Agilis Parallel Networks - Installation Instructions

General Information

- Agilis beams & baffles are vertical & horizontal, fabricated aluminum profiles made from .041" - .060" thick aluminum sheet, design dependent.
- These ceilings are offered in traditional rectangular, elevations, shuffle and networks styles. See the product data page for dimensions of each type.
- Agilis Parallel Networks are designed to be suspended from structure with cable.
- Metal Ceilings are engineered for use in seismic areas when installed in accordance with local code requirements.

Site Conditions

- Baffles not to be used in exterior applications or high moisture environments where water comes in direct contact with the baffle.
- Install only after spaces are enclosed and weather-tight, and after all wet work and overhead work have been completed.

Storage & Handling

- Do not store or install near an exposed flame, source of heat, or source of ignition.
- Store horizontally in the original carton in a dry, interior space. Clean gloves must be used to avoid fingerprints. When removed for install, the vertical panels should be stored in a flat, horizontal position.
- Recommended that two people install each 8' baffle.

Fire Performance

- Agilis is manufactured to meet ASTM E-84 Class 1 or A fire retardancy. Baffles may interfere with fire sprinkler or fire detection system. Consult a fire protection engineer, NFPA 13, and their local code official for guidance on the proper installation.

Warranty

- A 1-year limited warranty is available. Please consult www.maxxitgroup.com for details.

Colors

- Agilis is made with a factory-applied polyester paint. Available in Standard Colors, Color Matched and Wood Look powder-coated and film finishes.
- To maximize visual consistency, baffles should be unpacked and examined collectively to determine the most desirable arrangement for installation.

Cutting Baffles

- Agilis baffles are made of aluminum that can be cut with commonly available tools.
- Cut the baffle using standard wood working tools and, where possible, a straight edge. A table saw is recommended for straight cuts and a band saw for curved cuts. In general, these practices will be typical of those employed in finish carpentry.
- Circular saws should use a multi-purpose blade. For best finished cut quality use a straight edge guide and maintain a constant feed rate. Stop the blade motion before backing the saw out of the cut.

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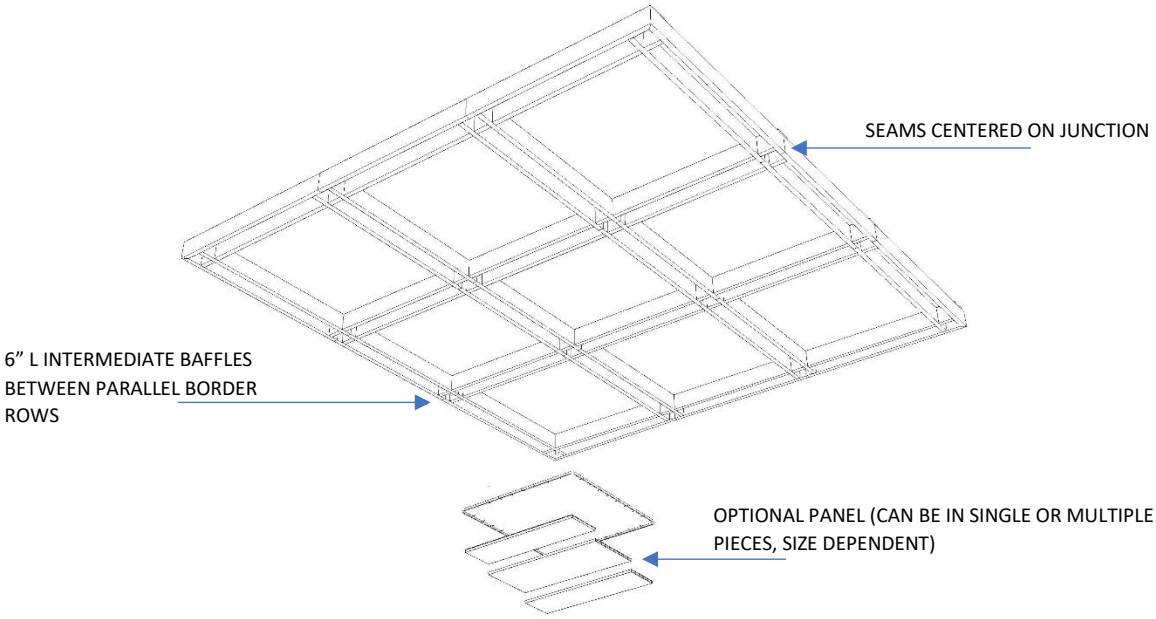
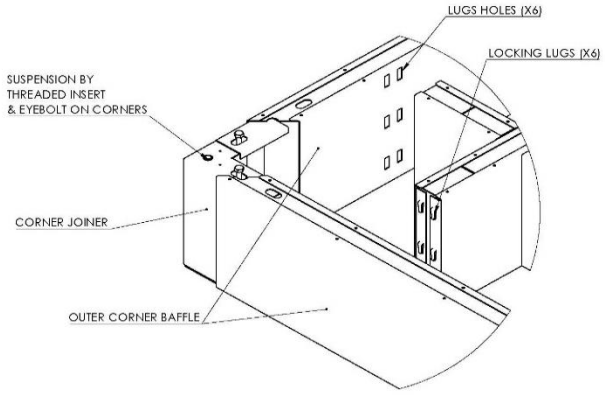
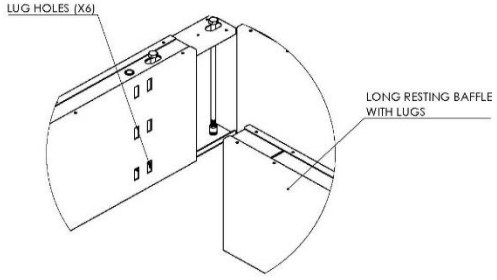
Creates open cell designs that can be configured to architectural elements and special consideration.

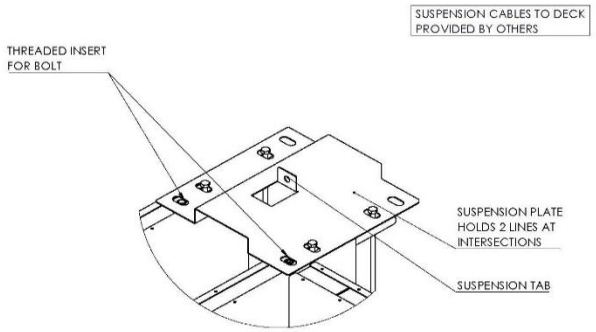




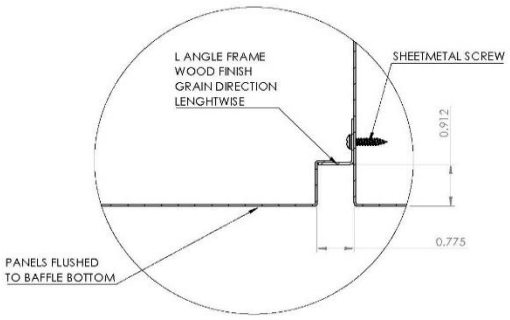
DETAIL A - OUTER CORNER AND CONNECTING BAFFLE



DETAIL B - MAIN BAFFLE LINE AND INTERMEDIATE BAFFLE



DETAIL C - SUSPENSION PLATE AT INTERSECTIONS



DETAIL D - IN LAY PANELS

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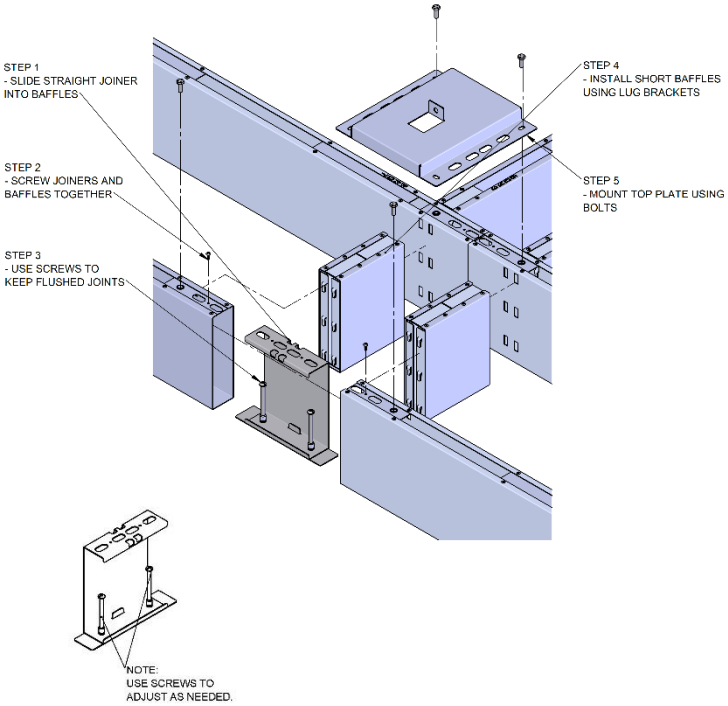
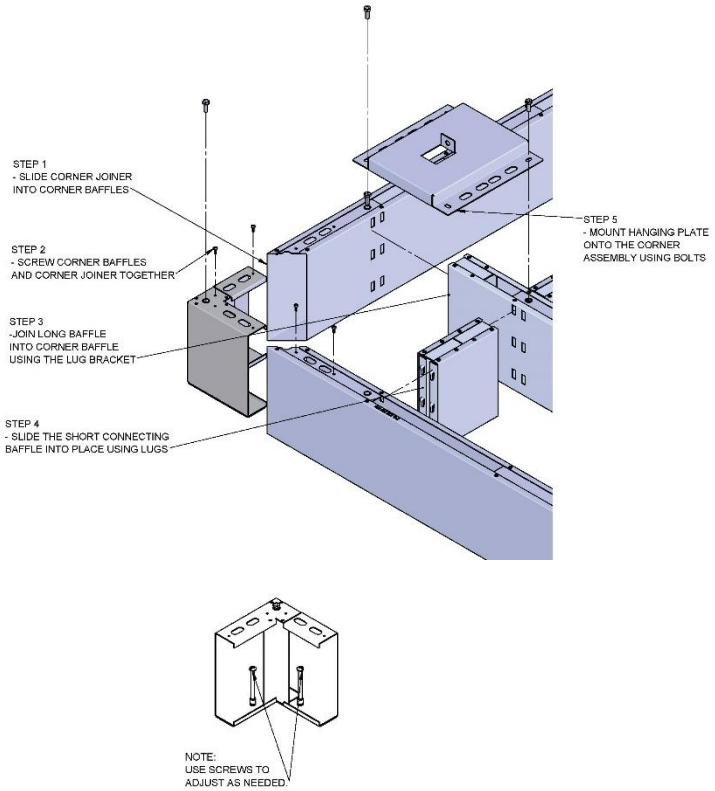
Straight Baffles Assembly

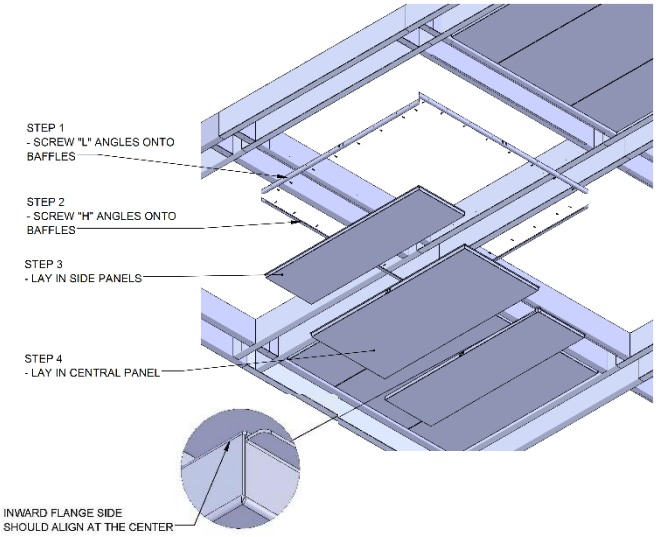
- Step 1 - Slide straight joiner into baffles
- Step 2 - Screw joiners and baffles together
- Step 3 – Use screws to keep flushed joints
- Step 4 – Install short baffles using lug brackets
- Step 5 – Mount top plate using bolts





Panel Installation

- Step 1 – Screw angles onto baffles
- Step 3 – Lay in side panels
- Step 4 – Lay in central panel



Corner Installation

- Step 1 - Slide corner joiner into corner baffles
- Step 2 – Screw corner baffles and corner joiner together
- Step 3 – Join long baffle into corner baffle using the lug bracket
- Step 4 – Slide the short connecting baffle into place using lugs
- Step 5 – Mount hanging plate onto the corner assembly using bolts

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CEILINGS & WALLS

MEP Integrations

- Mechanical fixtures such as lights and sprinklers can be installed at the suspension system height, flush with the bottom of the baffles, or below the bottom of the baffle. Fixture weight must not be supported by the felt baffles or HD grid suspension.

Before installing, please note.

In addition to these instructions please refer to the publications referenced below for full details on industry accepted practices and requirements.

- ClSCA "Ceiling Systems Handbook"
- Standard for Ceiling Suspension System Installations - ASTM C 636
- Standard for Ceiling Suspension Systems Requiring Seismic Restraint - ASTM E 580
- IBC (International Building Code) Standard for Seismic Zone for local area.

For addition question or assistance

Please contact us at: www.maxxitgroup.com