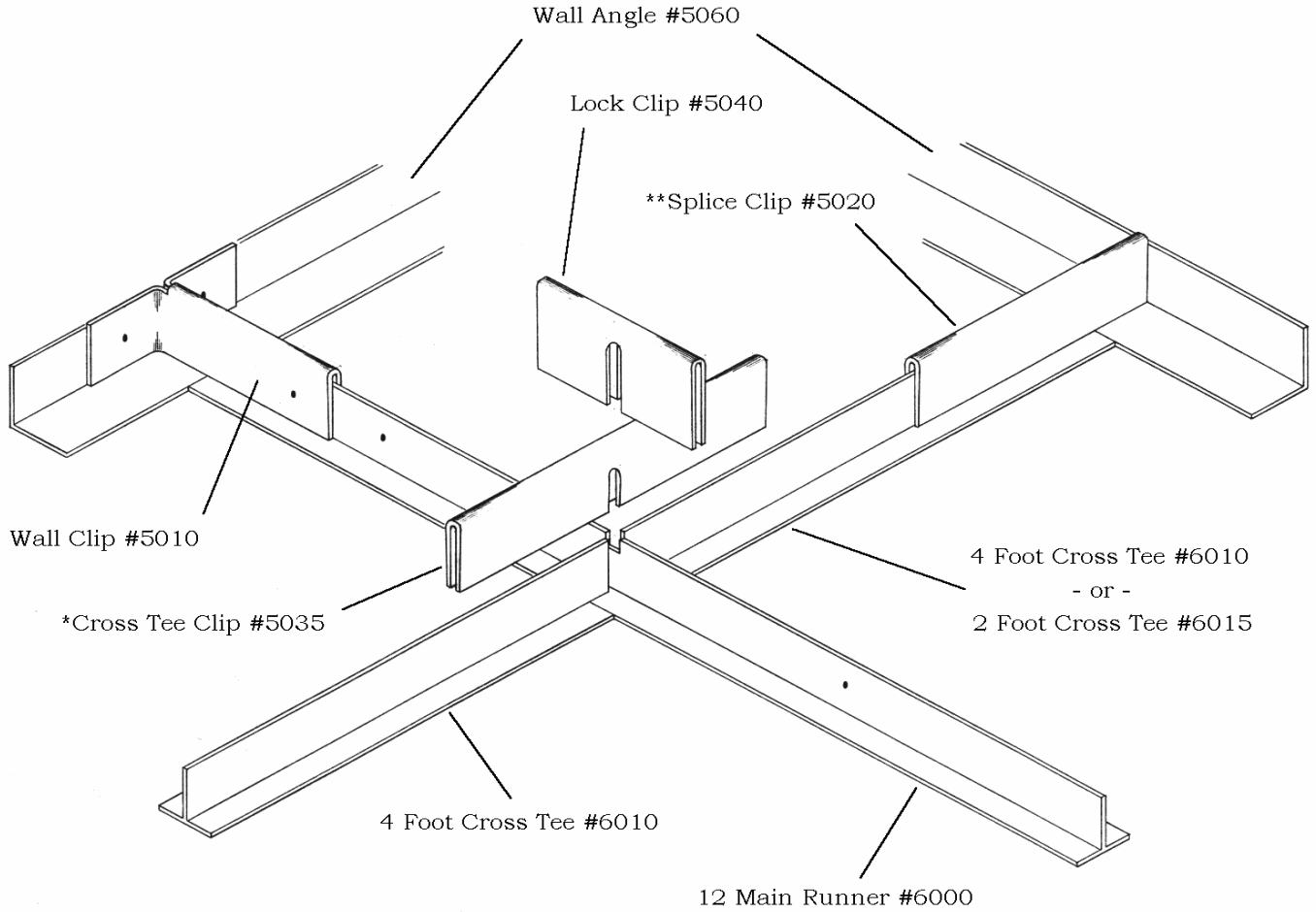


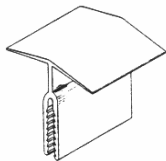
INSTALLATION GUIDE for GridLock Ceiling Grid System

The Fiberglass and Plastic Suspended Ceiling Grid System
USDA Accepted
Class 1/A Rated
Seismic Zones 1 thru 4 - ICBO Approved (Report #5376)

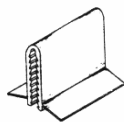


* #5035 used at pre-notched locations on Main Runner - #5030 used at non-notched locations

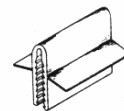
** #5020 also used at Main Runner to Main Runner splices



Hold down Clip #5057
(Grip Range of 2.000"-2.750")



Hold down Clip #5050
(Grip Range of .080"-.750")



Hold down Clip #5055
(Grip Range of .750"-1.250")

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION

SAFETY PRECAUTIONS

When power cutting, drilling or grinding fiberglass composite or other plastic materials, it is essential to wear protective clothing, such as goggles, filter masks, etc.

PREPARATION

1. Measure your ceiling area. Lay out on the graph paper provided on the back page of this installation guide.
2. Main Runners are to be spaced 4'-0¹/₄" apart and Cross Tees are spaced 2'-0¹/₈" apart for the standard 2'x4' lay-in panels. **FIG. 1** Consult with factory representative if other than standard lighting or panels are to be used.
3. Calculate the quantities of all the components you will need. See the front page of this installation guide for proper nomenclature.

WALL ANGLE INSTALLATION

1. Determine the level of your ceiling. Allow proper clearance for overhead obstructions or grid installed accessories.
2. Once you have determined the ceiling height, install Gridlock wall angle at the desired height around the perimeter of the room.
3. Secure Wall Angles to walls with all plastic drive rivet or other non-corroding fasteners. **FIG. 2**

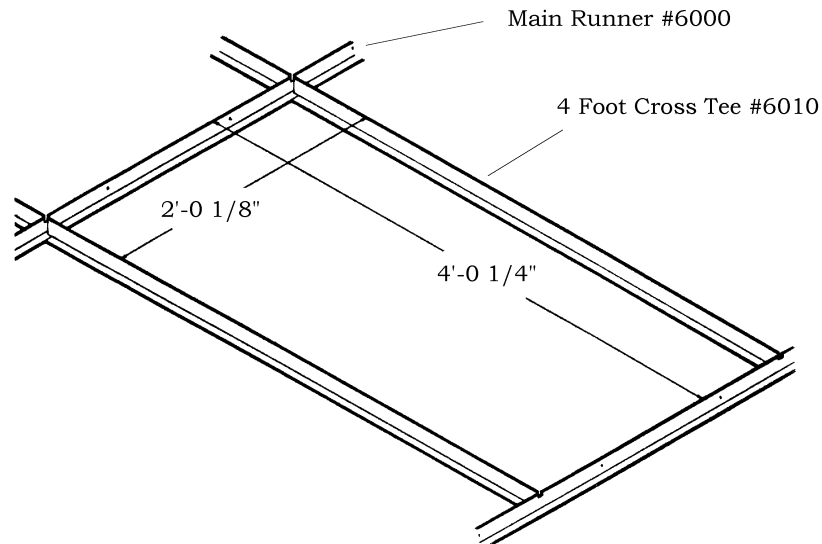


FIG. 1

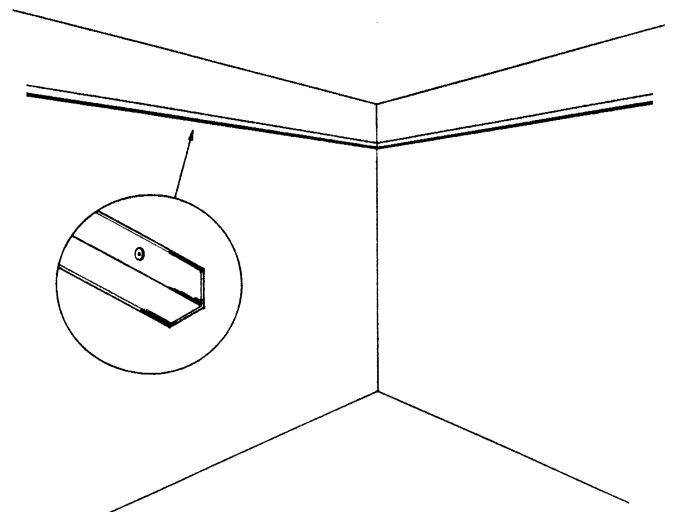


FIG. 2

MAIN RUNNER INSTALLATION

1. Determine the center of the room on opposing walls. Check for room squareness and suitability of your layout. Mark location of Main Runners.
2. Determine position of first Cross Tee and cut off the starting Main Runners for proper Cross Tee notch alignment.
3. Install corrosive resistant hanger eyes and appropriate suspension wire along Main Runners.
4. Drill any additional hanging wire holes between 1st and 2nd ribs (approximately 9/16" down) of Main Runners. **FIG. 1**
5. Install wall clips at the starting end of Main Runners. They should rest on top of wall angle, and securely attach to wall to prevent shifting during grid installation. **FIG. 3**
6. Install Splice Clips at terminating end of Main Runners to rest on top of Wall Angle. **FIG. 2**

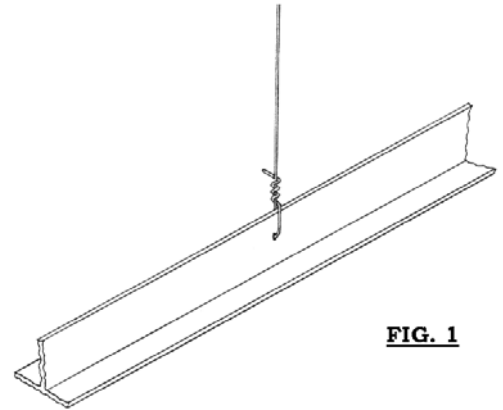


FIG. 1

CROSS TEE INSTALLATION

1. Assemble the Cross Tees to the Main Runners using Cross Tee Clips. Use of Lock clips at these intersections helps assure a positive connection. **FIG. 4**
2. Cut Cross Tees to length for the border area and install Splice Clips at the wall end to rest on top of Wall Angle. **FIG. 2**

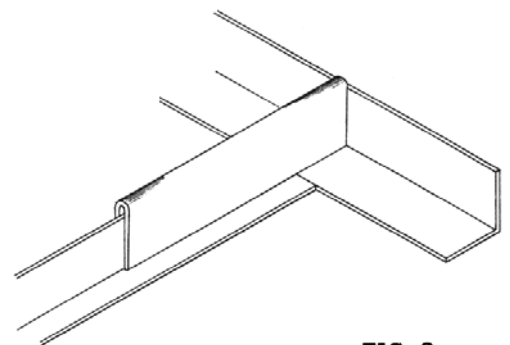


FIG. 2

PANEL INSTALLATION

1. Start installing the lay-in panels on one side of the room using the proper Hold-Down Clips.
2. Cut the border panels to fit their openings following the manufacturer's recommendation.

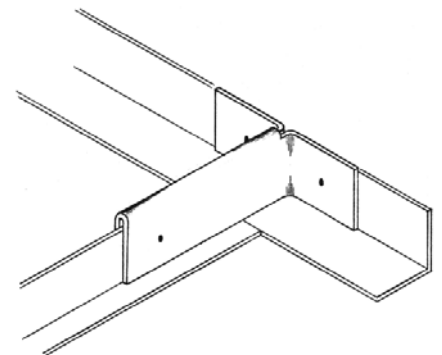


FIG. 3

NOTES:

1. Light fixtures, air duct diffusers, etc. must be independently supported from the grid system.
2. Since fiberglass reinforced plastic has a coefficient of thermal expansion of 2.8×10^{-6} in./in./°F it is suggested to install the grid at the temperature at which the facility will operate. Consider leaving room for growth if the temperature is going to vary.

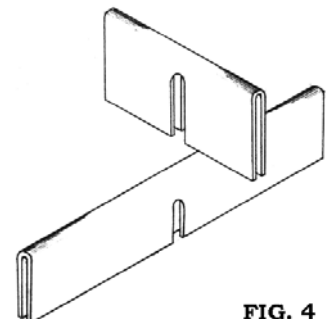


FIG. 4