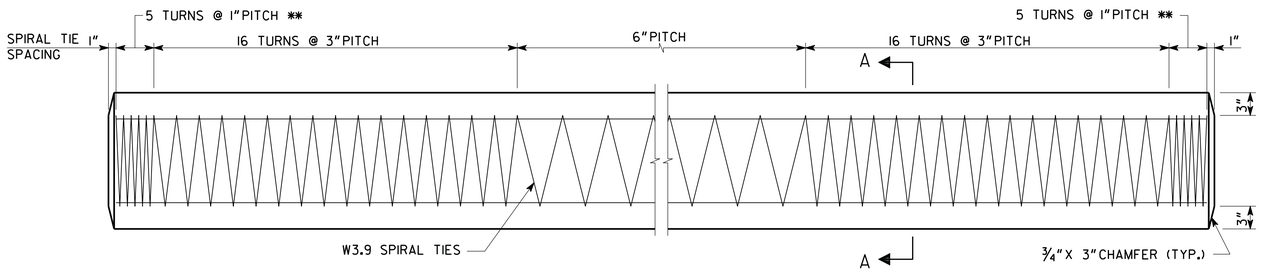
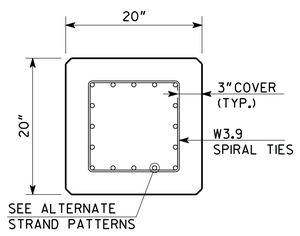
RELEASED FOR CONSTRUCTION: 07/23/2013

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSMSL-0008-00(690)	540	730



ELEVATION

** SEE NOTE NO. 4 ON PSC PILE SHEET 2



SECTION A-A

ALTERNATE STRAND PATTERNS

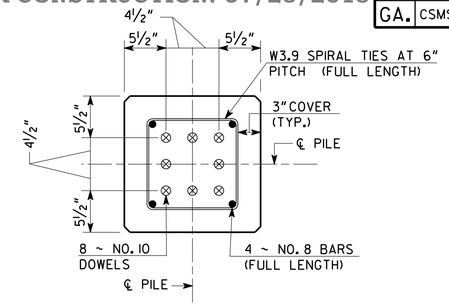
12 ~ 0.6"Ø, GRADE 270 LRS, AT 42 KIPS
16 ~ 1/2"Ø (SPECIAL), GRADE 270 LRS, AT 31 KIPS
16 ~ 1/2"Ø, GRADE 270 LRS, AT 31 KIPS
24 ~ 7/16"Ø, GRADE 270 LRS, AT 21 KIPS

NOTE:
ANY OF THE GIVEN ATLERNATE 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.

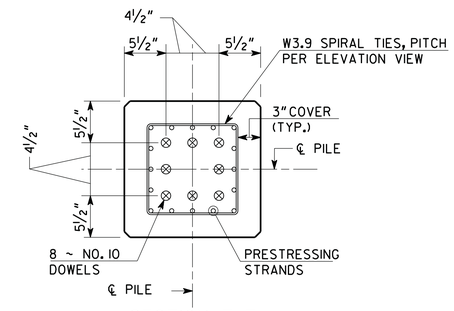
THE TOTAL STRAND PATTERN SHALL BE CONCENTRIC WITH THE NOMINAL CONCRETE SECTION OF THE PILE.

NOTE:
USE THIS SHEET WITH PSC PILE SHEET 1 - NOTES AND DETAILS FOR SQUARE PRESTRESSED CONCRETE PILES AND PSC PILE SHEET 2 - SQUARE PRESTRESSED CONCRETE PILE SPLICES.



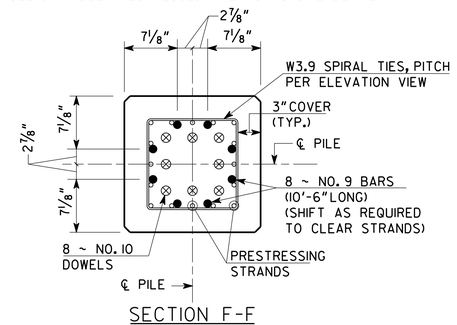
SECTION D-D

(SEE NONDRIVABLE UNFORESEEN REINFORCED PRECAST SPLICE DETAIL)



SECTION E-E

(SEE DRIVABLE PRESTRESSED PRECAST SPLICE DETAIL)



SECTION F-F

(SEE DRIVABLE PREPLANNED SPLICE DETAIL)

20" PILE SPLICE REINFORCEMENT DETAILS

PSC PILE - SPECIAL DESIGN

THE LPA GROUP
A UNIT OF MICHAEL BAKER CORPORATION

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

20" SQUARE
PRESTRESSED CONCRETE PILES
CHATHAM COUNTY CSMSL-0008-00(690)

REVISIONS	BY	DATE

DRAWING NO. 37-05
PSC PILE SHEET 5 OF 5

NO SCALE JULY 2013

DESIGNED JCR | CHECKED ANZ/AWB | REVIEWED DLC/WMD
DRAWN JCR | DESIGN GROUP SKG | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

8/6/2013 1:41:17 PM R:\126379\Bridge\FDOT Piles\20620-1of1.dgn