

## TRAXX RAILS

### Tools Required

- Laser Level
- Drill/Driver with Drill Bits
- Electric Miter Saw w Aluminum Cutting blade
- Tape Measure

### Hardware Required

- Hardware Toos

### Installation

1. Locate high spot in floor along wall where Traxx will be installed. Keep in mind any panel run, worksurface, or storage that me be affecting Traxx Location.
2. Mark desired Traxx height locations on wall off high spot in floor. See Figure A for Traxx Location.
3. For 1/2" and 1 1/2" tile locations, locate placement by measuring off adjacent traxx location as seen in Figure A.

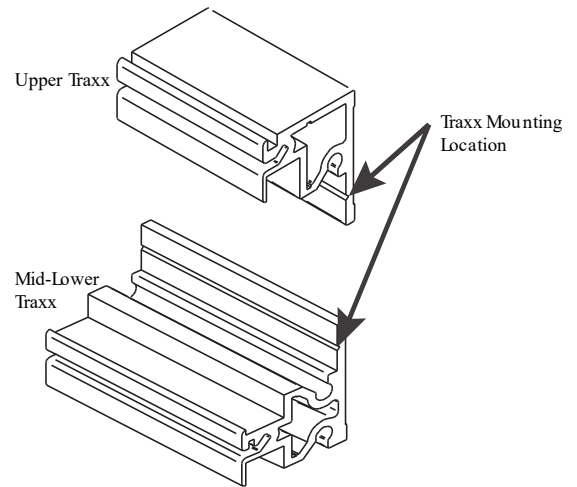
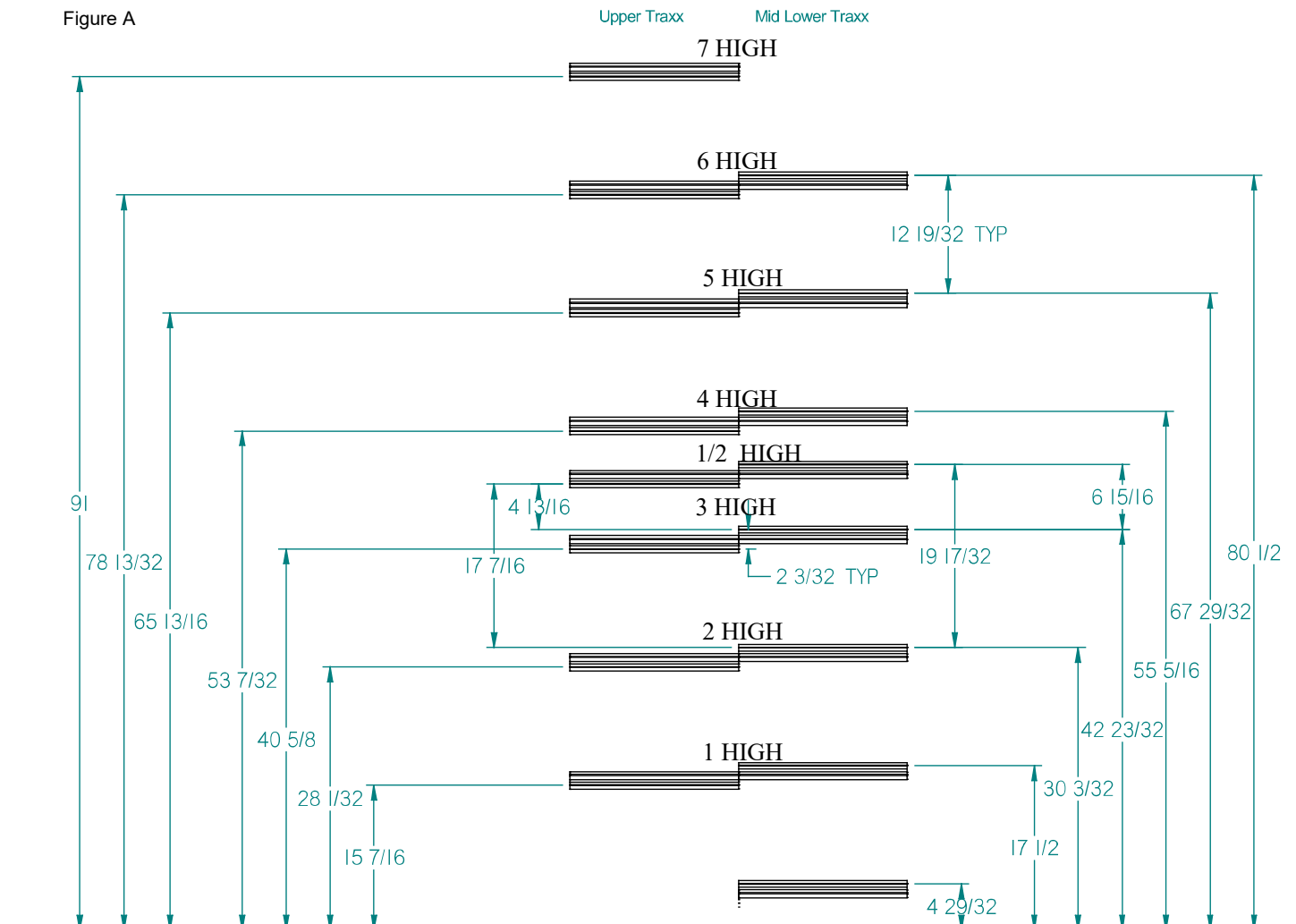


Figure A



## TRAXX RAILS

### Installation

1. Locate the wall substructure along the length of targeted application area. For proper wall attachment of Traxx to the wall, fasteners must tie directly into the substructure of the wall (studs, block, solid masonry). See Figure B. Select the appropriate fasteners for the type of structural wall.

*Note: Kimball International defines a structural wall as a load-bearing wall constructed of materials such as: poured concrete, concrete block, or studs. Wood studs must be a nominal 2" x 4" size minimum. Metal studs must be "C" channel, 20-gauge thick minimum. Metal or wood studs must be on centers no greater than 24" and have maximum height of 14' restrained at floor and ceiling. Interior walls shall be designed to resist not less than a force of 5 lbs. per square foot applied perpendicular to wall. The deflection of such walls under a load of 5 lbs. per square foot shall not exceed 1/240 of the span for walls with brittle finishes, and 1/120 of the span for walls with flexible finishes (per Uniform Building Code Section 2309b). If you have any questions concerning your load-bearing structures, please consult your architect or structural engineer.*

2. Prepare wall for Traxx attachment by pre-drilling for and/or installing fasteners along laser lines per the fastener manufacturer's guidelines. Recommended spacing of fasteners is 16", but should not exceed 24" on center. When ending a run, **DO NOT** extend the Traxx more than 6" beyond the last anchor attachment. (Figure C).

*Note: It is the responsibility of the installer and/or the contractor to select and install the proper fasteners in the structural wall. Kimball International does not furnish fasteners or assume liability for their use.*

3. Measure wall length at the upper and lower marked fastener positions. Cut the Traxx, when necessary, to the proper lengths.

*Note: A single section of Traxx must attach to the wall with a minimum of two solid anchor attachment points.*

*Note: If the Traxx are installed at intersecting walls, an allowance is required for the installation of the Splice Plate. Install Splice Plate prior to attaching Traxx to the wall. The first length of Traxx installed will be reduced by 13/16" at each intersection. (Figure E).*

4. Measure wall length at the upper and lower marked fastener positions. Cut the Traxx with power miter saw with aluminum cutting blade, when necessary, to the proper lengths.

*Note: A single section of Traxx must attach to the wall with a minimum of two solid anchor attachment points.*

*Note: If the Traxx are installed at intersecting walls, an allowance is required for the installation of the Splice Plate. Install Splice Plate prior to attaching Traxx to the wall. The one length of Traxx installed will be reduced by 1 1/2" (Per side) while the other length will need to be reduced 13/16" (Per side). See Figure C.*

Figure B

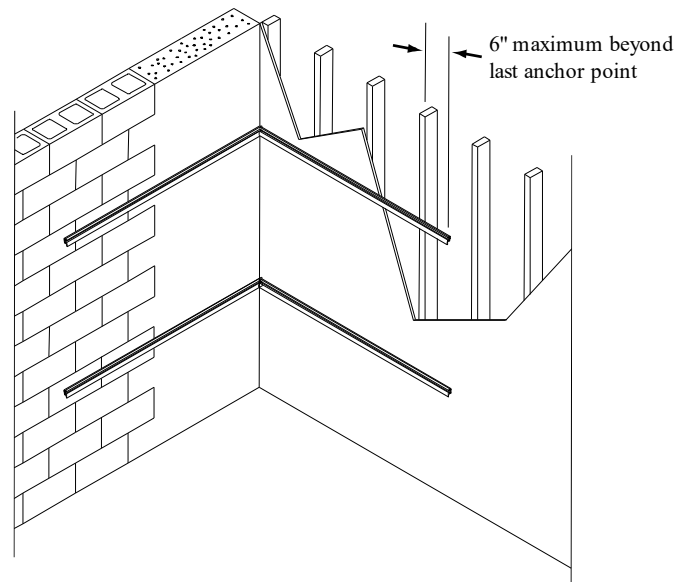
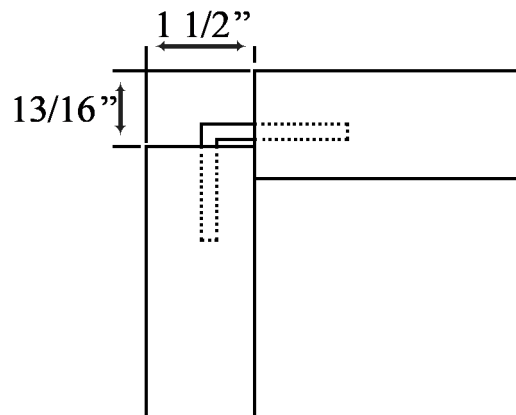


Figure C



### TRAXX RAILS

#### Installation

1. Position the Traxx against the wall just above or below the laser line. (Figure D). Transfer the fastener locations from the wall to the center line in the Traxx.
2. Drill the appropriate diameter hole in the Traxx per the fastener manufacturer's guidelines.
3. Before installing the Traxx, touch-up any exposed cut ends.
4. To align two adjacent pieces of Traxx, slide a Splice Plate into the channel As shown in Figure E. To align two adjacent pieces of Traxx at a corner intersection, bend the Splice Plate to the required angle at the notch as shown in Figure E.
5. With the Splice Plate installed, attach the Traxx to the wall.

Suggested Traxx Fasteners	Size	Model #
<b>Steel Stud</b> (for 1/2" to 3/4" drywall): Hilti® Toggler® anchor toggle bolt	1/4"-20 x 2" grade 5 bolt	374494
<b>Wood Stud</b> (for 1/4" to 1/2" drywall; meets or exceeds ANSI/ASME B18.6.4 and SAE J933): Panhead sheet metal screw		10-2 PHPMS
<b>Solid Masonry:</b> Crown Bolt lag shields Buildex Tapcon concrete anchor screw	1/4" x 1 1/2" 1/4" x 2 3/4"	24385
<b>Masonry Block:</b> Hilti Toggler anchor toggle bolt grade 5 bolt	1/4"-20 x 2"	374494
Crown Bolt lag shields Buildex Tapcon concrete anchor screw	1/4" x 1 1/2" 1/4" x 2 3/4"	24385

Figure D

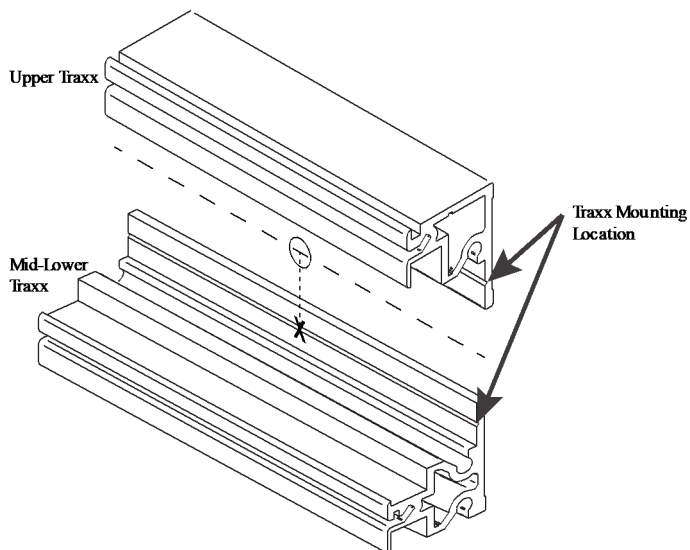


Figure E

