

Employee Safe Zones for Driven Pile Installation

Practice #002-2017

Owner: B Ogilvie

Introduction:

The purpose of this Best Practice is to identify safe zones and reduce employee exposure from falling objects during lifting, bailing and driving of piles.

Why Best Practice:

To implement a specific, measurable radius around a pile driving rig.

Benefits:

Adherence to this Best Practice will reduce risk of injuries to employees.

Expectations:

This Best Practice applies to the following driven pile operations:

- While lifting and bailing pile
- While hammer is in operation



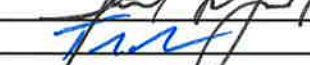


**Exceptions include operating manual pile gates or spotting pile on location. It may be necessary for as many as two people to access this area before engaging the hammer.*

1. The recognized safe zone for driven pile operations includes the areas to the sides and rear of the pile.
2. The radius of this zone is no less than 30' from the pile to be driven. (reference attached diagram)



Note: The crane operator is excluded from this requirement because the cab is protected by impact-resistant glass.

Note: Non-essential personnel (pile loggers, observers, other contractors, etc.) shall maintain a minimum distance of 1-1/2 times the pile length from the leads.

First Level Review

Role	Signature	Date
Piling General Superintendent		9-18-17
Piling Construction Manager		9-18-17
Piling Operations Manager		9-18-17
Drill Shafts General Superintendent		9-18-17
Drill Shafts Operations Manager		9/18/17

Approvals

Role	Signature	Date
Division Safety Manager		9/18/17
Company President		9/18/17

REVISION HISTORY:

Rev #	Date	Reason for Changes	Originator	Effective Date
1	__/__/__	Initial Policy		

[Requirement: Work must be performed in accordance with the information in this Best Practice. If it is determined that work cannot be done as required in the Best Practice or that it presents additional risk, you must obtain authorization for variance from the General Superintendent, Construction Manager and the Division Safety Manager.](#)

**Driven Pile Safe
Zone Diagram**

