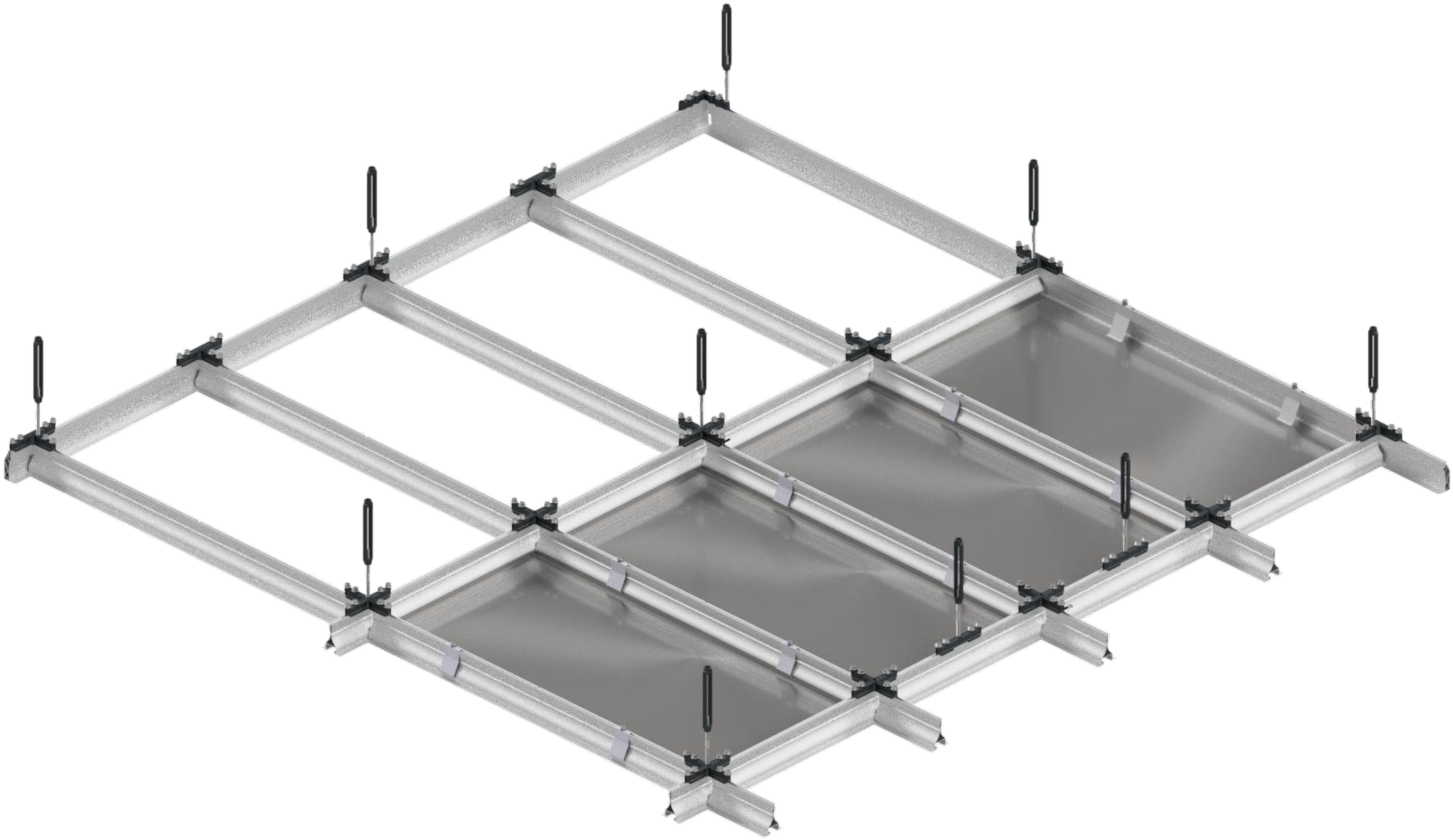
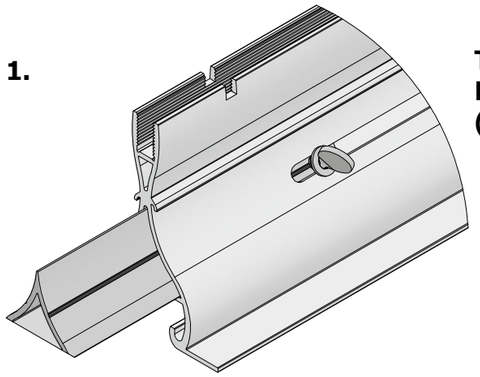
Tate Forte LEC Standard Detail



No.	SHEET DETAIL	SHEET NUMBER
1	Tate Forte LEC	4
2	Typical Connection - Perimeter	5
3	Typical Connection - Corner	6
4	Typical Connection - XL	7
5	Typical Connection - XL (Splice Connection)	8
6	Typical Connection - Straight	9
7	Tate Forte LEC Fixed Perimeter	10
8	Tate Forte LEC Fixed Perimeter (Column)	11
9	Configuration of Ceiling Tiles	12
10	Metal Tile Clips	13

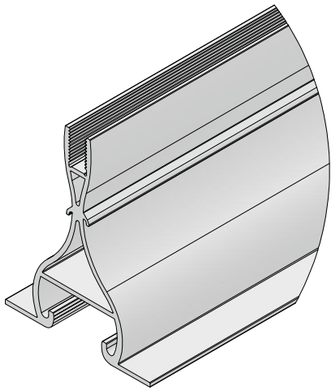
Tate Forte LEC Standard Detail

1.



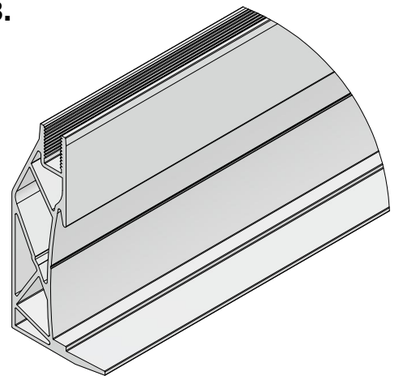
**TATE FORTE LEC
MAIN RUNNER ASSEMBLY
(3.6M WITH SPLICE)**

2.



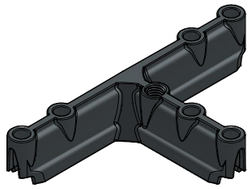
**TATE FORTE LEC
CROSS TEE EXTRUSION
(1.2M OR 0.6M)**

3.



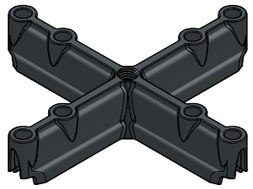
**TATE FORTE LEC
PERIMETER EXTRUSION
(3.6M)**

4.



PERIMETER CONNECTOR

5.

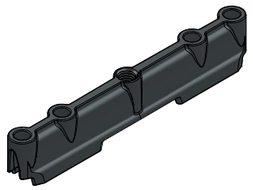


XL CONNECTOR

6.

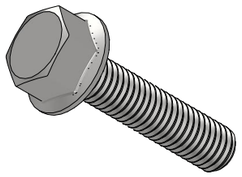
CORNER CONNECTOR

7.



STRAIGHT CONNECTOR

8.

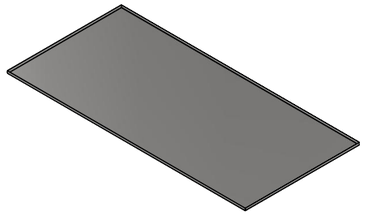


SCREW M8-35 DIN 6921

9.

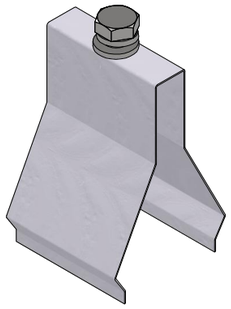
**M10 TURNBUCKLE
ASSEMBLY**

10.



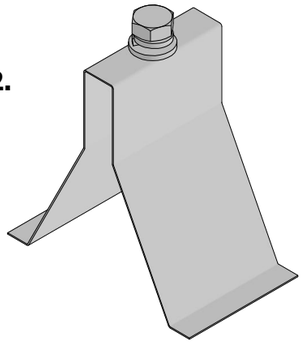
**TATE FORTE LEC
CEILING TILE
(1153x553)**

11.

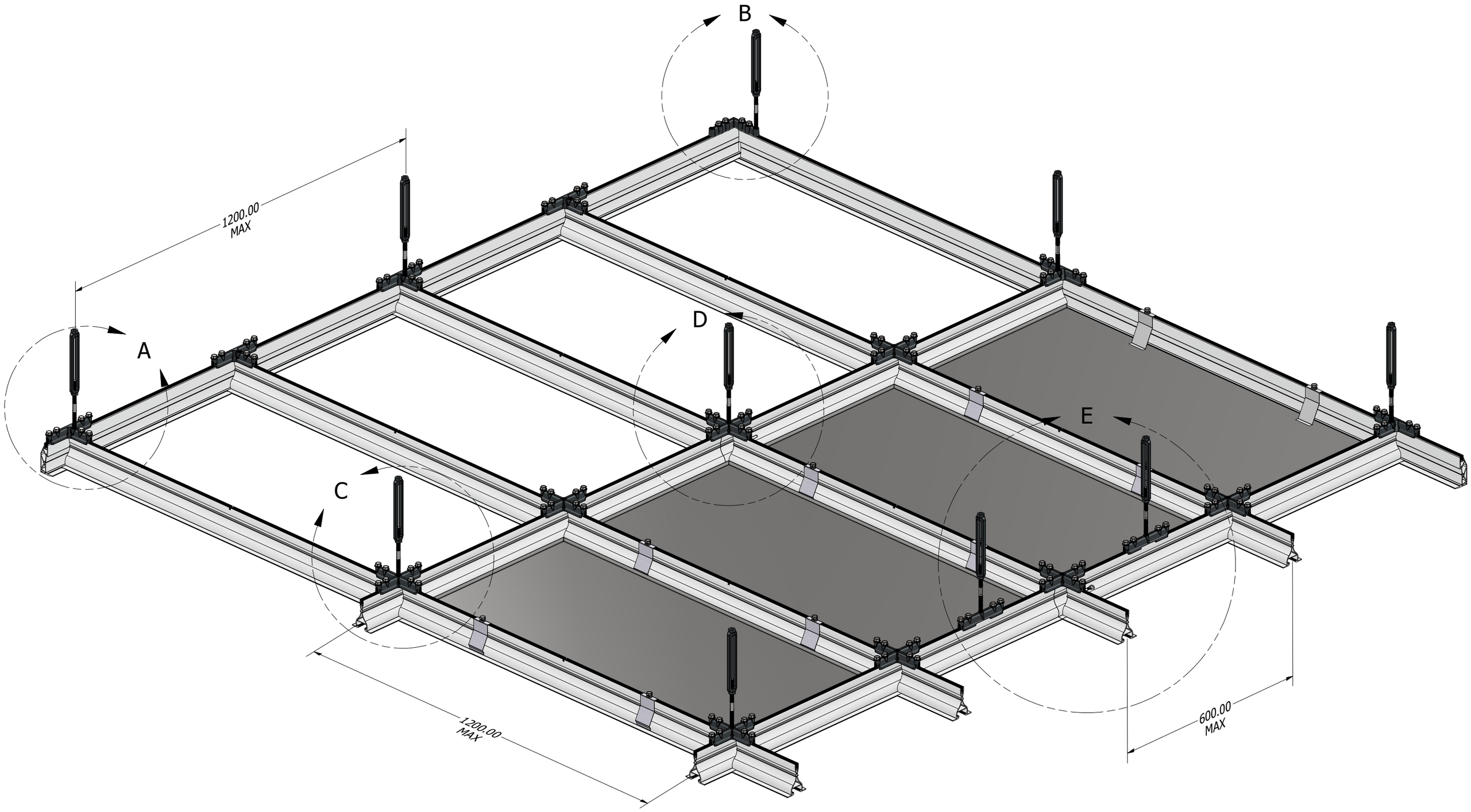


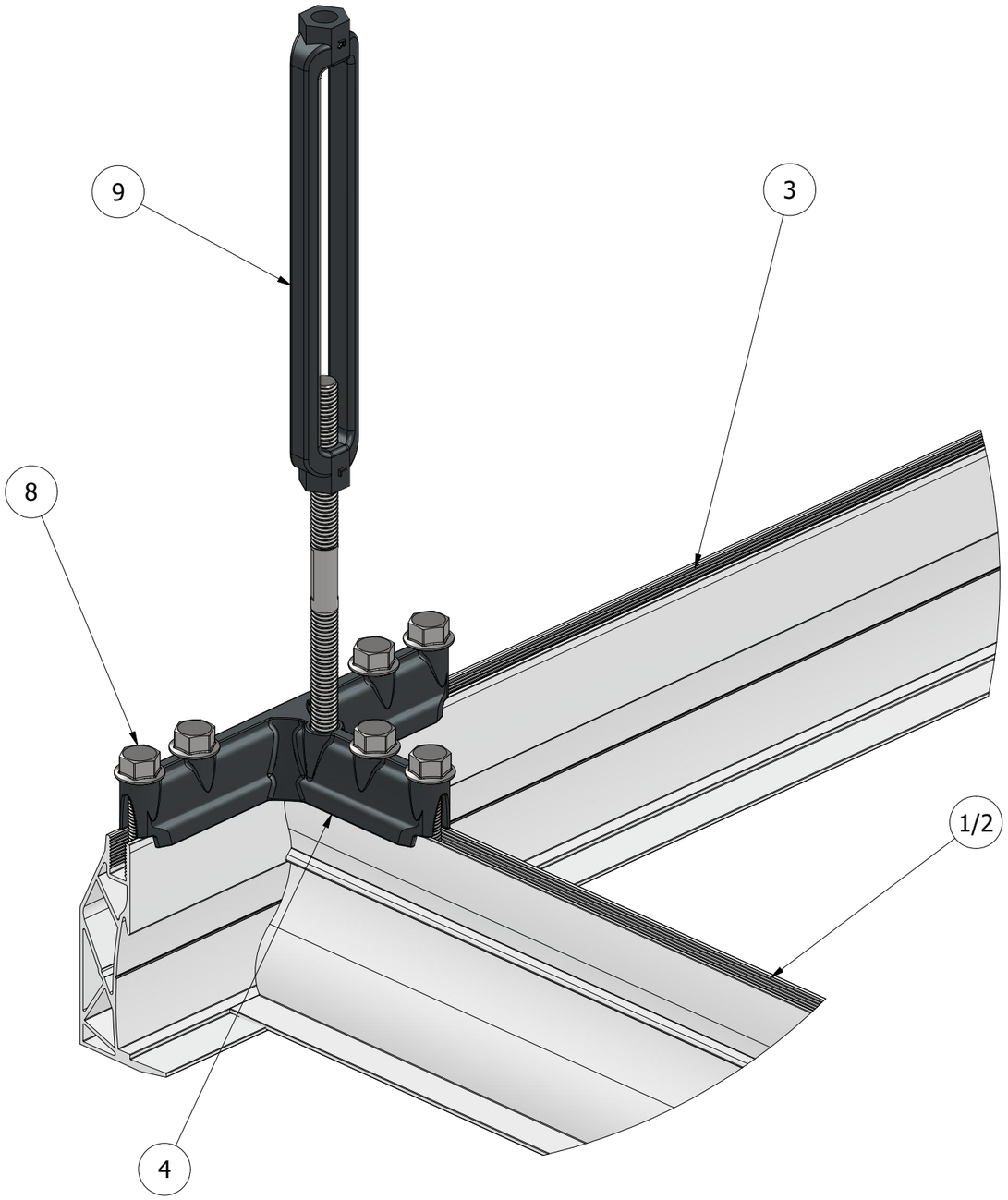
**TATE FORTE LEC
ACCESSIBILITY SCREW CLIP**

12.



**TATE FORTE LEC
SECURITY HOLD DOWN CLIP**


B
1200.00
MAX
A
D
E
C
1200.00
MAX
600.00
MAX



DETAIL A
SCALE 1:2

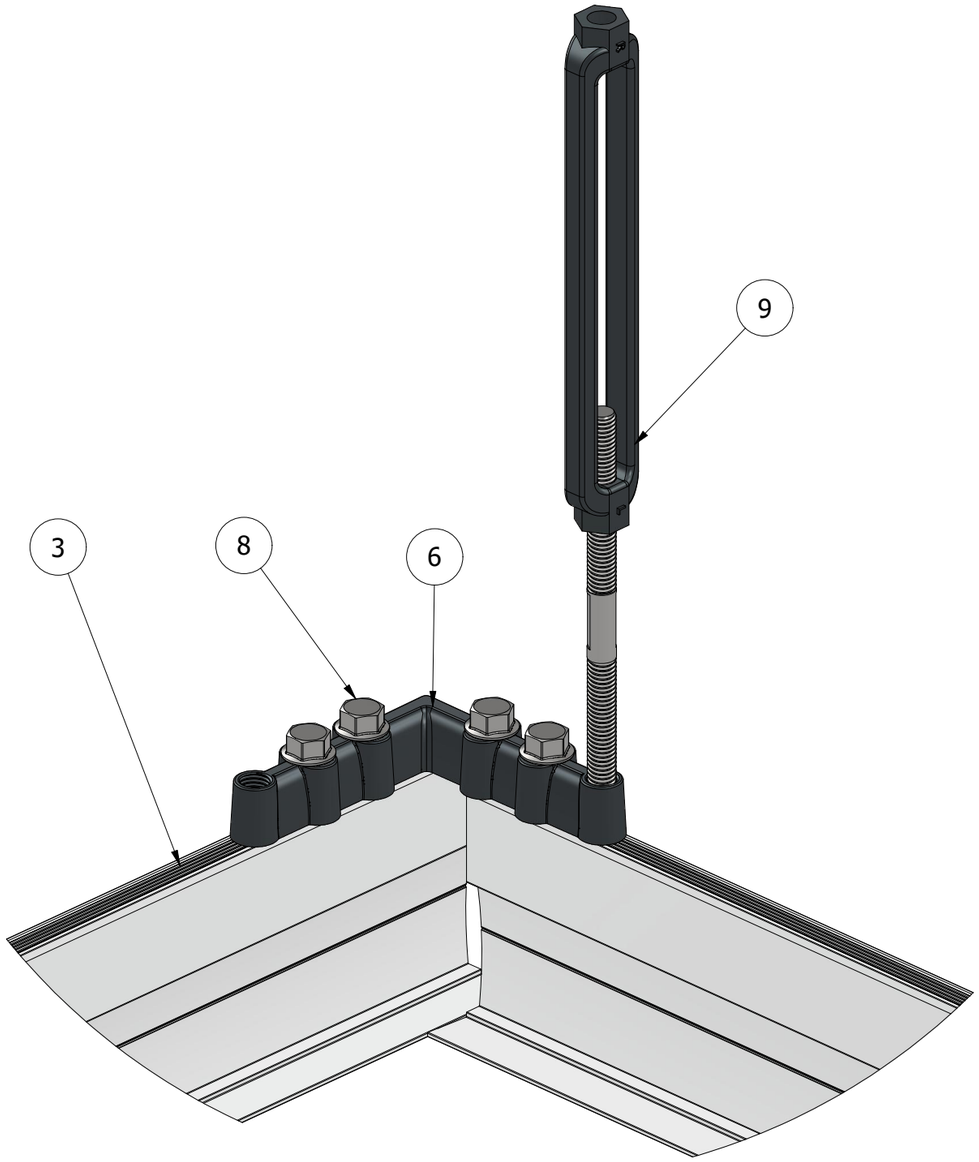
TATE FORTE LEC CONNECTOR

Type: Perimeter
Junction: Three Way
Used for: Creating a connection between the inner ceiling grid and the perimeter profiles. Both supported & unsupported configurations.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
3 - Perimeter Extrusion
4 - Perimeter Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly

Tate Forte LEC Main Runner (1) can also be connected in this scenario instead of Cross Tee (2)



DETAIL B
SCALE 1 / 2

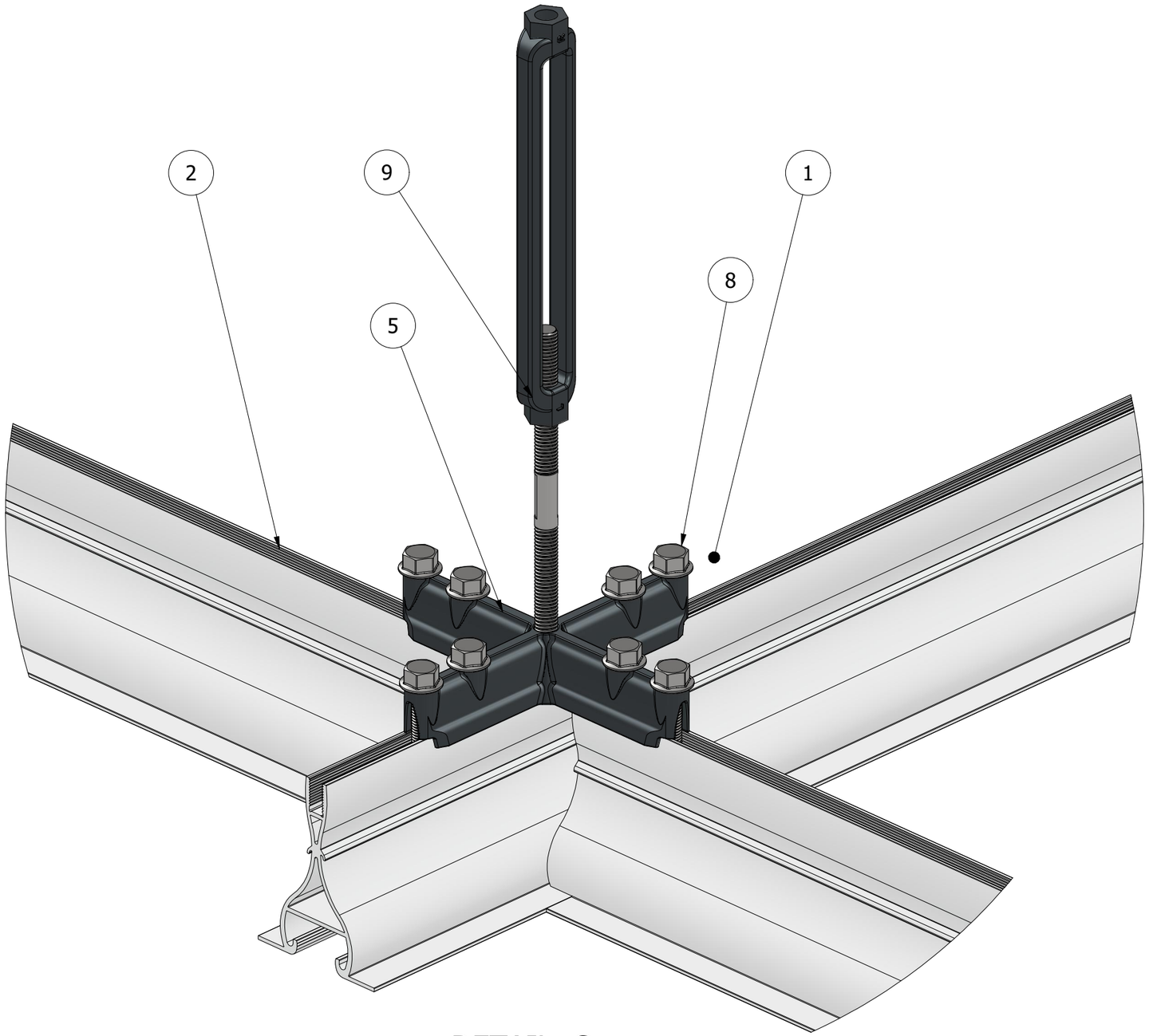
TATE FORTE LEC CONNECTOR

Type: Corner Connection
Junction: Two Way
Used for: Creating a connection at the corners of the ceiling grid. Both supported & unsupported configurations.

COMPONENTS

3 - Perimeter Extrusion
6 - Corner Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly

The drop rod connection can be done in either of the two holes on the connector.



DETAIL C
SCALE 1 / 2

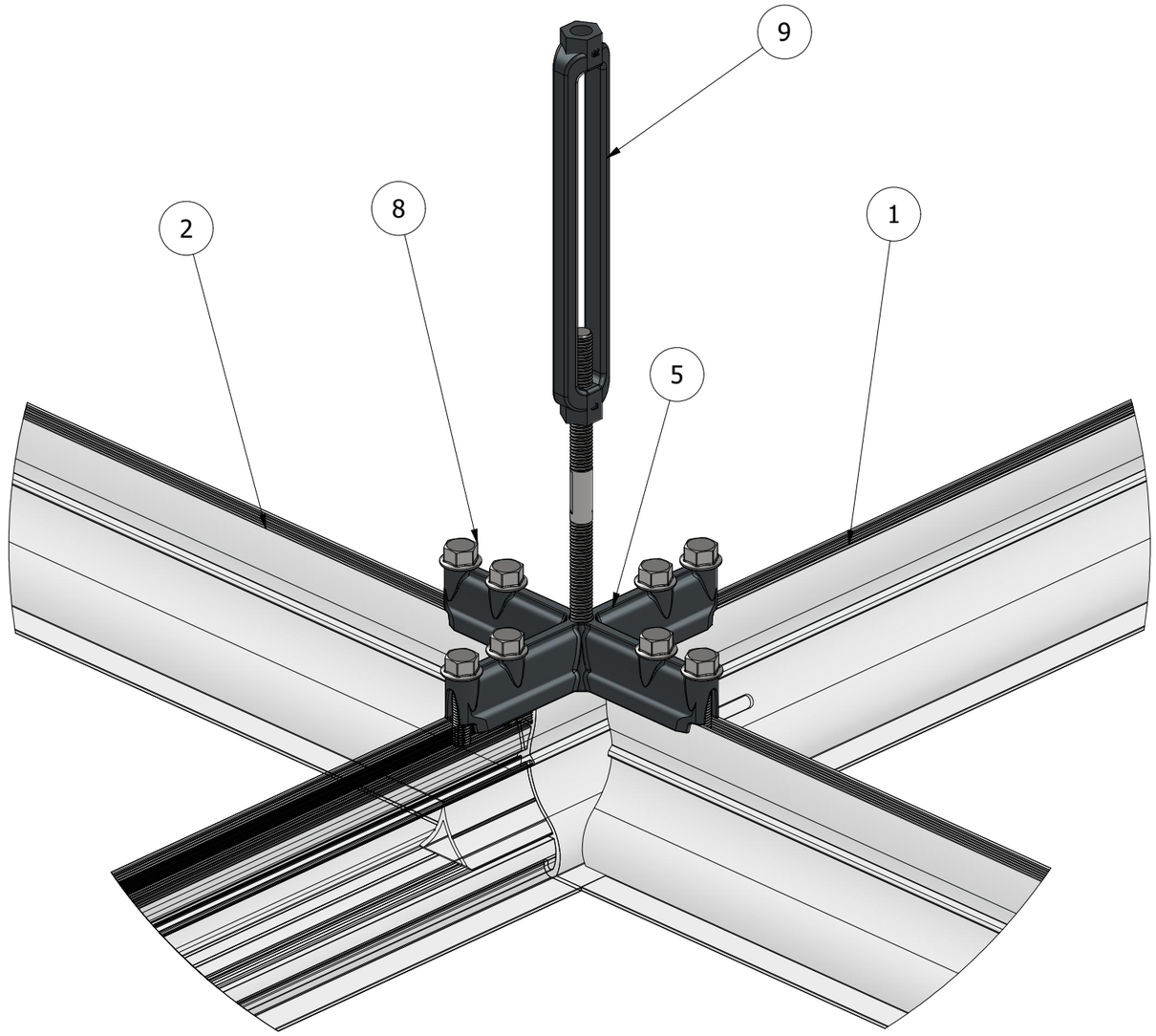
TATE FORTE LEC CONNECTOR

Type: XL
Junction: Four Way
Used for: Connecting main runners and cross tees at their usual junction point. Both supported & unsupported configurations.

Note: Unsupported XL Connector used on 600mm x 600mm Grid Configuration also.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
5 - XL Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly



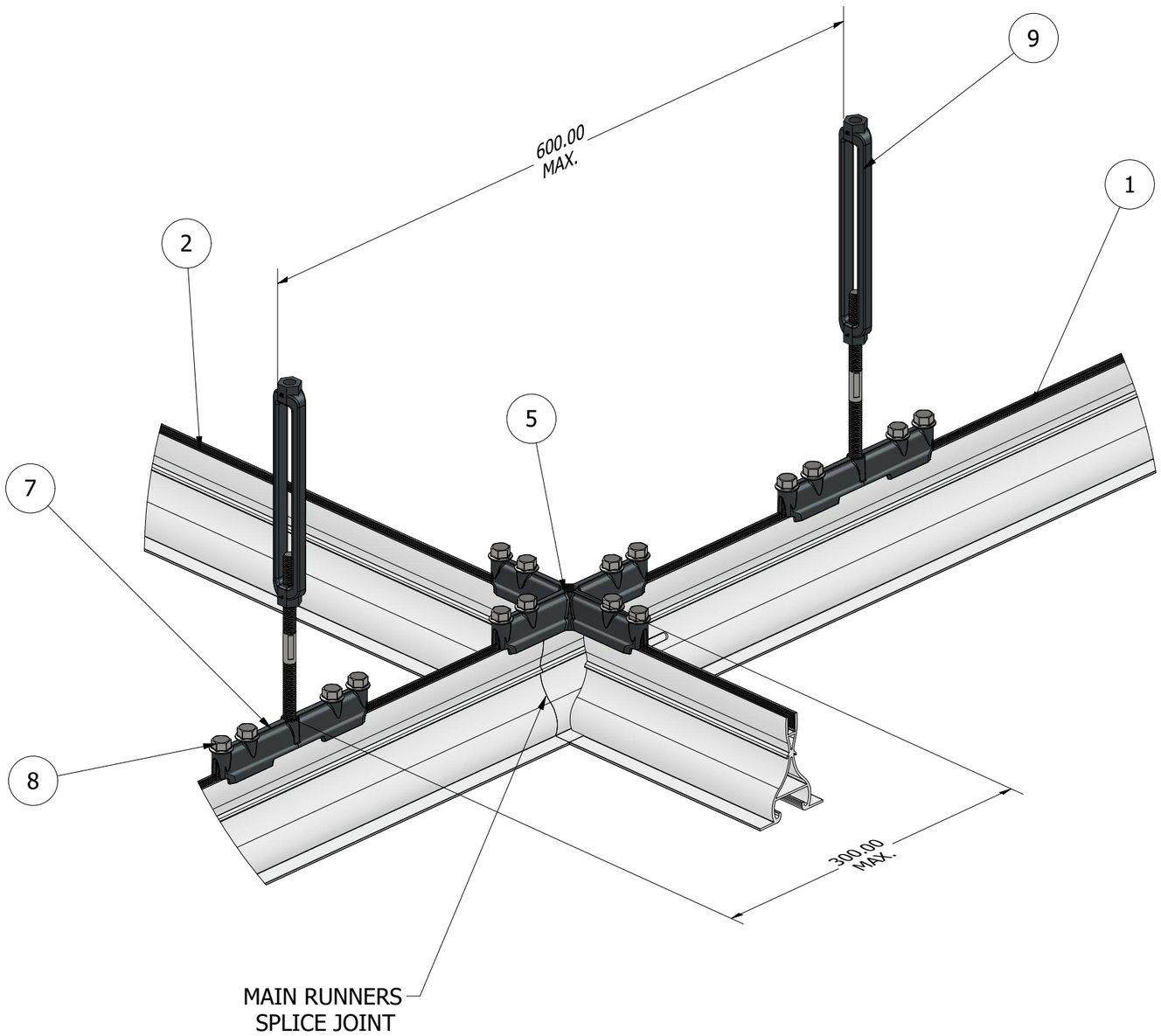
DETAIL D
SCALE 1 / 2.5

TATE FORTE LEC CONNECTOR

Type: XL at Splice
Junction: Four Way
Used for: Connecting main runners and cross tees at their junction point when it aligns with the splice point between main runners. Both supported & unsupported configurations.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
5 - XL Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly



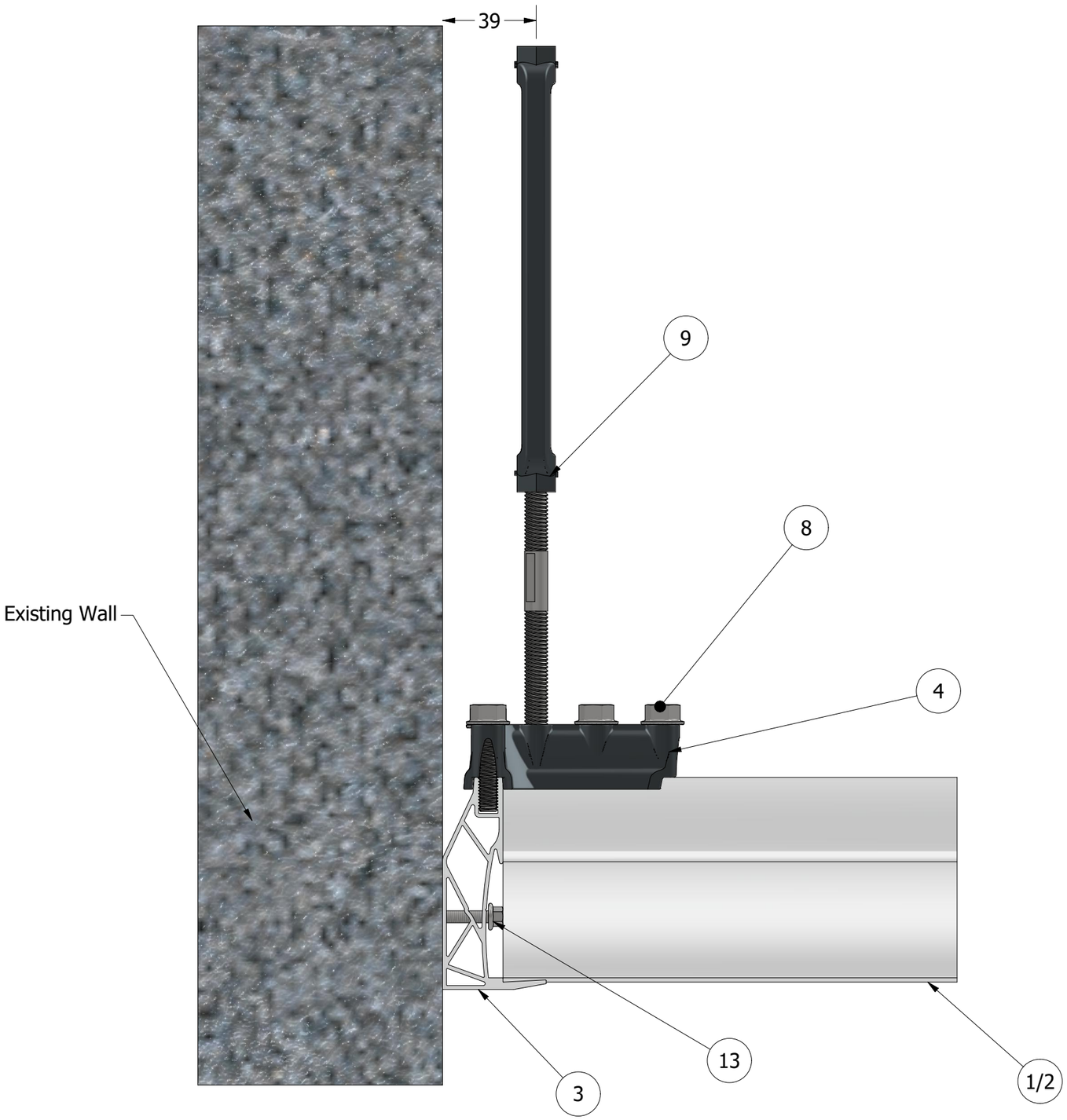
DETAIL E
SCALE 1 / 4

TATE FORTE LEC CONNECTOR

Type: Straight
Junction: One Way
Used for: Connecting two main runners at their splice point or creating a reinforced anchor point as shown. Both supported & unsupported configurations.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
5 - XL Connector
7 - Straight Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly



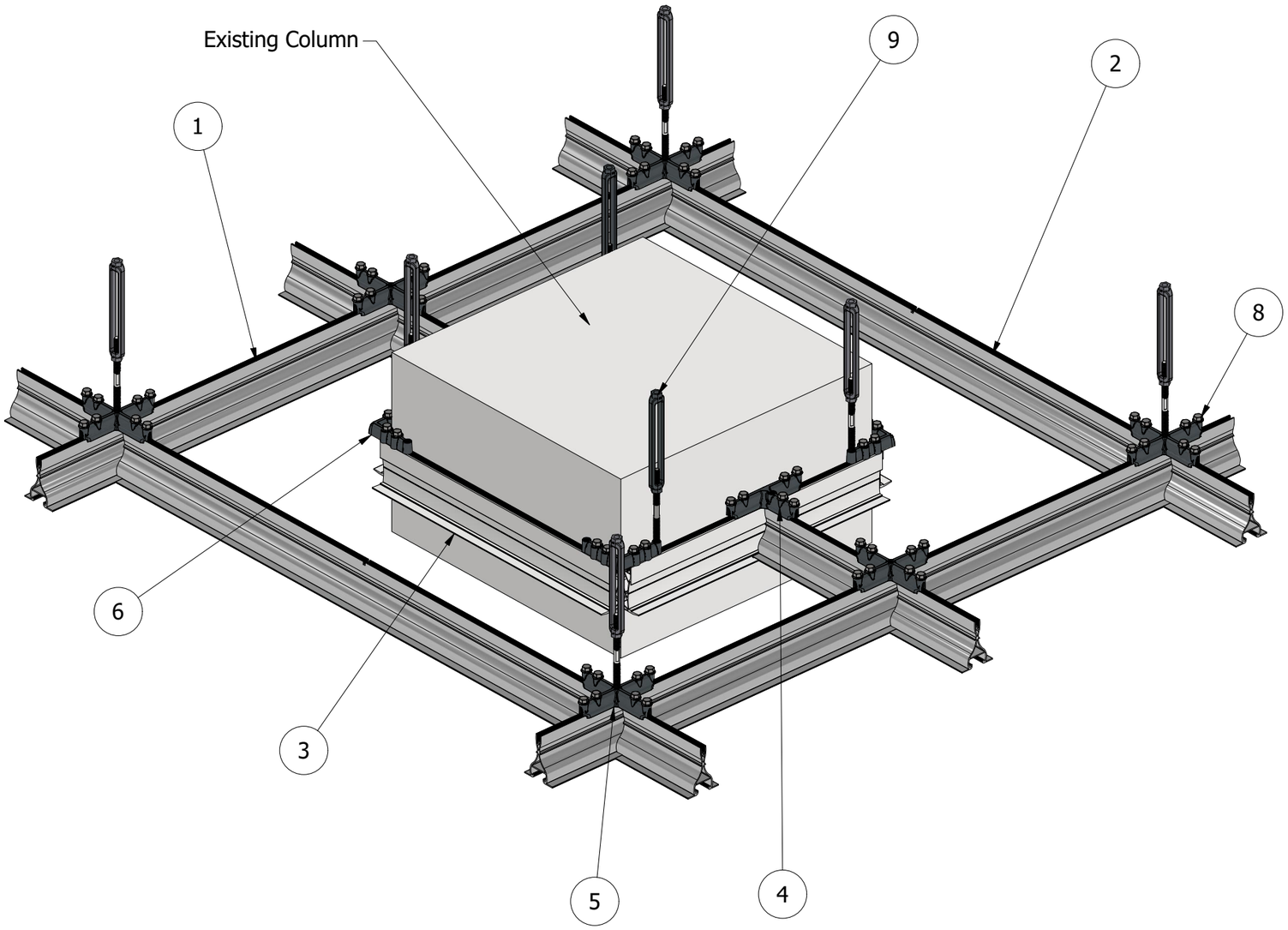
FIXED PERIMETER TO WALL

A fixed perimeter profile is connected directly to the wall.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
3 - Perimeter Extrusion
4 - Perimeter Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly
13 - Fastener (Supplied by others)

Tate Forte LEC Main Runner (1) can also be connected in this scenario instead of Cross Tee (2)



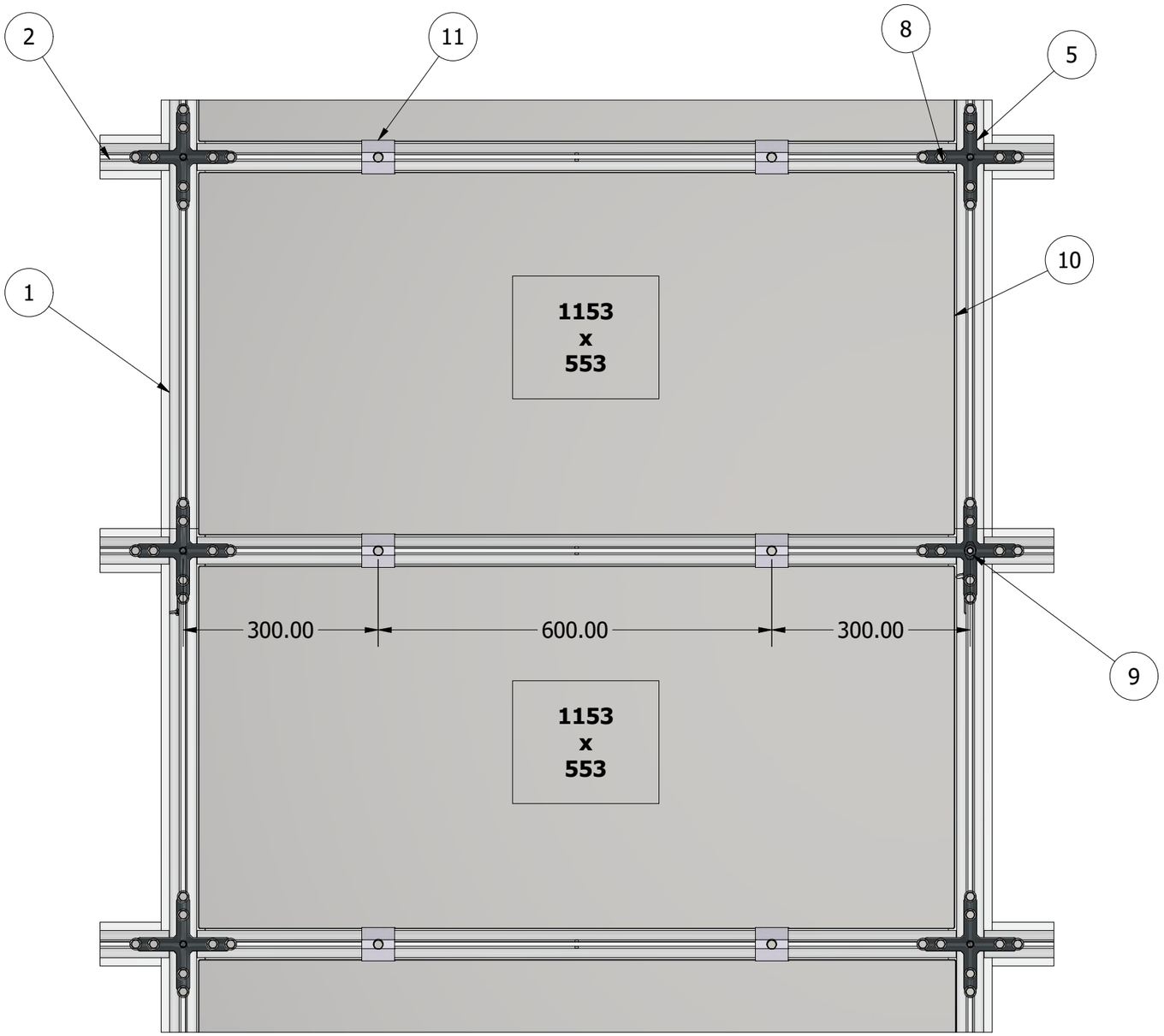
TATE FORTE LEC FIXED PERIMETER (COLUMN)

A fixed perimeter can be installed around the columns and obstacles. All corners must be supported with a hanger.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
3 - Perimeter Extrusion
4 - Perimeter Connector
5 - XL Connector
6 - Corner Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly

Tate Forte LEC Standard Detail



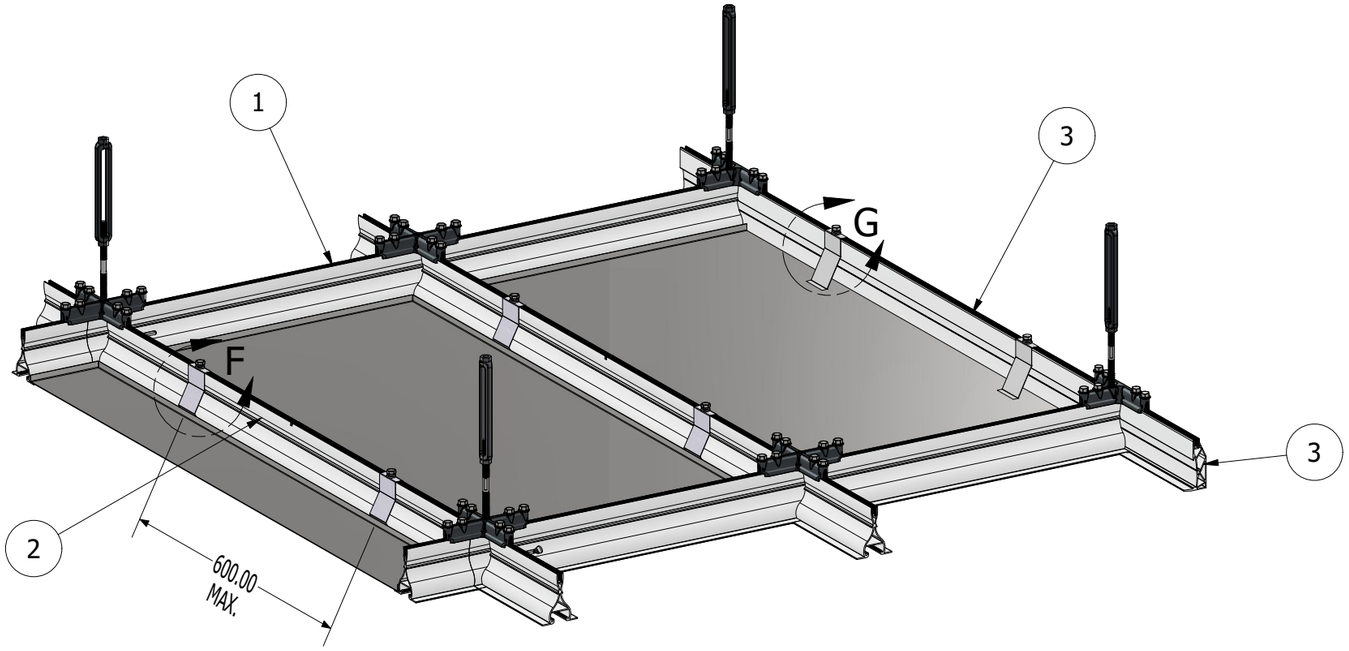
CONFIGURATION OF CEILING TILES

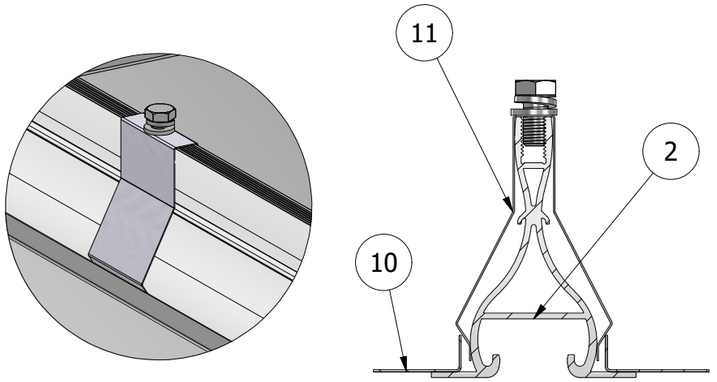
A usual Tate Forte LEC grid layout is 1200x600 centre to centre of the profile. Tate Forte LEC tiles come in 1153x553 size to fit inside the grid. Metal pan tiles are 0.7mm thick.

COMPONENTS

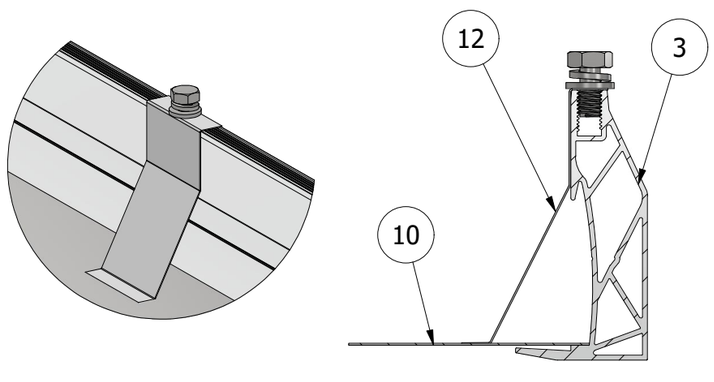
1 - Main Runner Extrusion
2 - Cross Tee Extrusion
5 - XL Connector
8 - Screw M8-35 DIN 6921
9 - M10 Turnbuckle Assembly
10 - Ceiling Tile - 1153x553
11 - Accessibility Screw Clip

Tate Forte LEC Standard Detail





DETAIL F
SCALE 1 / 3
ACCESSIBILITY SCREW CLIP
ON MAIN RUNNER OR CROSS TEE



DETAIL G
SCALE 1 / 3
SECURITY HOLD DOWN CLIP
ON PERIMETER

TATE FORTE LEC CLIPS

Type: Accessibility Clip
Used for: Fixing metal tiles.
Spring mechanism allows for tiles to be installed and/or removed from below the ceiling

Type: Security Hold Down Clip
Used for: Fixing metal tiles. Require installing the clips after the tiles have been laid. Removing the tiles is not possible from below the ceiling. Removing the tiles require prior removal of clips. Used on all edges where the tile has been cut to suit the grid.

COMPONENTS

1 - Main Runner Extrusion
2 - Cross Tee Extrusion
3 - Perimeter Extrusion
10 - Ceiling Tile - 1153x553
11 - Accessibility Screw Clip
12 - Security Hold Down Clip