

Advanced capture requirements for Elevation Drawings



ADDITIONAL RESOURCES



Tutorial:
10 min video



Masterclass:
1 Hour video

PROJECT FOLDER STRUCTURE

(Note: [Hide vertical floors](#) once iGUIDE is delivered)

- ☐ Main Floor (typical, horizontal scans)
- ☐ 2nd Floor (typical, horizontal scans)
- ☐ Basement (typical, horizontal scans)
- ☐ Roof (typical, horizontal scans)
- ☐ Main Floor Interior Vertical
- ☐ 2nd Floor Interior Vertical
- ☐ Basement Interior Vertical
- ☐ Main Exterior Vertical

MAIN FLOOR AND EXTERIORS

- ☐ Capture normal and vertical camera orientations
- ☐ Take transition shots at entrances with door open/closed on interior and exterior
- ☐ Capture external elevations with camera facing windows/doors
- ☐ Repeat transition shots for any additional entrances

INTERNAL VERTICALS

- ☐ Create a separate floor scan called "Interior Verticals"
- ☐ Capture vertical slices wherever there are ceiling height changes or complex ceilings
- ☐ Minimum of one vertical slice per room

EXTERIOR VERTICALS

- ☐ Create a separate floor scan called "Exterior Verticals"
- ☐ Capture vertical elevation slices from 5, 10, and 15 feet away from the building
- ☐ Minimum of two elevation slices (e.g. front and back)
More if roof is multi-level
- ☐ Capture all sides if it's a standalone building

CEILING TILES

- ☐ Remove 3 ceiling tiles in one area – make sure there is a clear line of sight to the ceiling/roof.
- ☐ Capture normal and vertical camera orientations in this area
- ☐ Elevate the camera to capture data above the ceiling plane horizontally (use a tall light stand)

ASSET TAGGING

- ☐ **Tag important assets:**
 - ☐ HVAC units,
 - ☐ Water heaters,
 - ☐ Electrical panels,
 - ☐ Other: _____
- ☐ **Tag exterior equipment like:**
 - ☐ Gas meters
 - ☐ A/C units
 - ☐ Hydrants
- ☐ Use tags to document critical dimensions of structural elements

ROOF PLAN

- ☐ Capture the outline of the roof in normal camera orientation
- ☐ Tag and capture data for rooftop equipment like A/C units