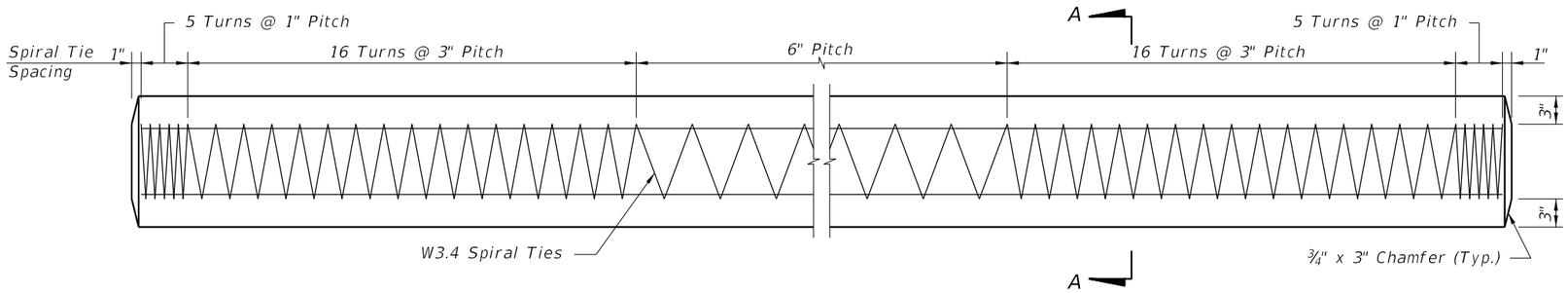
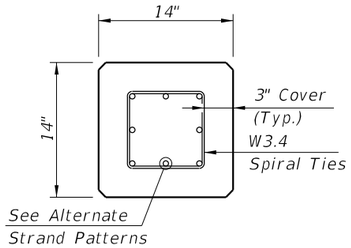


ELEVATION

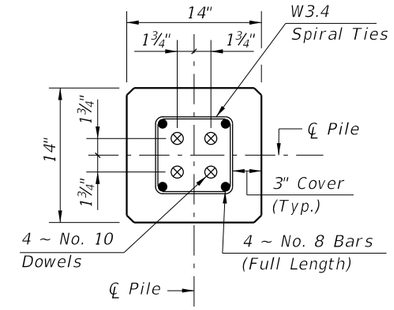


SECTION A-A

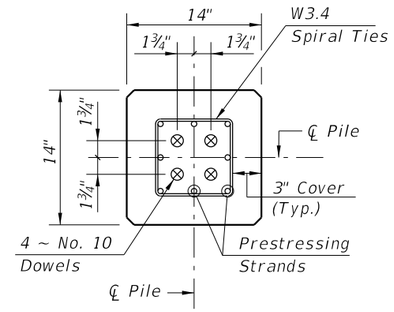
ALTERNATE STRAND PATTERNS

8 ~ 0.6" Ø, Grade 270 LRS, at 33 kips
8 ~ ½" Ø (Spec), Grade 270 LRS, at 31 kips
8 ~ ½" Ø, Grade 270 LRS, at 31 kips
12 ~ 7/16" Ø, Grade 270 LRS, at 21 kips
16 ~ ⅜" Ø, Grade 270 LRS, at 16 kips

NOTE:
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.



SECTION D-D
(See Nondrivable Unforeseen Reinforced Precast Splice Detail)



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

PILE SPLICE REINFORCEMENT DETAILS

NOTE:
Work this Index with Index No. 20600 – Notes and Details for Square Prestressed Concrete Piles and Index No. 20601 – Square Prestressed Concrete Pile Splices.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
07/01/10	GJM	"ALTERNATE STRAND PATTERNS" Added: "12 ~ 7/16" Ø, Grade 270 LRS, at 21 kips" and "16 ~ ⅜" Ø, Grade 270 LRS, at 16 kips"; Changed: 8 ~ 0.6" Ø, Grade 270 LRS, to "33 kips", 8 ~ ½" Ø (Spec), Grade 270 LRS, to "31 kips". Deleted: "SR" strand pattern options.			

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION

2010 Interim Design Standard

14" SQUARE PRESTRESSED CONCRETE PILE

Interim Date 07/01/10

Sheet No. 1 of 1

Index No. 20614