



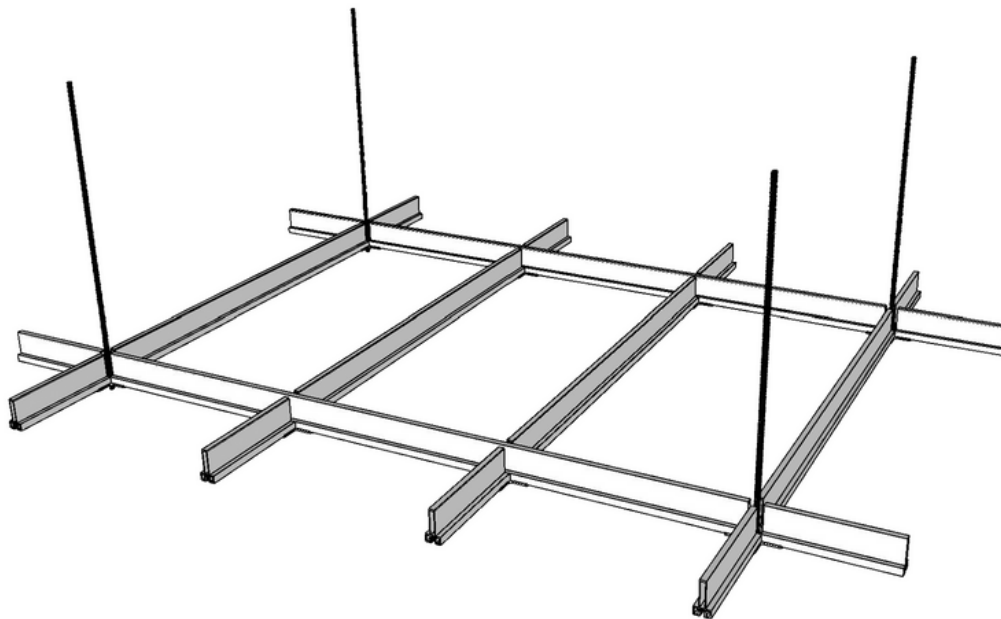
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Installation Guide

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Sequence of Installation

1. Prepare the roof with support Point - Typically rows of strut to precast tees or to truss/beams
2. Add the perimeter wall angle using laser for setting elevation.
3. Hang the rods, cut to 1" below ceiling elevation using laser guide. Add upper nut at ceiling elevation.
4. Build assembly table/jig for making 4'x12' grid sections.
5. Assemble 4'x12' grid sections
6. Install 4'x12' grid sections spaced every other 4', secure with washer and nut to rods.
7. Install 4' cross tees between 4'x12' grid sections.
8. Add edge trim to perimeter.
9. Add wall angle trim pieces between edge tees.



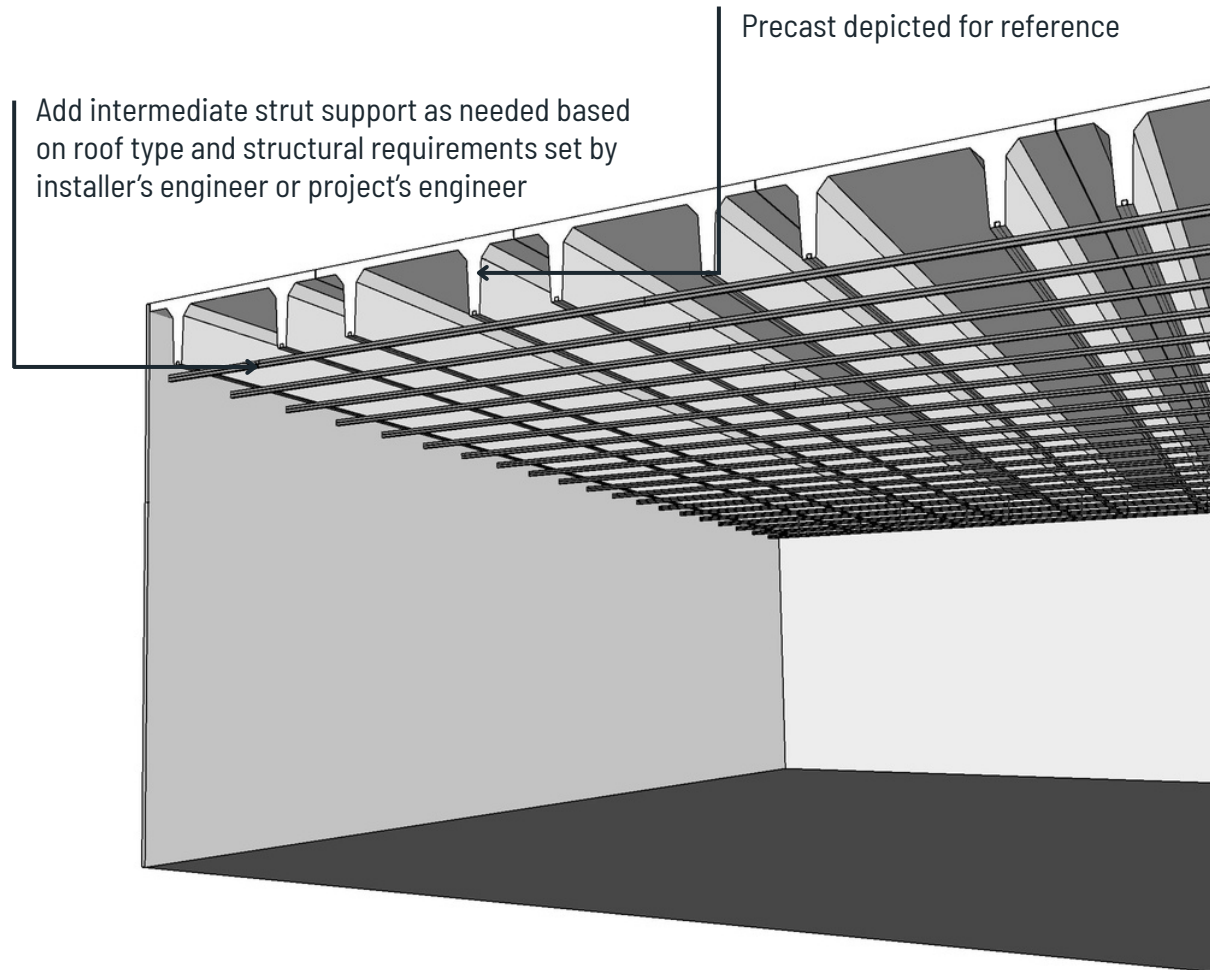
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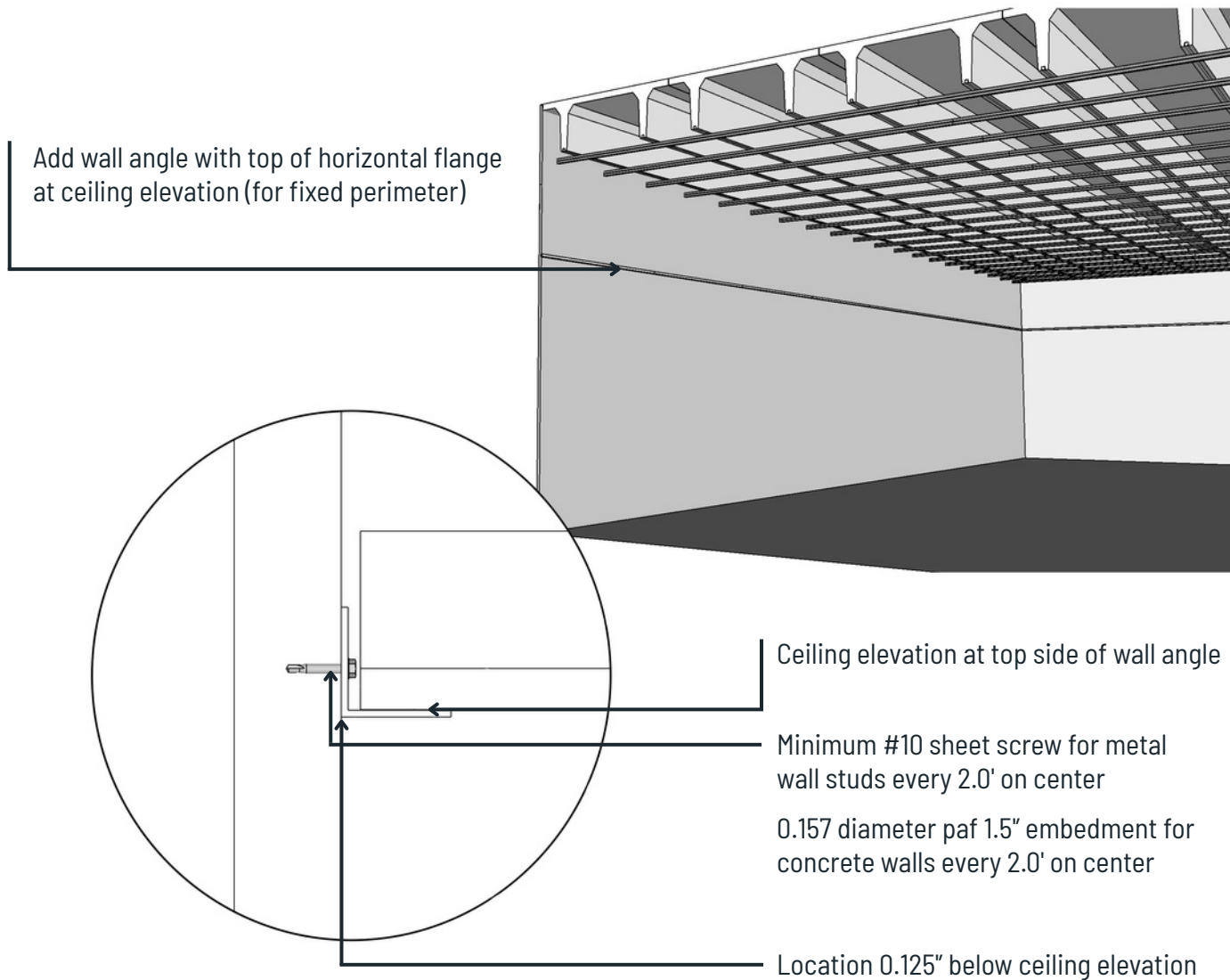
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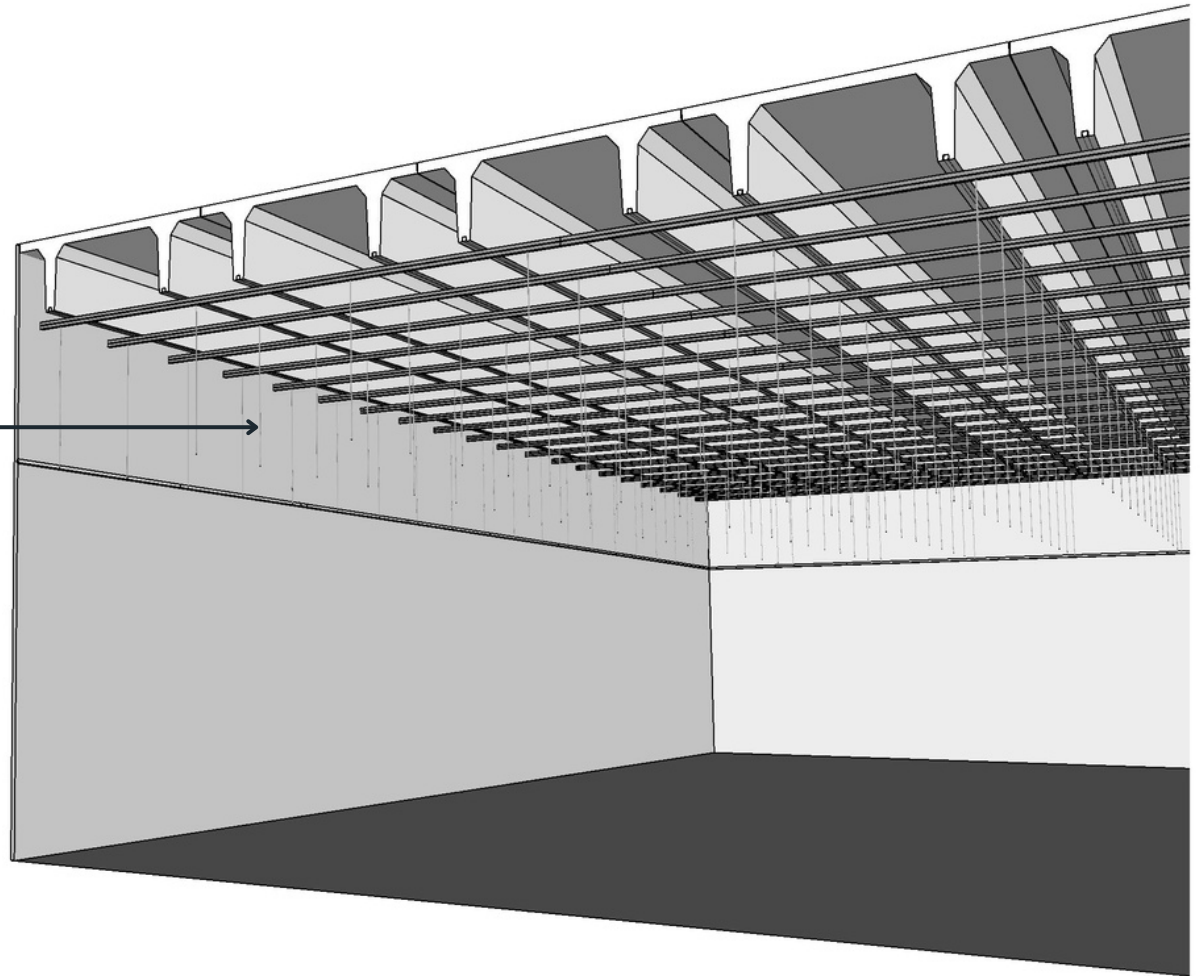
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Hang threaded rod from unistrut. Selection of rod size by installer's engineer or project's engineer. Cut rod to approximately 1" below ceiling elevation





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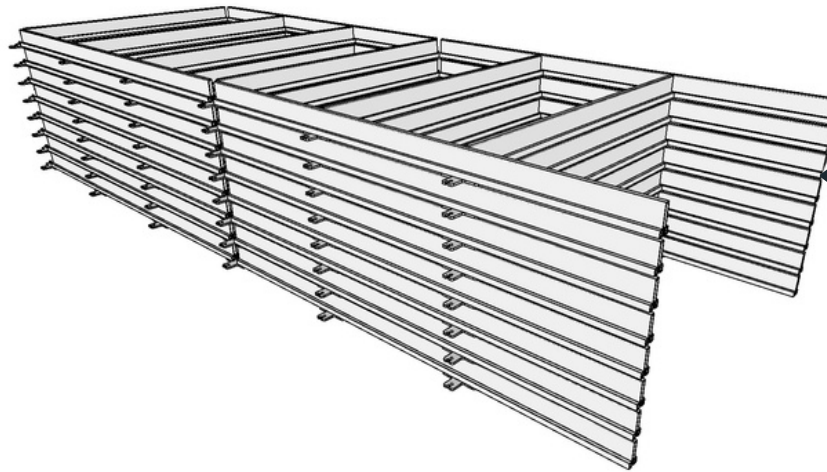
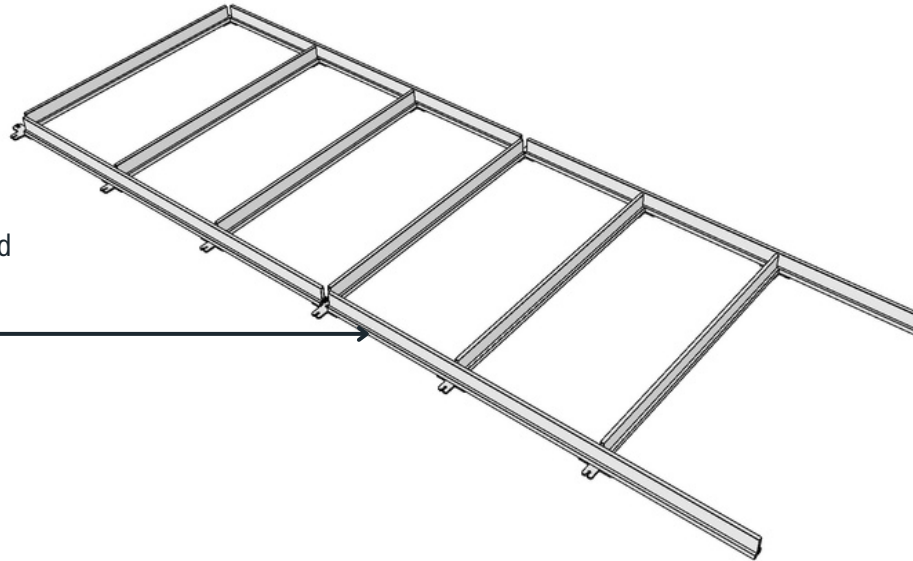
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Pre-assemble 4'x12' grid sections build assembly table/jig for this



Stack and stage grid sections as needed.
Brackets protect bottom surface from
scratching while stacked



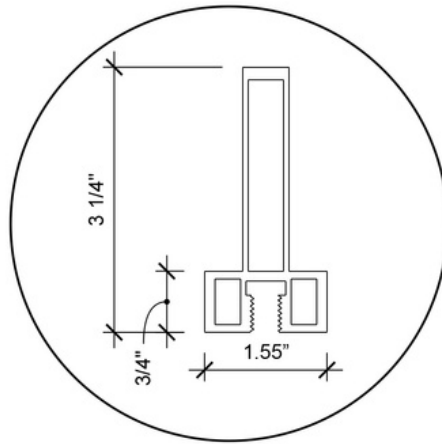
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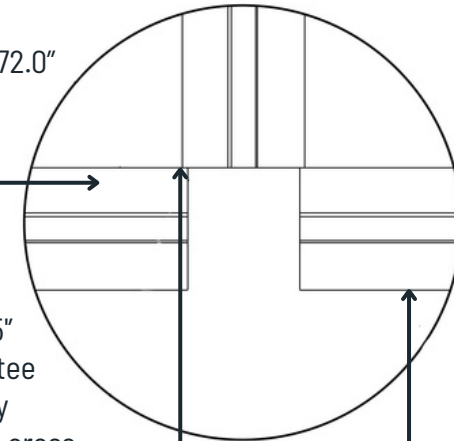
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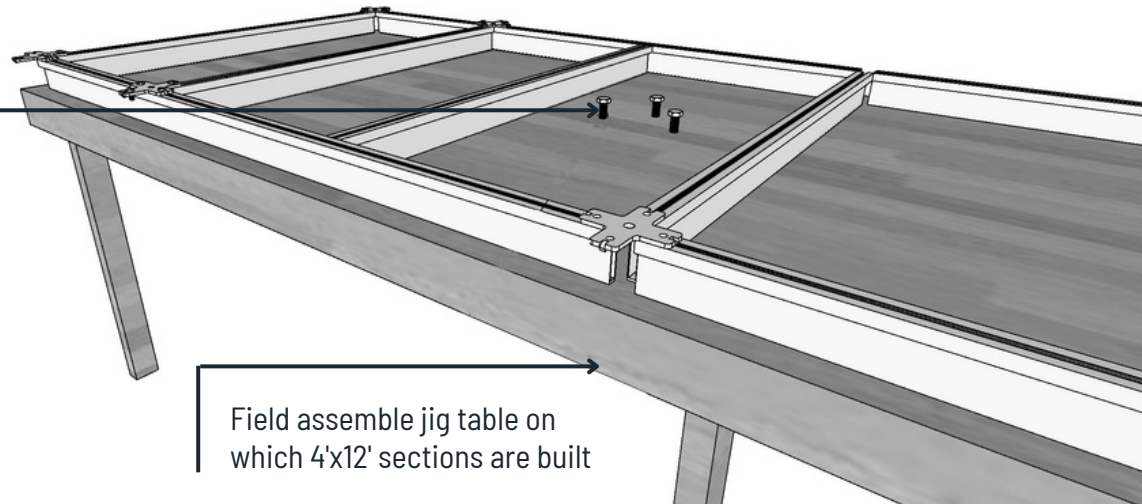
6' MAIN TEES = 70.575" FOR 72.0"
O.C. = 72.125" FOR 73.5" O.C.
(STANDARD TILE SIZES)

Main tees positioned 0.0625"
inside cross tees, the main tee
position can vary a little, key
dimension on jig is between cross
tees at 24" or 24.5" on center



4' CROSS TEES
FOR 48" O.C. = 46.44"
FOR 48.5" O.C. = 46.94"

3/8-16x3/4" hex head bolt
(steel, fully threaded) tighten
to 80 inch-pounds



Field assemble jig table on
which 4'x12' sections are built



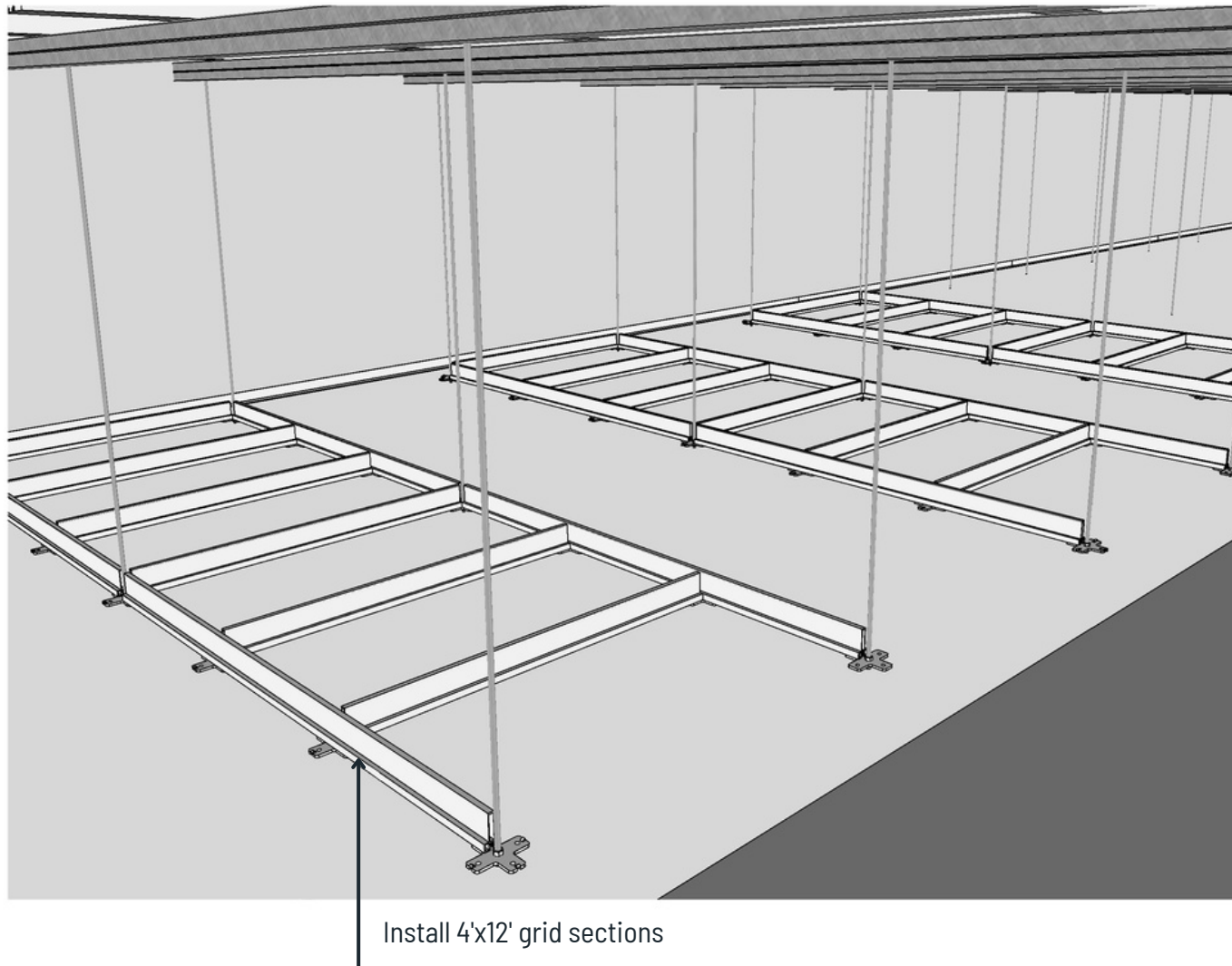
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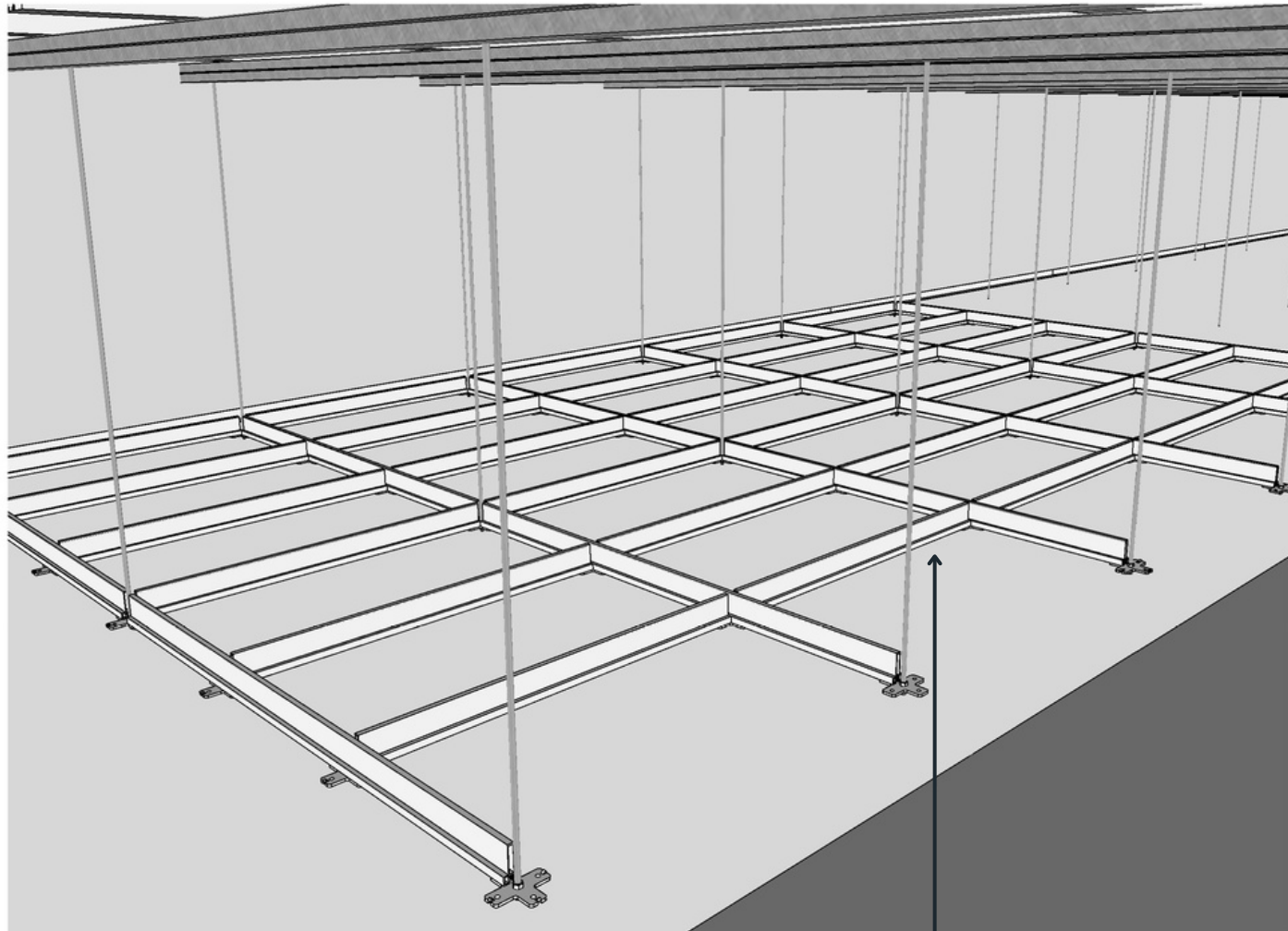
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Add 4' cross tees



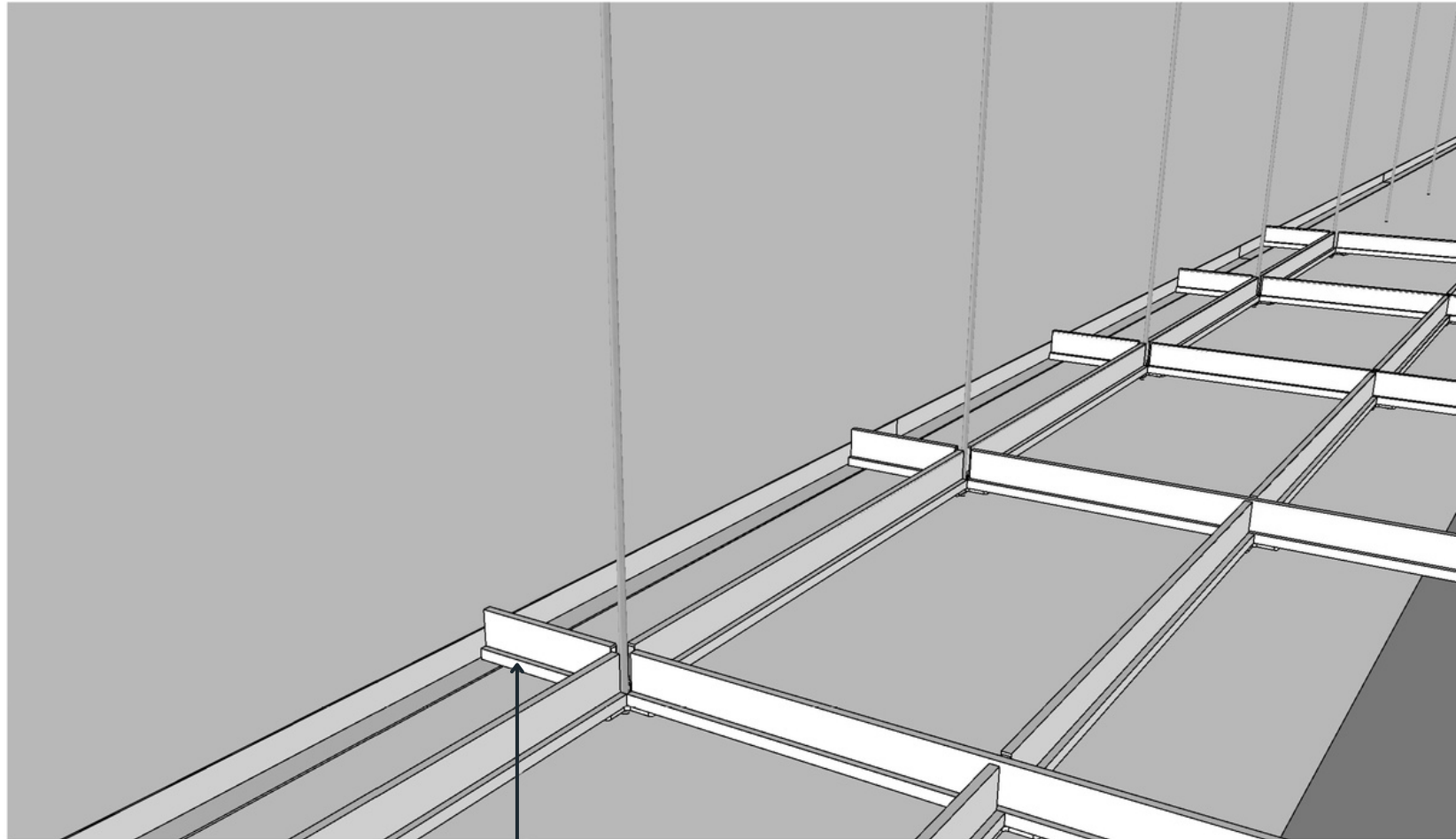
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Add edges tees , cut to within 0.25" of edge



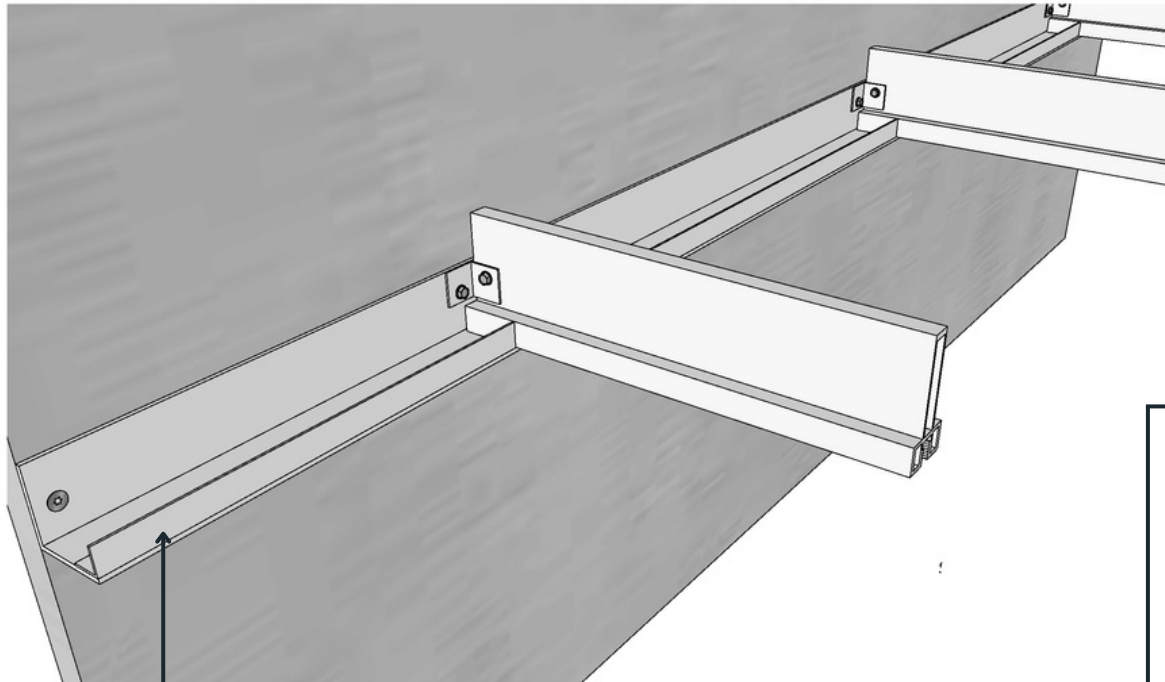
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Install 0.75"x0.75" edge trim pieces. These are cut to 22.44" or 22.94" and 46.44" or 46.94" lengths and are provided with double sided tape

For fixed perimeter use 1"x1" bracket and self tapping screws to secure edge tees (longer than 12") to perimeter wall angle not needed for tees shorter than 12"

