**PILE SPLICE REINFORCEMENT DETAILS**

**NOTES:**
1. Work this Index with Index No. 20600 - Notes and Details for Square Prestressed Concrete Piles and Index No. 20601 - Square 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.

**SECTIONS**

**SECTION D-D**
(See Non driven Unforeseen Reinforced Precast Pile Splice Detail)
- 4 ~ No. 6 Bars
- 4 ~ No. 10 Dowels
- 3" Cover (Typ.)
- 5 Turns @ 1" Pitch
- 16 Turns @ 3" Pitch
- 1½" Ø, Grade 270 LRS, at 44 kips
- 8 ~ ½" Ø (Special), Grade 270 LRS, at 25 kips
- 8 ~ ½" Ø, Grade 270 LRS, at 24 kips
- 8 ~ ⅜" Ø, Grade 270 LRS, at 23 kips
- 12 ~ ⅝" Ø, Grade 270 LRS, at 16 kips

**SECTION E-E**
(See Drivable Unforeseen Prestressed Precast Pile Splice Detail)
- 4 ~ No. 6 Bars (Full Length)
- 4 ~ No. 10 Dowels
- 3" Cover (Typ.)
- 5 Turns @ 1" Pitch
- 16 Turns @ 3" Pitch
- 1½" Ø, Grade 270 LRS, at 44 kips
- 8 ~ ½" Ø (Special), Grade 270 LRS, at 25 kips
- 8 ~ ½" Ø, Grade 270 LRS, at 24 kips
- 8 ~ ⅜" Ø, Grade 270 LRS, at 23 kips
- 12 ~ ⅝" Ø, Grade 270 LRS, at 16 kips

**ALTERNATE STRAND PATTERNS**
- 4 ~ 0.6" Ø, Grade 270 LRS, at 44 kips
- 8 ~ ½" Ø, Grade 270 LRS, at 25 kips
- 8 ~ ½" Ø, Grade 270 LRS, at 24 kips
- 8 ~ ⅜" Ø, Grade 270 LRS, at 23 kips
- 12 ~ ⅝" Ø, Grade 270 LRS, at 16 kips

**ELEVATION**

See Alternate Strand Patterns

**SECTION A-A**

3" Cover (Typ.)

W3.4 Spiral Ties

5 Turns @ 1" Pitch

16 Turns @ 3" Pitch

6" Pitch

1" x 3" Chamfer (Typ.)

W3.4 Spiral Ties

**NOTES:**
- 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.

**12" SQUARE PRESTRESSED CONCRETE PILE**

01/01/12

20612