

| C/M or P/M Reviewed: | <u>CONSTRUCTION JOB HAZARDS ANALYSIS</u> <i>Excavation, Trenching & Pot Holing</i> | |
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| Building & Room(s): | Contractor/Subcontractor Name: | Rev: 2015 |
| Project: | Date: | |
| Scope of Work: Please list the scope of work in this area. Example; dig hole or trench (5) trenches 3' wide x 4' deep using a backhoe. (and remove these directions). | | |
| Tasks being Performed | Potential Safety Risks/Hazards | Safety Controls / Mitigations |
| <p><u><i>This is a TEMPLATE</i></u></p> <p>Describe the specific means & methods (job tasks) for completing all work associated with the project. It is helpful to list these as steps.</p> <p>Describe the work location (street, controlled construction job site, landscaping, etc.) & whether pedestrian or traffic flow needs to be controlled to ensure safety of pedestrians and drivers.</p> <p>Identify any heavy equipment (back hoe, excavator, dump truck, etc.) that will be used to complete the project.</p> <p>NOTES: <u>Penetration Permit may be required. See:</u> <u>Storm Water Pollution Prevention Plan (SWPPP) may be required</u> <u>Special procedures and controls are required for excavating and handling contaminated material.</u> <u>A Traffic & Pedestrian control plan may be required</u></p> | Risk of injury to automotive or pedestrian traffic. | <p>A Traffic / Pedestrian Control Plan is required when blocking or partially blocking any walkway, roadway or driveway.</p> <p>Work area should be delineated off from Un-Authorized personnel & signs posted</p> <p>Proper PPE shall be worn by adjacent personnel, as required by their proximity to the work task.</p> |
| | Risks of injury from cave-in's collapse of unstable or poorly supported soil. | <p>An Excavation Competent Person (CP) shall be assigned.</p> <p>Soil type shall be classified by the CP. If no soil testing is performed, the soil shall be classified as type "C".</p> <p>Trenches, spoil piles and surrounding work areas are inspected daily or as needed.</p> <p>Shoring or benching is required as determined by the CP.</p> <p>Excavated soil spoils are properly managed.</p> <p>Any trench greater than 5 feet deep, located next to underground piping or tanks containing hazardous materials, or having soil discoloration or odors shall be evaluated for permit-required confined space controls.</p> |
| | Risk of accidental release into the storm water drains | <p>If storm drains are below work areas, ensure drain covers are surrounded by waddles, lined with mesh covers (silt screens).</p> <p>Ensure dechlorination tablets are in place.</p> |
| | Risk of damaging underground utilities. | <p>Follow Penetration Permit requirements.</p> <p>Ensure all areas to be disturbed have been scanned prior to the start of work.</p> <p>All areas within 30" of known utilities shall be hand dug unless an exemption is obtained</p> |

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A signed copy of this JHA must be posted while the applicable subcontractor is working on-site and be available to any employee upon request.