INSTALLATION INSTRUCTIONS
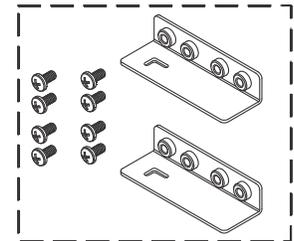
TIL1X2PT

TIL1X3PT

TIL1X4PT

TILVABPT
Accessory

PT Series LED Wall Mounts / Accessory

⬡ **CHIEF**®

A brand of ⬛ **legrand**®

TIL1X2PT / TIL1X3PT / TIL1X4PT / TILVABPT

DISCLAIMER

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DEFINITIONS

MOUNTING SYSTEM: A MOUNTING SYSTEM is the primary Chief product to which an accessory and/or component is attached.

ACCESSORY: AN ACCESSORY is the secondary Chief product which is attached to a primary Chief product, and may have a component attached or setting on it.

COMPONENT: A COMPONENT is an audiovisual item designed to be attached or resting on an accessory or mounting system such as a video camera, CPU, screen, display, projector, etc.

⚠ **WARNING:** A WARNING alerts you to the possibility of serious injury or death if you do not follow the instructions.

⚠ **CAUTION:** A CAUTION alerts you to the possibility of damage or destruction of equipment if you do not follow the corresponding instructions.

⚠ **IMPORTANT SAFETY INSTRUCTIONS**

⚠ **WARNING:** Failure to read, thoroughly understand, and follow all instructions can result in serious personal injury, damage to equipment, or voiding of factory warranty! It is the installer's responsibility to make sure all mounting systems are properly assembled and installed using the instructions provided.

⚠ **WARNING:** Failure to provide adequate structural strength for this mounting system can result in serious personal injury or damage to equipment! It is the installer's responsibility to make sure the structure to which this mounting system is attached can support five times the combined weight of all equipment. Reinforce the structure as required before installing the mounting system. The wall to which the mounting system / accessory is being attached may have a maximum drywall thickness of 5/8" (1.6cm). Do not install drywall anchors into the seam between drywall pieces.

⚠ **WARNING:** The TIL1X2PT / TIL1X3PT / TIL1X4PT LED wall mounts are designed for use with LED panels only. Exceeding the weight capacity (listed) can result in serious personal injury or damage to equipment!

- TIL1X2PT: 40 lbs (18.1 kg) - 20 lbs (9.1 kg) per screen;
- TIL1X3PT: 60 lbs (27.2 kg) - 20 lbs (9.1 kg) per screen;
- TIL1X4PT: 80 lbs (36.3 kg) - 20 lbs (9.1 kg) per screen.

⚠ **WARNING:** Use this mounting system only for its intended use as described in these instructions. Do not use attachments not recommended by the manufacturer.

⚠ **WARNING:** Never operate this mounting system if it is damaged. Return the mounting system to a service center for examination and repair.
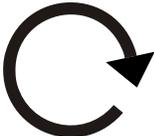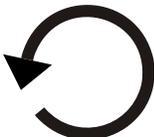
⚠ **WARNING:** Do not use this mounting system outdoors.

IMPORTANT ! : The TIL1X2PT / TIL1X3PT / TIL1X4PT LED wall mounts are designed to be mounted to:
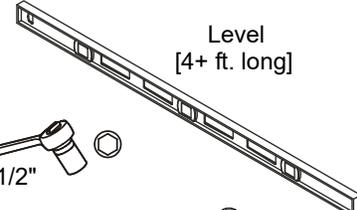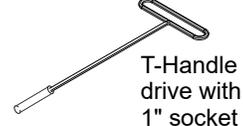
- a bare 8" concrete or 8"x8"x16" concrete block wall; or
- a 3/4" thickness plywood-backed, 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8"; or
- a 3/4" thickness plywood-backed, steel stud wall covered with drywall having a maximum thickness of 5/8".
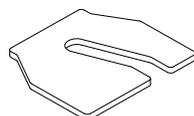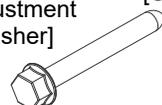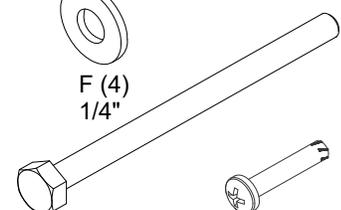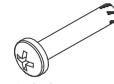
--SAVE THESE INSTRUCTIONS--

LEGEND

Tighten Fastener	
Apretar elemento de fijación	
Befestigungsteil festziehen	
Apertar fixador	
Serrare il fissaggio	
Bevestiging vastdraaien	
Serrez les fixations	

Pencil Mark	
Marcar con lápiz	
Stiftmarkierung	
Marcar com lápis	
Segno a matita	
Potloodmerkteken	
Marquage au crayon	

Loosen Fastener	
Aflojar elemento de fijación	
Befestigungsteil lösen	
Desapertar fixador	
Allentare il fissaggio	
Bevestiging losdraaien	
Desserrez les fixations	

Drill Hole	
Perforar	
Bohrloch	
Fazer furo	
Praticare un foro	
Gat boren	
Percez un trou	

Phillips Screwdriver	
Destornillador Phillips	
Kreuzschlitzschraubendreher	
Chave de fendas Phillips	
Cacciavite a stella	
Kruiskopschroevendraaier	
Tournevis à pointe cruciforme	

Adjust	
Ajustar	
Einstellen	
Ajustar	
Regolare	
Afstellen	
Ajuster	

Open-Ended Wrench	
Llave de boca	
Gabelschlüssel	
Chave de bocas	
Chiave a punte aperte	
Steeksleutel	
Clé à fourche	

Remove	
Quitar	
Entfernen	
Remover	
Rimuovere	
Verwijderen	
Retirez	

By Hand	
A mano	
Von Hand	
Com a mão	
A mano	
Met de hand	
À la main	

Optional	
Opcional	
Optional	
Opcional	
Opzionale	
Optie	
En option	

Hex-Head Wrench	
Llave de cabeza hexagonal	
Sechskantschlüssel	
Chave de cabeça sextavada	
Chiave esagonale	
Zeskantsleutel	
Clé à tête hexagonale	

Security Wrench	
Llave de seguridad	
Sicherheitsschlüssel	
Chave de segurança	
Chiave di sicurezza	
Veiligheidssleutel	
Clé de sécurité	

TOOLS REQUIRED FOR INSTALLATION

[Small level]

7/32"
3/8"
1/2"

#2

1/2"

String

Level
[4+ ft. long]

T-Handle
drive with
1" socket

Hardware Required - not included

(for installation into steel stud walls)

1. Chief brand FCAT1 Toggler Kit; **OR**

2. Hardware for installation to steel stud wall:

    •   1/4-20 Toggler Snaptoggle BB (Qty 4)

    •   1/4-20 x 2-1/2" hex head bolt (Qty 4)

    •   1/4" washer (Qty 4)

PARTS

Mounting Hardware Kit (Qty per bag)

A (2)
[Adjustment
washer]

B (4)
[UX10x60R anchor]

C (4)
5/16 x 2-1/2"

D (4)
5/16"

TiLEDPT Hardware Kit (Qty per bag)

E (2)
1/4-20

F (4)
1/4"

G (6)
#10 x 1/2"

H (2)
1/4-20 x 4-1/2"

J (8)
10-24 x 1"

Mounting Button Kit (Qty per bag)

K (4)
M5x20mm

L (4)
[Mounting button]

TIL1X2PT: 2 bags
TIL1X3PT: 3 bags
TIL1X4PT: 4 bags

TILVABPT Vertical Connector Kit

M (8)
1/4-20 x 1/2"

N (2)
[Vertical connector]

P (1)
[TIL1X2PT]

OR

Q (1)
[TIL1X3PT]

OR

R (1)
[TIL1X4PT]

INSTALLATION

Preinstallation

IMPORTANT ! : Reference the LED screen installation manual for specific instructions regarding care, handling, cabling and installation of the LED screens.

⚠️ **CAUTION:** Handle the LED screens with care, being careful to not impact or drop the LED screen.

⚠️ **CAUTION:** There is a magnetic surface on the front of the LED screen. To prevent damage ensure that no metallic object is pulled onto the LED screen.

NOTE: When planning the installation, remember the requirement to run power and signal to the video wall.

Preparing LED Screens

1. Attach four mounting buttons (L) per LED screen, one to each corner of LED screen, with four M5 x 20mm Phillips flat head screws (K). (See Figure 1)
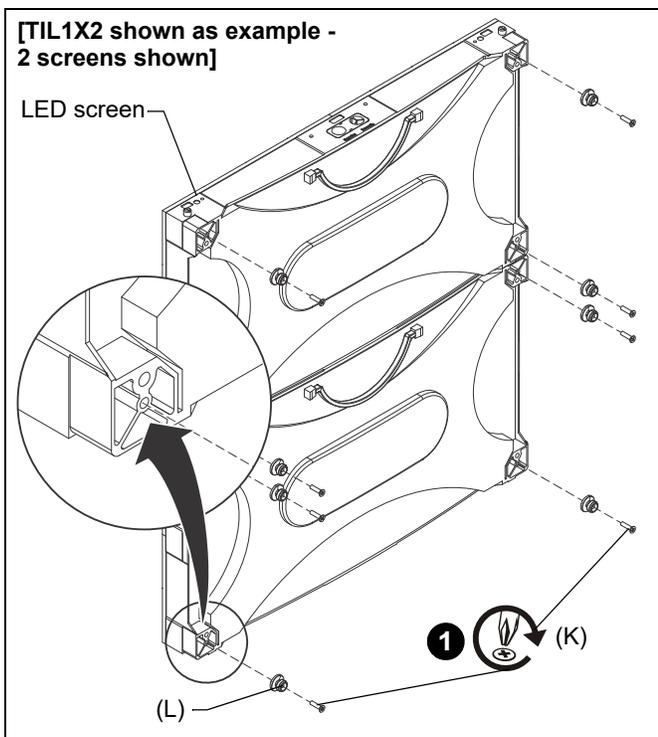

Figure 1

Determining Installation Site

IMPORTANT ! : The top of the LED screen is 7" above the center line of the mounting lags in the mounting slots. (See Figure 2)

NOTE: If desired, the mount installation may be started in the middle of the video wall, attaching mounts out from the center to the left and right ends. Installation on smaller walls may be easier if started at the left side of the video wall using the following instructions.

IMPORTANT ! :

1. Determine location for the **top left** corner of the LED wall. (See Figure 2)

2. Make a mark 7" below the planned top left corner of the LED wall. (See Figure 2)

3. Using a level, mark a horizontal line across width of LED wall from the mark made in Step 2.

NOTE: This line will indicate the center line for the location of the mounting lags in the mounting slots for the top mount(s) in the video wall. The oversize mounting slots will allow some upward adjustment as needed. (See Figure 2) and (See Figure 3)
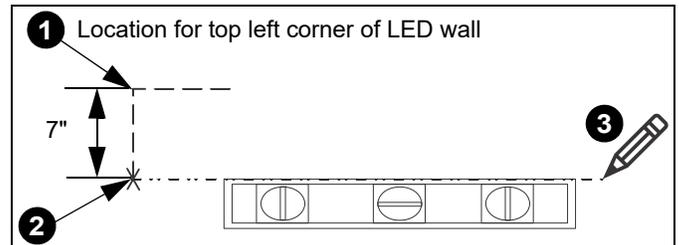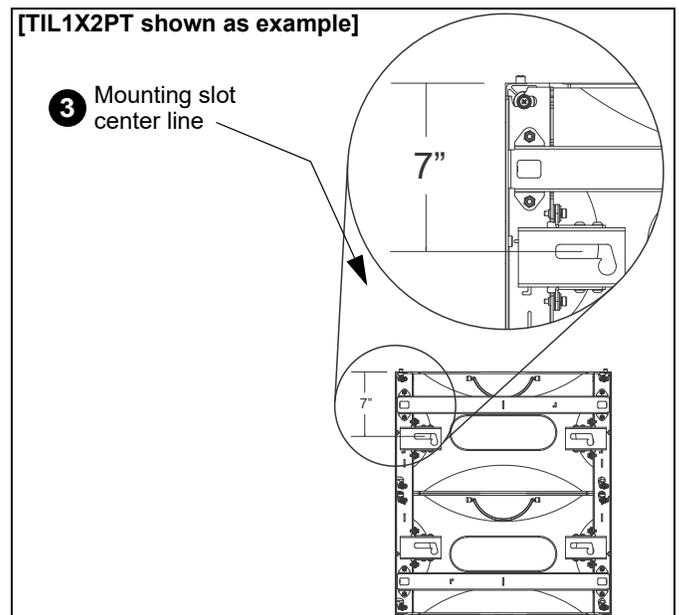

Figure 2

Figure 3

(OPTIONAL) Adding Vertical Connector Kit

NOTE: If more LED screens will need to be added to the top or bottom of the screen configuration, add TILVABPT vertical connector kit to top or bottom of wall mount using the following instructions. If you are NOT adding the TILVABPT connector kit, proceed to **Installing First Mount** section.

IMPORTANT ! : It is easier to install the vertical connector kit BEFORE the mounts are attached to the wall. However, it can also be installed after the mounts are attached to the wall.

1. Add the vertical connector (N) to the top or bottom of the mount, and fasten with two 1/4-20 x 1/2" Phillips pan head screws (M) per vertical connector. (See Figure 4)

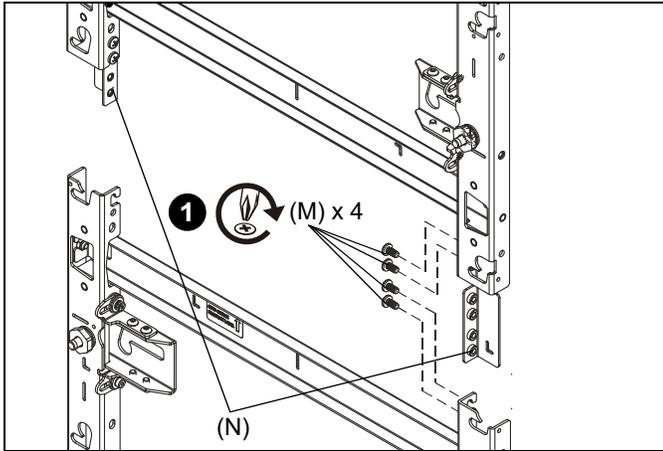2. Connect another wall mount to the other end of the vertical connector to lengthen the video wall.

Figure 4

NOTE: When connecting a mount to the bottom of an **installed** mount, the lower mount may be hung by its open slot on the partially installed Phillips head screw (M) before tightening the connection. (See Figure 5)

NOTE: When connecting a mount above an already installed mount, the upper mount may be slid down and attached to the connector in the top of the already installed mount.
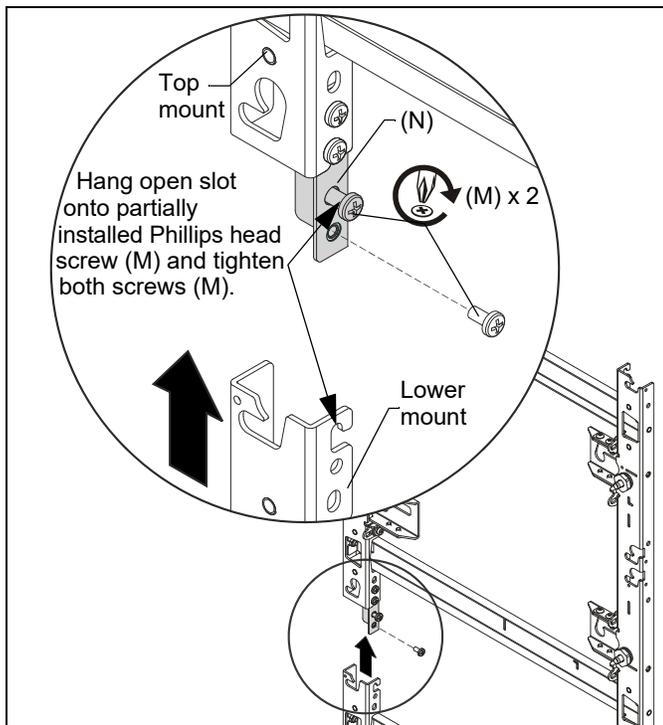

Figure 5

Installing First Mount

The TIL1X2PT / TIL1X3PT /TIL1X4PT (TVF Series) LED wall mounts are designed to be mounted to:

-   a bare 8" concrete wall or 8"x8"x16" concrete block wall; or
-   a 3/4" thickness plywood-backed, 2" x 4" wood studs (16" on center minimum) wall with a maximum drywall thickness of 5/8"; or
-   a 3/4" thickness plywood-backed, steel stud wall covered with drywall having a maximum thickness of 5/8".

Table 1: Fastener Information

WALL TYPE	PILOT HOLE	FASTENERS (see PARTS drawing)
Drywall attached to plywood-backed walls /Steel studs	1/2"	- 1/4-20 x 2-1/2" hex head lag (not included) - 1/4" washer (not included) - 1/4-20 Toggler Snaptoggle BB (not included)
Drywall attached to plywood-backed walls /Wood studs	7/32" x 3"	- 5/16 x 2-1/2" flanged hex head lag (**C**) - 5/16" washer (**D**) - Adjustment washer (**A**)
Concrete or concrete block	3/8" x 3"	- 5/16 x 2-1/2" flanged hex head lag (**C**) - 5/16" washer (**D**) - Adjustment washer (**A**) - Fischer Anchor UX10x60R (**B**)

1. Hold furthest left, top wall mount against wall ensuring that mounting slot is lined up with center line marked on the wall in **Determining Installation Site** section. Double-check with a level. (See Figure 6)

2. Mark mounting holes in two top mounting slots along the horizontal line marked in Step 3. (See Figure 6)

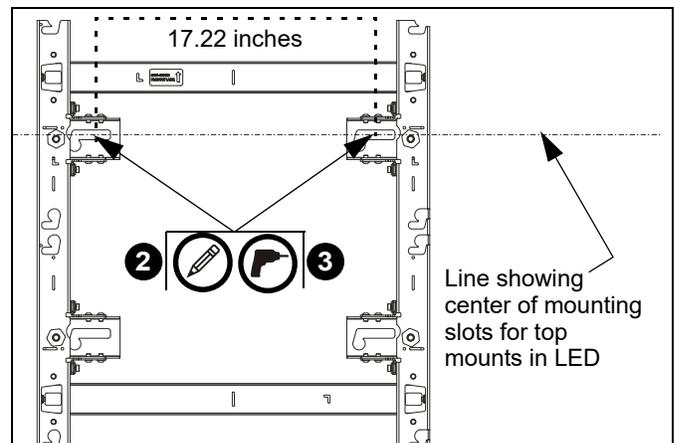**NOTE:** The mounting holes are 17.22" apart on-center. (See Figure 6)

Figure 6

3. Drill two pilot holes (see Table 1 for size) at each location marked in Step 2 (See Figure 6) and follow fastener information (appropriate for wall type) located in Table 1.

IMPORTANT ! : Refer to **Fastener Installation Methods** (located in **Appendix** at end of Installation Instructions) for details on installing product into various wall types.

4. Partially install two fasteners into wall, but do NOT completely tighten to wall. (See Figure 7)

NOTE: **(OPTIONAL)** If more LED screens need to be added to the top or bottom of the screen configuration, add TILVABPT vertical connector kit (not included) to top or bottom of wall mount following instructions in the **(OPTIONAL) Adding Vertical Connector Kit**. If you are NOT adding the TILVABPT connector kit, proceed to **Step 5**.

NOTE: Utilizing the two adjustment washers (A) allows the installer to pre-install the top mounting fasteners and hang the mount from them utilizing the mounting slots. This allows the weight of the mount to be held by the mounting bolts and not the installer during installation.
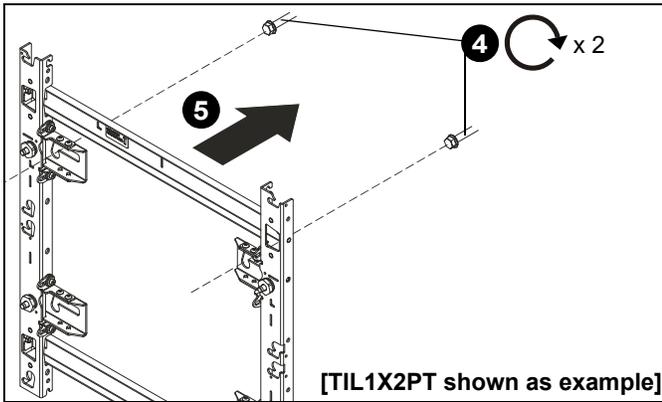

[TIL1X2PT shown as example]

Figure 7

5. Hang wall mount, aligning upper mounting slots over fasteners, and adjust side-to-side for proper location. (See Figure 7)

NOTE: The horizontal slots located along the vertical mount pieces (and vertical slots located along the horizontal mount pieces) are the center-of-screen indicators to illustrate where the center of each LED screen will be located, and can be used to hold a tape measure tab while measuring. (See Figure 8)
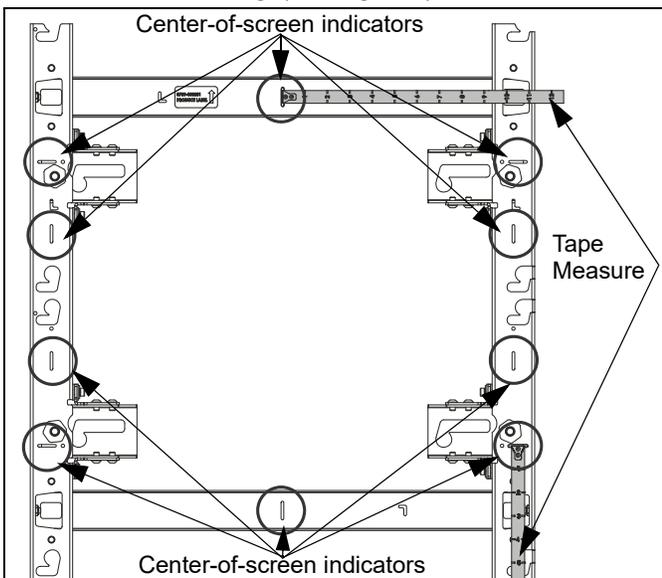

Figure 8

6. Lay levels across flat of the mounting holes and center-of-screen indicators, and vertically along side of mount to ensure wall mount is square and level. (See Figure 9)

7. Slide adjustment washers (A) behind head of upper fasteners in mount and tighten mount in place. (See Figure 9)

NOTE: It may be easier to insert the adjustment washers (A) by slightly lifting up on the mount to relieve pressure on the washers. As the adjustment washers are inserted behind the upper fasteners the mount will rise up, and the washers will hold it in place. Hold the washers in place by hand while tightening the fasteners.
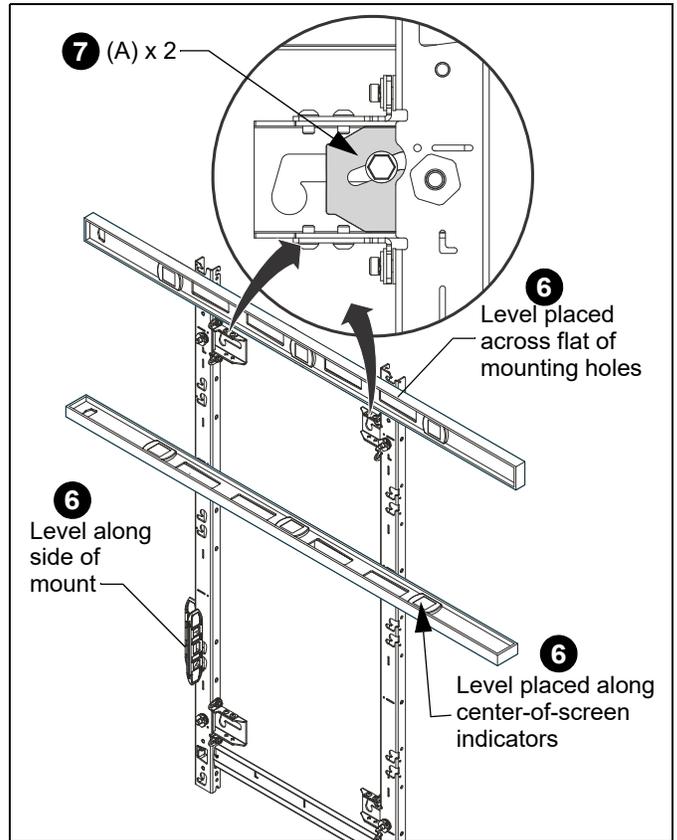

Figure 9

8. Drill lower pilot holes (see Table 1 for size) at attachment locations and follow fastener information (appropriate for wall type) located in Table 1. (See Figure 10)

9. Install two fasteners through lower part of mount and tighten. (See Figure 10)
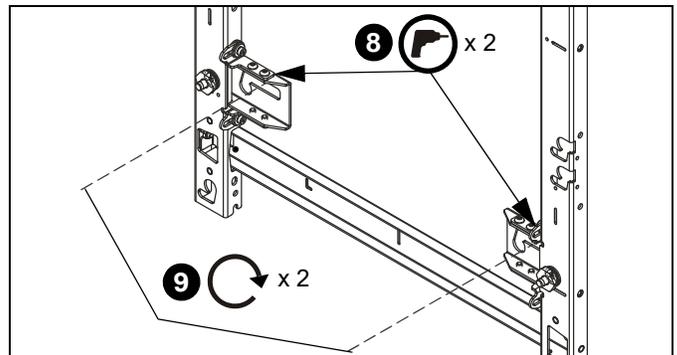

Figure 10

7

10. Using a level on the front of the mount in various places, use a 1" socket and T-handle driver to adjust the leveling feet on the mount until the mount is plumb. (See Figure 11)

⚠ **CAUTION:** Over-torquing may cause damage. Do NOT use a drill to make the depth adjustment.
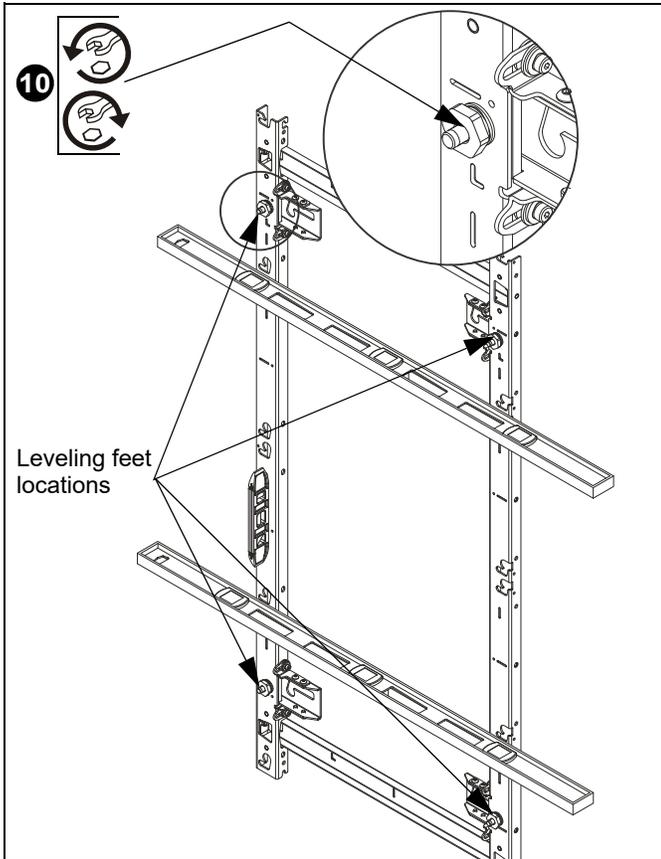

Leveling feet locations

Figure 11

Adding Additional Mounts

1. Hold additional wall mount against wall ensuring that mounting slot is lined up with center line marked on the wall in **Determining Installation Site** section. Double-check with a level. (See Figure 6)

2. Mark mounting holes in two top mounting slots along the horizontal line. (See Figure 6)

3. The mounting holes are 17.22" apart on-center. (See Figure 6)

4. Drill two pilot holes (same size as those drilled for first mount) at each marked location and use same fasteners used on the first mount.

5. Partially install two fasteners into wall, but do NOT completely tighten to wall.

6. Hang wall mount, aligning upper mounting slots over fasteners, and adjust side-to-side for proper location.

7. install two 1/4-20 x 4-1/2" hex head bolts (H) and two 1/4" steel washers (F) into the right or left side of the second mount at **both top and bottom**, and through into the left or right side of the first mount. (See Figure 12)

NOTE: The second mount may be attached to either the left or right side of the first already installed mount.

8. Loosely fasten second mount to first mount using two 1/4" steel washers (F) and two 1/4-20" flanged hex nuts (E). (See Figure 12)

9. Slide adjustment washers (A) behind head of upper fasteners in mount. (See Figure 9)

10. Tighten both fasteners between mounts (at top and bottom where the second mount is connected to the first mount). (See Figure 12)

11. Lay levels across flat of the mounting holes and center-of-screen indicators, and vertically along side of mount to ensure wall mount is square and level.

NOTE: Lift up slightly on the far side of the second mount to help level the mount.

12. Hold the adjustment washers in place by hand and tighten the fasteners at the top of the mount.

13. Drill lower pilot holes at attachment locations and use same fasteners used at top of mount.

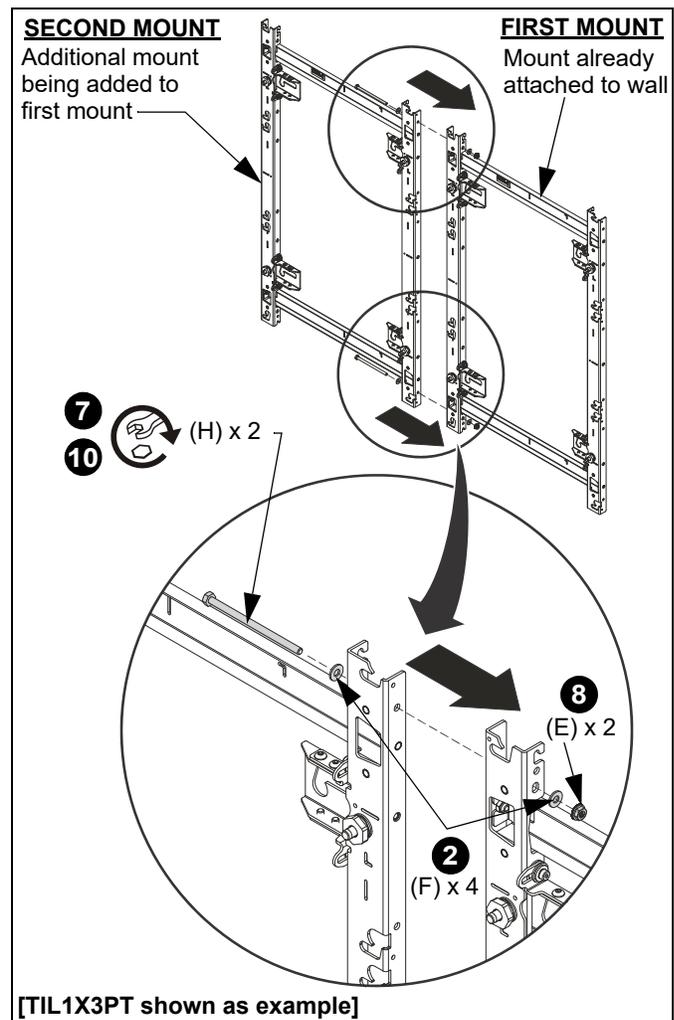14. Install two fasteners through lower part of mount and tighten.

SECOND MOUNT
Additional mount being added to first mount

FIRST MOUNT
Mount already attached to wall

(H) x 2

(E) x 2

(F) x 4

[TIL1X3PT shown as example]

Figure 12

IMPORTANT ! : For larger LED walls it is helpful to check placement and alignment of the mounts by putting a few LED housings in place in the <u>bottom</u> row of the installed mounts (referencing the LED screen installation manual for specific instructions) during the mount installation, checking alignment before removing the housings, and then continuing the installation.

IMPORTANT ! : Continually recheck the alignment and overall flatness of the wall mounts during the installation process.

15. Continue the installation process until all wall mounts are attached.

16. Install one #10 x 1/2" Phillips tapping screw (G) into left upper LED mounting button hole for <u>each</u> LED screen space. Install the tapping screws <u>ONLY</u> on the furthest left column of mounts. (See Figure 13)
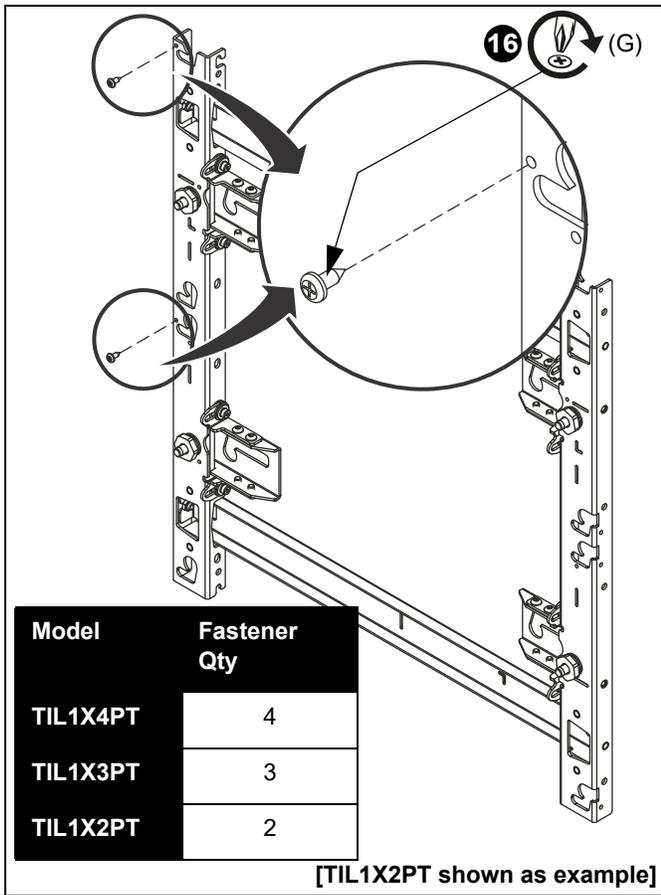

Model	Fastener Qty
TIL1X4PT	4
TIL1X3PT	3
TIL1X2PT	2

[TIL1X2PT shown as example]

Figure 13

IMPORTANT ! : The tapping screws keep the LED screens centered on the mount, and are <u>ONLY</u> installed on the furthest left column of mounts.

17. Using a drill driver makes installation of the tapping screws (C) easier.

18. Install the remaining #10 x 1/2" self-tapping screws (G) on the mount, as necessary, to assist in centering the LED housings. (See Figure 14)

19. Run a string between the self-tapping screws installed in **Step 18** to assist with alignment across long sections of mounts. (See Figure 14)
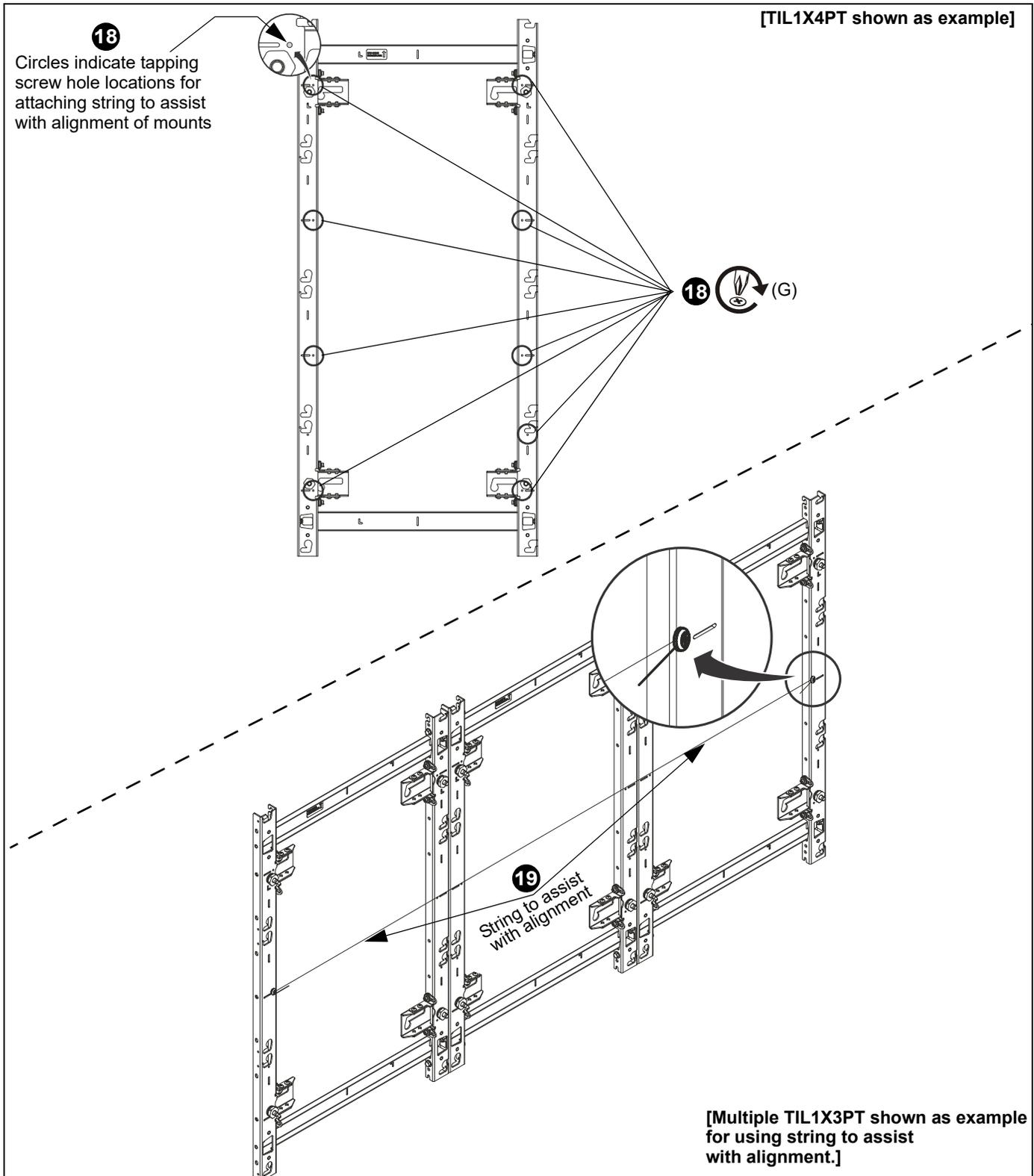
[TIL1X4PT shown as example]

Circles indicate tapping screw hole locations for attaching string to assist with alignment of mounts

(G)

String to assist with alignment

[Multiple TIL1X3PT shown as example for using string to assist with alignment.]

Figure 14

Installing Housings and LED Screens

IMPORTANT ! : Reference the LED screen installation manual for specific instructions regarding care, handling, cabling and installation of the LED housings and screens.

NOTE: Begin the installation of the housings in the lower left corner of the video wall.

NOTE: One complete column of housings should be installed before proceeding to the next column.

LED Housing

2

1 Begin LED housing install in the lowest left corner of the video wall

[TIL3X3PT wall shown as example]

Figure 15

1. Install the first LED housing in the lowest left-hand corner of the video wall by aligning mounting buttons on the housing with the mounting holes on the wall mount.

2. Move LED housing forward until all four mounting buttons are through mounting holes in wall mount.

3. Continue with the next housing (directly above installed housing).

NOTE: Be sure to check the level and plumb of the housings often during the housing installation.

4. **AFTER** the **entire** first column of housings are installed, slide the column to the left side so that the mounting buttons are against the tapping screws, and to allow clearance for installation of the second column.

5. After the second column of housings is installed, push to the left until the first and second columns of housings are touching.

6. Repeat until all housings are installed.

NOTE: The tapping screws assist in centering the housings on the mounts.

7. **OPTIONAL:** Remove tapping screws if housings need to be moved further left or right of center.

8. **OPTIONAL:** Install two 10-24 x 1" Phillips head cap screws (J) **per housing** on far right and far left column of mounts if housings need to be moved further left or right of center. (See Figure 16)

NOTE: The screws (J) are installed from the right side of the furthest right wall mount and the left side of the furthest left wall mount and can be used to push the housings to the left or right to slightly level or align the housings by adjusting the amount of push at the bottom or top of the housing. The screws (J) can also be used to prevent removal of the LED screens.
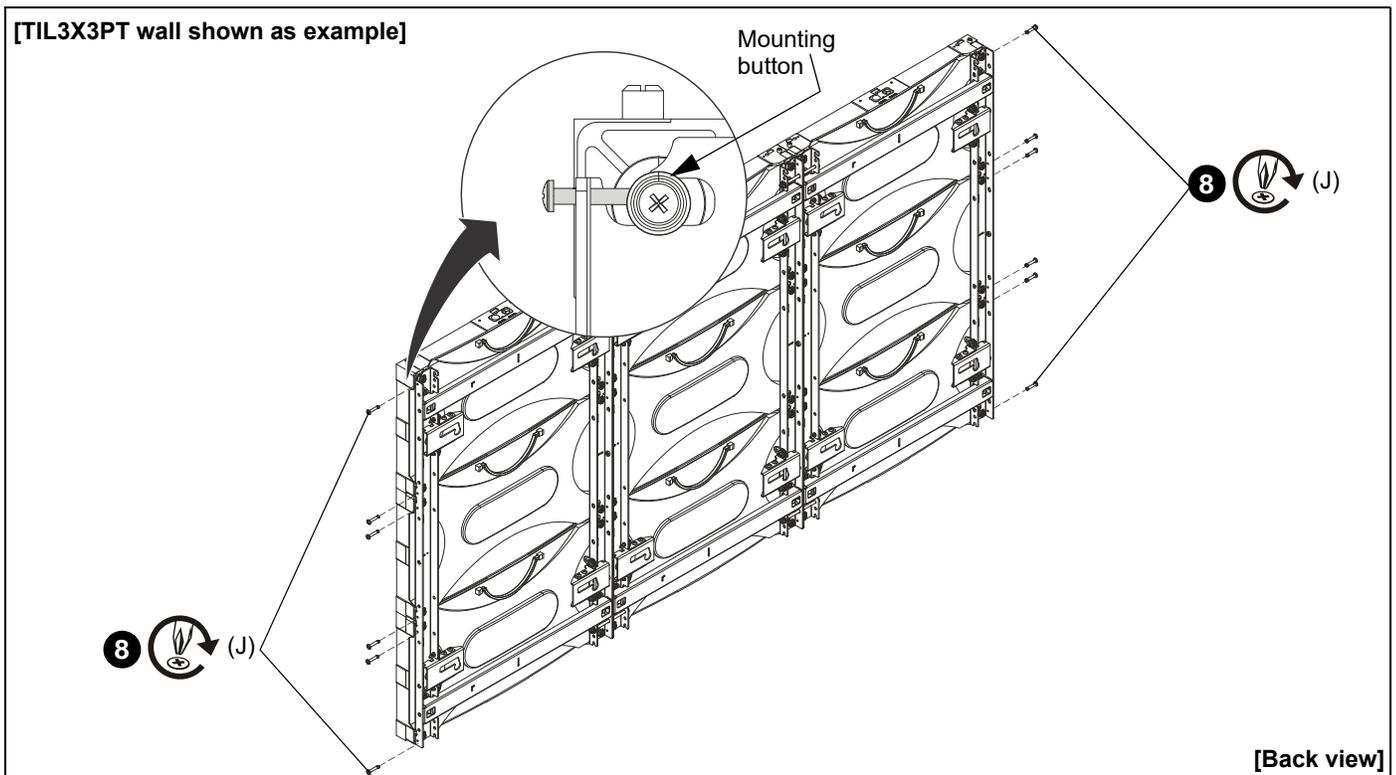

[TIL3X3PT wall shown as example]

Mounting button

8 (J)

8 (J)

[Back view]

Figure 16

9. Using levels, check the level and plumb of the housings installed on the mounts and adjust as necessary following information in the **Adjustments** section.

10. Connect housings following instructions included with LED screens.

11. Install LED screens following instructions included with screens.

Adjustments

Depth Adjust

The depth of each wall mount section is controlled by the leveling feet.

1. Using a level on the front of the housings in various places, loosen or tighten the leveling feet adjust bolt (using a 1" socket and T-handle driver) to assist in leveling the LED housings across the various wall mounts until plumb. (See Figure 17)

IMPORTANT ! : It is best to make adjustments in small increments to prevent any binding or torquing of the mounts. Be sure to adjust the depth evenly for both sides of the mounts.

⚠ **CAUTION:** Over-torquing may cause damage. Do NOT use a drill to make the depth adjustment.

[LED housings not shown]

Figure 17

2. If a significant adjustment is required in order to level the mounts, the fasteners installed in the **Adding Additional Mounts** section may be removed to allow adjustment to one mount without affecting the other mounts.

Fastener Installation Methods

IMPORTANT ! : See Table 1 for appropriate hardware and pilot hole sizes for various wall types.

IMPORTANT ! : The expanse of the LED wall will most likely mean that attachment of the wall mounts will not all be in studs. The attachment method will most likely vary throughout the installation, and more than one of the various methods outlined here will most likely be used.

Wood Stud

1. Use one 5/16" x 2-1/2" hex flange head lag bolt (C) and one 5/16" washer (D) through product and into pilot hole. (See Figure 18) and (See Figure 24)

2. Repeat for remaining pilot holes.

Figure 18

Concrete or Concrete Block

1. Install one UX10X60R anchor (B) into each pilot hole using a hammer, making sure that the anchor is flush with the wall. (See Figure 19)

2. Use one 5/16" x 2-1/2" hex flange head lag bolt (C) and one 5/16" washer (D) through product into each anchor in wall. (See Figure 19)

3. Repeat for remaining pilot holes.

Figure 19

Steel Stud

IMPORTANT ! : See **Site Requirements for Steel Stud Installation** section before proceeding with Steel Studs installation to ensure installation site meets requirements! The drywall must have a minimum thickness of 1/2"!

1. Hold metal channel on anchor flat alongside plastic straps and slide channel through hole. (See Figure 20)

Figure 20

2. Holding plastic straps on anchor, pull anchor away from wall until channel rests flush behind wall making sure anchor channel is positioned vertically on drywall, or steel stud (if present). (See Figure 21)

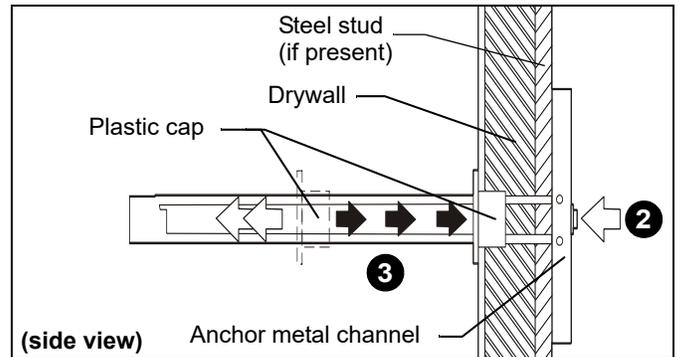3. Slide plastic cap on anchor towards wall until flange of cap is flush with wall. (See Figure 21)

Figure 21

4. Snap off plastic straps on anchor at wall by pushing side to side, snapping off straps level with flange of plastic cap. (See Figure 22)
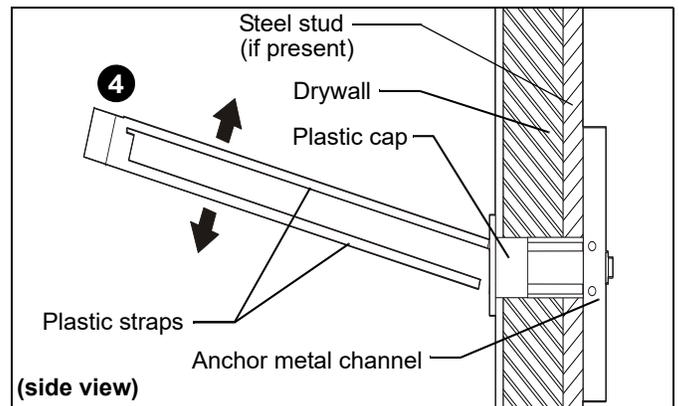

Figure 22

5. Line up anchor with attachment point.

6. Insert 1/4-20 x 1-3/4" Phillips pan head screw through 1/4" washer, corresponding mounting hole in wall bracket and into anchor, and tighten until flush against wall bracket. DO NOT over tighten! (See Figure 23)
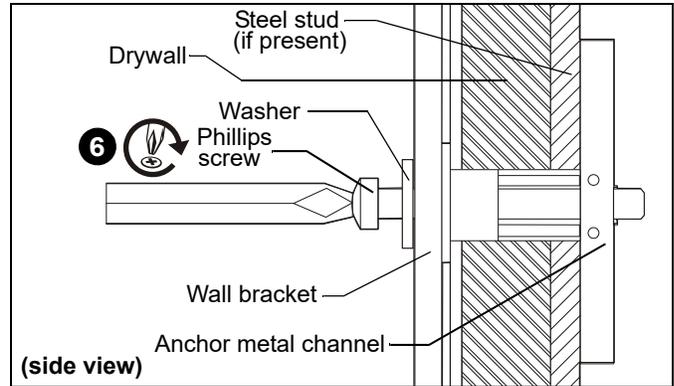

Figure 23

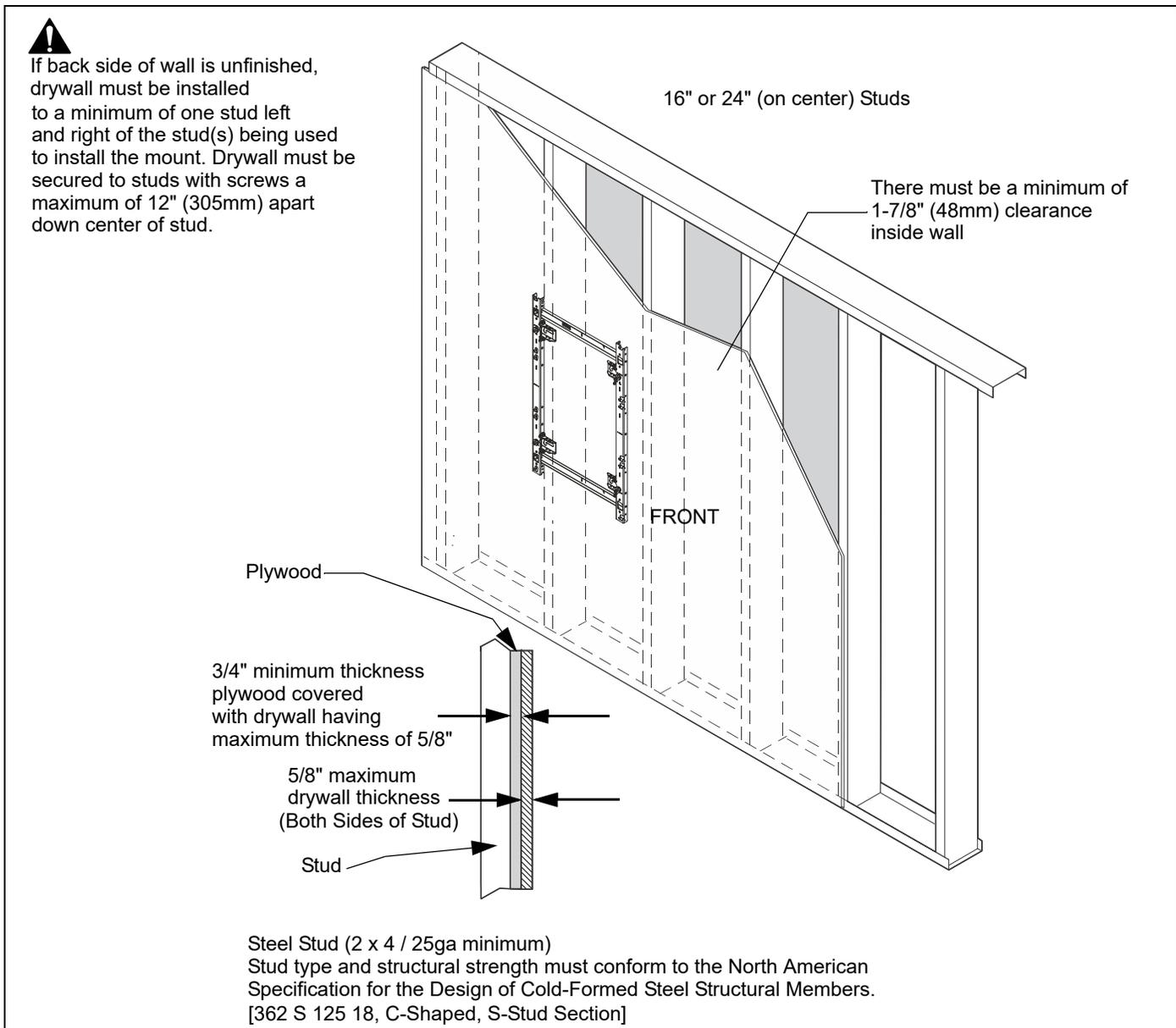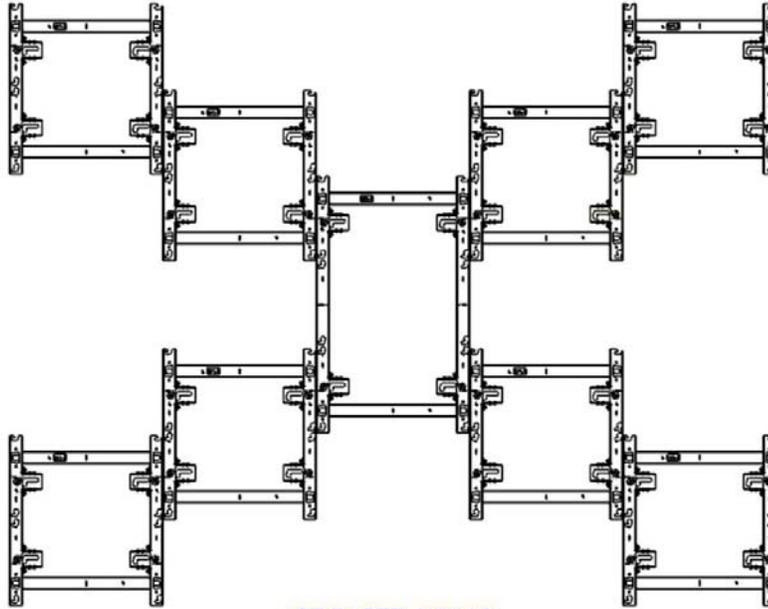## Site Requirements for Wood or Steel Stud Installation

⚠ If back side of wall is unfinished, drywall must be installed to a minimum of one stud left and right of the stud(s) being used to install the mount. Drywall must be secured to studs with screws a maximum of 12" (305mm) apart down center of stud.

16" or 24" (on center) Studs

There must be a minimum of 1-7/8" (48mm) clearance inside wall

FRONT

Plywood

3/4" minimum thickness plywood covered with drywall having maximum thickness of 5/8"

5/8" maximum drywall thickness (Both Sides of Stud)

Stud

Steel Stud (2 x 4 / 25ga minimum)
Stud type and structural strength must conform to the North American Specification for the Design of Cold-Formed Steel Structural Members.
[362 S 125 18, C-Shaped, S-Stud Section]

Figure 24

Configuration Examples

The following are just two examples of the many configurations which are possible with the PT Series wall mounts.
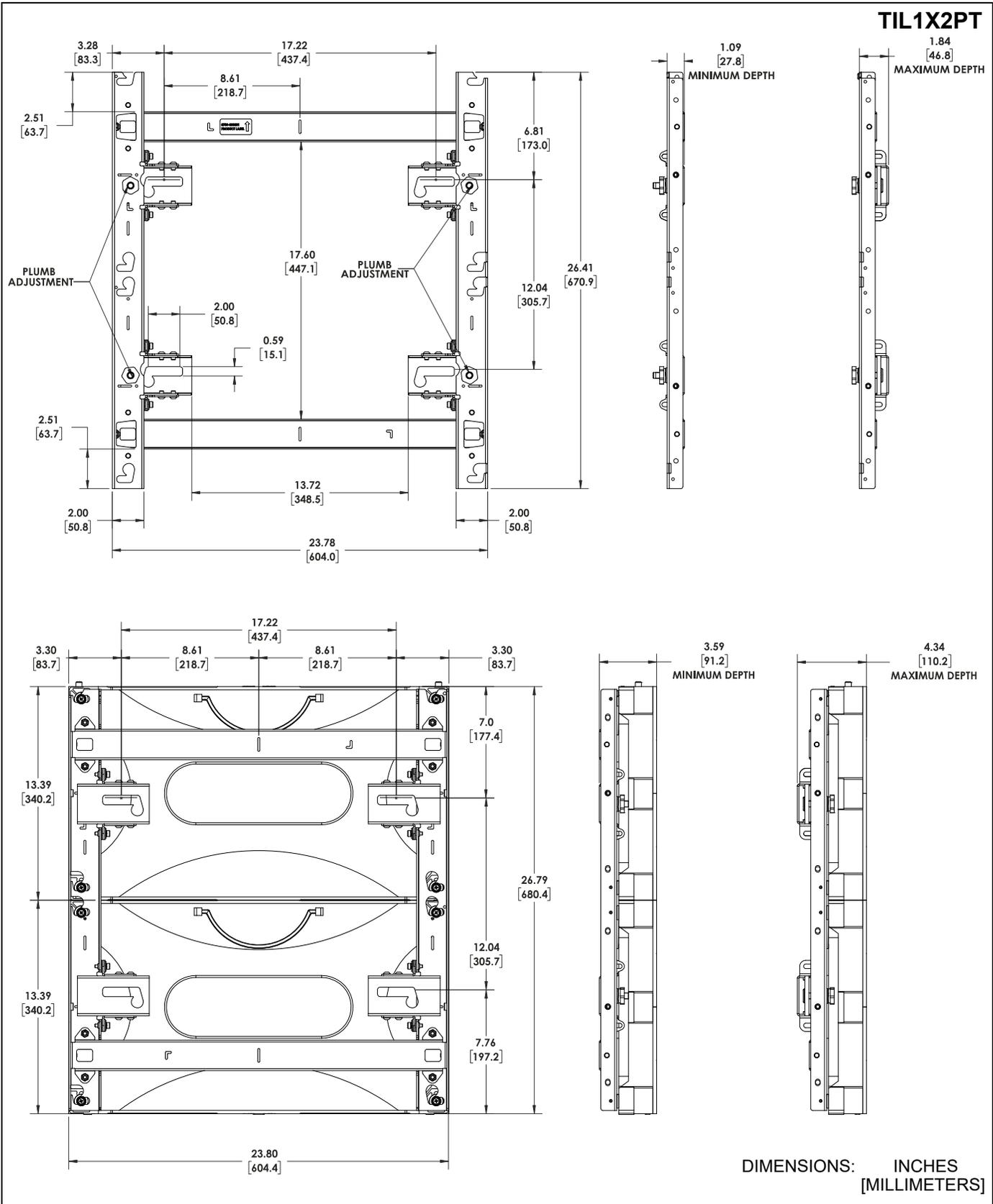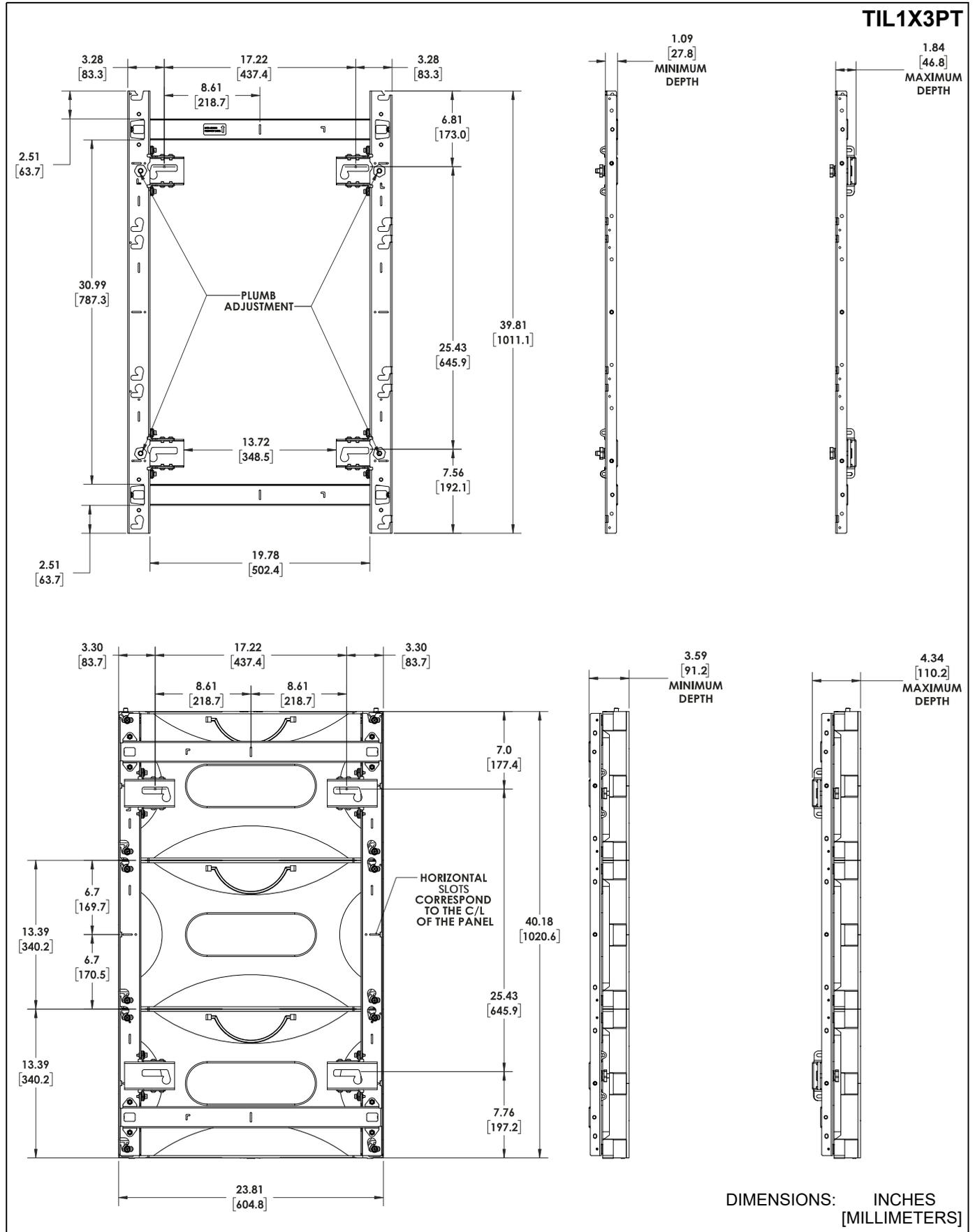
CREATED USING
1--TIL1X3PT
8--TIL1X2PT

71.31
[1811.2]

23.81
[604.8]

23.75
[603.2]

26.71
[678.4]

93.72
[2380.4]

13.52
[343.4]

40.18
[1020.6]

118.93
[3020.8]

CREATED USING 5-TIL1X2PT

13.39
[340.2]

53.57
[1360.8]

26.79
[680.4]

23.75
[603.2]

23.81
[604.8]

71.31
[1811.2]

118.93
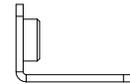[3020.8]

DIMENSIONS

TIL1X2PT

DIMENSIONS: INCHES
                            [MILLIMETERS]

DIMENSIONS...cont'd

TIL1X3PT

DIMENSIONS: INCHES
                [MILLIMETERS]

DIMENSIONS...cont'd

TIL1X4PT

DIMENSIONS: INCHES
[MILLIMETERS]

19

DIMENSIONS...cont'd

TILVABPT

KIT INCLUDES 2 BRACKETS

1.25
[31.8]

0.81
[20.6]
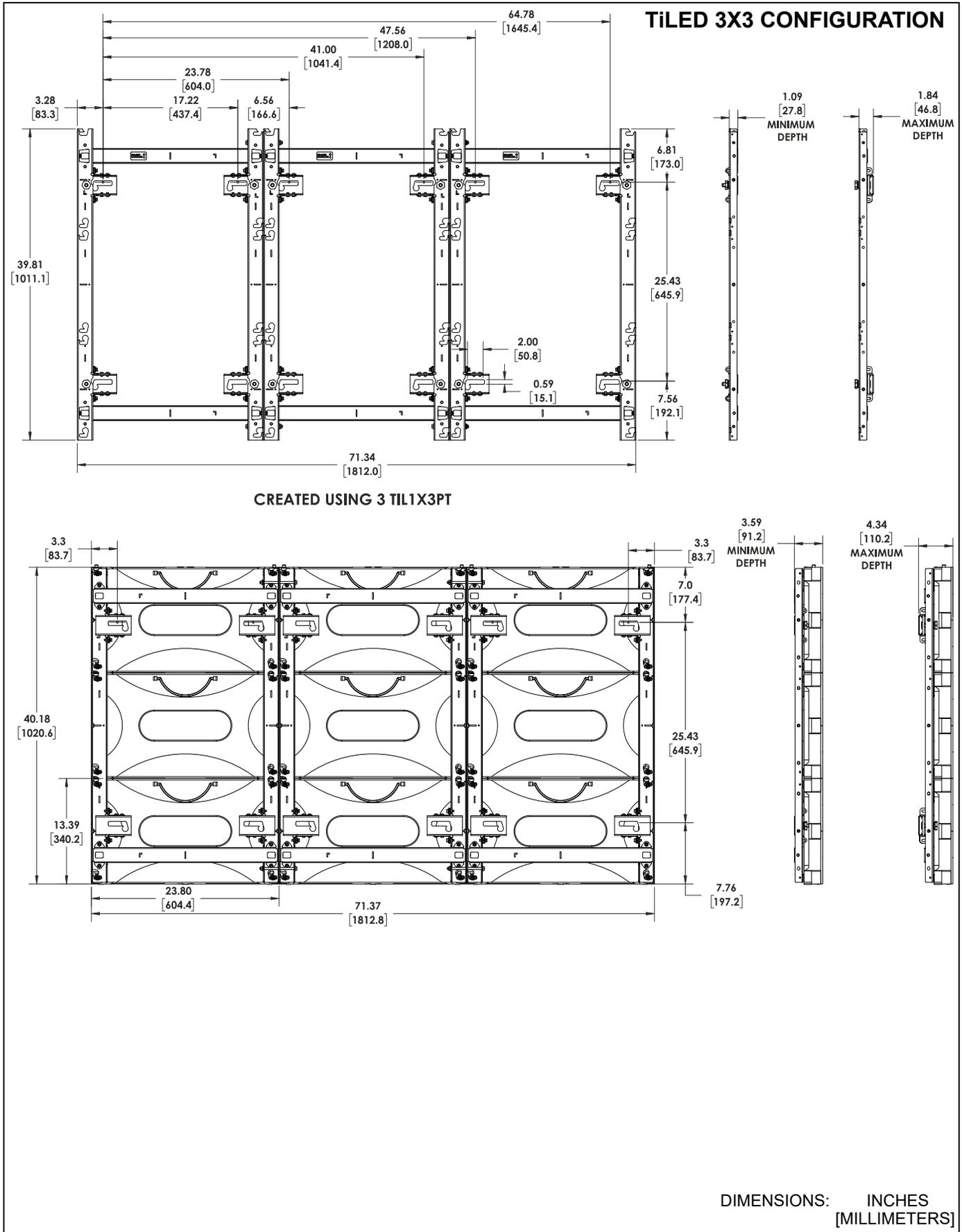
3.50
[88.9]

0.38
[9.5]

DETAIL A
SCALE 1 : 2

DETAIL B
SCALE 1 : 2

DIMENSIONS: INCHES
                [MILLIMETERS]

DIMENSIONS...cont'd

TiLED 3X3 CONFIGURATION

64.78
[1645.4]

47.56
[1208.0]

41.00
[1041.4]

23.78
[604.0]

3.28
[83.3]

17.22
[437.4]

6.56
[166.6]

1.09
[27.8]
MINIMUM
DEPTH

1.84
[46.8]
MAXIMUM
DEPTH

6.81
[173.0]

39.81
[1011.1]

25.43
[645.9]

2.00
[50.8]

0.59
[15.1]

7.56
[192.1]

71.34
[1812.0]

CREATED USING 3 TIL1X3PT

3.3
[83.7]

3.3
[83.7]

3.59
[91.2]
MINIMUM
DEPTH

4.34
[110.2]
MAXIMUM
DEPTH

7.0
[177.4]

40.18
[1020.6]

25.43
[645.9]

13.39
[340.2]

7.76
[197.2]

23.80
[604.4]

71.37
[1812.8]

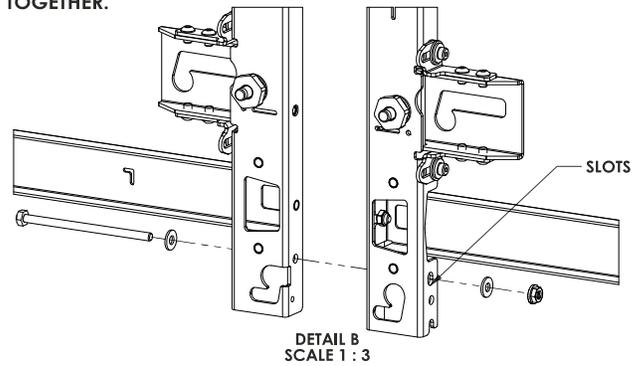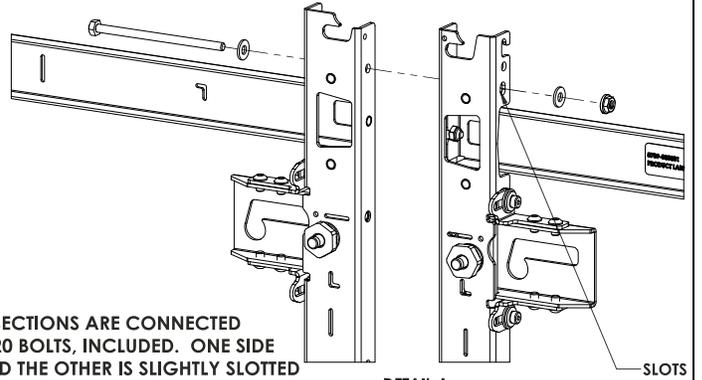DIMENSIONS: INCHES
[MILLIMETERS]
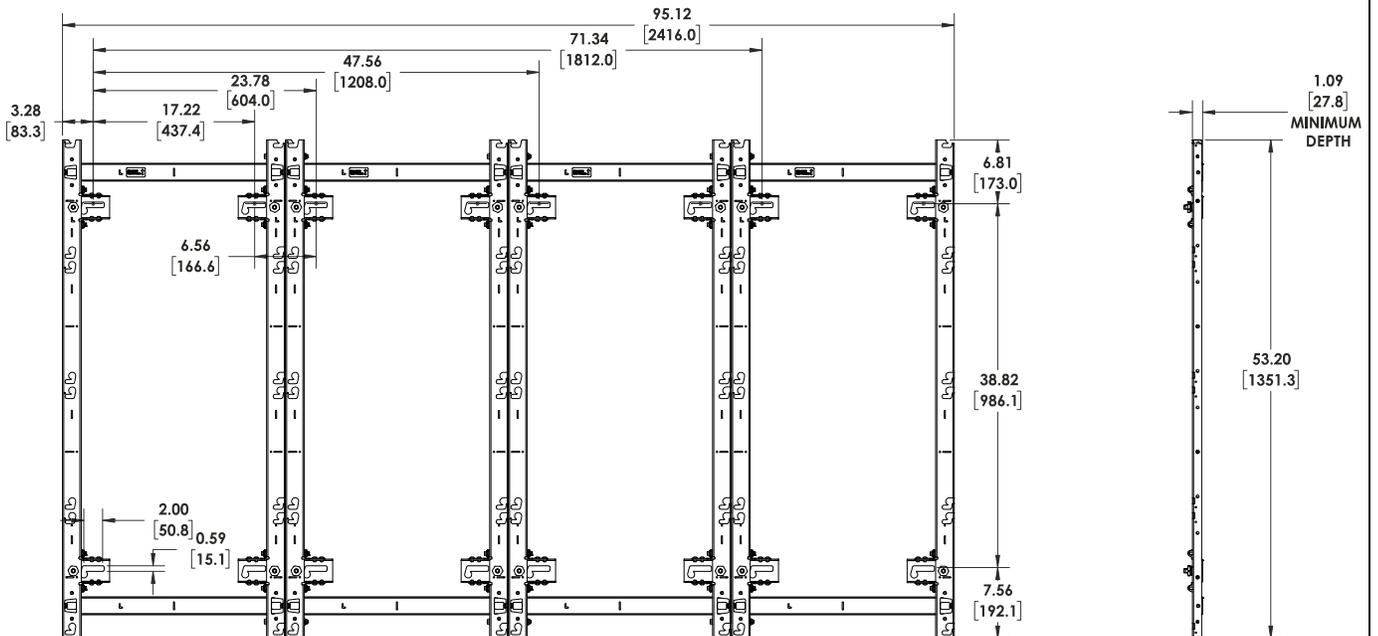
DIMENSIONS...cont'd

TiLED 3X3 CONFIGURATION...cont'd

MOUNT SECTIONS ARE CONNECTED
USING 1/4-20 BOLTS, INCLUDED. ONE SIDE
HAS HOLES AND THE OTHER IS SLIGHTLY SLOTTED
TO ALLOW FOR ANY ADJUSTMENT PRIOR TO
TIGHTENING AND CLAMPING THE MOUNTS
TOGETHER.

SLOTS

DETAIL A
SCALE 1 : 3

SLOTS

DETAIL B
SCALE 1 : 3

TiLED 4X4 CONFIGURATION

95.12
[2416.0]

71.34
[1812.0]

47.56
[1208.0]

23.78
[604.0]

17.22
[437.4]

3.28
[83.3]

1.09
[27.8]
MINIMUM
DEPTH

6.81
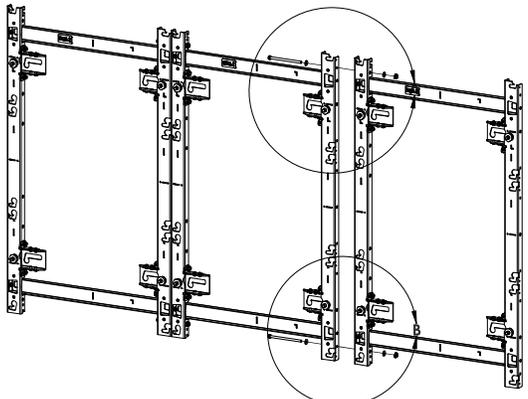[173.0]

6.56
[166.6]

38.82
[986.1]

53.20
[1351.3]

2.00
[50.8]
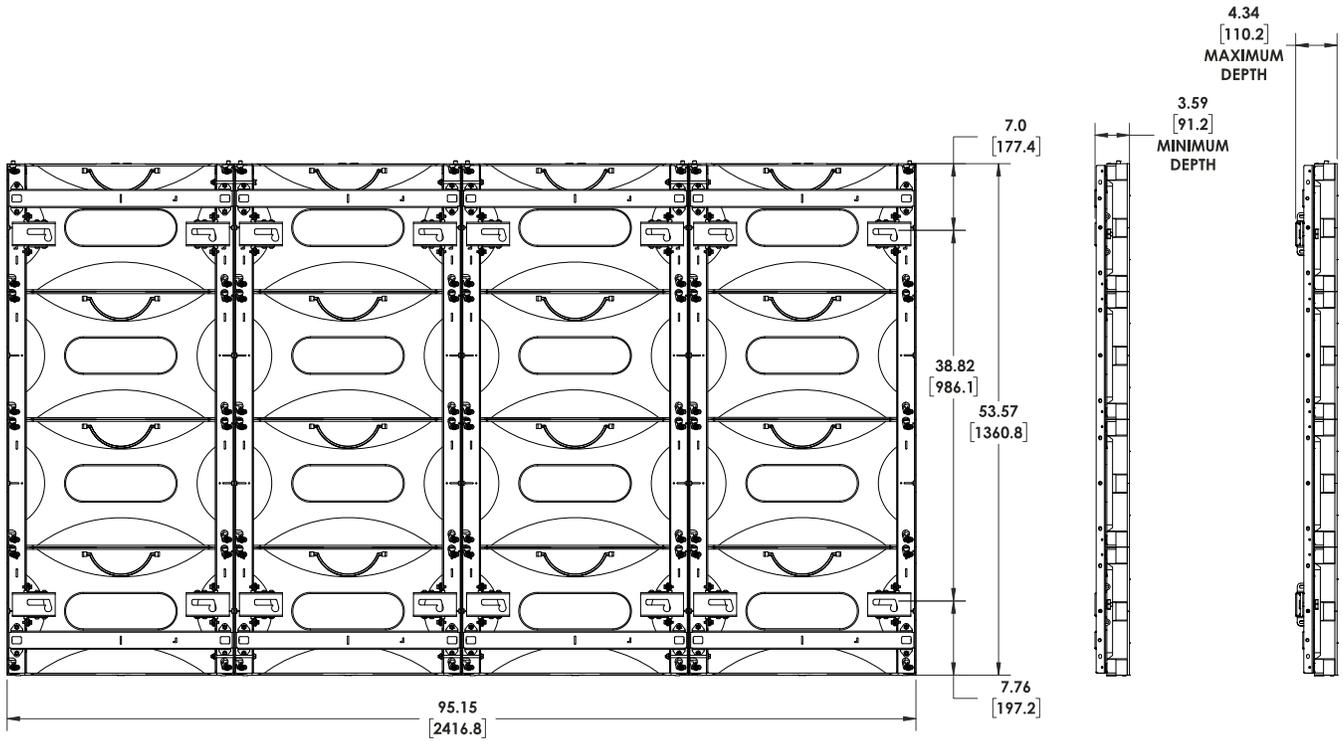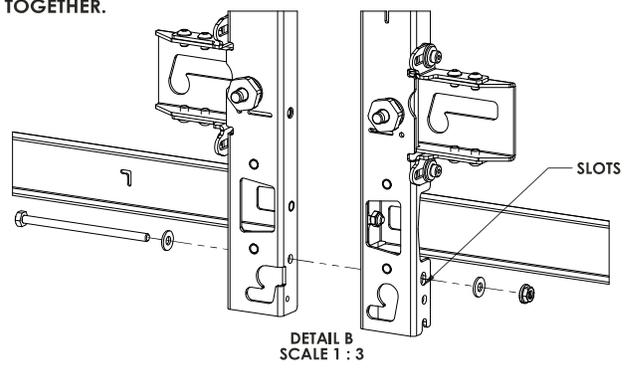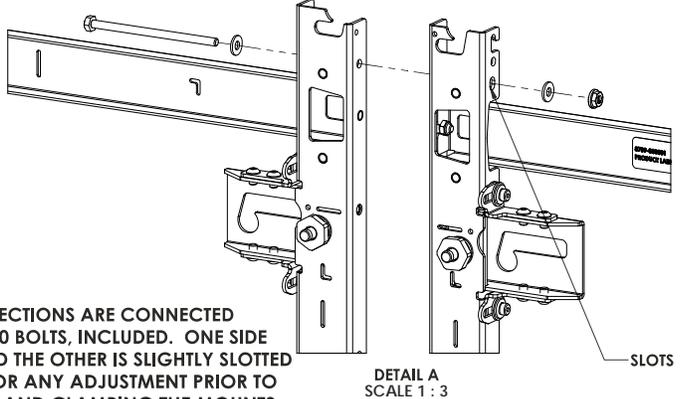
0.59
[15.1]

7.56
[192.1]

CREATED USING FOUR TIL1X4PT

DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS...cont'd

TiLED 4X4 CONFIGURATION...cont'd

4.34
[110.2]
MAXIMUM
DEPTH

3.59
[91.2]
MINIMUM
DEPTH

7.0
[177.4]

38.82
[986.1]
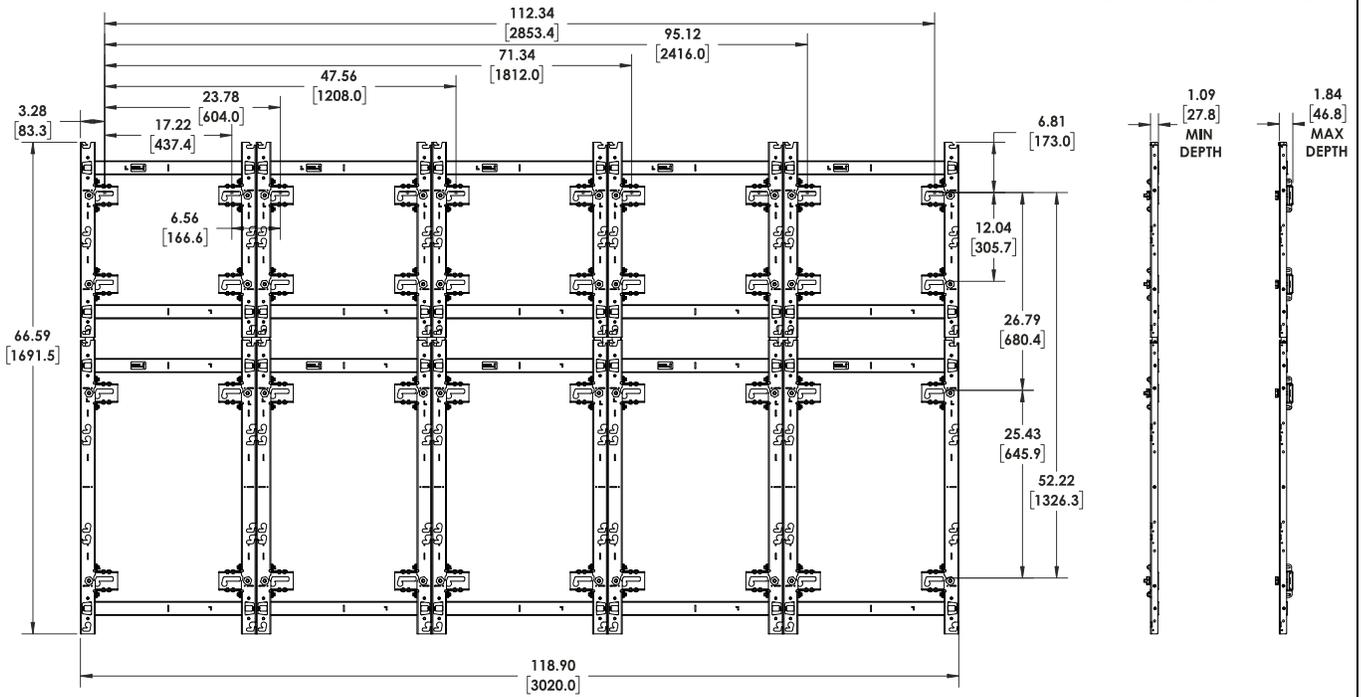
53.57
[1360.8]

7.76
[197.2]

95.15
[2416.8]

MOUNT SECTIONS ARE CONNECTED
USING 1/4-20 BOLTS, INCLUDED. ONE SIDE
HAS HOLES AND THE OTHER IS SLIGHTLY SLOTTED
TO ALLOW FOR ANY ADJUSTMENT PRIOR TO
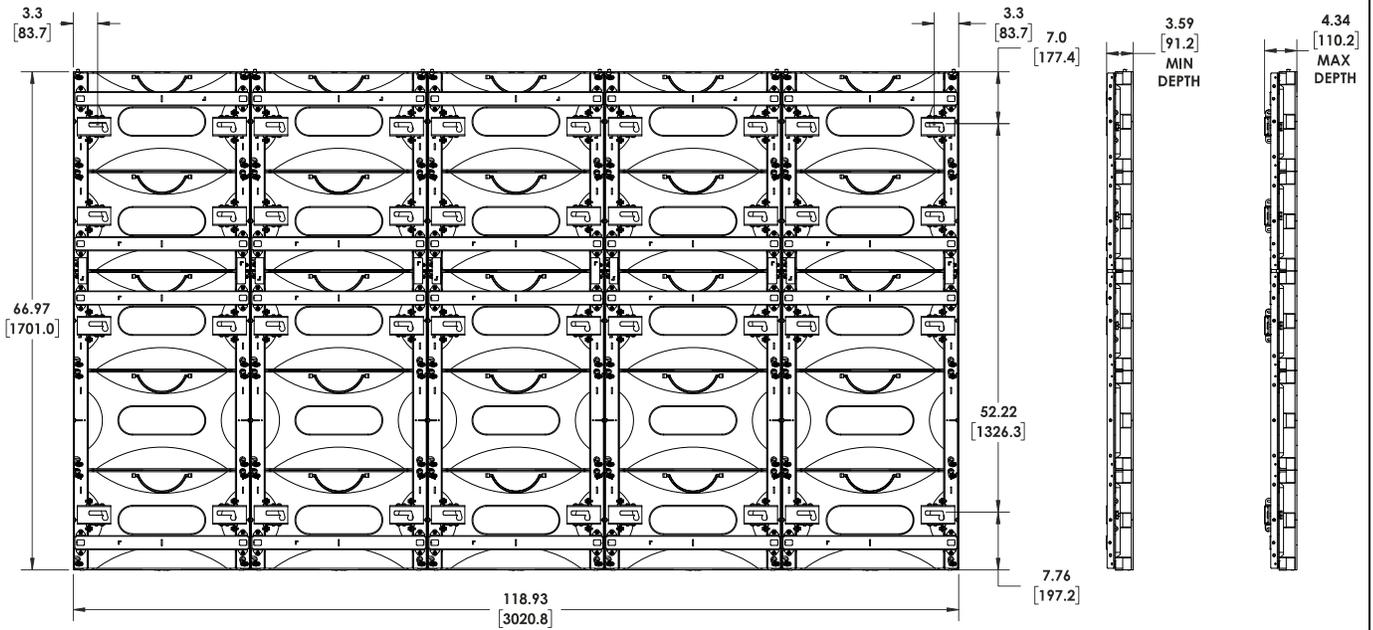TIGHTENING AND CLAMPING THE MOUNTS
TOGETHER.

SLOTS

DETAIL A
SCALE 1 : 3

SLOTS

DETAIL B
SCALE 1 : 3

DIMENSIONS: INCHES
[MILLIMETERS]

DIMENSIONS...cont'd

TiLED 5X5 CONFIGURATION

CREATED WITH THE FOLLOWING COMPONENTS
5-TIL1X3PT
5-TIL1X2PT
5-TILVABPT

DIMENSIONS: INCHES
[MILLIMETERS]

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