CFRP PRESTRESSED PILE DETAILS

ALTERNATE STRAND PATTERNS

4 ~ 0.6" Ø, CFRP 7-Strand, at 42 kips
4 ~ 1⁄2" Ø, CFRP Single-Strand, at 41 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 Alternate Strand Patterns may be utilized.

SECTION D-D
(See Non-Drivable 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 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.
   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 E-E
(See Drivable Unforeseen Prestressed Precast Pile Splice Detail)

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

STRAND PATTERN
8 ~ \( \frac{1}{2} \) Ø, HSSS at 24 kips

ELEVATION

SS PILE SPLICE REINFORCEMENT DETAILS

DESCRIPTION:

REV: 2 0 2 0 - 2 1

INDEX:
455-112

SHEET: 2 of 2

LAST REVISION: 01/01/16