The document provides details for 14" square CFRP & SS prestressed concrete pile reinforcement. It includes:

- **Elevation Diagram**: Shows the pile with spiral ties at 6" pitch and full length.

- **Alternate Strand Patterns**:
  - 8 - 0.6" Ø, CFRP 7-Strand, at 31.5 kips
  - 8 - 1/4" Ø, CFRP Single-Strand, at 30.5 kips

- **SECTION A-A**:References to CFRP strand spiral ties with 3" cover (Typ.).

- **SECTION D-D**: Details about non-drivable unforeseen reinforced precast pile build-up.

- **SECTION E-E**: References to drivable unforeseen prestressed precast pile splice.

- **CFRP Pile Splice Reinforcement Details**: Notations on the use of 0.2" Ø CFRP strand spiral ties with 3" cover (Typ.).

- **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 Alternate Strand Patterns may be utilized.

The total strand pattern shall be concentric with the nominal concrete section of the pile.
SS PRESTRESSED PILE DETAILS

SECTION A-A
(See Nondrivable unforeseen Reinforced Precast Pile Build-Up Detail)

SECTION E-E
(See Drivable unforeseen Prestressed Precast Splice Detail)

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 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.