Floating Pile Driving Rig Safety Infographic

Shop Talk: Pile Driving

What will we do today to prevent an incident?

Piles are slender, cylindrical units made of wood, steel, and/or concrete that are used to support foundations or secure excavations. Pile driving is when piles are driven into or removed from the ground. Piles are usually driven into position by a crane with a mounted pile hammer. There are two types of pile driving: deep foundation and shallow foundation.



What's the hazard?

Pile driving and related tasks, including surveying and locating underground utilities, and cutting and levelling piles, can present a variety of hazards. Pile driving is a high-risk task and procedures must be implemented to keep workers and the public safe.

Hazards to consider may include:

- electrical hazards, including working near overhead power lines and the use of cords
- poor soil condition
- noise and vibration
- piles falling
- flooding/water hazards
- lifting and rigging
- excavation collapse

Source: https://www.safemanitoba.com