

Advanced Energy Remote Inspection Instructions –

- Safety
 - A construction site has many trip/fall hazards
 - Please instruct the builder representative to be aware of their surroundings prior to performing an inspection
 - Wear appropriate PPE as necessary (not limited to):
 - Bump cap/hard hat
 - Safety shoes
 - Gloves
 - Eye protection
 - Face mask/respirator
 - Do not take photos in a compromised position
 - Do not review plans or checklist while walking the site
 - Do not enter a confined space if uncomfortable or unable
- Remote Inspection Overview
 - The SystemVision rater shall coordinate a time and date to remotely meet a builder representative via phone/video conferencing platform.
 - The SystemVision rater shall have access to the following:
 - Reliable phone/internet connection
 - SystemVision database
 - Building plans
 - SystemVision checklist
 - The builder representative shall have access to the following:
 - Understanding of building components
 - SystemVision checklist
 - Reliable phone/internet connection
 - Camera
 - Ability to send photos to rater within 1 business day of inspection
 - Rater MAY NOT mark the home as passing without receiving and confirming photos comply with SystemVision standards
- Inspection Process-Framing and Insulation
 - The SystemVision rater will be responsible for guiding the builder representative to identify and photo document the following:
 - Front elevation of home
 - Confirmation of plan type
 - Any modifications/deviations from envelope evidenced on plan such as windows, storage rooms, foundation types etc.
 - All framing and insulation checklist items must be confirmed individually
 - Any items that may not be compliant must be documented with a photo
 - Additionally, the following must be documented with a photo:
 - Typical exterior wall assembly (from inside the home)
 - Typical air sealing measures at the following:
 - Electrical, plumbing, and HVAC penetrations

- Behind tubs or showers
 - Under stairs (if applicable)
 - Top plate to drywall connection (sill seal or similar product)
 - Insulation under attic platforms (if applicable)
 - Radon ready pipe
- Inspection Process-Final
 - The SystemVision rater will be responsible for guiding the builder representative to identify and photo document the following:
 - Front, left, rear, and right elevations of home
 - Confirmation of plan type
 - Any modifications/deviations from envelope evidenced on plan such as windows, storage rooms, foundation types etc.
 - All applicable final inspection checklist items must be confirmed individually
 - Performance testing will not occur during the remote inspection
 - Performance testing will occur at a later date when SystemVision rater feels comfortable performing a site visit
 - Testing must occur within 3 months of receiving SystemVision certificate unless indicated by Advanced Energy
 - Any items that may not be compliant must be documented with a photo
 - Additionally, the following must be documented with a photo:
 - All mechanical equipment model numbers
 - All appliance model numbers
 - Indication of attic insulation level (tape measure or attic marker)
 - Mechanical ventilation control
 - Mechanical ventilation filter slot
 - Presence of the following in a sealed crawlspace (if applicable)
 - Dehumidifier or supply air
 - Continuous vapor barrier
 - Insulation on crawlspace walls or floor
- The SystemVision rater must submit completed SystemVision checklists and reviewed documentation within two business days of receipt from the builder representative.
 - In addition to the SystemVision checklist please upload a zipped file to the database of each virtual inspection.
 - Advanced Energy may request additional information/documentation from the SystemVision rater at their discretion.