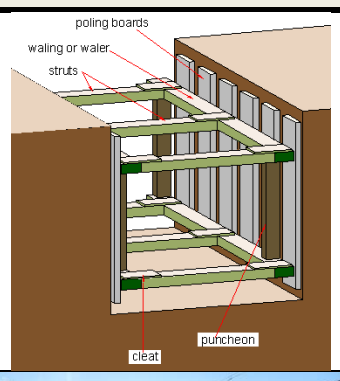
TASK SAFETY PROCESS

Title: Timber Shorring | TSP Number: P0012 | Issue Date: 1/29/2014

Revision Date: N/A | Reviewed By: Doug Patton, Ron Beverly, Chad Smit, Brad Bechinske

The following are guidelines. Client or Project Specifics may superseded this document. Consult Project Manager with conflicts.

Task Step	Step Hazard	Hazard Mitigation	Picture
1. Determine Shoring Design: a. OSHA 1926 Subpart P – App C – Timber Shoring for Trenches b. Engineered shoring drawings	a. N/A b. N/A	a. N/A b. N/A	
2. Set up work area a. Inspect work area b. Inspect PPE, tools and equipment for damage c. Follow all applicable site procedures for excavations and confined spaces	a. Slips, trips, falls b. N/A c. N/A	a. Eyes on path b. N/A c. N/A	
3. Layout a. Measure and cut timber and plywood as needed. b. Practice good housekeeping with scraps throughout the project	a. Pinch points, sharp edges b. N/A	a. Wear proper PPE and be aware of surroundings b. N/A	
4. Install Shoring a. Install handrails and ladders as required – make sure handrails are the necessary safe distance away from the edge of excavation. b. Install posts with shoring hammer c. Install walers d. Install struts	a, b, c, d: Pinch points, line of fire, overhead loads, heavy equipment	a, b, c, d: Wear proper PPE, eyes on path, be aware of surroundings, check rigging	
5. Install Shoring, Continued a. Install sheeting/plywood with sheeting hammer b. Continue driving sheeting and installing struts as excavation progresses	a, b: Pinch points, line of fire, overhead loads, heavy equipment	a, b: Wear proper PPE, eyes on path, be aware of surroundings, check rigging	
6. Removing Shoring a. Alternate pulling shoring with crane or excavator and backfilling the excavation. b. Stack and organize the shoring to reuse the lumber and maintain good housekeeping.	a, b: Pinch points, line of fire, overhead loads, heavy equipment	a, b: Wear proper PPE, eyes on path, be aware of surroundings, check rigging	

****SPECIAL NOTES****

1. Follow all site procedures with a focus on shoring, confined spaces, and excavations.
2. Carpenters should remove or safely embed nails to remove the possibility of a sharp object hazard.
3. The OSHA Timber Shoring standard covers trenches/excavations up to 20 feet in depth - anything deeper must have engineered shoring.