

typical pile


Starter pile

| $\begin{array}{\|c\|} \hline \text { Wall } \\ \text { Thickness } \end{array}$ | $\underset{\text { (in.) }}{\text { STRAND }} \text { DIA. }$ | $\mid \underset{L}{\text { MAXIMUM }}$ | $n$ | $\begin{gathered} D \\ \text { (in.) } \end{gathered}$ | TOTAL \# OF STRANDS | $\begin{aligned} & \text { SECTION } \\ & \text { MODULUS (in.3) } \end{aligned}$ | $\begin{aligned} & \text { * STRESS } \\ & \text { (PSI) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| T=10 in. | 0.5 | $28^{\prime \prime}-0^{\prime \prime}$ | 6 | 31/4 | 14 | 500 | 1150 |
|  | 0.6 | $27^{\prime \prime}-0^{\prime \prime}$ | 4 | 5 | 10 | 500 | 1160 |
| T=12 in. | 0.5 | $31^{\prime}-0^{\prime \prime}$ | 7 | 2\% | 16 | 720 | 1100 |
|  | 0.6 | $30^{\prime}-0^{\prime \prime}$ | 5 | 4 | 12 | 720 | 1160 |



NOTES

1. Intermediate Prestress Strands not shown in Elevations and Sections. 2. All bar dimensions are out-to-out.
2. Bars A are \#5 and Bars S are \#4.
3. At the Contractor's option Bars S may be fabricated as a two piece bar
as shown in the Bar Bending Diagram.

$$
\begin{aligned}
& \text { 5. The Contractor may use Deformed Welded Wire Reinforcement conforming to } \\
& \text { specification ASTM A497 in lieu of Bars A and Bars S if the wire size and }
\end{aligned}
$$

$$
\begin{aligned}
& \text { specification ASTM A497 in lieu of Bars A and Bars } s \text { if the wire size and } \\
& \text { spacing provide the same area of reinforcing steel per foot as the Bars show }
\end{aligned}
$$

$$
\begin{aligned}
& \text { Spacing provide the same area of reinforcing steel per foot as the Bars } \\
& \text { 6. For Dimensions } L \text { and } X \text { see SSeet Pile Data Table in Structures Plans. }
\end{aligned}
$$



SECTION A-A

(Typical Tongue)

SECTION B-B


DETAIL "E"
Typical Groove)



