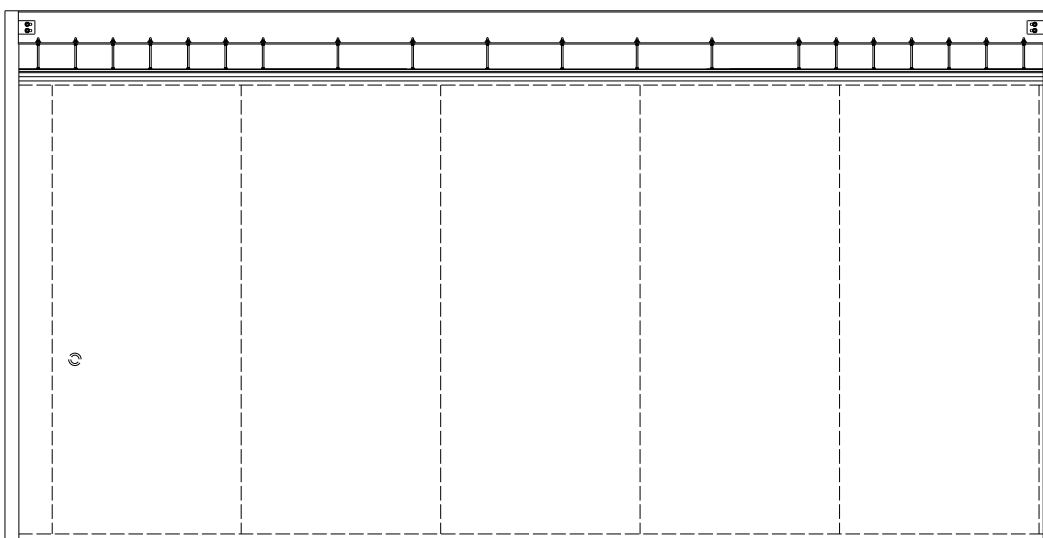


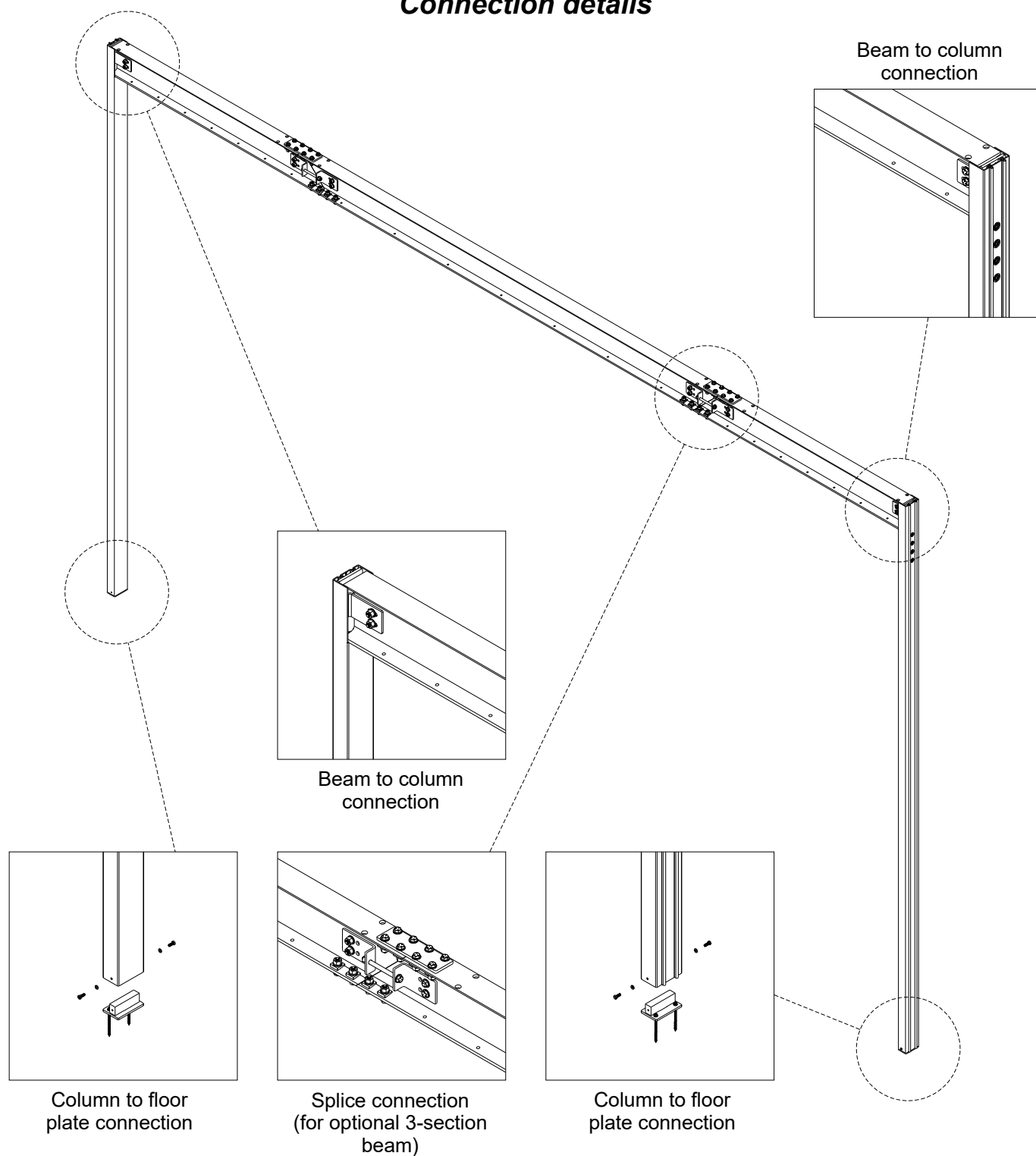
Technical Data Sheet Atlas Self Support System



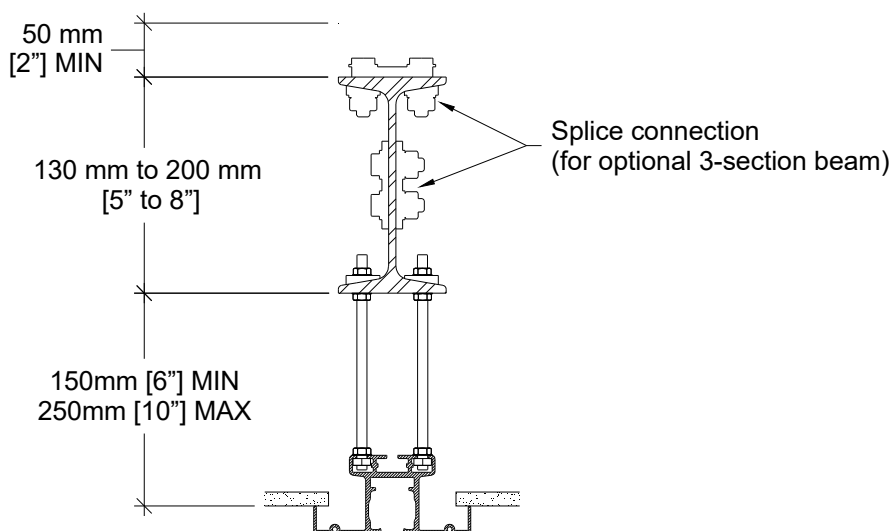
Features

- Self-supporting floor-mounted structure engineered to provide reliable support for operable partitions in spaces where overhead structural support is not available.
- Designed for both retrofit and new construction applications, it offers the freedom to incorporate movable partitions in locations where they were previously difficult or impossible to achieve.
- Designed specifically for the following Moderco movable partitions :
 - Signature 842
 - Excel 732
 - Crystal 240 and 242
 - Vision 122
- Compatible with all Moderco aluminum track systems.
- Easy on-site assembly.
- Available as a single steel beam or an optional 3-section steel beam.
- S5, S6 or S8 steel beam, based on span and panel weight.
- 67 mm x 100 mm [2 5/8" x 4"] 6063-T6 aluminum alloy support columns.
- Concealed base plate for each column limits the direct load on the floor to 2760 kPa [400 psi] maximum.
- Beam fastened to columns with steel brackets.
- Beam pre-punched for track hanger rods.
- Lateral bracing required, supplied and installed by others. Lateral bracing must be installed at the same time as the self-support system.
- Maximum movable partition height: 3658 mm [12'-0"] underside of track.
- Maximum installation width: 7467 mm [24'-6"].
- Maximum capacity: 225 kg [500 lbs] per panel.

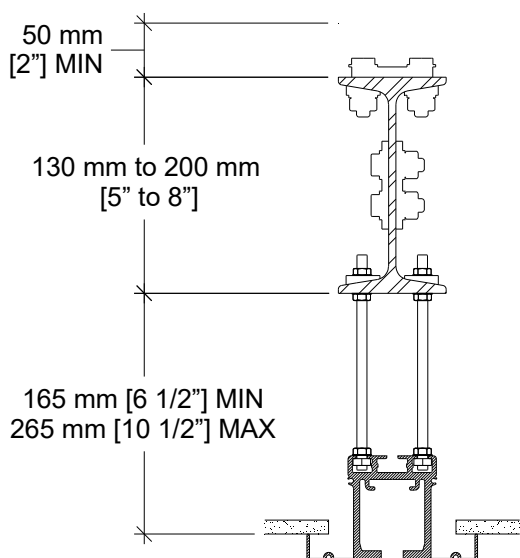
Connection details



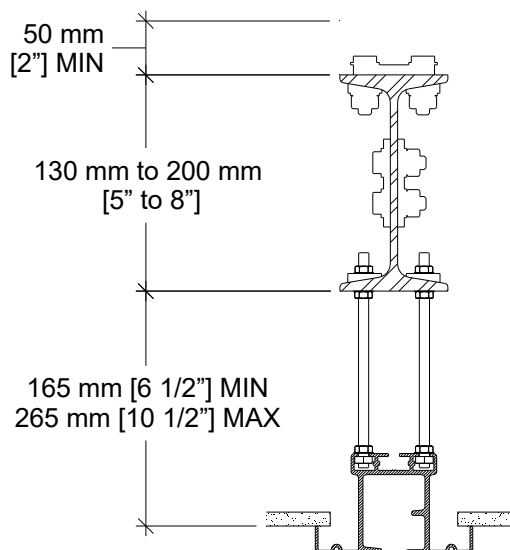
Available track systems



#45-T Track
Movable partitions:
240 / 242 / 732 / 842

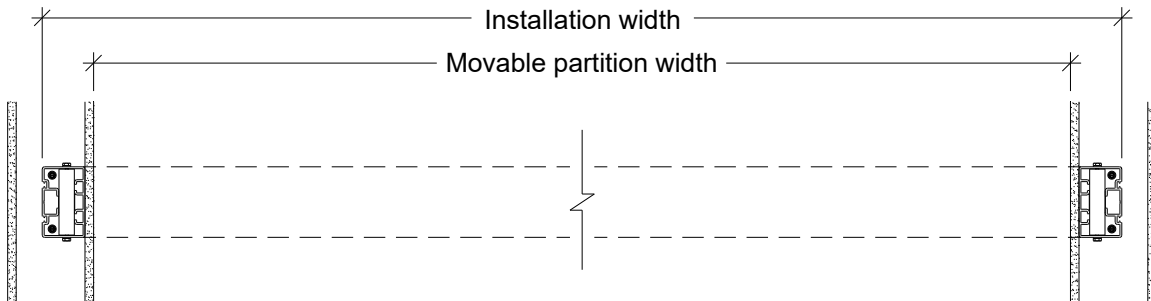
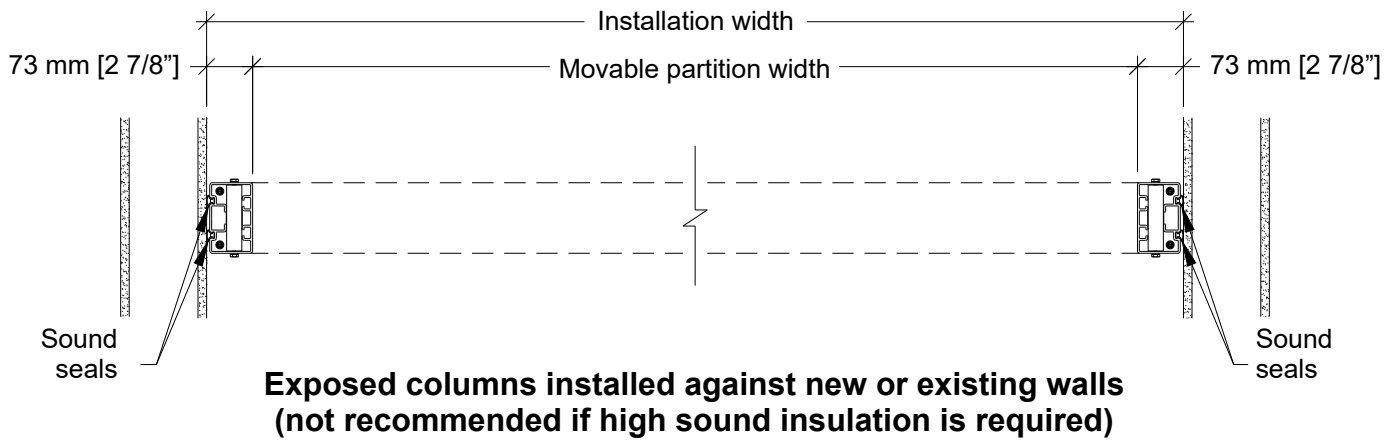


#55-T Track
Optional for movable partitions:
242 / 732 / 842

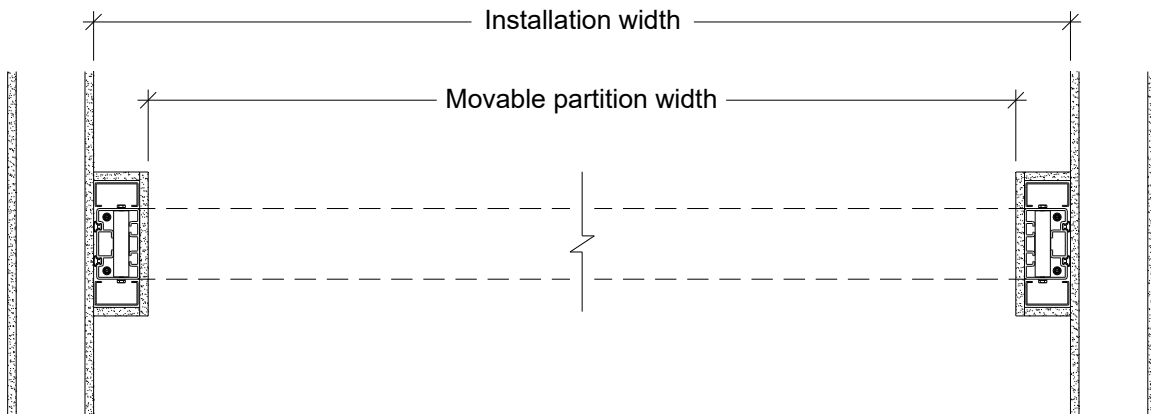


#23-T Track
Movable partition:
122

Plan Views

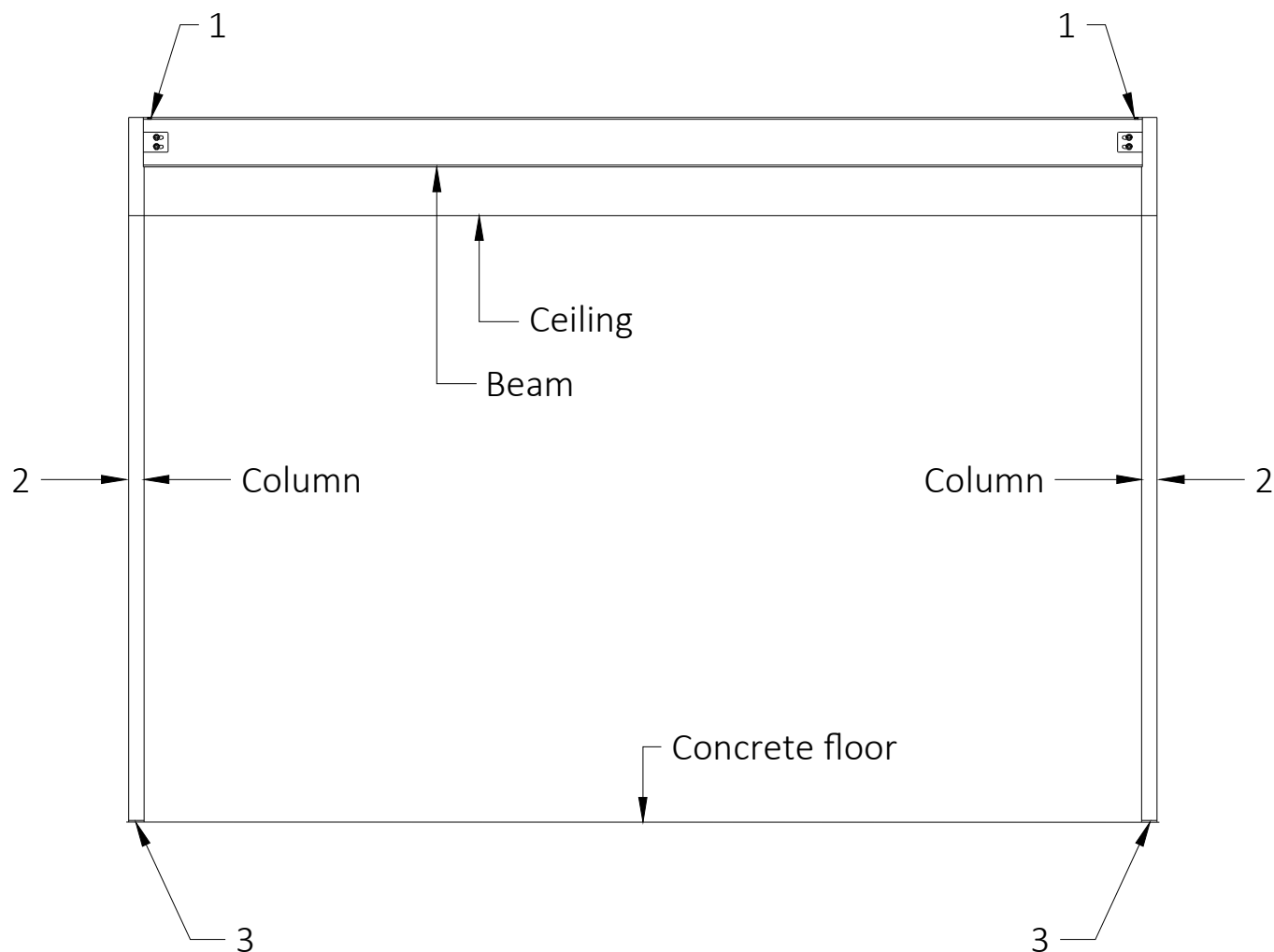


Embedded columns inside new walls



Wrapped columns installed against new or existing walls (column cladding by others)

Elevation



- 1- Two Ø14.3 mm [0.563"] holes available for lateral bracing at each extremity.
- 2- For exposed columns against walls, adjacent walls must be plumb within 6 mm [1/4"] along entire height.
- 3- Columns must be installed directly on concrete floor. The difference in relative level of the columns must not vary by more than 6 mm [1/4"].