Day 4 Schedule

CET CENTER FOR ECOTECHNOLOGY

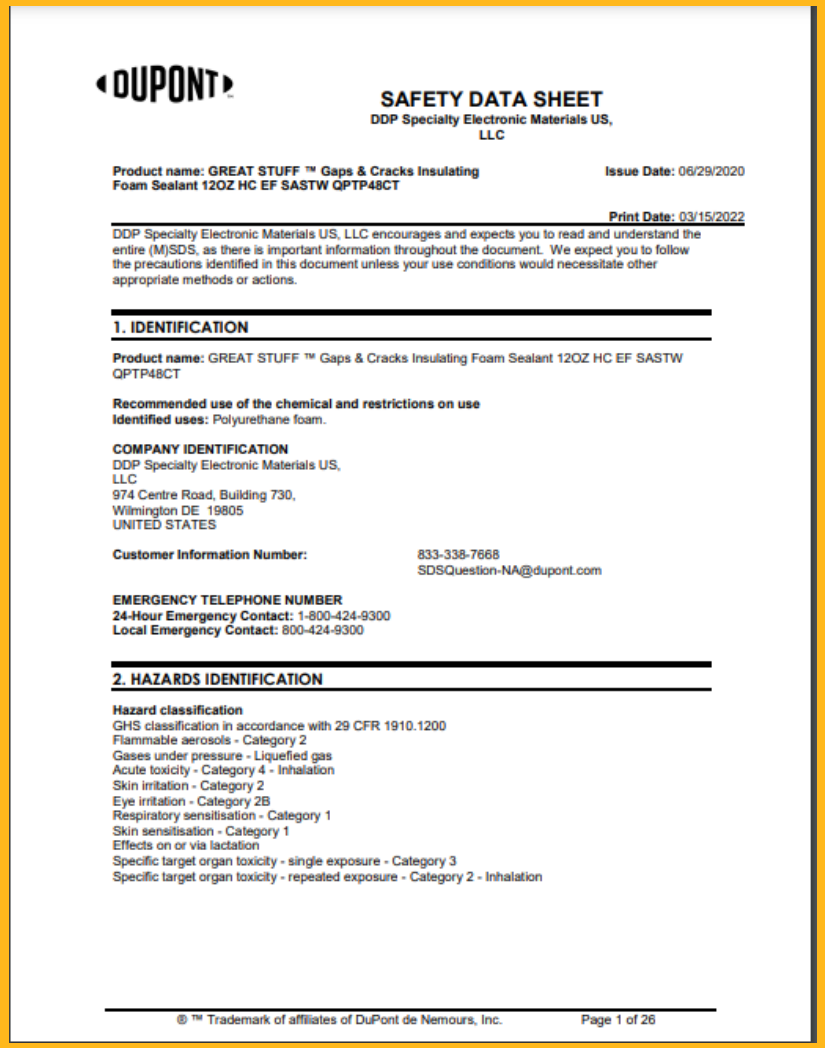
8:00	Breakfast
8:30	Lesson 20: Insulating Sidewalls from Interior
9:00	Lesson 21: Difficult Siding
9:45	Lesson 22: Cantilevers and Garage Ceilings
10:45	Lesson 23: Accesses, Whole House Fans
11:30	Course Review
12:00	Lunch
12:40	Written Exam
1:50	Course Review and Retest
3:00	Class Ends

Material Safety Data Sheets

CENTER FOR ECOTECHNOLOGY

What we'll cover:

- What is a Material Safety Data Sheet (MSDS)?
- Why it's important
- How to read it



DUPONT

SAFETY DATA SHEET
DDP Specialty Electronic Materials US, LLC

Product name: GREAT STUFF ™ Gaps & Cracks Insulating Foam Sealant 12OZ HC EF SASTW QPTP48CT

Issue Date: 06/29/2020

Print Date: 03/15/2022

DDP Specialty Electronic Materials US, LLC encourages and expects you to read and understand the entire (M)SDS, as there is important information throughout the document. We expect you to follow the precautions identified in this document unless your use conditions would necessitate other appropriate methods or actions.

1. IDENTIFICATION

Product name: GREAT STUFF ™ Gaps & Cracks Insulating Foam Sealant 12OZ HC EF SASTW QPTP48CT

Recommended use of the chemical and restrictions on use
Identified uses: Polyurethane foam.

COMPANY IDENTIFICATION
DDP Specialty Electronic Materials US, LLC
974 Centre Road, Building 730,
Wilmington DE 19805
UNITED STATES

Customer Information Number: 833-338-7668
SDSQuestion-NA@dupont.com

EMERGENCY TELEPHONE NUMBER
24-Hour Emergency Contact: 1-800-424-9300
Local Emergency Contact: 800-424-9300

2. HAZARDS IDENTIFICATION

Hazard classification
GHS classification in accordance with 29 CFR 1910.1200
Flammable aerosols - Category 2
Gases under pressure - Liquefied gas
Acute toxicity - Category 4 - Inhalation
Skin irritation - Category 2
Eye irritation - Category 2B
Respiratory sensitisation - Category 1
Skin sensitisation - Category 1
Effects on or via lactation
Specific target organ toxicity - single exposure - Category 3
Specific target organ toxicity - repeated exposure - Category 2 - Inhalation

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Material Safety Data Sheets

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Product name: GREAT STUFF ™ Gaps & Cracks Insulating Foam Sealant 12OZ HC EF SASTW QPTP48CT **Issue Date:** 06/29/2020

Label elements
Hazard pictograms

Signal word: **DANGER!**

Hazards
Flammable aerosol.
Contains gas under pressure; may explode if heated.
Causes skin and eye irritation.
May cause an allergic skin reaction.
Harmful if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
May cause respiratory irritation.
May cause harm to breast-fed children.
May cause damage to organs (Respiratory Tract) through prolonged or repeated exposure if inhaled.

Material Safety Data Sheets

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Product name: GREAT STUFF ™ Gaps & Cracks Insulating Foam Sealant 12OZ HC EF SASTW QPTP48CT **Issue Date:** 06/29/2020

Inhalation: Move person to fresh air. If not breathing, give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). If breathing is difficult, oxygen should be administered by qualified personnel. Call a physician or transport to a medical facility.

Skin contact: Remove material from skin immediately by washing with soap and plenty of water. Remove contaminated clothing and shoes while washing. Seek medical attention if irritation persists. Wash clothing before reuse. An MDI skin decontamination study demonstrated that cleaning very soon after exposure is important, and that a polyglycol-based skin cleanser or corn oil may be more effective than soap and water. Discard items which cannot be decontaminated, including leather articles such as shoes, belts and watchbands. Suitable emergency safety shower facility should be available in work area.

Eye contact: Immediately flush eyes with water; remove contact lenses, if present, after the first 5 minutes, then continue flushing eyes for at least 15 minutes. Obtain medical attention without delay, preferably from an ophthalmologist. Suitable emergency eye wash facility should be available in work area.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

Most important symptoms and effects, both acute and delayed:
Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed
Notes to physician: Maintain adequate ventilation and oxygenation of the patient. May cause respiratory sensitization or asthma-like symptoms. Bronchodilators, expectorants and antitussives may be of help. Treat bronchospasm with inhaled beta2 agonist and oral or parenteral corticosteroids. Respiratory symptoms, including pulmonary edema, may be delayed. Persons receiving significant exposure should be observed 24-48 hours for signs of respiratory distress. Exposure may increase "myocardial irritability". Do not administer sympathomimetic drugs such as epinephrine unless absolutely necessary. If you are sensitized to diisocyanates, consult your physician regarding working with other respiratory irritants or sensitizers. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. Excessive exposure may aggravate preexisting asthma and other respiratory disorders (e.g. emphysema, bronchitis, reactive airways dysfunction syndrome).

Installing Contractor Insulation Boot Camp

Lesson 20: Insulating Side Walls From Interior

Lesson Topics

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What we will cover:

- House 4 overview
- Insulating sidewalls from the interior
- Special situations when insulating sidewalls from the interior

Parts of a House: House 4

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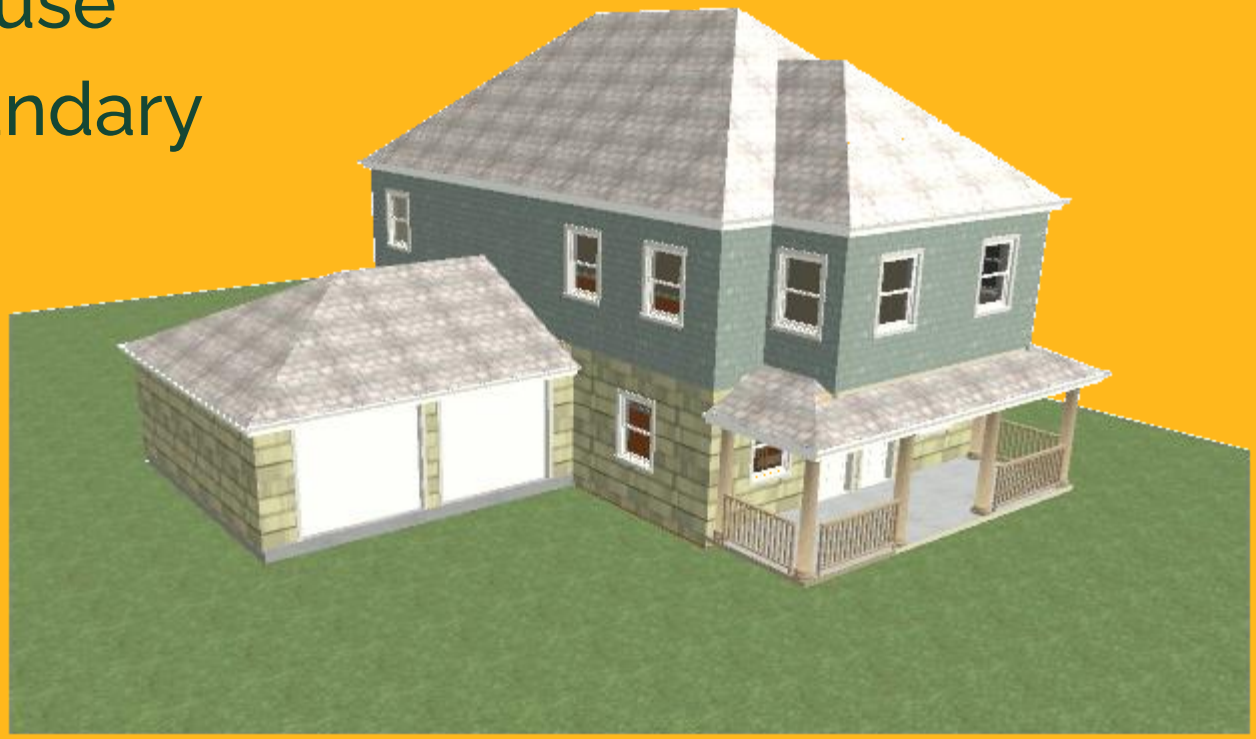
What we'll cover

- House 4 overview
- Parts of a house
- Thermal boundary exercise



House 4

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Built in 1890s

House 4 Callouts

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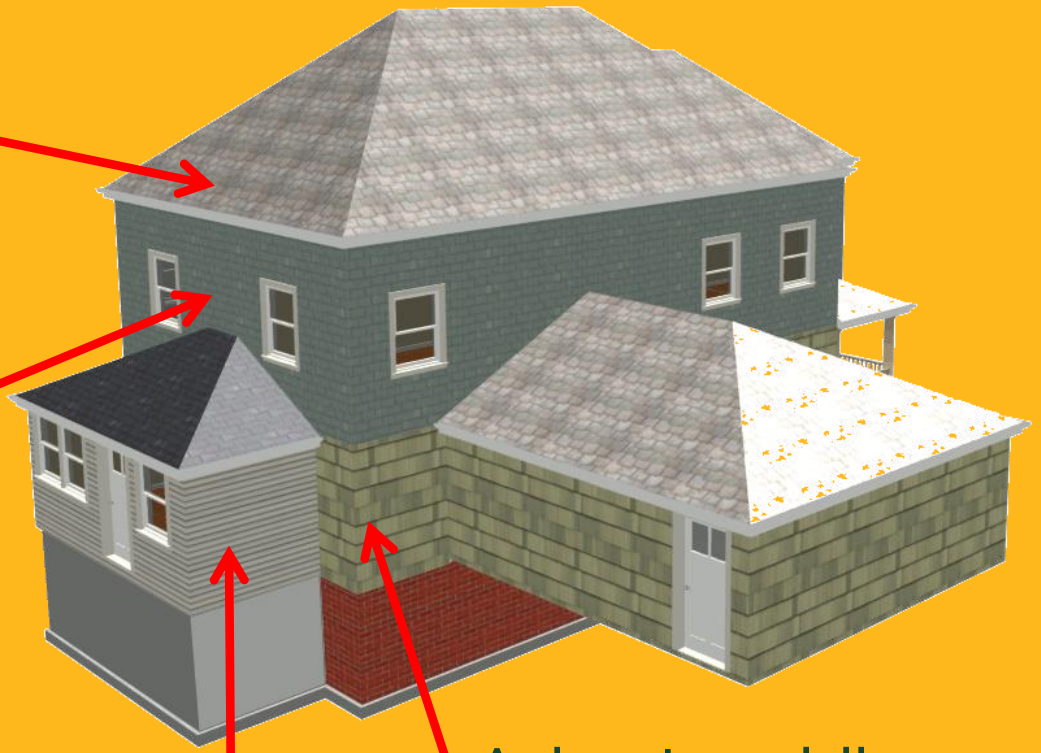
Slate roof

Asphalt shingles

Vinyl siding



Asbestos siding

House 4 Callouts

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Whole house fan

Attic pull-down stairs

Extended 2nd Floor

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Cantilever

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Limited Attic Access

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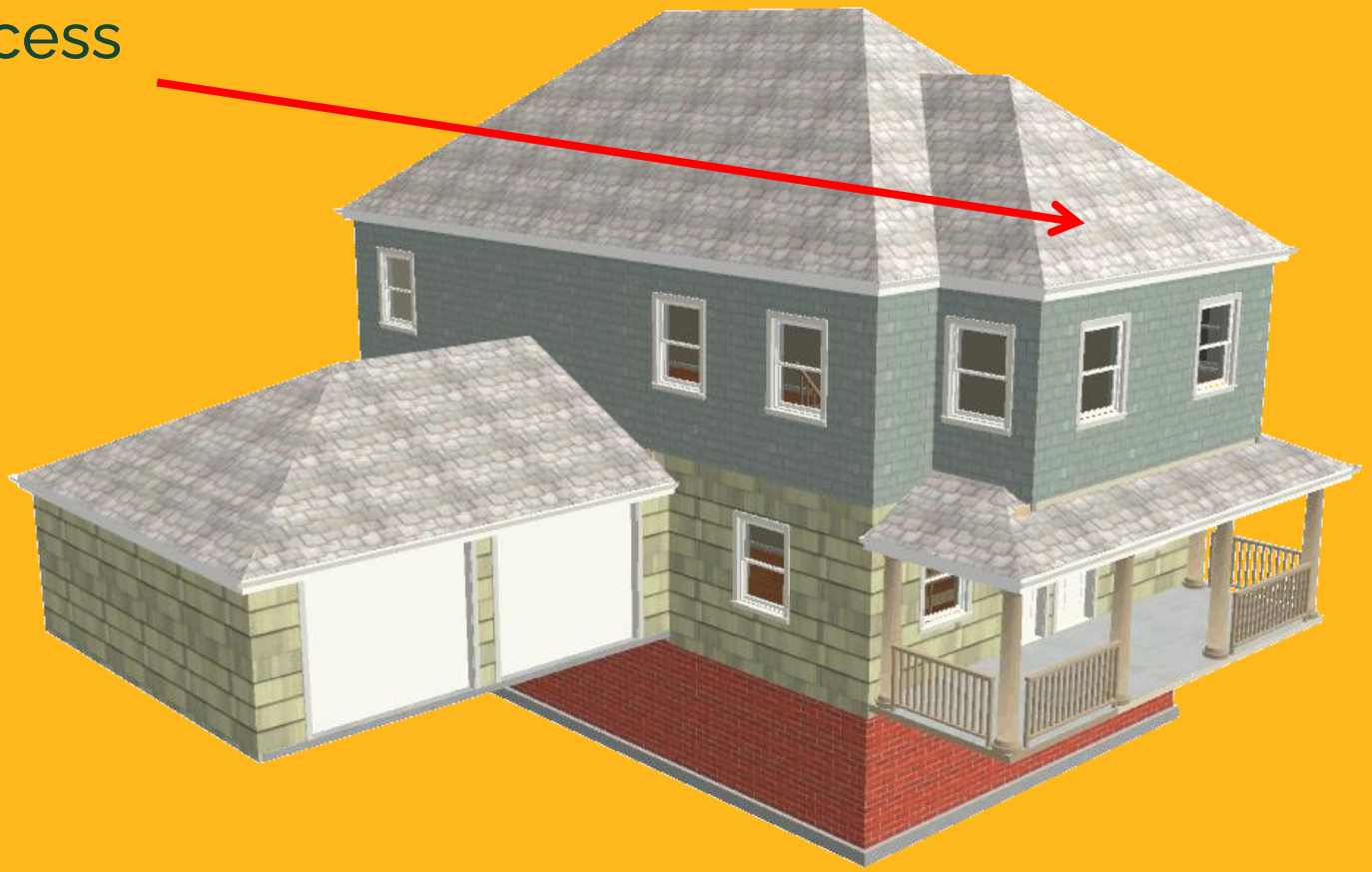
Difficult attic
to access



2nd Floor Opening

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Duplexes

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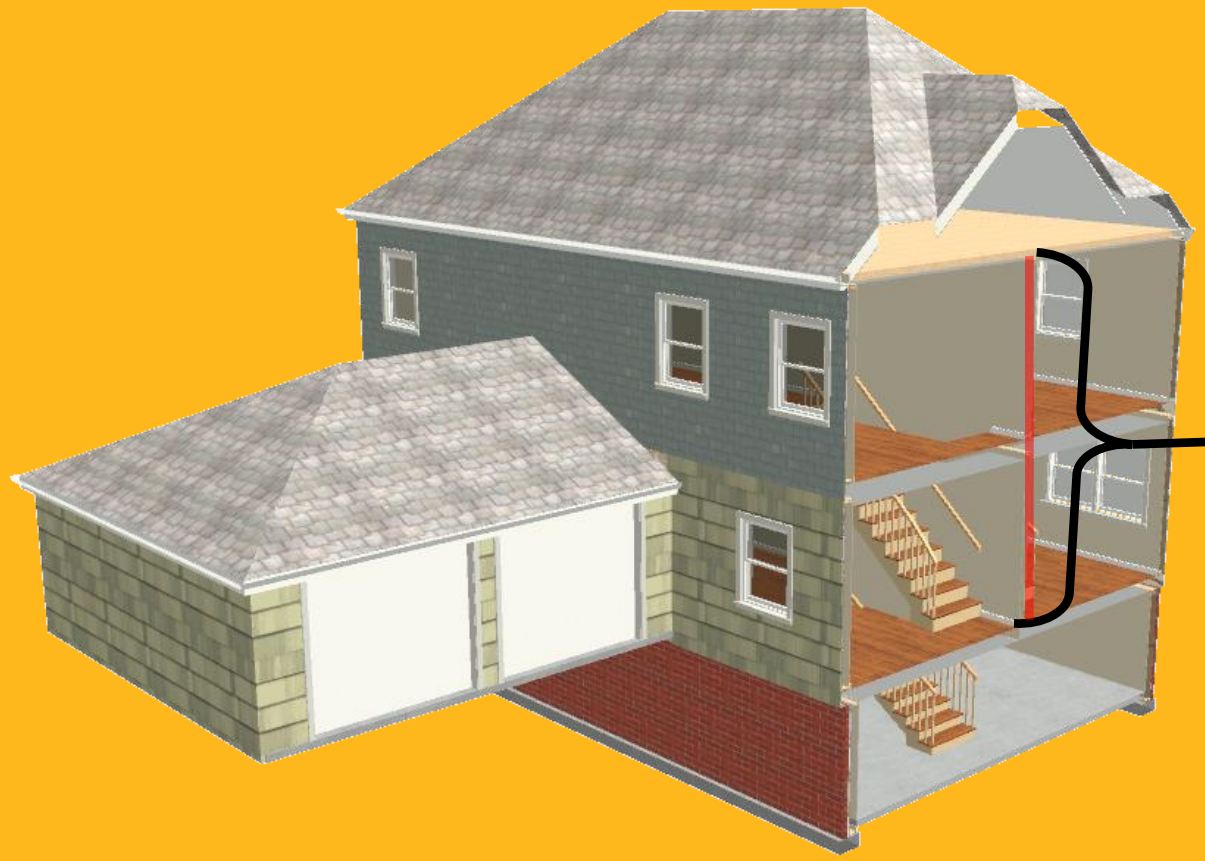

Garage

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Thermal Boundary Front

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Thermal Boundary Front

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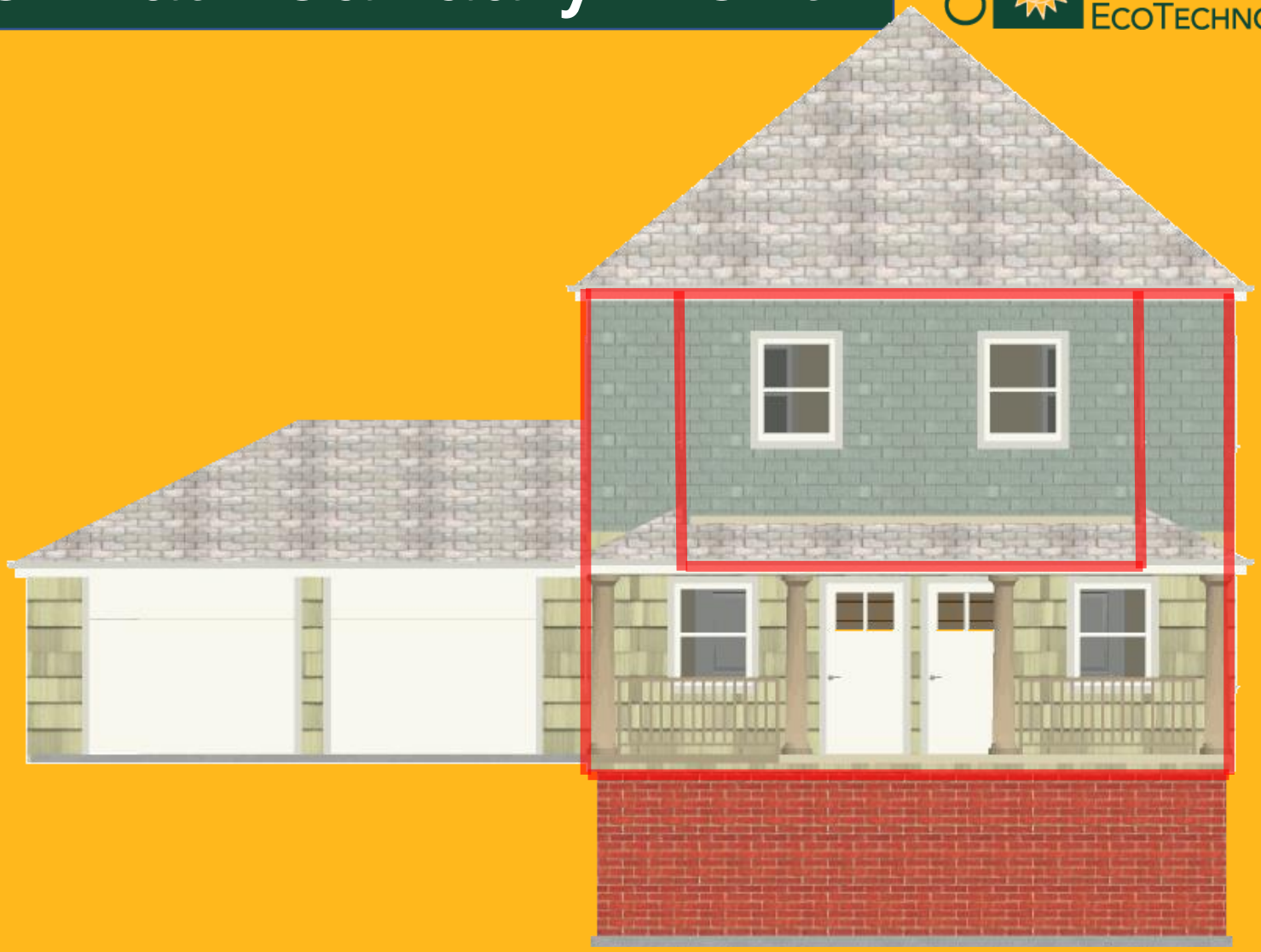

Thermal Boundary Left

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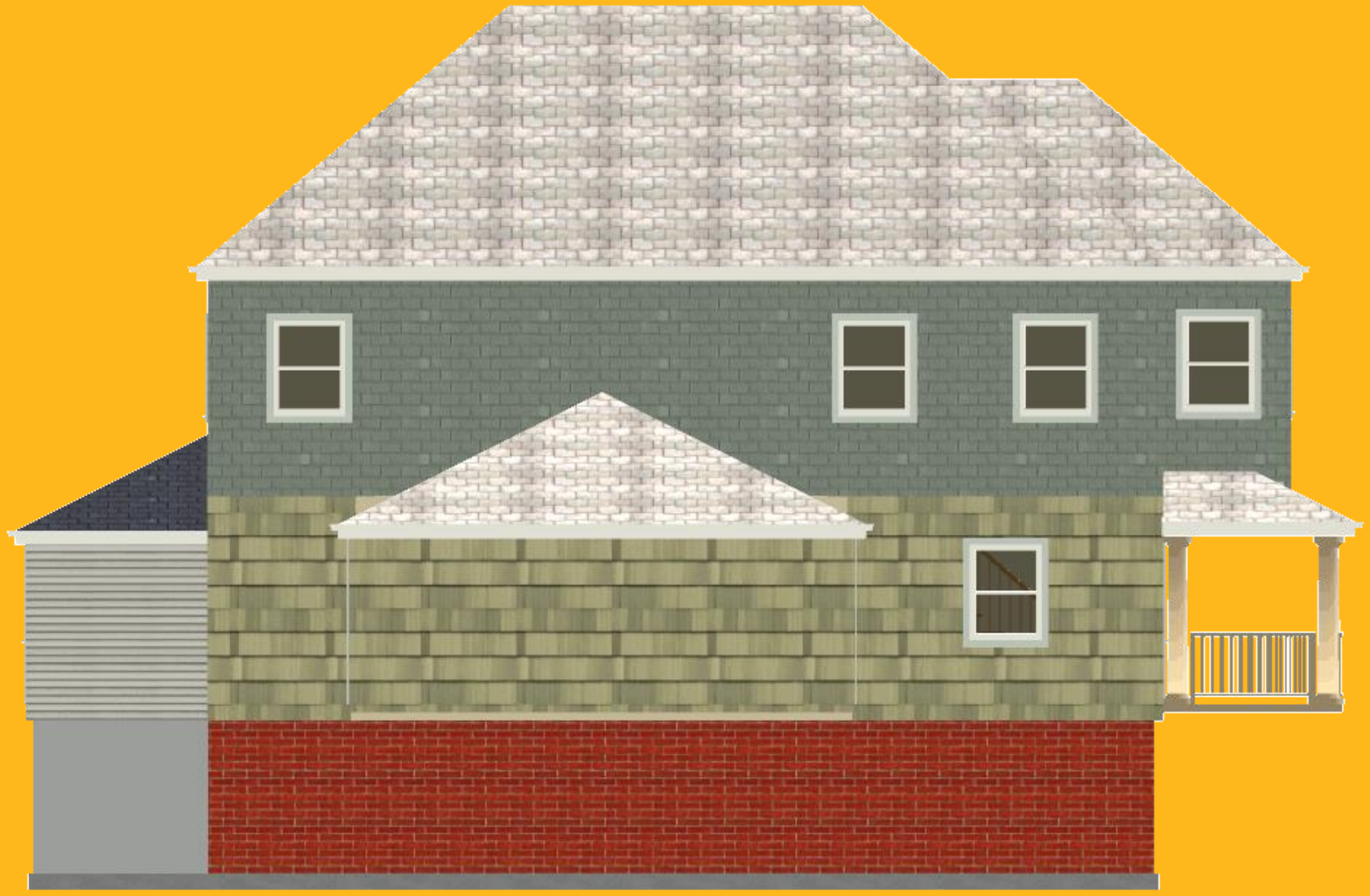

Thermal Boundary Left

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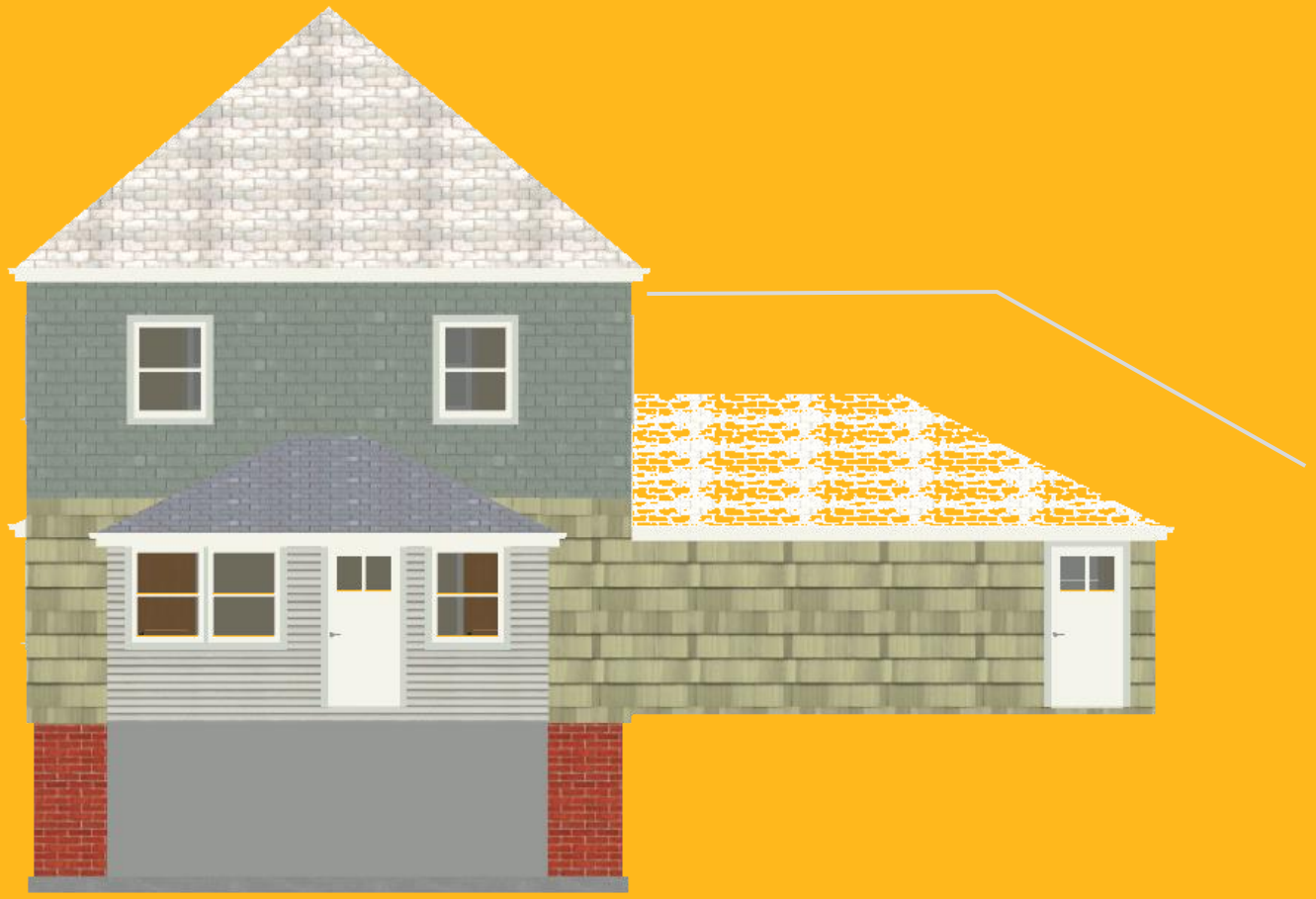
Thermal Boundary Rear

CET CENTER FOR ECOTECHNOLOGY



Thermal Boundary Rear

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Thermal Boundary Right

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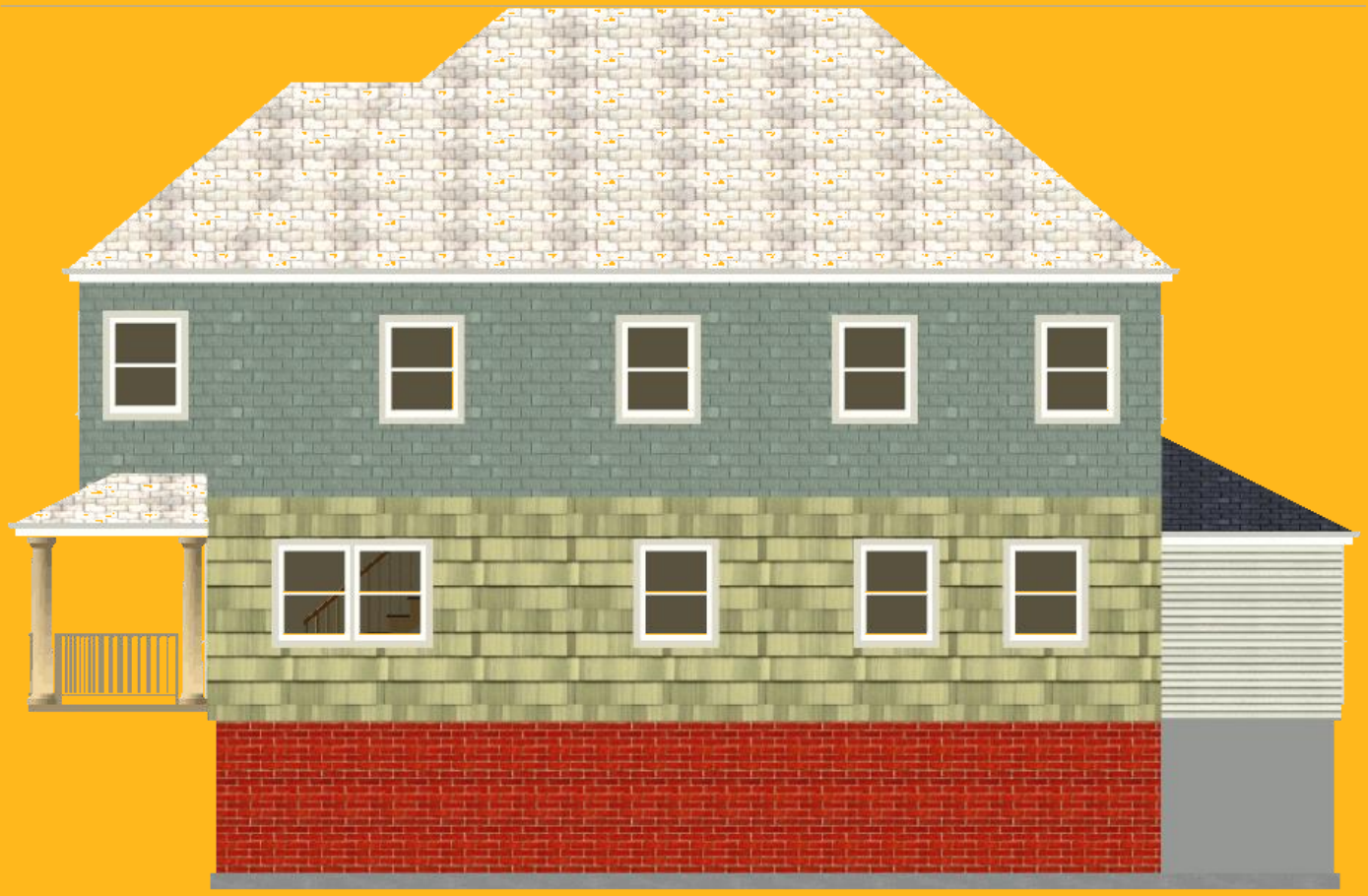

Thermal Boundary Right

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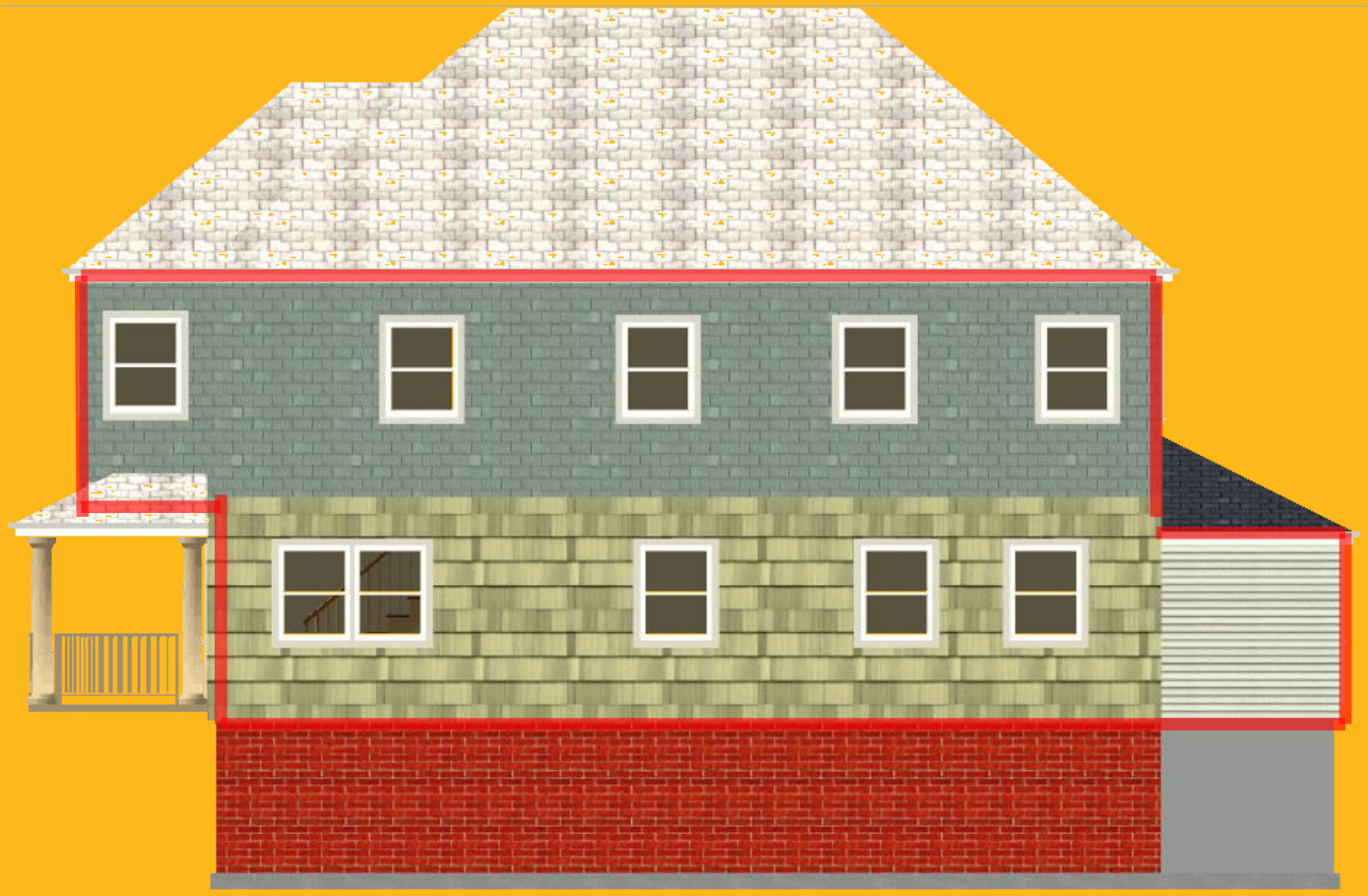

Interior Drilling

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Where to Drill?

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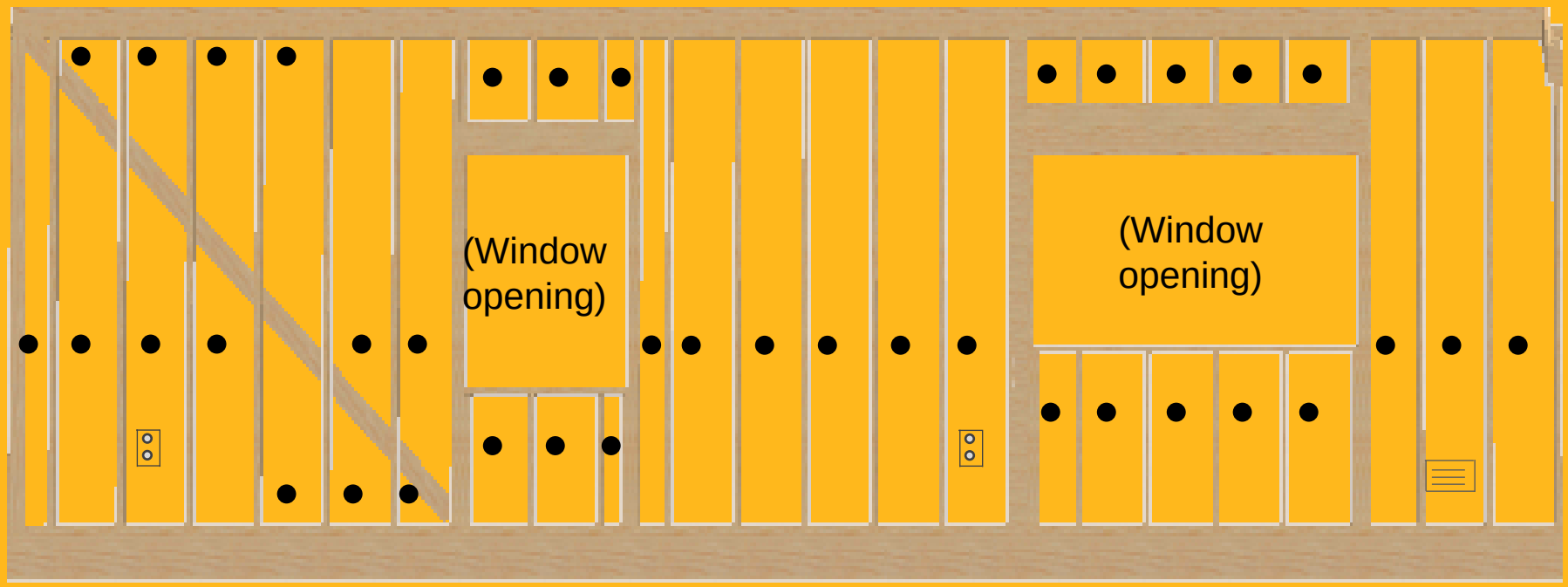

Detecting Blockages

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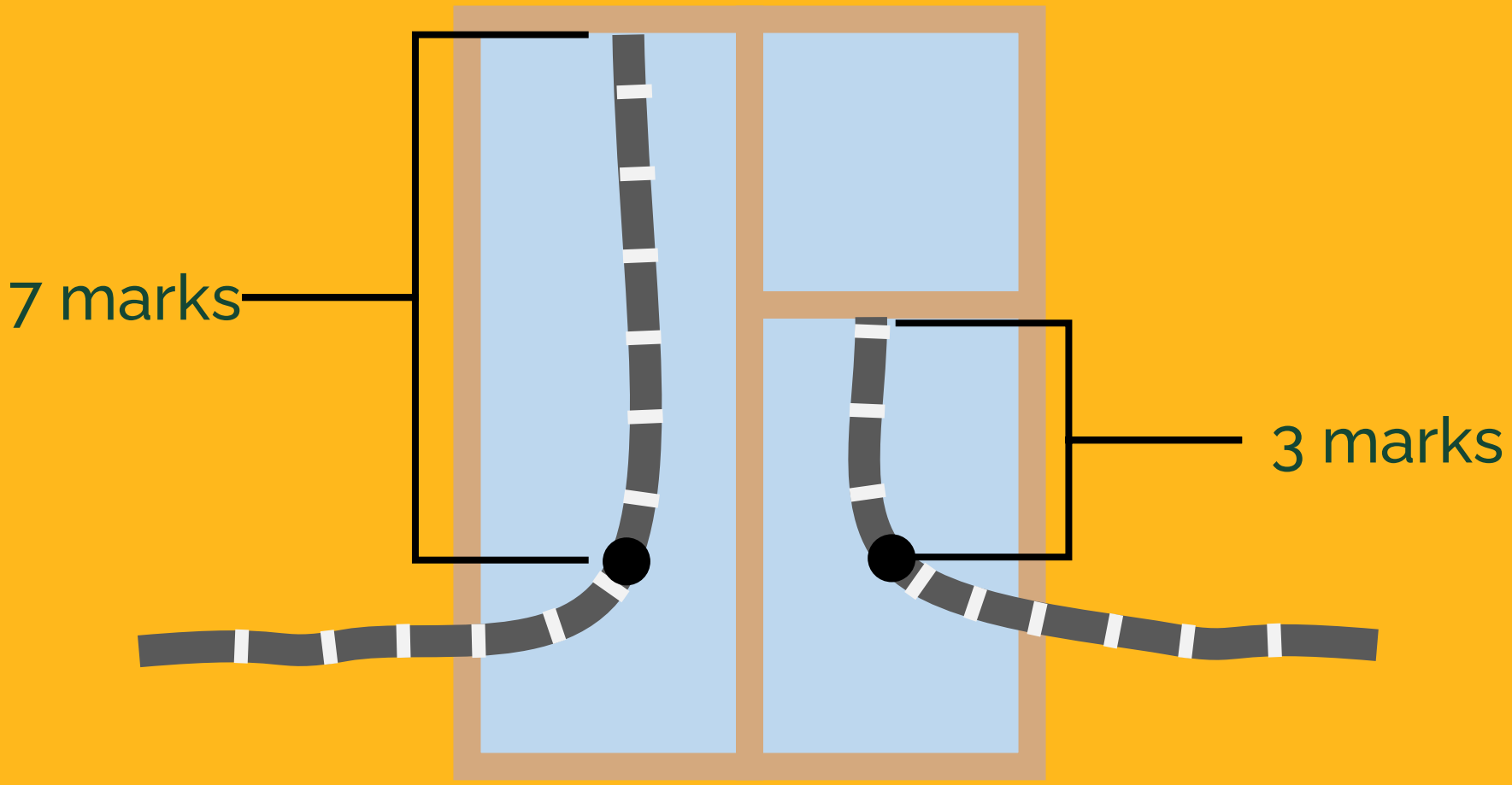

Dense-packing

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What to Avoid

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What to Avoid

CET CENTER FOR ECOTECHNOLOGY

Plugging

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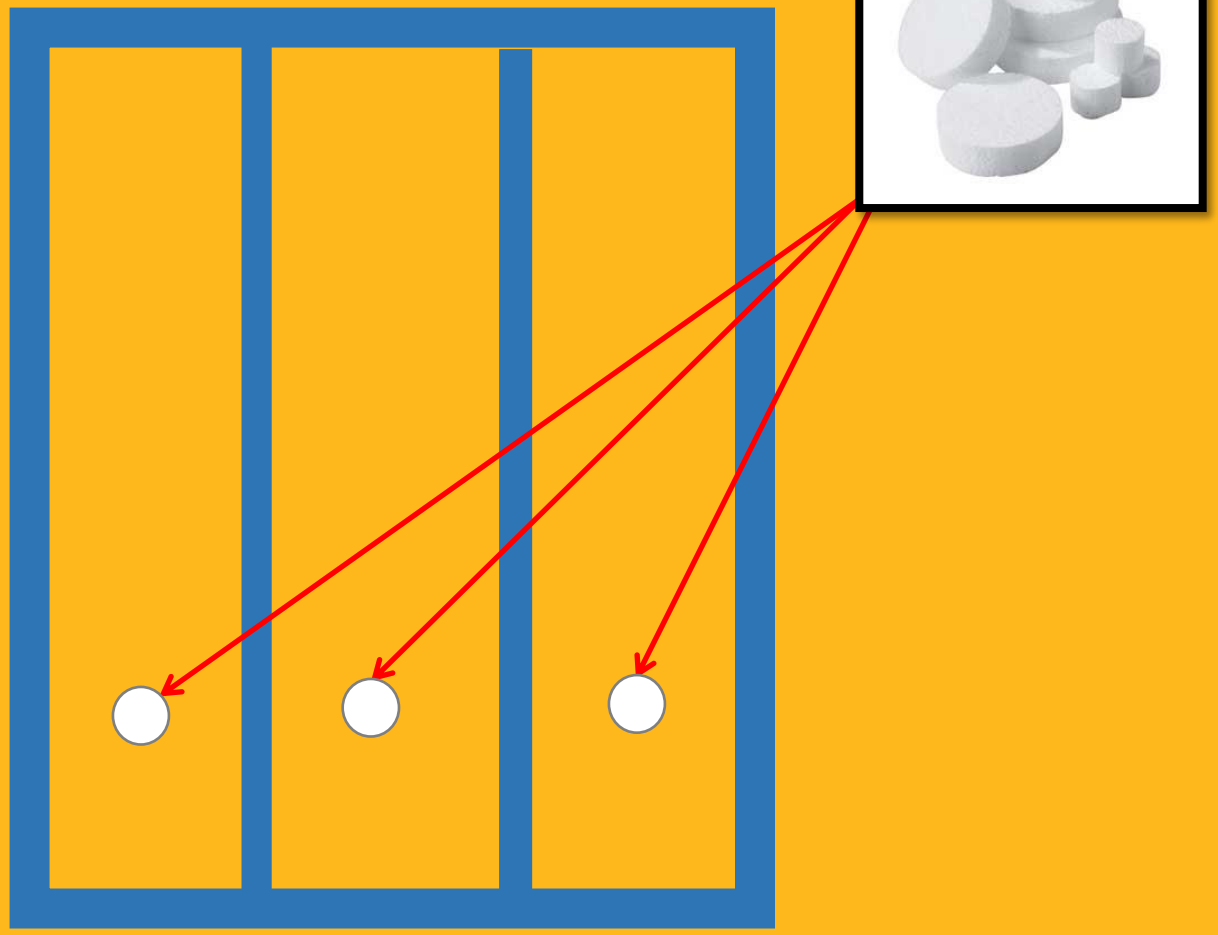

Patching

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Finish Work

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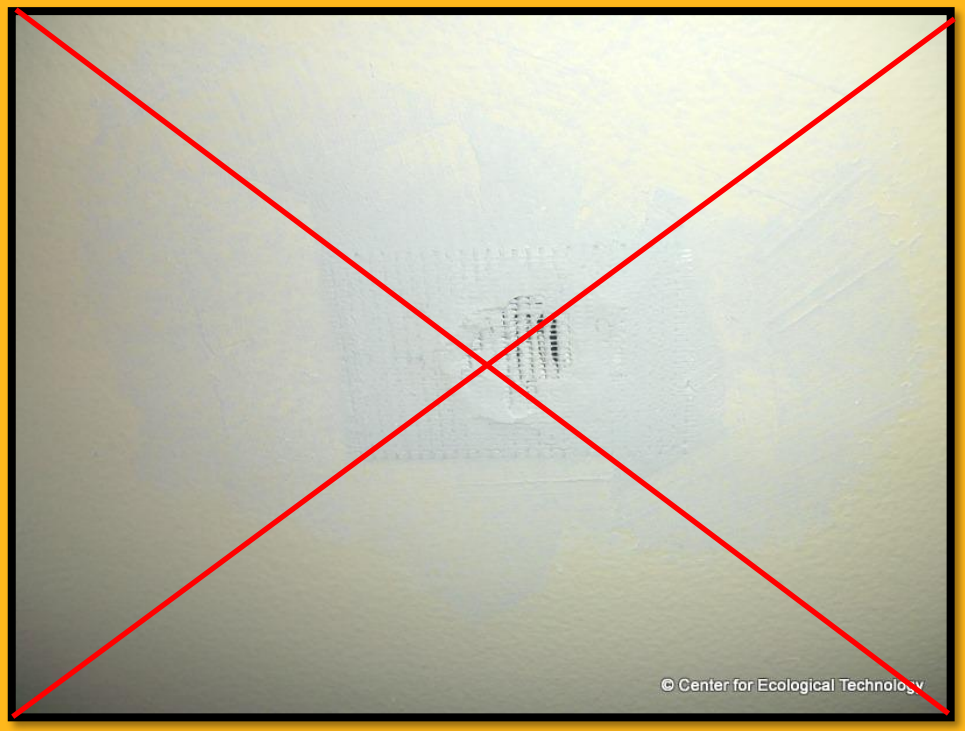

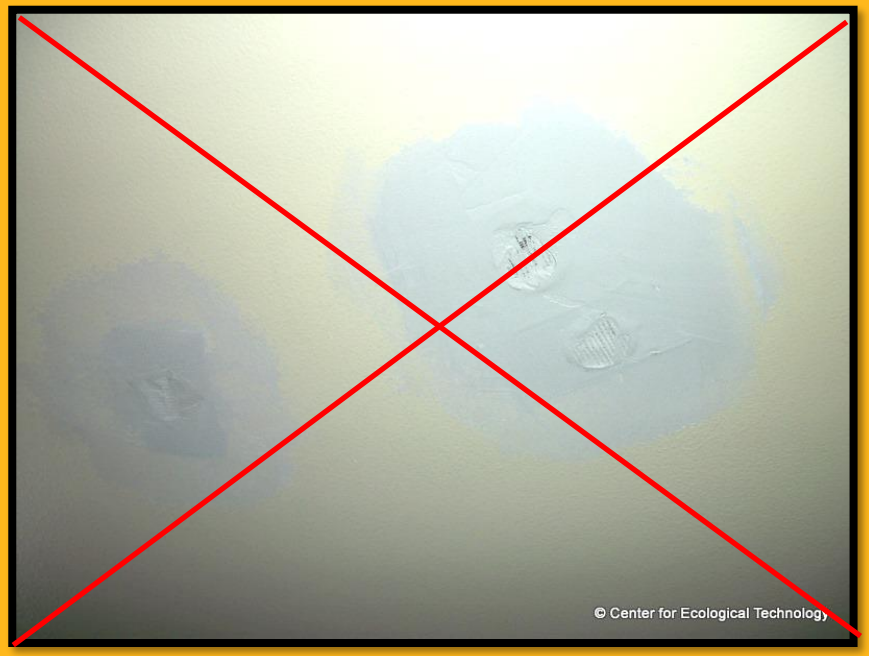

Wood Lath & Plaster

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Newly Painted & Wallpaper

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Paneled

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Interior Soffits

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Kitchens & Bathrooms

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Insulating: Two-Hole Method

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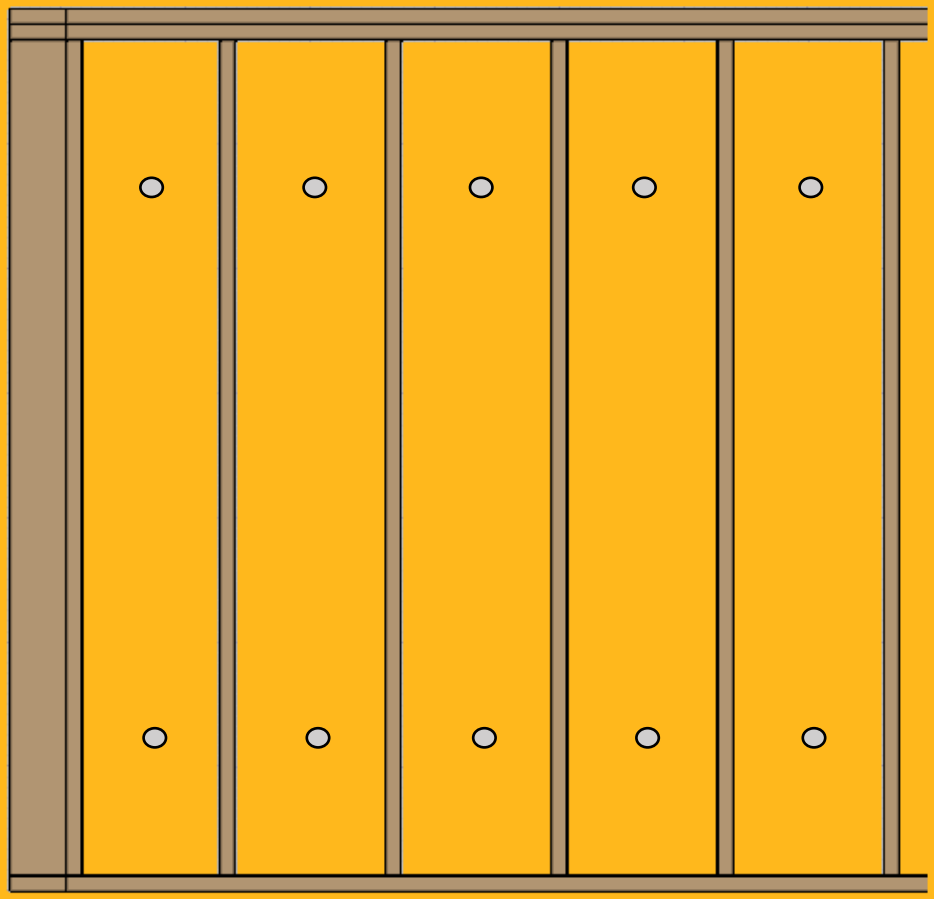
What we'll cover

- Overview
- Disadvantages
- How to perform two-hole method



Disadvantages

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Disadvantages of the two-hole method:

- May not achieve densities of one-hole method
- More prone to leaving insulation gaps in bay
- Requires more drilling and patching

Steps

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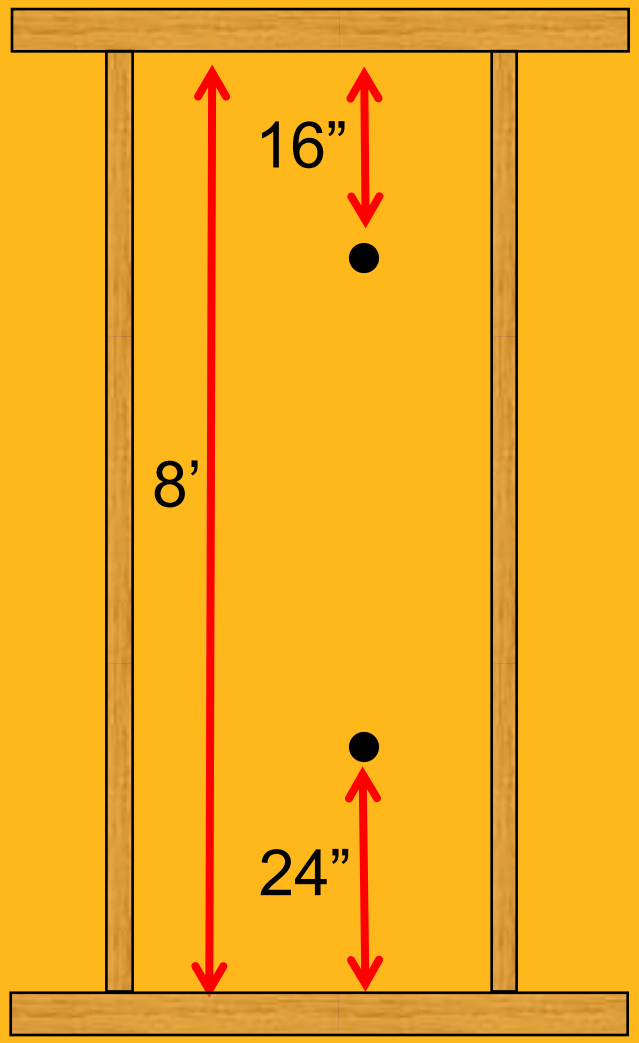
1. Drill the holes no more than 16” to 18” from top and 24” to 30” from the bottom of the wall bay



Steps

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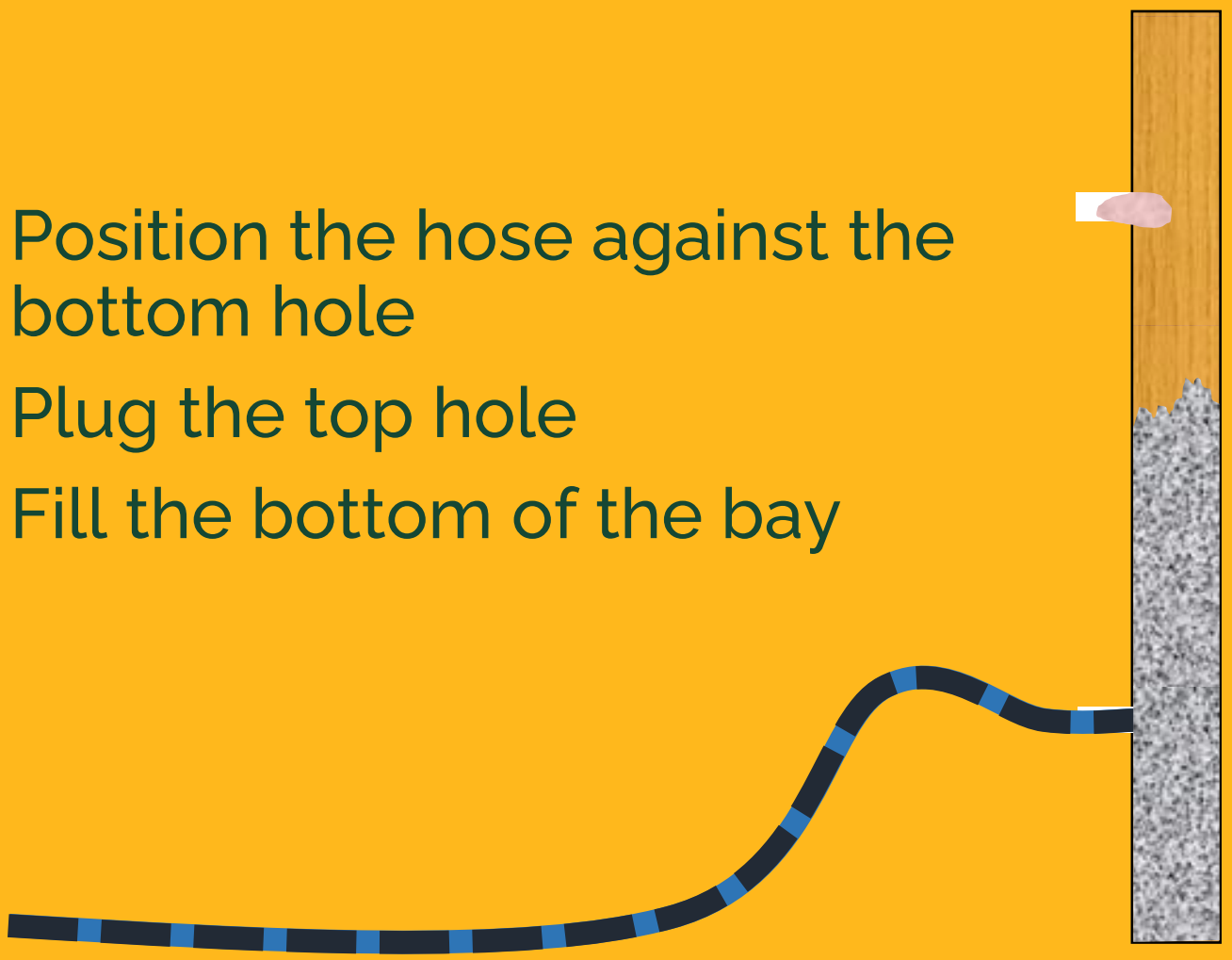
2. Position the hose against the bottom hole
3. Plug the top hole
4. Fill the bottom of the bay



Steps

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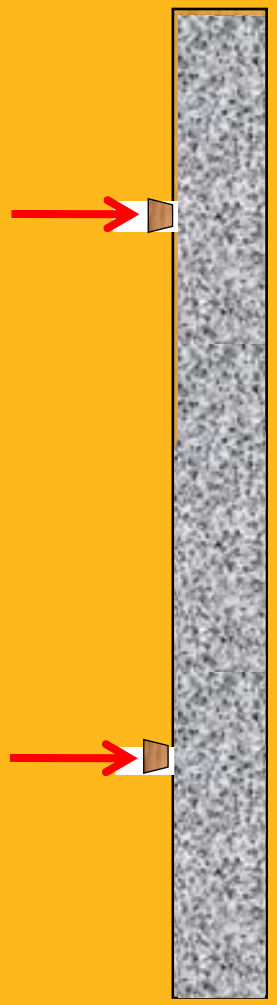
5. Position the hose against the top hole
6. Fill the top of the bay

Steps

7. Plug and patch the holes



Questions

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