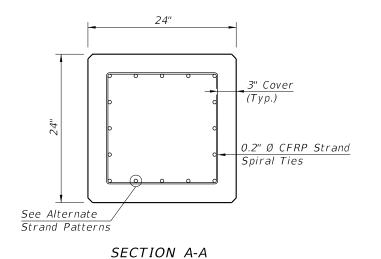


\*\* See Note 4 on Index 455-102

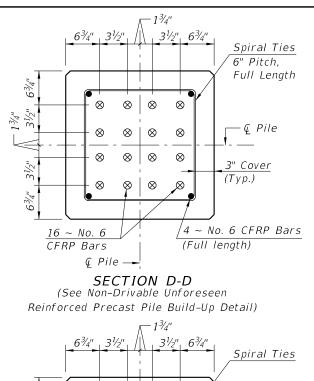
# ALTERNATE STRAND PATTERNS 16 ~ 0.6" Ø, CFRP 7-Strand, at 42 kips

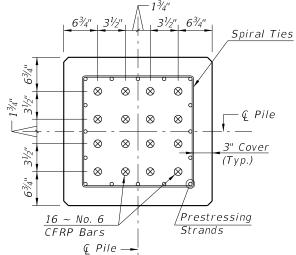
 $20 \sim \frac{1}{2}$ " Ø, CFRP Single-Strand, at 35 kips



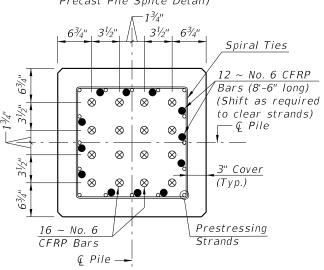
#### NOTES:

- 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.
  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 Prestressed Precast Pile Splice Detail)



SECTION F-F (See Drivable Preplanned Prestressed Precast Pile Splice Detail)

CFRP PILE SPLICE REINFORCEMENT DETAILS

CFRP PRESTRESSED PILE DETAILS

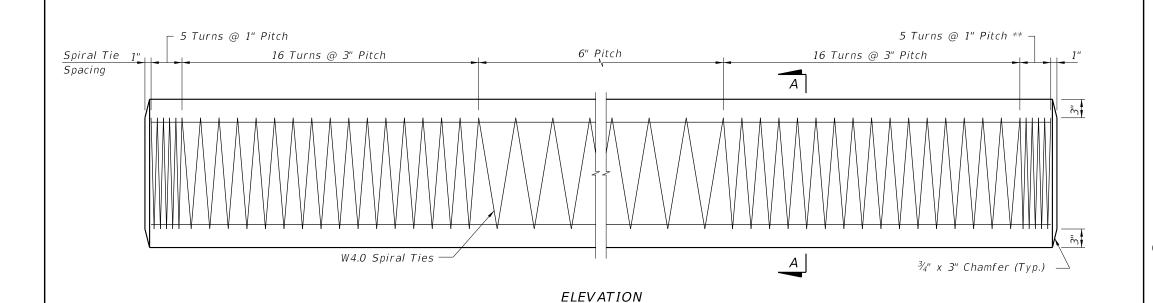
LAST REVISION 11/01/20

DESCRIPTION:

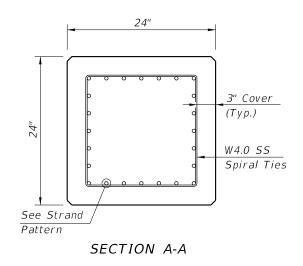
FDOT

FY 2026-27
STANDARD PLANS

SHEET



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

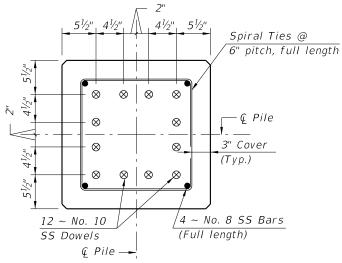


# STRAND PATTERN

28 ~ 0.52" Ø, HSSS at 26 kips 20 ~ 0.62" Ø, HSSS at 35 kips

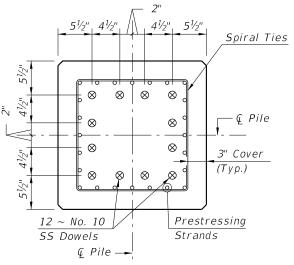
#### NOTES:

- 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. 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.



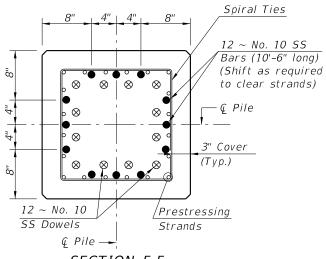
## SECTION D-D

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



#### SECTION E-E

(See Drivable Prestressed Precast Pile Splice Detail)



### SECTION F-F

(See Drivable Preplanned Pile Splice Detail)

SS PILE SPLICE REINFORCEMENT DETAILS

SS PRESTRESSED PILE DETAILS

REVISION 11/01/24

DESCRIPTION:

**FDOT** 

FY 2026-27 STANDARD PLANS

24" SQUARE CFRP & SS PRESTRESSED

INDEX

SHEET