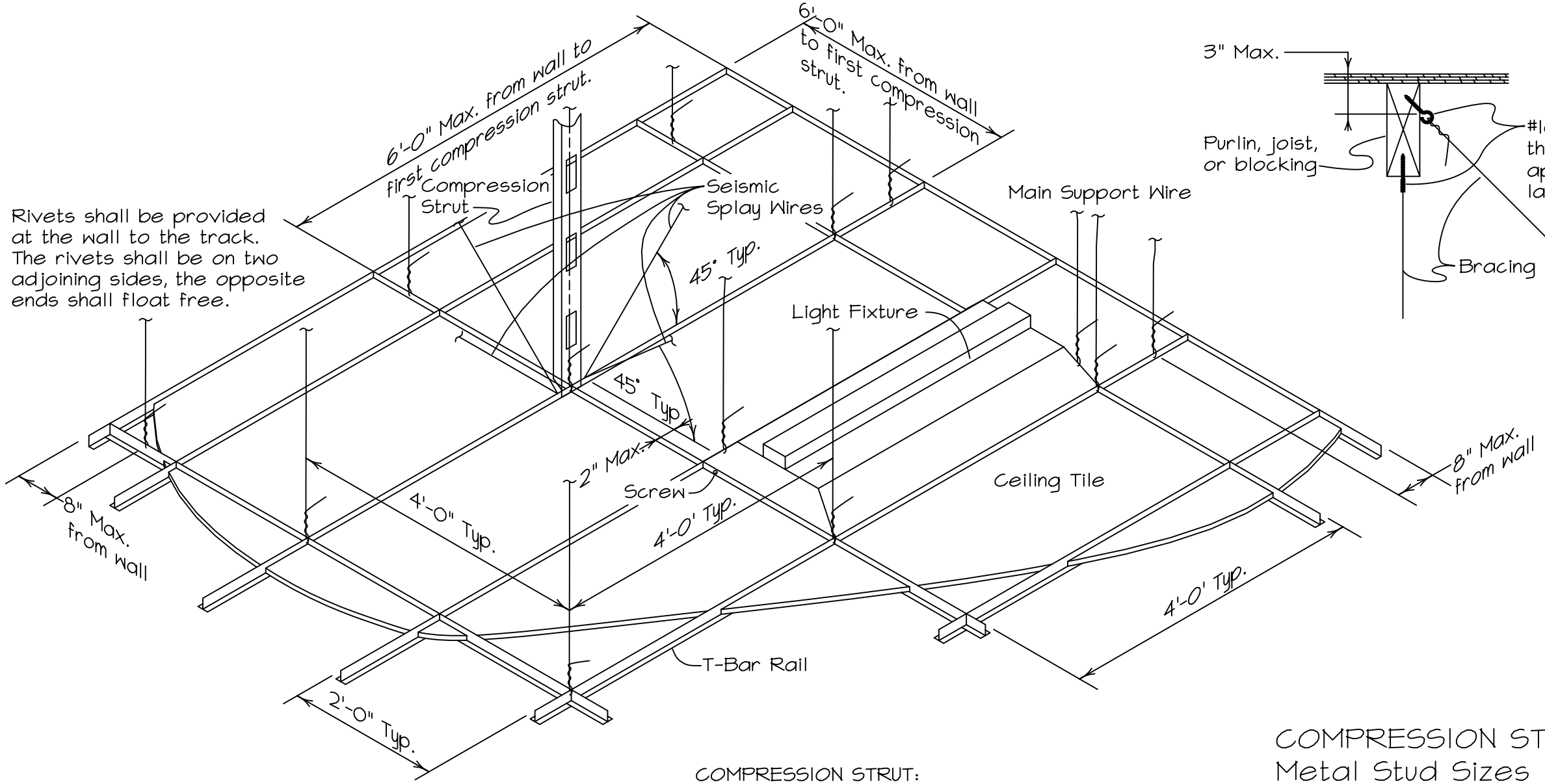

MAIN SUPPORTS:
12 Gauge hanger wires at 4' on center each way. Wires shall have 3 turns within 3" and shall not be more than 1 in 6 out of Plumb unless a counter sloped wire is provided. Wires shall not attach to or bend around interfering material or equipment.

PERIMETER WIRES:
12 Gage wires installed within 8" of wall at each main and cross tie to the wall juncture.

SEISMIC SPLAY WIRES:
12 Gage wires splayed in four directions, 90 degrees apart, parallel to cross and main runners, within 2" of the intersection of the cross and main runner, 45 degrees from horizontal, 12' on center, beinning 6'-0" from the corner of the ceiling. Wires shall have 3 turns within 3".

COMPRESSION STRUT:
Compression strut shall be installed at center of seismic splay wires. The strut shall be sized based on their length (L) and the Compression Strut Table. Attach to main runners with 1/4" machine bolt and to the structure with 3/16" diameter screw.

LIGHT FIXTURE SUPPORT:
12 Gage wires attached to main or cross tees within 3" of fixture at each corner. 12 Gage safety wires attached to fixture (opposite corners,) extending to structure above. Install one screw at opposite corners of fixture to main or cross tees. The light fixture shall not exceed 56 lbs in weight. corners of fixture to main or cross tees.

ICBO APPROVAL:
The ceiling system shall have a valid I.C.B.O. evaluation report.

RUNNERS AND CROSS RUNNERS
Main runners and cross runners shall be attached to wall angles at two (2) adjacent walls only. At the other two walls no direct attachment is permitted.

COMPRESSION STRUT SIZES
Metal Stud Sizes

Size	Allowable Length (L)
3-3/8" 25 Ga. Mtl. Stud	0'-0" to 5'-0"
6" 18 Ga. Mtl. Stud	5'-0" to 8'-0"
2:3-3/8" 18 Ga. Mtl. Studs connect web to flange with screws at 24" o.c.	8'-0" to 15'-0"

Electrical Metallic Tube (EMT) Sizes

Size	Allowable Length (L)
1/2" Dia. EMT	0'-0" to 3'-0"
3/4" Dia. EMT	2'-6" to 4'-6"
1-1/4" Dia. EMT	4'-6" to 7'-6"
1-1/2" Dia. EMT	7'-0" to 9'-0"

Struts other than the ones listed above may be used with an evaluation report by ICBO or other supporting information (ie. calculations, testing, etc.)

Project Title:
Project Address:
Project Owner and Address:

Standard Details for T-Bar Grid System Ceiling

D-2
SHEET OF

The information provided on this sheet is a summary of specific code requirements and is provided to assist in understanding and complying with the code. Completeness of the plans and code compliance remains the responsibility of the applicant.

Date: March 29, 2000 File name: c:\steve\handouts\ti drawings\D-2 t-bar detail.dwg