

PART 1 - GENERAL

- 1.1 RELATED SECTIONS
- .1 Section 31 09 16.01 - Pile Driving Template.
 - .2 Section 31 63 19 - Bored and Socketed Piles.
 - .3 Section 31 61 13 - Pile Foundation, General Requirements.
 - .4 Section 05 50 00 - Metal Fabrications.

1.2 GENERAL

- .1 Drill sockets into bedrock to elevations as indicated.
- .2 Drill socket to minimum depth as indicated.
- .3 After drilling is completed, clean out socket.
- .4 After socket has been cleaned out and inspected, allow to stand for 24 h and inspect again for intrusion of material.
- .5 If required, redrive pile, as required to seal socket and repeat drilling, cleaning out and inspection process.
- .6 Install fabricated rebar cage in drilled socket and in pile in accordance with Section 31 63 19 - Bored and Socketed Piles.
- .7 Grout inside pipe piles, in drilled socket and up to elevation as indicated, as soon as possible after installing rebar cage.
- .8 Use grout mix that has been demonstrated to produce required strength at temperature prevailing in socket and pile in specified time.
- .9 Grout mix and grouting pressure to approval of Departmental Representative.

.10 Hold pile securely in position so that it does not move during grouting and until grout has attained specified strength.

.11 Place grout in one continuous operation to fill socket and pile up to specified level.

1.3 MEASUREMENT FOR
PAYMENT

.1 Include all costs associated with the rock socketing for the steel pipe piles as incidental to the unit price for "steel piles (socketed) bearing" and "steel piles (socketed) batter".