

NOTES:

1. PRE-DRILL X" DIAMETER HOLES TO THE SPECIFIED ELEVATIONS. PRE-DRILLED HOLES SHALL BE WITHIN 2% OF PLUMB.
2. DRILL X" DIAMETER ROCK SOCKET INTO COMPETENT BEDROCK TO THE ESTIMATED TIP ELEVATIONS. THE MINIMUM LENGTH OF ROCK SOCKET IS X FEET.
3. PLACE, CENTRALIZE, AND SECURE PILE IN PRE-DRILLED HOLE WITHIN 3" OF PLAN POSITION IN THE HORIZONTAL PLANE AT THE TOP OF PILE ELEVATION.
4. PLACE 2500 PSI, $\frac{3}{4}$ IN, 470 CEMENT CONCRETE TO FILL THE ENTIRE X FEET OF ROCK SOCKET. AFTER PLACEMENT OF CONCRETE, FILL THE ANNULAR FROM TOP OF ROCK SOCKET TO BOTTOM OF ABUTMENT WITH THE APPROVED MATERIAL AS PER GEOTECHNICAL REPORT.
5. THE FACTORED AXIAL DESIGN LOAD PER PILE IS X KIPS AS PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS STRENGTH I LOAD COMBINATION. *(Designer to specify the Limit State and the Group Load Combination that produce the highest axial load)*
THE FACTORED STRUCTURAL PILE RESISTANCE IS X KIPS AND IS THE PRODUCT OF THE NOMINAL STRUCTURAL RESISTANCE OF X KIPS AND A RESISTANCE FACTOR OF 0.XX.
6. THE FACTORED GEOTECHNICAL PILE RESISTANCE IS X KIPS AND IS A PRODUCT OF NOMINAL GEOTECHNICAL RESISTANCE OF X KIPS AND A RESISTANCE FACTOR OF 0.XX.
7. THE CONTRACTOR SHALL SUBMIT A PILE SCHEDULE AND PILE INSTALLATION PLAN FOR REVIEW AND APPROVAL OF THE ENGINEER.