

**West Test Structure  
2nd Floor**

\*CH is 8'-0"

\*Exterior walls are 5" wide

\*Interior walls are 4.5" wide

**Legend**

- Thermocouple Trees; Bi-Directional Probes
- Thermocouple Trees
- Thermocouple Trees; Heat Flux Gauges
- Thermocouple Trees; Bi-Directional Probes; Gas Concentrations

The floor plan shows a complex layout with various rooms and corridors. Key features include:

- Dimensions:** Overall dimensions are 36'-10" by 20'-5". Room dimensions include 20'-10", 18'-11", 14'-11", 13'-5", 10'-5", 8'-5", 7'-5", 3'-11", 3'-8", 3'-8½", 6'-5", 9'-11", 14'-5", 15'-3", and 20'-5".
- Structural Features:** A central staircase with "UP" and "DOWN" directions. A "3'-0" X 6'-8" door" is located near the stairs. A "6'-0" X 6'-8" door" is located on the right side.
- Sensor Locations:**
  - A12: Thermocouple Trees; Bi-Directional Probes (Blue square)
  - A11: Thermocouple Trees; Bi-Directional Probes (Blue square)
  - A10: Thermocouple Trees; Bi-Directional Probes (Blue square)
  - A13: Thermocouple Trees; Bi-Directional Probes (Blue square)
  - A14: Thermocouple Trees; Bi-Directional Probes (Blue square)
  - A17: Thermocouple Trees; Heat Flux Gauges (Green circle)
  - A9: Thermocouple Trees; Heat Flux Gauges (Green circle)
  - A19: Thermocouple Trees; Heat Flux Gauges (Green circle)
  - A7: Thermocouple Trees (Red triangle)
  - A8: Thermocouple Trees (Red triangle)
  - A16: Thermocouple Trees (Red triangle)
  - A18: Thermocouple Trees; Bi-Directional Probes; Gas Concentrations (Orange hexagon)

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- Orientation:** The plan is oriented with North at the top, indicated by a north arrow.

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