

Sanford Underground Research Facility
SURFACE PENETRATION PERMIT

WORK PERFORMED USING STANDARD SURFACE PENETRATION METHODS

WORK DESCRIPTION

Scope of Work

Worker	Date	Building Manager (BM) Informed of Work
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PROJECT EVALUATION

- A walk down of accessible sides of the surface that will be disturbed has been performed to identify:
- Visible indications that utilities and equipment might be present
 - Utilities and equipment that might be disturbed during the work activity.
- NOTE: This step is required.**
- The project will be performed using one of the following standard surface penetration methods. Additional utility locate measures are not necessary. Check the method(s) to be used.
- Hanging pictures or board where the length of the nail or screw will not fully penetrate the wall material
 - Penetrations into masonry block wall that do not exceed 3/4" in depth
 - Penetrations into pre-cast tilt-up concrete walls to mount signs and facility accessories
 - Penetrations into drywall, sheetrock, or similar construction material with the following tools:
 - Drill fitted with a bit stop to prevent penetration beyond the depth of the material
 - Utility knife or other cutting tools where the blade is adjusted to prevent penetration beyond the depth of the material
 - Non-conductive object whose length does not exceed the depth of the material
 - Laminate trimmer with the cutting bit adjusted to prevent penetration beyond the depth of the material

PROJECT CONTROLS AND INSTRUCTIONS

Comply with the following controls and instructions when making surface penetrations.

- STOP WORK** immediately if:
- You encounter unexpected utilities
 - Your tools meet unexpected resistance
 - You damage utilities during the work activity.
- Use a ground fault circuit interrupter when using corded electrical power tools. Test before use.
- Do not penetrate into a single layer of drywall, sheetrock, or similar construction material unless both sides can be visually inspected to verify the absence of utilities that may be disturbed.
- Once initial penetration is complete, use a fiber optic scope, or equivalent technique approved by the BAE/Environment, Health, and Safety Office to verify the absence of utilities prior to proceeding with work.

Surface Penetration Permit Approved By:

Printed Name:	Signature:
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