BAR BENDING DIAGRAMS

NOTES:
1. Work this Standard with Index No. 20400.
2. Intermediate Prestress Strands not shown in Elevations and Sections.
3. All dimensions are in inches.
4. Bars $A$ are #5 and Bars $S$ are #4.
5. At the Contractor's option, Bars $S$ may be fabricated as a two piece bar as shown in the Bar Bending Diagram.
6. The Contractor may use Deformed Welded Wire Reinforcement conforming to specification ASTM A497 in lieu of Bars $A$ and Bars $S$. If the wire size and spacing provide the same area of reinforcing steel per foot as the Bars shown.
7. For Dimensions $L$ and $X$ see Sheet pile Data Table in Structures Plans.

TYPICAL PILE

Spaced at 1'-0" Maximum

6 spa & 4" 6 spa & 4" 3/4" Spacing for Bars $S$

STARTER PILE

Spaced at 1'-0" Maximum

6 spa & 4" 6 spa & 4" 3/4" Spacing for Bars $S$

STRAINS DIA. | MAXIMUM L | n | D (in.) | TOTAL # OF STRANDS | SECTION MODULUS (kT) | STRESS (PSI)
---|---|---|---|---|---|---
0.5 | 28'-0" | 6 | 3/4 | 14 | 500 | 1150
0.6 | 27'-0" | 4 | 5 | 10 | 500 | 1180

* Unit Prestress after losses.