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Design to Installation*



PaDelhi™ Padel Court Systems



Sportsfield Specialties, Inc. 41155 State Hwy 10. Delhi, NY 13753



1-888-975-3343

Install Instructions

Panoramic Padel Court System

Product No.	Product Description
PDPNRMCV2	Panoramic Padel Court System

Sportsfield Specialties Installation Tool Requirements.....	ID-00606
PaDelhi™ Panoramic Padel V2 Court System.....	ID-00607
PaDelhi™ Panoramic Padel Court System Pole Location.....	ID-00573
PaDelhi™ Panoramic Padel Court System Optional Electrical Conduit Location.....	ID-00574
Reference Cornerpost, Padek Panoramic Court System.....	ID-00575
Padel Upright Light Post.....	ID-00576
Padel Upright Light Post with Lighting Kit.....	ID-00591
Outdoor Sport Lighting Zone Slice 48L LED Fixture Installation Detail.....	ID-00605
Upright Post and Mesh Assembly.....	ID-00580
Upright Post and Mesh Assembly.....	ID-00581
Upper End Sill/Mesh Wall Assembly.....	ID-00584
Upper Side Sill and Mesh Wall Assembly.....	ID-00582
Upper Side Sill/Mesh Wall Court Assembly.....	ID-00583
Lower Side Sill Court Assembly.....	ID-00587
Lower End Sill Court Assembly.....	ID-00588
Upper End Sill/Mesh Wall Court Assembly.....	ID-00589
Upper and Lower Glass Sill Angle Brackets.....	ID-00592
Glass Installation Warnings.....	ID-00593
Side and End Glass Installation.....	ID-00594
Glass to Glass Installation.....	ID-00595
Corner Glass to Corner Glass Installation.....	ID-00596
Padel/Pickleball 80x80 Internal Winch Net Posts.....	ID-00590
Padel Post Installation Check List.....	ID-00505
Panoramic Padel Net Post Installation Detail.....	ID-00500

Step 1: Unloading Structure

- * 6K Telehandler
- * Lifting Straps, Minimum 4,000 lbs..
- * T25 Torx Bit

Step 2: Structure and Glass Installation

- * 100' Tape Measure and Standard Tape Measure
- * Chalk/String Line
- * Hammer Drill
- * Impact Drill
- * 1/2" and 12mm (3" and 6" depth) Masonry Drill Bits
- * Imperial Socket Set (9/16" and 3/4" sockets)
- * Metric Socket Set (10mm, 13mm and 17mm sockets)
- * Allen Key Set (5mm)
- * Dead Blow Hammers
- * Moving Dolley (2 minimum)
- * Tempered Glass Suction Cups (2 minimum, 500 lbs. capacity)
- * 3'-4' Levels
- * Caulk Gun
- * 8'-10' Step Ladders (2 minimum)
- * Flatbar
- * Air Compressor, hose and extended nozzle

Step 3: Turf Installation

- * Utility Knife and Blades
- * Carpet Knife
- * Seam Rollers
- * Trowel
- * Push Broom
- * Gule Mixing Paddle

Step 4: Miscellaneous Items

- * Extension Cords
- * Grinder
- * Leaf Blower
- * Spud Wrench
- * Multi-Tool/Oscillating Tool
- * Ratchet Strap
- * Generator (Site Specific)

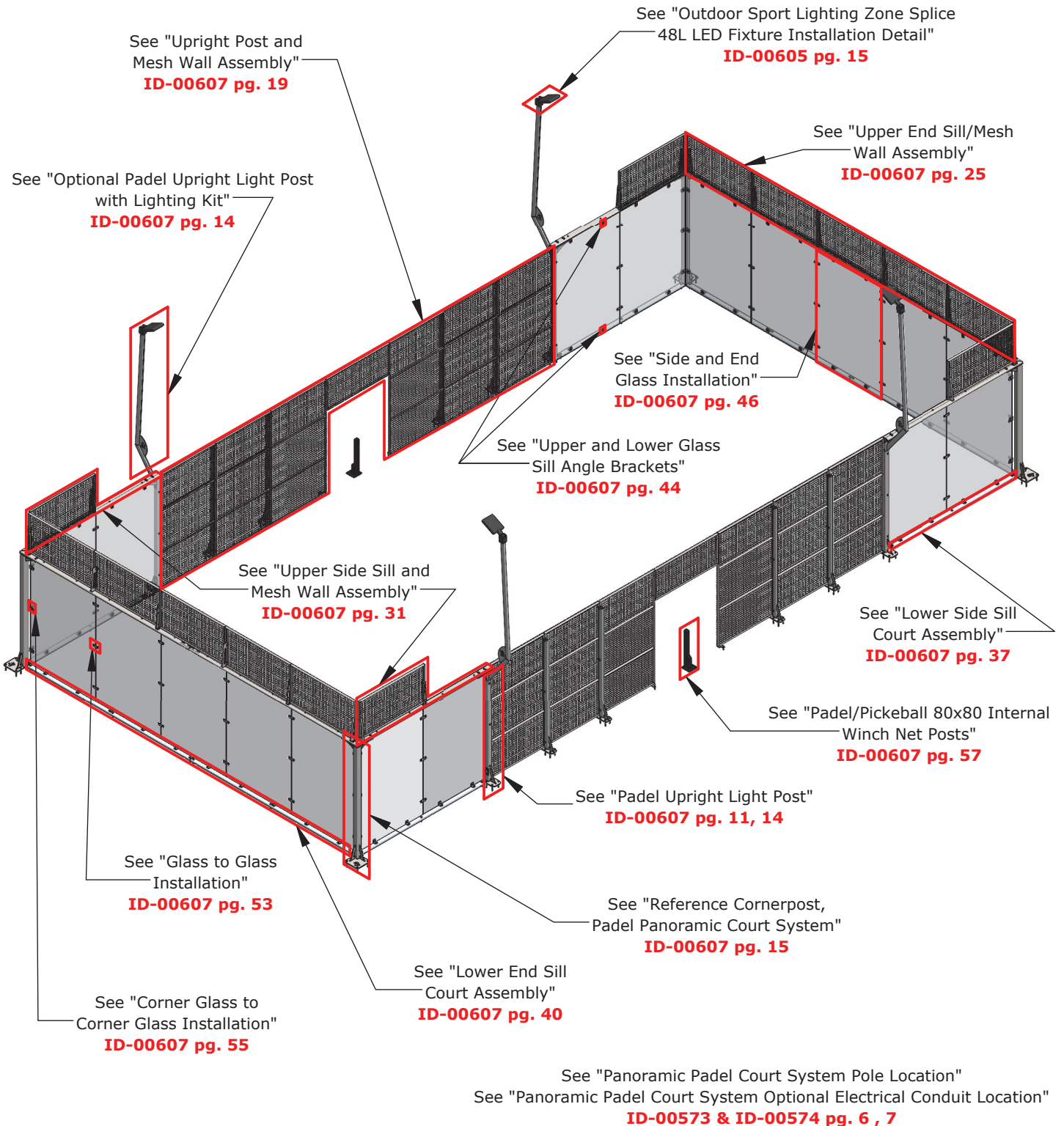
TITLE: **Sportsfield Specialties Installation
Tool Requirements for PaDelhi
Panoramic Court System**

DWG NO:

ID-00606

SHEET 1 OF 1

PaDelhi™ Padel Panoramic Court System Overview



TITLE:

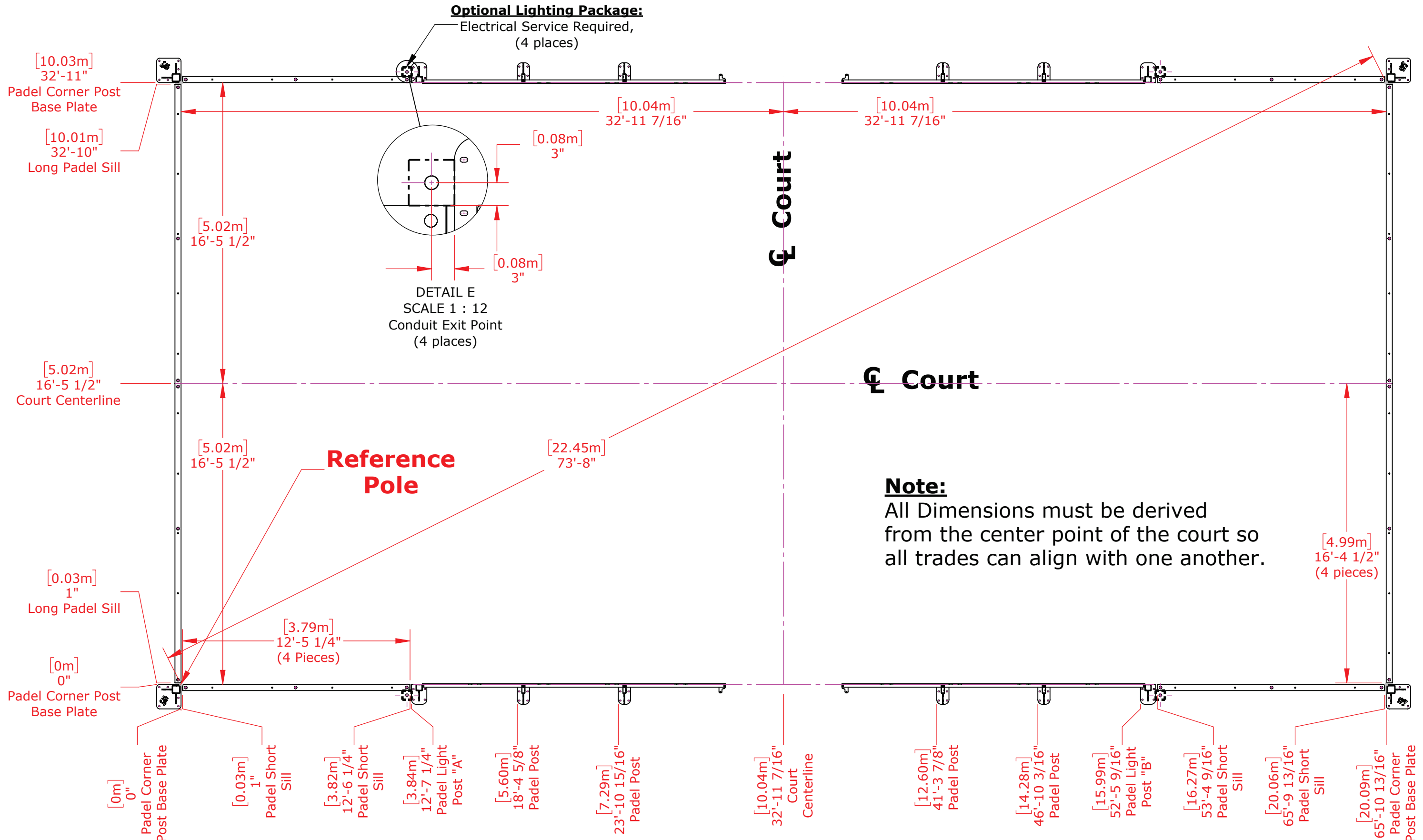
**PaDelhi™ Panoramic Padel
V2 Court System Overview**

DWG NO:

ID-00607

Step 1 Padelhi™ Panoramic Padel Court System Pole Location

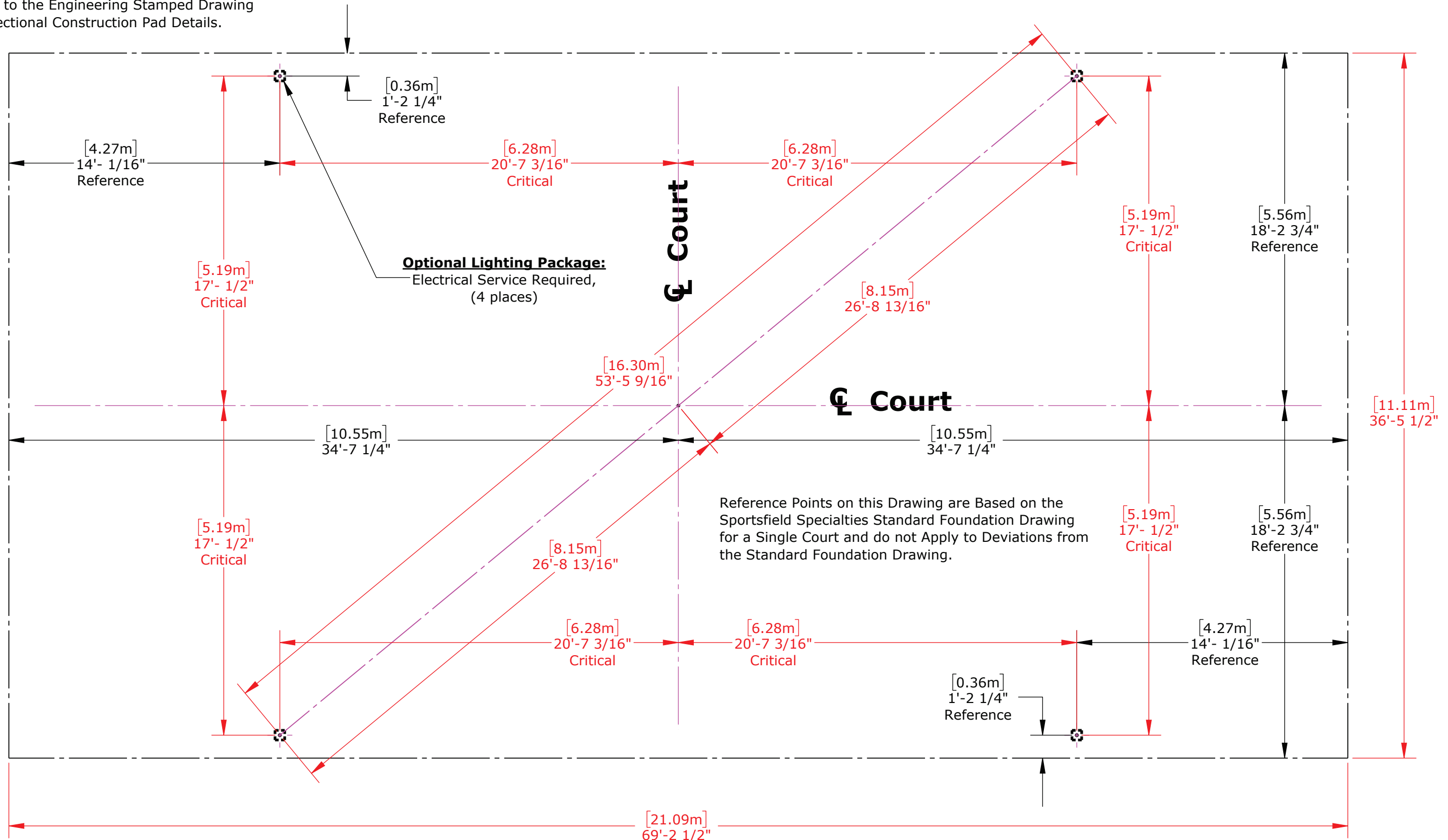
Mark pole locations as shown.



TITLE:	Padelhi™ Panoramic Padel Court System Pole Location	DWG NO:	ID-00573
			SHEET 1 OF 1

Step 1 Padelhi™ Panoramic Padel Court System Optional Electrical Conduit Exit Location

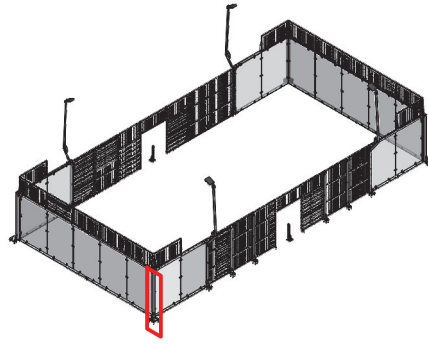
Mark electrical conduit locations as shown.
Please refer to the Engineering Stamped Drawing for Cross-Sectional Construction Pad Details.



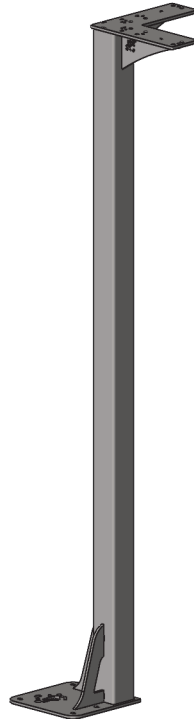
Note:
All Dimensions must be derived from the center point of the court so all trades can align with one another.

TITLE: Padelhi™ Panoramic Padel Court System Optional Electrical Conduit Location	DWG NO: ID-00574
	SHEET 1 OF 1

Reference Cornerpost, Padel Panoramic Court System



Reference Documents: **ID-00575**



E-0038-S202
Padel Cornerpost
4 pcs.

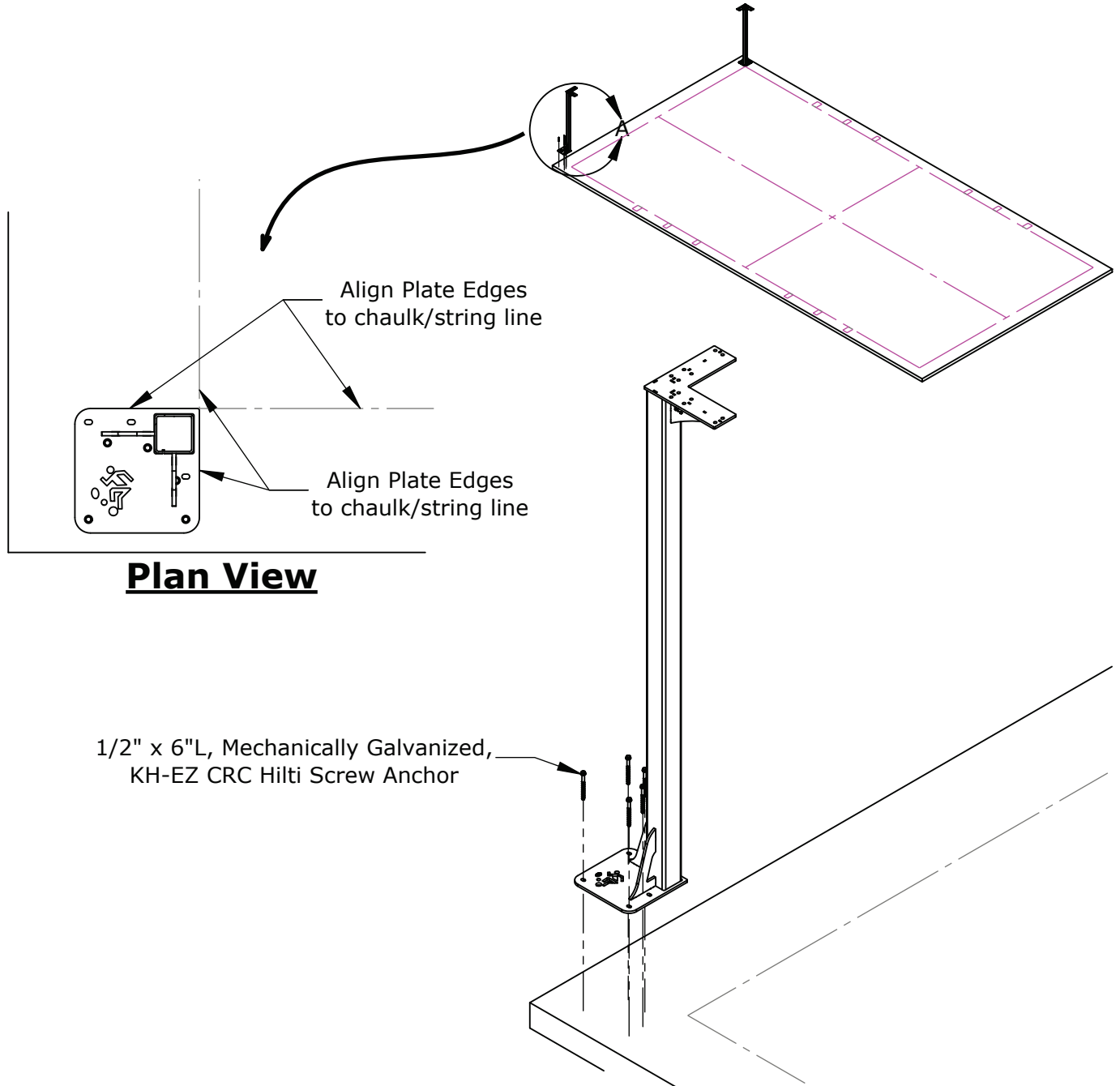
TITLE: Reference Cornerpost,
Padel Panoramic Court System

DWG NO:

ID-00607

Step 1: Installing the Reference Padel Cornerpost

1. Position the Padel Cornerpost per markings/strings. Once positioned, use the baseplate of the Cornerpost as a drill guide to drill into the slab at a maximum depth of 6" using a 1/2" diameter masonry drill bit (or equivalent).
2. Use compressed air/nozzle to remove masonry material out of the newly drilled hole.
2. Install the Anchor Screws. Do not tighten into final position.
3. Duplicate Padel Cornerpost installation on opposing side.
4. After assembly, tighten hardware and install Plastic Hardware Caps.



TITLE:

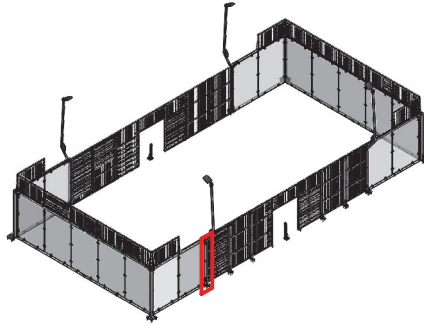
Reference Cornerpost, Padel
Panoramic Padel Court System

DWG NO:

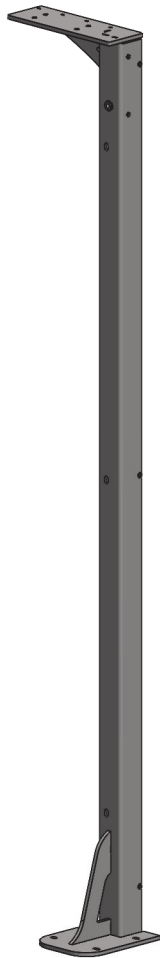
ID-00575

SHEET 1 OF 1

Padel Upright Light Post

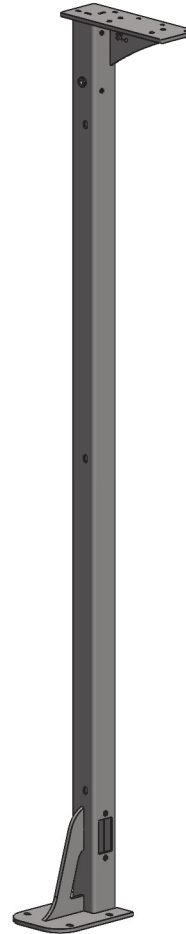


Reference Documents:
ID-00576 & ID-00591



E-0038-S203
Padel Light Post A
2 pcs.

Reference Documents:
ID-00576 & ID-00591



E-0038-S204
Padel Light Post B
2 pcs.

TITLE:

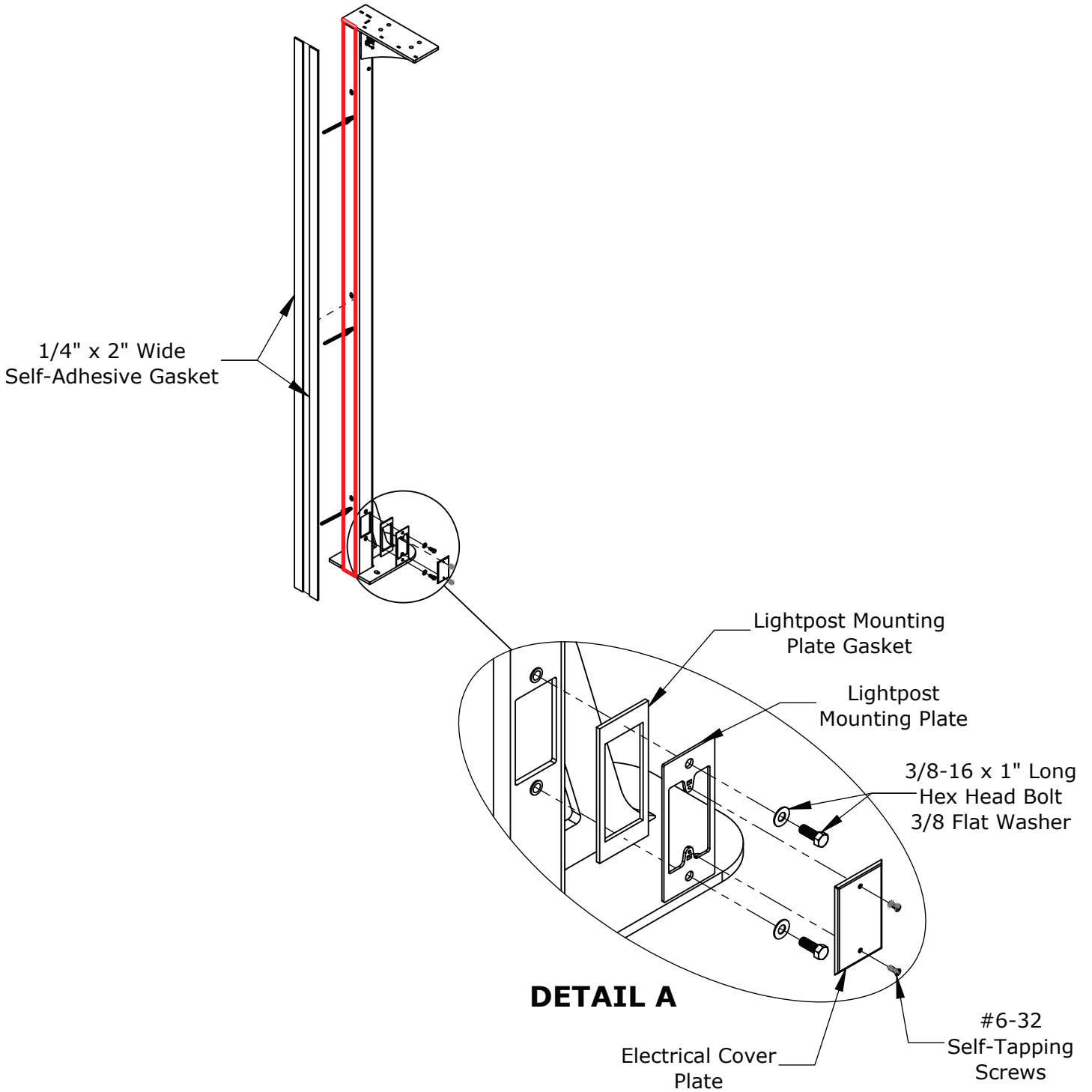
Padel Upright Light Post

DWG NO:

ID-00607

Step 1: Prepping Light Post A and B, Electrical Cover and Glass Gasket

Apply (2) strips of self-adhesived gasketing strips side by side onto the light pole as shown. Verify the gasket is flat and is applied to completely cover the tube face. Note the orientation of pole/base plate and gasketing as shown. Assemble the electrical covers and associated accessories as shown. Duplicate this procedure with the remaining Light Poles.



TITLE:	DWG NO:
Padel Upright Light Post	ID-00576
	SHEET 1 OF 2

Step 2: Prepping Light Posts, Installing Light Poles

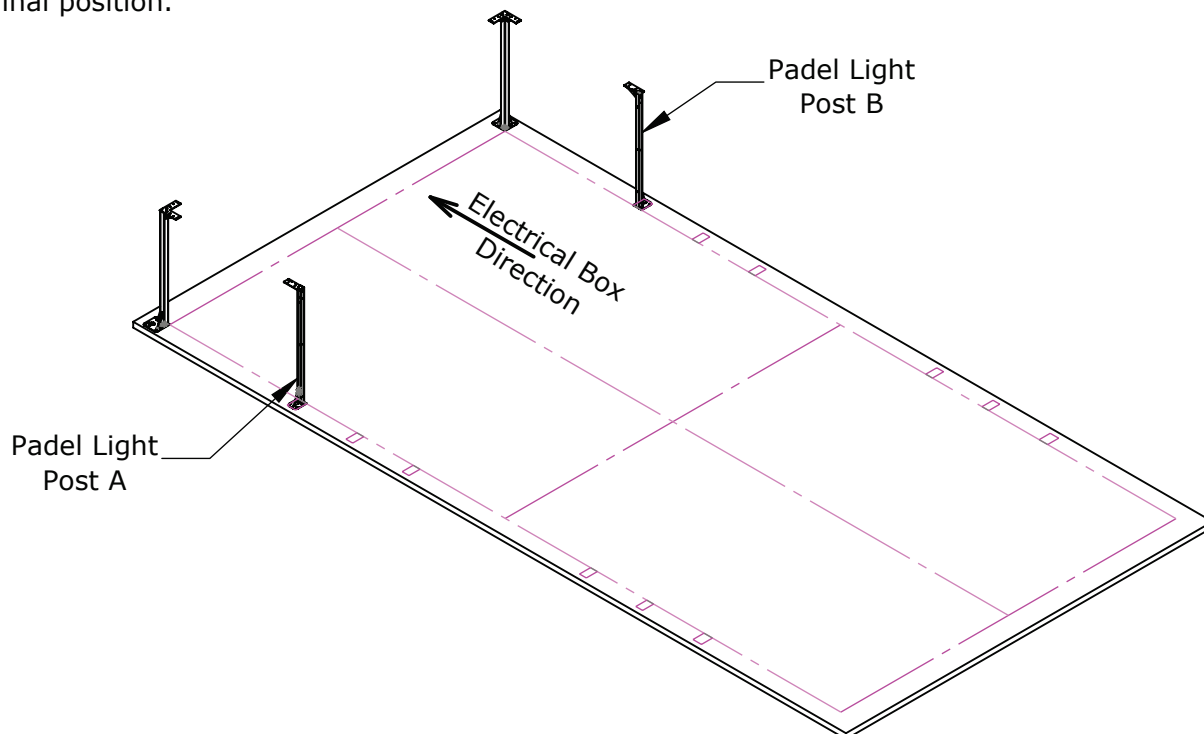
1. Position the Padel Light Post A per markings/strings. Verify the post orientation by aligning the electrical box to face the end of the court. Once positioned, use the baseplate of the Light Post as a drill guide to drill into the slab at a maximum depth of 6" using a 1/2" diameter masonry drill bit (or equivalent).
2. Using a shop vacuum, remove concrete material. Install the Anchor Screws. Do not tighten into final position.

1/2" x 6"L, Mechanically Galvanized,
KH-EZ CRC Hilti Screw Anchor



Step 3: Prepping Light Posts, Installing the other Post

1. Position the opposing Padel Light Post B per markings/strings. Verify the post orientation by aligning guide to drill into the slab using at a maximum depth of 6" using a 1/2" diameter masonry drill bit (or equivalent).
2. Using a shop vacuum, remove concrete material. Install the Anchor Screws. Do not tighten into final position.



TITLE:

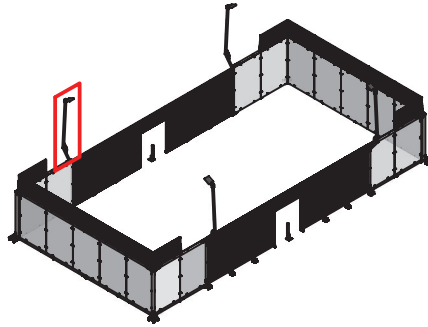
Padel Upright Light Post

DWG NO:

ID-00576

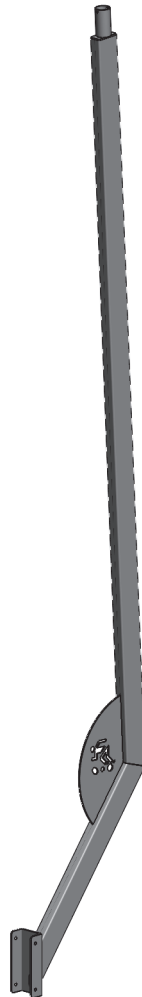
SHEET 2 OF 2

Optional Padel Upright Light Post with Lighting Kit



Reference Documents:

ID-00591



E-0038-S213
Padel Light Mountin Arm
4 pcs.

TITLE:

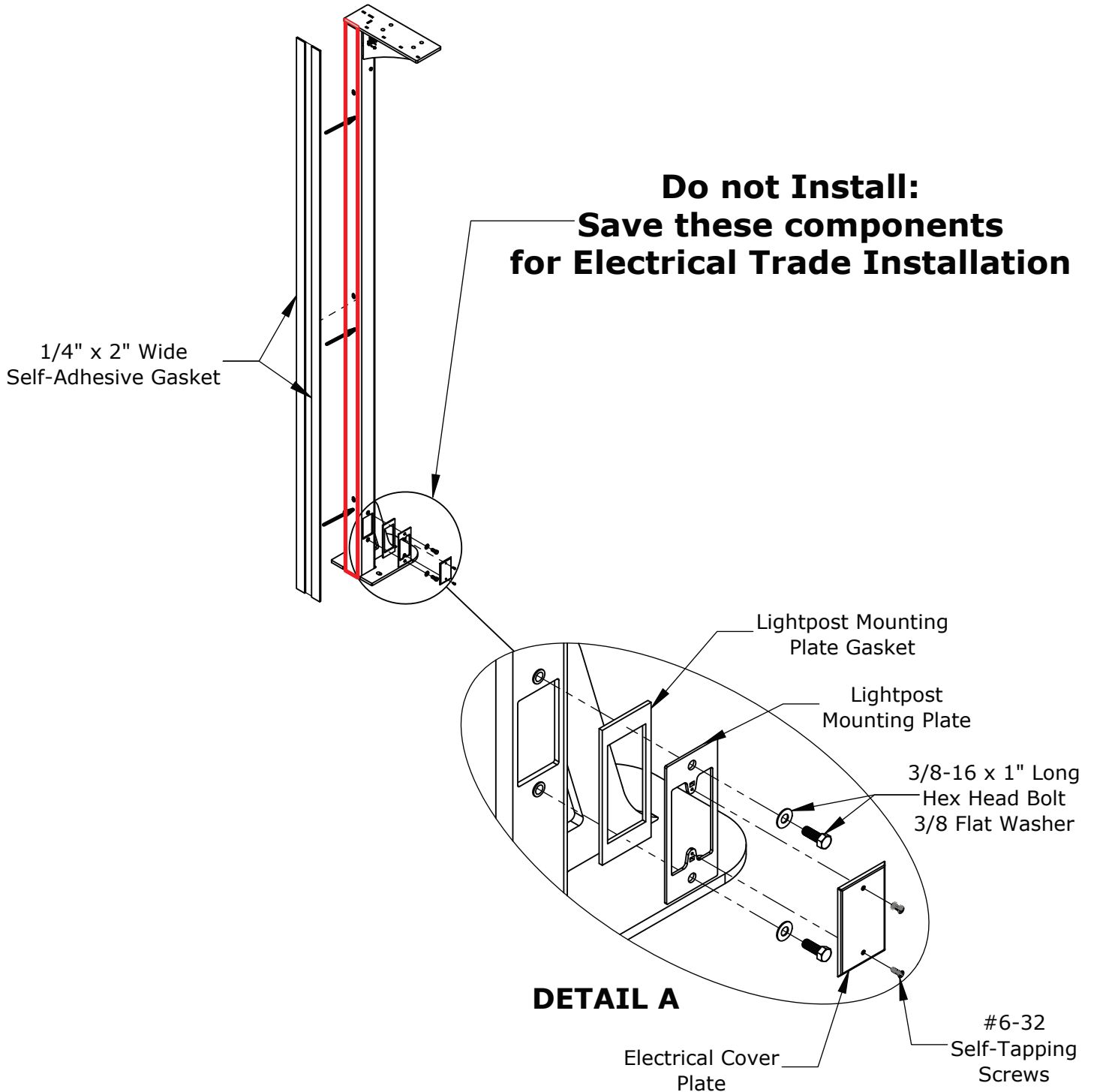
Optional Padel Upright
Light Post with Lighting Kit

DWG NO:

ID-00607

Step 1: Prepping Light Post A and B, Light Arm Electrical Cover and Glass Gasket

Apply (2) strips of self-adhesived gasketing strips side by side onto the light pole as shown. Verify the gasket is flat and is applied to completely cover the tube face. Note the orientation of pole/base plate and gasketing as shown. Retain Electrical Mounting Plates, Mounting Plate Gaskets and Electrical Covers in a safe place for the Electrical Trade. Duplicate this procedure with the remaining Light Poles.



TITLE:

Padel Upright Light Post
with Lighting Kit

DWG NO:

ID-00591

SHEET 1 OF 3

Step 1: Sport Lighting Zone Wiring Instructions

Installation and Assembly Instructions Slice Area Light (SLM) Series



⚠ WARNING

Risk of fire, electric shock, injury or property damage

Risk of electric shock—Disconnect power to equipment before installing or servicing.
 This equipment must be installed according to all applicable codes & ordinances.
 Installation and service of this equipment must be performed by qualified service personnel.
 Do not install damaged equipment.
 Read these instructions before installing, servicing or maintaining this equipment.
 Save these instructions for maintaining and servicing.

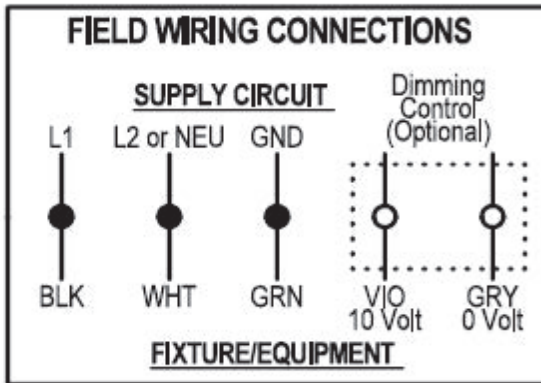
⚠ CAUTION

Failure to follow instructions or altering equipment could result in damage and void warranty.
 Edges may cut—wear gloves while handling or servicing this equipment.
 Inspect equipment for damage from shipping and handling.

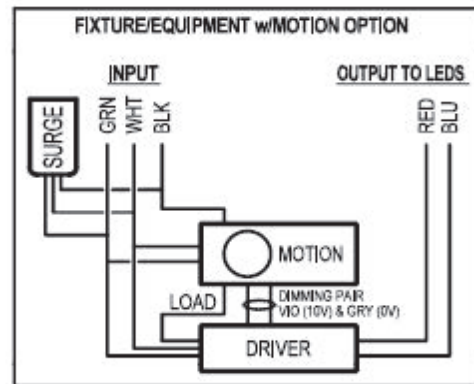
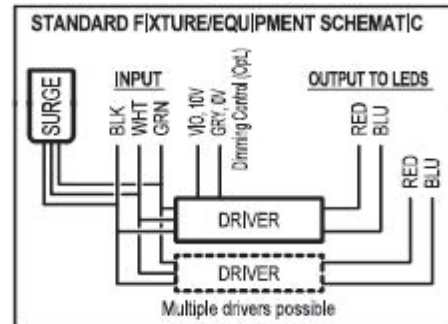
LUMINAIRE INSPECTION

1. Remove the luminaire from the carton and inspect luminaire for damage. Do not install a damaged luminaire.

WIRING INFORMATION



Installation Questions
 Call LSI Field Service Dept.
 800-436-7800 ext. 3300



LSI Industries Inc. 10000 Alliance Rd. Cincinnati, OH 45242 www.lsi-industries.com
 681282 Rev. 05-21-18

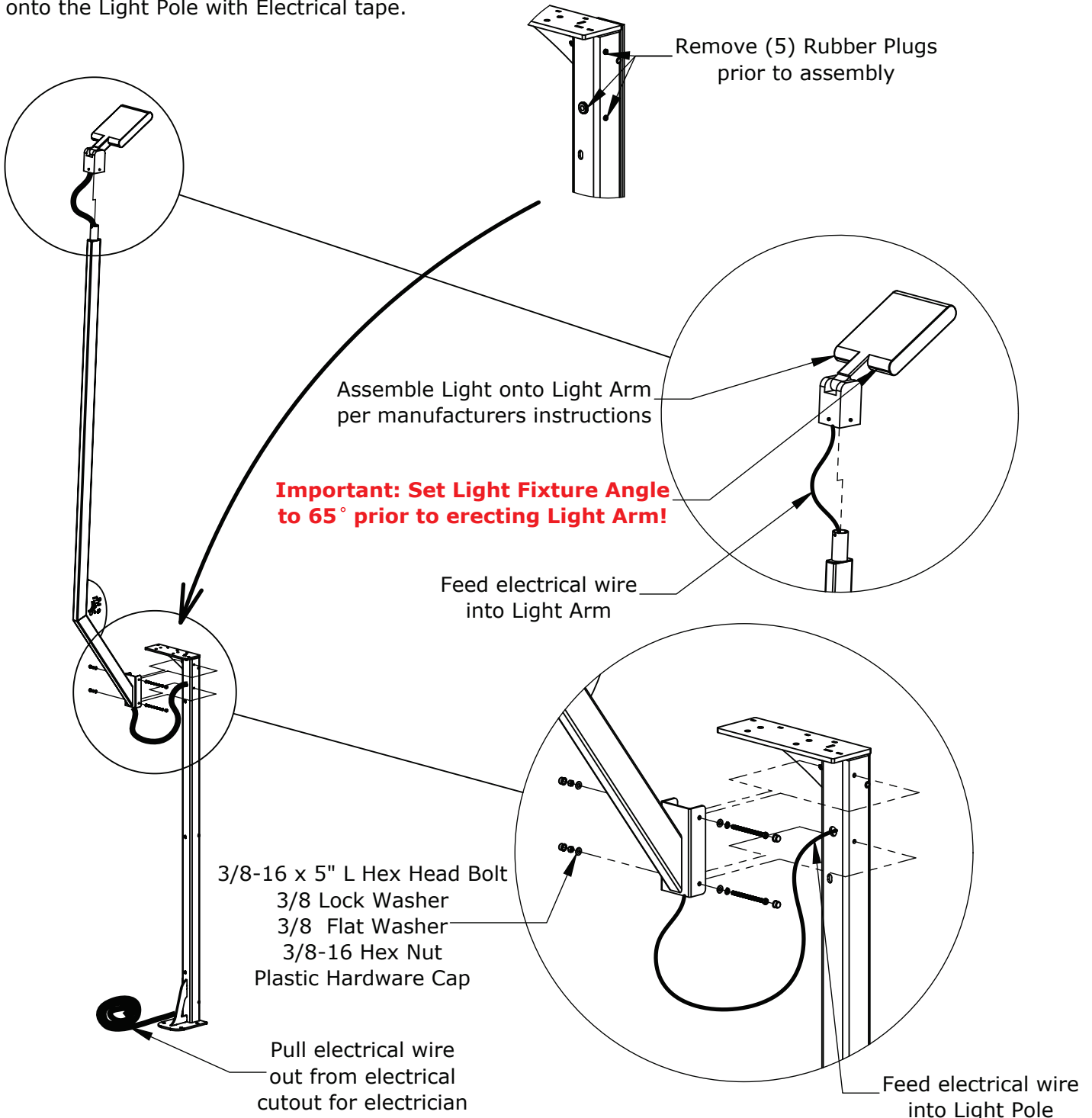
TITLE:
**Outdoor Sport Lighting Zone Slice
 48L LED Fixture Installation Detail**

DWG NO:
ID-00605

SHEET 1 OF 2

Step 2: Prepping Light Post A and B, Light Arm Electrical Cover and Glass Gasket

Prior to attaching the Light Arm to the Light Post, remove the (5) Rubber Plugs from the Light Post. Before placing the LED Light, snake the electrical cable into the arm as shown. Attach the LED Light per manufacturer's instructions. **Important:** Set the Light Fixture Position to 65° prior to erecting the Light Arm onto the Light Post. Position the Light Arm to the Light Post onto assembly position. Snake the electrical cable from the Light Arm into the Light Post as shown below. Pull the excess Electrical cable through the electrical cutout located at the bottom of the Light Post. Attach the Light Arm onto the Light Post with hardware as shown. Install the Plastic Hardware Caps. Prior to placing the assembly upright, verify the electrical cable excess has been pulled through the electrical cutout. Secure the excess onto the Light Pole with Electrical tape.



TITLE:

Padel Upright Light Post
with Lighting Kit

DWG NO:

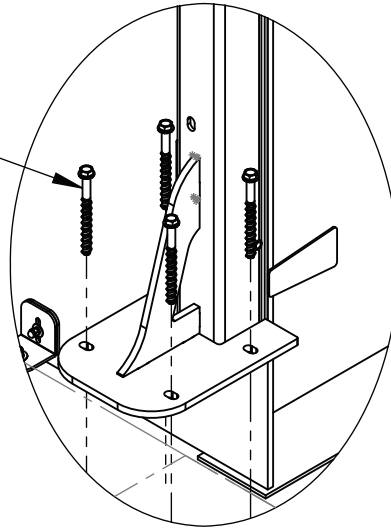
ID-00591

SHEET 2 OF 3

Step 3: Prepping Light Posts, Lighting Arm, Installing Light Poles

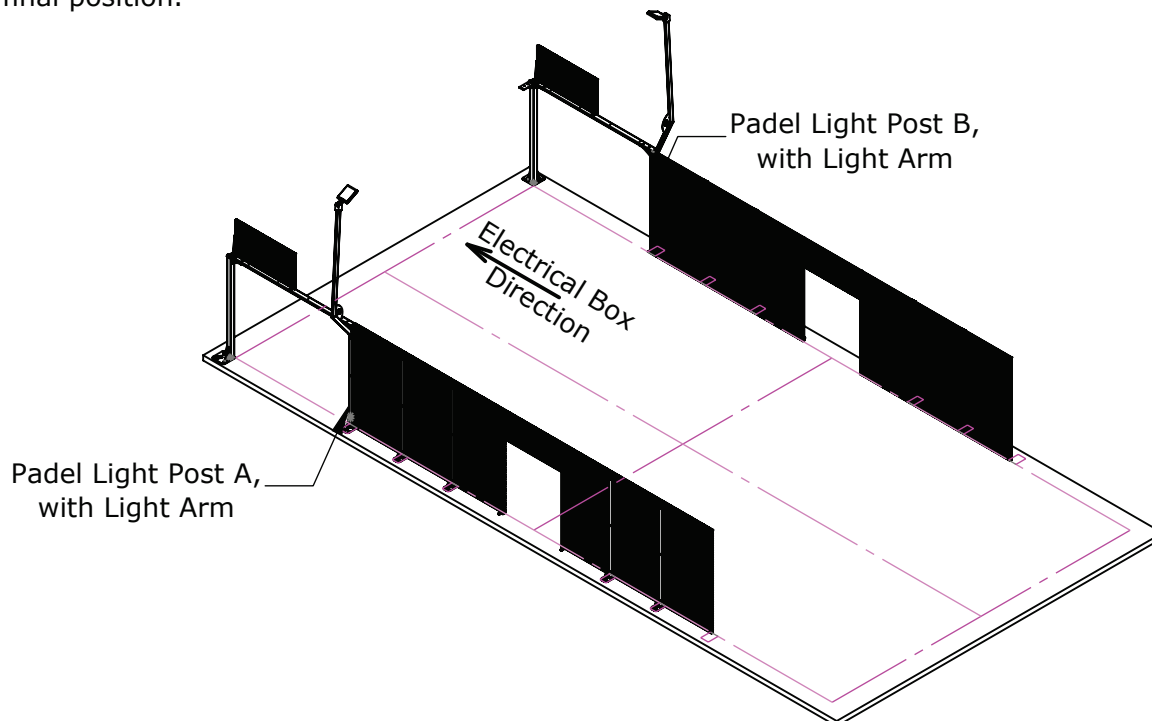
1. Position the Padel Light Post A per markings/strings. Verify the post orientation by aligning the electrical box to face the end of the court. Once positioned, use the baseplate of the Light Post as a drill guide to drill into the slab at a maximum depth of 6" using a 1/2" diameter masonry drill bit (or equivalent).
2. Using a shop vacuum, remove concrete material. Install the Anchor Screws. Do not tighten into final position.

1/2" x 6"L, Mechanically Galvanized,
KH-EZ CRC Hilti Screw Anchor



Step 4: Prepping Light Posts, Lighting Arm, Installing Light Poles Installing the other Post

1. Position the opposing Padel Light Post B per markings/strings. Verify the post orientation by aligning guide to drill into the slab using at a maximum depth of 6" using a 1/2" diameter masonry drill bit (or equivalent).
2. Using a shop vacuum, remove concrete material. Install the Anchor Screws. Do not tighten into final position.



TITLE:

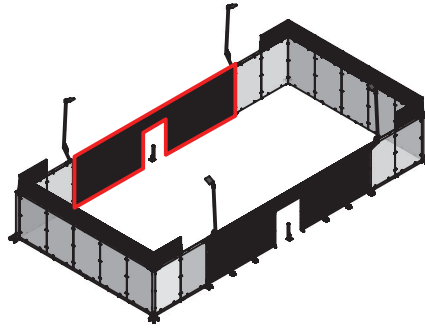
Padel Upright Light Post
with Lighting Kit

DWG NO:

ID-00591

SHEET 3 OF 3

Upright Post and Mesh Assembly

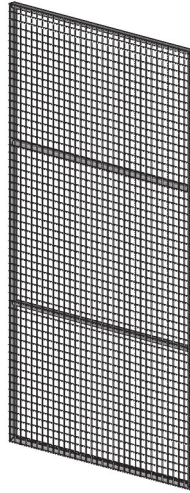


Reference Documents:
ID-00580 & ID-00581



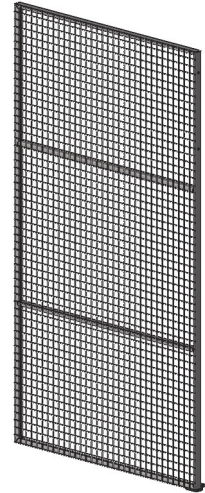
E-0038-S205
Padel Post
8 pcs.

Reference Documents:
ID-00580 & ID-00581



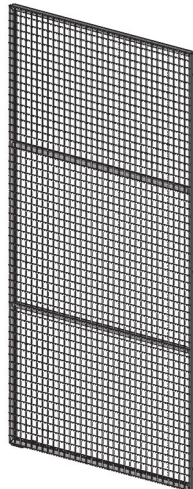
E-0038-S211
1.7M x 3M Mesh Panel
8 pcs.

Reference Documents:
ID-00580 & ID-00581



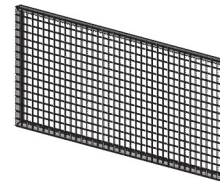
E-0038-S214
1.7M x 3M Adjacent Gate **A**
Mesh Panel, 2 pcs.

Reference Documents:
ID-00580 & ID-00581



E-0038-S215
1.7M x 3M Adjacent Gate **B**
Mesh Panel, 2 pcs.

Reference Documents:
ID-00580 & ID-00581



E-0038-S212
2M x 0.8M Mesh Panel
2 pcs.

TITLE:

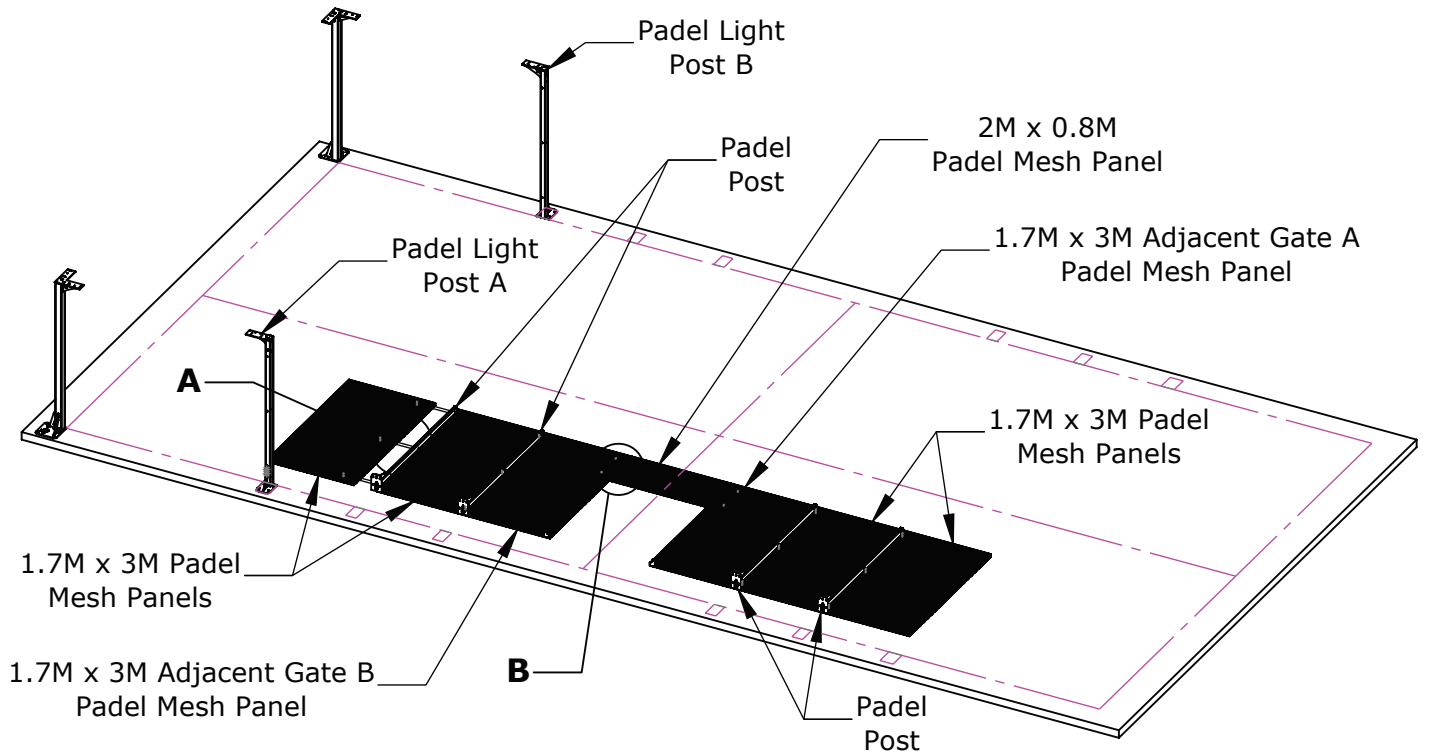
Upright Post and Mesh
Assembly

DWG NO:

ID-00607

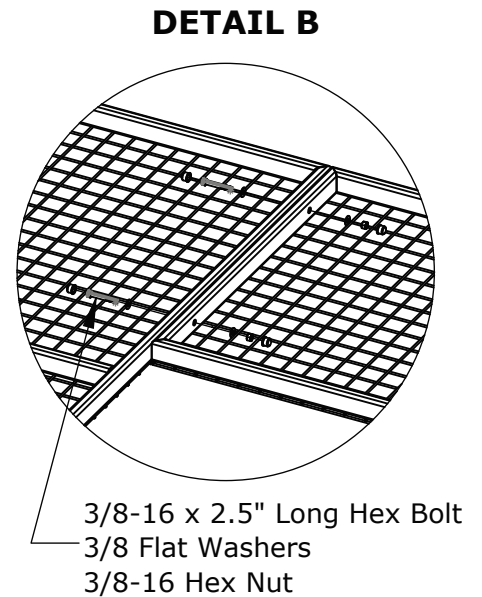
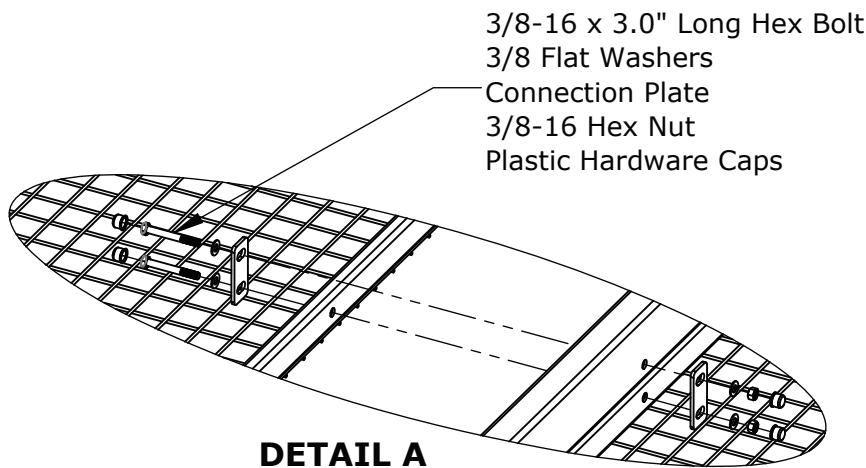
Step 1: Padel Upright Posts and Mesh Panel Assembly

Using provided rubber strips between the court surface and product, position Padel Posts and Mesh Panels on the court surface for assembly as shown.



Step 2: Post/Mesh Assembly

Assemble Post and Mesh per Detail A as shown. Assemble Adjacent Gate A and B Panels with 2M x 0.8M Mesh Panel per Detail B as shown. Align horizontal mesh wires of all adjacent panels. Tighten all hardware. Apply Plastic Hardware Caps onto both ends of hardware and at all locations.



Step 3: Duplicate Post/Mesh Assembly

Duplicate procedural steps for opposing assembly.

TITLE:

Upright Post and Mesh Assembly

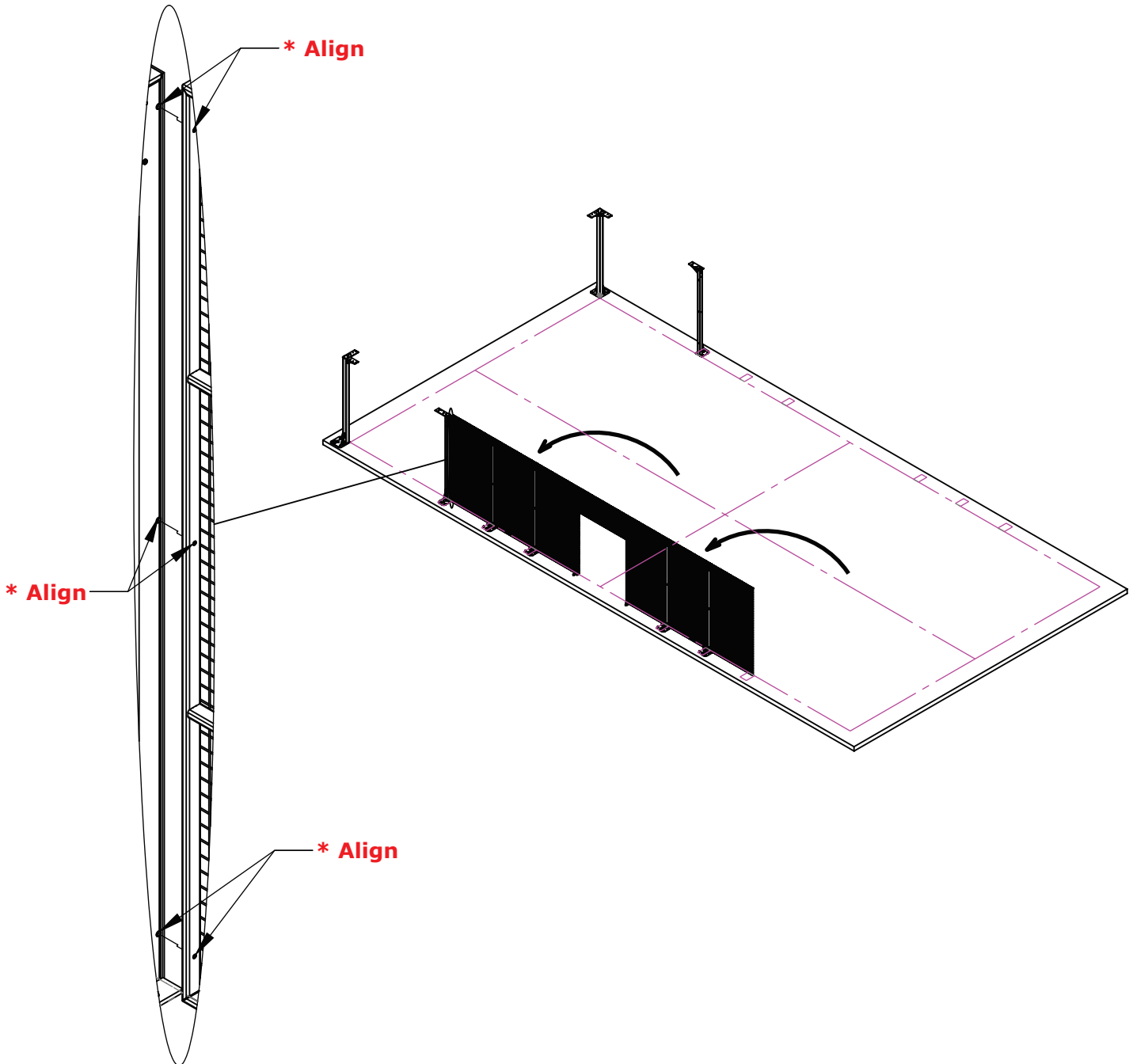
DWG NO:

ID-00580

SHEET 1 OF 1

Step 1: Upright Post/Mesh Wall Assembly

Vertically position the assembled Upright Post/Mesh Wall assembly. Align the Upright Post/Mesh Wall assembly onto the Padel Light Post by aligning the (3) holes within the Mesh Wall and the (3) threaded inserts* within the Padel Light Post. Securely hold the wall in position in preparation for next step.



TITLE:

Upright Posts and
Mesh Wall Assembly

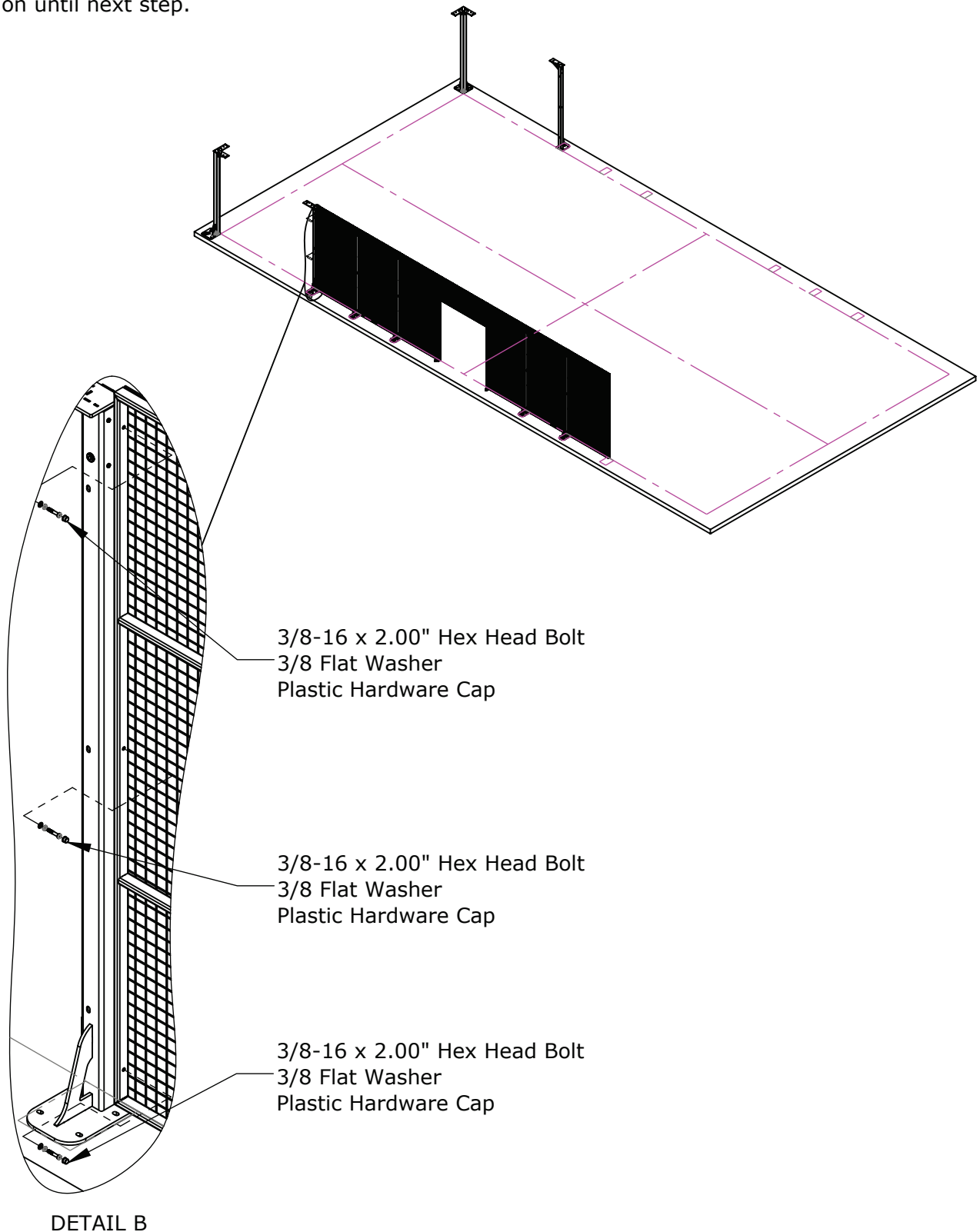
DWG NO:

ID-00581

SHEET 1 OF 4

Step 2: Upright Post/Mesh Wall Assembly Hardware

Assemble the vertically positioned Upright Post/Mesh Wall assembly to the Padel Light Post using hardware as shown. Tighten hardware prior to installing Plastic Hardware Caps. Continue to secure wall in position until next step.



TITLE:

Upright Posts and
Mesh Wall Assembly

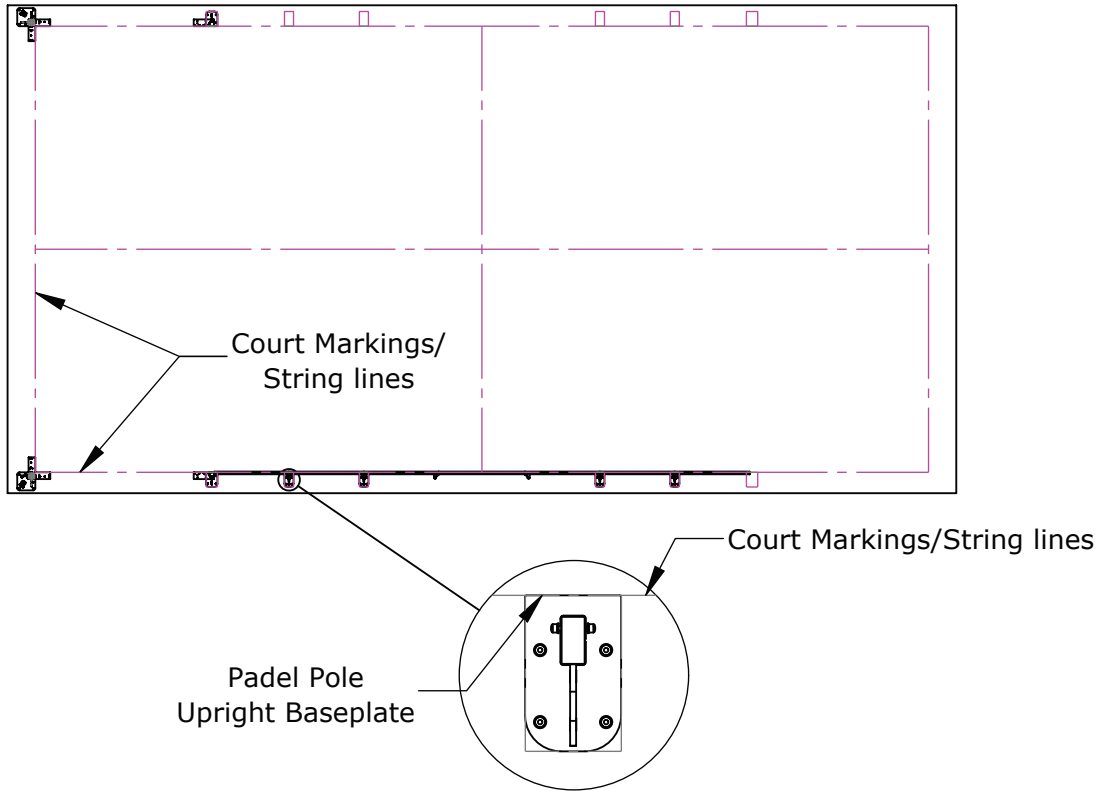
DWG NO:

ID-00581

SHEET 2 OF 4

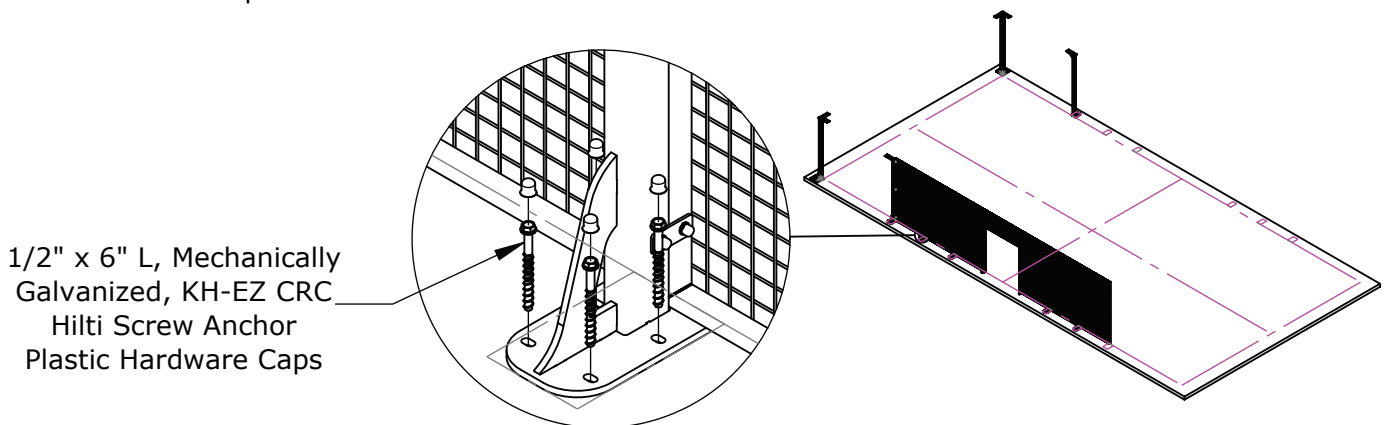
Step 3: Upright Post/Mesh Wall Assembly Hardware

Verify that all Padel Upright Posts are properly aligned per court markings/strings by positioning the the baseplates in line as shown.



Step 4: Upright Post/Mesh Wall Assembly Hardware

Once each Padel Upright Post has been accurately positioned, use the baseplate as a drill guide to drill into the slab to a depth of 6" using a 1/2" diameter masonry drill bit (or equivalent). Shop vacuum concrete material from inside hole. Install Anchor Screws as shown. Tighten hardware and install Plastic Hardware Caps.



Step 5: Upright Post/Mesh Wall Assembly Hardware

Duplicate procedural steps for opposing Upright Post/Mesh Wall Assembly.

TITLE:

Upright Posts and
Mesh Wall Assembly

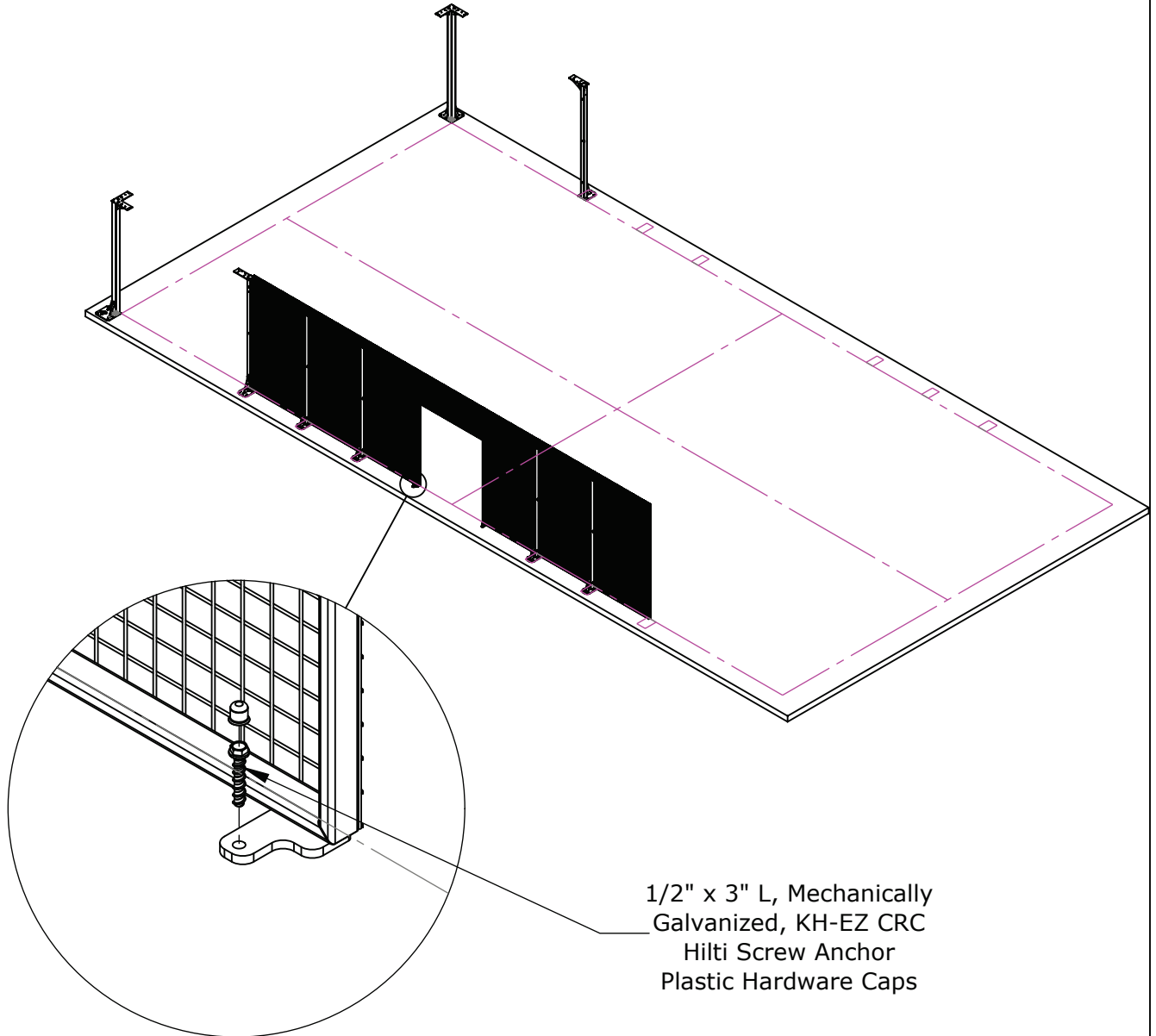
DWG NO:

ID-00581

SHEET 3 OF 4

Step 5: Entry Way Assembly Hardware

At each Entry Way, align the edge of the base plate to the court markings/string. Use the baseplate as a drill guide to drill into the slab to a depth of 3" using a 1/2" diameter masonry drill bit (or equivalent). Shop vacuum concrete material from inside hole. Install AnchorScrews as shown. Tighten hardware and install Plastic Hardware Caps.



Step 5: Upright Post/Mesh Wall Assembly Hardware

Duplicate procedural steps for opposing Upright Post/Mesh Wall Assembly.

TITLE:

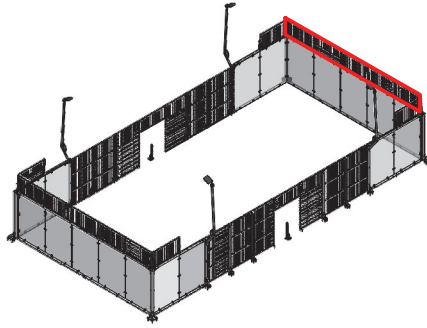
Upright Posts and
Mesh Wall Assembly

DWG NO:

ID-00581

SHEET 4 OF 4

Upper End Sill/Mesh Wall Assembly

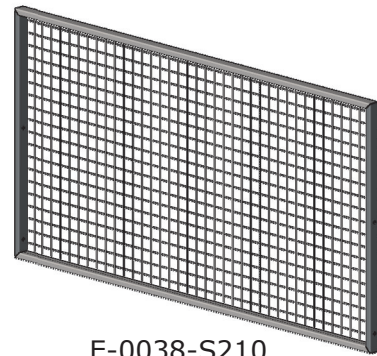


Reference Documents:
ID-00584 & ID-00589



E-0038-S207
Padel Long Header
4 pcs.

Reference Documents:
ID-00584 & ID-00589



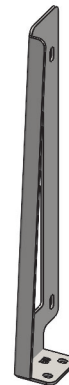
E-0038-S210
2M x 1M Mesh Panel
10 pcs.

Reference Documents:
ID-00584 & ID-00589



E-0038-0214
Mesh Panel/Header Brace **A**
6 pcs.

Reference Documents:
ID-00584 & ID-00589



E-0038-0215
Mesh Panel/Header Brace **B**
6 pcs.

TITLE:

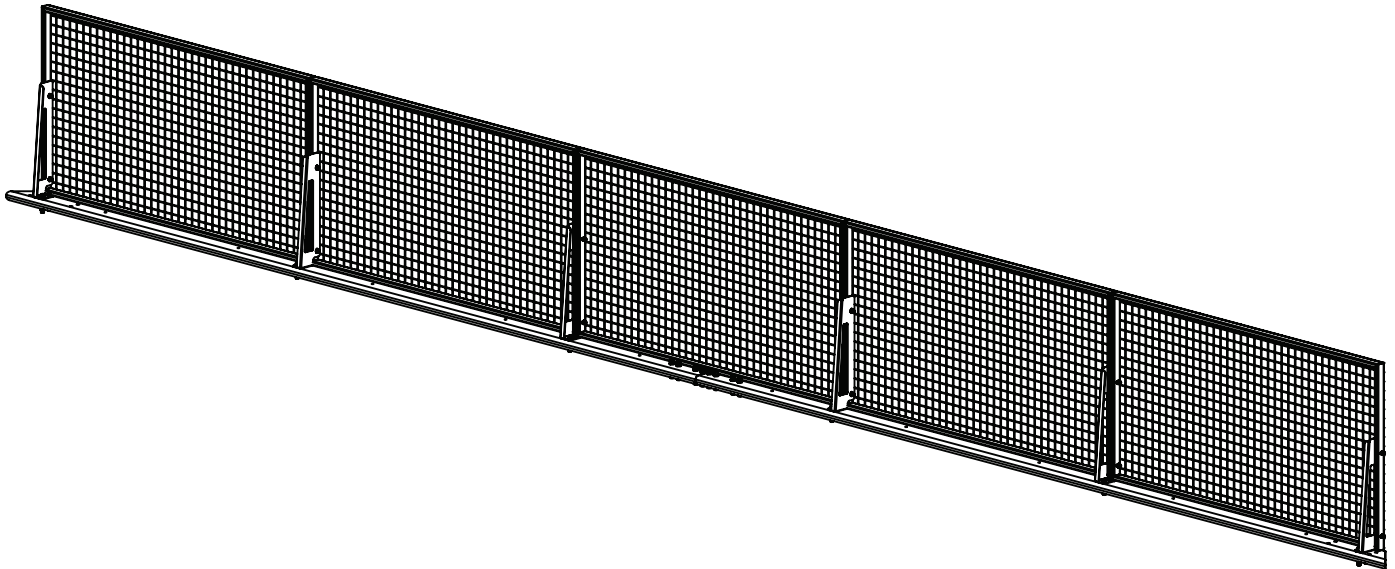
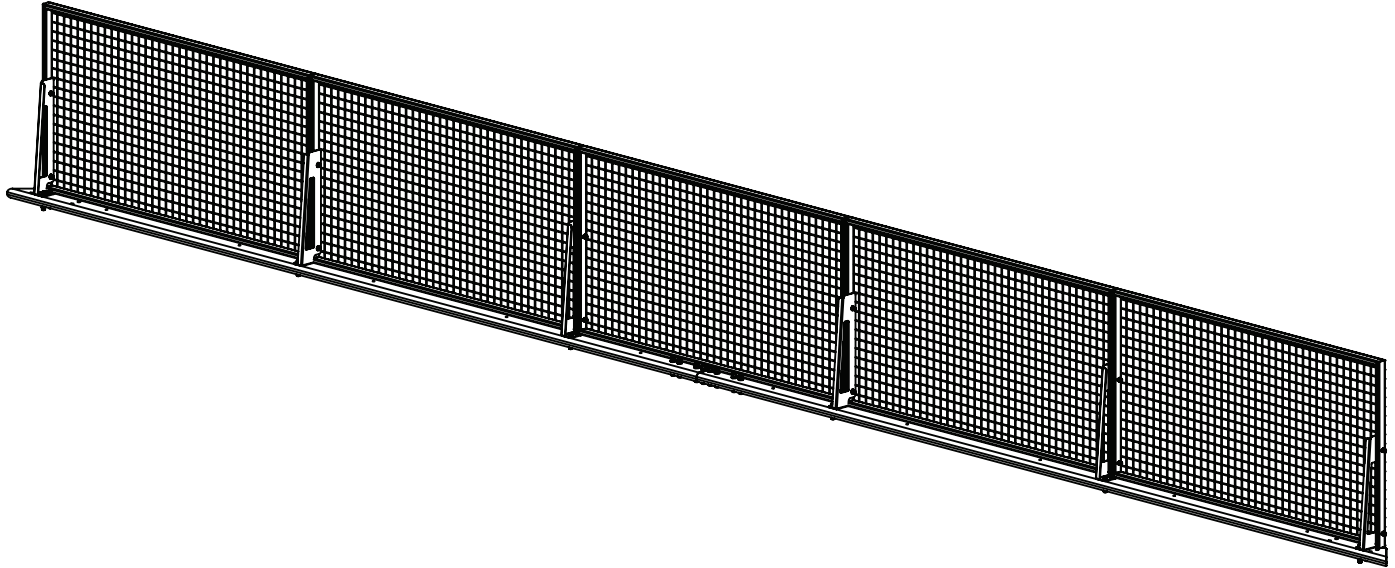
Upper End Sill/Mesh Wall
Assembly

DWG NO:

ID-00607

Step 1: Upper End Sill/Mesh Wall Assembly

The PaDelhi Court will require two Upper End Sill/Mesh Wall assemblies per court.



**(2) Upper End Sill/Mesh Wall Assemblies
required per court**

TITLE:

Upper End Sill/Mesh
Wall Assembly

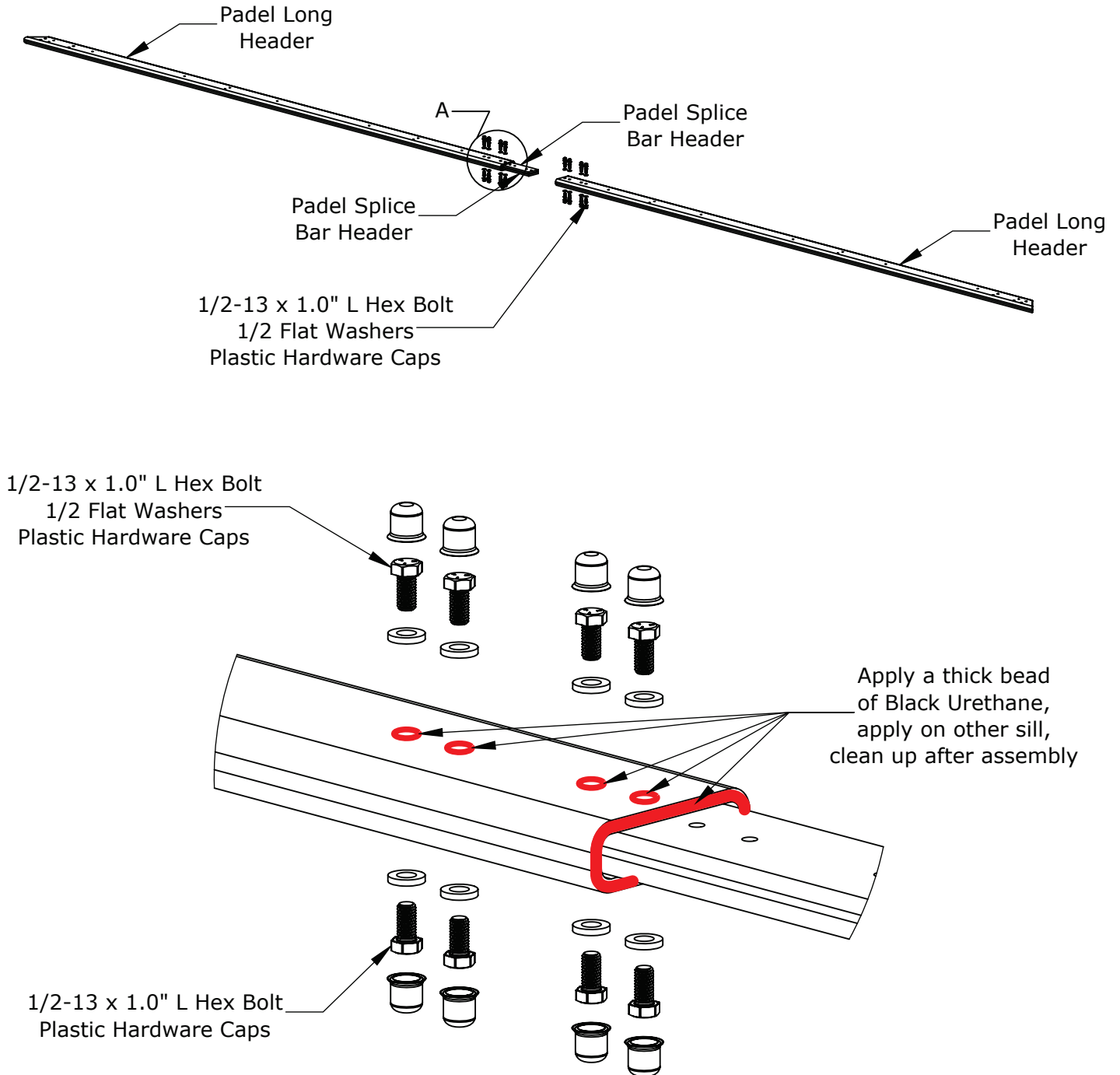
DWG NO:

ID-00584

SHEET 1 OF 5

Step 2: End Sill Long Header Assembly

Assemble the two Padel Splice Bar Headers into one Padel Long Header using hardware as shown. Place a thick bead of silicone caulk along end of Padel Long Header and onto the upper portion of the sill in the area of the hardware as shown. Position the other Padel Long Header into assembled Splice Bar/Header allowing the silicone to flow both interiorly and exteriorly of the Padel Long Header. Assemble the Padel Long Header to form one continuous component. Duplicate the application of Black Urethane on the opposing Padel Long Header. Wipe excess silicone from assembly.



TITLE:

Upper End Sill/Mesh
Wall Assembly

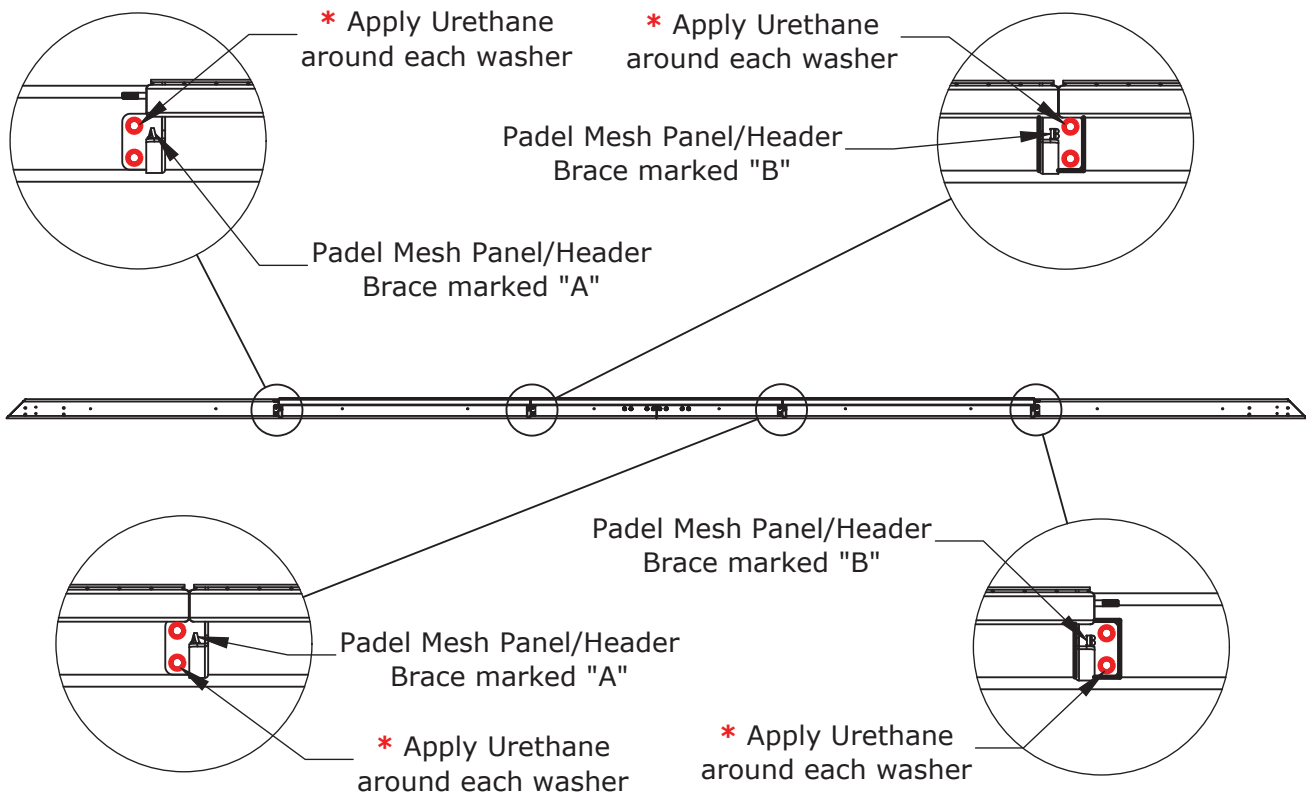
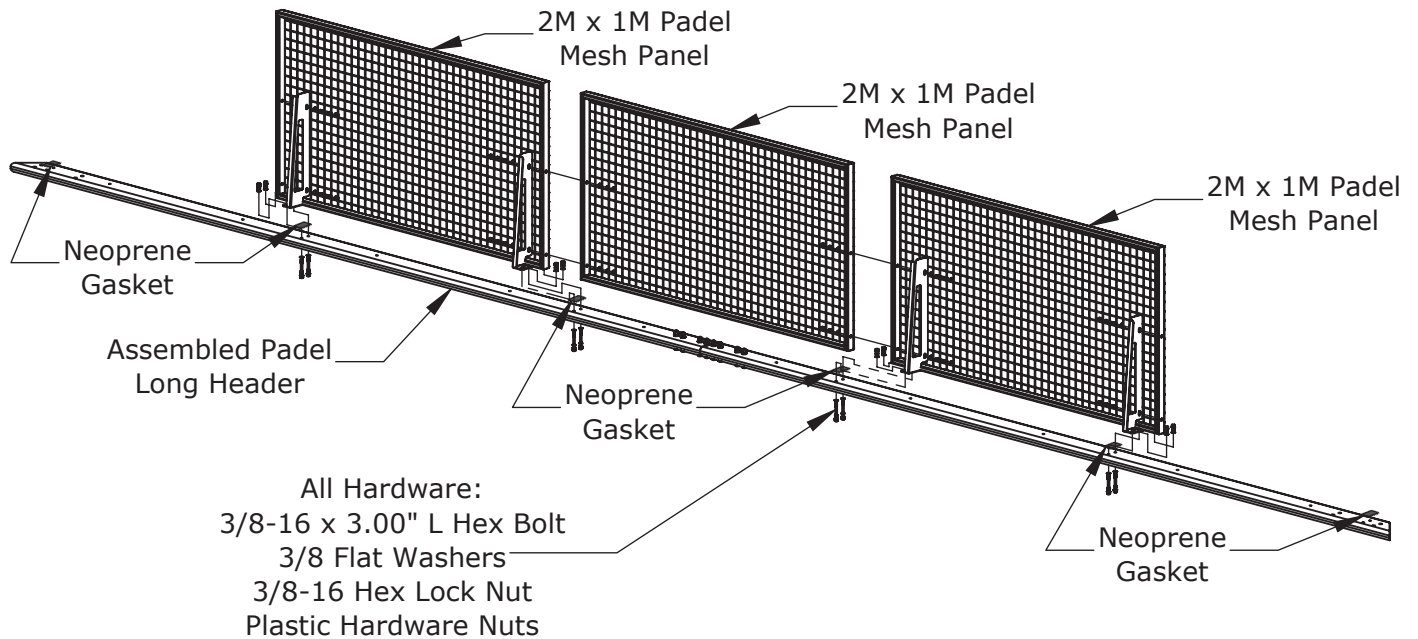
DWG NO:

ID-00584

SHEET 2 OF 5

Step 3: End Sill Middle Mesh Wall Assembly

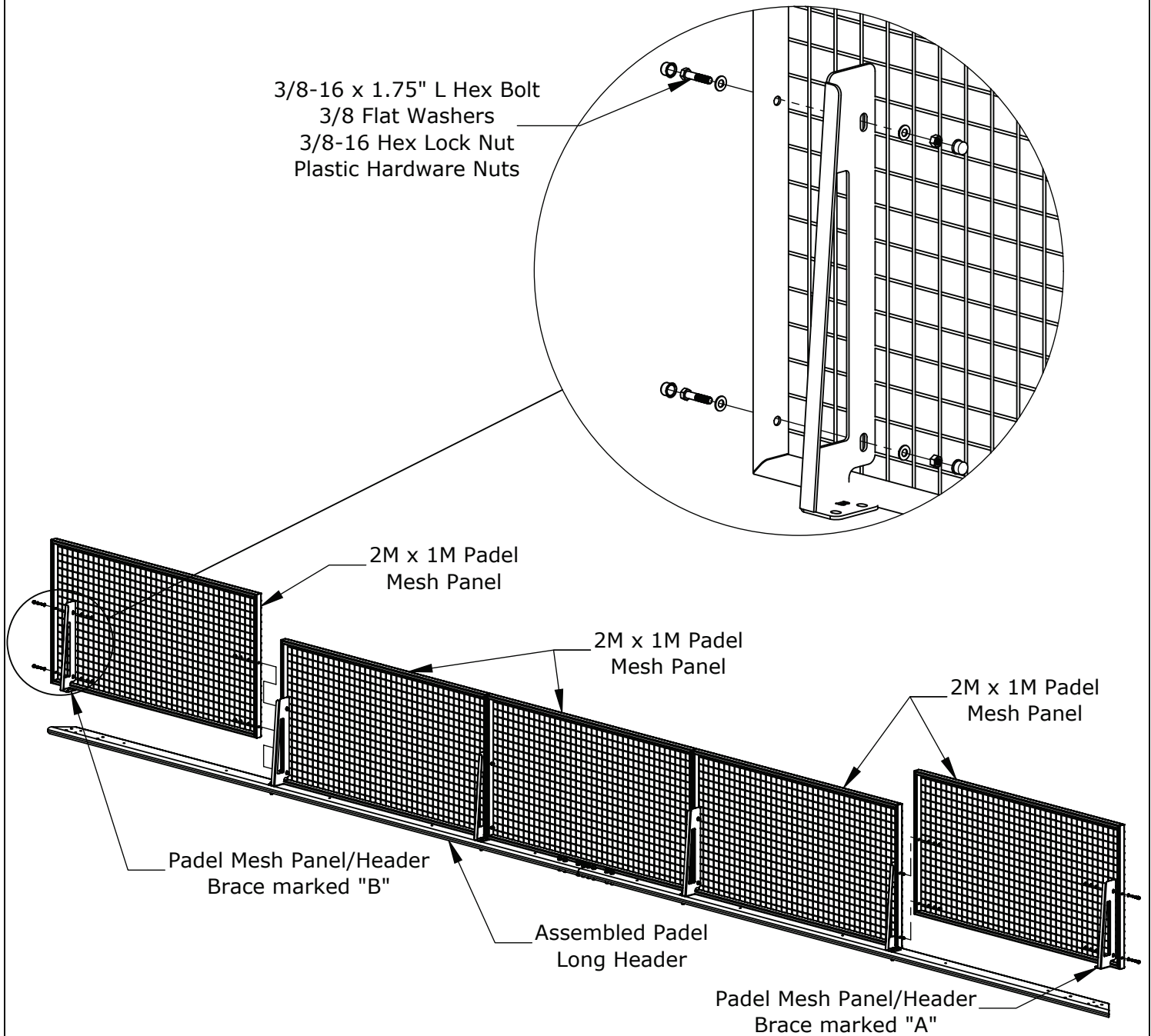
Assemble (3) 2M x 1M Mesh Panels, (2) Padel Mesh Panel/Header Brace marked "A", (2) Padel Mesh/Header Brace marked "B". Prior to fastening hardware, adhere a 2" wide neoprene gasket over the 2 hole geometry on the Long Header/Brace interface. Duplicate procedure at every Long Header/Brace interface. Fasten the Mesh Panel/Header Brace using hardware as shown. Note Padel Panel/Header Brace assembly location as shown. All Header Braces are assembled inside Mesh Panel Frame. Adjust fitment of all components prior to tightening hardware. Tighten all hardware. * Apply a small bead of Black Urethane around each flat washer. Assemble Plastic Hardware Caps.



TITLE:	Upper End Sill/Mesh Wallt Assembly	DWG NO:	ID-00584
			SHEET 3 OF 5

Step 4: End Sill End Mesh Wall Assembly

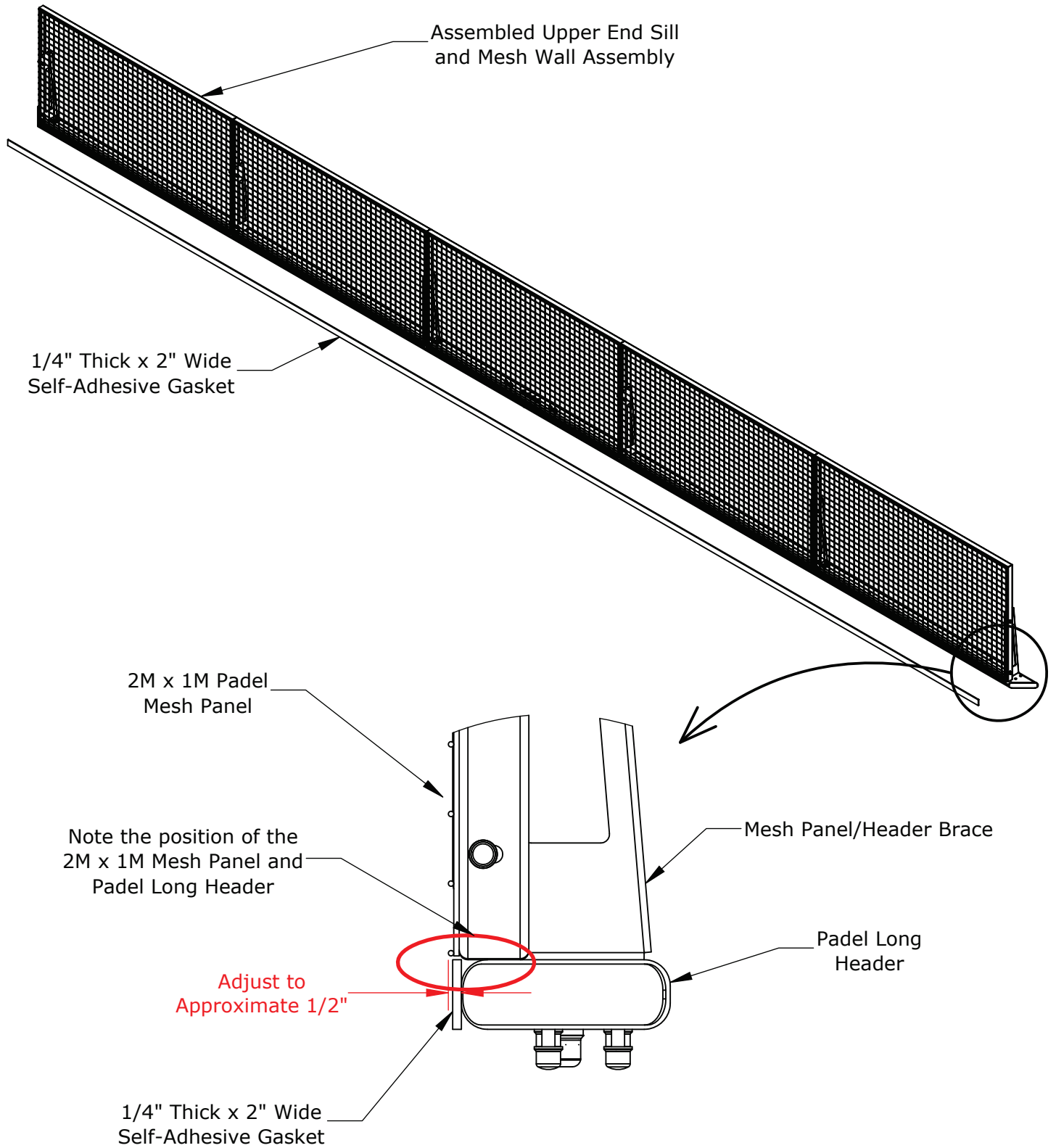
Assemble (2) 2M x 1M Mesh Panels, (1) Padel Mesh Panel/Header Brace marked "A", (1) Padel Mesh/Header Brace marked "B" using hardware as shown. Note Padel Panel/Header Brace assembly location as shown. All Header Braces are assembled inside Mesh Panel Frame. Tighten hardware and assemble Plastic Hardware Caps.



TITLE:	Upper End Sill/Mesh Wall Assembly	DWG NO:	ID-00584
			SHEET 4 OF 5

Step 5: Apply Gasketing to Upper End Sill and Mesh Wall Assembly

Apply the 1/4" Thick x 2" Wide Self-Adhesive Gasket onto surface as shown.



TITLE:

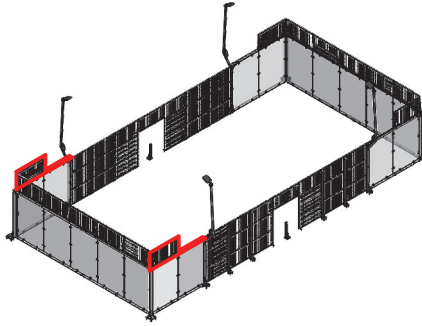
Upper End Sill/Mesh
Wall Assembly

DWG NO:

ID-00584

SHEET 5 OF 5

Upper Side Sill and Mesh Wall Assembly

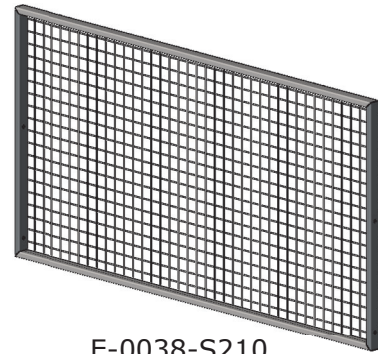


Reference Documents:
ID-00582 & ID-00583



E-0038-S206
Padel Short Header
4 pcs.

Reference Documents:
ID-00582 & ID-00583



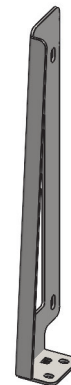
E-0038-S210
2M x 1M Mesh Panel
4 pcs.

Reference Documents:
ID-00582 & ID-00583



E-0038-0214
Mesh Panel/Header Brace **A**
4 pcs.

Reference Documents:
ID-00582 & ID-00583



E-0038-0215
Mesh Panel/Header Brace **B**
4 pcs.

TITLE:

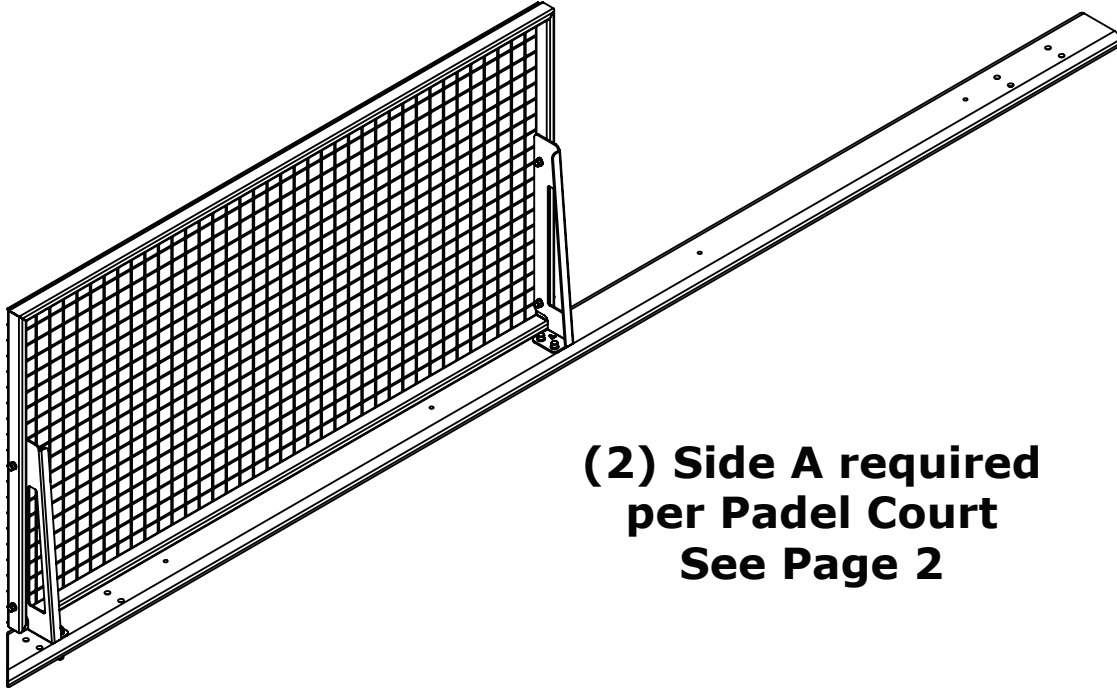
Upper Side Sill and Mesh
Wall Assembly

DWG NO:

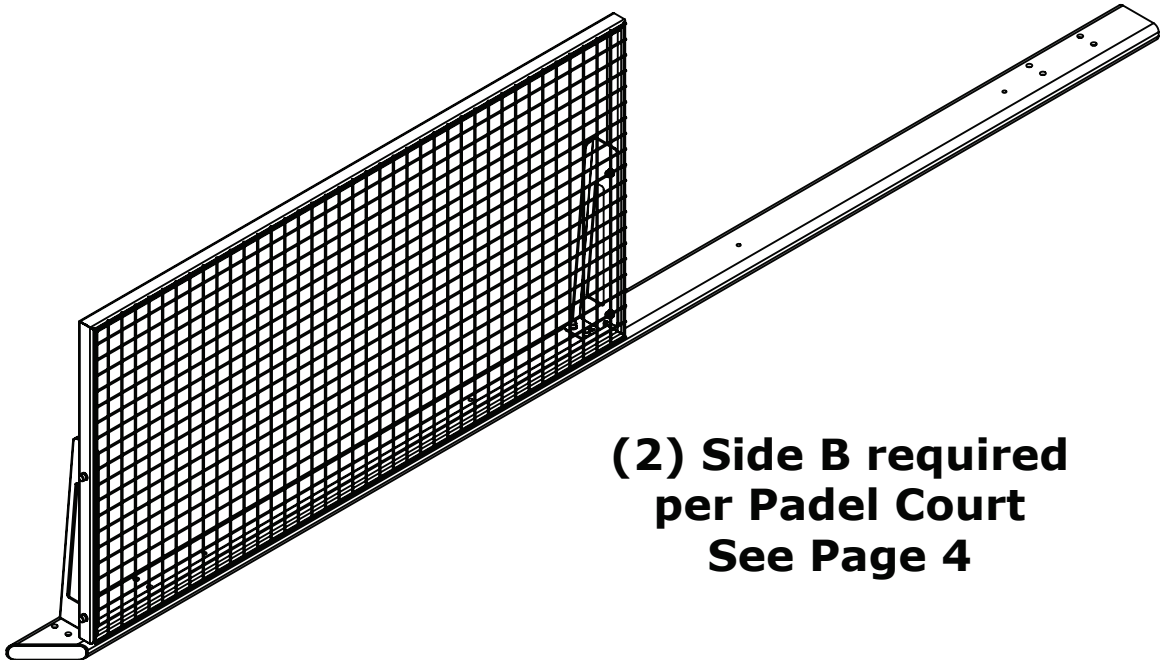
ID-00607

Step 1: Upper Side Sill and Mesh Wall Assembly

The PaDelhi Court System will require the assembly of a **Side A** and a **Side B** version of the Upper Side Sill and Mesh Wall Assembly.



**(2) Side A required
per Padel Court
See Page 2**



**(2) Side B required
per Padel Court
See Page 4**

TITLE: Upper Side Sill and Mesh
Wall Assembly

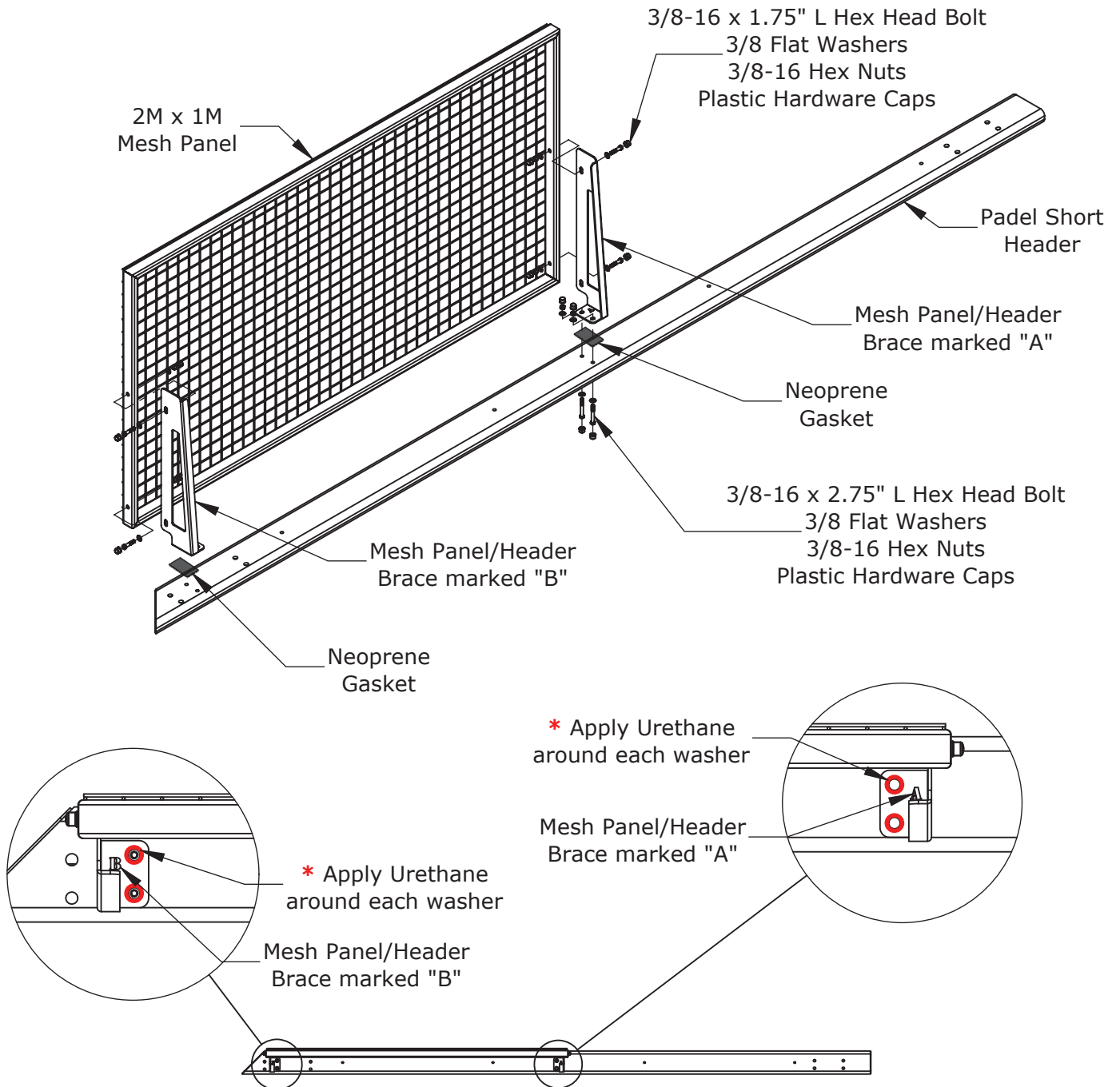
DWG NO:

ID-00582

SHEET 1 OF 4

Step 2: Upper Side Sill and Mesh Wall Assembly

Assemble a **Side A** version of a 2M x 1M Mesh Panel, Padel Mesh Panel/Header Brace marked "A" and Padel Mesh Panel/Header Brace marked "B" using hardware as shown. Prior to fastening hardware, adhere a 2" wide neoprene gasket over the 2 hole geometry on the Short Header/Brace interface. Duplicate procedure at every Short Header/Brace interface. Assemble the 2M x 1M Mesh Panel/Brace assembly onto Padel Short Header using hardware as shown. Mesh Panel/Header Braces are assembled inside the frame of the 2M x 1M Mesh Panel. Adjust fitment of all components prior to tightening hardware. Tighten all hardware. *Apply a small bead of Black Urethane around each flat washer. Assemble Plastic Hardware Caps.



Top View of Side A Upper Side Sill and Mesh Wall Assembly

TITLE: Upper Side Sill and Mesh Wall Assembly

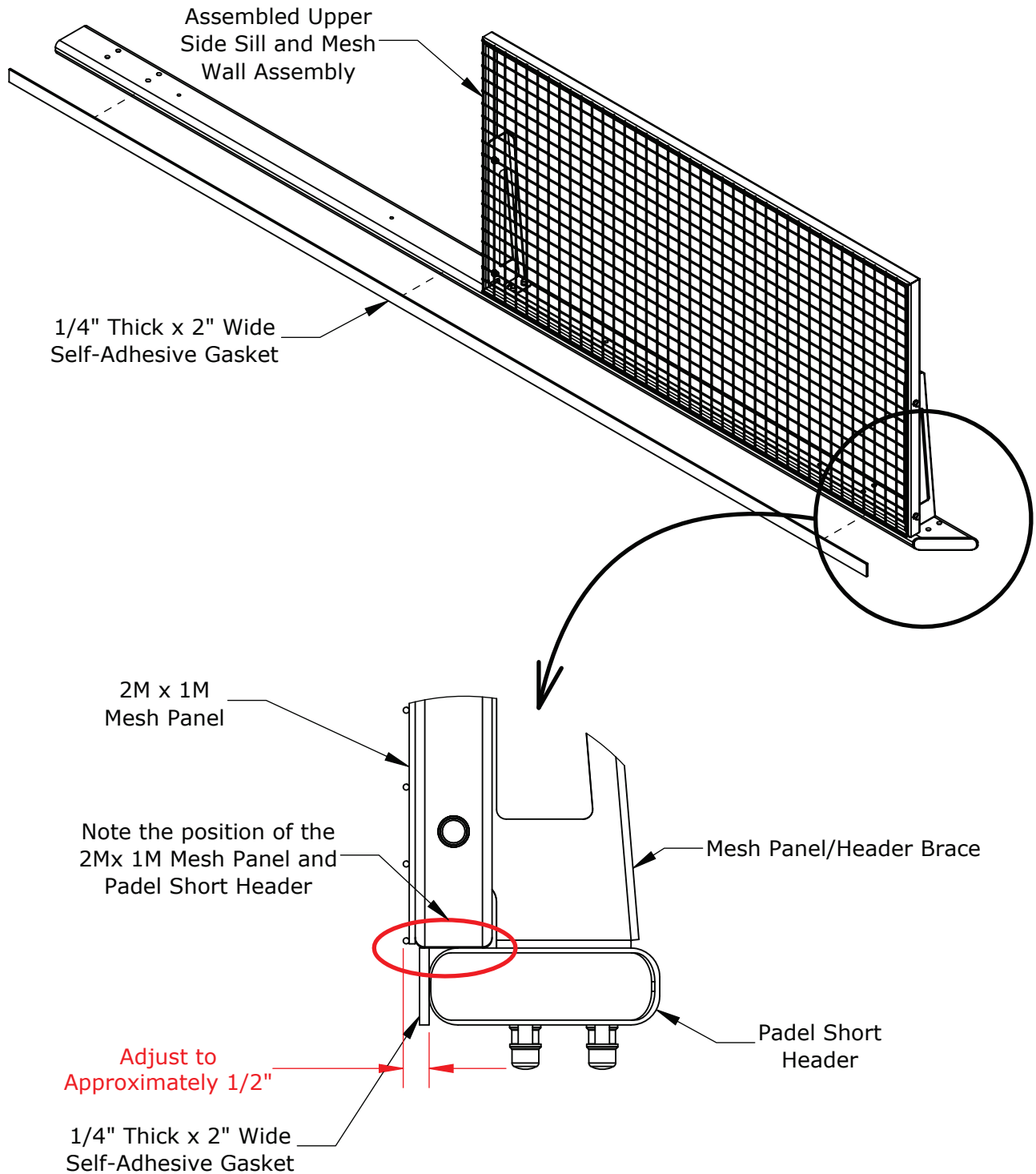
DWG NO:

ID-00582

SHEET 2 OF 4

Step 3: Apply Gasketing to Upper Side Sill and Mesh Wall Assembly

Apply the 1/4" Thick x 2" Wide Self-Adhesive Gasket onto surface as shown.



TITLE:

Upper Side Sill and Mesh Wall Assembly

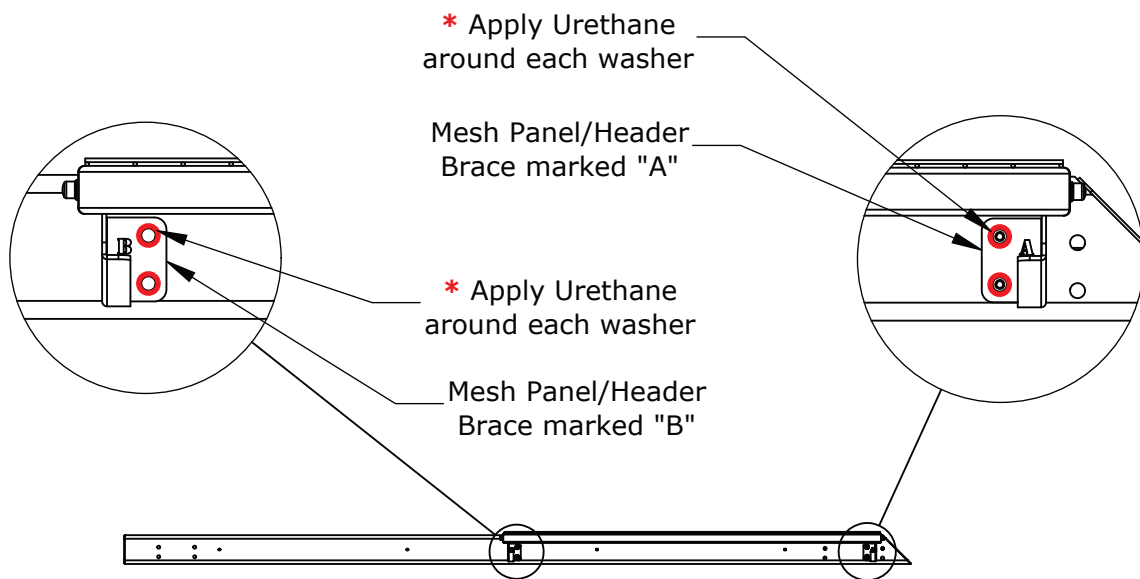
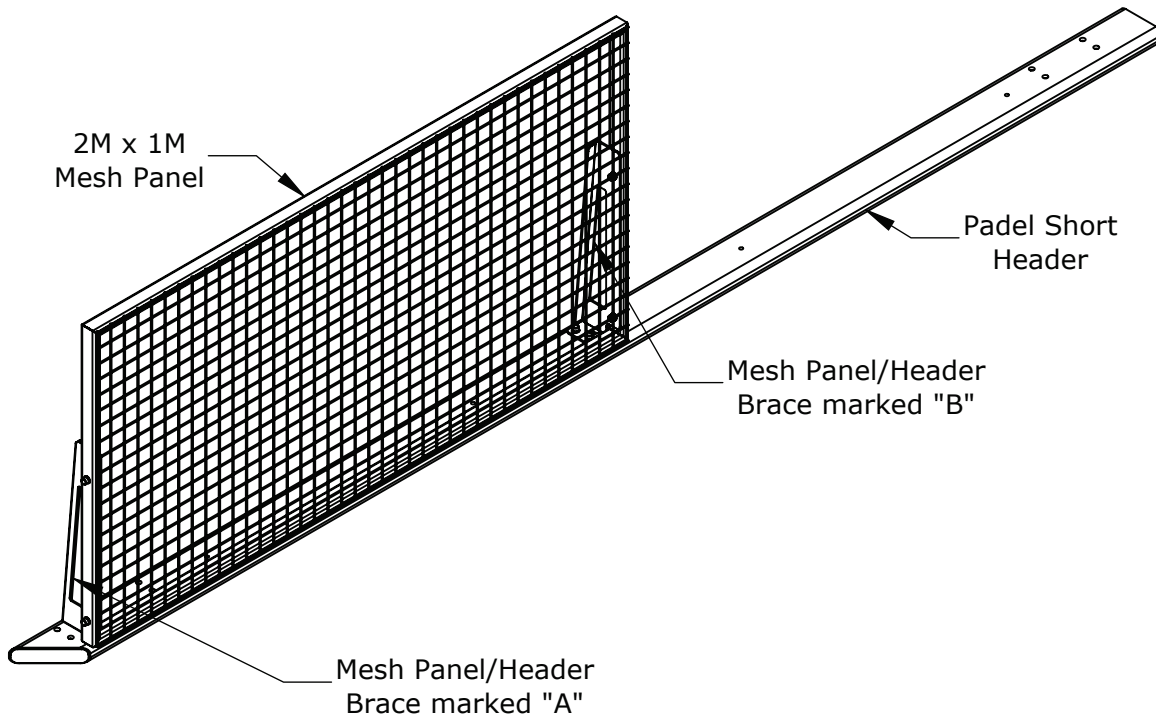
DWG NO:

ID-00582

SHEET 3 OF 4

Step 4: Upper Side Sill and Mesh Wall Assembly

Assemble a **Side B** version of a 2M x 1M Mesh Panel, Padel Mesh Panel/Header Brace marked "A" and Padel Mesh Panel/Header Brace marked "B". Note the locations of Padel Mesh Panel/Header Brace Marked "A" and Padel Mesh Panel/Header Brace marked "B" per image below. Duplicate all hardware assembly as outlined in procedural **Step 2** and **Step 3**.



Top View of Side B Upper Side Sill and Mesh Wall Assembly

TITLE: Upper Side Sill and Mesh Wall Assembly

DWG NO:

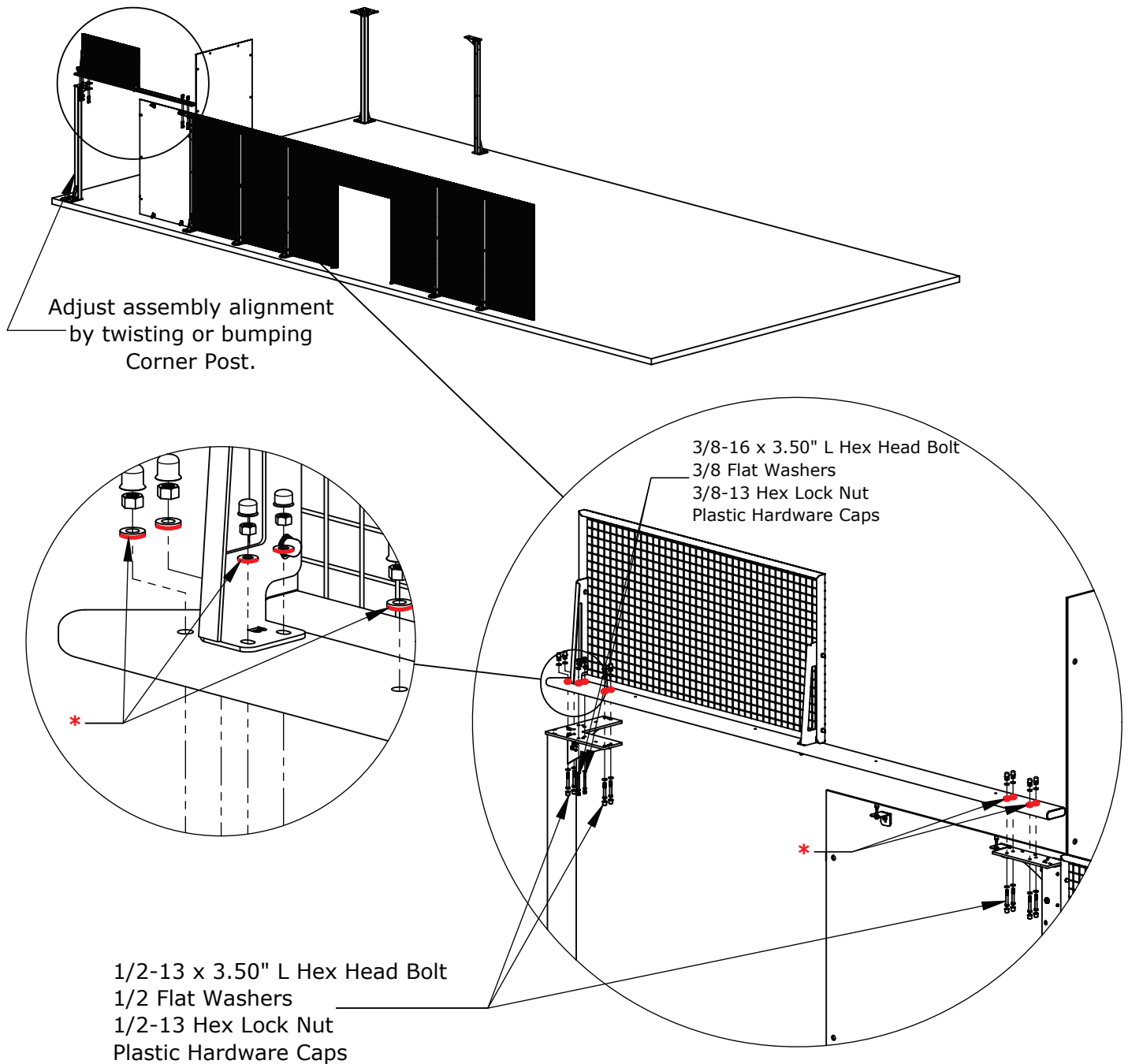
ID-00582

SHEET 4 OF 4

Step 1: Installing Upper Side Sill/Mesh Wall Side A Assembly

Lift the pre-assembled Upper Side Sill/Mesh Wall **Side A** Assembly as shown.

Note: there may be some slight required adjustments with the Padel Corner Post for better hole alignment. Tighten all Upper Side Sill/Mesh Wall Assembly hardware. * Apply a small bead of Black Urethane around the perimeter of all top side flat washers. Wipe excess Black Urethane. Install all Plastic Hardware Caps.



Step 2: Installing Upper Side Sill/Mesh Wall Side B Assembly

Duplicate procedural assembly step for the Upper Side Sill/Mesh Wall **Side B** Assembly.

TITLE:

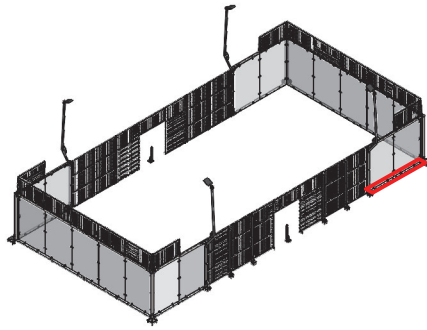
Upper Side Sill/Mesh
Wall/Court Assembly

DWG NO:

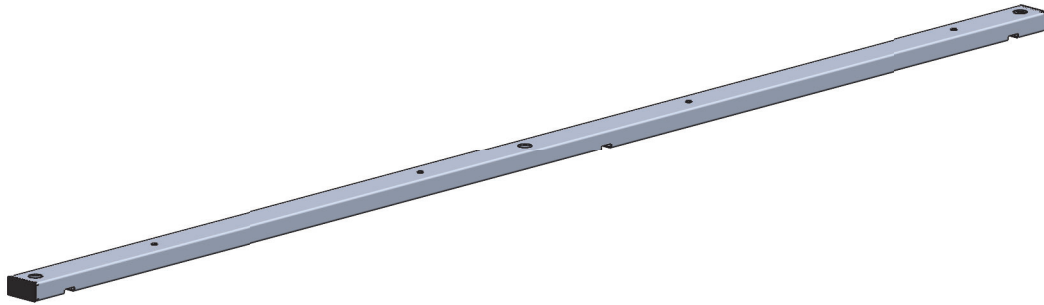
ID-00583

SHEET 1 OF 1

Lower Side Sill Court Assembly



Reference Documents:
ID-00587



E-0038-S208
Padel Short Sill
4 pcs.

TITLE:

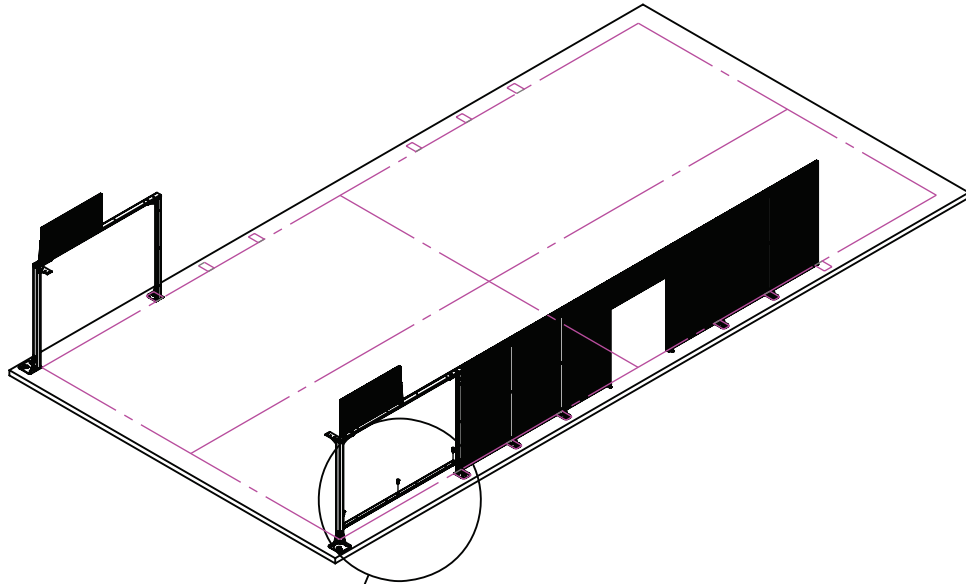
Lower Side Sill Court
Assembly

DWG NO:

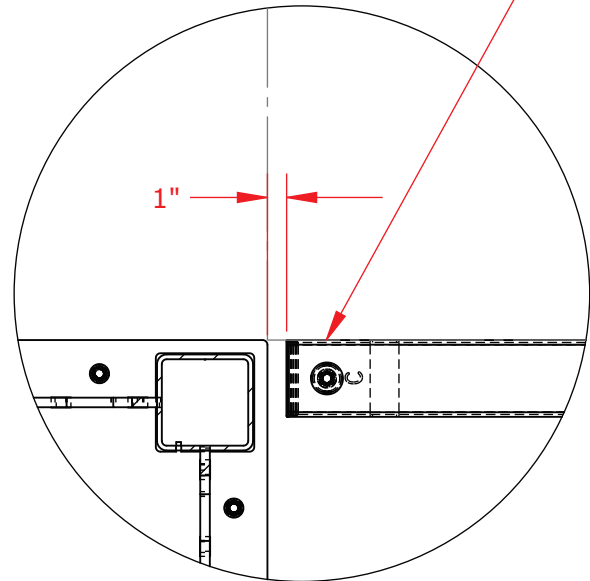
ID-00607

Step 1: Installing the Lower Side Sills

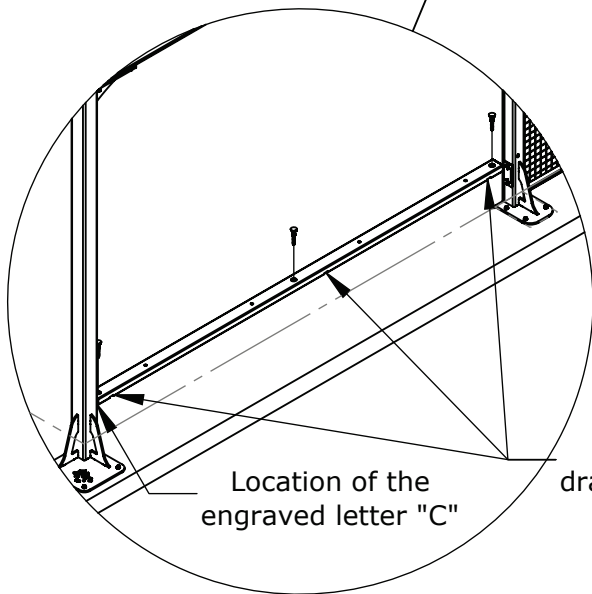
Align the Lower Side Sill tube wall with the court markings/strings as shown per image below. Position the Lower Side Sill tube with the engraved letter "C" facing the corner of the court and the notches cut into the tubes positioned onto the court.



**Align Lower Side Sill Wall
with court markings/string**



1"



Location of the
engraved letter "C"

Location of
drainage notches

TITLE:

Lower Side Sill Court Assembly

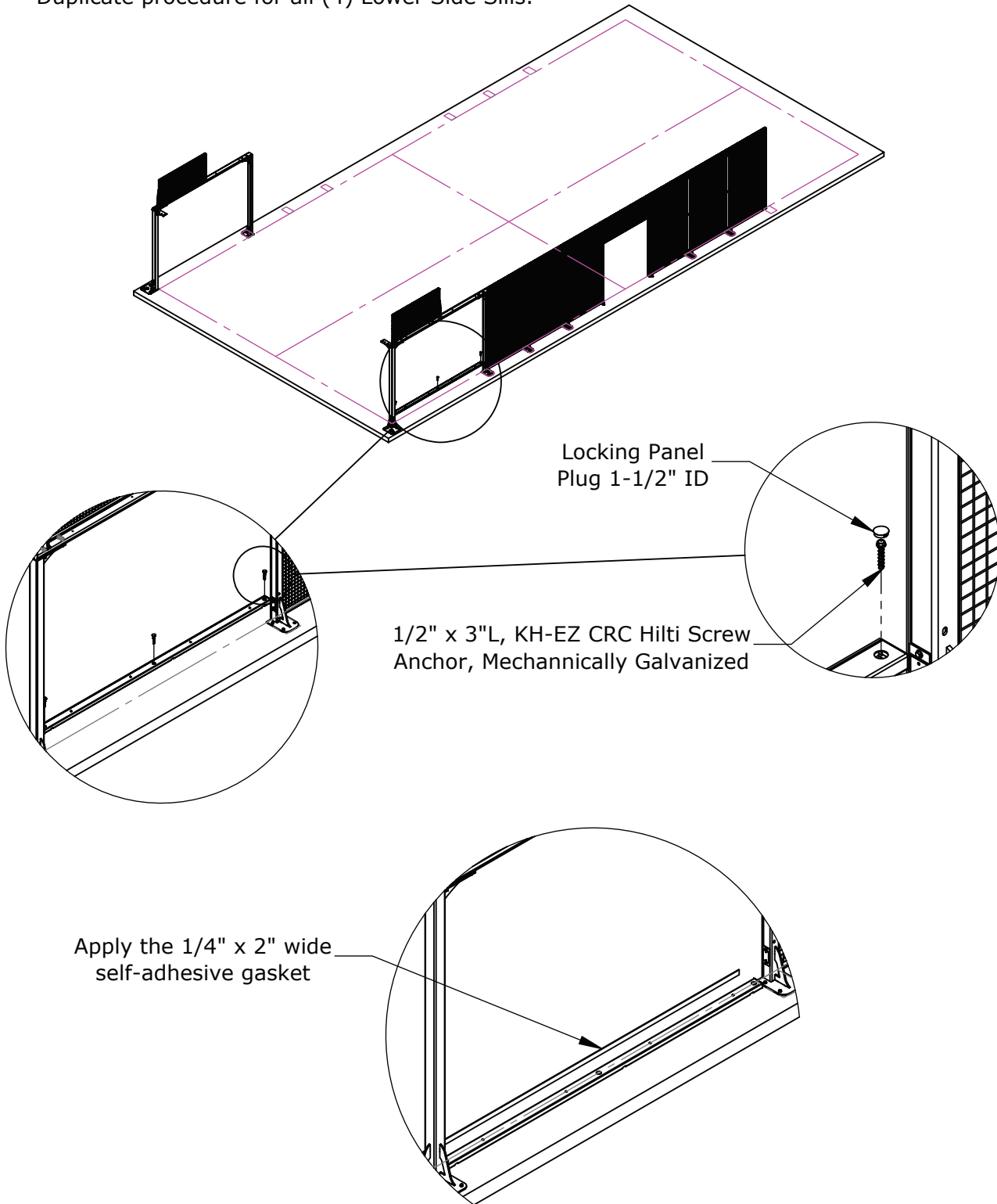
DWG NO:

ID-00587

SHEET 1 OF 2

Step 2: Installing the Lower Side Sills

Mark the (3) hole locations from the sill onto the court. Using a 1/2" masonry drill, drill into the concrete at the depth of 3". Use a shop vacuum to remove debris from within the holes. Fasten Side Sill onto court using hardware as shown. Apply the 1/4" x 2" wide self-adhesive gasket onto the vertical side of the Lower Side Sill tube facing towards the center of the court. Duplicate procedure for all (4) Lower Side Sills.



TITLE:

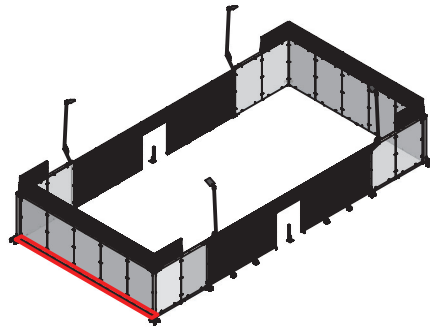
Lower Side Sill Court Assembly

DWG NO:

ID-00587

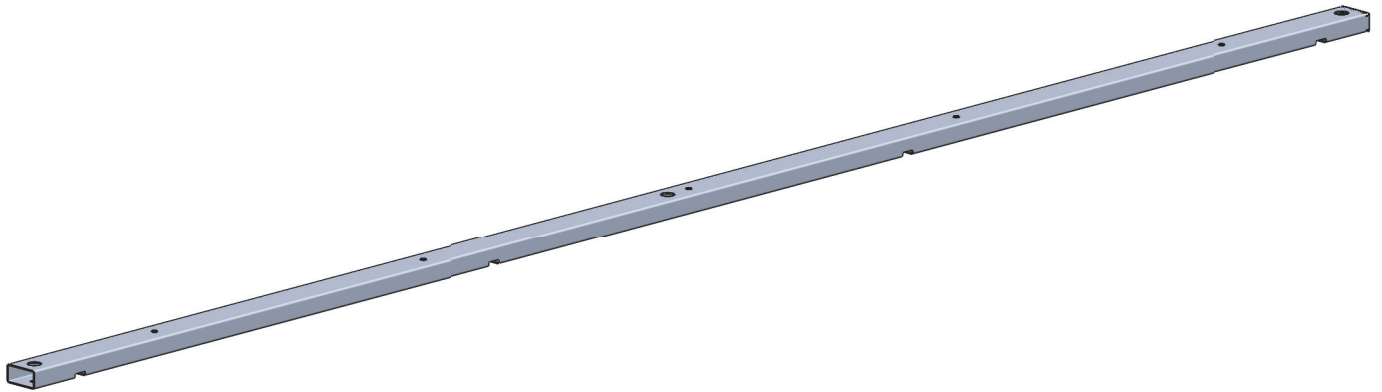
SHEET 2 OF 2

Lower End Sill Court Assembly



Reference Documents:

ID-00588



E-0038-S209
Padel Long Sill
4 pcs.

TITLE:

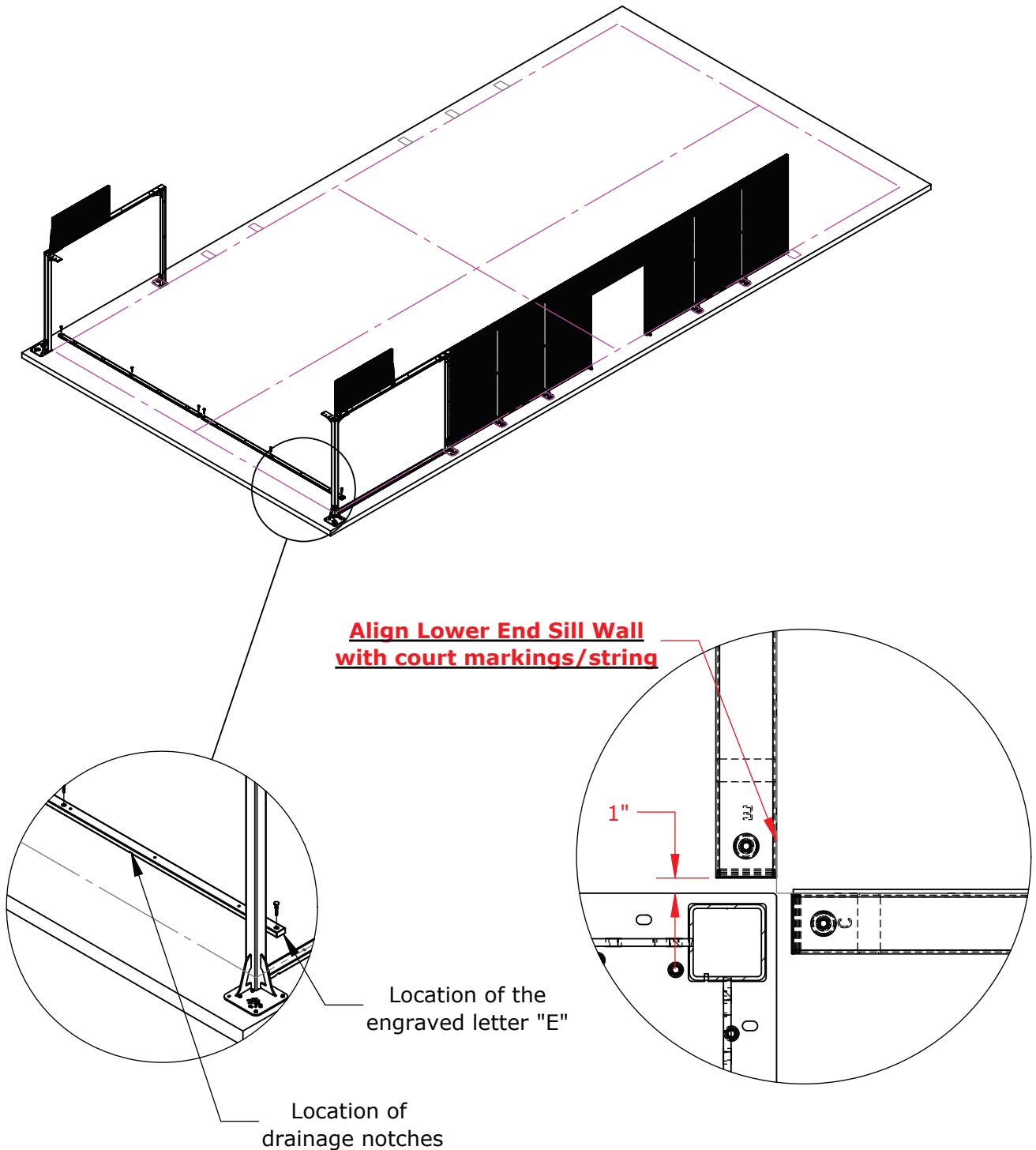
Lower End Sill Court
Assembly

DWG NO:

ID-00607

Step 1: Installing the Lower End Sills

Align the Lower End Sill tube wall with the court markings/strings as shown per image below. Position the Lower End Sill tube with the engraved letter "E" facing the corner of the court and the notches cut into the tubes positioned onto the court.



TITLE:

Lower End Sill Court Assembly

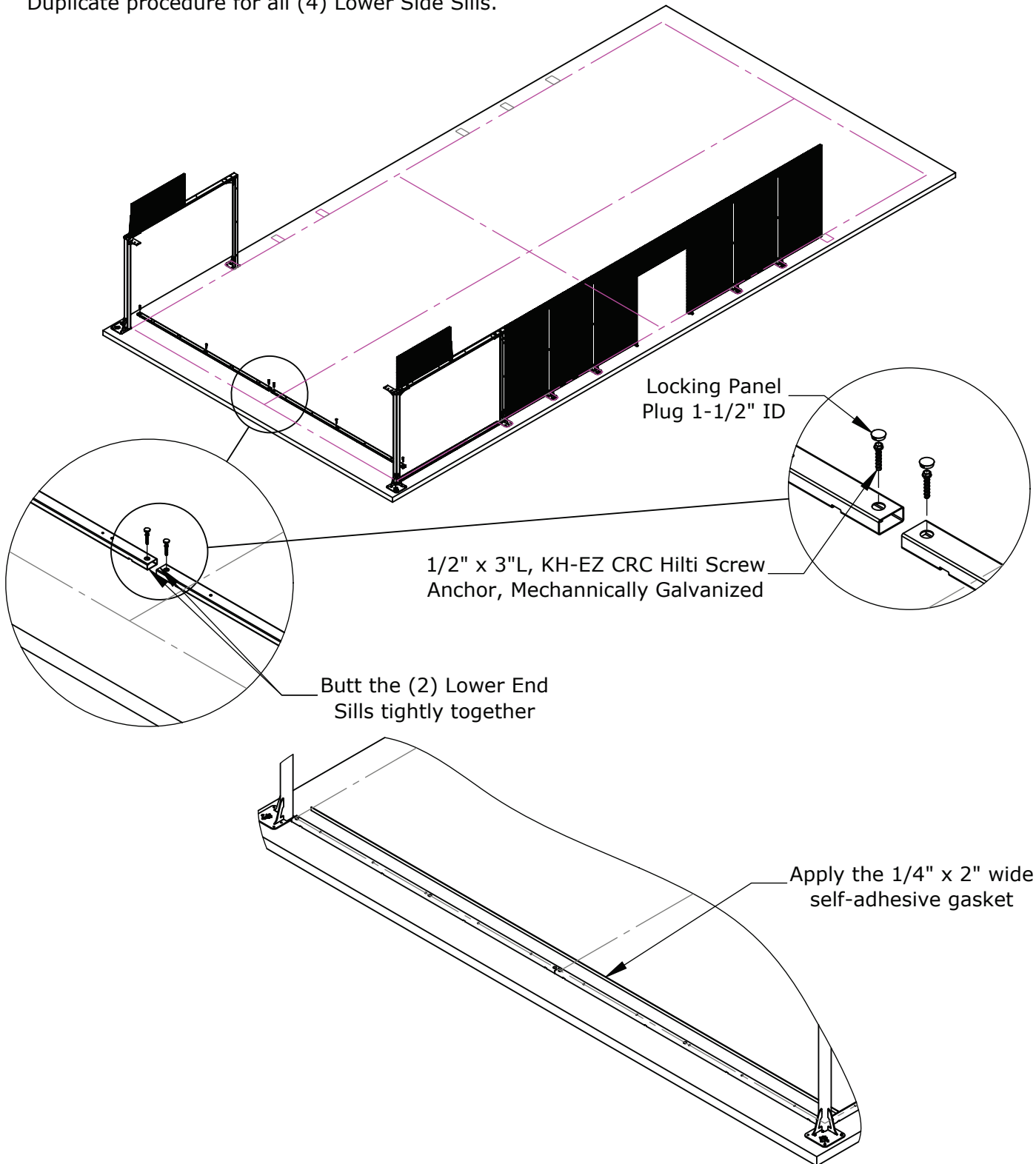
DWG NO:

ID-00588

SHEET 1 OF 2

Step 2: Installing the Lower End Sills

Mark the (6) hole locations from the sill onto the court. Using a 1/2" masonry drill, drill into the concrete at the depth of 3". Use a shop vacuum to remove debris from within the holes. Fasten the (2) End Sills onto court using hardware as shown. Apply the 1/4" x 2" wide self-adhesive gasket onto the vertical side of the Lower End Sill tube facing towards the center of the court. Duplicate procedure for all (4) Lower Side Sills.



TITLE:

Lower End Sill Court Assembly

DWG NO:

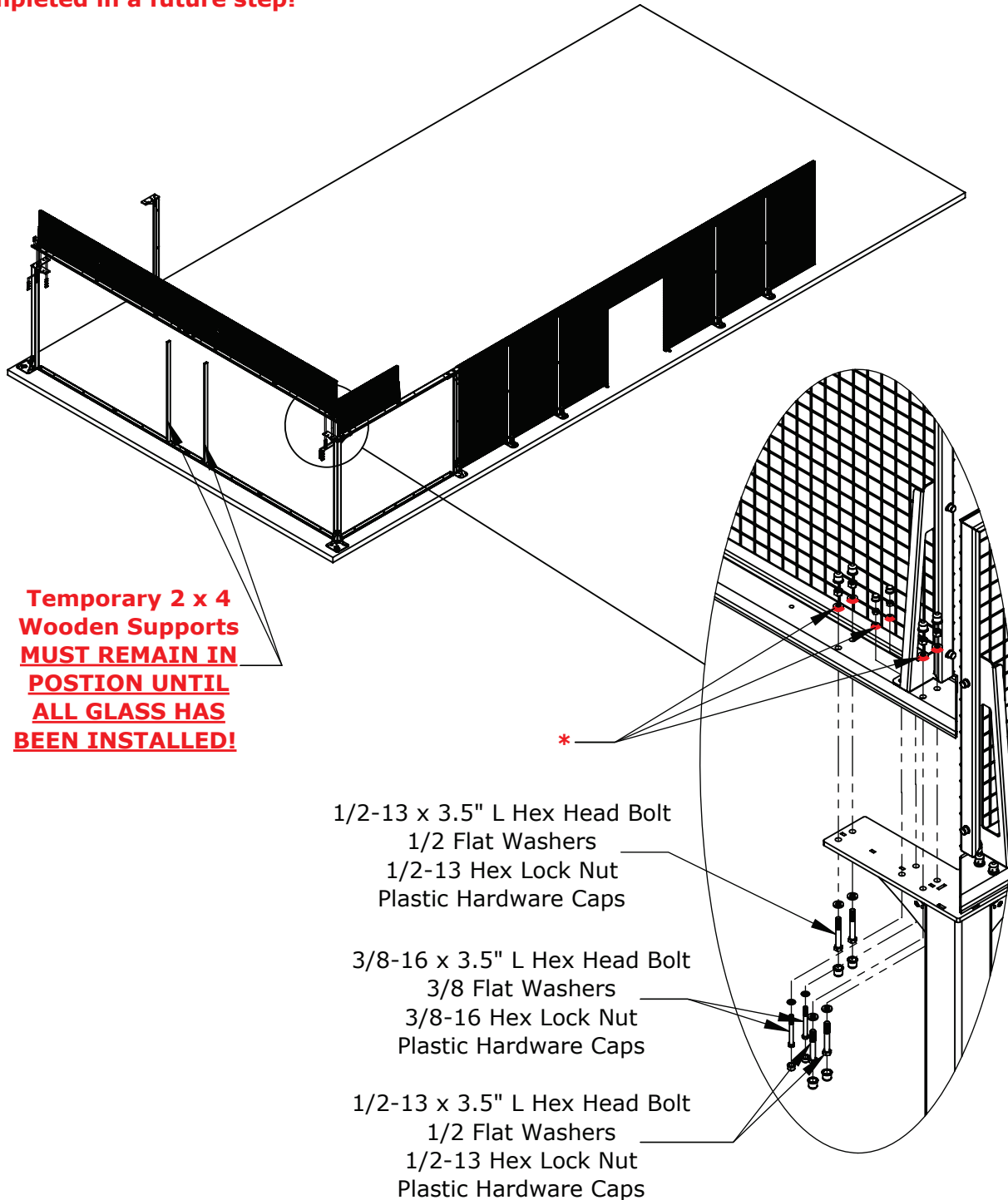
ID-00588

SHEET 2 OF 2

Step 1: Installing the Upper End Sill/Mesh Wall Assembly

Assemble the Upper End Sill/Mesh Wall Assembly by lifting the assembled component onto the Padel Corner Posts. Note: there may be some slight required adjustments with the Padel Corner Post for better hole alignment. Tighten all Upper End Sill/Mesh Wall Assembly hardware. * Apply a small bead of Black Urethane around the perimeter of all top side flat washers. Wipe excess Black Urethane. Install all Plastic Hardware Caps. Position the (3) Temporary 2 x 4 studs to support the Upper End Sill/Mesh Wall Assembly.

Do not remove the Temporary 2 x 4 studs until Glass Installation procedure has been completed in a future step!



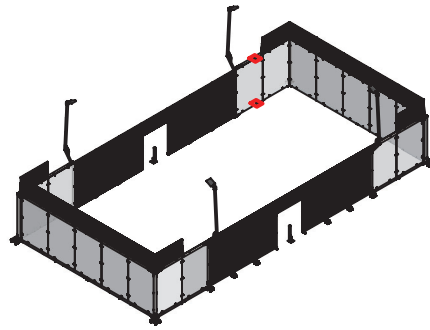
TITLE: Upper End Sill/Mesh Wall
Court Assembly

DWG NO:

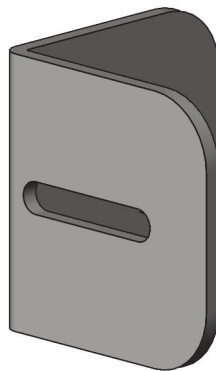
ID-00589

SHEET 1 OF 1

Upper and Lower Glass Sill Angle Brackets

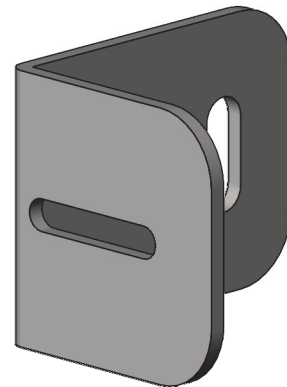


Reference Documents:
ID-00592



E-0038-0213
Padel Glass/Sill Bracket
36 pcs.

Reference Documents:
ID-00592



E-0038-0210
Padel Glass/Header Bracket
36 pcs.

TITLE:

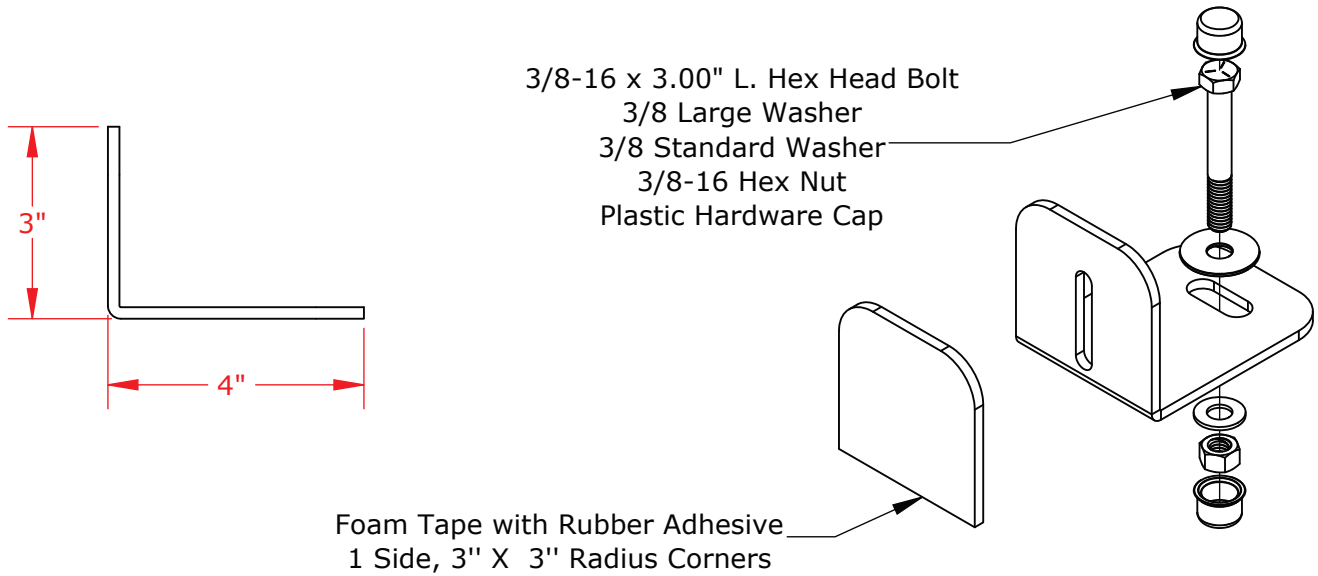
Upper and Lower Glass
Sill Angle Brackets

DWG NO:

ID-00607

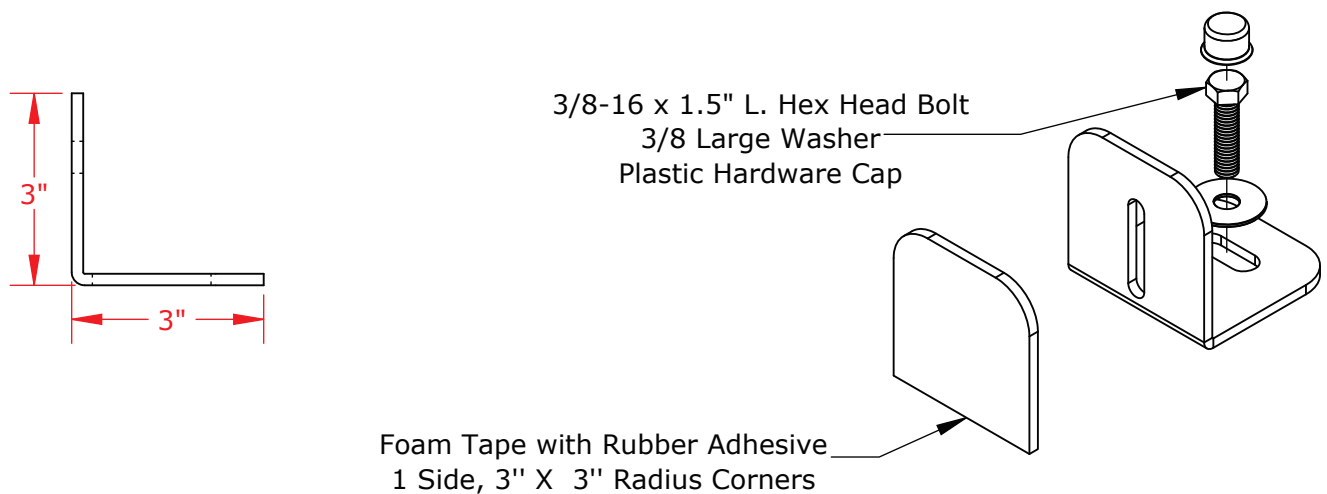
Step 1: Prepare Upper Sill Glass Angle Bracket

The Upper Sill Glass Angle Bracket can be identified by the dimensions as shown. Prepare the Upper Sill Glass Angle Bracket by applying the Foam Tape with Rubber Adhesive 1 Side, 3" X 3" Radius Corners onto Upper Sill Glass Angle Bracket as shown in the image. Loosely assemble hardware onto bracket as shown. Do not apply Plastic Hardware Caps until future assembly.



Step 2: Prepare Lower Sill Glass Angle Bracket

The Lower Sill Glass Angle Bracket can be identified by the dimensions as shown. Prepare the Lower Sill Glass Angle Bracket by applying the Foam Tape with Rubber Adhesive 1 Side, 3" X 3" Radius Corners onto Lower Sill Glass Angle Bracket as shown in the image. Loosely assemble hardware onto bracket as shown. Do not apply Plastic Hardware Caps until future assembly.



TITLE:

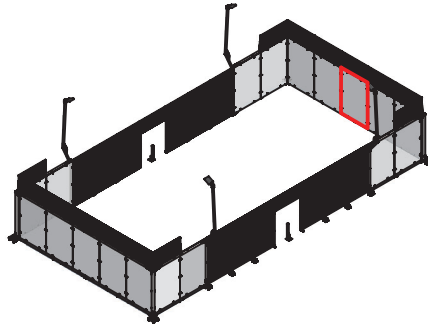
Upright and Lower Glass Sill Angle
Brackets, PaDehli Panoramic Padel V2

DWG NO:

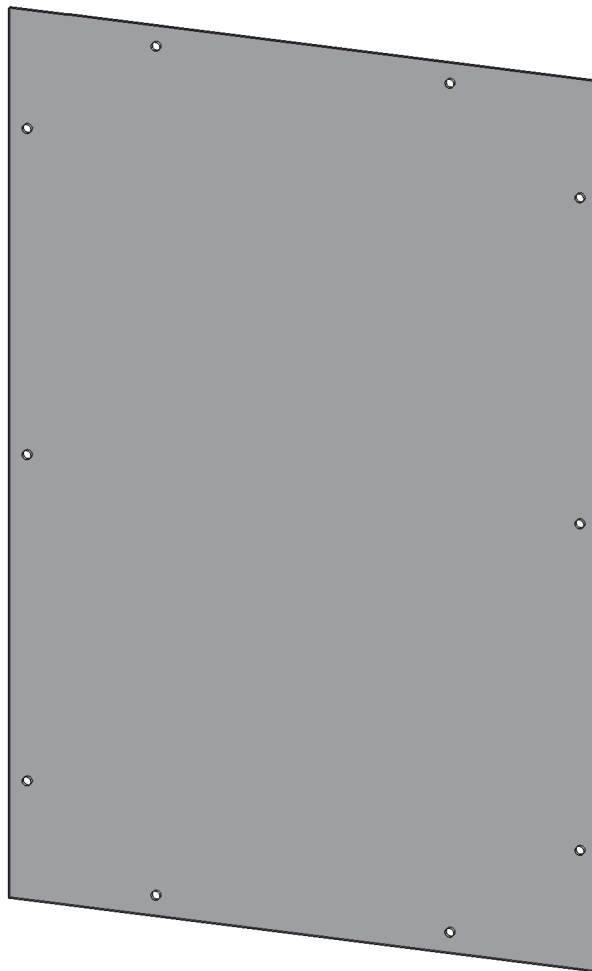
ID-00592

SHEET 1 OF 1

Side and End Glass Installation



Reference Documents:
ID-00593 & ID-00594



Purchp-1420
Padel Clear Tempered Glass
with Polished Edge
18 pcs.

TITLE:

Side and End Glass
Installation

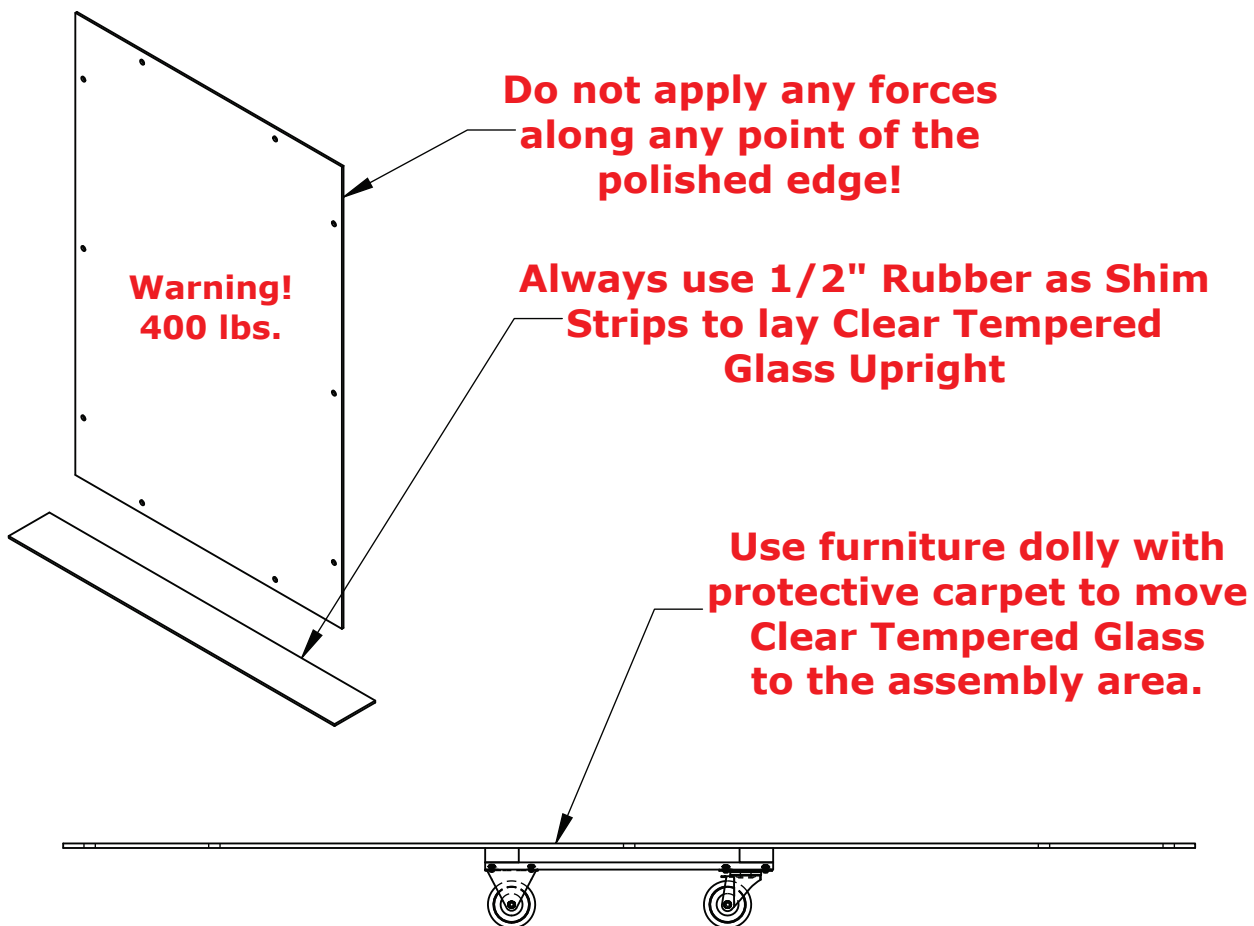
DWG NO:

ID-00607

Step 1: Clear Tempered Glass Moving and Handling

The following are recommended procedures for the moving and handling of the Clear Tempered Glass:

1. The Clear Tempered Glass is 400 lbs. Use a two or three man crew to move, install and adjust the glass. It is recommended to use the proper Tempered Glass tools to move, install and adjust the glass such as a Glass Suction Cup tool that is rated for 500 lbs.
2. Use a furniture dolly that has either a carpeted layer over top of the wood or use sand bags to place the Clear Tempered Glass horizontally for movement from one location to another.
3. As with any Tempered Glass product, **do not apply** any sharp forces onto the polished edges such as a hammer, sharp tools, concrete floors or other Tempered Glass edges. This will cause the Clear Tempered Glass to self-destruct and lead to spontaneous breakage or self-explosion. Verify every moving step has safety measures to prevent any forces applied to the polished edges are minimized by either using shims, verifying rubber spacers are in position and no contact with hard objects.
4. Use manufacturer's supplied hardware to mount Clear Tempered Glass onto Padel Court structure. Do not substitute hardware of any kind.



TITLE:

Glass Installation Warnings, PaDehli
Panoramic Padel V2 Court System

DWG NO:

ID-00593

SHEET 1 OF 1

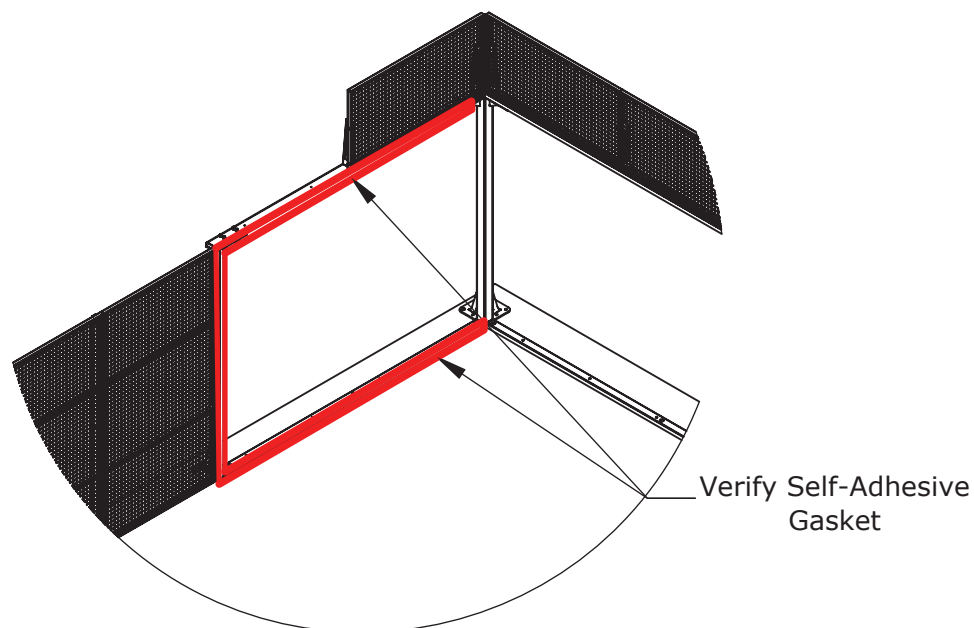


WARNING!

THE FOLLOWING ASSEMBLY STEPS REQUIRE MULTIPLE PEOPLE TO MOVE THE DELICATE AND HEAVY TEMPERED GLASS WEIGHING 400 LBS. DO NOT ALLOW ANY HARD SURFACES, HARD OBJECTS OR ALLOW TWO TEMPERED GLASS EDGES COME INTO CONTACT WITH ANY PART OF THE POLISHED EDGES AS THIS FORCE CAN SPONTANEOUSLY SELF-DESTRUCT THE TEMPERED GLASS. USE FORCE ABSORBING MATERIALS SUCH AS THE SUPPLIED SHIMS, RUBBER PIECES, CARDBOARD, ETC. TO PROTECT THE INDIVIDUAL TEMPERED GLASS AND PROTECT EACH TEMPERED GLASS FROM ONE ANOTHER. USE TOOLS AND MACHINERY DIRECTLY SPECIFIED TO BE USED FOR TEMPERED GLASS.

Step 1: Verify Self-Adhesive Gasketing

Verify that the Self-Adhesive Gasketing that was installed from previous steps have been applied. Check for any bubbles, wrinkles, or any visible defects and correct prior to installing the Clear Tempered Glass.



TITLE:
Side and End Glass Installation, PaDehli
Panoramic Padel V2 Court System

DWG NO:

ID-00594

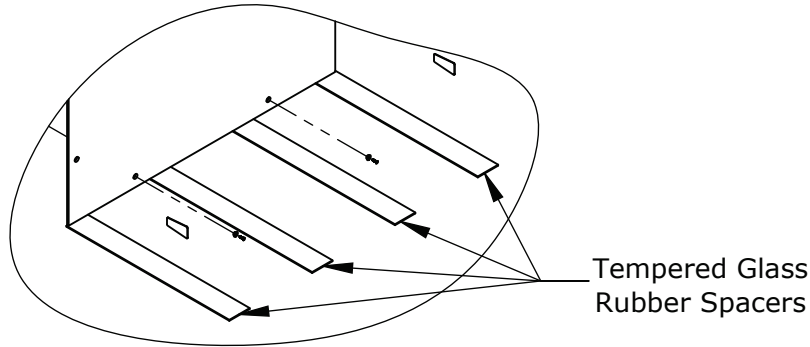
SHEET 1 OF 5

Step 1: Position the Tempered Glass

Position the Tempered Glass directly in front of the assembly area. Duplicate this step for every Tempered Glass locations.

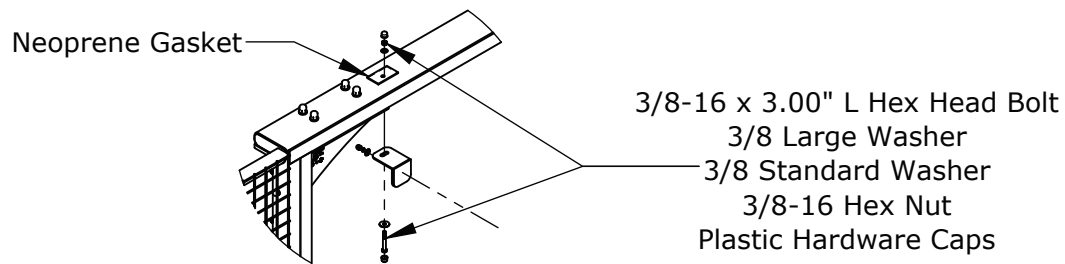
Step 2: Tempered Glass Rubber Spacers

For each Tempered Glass pane, position (4) Tempered Glass Rubber Spacers on the court surface with (2) aligned along the edges of the Tempered Glass edges and (2) visually centered as shown.



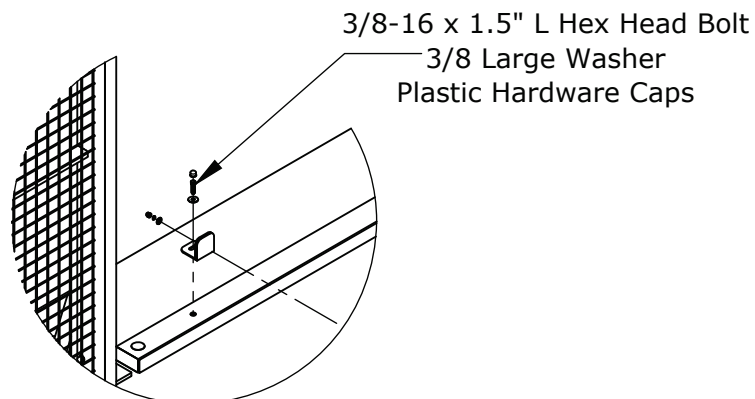
Step 3: Upper Sill Glass Angle Brackets

For each pane of Tempered Glass, loosely install two Upper Sill Glass Angle Brackets using hardware as shown in the image. Prior to installing hardware, place a 2" x 2" square of Neoprene Gasket on the top side of the sill. Punch bolt thru gasket and complete hardware assembly. Duplicate this step for every Tempered Glass locations.



Step 4: Lower Sill Glass Angle Brackets

For each pane of Tempered Glass, loosely install two Lower Sill Glass Angle Brackets using hardware as shown in the image. Duplicate this step for every Tempered Glass locations.



TITLE:
Side and End Glass Installation, PaDehli
Panoramic Padel V2 Court System

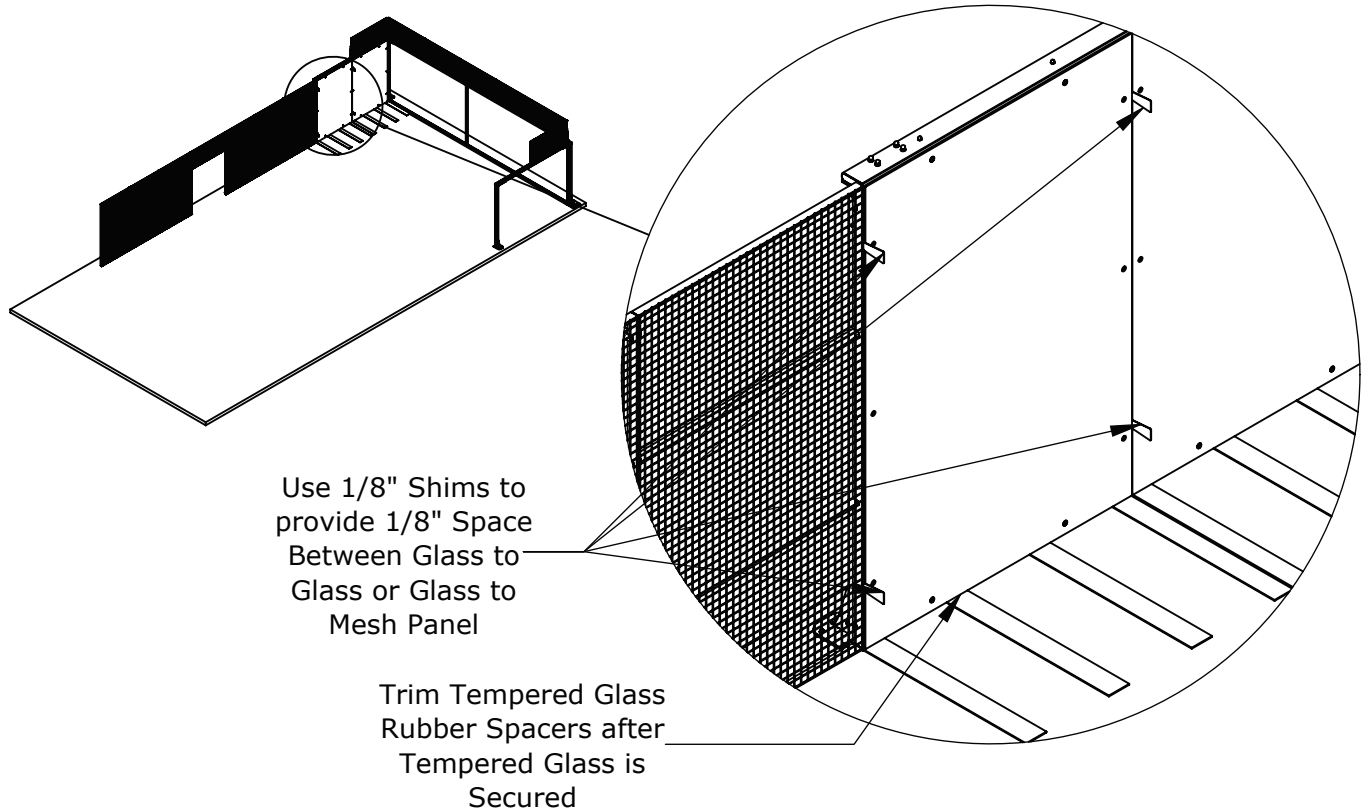
DWG NO:

ID-00594

SHEET 2 OF 5

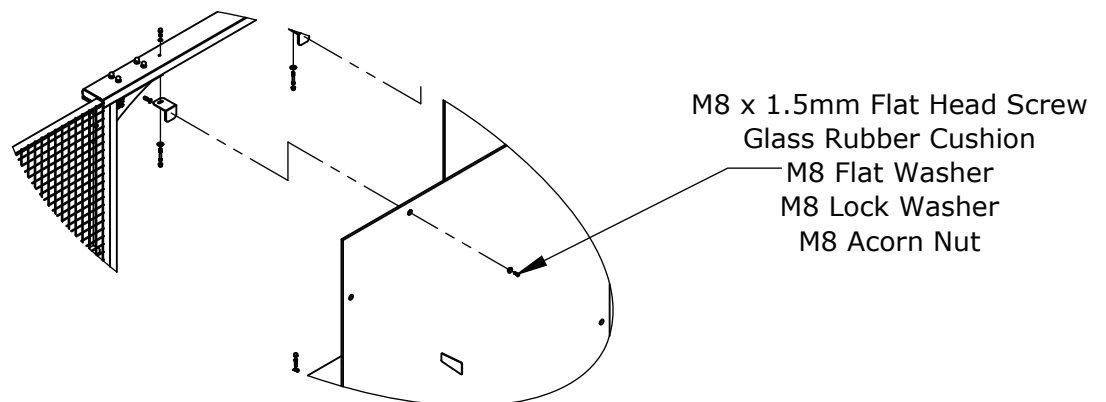
Step 5: Installing the Tempered Glass

With the Tempered Glass Rubber Spacers securely in position on the court and up against the Lower Sill, position the Tempered Glass vertically onto the Rubber Spacers. With assistants to help position the glass up against the structure and additional assistants positioning plastic shims against the polished edges, position the first glass so the left edge of the Tempered Glass is a shim width from the metal mesh material of the Mesh Panels. Duplicate this step for every Tempered Glass locations.



Step 6: Fastening the Tempered Glass

Once the Tempered Glass is in its final position, fasten the Tempered Glass onto the structure using hardware as shown. Tighten Tempered Glass hardware, Upper Sill Glass Angle Bracket and Lower Sill Glass Angle Bracket. Using a sharp knife, trim excess Tempered Glass Rubber Spacers flush with Glass surface and retain the cut pieces for the next glass pane. Duplicate this step for every Tempered Glass locations.



TITLE:
Side and End Glass Installation, PaDehli
Panoramic Padel V2 Court System

DWG NO:

ID-00594

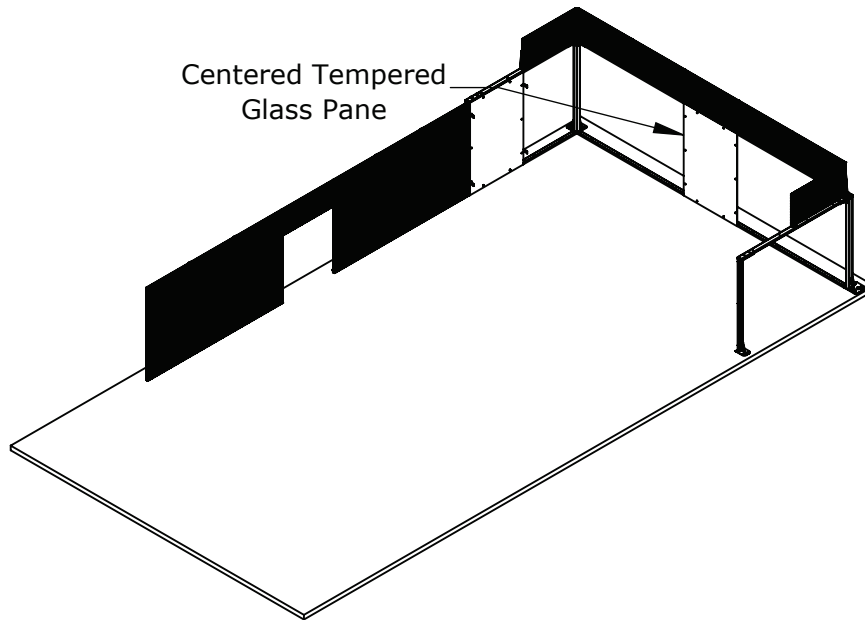
SHEET 3 OF 5

Step 7: Installing the Tempered Glass for the End Wall

Prior to installing the End Wall Tempered Glass, see previous steps outlining the inspection of the self-adhesive gasketing, installation of Tempered Glass Rubber Padding, Upper and Lower Glass Angle Brackets and associated hardware.

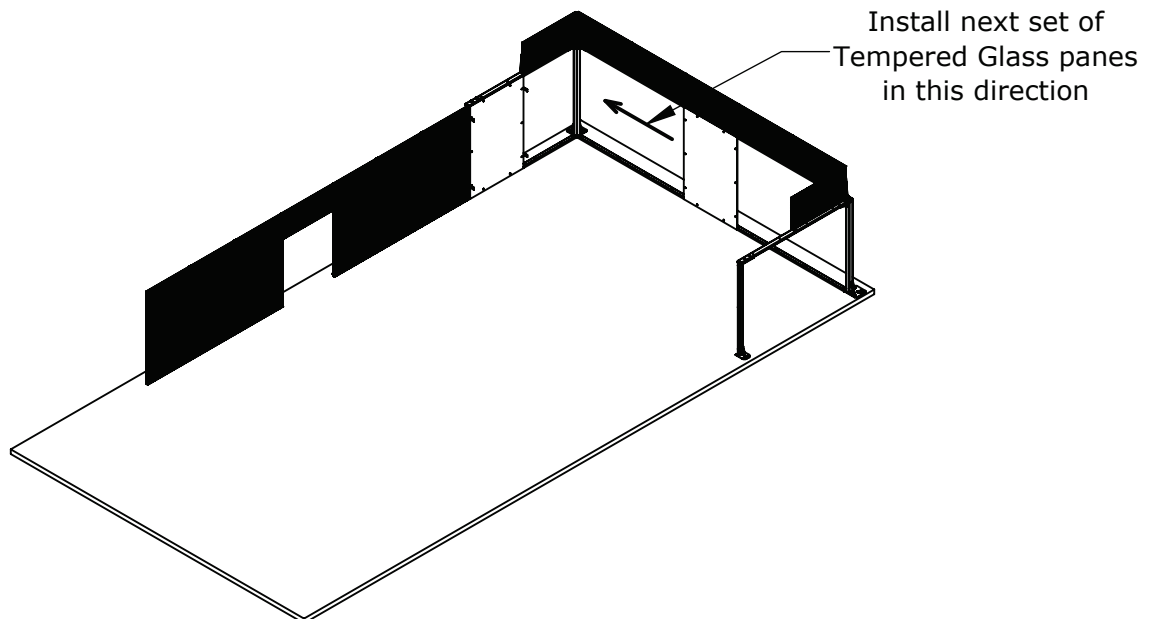
Step 8: Installing the Tempered Glass for the End Wall

Position the Tempered Glass for the Rear wall on the centerline of the structure. Follow all installations steps as outline in the previous steps. Secure this Tempered Glass pane in position.



Step 9: Installing the Tempered Glass for the End Wall

Install the next set of Tempered Glass panes in the direction towards the corner as shown below.



TITLE:
Side and End Glass Installation, PaDehli
Panoramic Padel V2 Court System

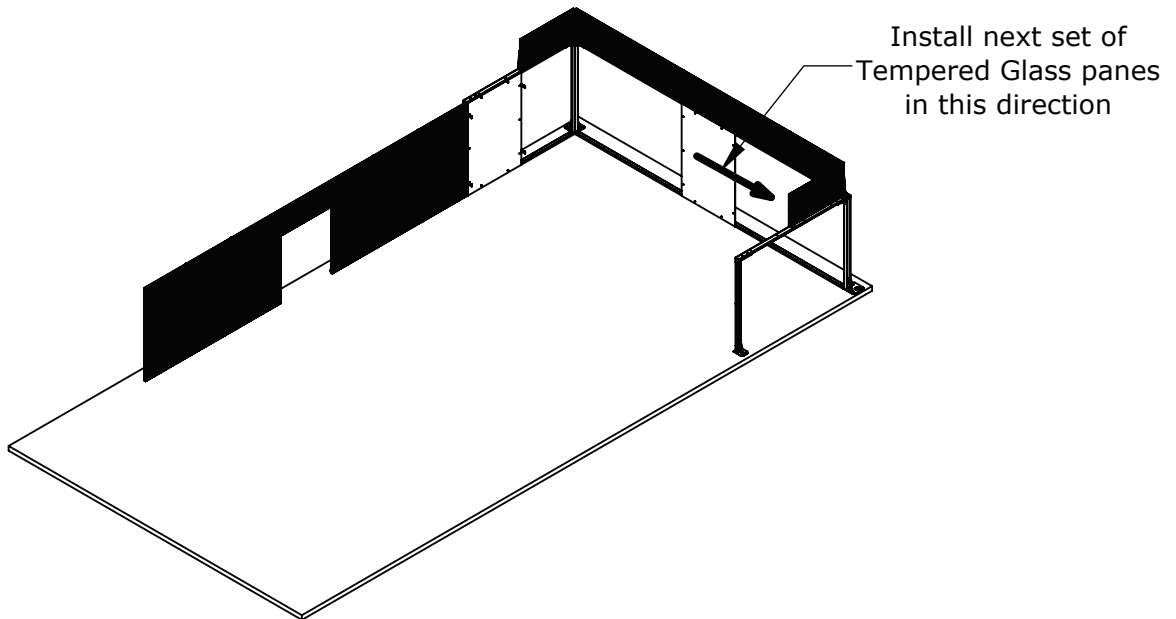
DWG NO:

ID-00594

SHEET 4 OF 5

Step 10: Installing the Tempered Glass for the End Wall

Install the next set of Tempered Glass panes in the direction towards the corner as shown below.



Step 11: Installing the Tempered Glass for the End Wall

Install the Tempered Glass on the opposing side wall as outlined in Step 5.

Step 12: Adjusting Tempered Glass Panes

Adjust any Tempered Glass pane spacing. Once adjustments are completed, verify all hardware has been tightend and all Plastic Hardware caps have been installed.

Step 13: Remove the Template Glass Studs

Remove the Tempered Glass Studs.

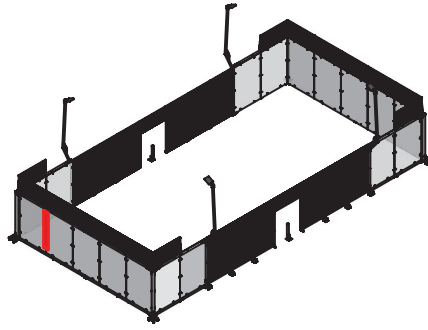
TITLE:
Side and End Glass Installation, PaDehli
Panoramic Padel V2 Court System

DWG NO:

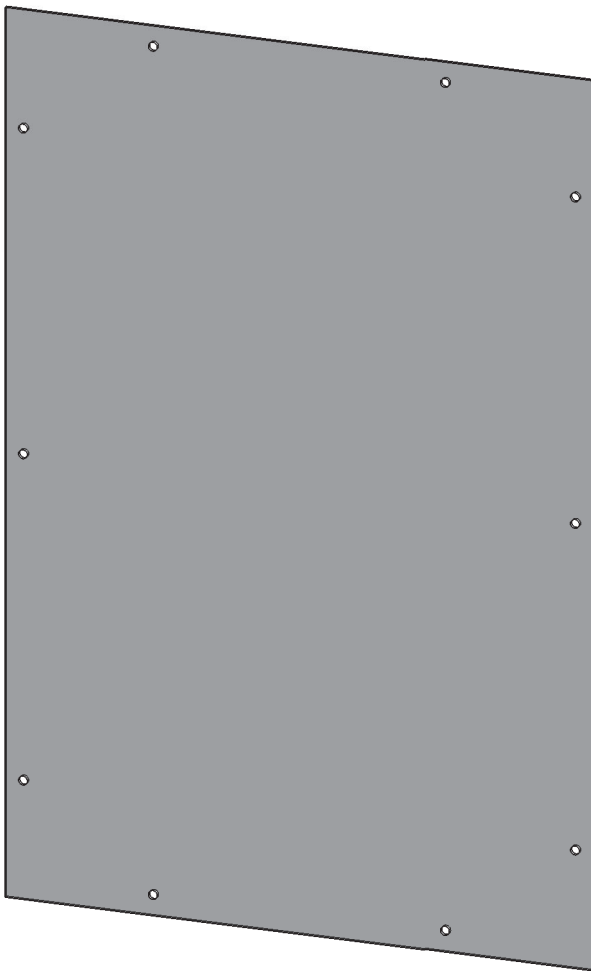
ID-00594

SHEET 5 OF 5

Glass to Glass Installation

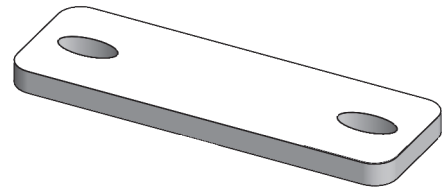


Reference Documents:
ID-00595



Purchp-1420
Padel Clear Tempered Glass
with Polished Edge
18 pcs.

Reference Documents:
ID-00595



Purchp-1891
Padel Adjustable Polycarbonate
Glass Plate
36 pcs.

TITLE:

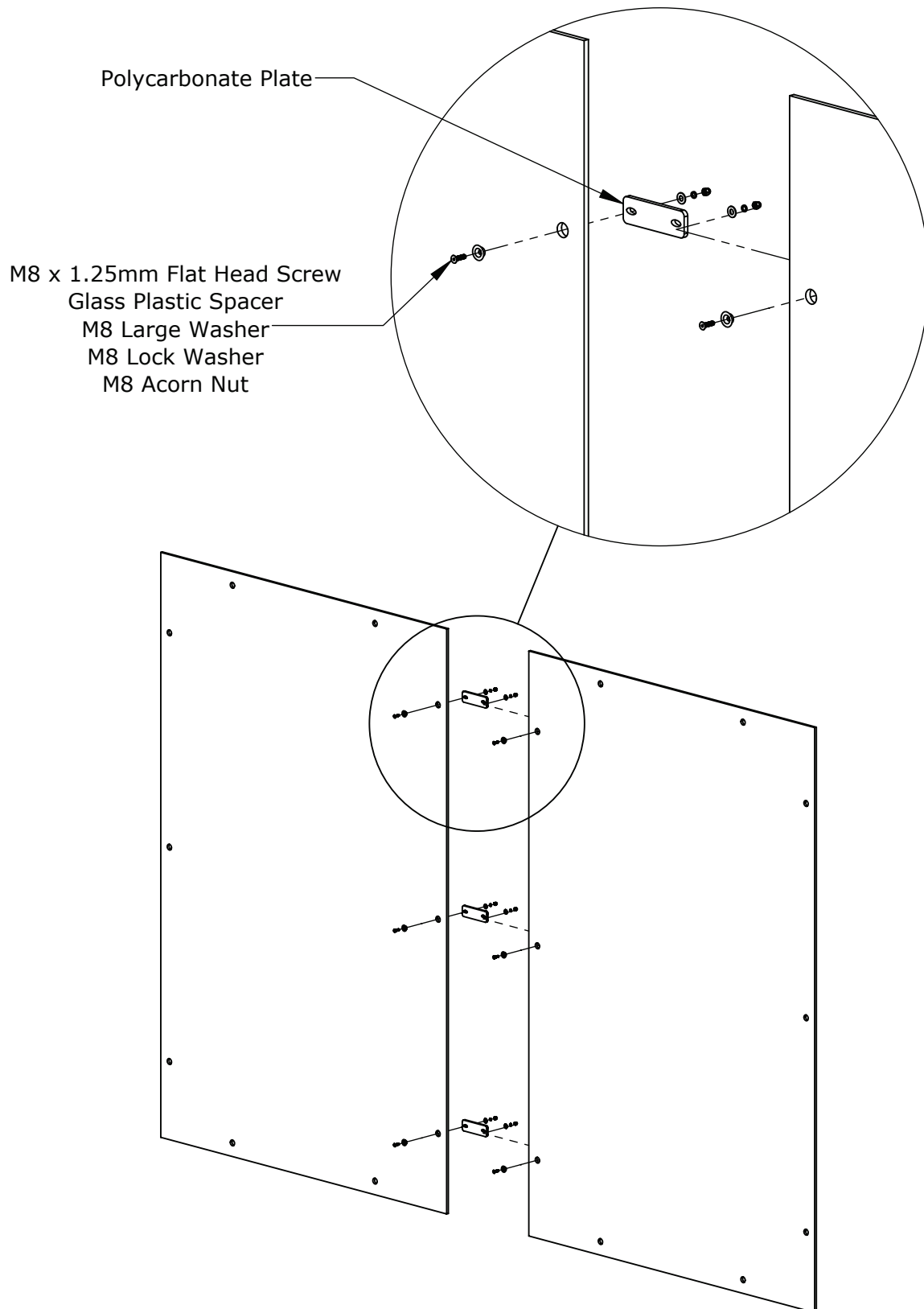
Glass to Glass
Installation

DWG NO:

ID-00607

Step 1: Tempered Glass to Tempered Assembly

After all Tempered Glass Panels have been adjusted to their final positions, install the Polycarbonate Glass Plates using the hardware as shown. Duplicate assembly procedure for all Polycarbonate Plate locations.



TITLE:

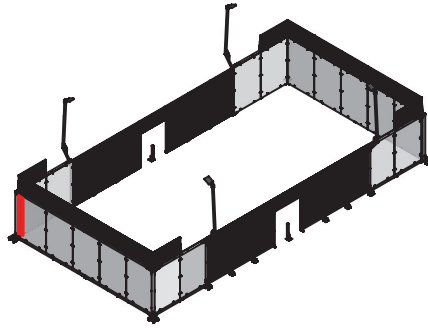
Glass to Glass Installation, PaDehli
Panoramic Padel V2 Court System

DWG NO:

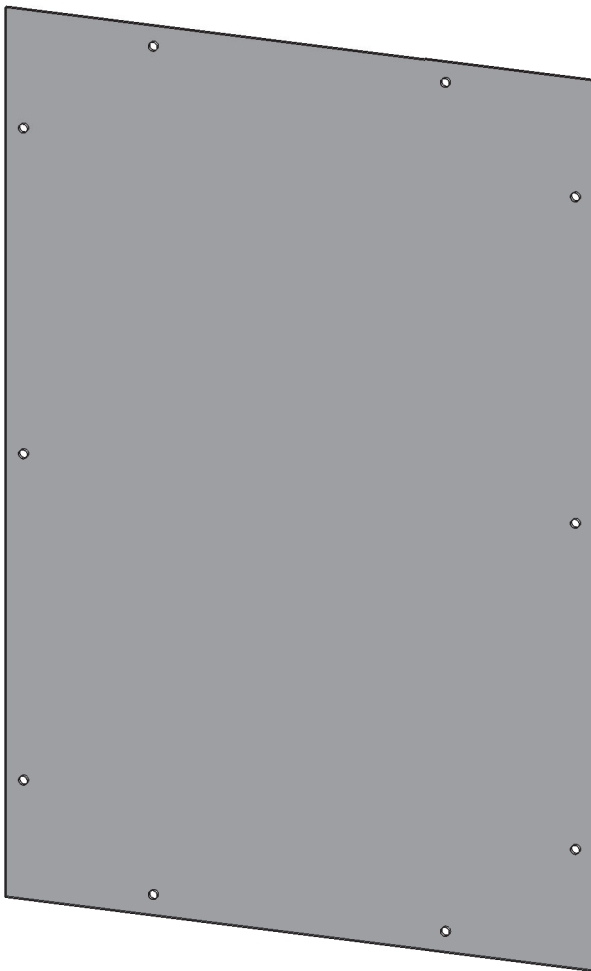
ID-00595

SHEET 1 OF 1

Corner Glass to Corner Glass Installation

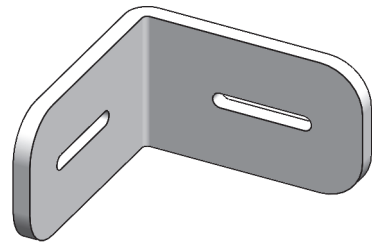


Reference Documents:
ID-00596



Purchp-1420
Padel Clear Tempered Glass
with Polished Edge
18 pcs.

Reference Documents:
ID-00596



Purchp-1892
Padel Corner Polycarbonate
Glass Plate
12 pcs.

TITLE:

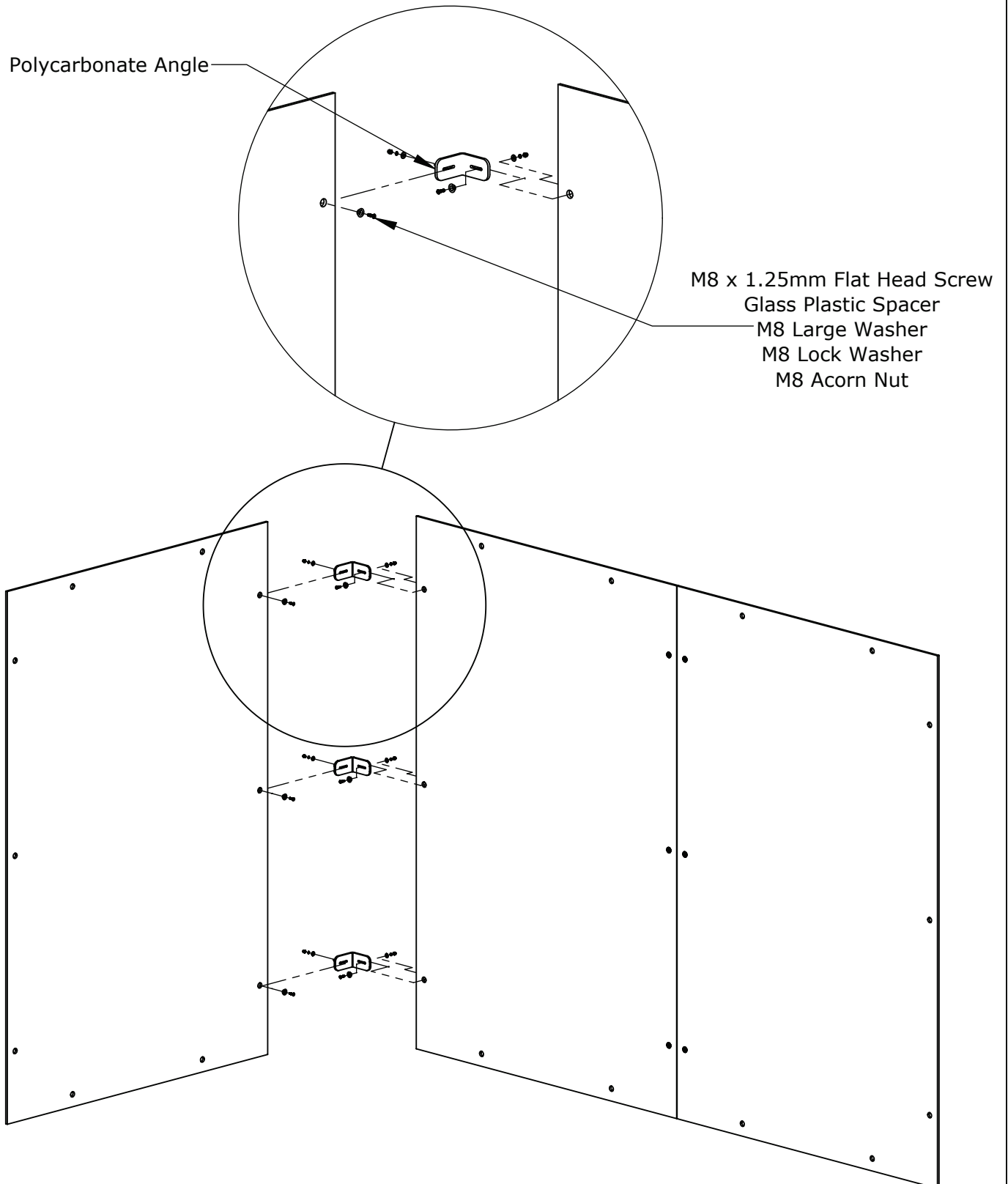
Corner Glass to Corner
Glass Installation

DWG NO:

ID-00607

Step 1: Tempered Corner Glass to Tempered Corner Glass Assembly

After all Tempered Glass Panels have been adjusted to their final positions, install the Polycarbonate Glass Angles using the hardware as shown. Duplicate assembly procedure for all Polycarbonate Glass Angle locations.



TITLE:

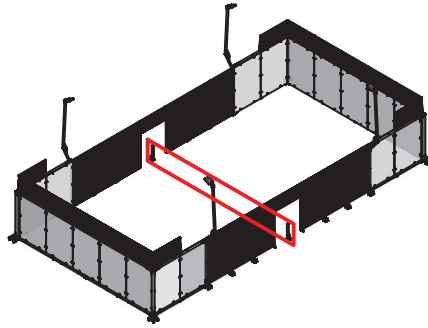
Corner Glass to Corner Glass Installation,
PaDehli Panoramic Padel V2 Court System

DWG NO:

ID-00596

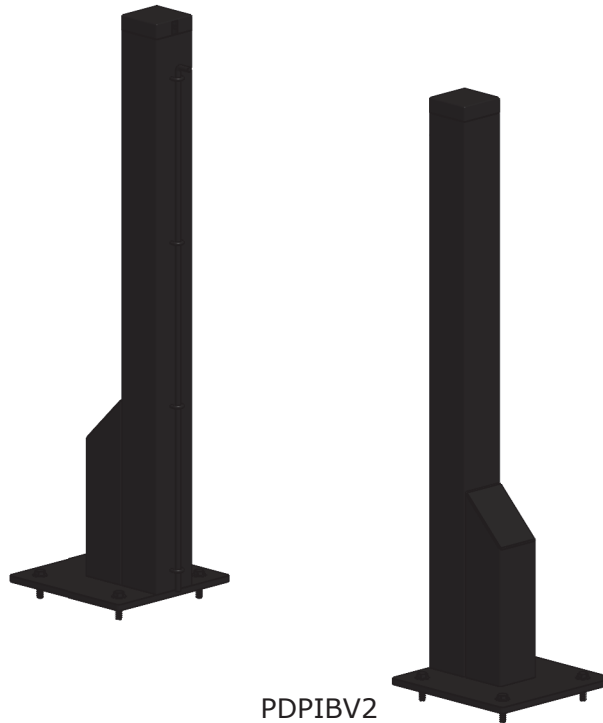
SHEET 1 OF 1

Padel/Pickleball 80x80 Internal Winch Net Posts



Reference Documents:

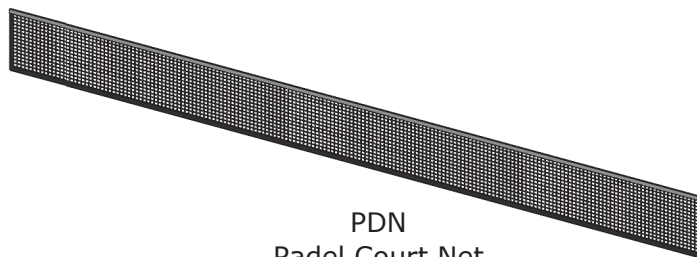
ID-00590



PDPIBV2
Padel/Pickleball Net Posts
1 set

Reference Documents:

Not Shown



PDN
Padel Court Net
1 pcs.

TITLE:

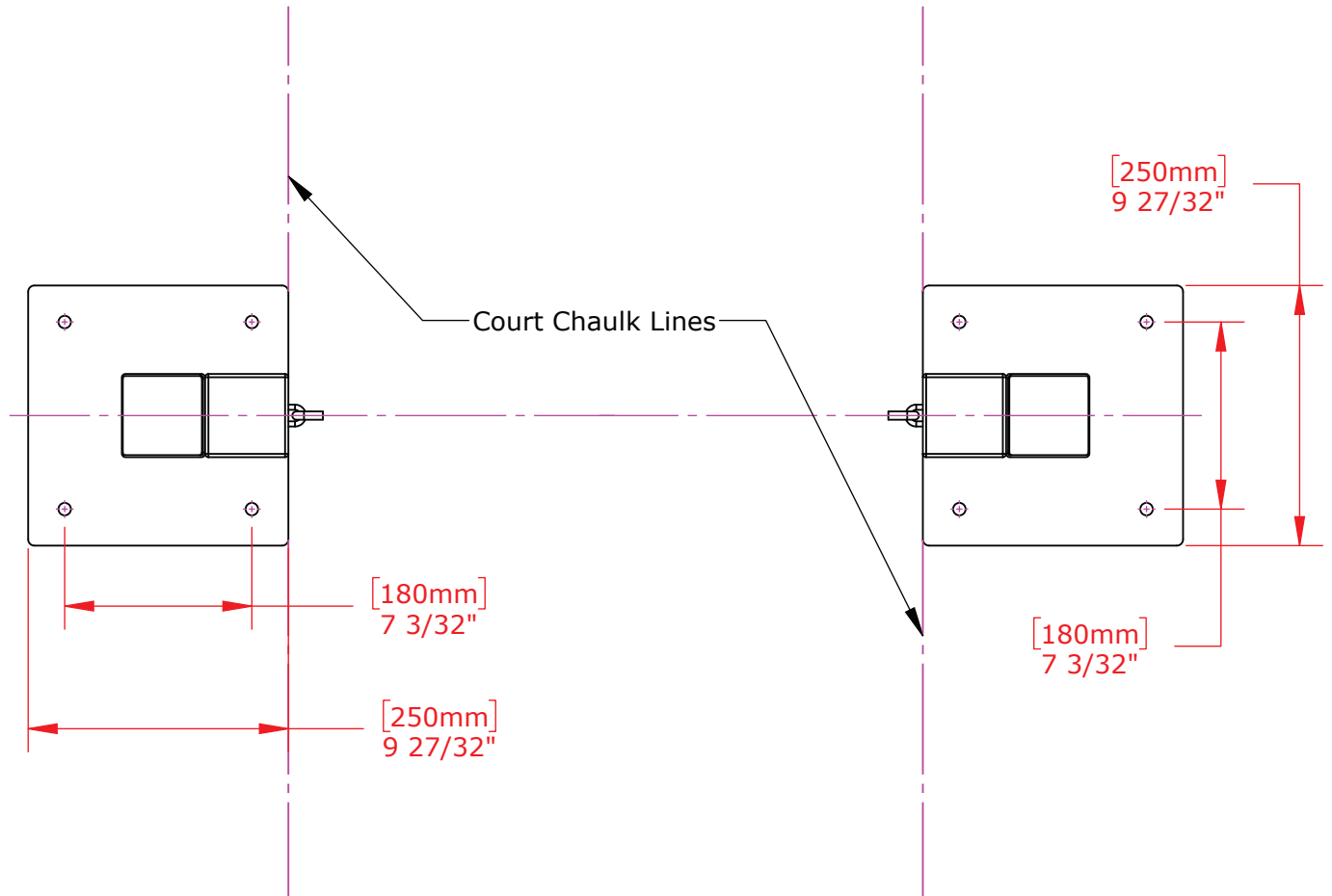
Padel/Pickleball 80x80
Internal Winch Net Posts

DWG NO:

ID-00607

Step 1: Assembly of Padel/Pickeball 80x80 Net Posts

1. Position the Net Posts with the Net Post baseplate flush with the Court Chalk Lines as shown per image shown below. Transfer a mark for each hole location from each base plate onto court surface and set Net Posts aside.



Step 2: Assembly of Padel/Pickeball 80x80 Net Posts

1. Drill each marked hole location using a 12mm masonry drill bit down to a maximum depth of 50mm. Shop vacuum each hole to remove masonry material out of each hole.
2. Insert a ground anchor into each hole with the slotted end of each anchor insert into the hole first.
3. Reposition and align the Net Posts over the freshly drilled holes.

TITLE:
Padel/Pickleball 80x80 Internal Winch
Net Posts, BlackAssembly Instructions

DWG NO:

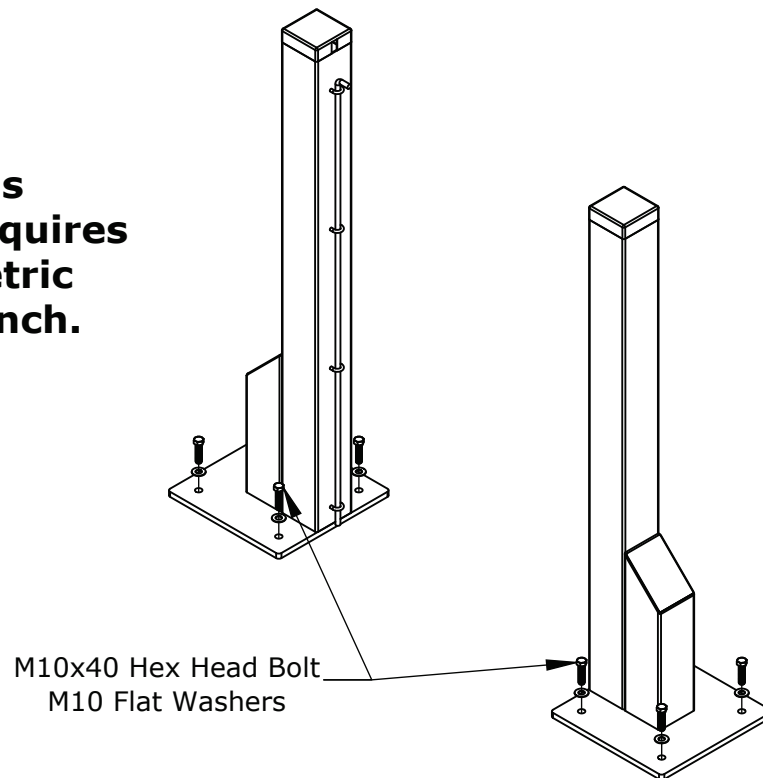
ID-00590

SHEET 1 OF 3

Step 3: Assembly of Padel/Pickeball 80x80 Net Posts

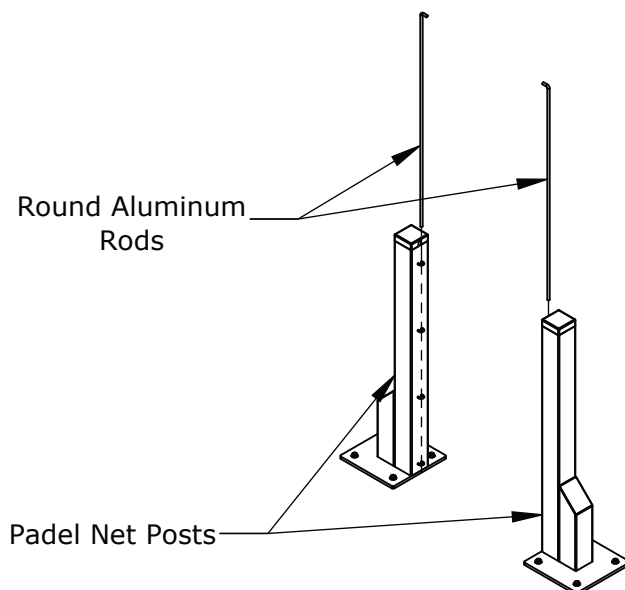
1. Install Net Posts using Hardware as shown in the image below.

Note: This installation requires a 17mm Metric socket/wrench.



Step 4: Assembly of Padel/Pickeball 80x80 Net Posts

1. Slide the Round Aluminum Rods into Net Post hoops as shown in the image below.



TITLE:
Padel/Pickleball 80x80 Internal Winch
Net Posts, BlackAssembly Instructions

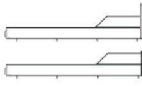











DWG NO:

ID-00590

SHEET 2 OF 3

Step 4: Manufacturers Parts List

Please see list below to find your required component replacement. Contact a Sportsfield Representative at 1-888-975-3343 or visit us on our website www.sportsfield.com to order replacment parts.

NOMENCLATURE								
Package N°	Ref	Index	Designation	Description	Quantity	Packing method	Weight (kg)	Dim. (mm)
A1	S26222-011 + S26222-012 + S26222-09	F + F + F	Post with winch + Post without winch + Accessories		1 + 1 + 1	Plastic bubbles + cardboard 5 layers	24	1000x360x280
ACCESSORIES PUT IN CLEAR PVC BAG								
Package N°	Ref	Designation	Description	Qty	Note			
A1	S25591-03EZ	Crank		1				
A1	BITH1040 + LITA102220 + TKDI1040	SS Screws M10x40 + SS Washers 10 + Ground anchors M10x40		8 + 8 + 8	To fix the post to the ground			
A1	S26222-04	Alu bars D8		2	Fixed to the posts			
PRE-ASSEMBLED ACCESSORIES								
Package N°	Ref	Designation	Description	Qty	Note			
A1	BITK0815W + LITA081815	SS Round head screws M8x15 + SS Washers 8		6 + 6				
A1	BITH1040 + LITA102220 + TITD10	SS Screws M10x40+ SS Washers10 + SS Locknuts M10		1 + 2 + 1				
A1	BITH1035 + LITA102220 + TITD10	SS Screws M10x35+ SS Washers10 + SS Locknuts M10		1 + 2 + 1				
A1	BLI70	SS Hinges		2				
A1	RV4010	Rivet		12				
A1	PULYN30	Pulley alu D30		2				
A1		Support Pulley		1				
A1	S26222-02	Inside winch		1				
A1	PT14N	Circlips D14		1				

TITLE:
Padel/Pickleball 80x80 Internal Winch
Net Posts, Black Assembly Instructions

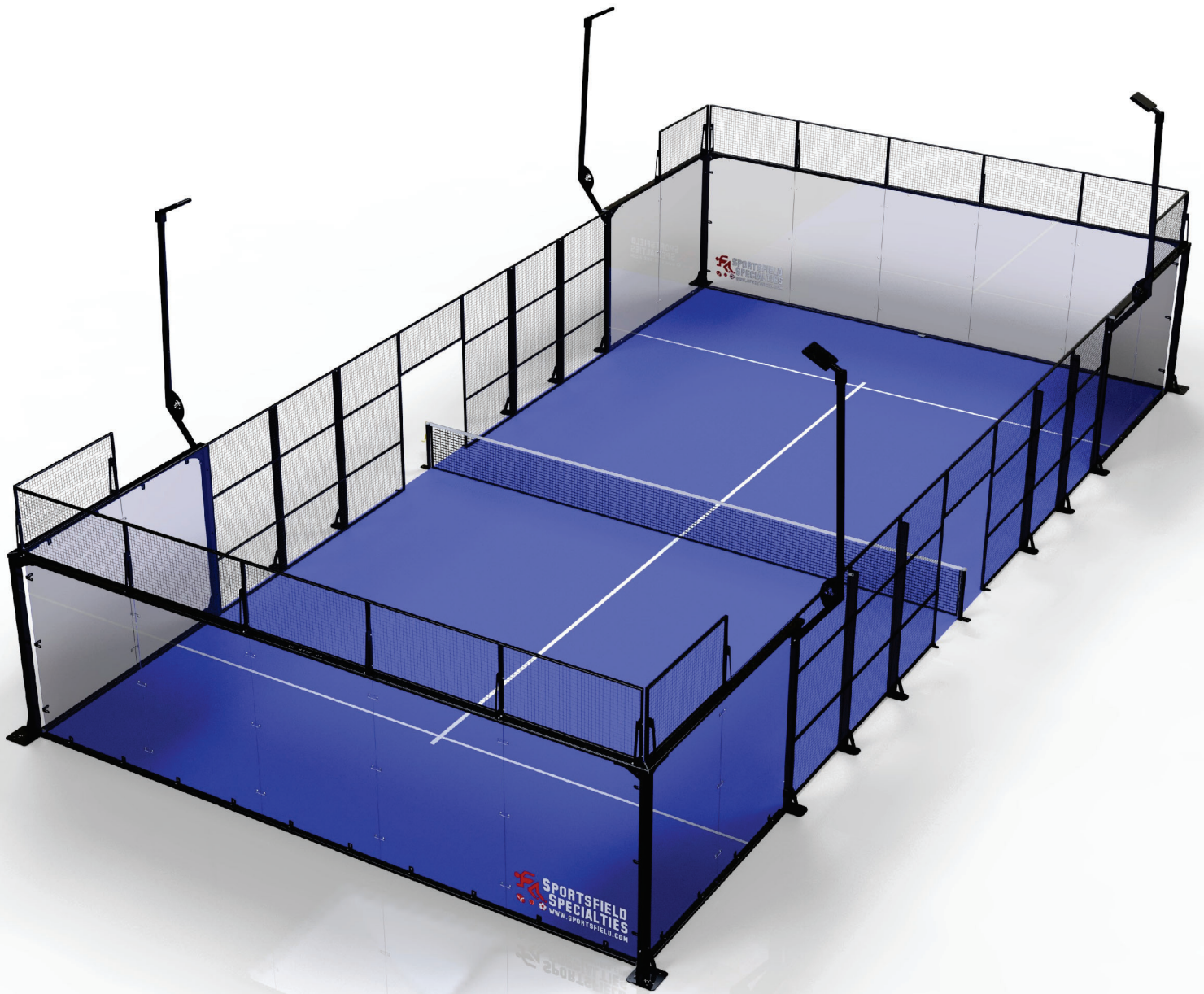
DWG NO:

ID-00590

SHEET 3 OF 3

Padel Post Installation Check List

1. Verify all hardware has been tightened.
2. Install all circular plastic plugs on the top surfaces of Bottom Sills.
3. Apply all push-on vinyl plastic thread caps on all exposed hex nuts.
4. Touch up any scratches that may have been created using touch up paint.
5. Verify the overall height of the center of the Padel net.



TITLE:

Padel Post Installation
Check List

DWG NO:

ID-00505

SHEET 1 OF 1