INSTALLATION GUIDE

Abre Collection

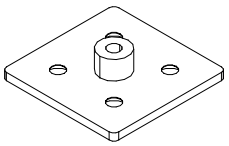
April 1, 2017

TUOHY

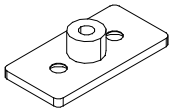
Hardware/Parts List:

TUOHY

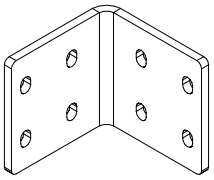
Typical Plates & Mounting Brackets



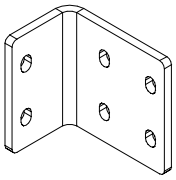
3" x 3"
Leveler Plate



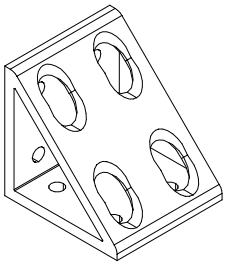
1.5" x 3"
Leveler Plate



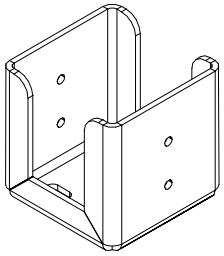
2.7" x 2.7"
Spine to Spine
90° Corner Bracket



1.7" x 2.7"
Spine to Spine
90° Corner Bracket



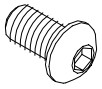
8 Hole
Beam to Post
Inside Corner Bracket



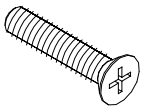
3" x 3" x 3"
U-Shaped Hutch
Bracket

Fasteners

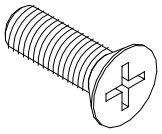
10-32 x 1/2"
Flat Head Screw



1/4-20 x 1/2"
Button Socket Cap Screw

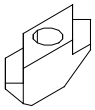


10-32 x 1"
Machine Screw



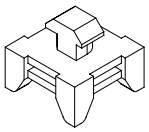
5/16-18 x 1"
Flat Head Screw

10-32 Nut



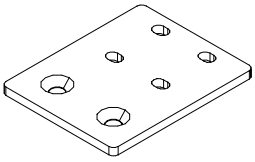
1/4-20 Drop-In
T-Nut

10-32 Drop-In
T-Nut

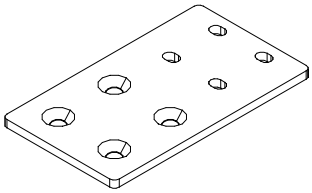


Cable Mount Block
1/4 Turn Connection

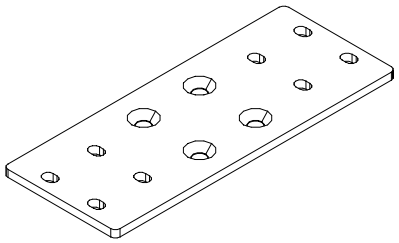
6" Cable/Wire Zip Tie



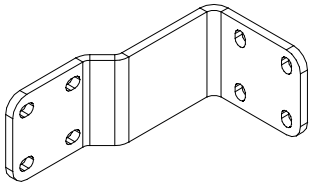
3" x 3.75"
Post to Spine
Connector Plate



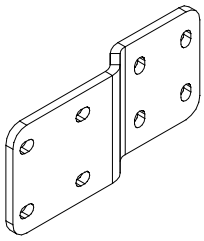
3" x 5.25"
Post to Spine
Connector Plate



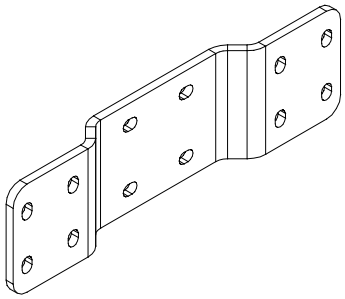
3" x 7.5"
Post to Spine
Connector Plate



1.96" x 3" x 5"
Spine to Spine Stand-Off
Desk Hgt. to Cred. Hgt.



2.5" x 5.5"
Spine to Post
Single Sided Plate

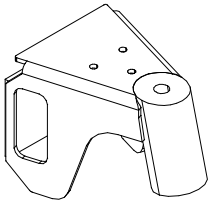


2.5" x 8.76"
Spine to Post to Spine
Double Sided Plate

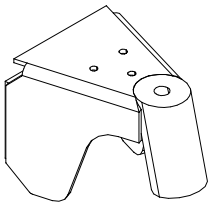
Hardware/Parts List:

TUOHY

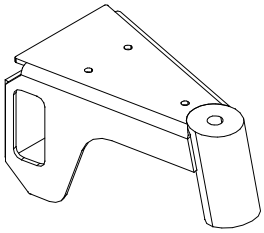
Leg Support Brackets



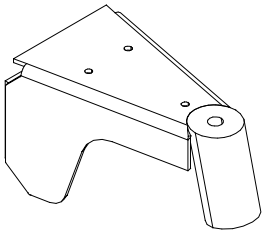
3.5" Leg Support
(With Pass-Thru)



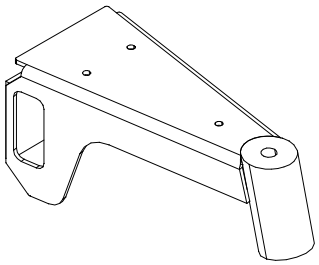
3.5" Leg Support
(No Pass-Thru)



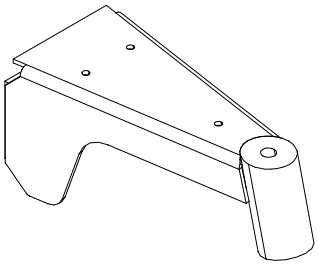
5.5" Leg Support
(With Pass-Thru)



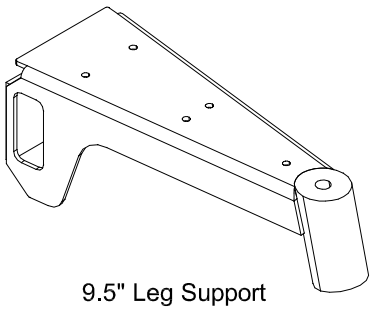
5.5" Leg Support
(No Pass-Thru)



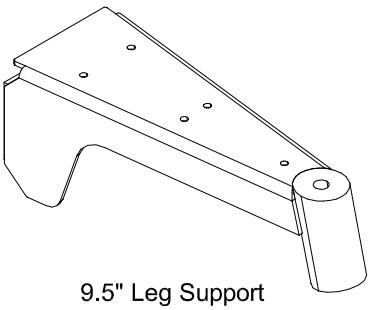
7.5" Leg Support
(With Pass-Thru)



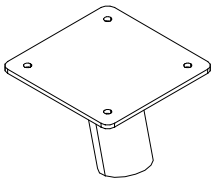
7.5" Leg Support
(No Pass-Thru)



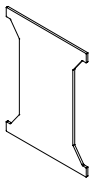
9.5" Leg Support
(With Pass-Thru)



9.5" Leg Support
(No Pass-Thru)

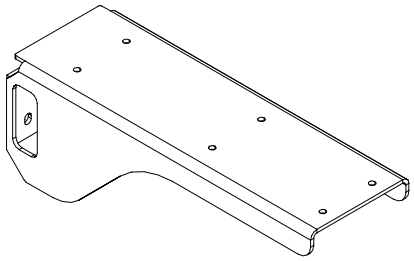


WKSF Leg Bracket
4" x 4" w/ Angled Sleeve

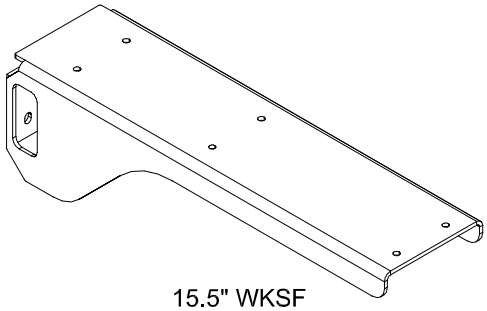


Spine
End Cap

WKSF Support Brackets



12.5" WKSF
Support Bracket



15.5" WKSF
Support Bracket

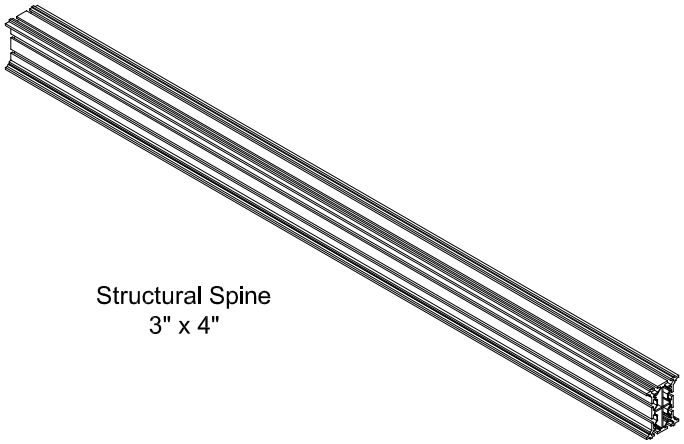
Legs

28.5" Leg
Desk Hgt.

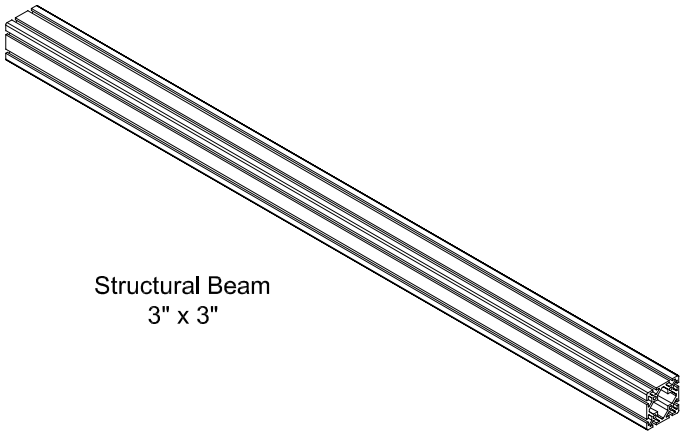
34.5" Leg
Standing Hgt.

Structural Components

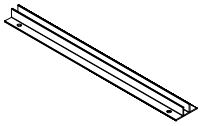
Horizontal Members



Structural Spine
3" x 4"

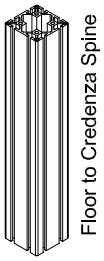


Structural Beam
3" x 3"

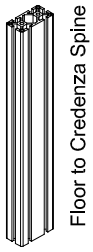


16" Divider Channel

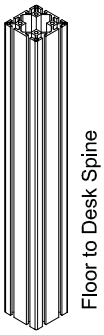
Vertical Posts
From Floor Up-ward



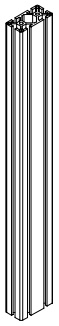
Floor to Credenza Spine
3" x 3"
17.375" High
Post



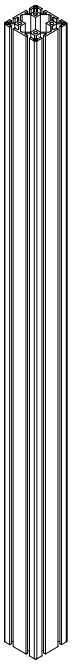
Floor to Credenza Spine
1.5" x 3"
17.375" High
Post



Floor to Desk Spine
3" x 3"
23.375" High
Post

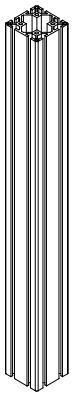


Floor to Desk Spine
1.5" x 3"
23.375" High
Post

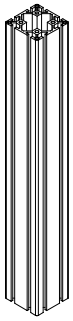


Floor to Overhead Beam
3" x 3"
50.06" High
Post

VERTICAL POSTS
From WKSF Height Up-ward



Credenza Height to Overhead Beam
3" x 3"
28.31" High
Post

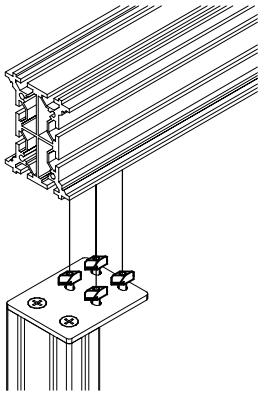


Desk Height to Overhead Beam
3" x 3"
22.31" High
Post

Typical Structural Connections

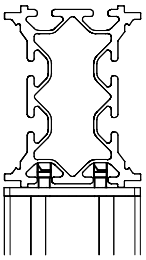
TUOHY

Typical T-Nut Fastener Installation Instructions

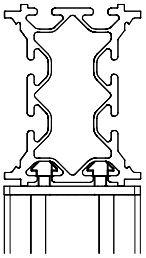


These General Instructions Shall Apply to All Bracket and Plate Connections that Require T-Nut Fasteners as Part of the Connection.

- Insert 1/4-20 x 1/2" BSCS Thru Hole in Plate / Bracket & Thread T-Nut 2-Turns Onto Bolt. Repeat for Rest of Connection Holes.
- Next, Align All T-Nuts so that they Match the Extrusion Being Connected & Depress Into Channel.



- Should Look Like This Before Further Tightening Takes Place.

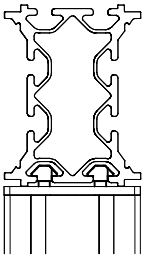


ATTENTION :

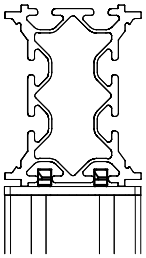
- As Initial Tightening of Each BSCS Begins, T-Nuts Must Pivot in Channel Engaging the Shoulders of T-Nut Against the Walls of the Channel.

- Pay Special Attention that Each T-Nut "Engages" Before Continuing to Tighten Each Bolt.

-Repeat Until All Bolts Have Been Tightened.



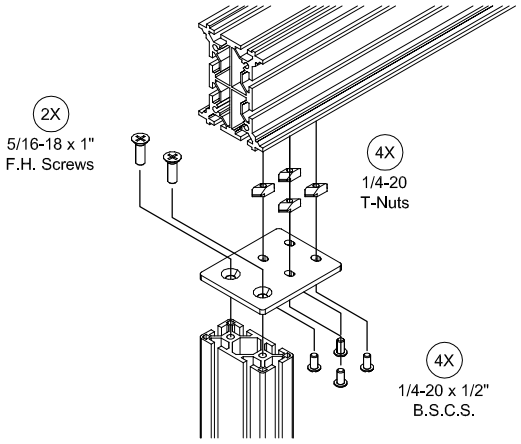
CORRECT



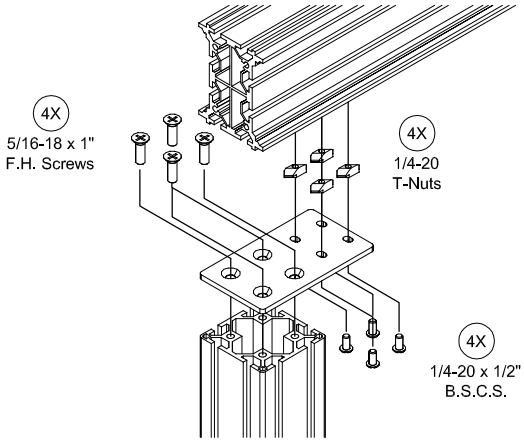
INCORRECT

Shoulders Did Not Engage Into Sides of Channel.

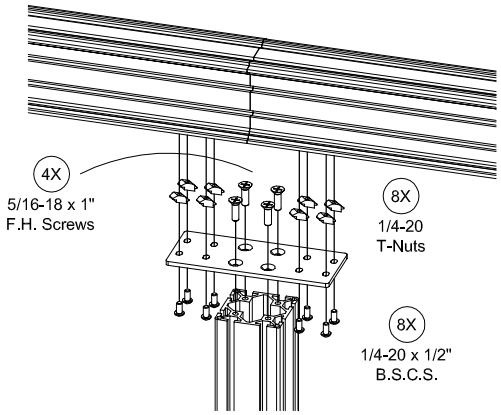
Floor Posts With Pre-Installed Leveler Plates & Levelers



Typical 1.5" x 3" Post to Spine Connection

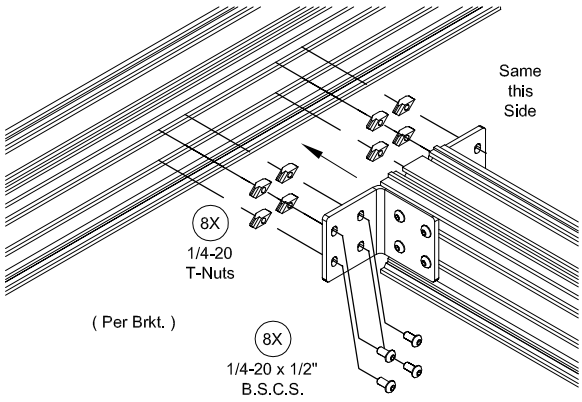


Typical 3" x 3" Post to Spine Connection

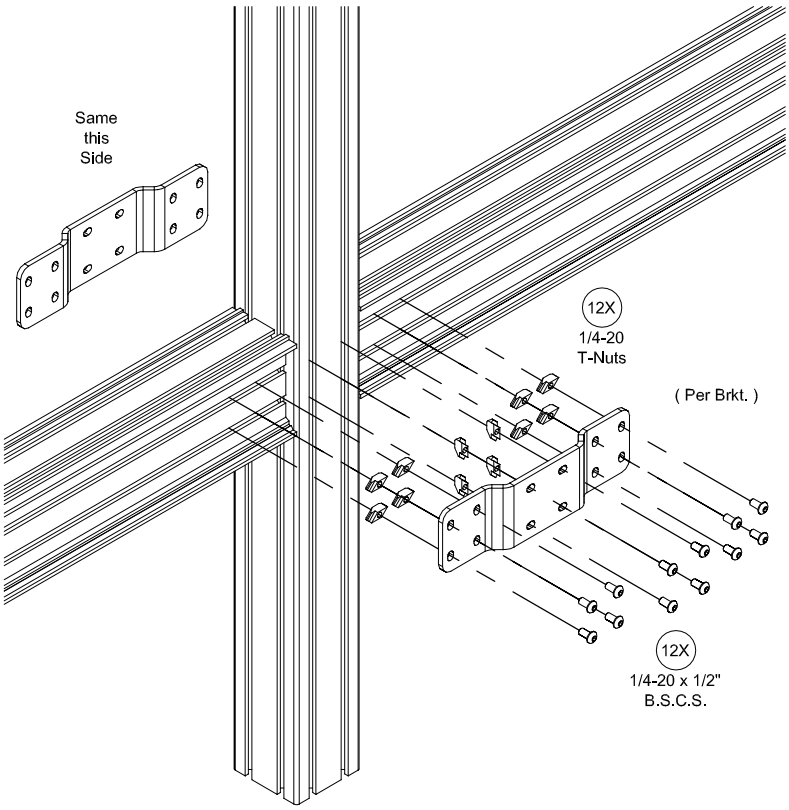


Typical 3" x 3" Post to Spine Joint Connection

Typical Structural Connections

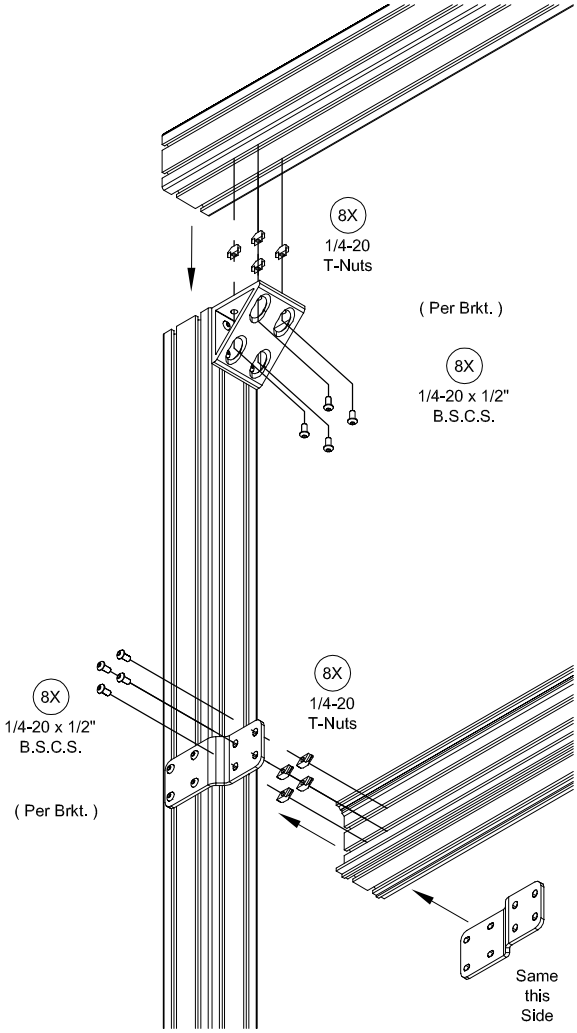


Typical Spine to Spine
"T-Connection" Same Height



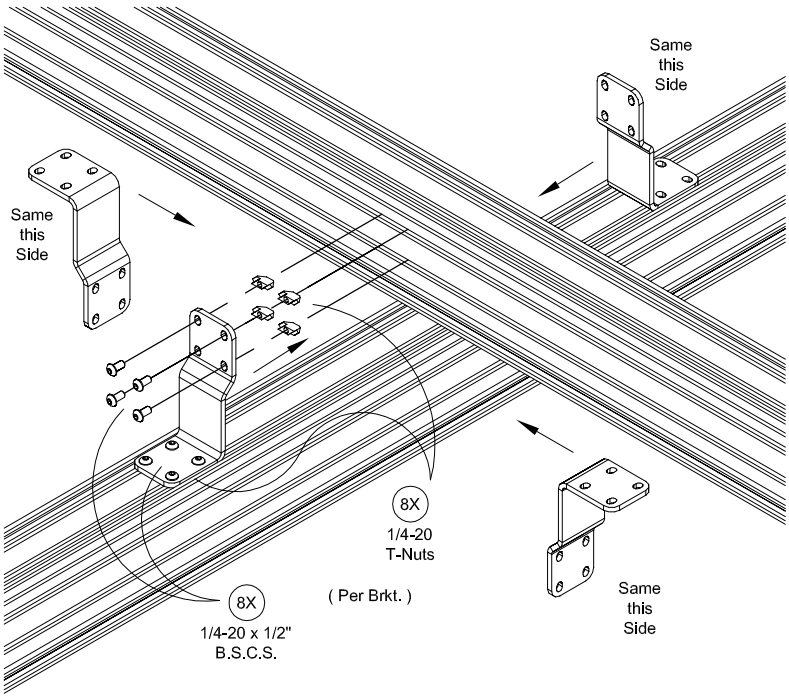
Typical Spine to Post to Spine Connection

Typical Overhead Beam to Post Connection



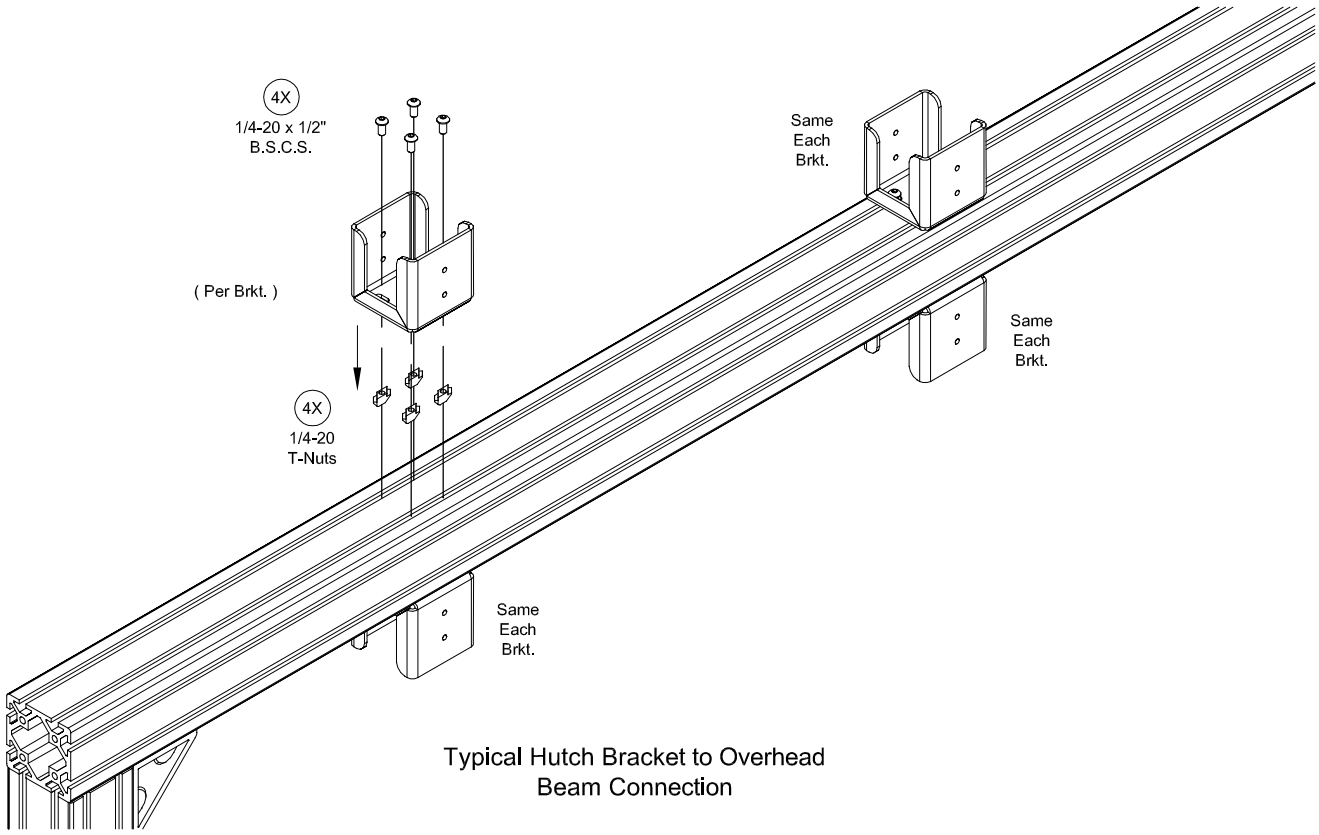
Typical Spine to Post w/ Overhead
Beam Connection

(Up-Ward View)

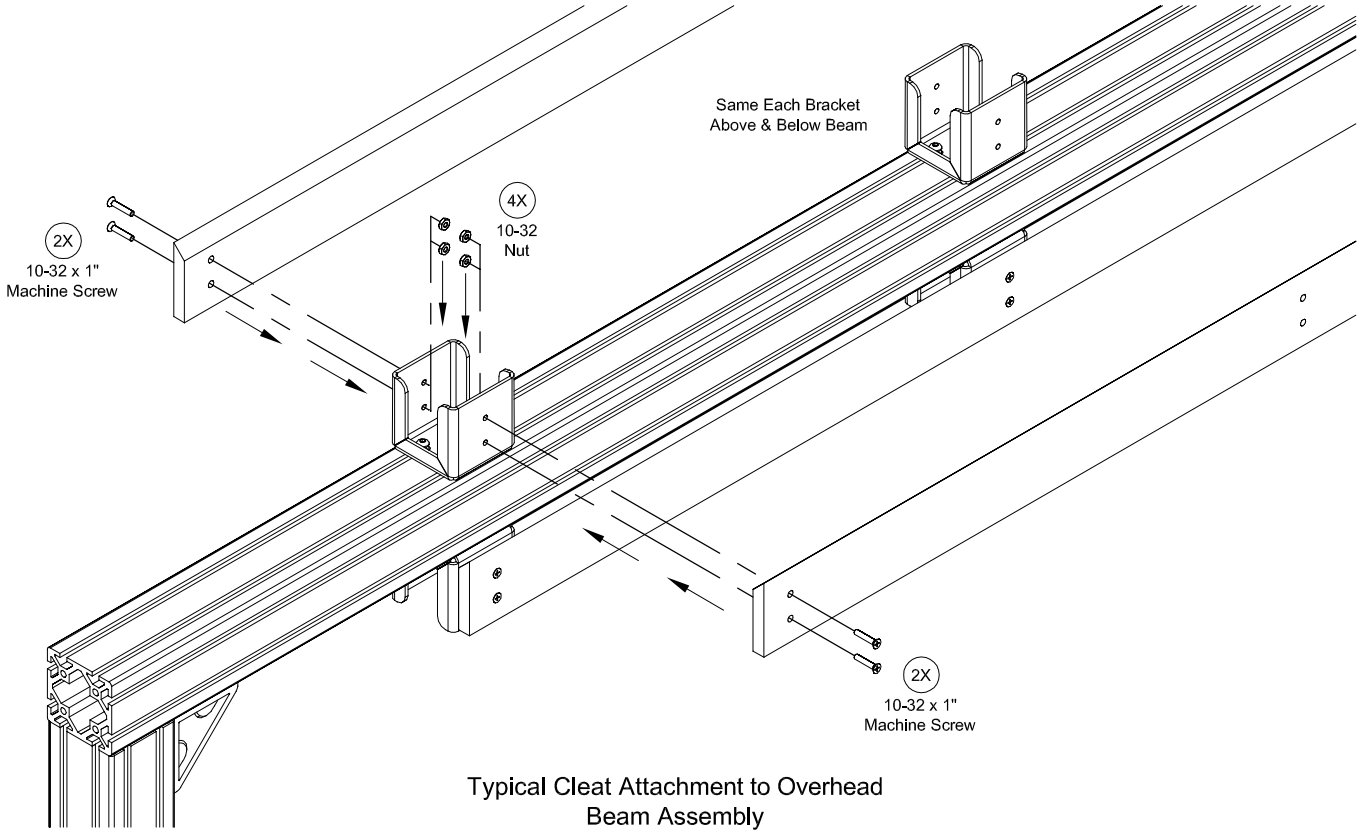


Typical Desk Height Spine
Intersecting Credenza Height Spine
@ 90° Connection

Typical Structural Connections

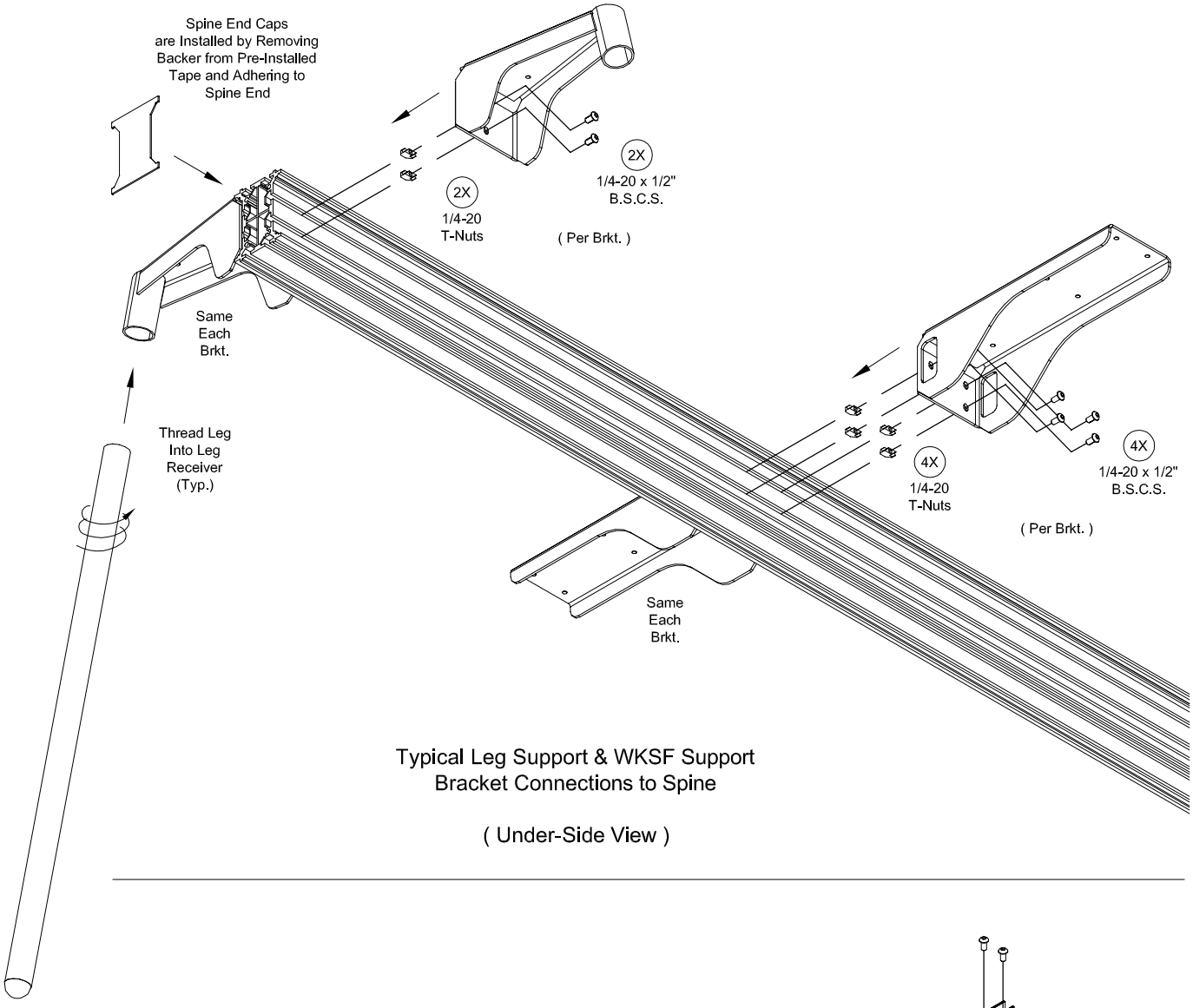


Typical Hutch Bracket to Overhead
Beam Connection



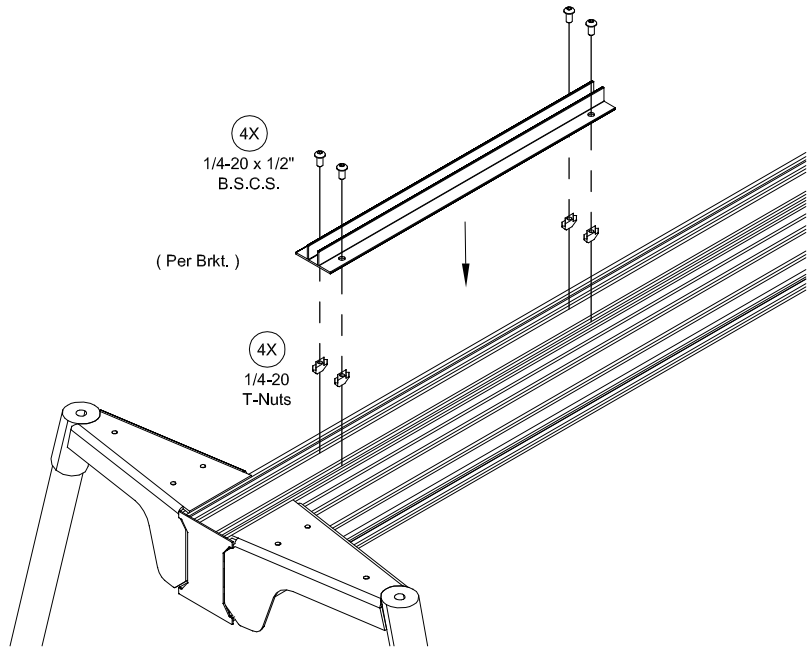
Typical Cleat Attachment to Overhead
Beam Assembly

Typical Structural Connections



Typical Leg Support & WKSF Support
Bracket Connections to Spine

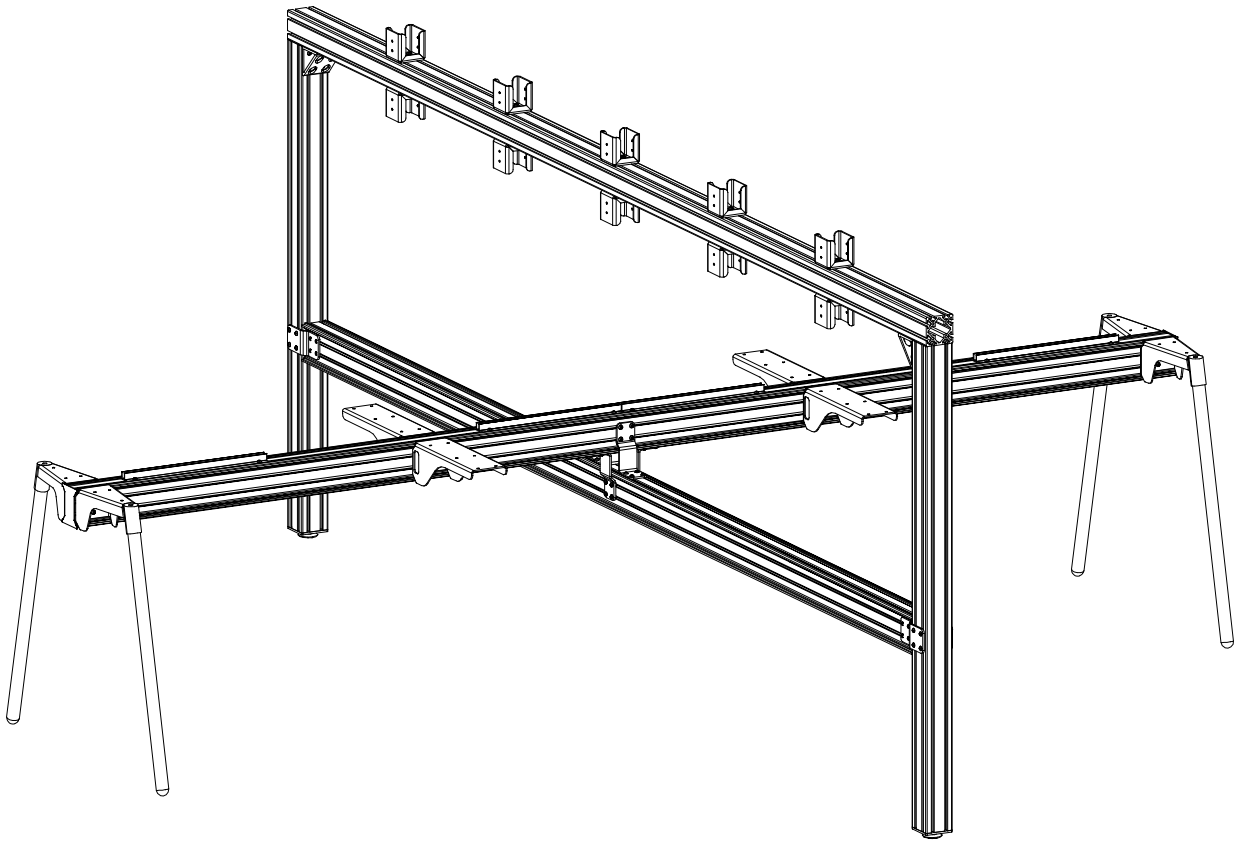
(Under-Side View)



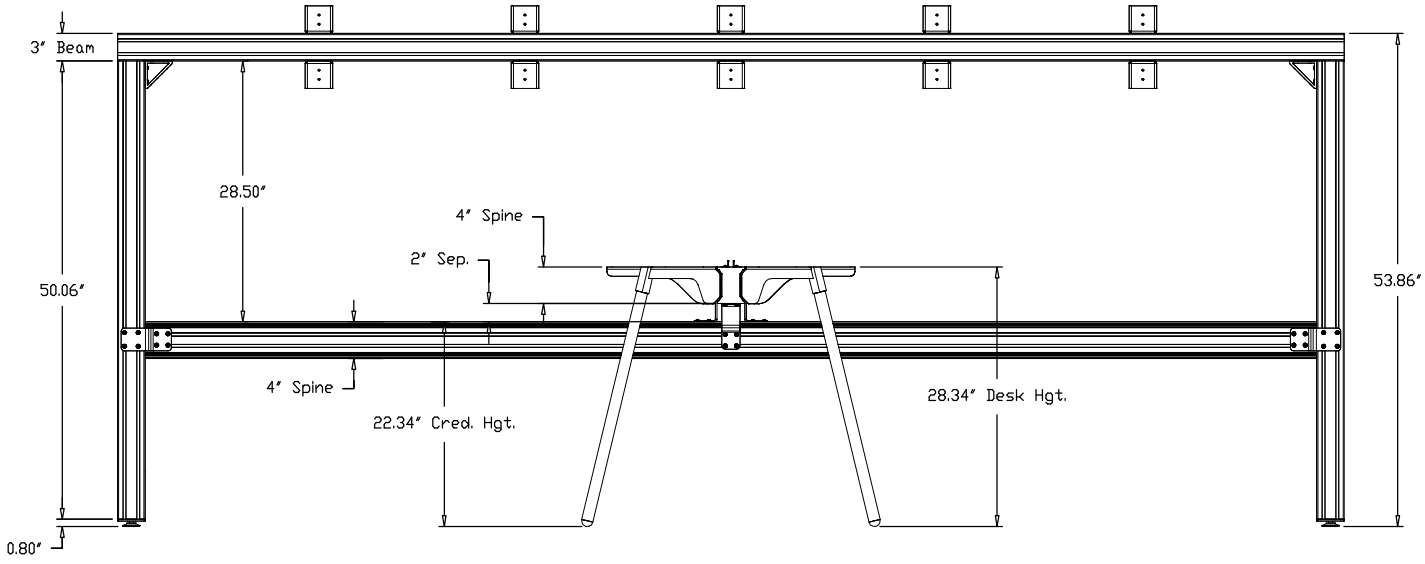
Typical 16" Divider Channel
Connection to Spine

(Top-Side View)

Example Structural Assembly Views



Typical Connections Over-View Diagram



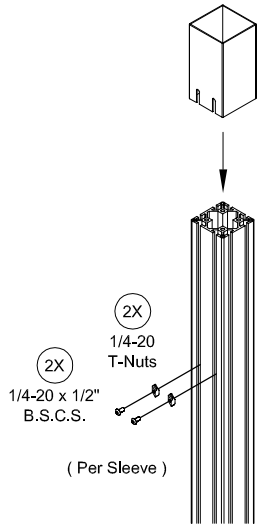
Typical Structural Heights Diagram

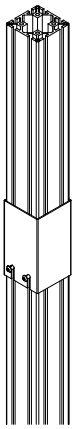
(Heights Shown Do Not Include WKSF Thickness)

Example Structural Assembly Views

TUOHY

Typical Post Sleeve Installation





NOTE:
Sleeve must be Slid Down Over Top of Post Prior to Connecting Upper Horizontal Structural Beams to Post.

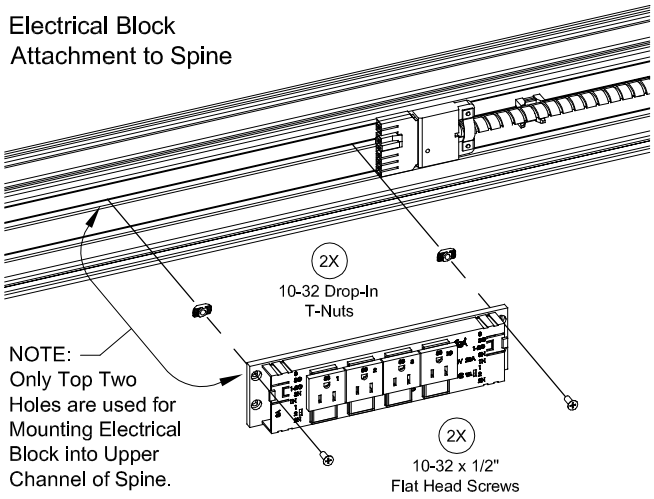
Slots at Bottom of Sleeve to be Captured by Heads of B.S.C.S. Bolts. Temporarily Tighten Sleeve in a Location out of the way for Upper Structural Beam Connections.

Actual Installed Location of Sleeve will be Determined Once Overhead Hutch is Installed on Structure by Loosening Bolts and Sliding Sleeve up to Meet Under-Side of Overhead Unit.

Electrical Mounting Details

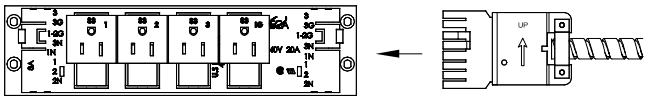
TUOHY

Electrical Block
Attachment to Spine



ECA Power Module
Electrical Block

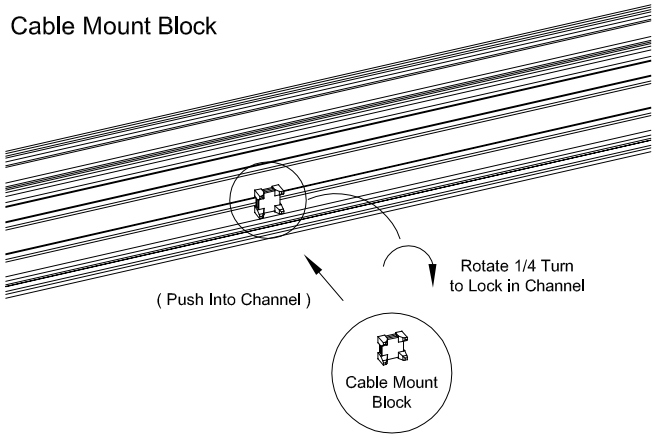
Power Cable
End Connector



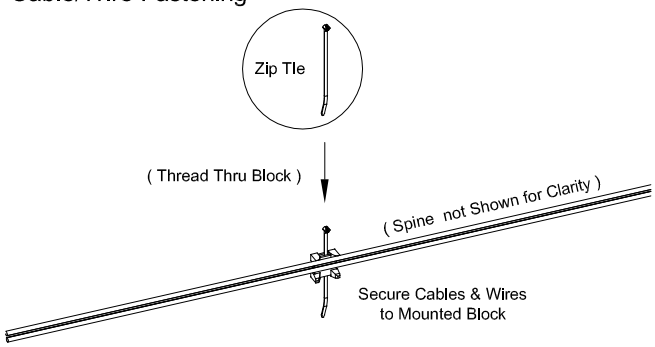
(Electrical Block Accepts Cable
Connections at Both Ends)

Electrical Block Connection Details

Cable Mount Block

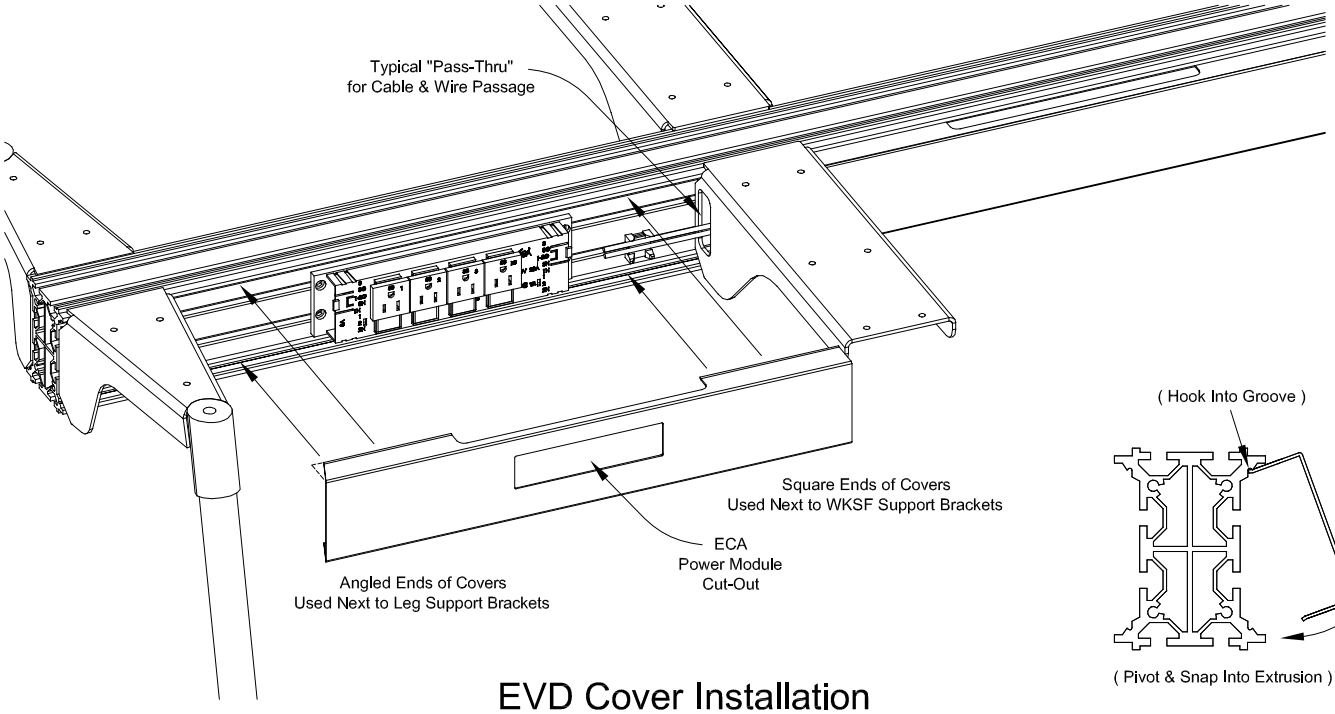


Cable/Wire Fastening



Cord Management

(Cable Mount Block & Zip Tie)

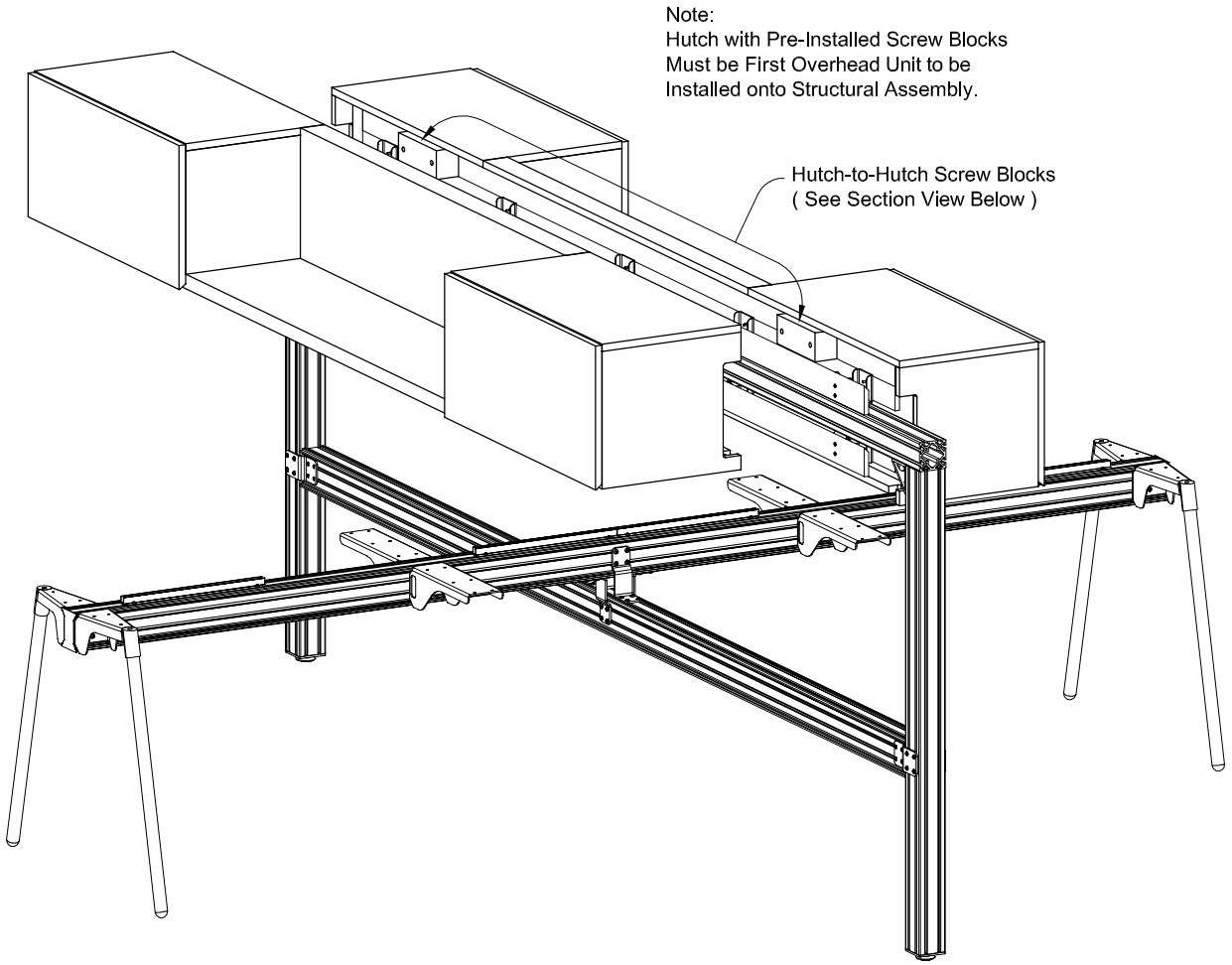


EVD Cover Installation

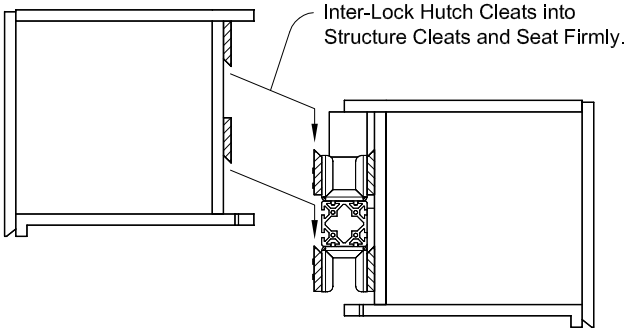
(Electrical/Voice/Data Cover)

Open-Plan Layout Casegoods Installation
Overhead Hutch Installation Details

TUOHY

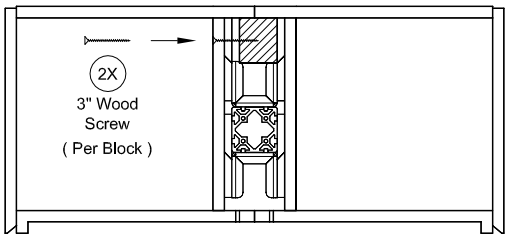


Hutch Installation to Structural Assembly



Cleat Seating
(Section View)

With Overhead Units Positioned and Held Together Along the Top, Install Provided 3" Wood Screws Thru Interior Back Panel into Hutch-to-Hutch Screw Block to Tightly Fasten Overhead Units Together.



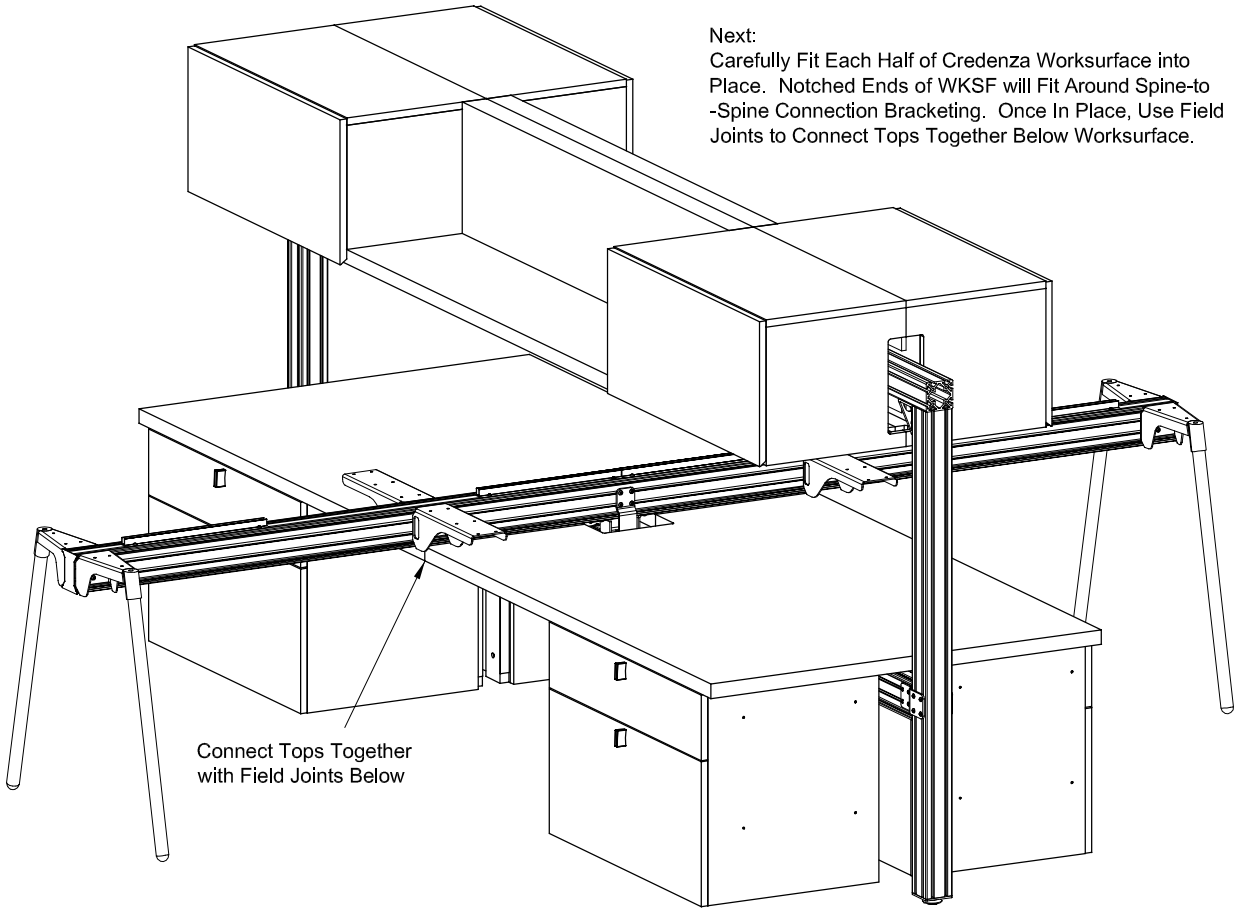
Hutch to Hutch Fastening
(Section View)

Open-Plan Layout Casegoods Installation
Credenza Worksurface Pre-Installation Planning

TUOHY

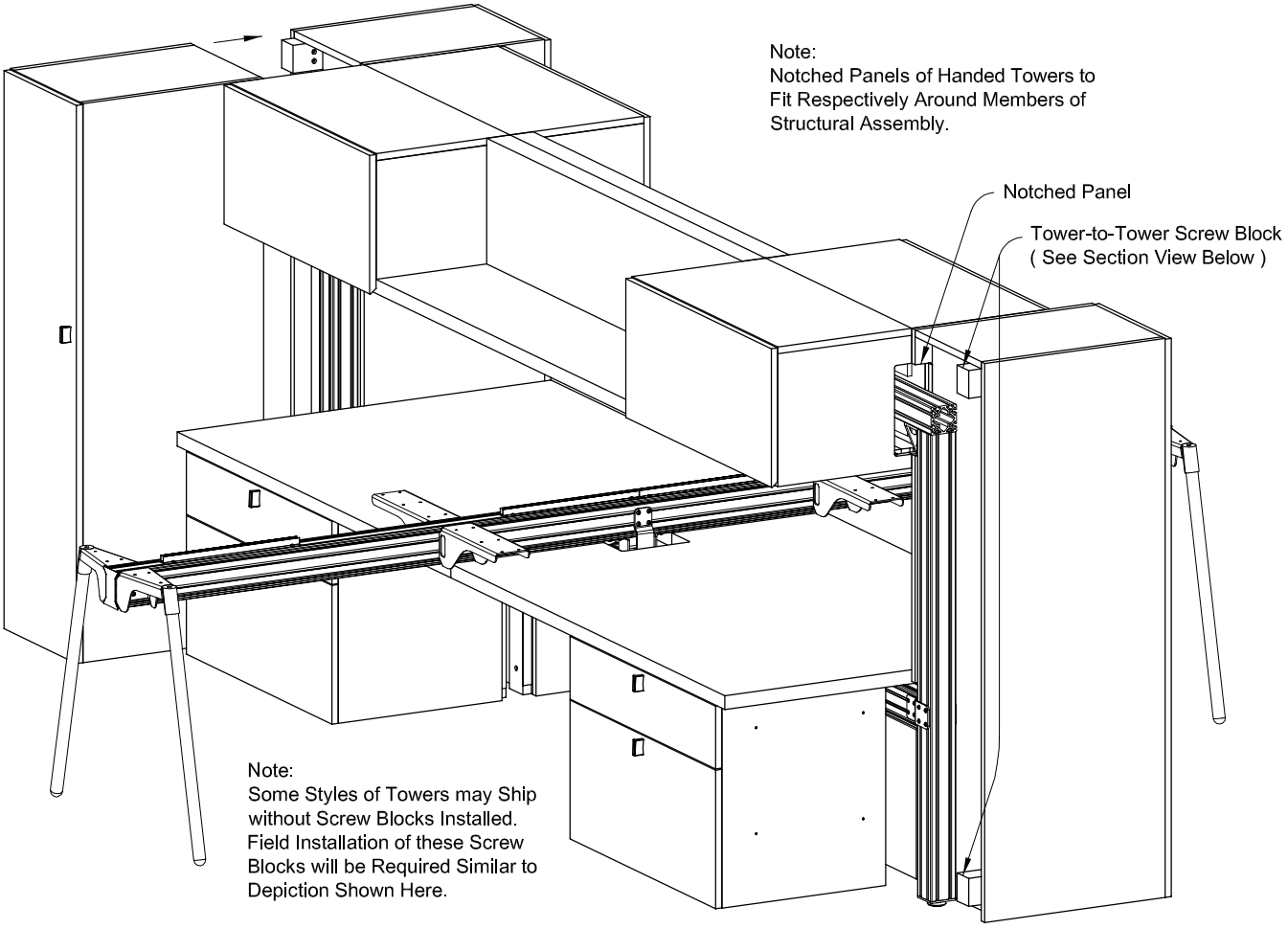
Note:
Move Pedestals to Approximate Installed Locations to Provide Resting Supports for the Credenza Worksurfaces.

Next:
Carefully Fit Each Half of Credenza Worksurface into Place. Notched Ends of WKSF will Fit Around Spine-to -Spine Connection Bracketing. Once In Place, Use Field Joints to Connect Tops Together Below Worksurface.



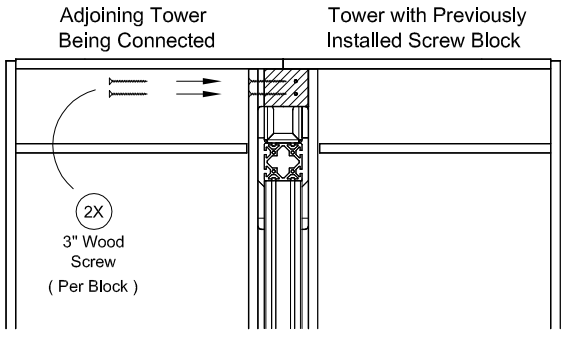
Credenza WKSF Pre-Installation to Structural Assembly

Open-Plan Layout Casegoods Installation
Tower Installation Details



Tower Installation to Structural Assembly

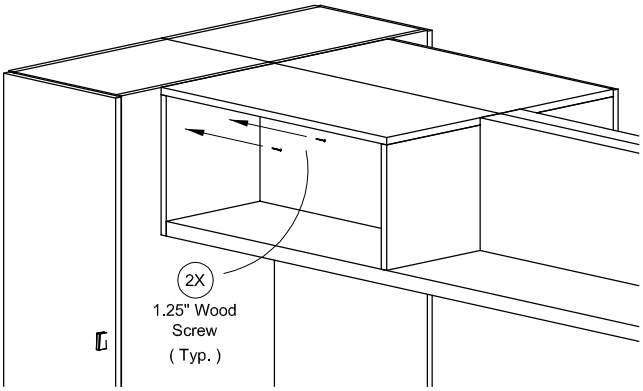
With Towers Leveled and Positioned, Install Provided 3" Wood Screws Thru Interior of Tower Back into Tower-to-Tower Screw Block to Tightly Fasten Tower Units Together.



Make Similar Connection with Lower Screw Block Located Towards Bottom of Towers. (Reference View Above)

Tower to Tower Fastening
(Section View)

With Towers Leveled and Aligned with Overhead Units, Fasten Overheads Securely to Towers with Provided 1.25" Wood Screws Thru Interior of Unit.

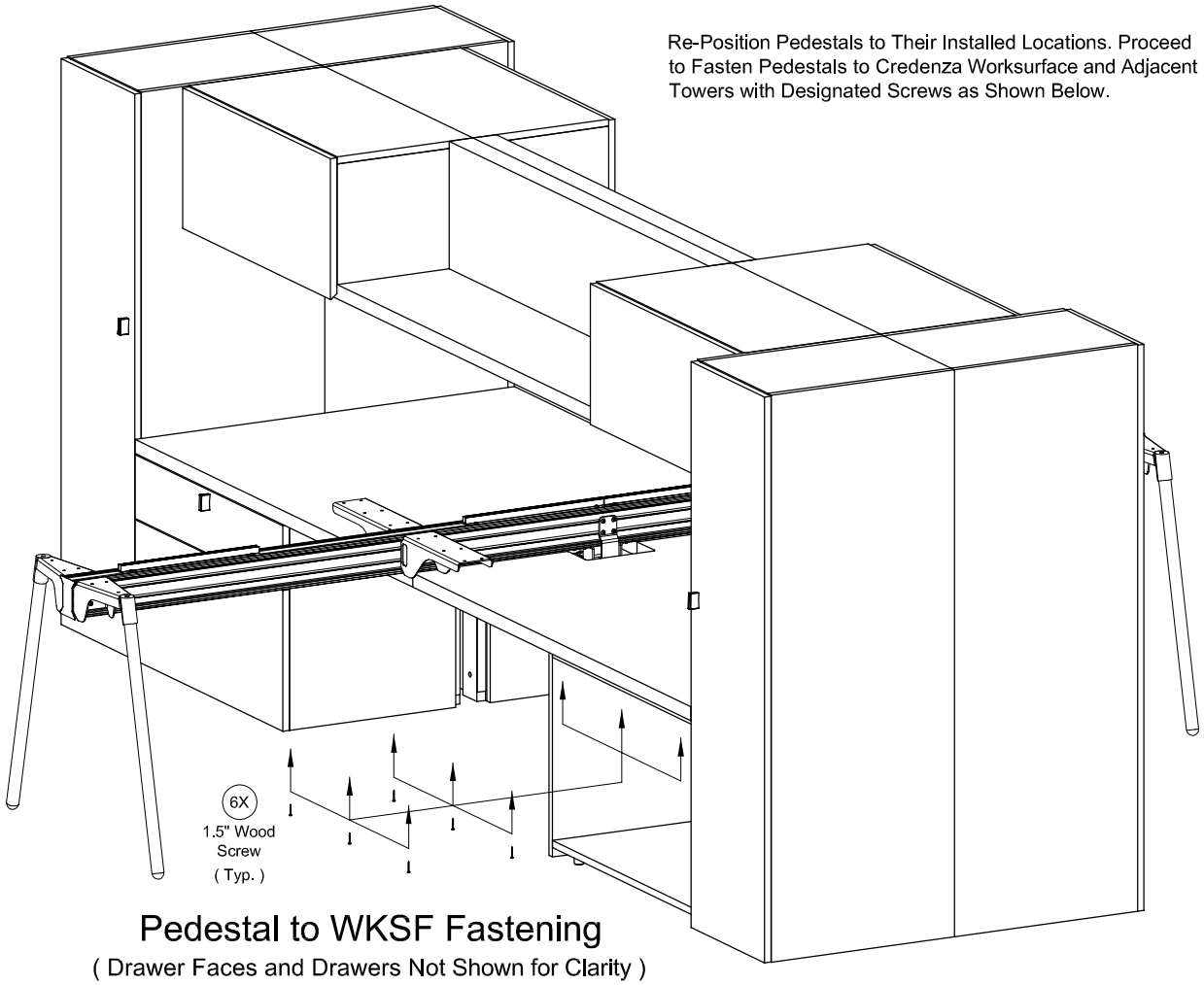


Hutch to Tower Fastening
(Hutch Door Not Shown for Clarity)

Open-Plan Layout Casegoods Installation
Credenza Pedestal Installation Details

TUOHY

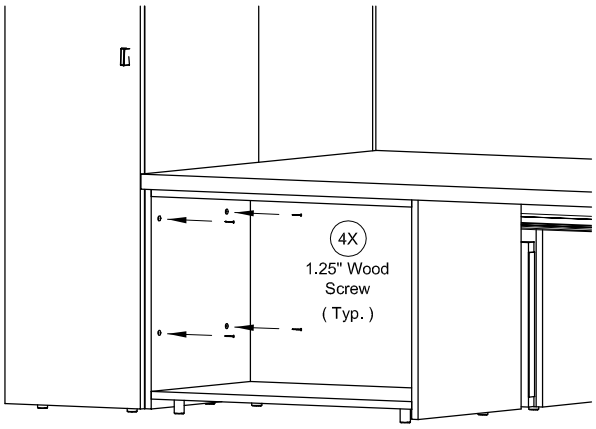
Re-Position Pedestals to Their Installed Locations. Proceed to Fasten Pedestals to Credenza Worksurface and Adjacent Towers with Designated Screws as Shown Below.



Pedestal to WKSF Fastening

(Drawer Faces and Drawers Not Shown for Clarity)

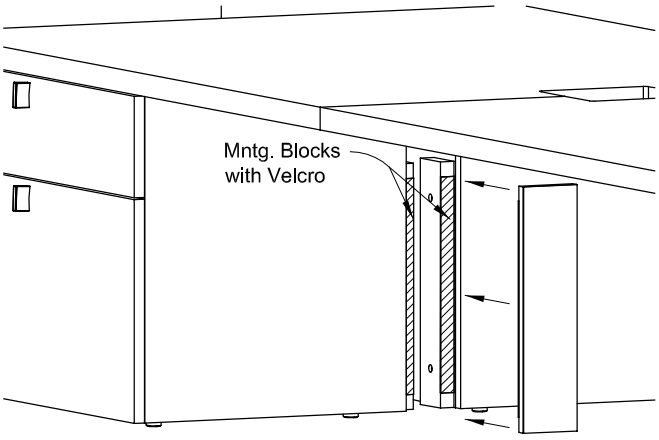
Credenza Pedestal Installation to Structural Assembly



With Pedestals Leveled and Positioned, Secure Pedestals to Towers with Provided 1.25" Wood Screws Thru Interior of Unit.

Pedestal to Tower Fastening

(Drawer Faces and Drawers Not Shown for Clarity)

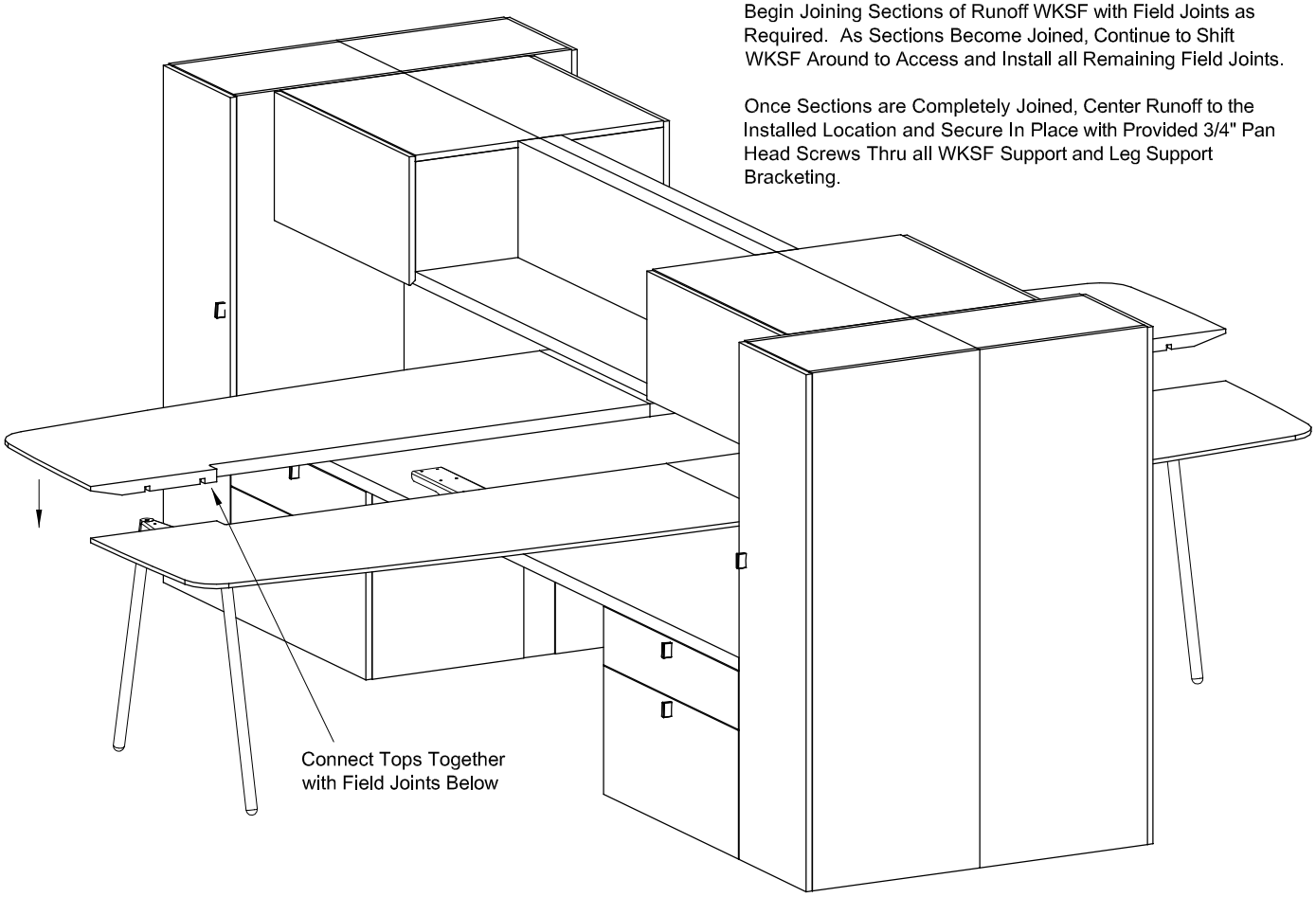


With Pedestals Secured and in Position, Install Access Covers to Pre-Installed Mounting Blocks on Pedestal Backs using Velcro.

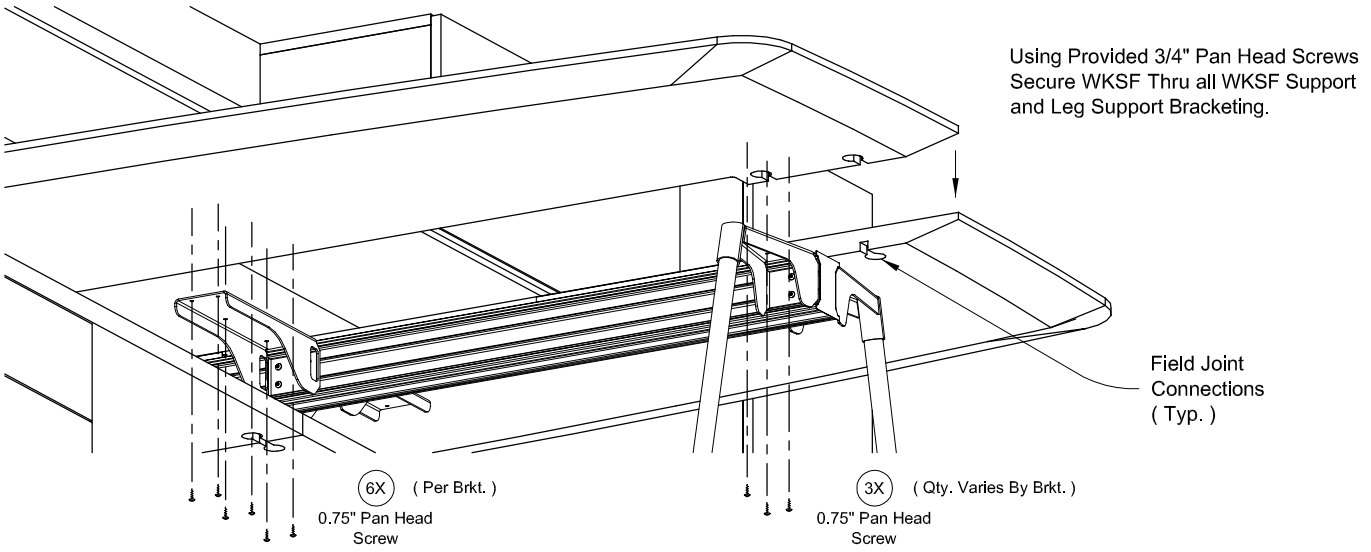
Access Cover Installation

Open-Plan Layout Casegoods Installation
Runoff Desk Worksurface Installation Details

TUOHY



Runoff Desk WKSF Installation to Structural Assembly

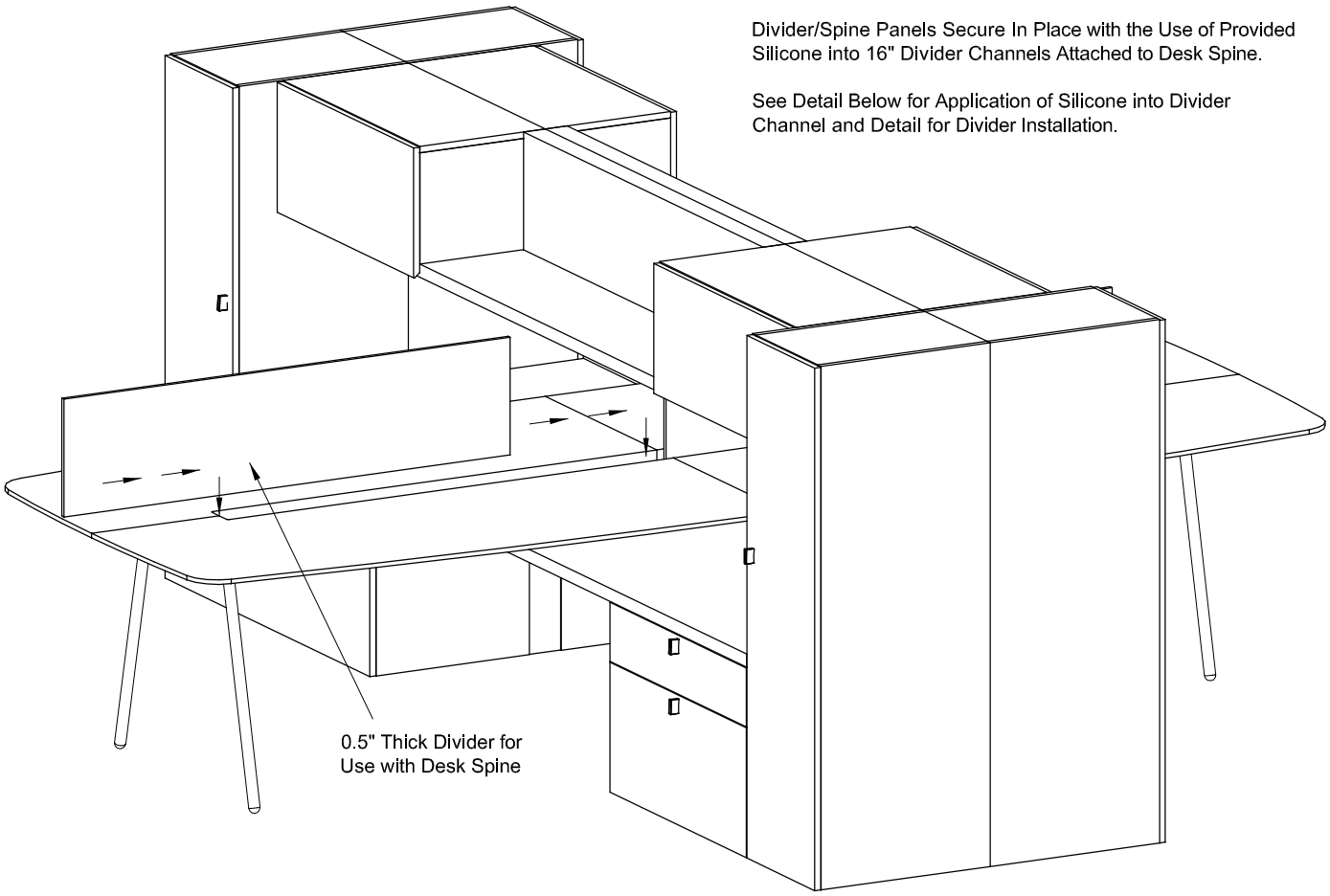


WKSF Fastening to Support Bracketing

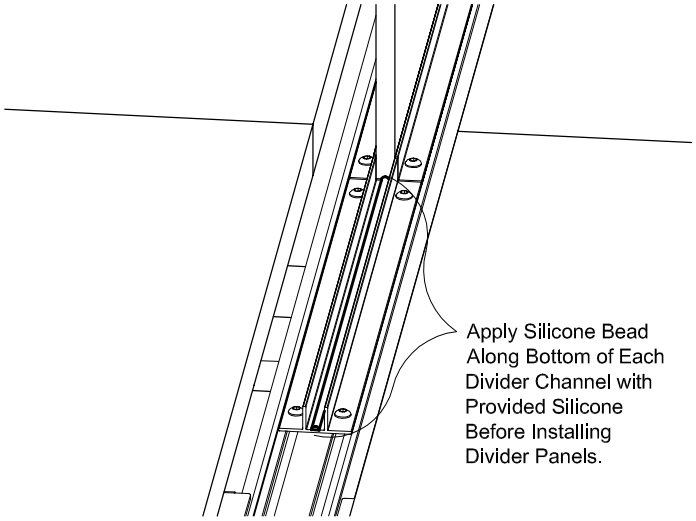
(Under-Side View)

Open-Plan Layout Casegoods Installation
Divider/Spine Panel Installation Details

TUOHY

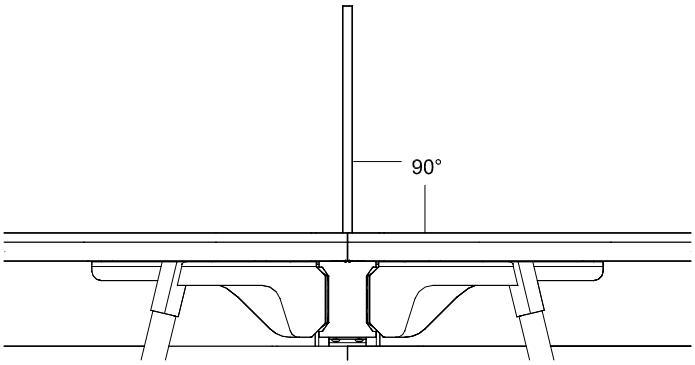


Divider/Spine Panel Installation to Structural Assembly



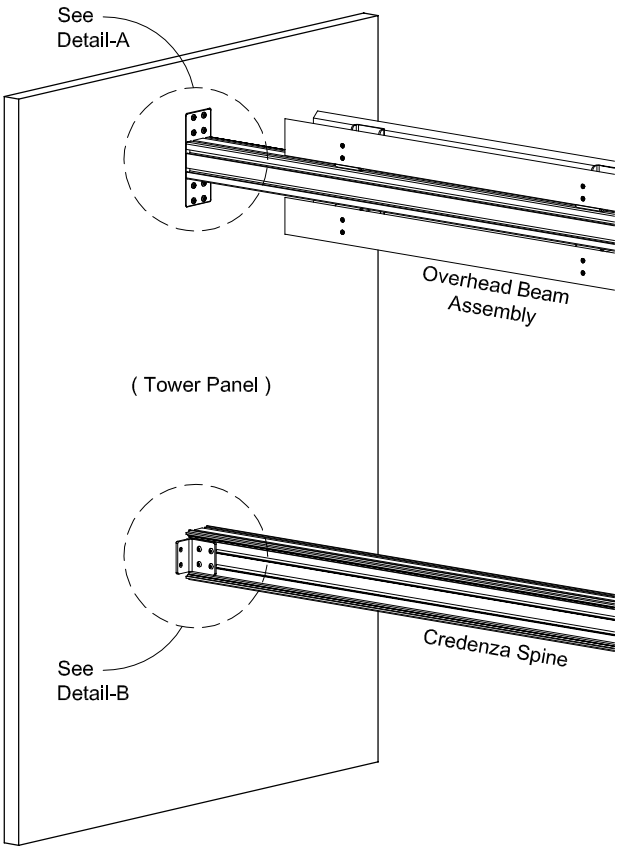
Silicone Application Detail

Seat Divider Panel into Divider Channels and Settle Into Position. Panel Must be Supported with Temporary Bracing in Vertical Position Until Silicone Sets.

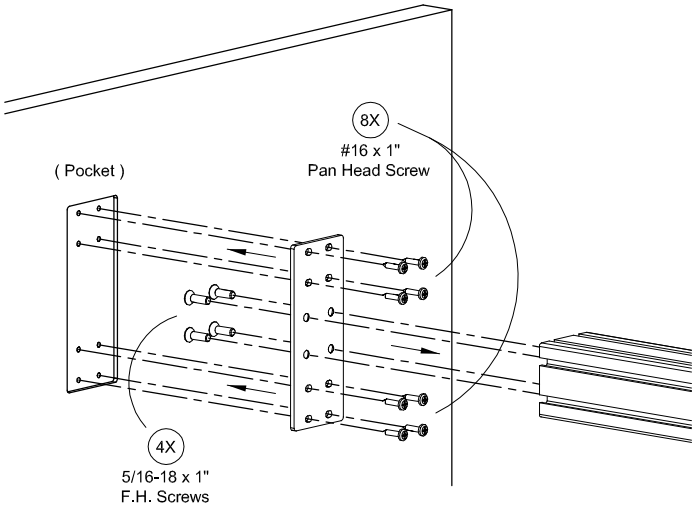


Divider/Spine Panel Installation

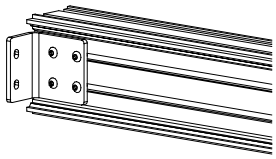
Open-Plan Layout Casegoods Installation
Tower Panel to Structural Member Connection Details



Tower Panel to Structural Member Connections



Overhead Beam to Tower Panel Connection (Detail-A)



Credenza Spine to Tower Panel Connection (Detail-B)