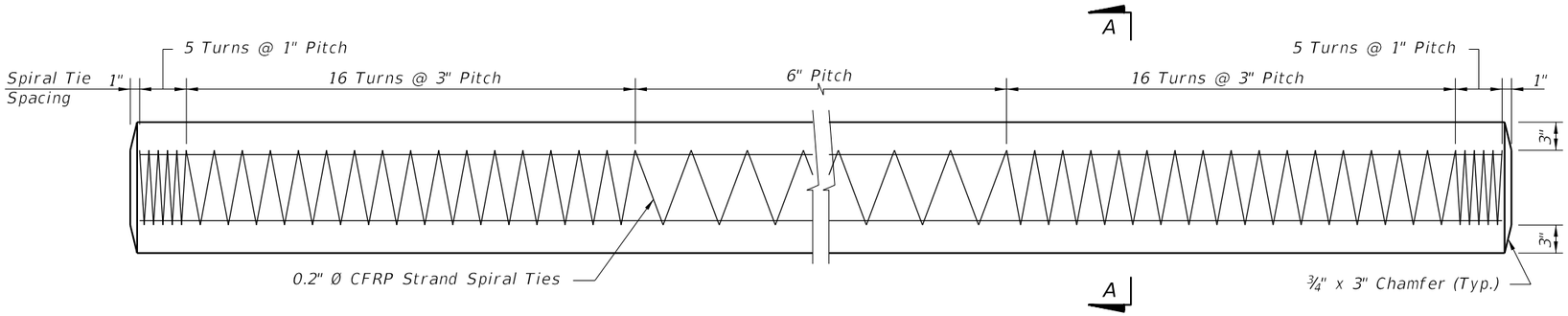
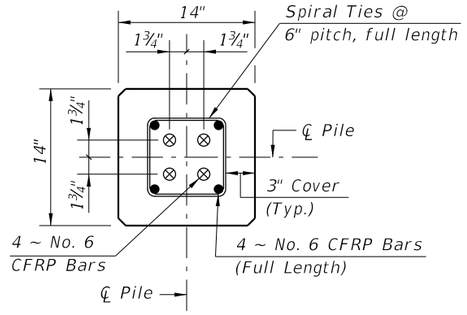
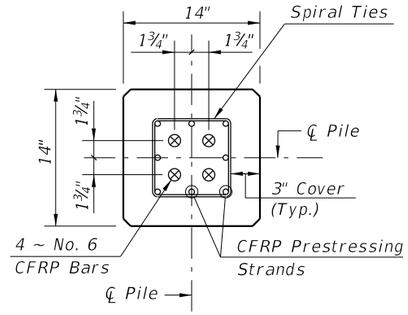


ELEVATION



SECTION D-D

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



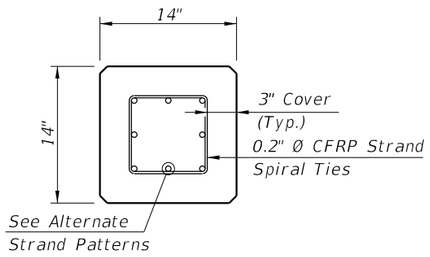
SECTION E-E

(See Drivable Unforeseen Prestressed Precast Pile Splice Detail)

CFRP PILE SPLICE REINFORCEMENT DETAILS

ALTERNATE STRAND PATTERNS

8 ~ 0.6" Ø, CFRP 7-Strand, at 31.5 kips
8 ~ ½" Ø, CFRP Single-Strand, at 30.5 kips



SECTION A-A

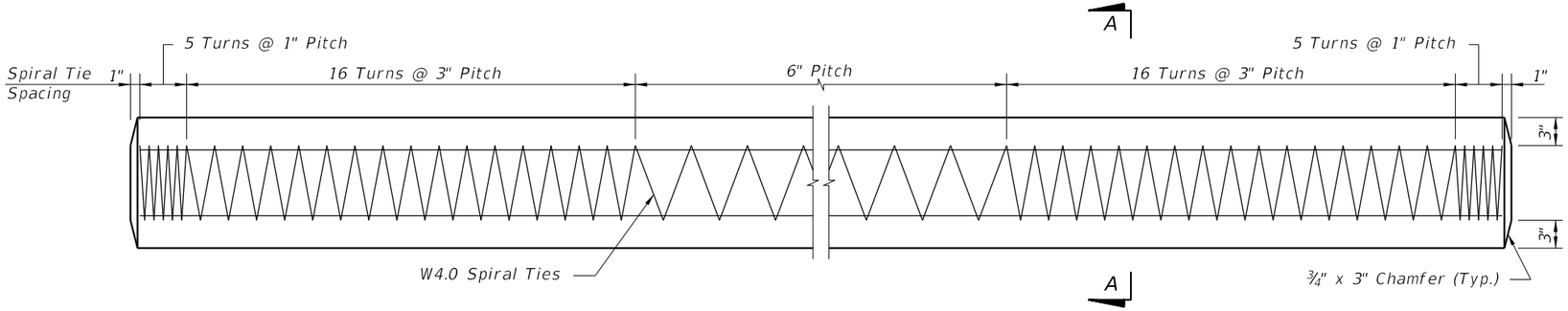
NOTES:

1. Work this Index with Index 22600 – Notes and Details for Square CFRP & SS Prestressed Concrete Piles and Index 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 equally space the remaining strands between the corner strands.
   The total strand pattern shall be concentric with the nominal concrete section of the pile.

CFRP PRESTRESSED PILE DETAILS

$TIMES
$DATE$

LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
11/01/16			FDOT FY 2017-18 DESIGN STANDARDS	14" SQUARE CFRP & SS PRESTRESSED CONCRETE PILE	22614	1 of 2



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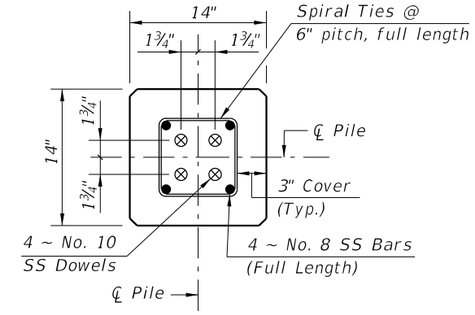
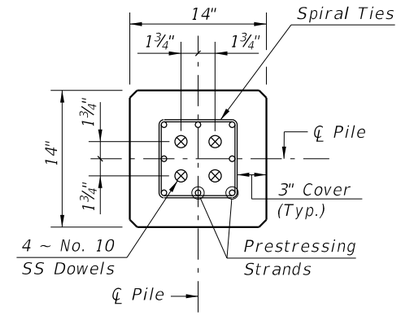


SECTION D-D

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

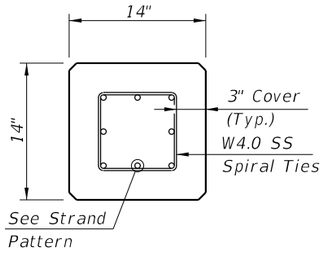


SECTION E-E

(See Drivable Unforeseen Prestressed Precast Splice Detail)

STRAND PATTERN

12 ~ ½" Ø, HSSS at 23 kips



SECTION A-A

SS PILE SPLICE REINFORCEMENT 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 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.

SS PRESTRESSED PILE DETAILS

10/26/2016 9:21:53 AM

LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
01/01/16			FY 2017-18 DESIGN STANDARDS	14" SQUARE CFRP & SS PRESTRESSED CONCRETE PILE	22614	2 of 2