


**INTERNATIONAL CFI**  
CERTIFIED FLOORING INSTALLERS

## Measuring and Details

Instructor – Kevin Keefe, CFI #10133  
Carpet MASTER II



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## Overview



**Job-site Measuring and Detailing**

- How to see the home through an installer's eyes.
- How the home environment can influence the installation.
- What to expect from the installation teams.



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## Understand the Job-site

**Job-site Observations**

- Exterior Details to Consider
  - How is landscape graded?
  - Construction – Is the home on a basement, crawl space or slab?
  - Gutters – Are trees overhanging the house?
  - Is there pavement or gravel?
  - How much of the exterior environment could get tracked through the house?

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## Understand the Job-site

**Job-site Observations**

- Interior Details to Consider
  - Windows
  - Dead Loads - Appliance Spacing, Marble Countertops
  - Live Loads
    - What is the total number of people living at the residence?
    - Is anyone handicapped?
  - How might the exterior environment get tracked through the house?



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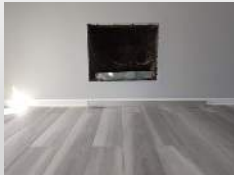
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## Floor Flatness

**Job-site Examination**

- Floor Flatness
  - 3/16" in 10 ft
- Expansion
  - Perimeter
- Environmental Conditions
  - Operating Temperature
  - Relative Humidity



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## Floor Joist

The Importance of the Floor Joist System



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## Floor Joist




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## Residential Construction

1800's



2000's



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## Subfloor



**Plywood Subfloors -**  
5/8" plywood is commonly used to build homes.



**Oriented Strand Board (OSB) Subfloors -** The standard thickness should be 23/32" if the spacing of the joists is up to 16" apart.



**Pressboard Subfloor -**  
Not approved for most hard surface flooring.

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## Heating System

**FORCED AIR SYSTEM**

The most common type of home heating system. A furnace or boiler heats air that is blown through ductwork into or from each room.

**STEAM RADIANT**

One of the oldest types of heating systems, steam radiant heating uses radiators in individual rooms.

**RADIANT HEATING**

Radiant heating, which can be installed in walls, under or over floors, transfers heat directly from hot water or glycol to the room's surfaces.

**HOT WATER BASEBOARDS**

Similar to radiant heating, hot water baseboards use water-filled systems that can be used to heat individual rooms and baseboard units.

**ELECTRIC BASEBOARDS**

A type of baseboard heater, electric baseboards use electrical energy instead of hot water to heat individual rooms and baseboard units.

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## Project Planning

### Proper Project Paperwork

- Legible Floor Plans
- Accurate Cut Lists
- Seam Placement
- Proper Transitions
- Moisture Readings from Measure Meeting

- Detailed Work Order
  - Furniture
  - Appliances
  - Removal
  - Access
  - Special Requests

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## Installer Expectations

**PROFESSIONAL**

- Organized Work Vehicle
- Dressed in Uniformed Attire
- Provides Solutions, Not Issues
- Provides Quality Installation That Follows Industry Standards
- Understands Scope of Project
- Leaves the Project in Exceptional Condition
- Great Customer Service

**UNPROFESSIONAL**

- Messy Work Vehicle
- Unkempt Appearance or Attire
- Lack of Communication
- Does Not Follow Industry Installation Standards
- Poor Attitude
- Cluttered Job-site
- Leaves Projects Incomplete

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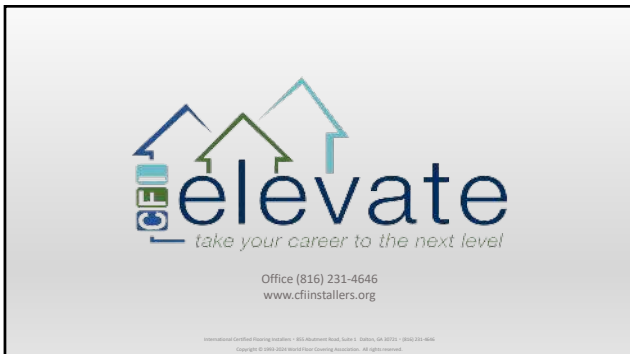
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