



# LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 12/16/2021

# 5607RP 4' INCLINE V-BRIDGE (4 DECK SPAN)

This play equipment is designed for

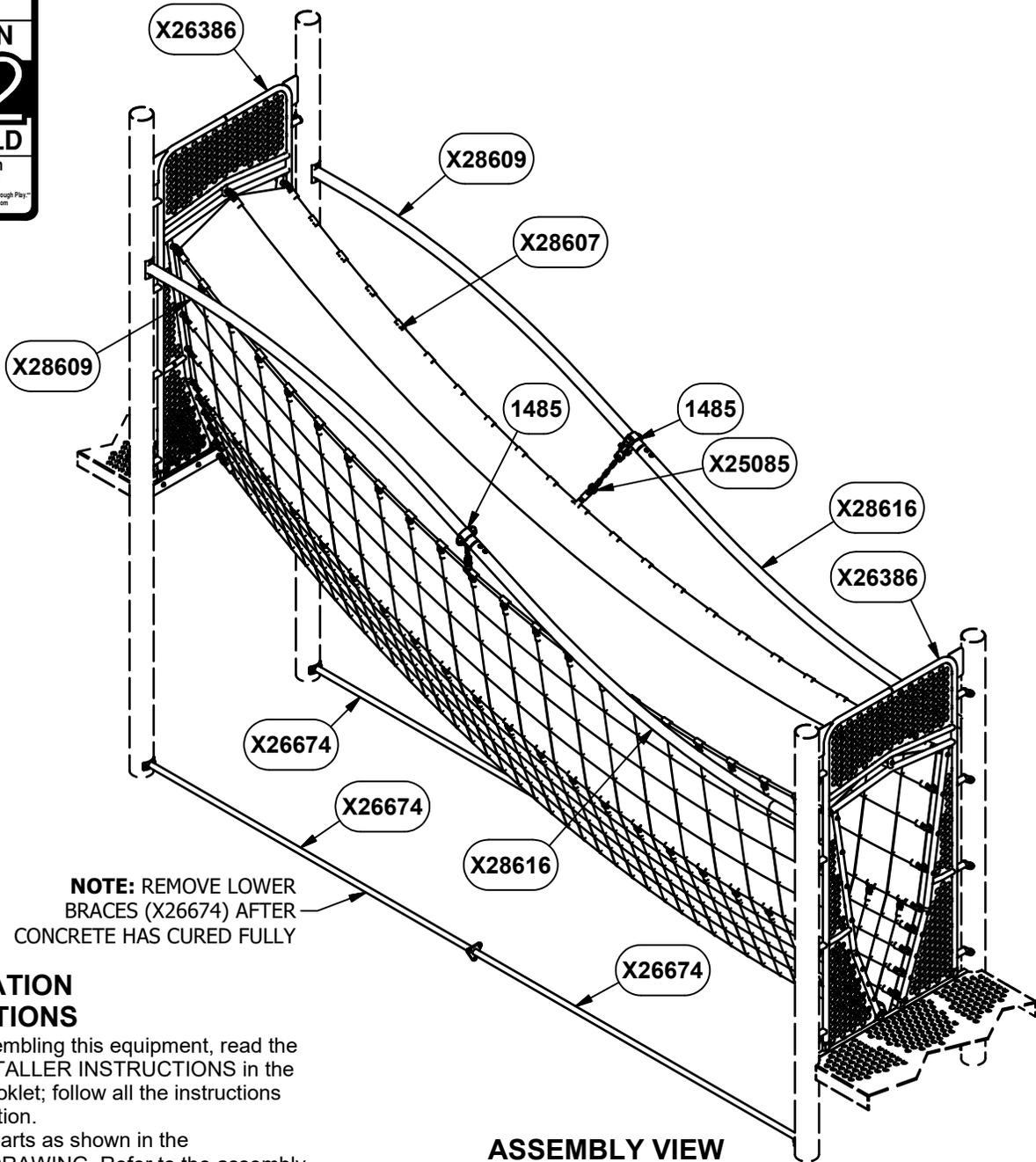
**CHILDREN**

**5 TO 12**

**YEARS OLD**

Adult supervision is recommended

Enriching Childhood Through Play™  
www.gametime.com

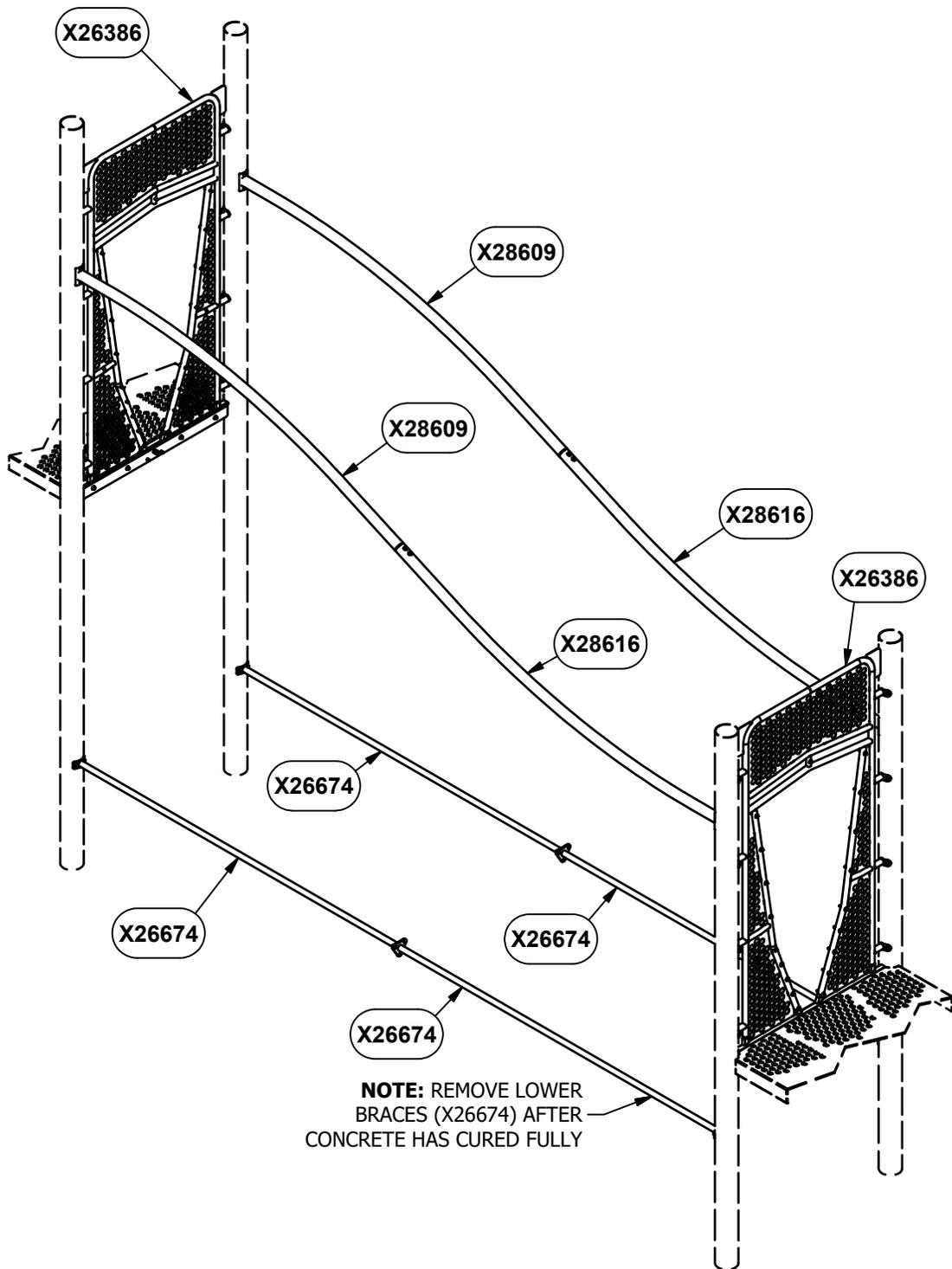


**NOTE:** REMOVE LOWER BRACES (X26674) AFTER CONCRETE HAS CURED FULLY

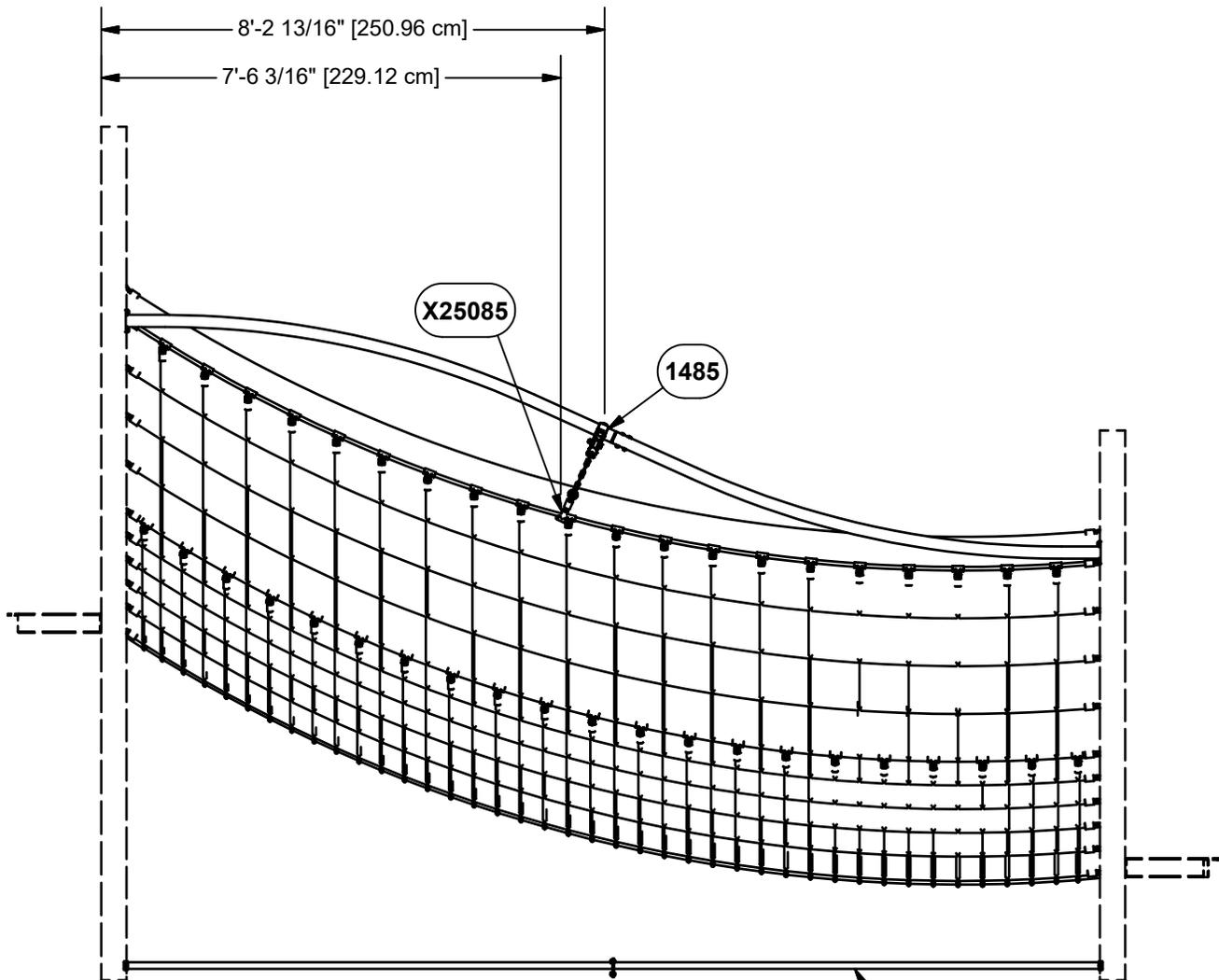
## INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **ALLOW CONCRETE TO CURE 48-72 HOURS BEFORE INSTALLATION OF V-BRIDGE NET.**

**ASSEMBLY VIEW**  
SEE PAGE 12  
FOR LASHING  
INSTRUCTIONS



**ASSEMBLY VIEW**  
 FRAME REFERENCE VIEW

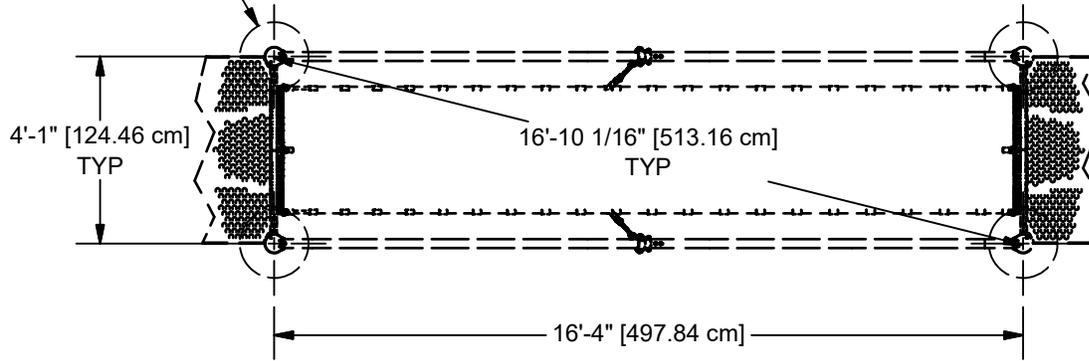


**ASSEMBLY VIEW**  
**SWING HANGER AND**  
**SUPPORT CABLE**  
**PLACEMENT**

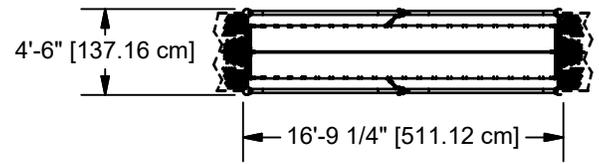
**NOTE:** REMOVE LOWER  
 BRACES (X26674) AFTER  
 CONCRETE HAS CURED FULLY

**NOTE:** DIMS ARE PULLED TO  
 THE CENTER OF SWING HANGER  
 AND SUPPORT CABLE

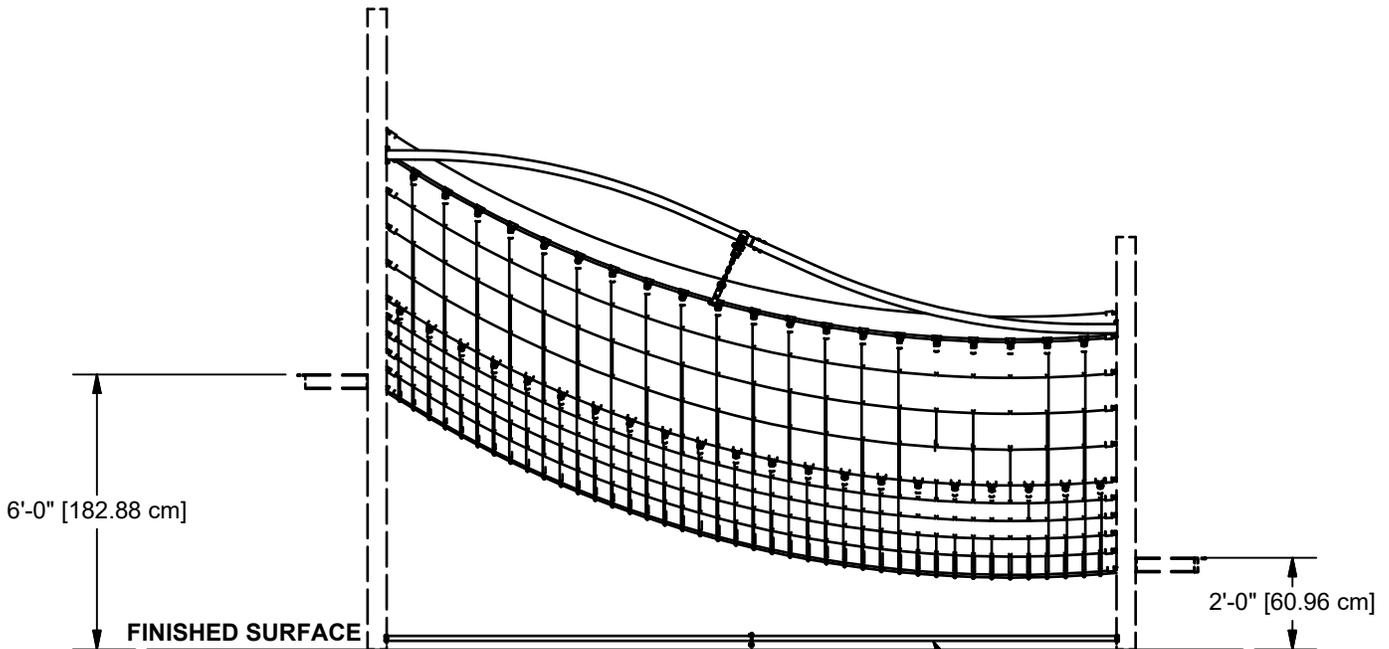
EXISTING UPRIGHTS



**PLAN VIEW**

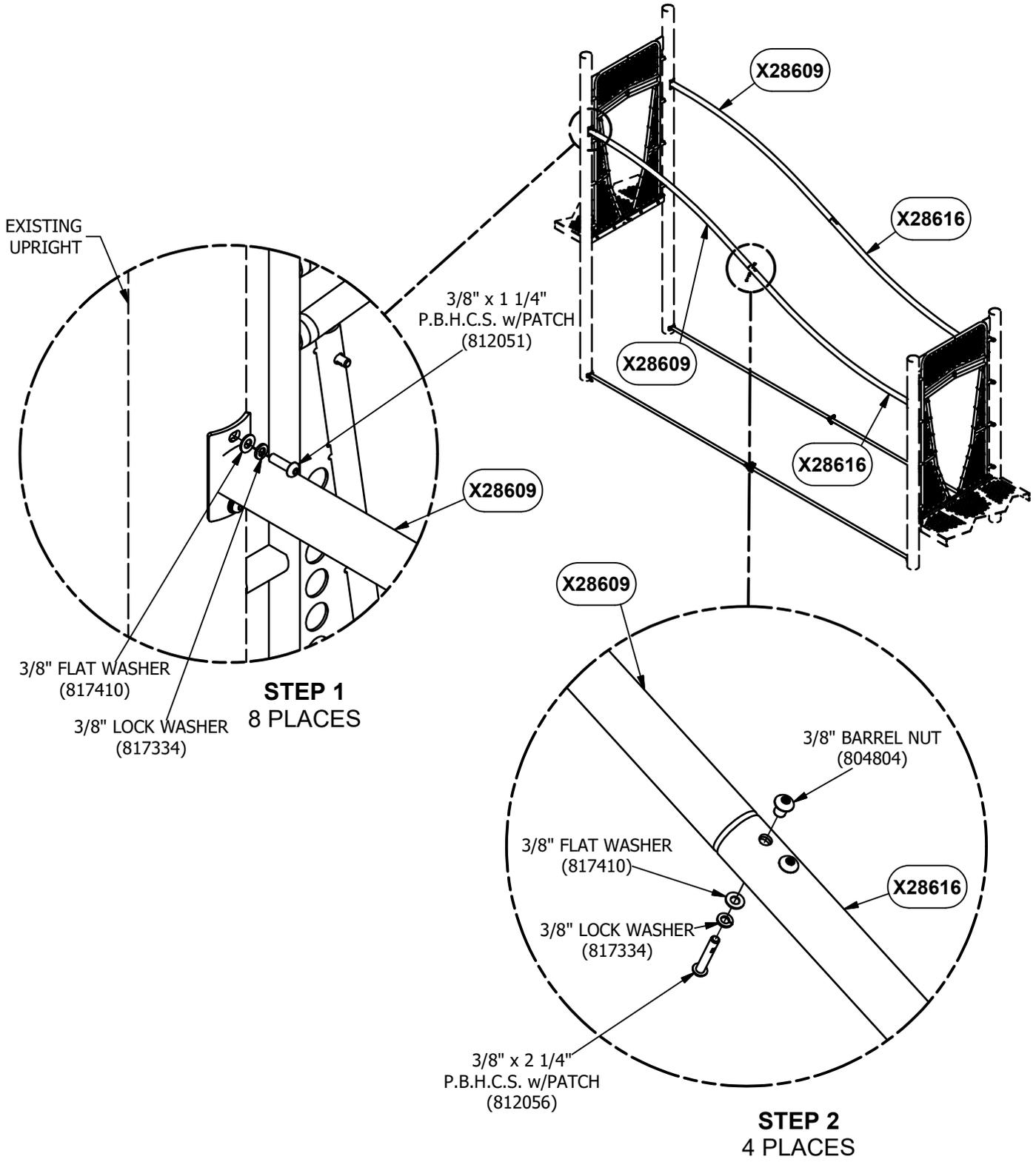
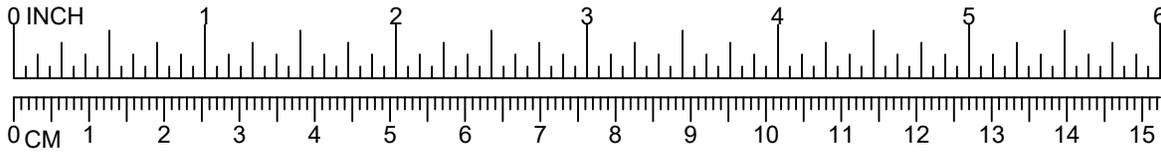


**TOP VIEW**



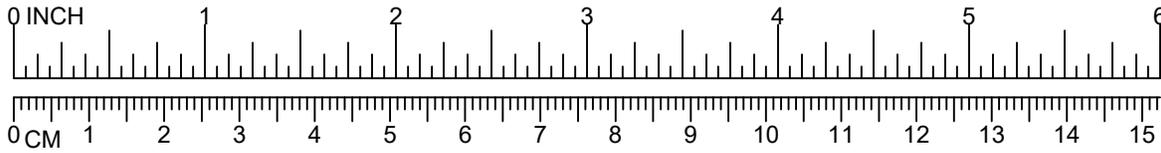
**ELEVATION VIEW**

**NOTE:** REMOVE LOWER BRACES (X26674) AFTER CONCRETE HAS CURED FULLY

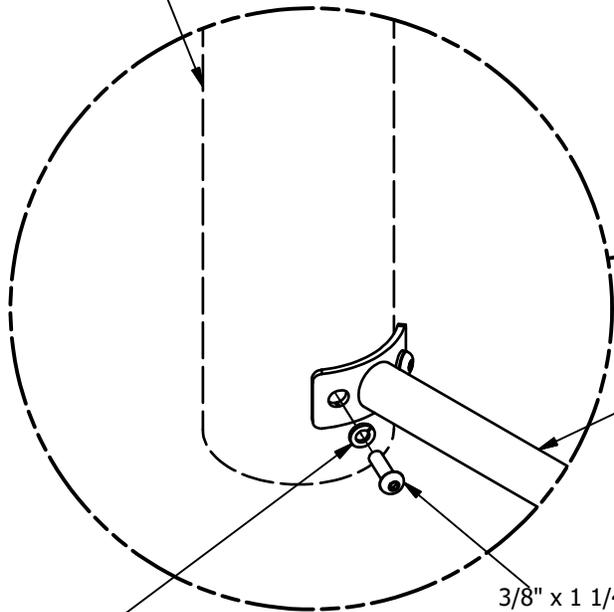


**DETAIL VIEW**

**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS BEFORE INSTALLATION OF V-BRIDGE NET.**



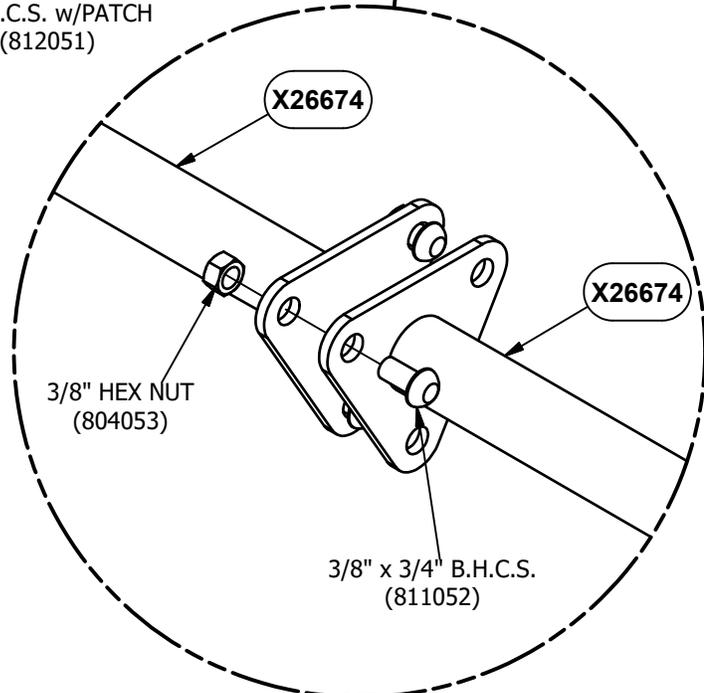
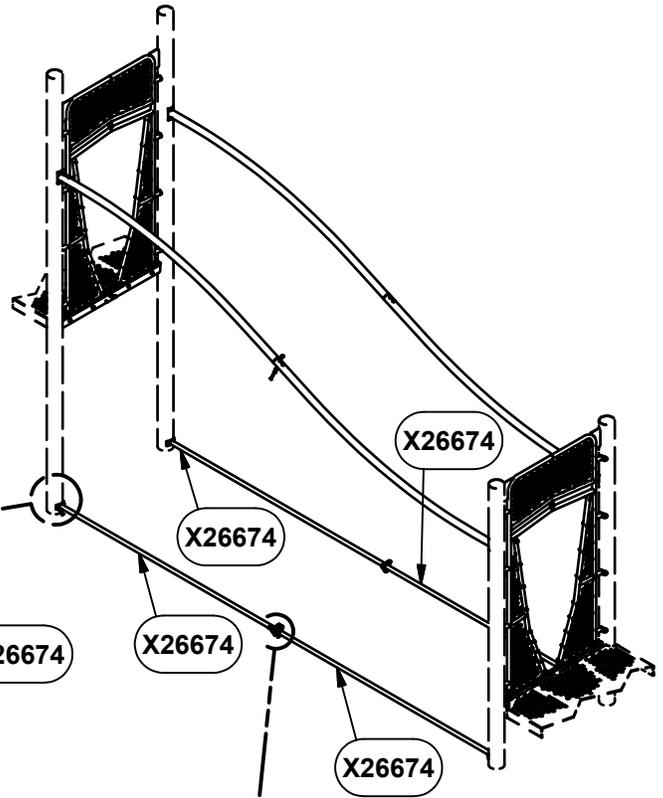
EXISTING UPRIGHT



3/8" LOCK WASHER  
(817334)

**STEP 3**  
8 PLACES

3/8" x 1 1/4"  
P.B.H.C.S. w/PATCH  
(812051)



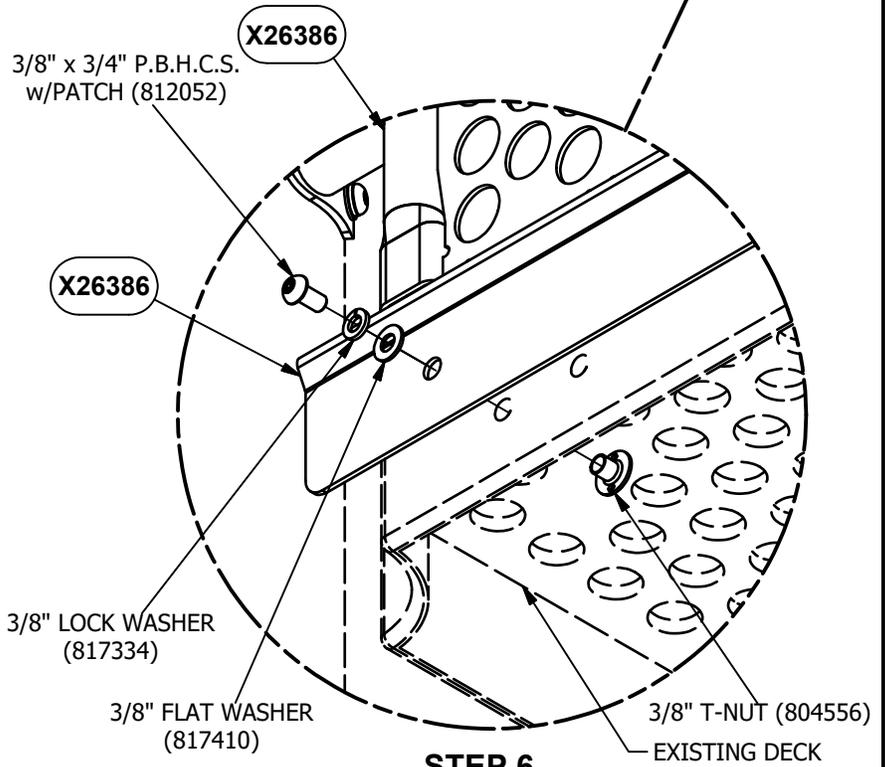
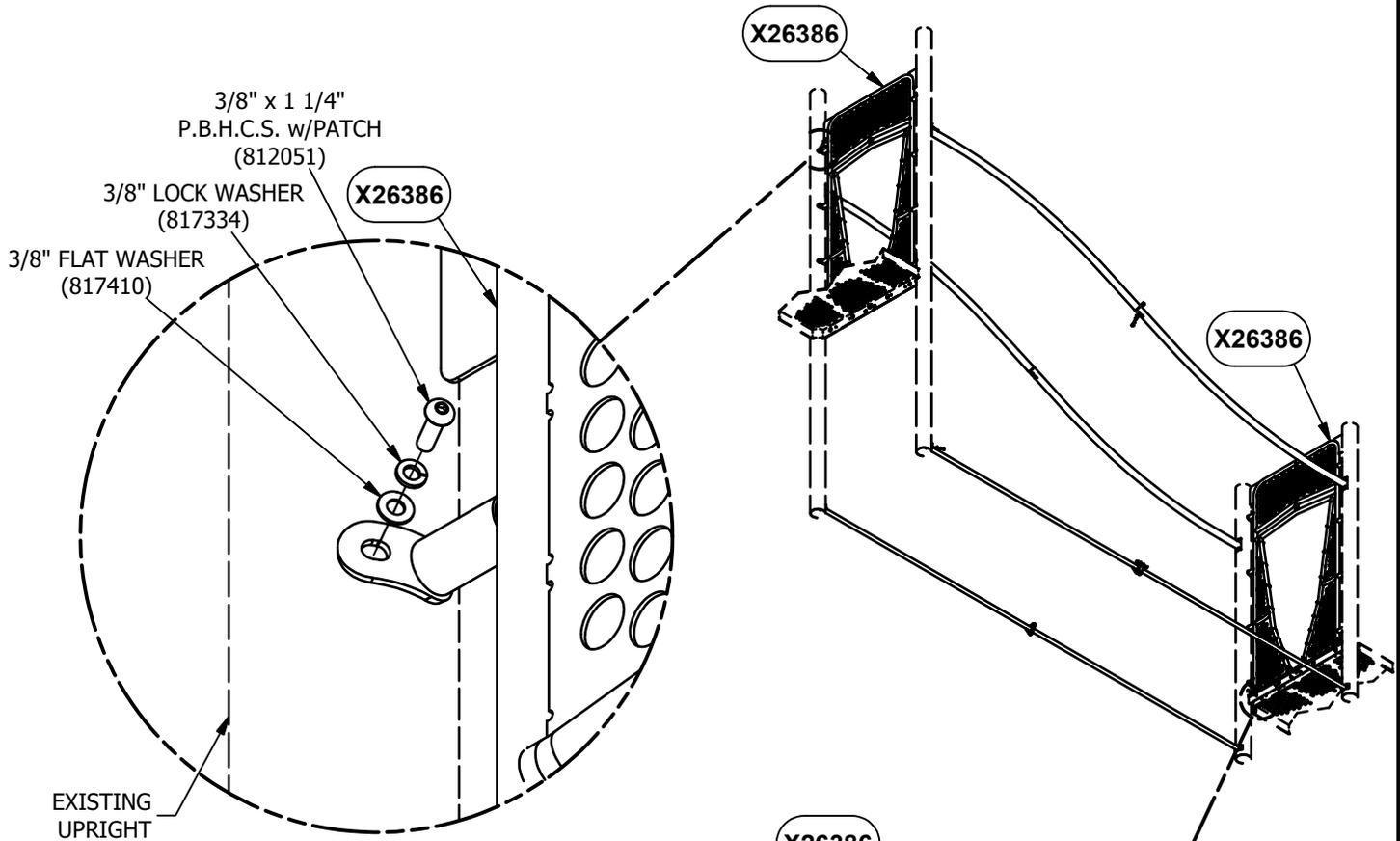
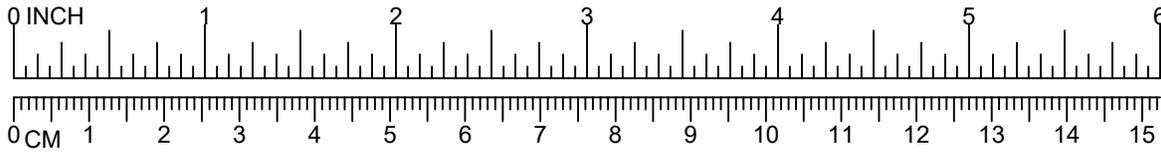
3/8" HEX NUT  
(804053)

3/8" x 3/4" B.H.C.S.  
(811052)

**STEP 4**  
6 PLACES

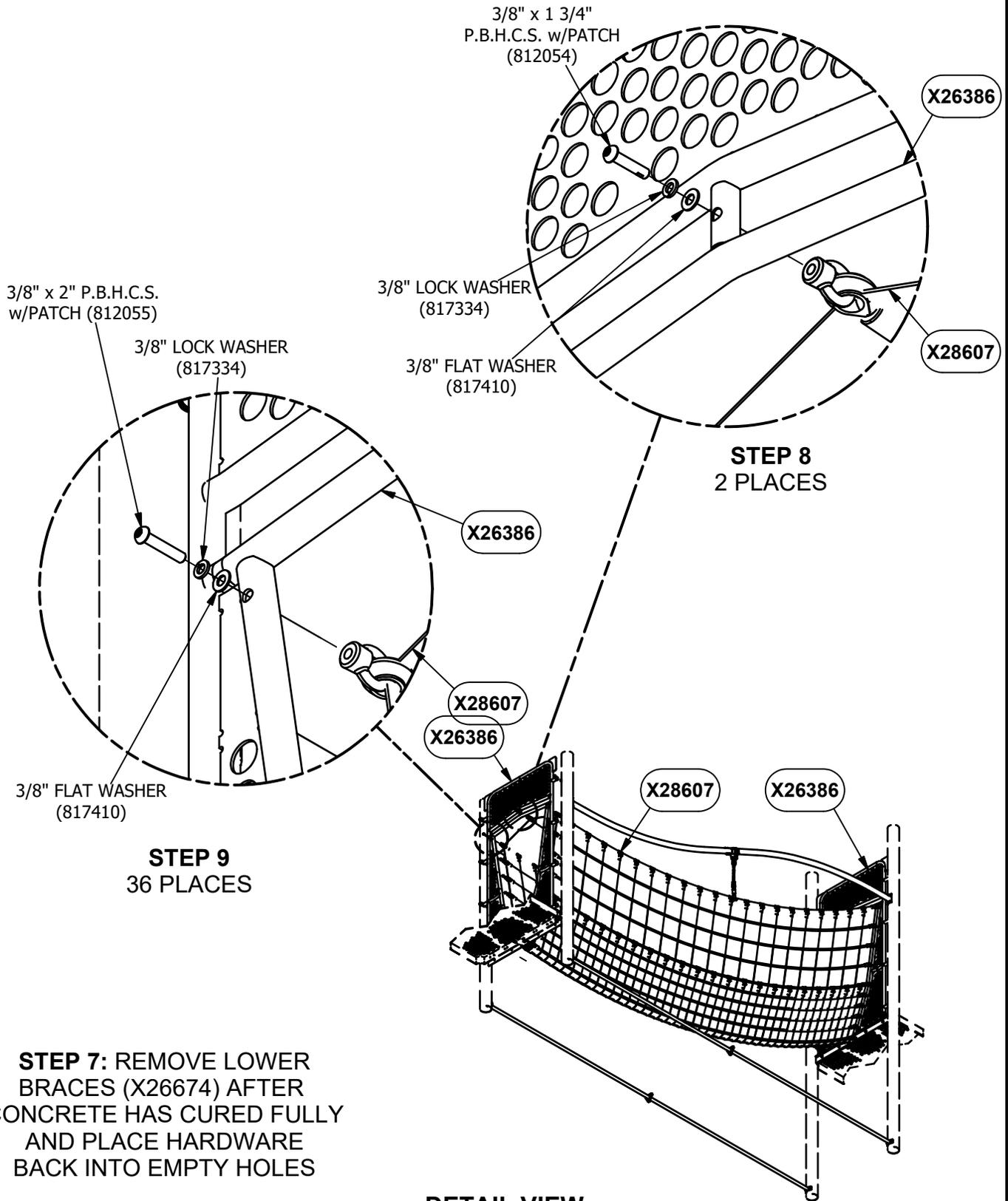
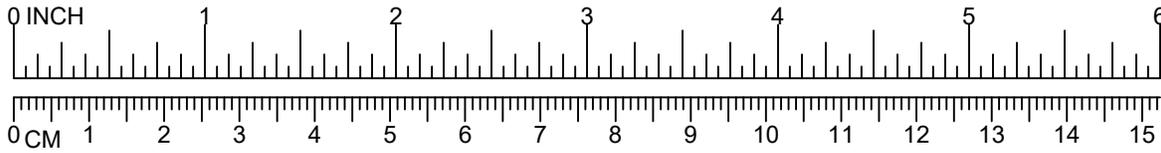
**DETAIL VIEW**

**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS  
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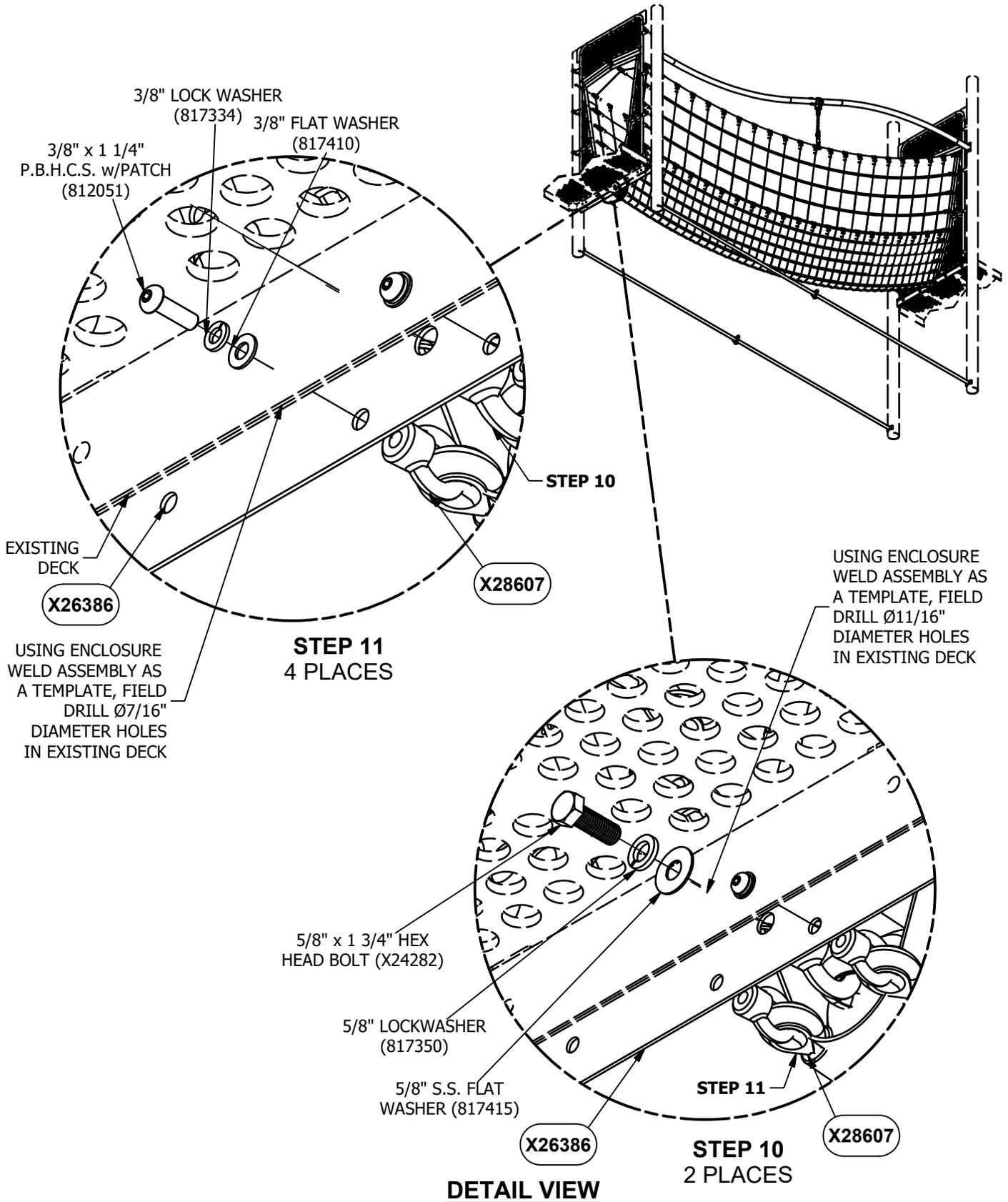
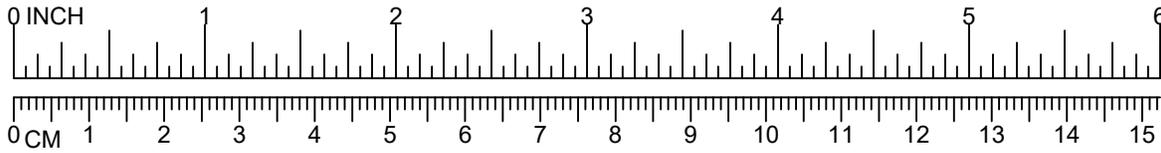
**DETAIL VIEW**

**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS BEFORE INSTALLATION OF V-BRIDGE NET.**

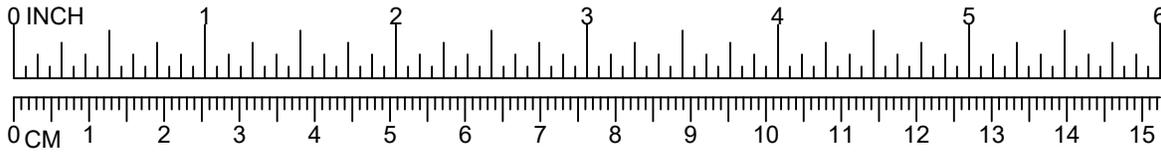


**STEP 7: REMOVE LOWER BRACES (X26674) AFTER CONCRETE HAS CURED FULLY AND PLACE HARDWARE BACK INTO EMPTY HOLES**

**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS BEFORE INSTALLATION OF V-BRIDGE NET.**



**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS BEFORE INSTALLATION OF V-BRIDGE NET.**



# REFER TO PAGE 3 ASSEMBLY VIEW FOR SWING HANGER PLACEMENT

CARRIAGE BOLT  
INCLUDED WITH  
ASSEMBLY

1485

X28609

**NOTE:** SPACE BETWEEN  
TABS SHOULD BE EQUAL  
ON BOTH SIDES OF HANGER

LOCK NUT  
INCLUDED WITH  
ASSEMBLY

X28616

**STEP 12**  
4 PLACES  
HARDWARE INCLUDED  
WITH SWING HANGER (1485)

SHOULDER BOLT  
INCLUDED WITH  
ASSEMBLY

208959

1485

**STEP 13**  
2 PLACES  
HARDWARE INCLUDED  
WITH SWING HANGER (1485)

X28609

X28609

1485

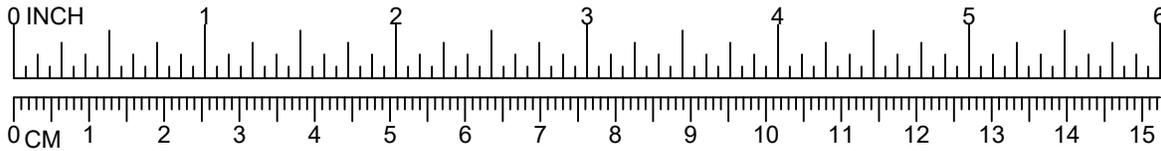
X28616

1485

X28616

## DETAIL VIEW

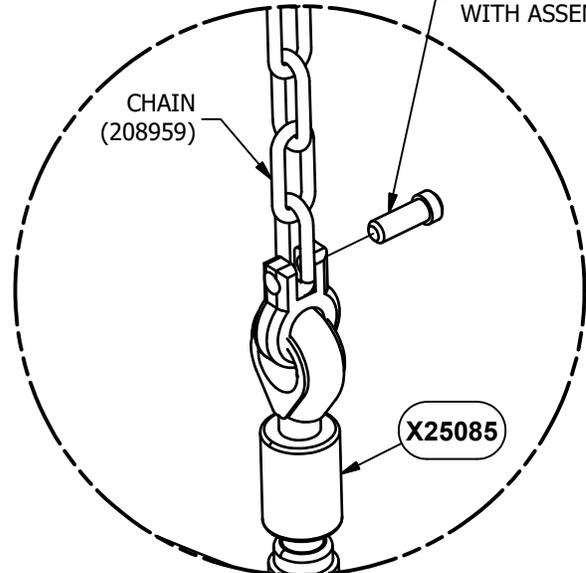
**NOTE:** ALLOW CONCRETE TO CURE 48-72 HOURS  
BEFORE INSTALLATION OF V-BRIDGE NET.



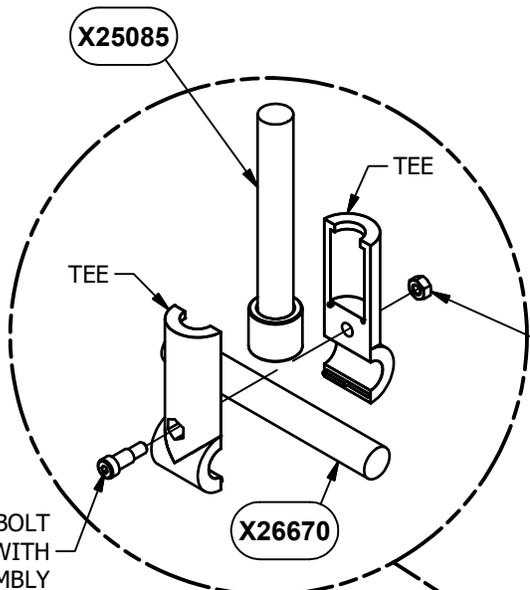
# REFER TO PAGE 3 ASSEMBLY VIEW FOR SWING HANGER PLACEMENT

**NOTE: CUT CHAIN TO LENGTH  
WITH MINIMUM TENSION  
ON V-BRIDGE NET.**

**BOLT INCLUDED  
WITH ASSEMBLY**



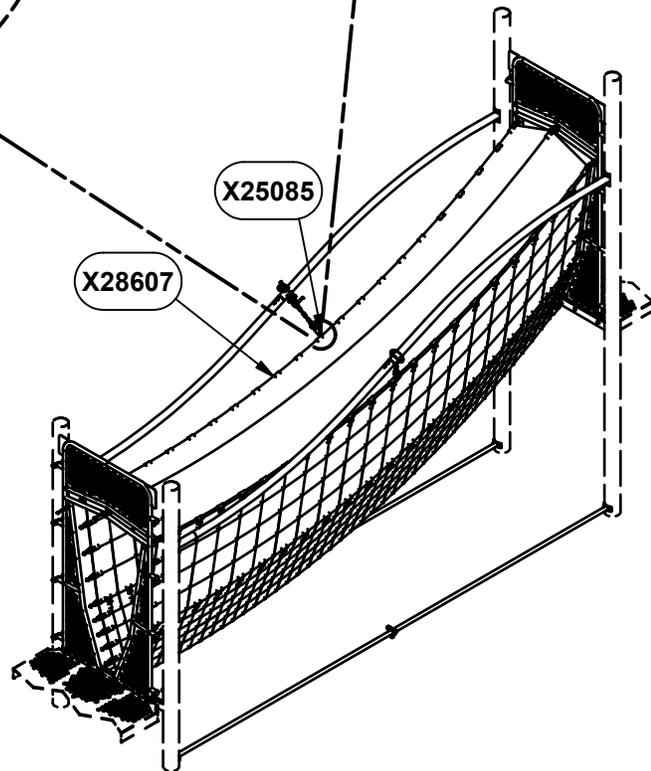
**STEP 15  
2 PLACES  
HARDWARE INCLUDED  
WITH SWING HANGER (1485)**



**HEX NUT  
INCLUDED WITH  
ASSEMBLY**

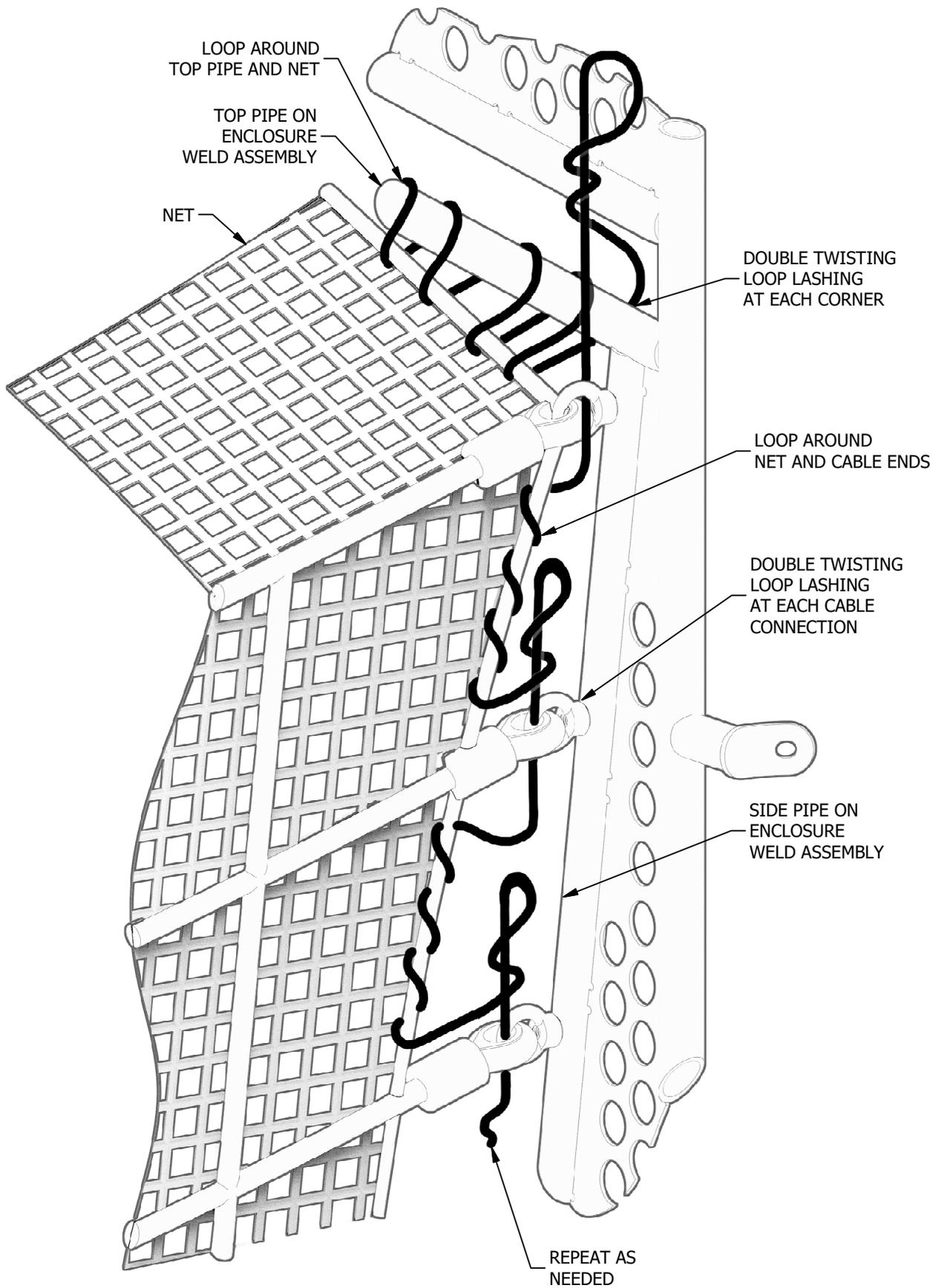
**SHOULDER BOLT  
INCLUDED WITH  
ASSEMBLY**

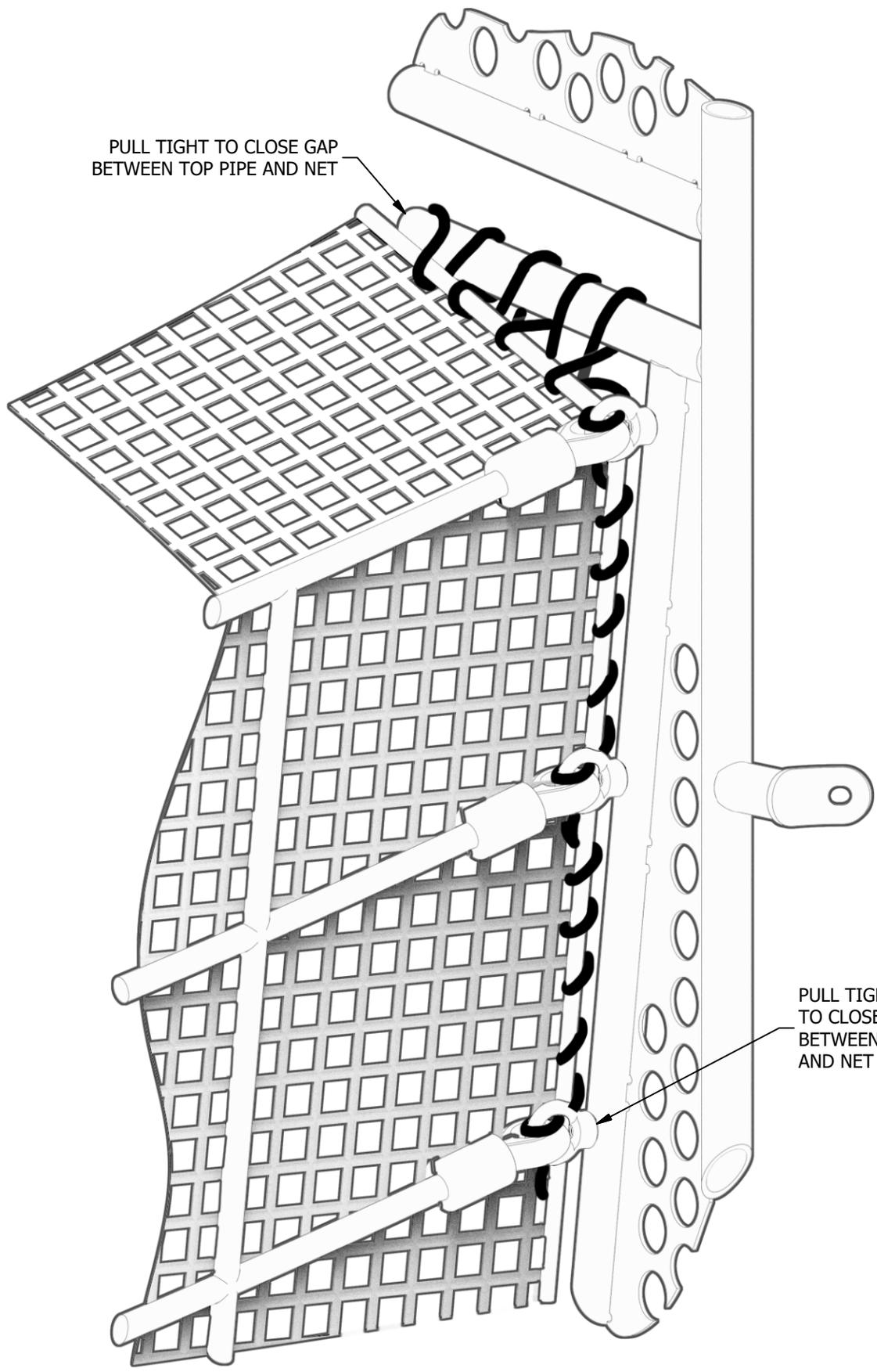
**STEP 14  
2 PLACES  
HARDWARE INCLUDED  
WITH SWING HANGER (1485)**



**DETAIL VIEW**

**NOTE: ALLOW CONCRETE TO CURE 48-72 HOURS  
BEFORE INSTALLATION OF V-BRIDGE NET.**

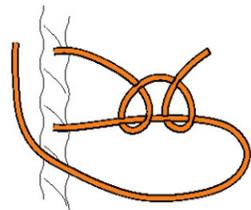
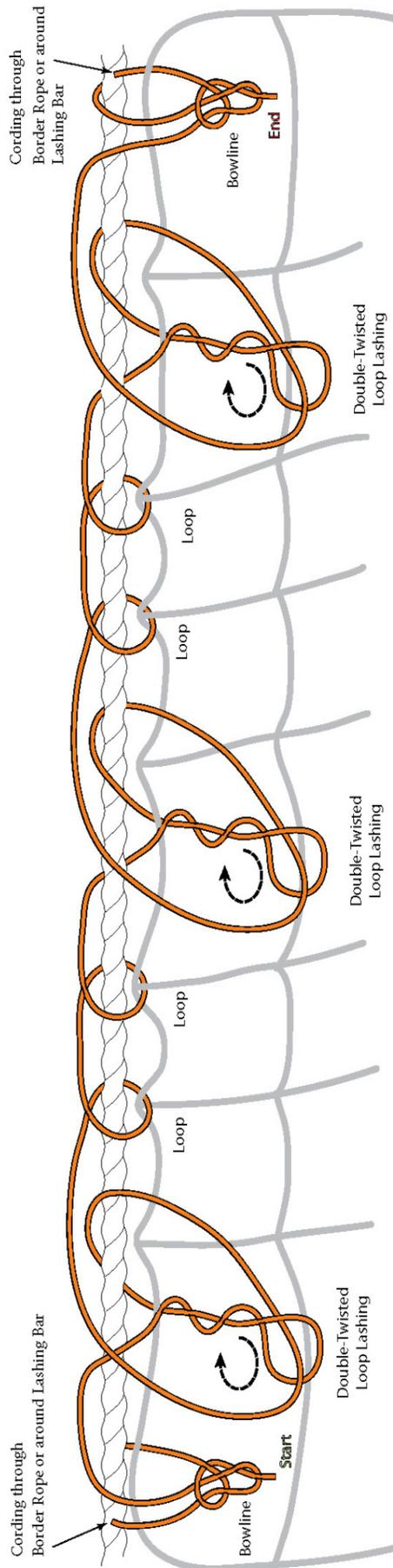




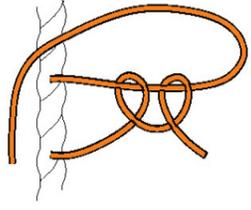
PULL TIGHT TO CLOSE GAP  
BETWEEN TOP PIPE AND NET

PULL TIGHT  
TO CLOSE GAP  
BETWEEN SIDE PIPE  
AND NET

# Lashing of Square Mesh Net to Border Rope or Lashing Bar



Double-Half Hitch

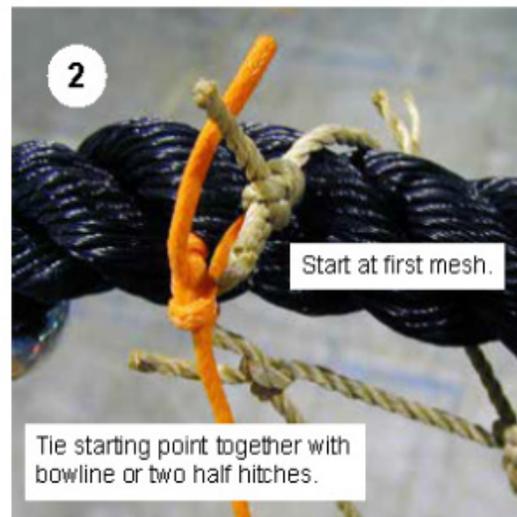


Double-Half Hitch

- The process of lashing is made from one corner to the next, terminated at each corner.
- The technique shown may be varied depending on the border rope or frame being lashed to as well as the desired fit and finish.
- Secure the start and end of the cording run with a bowline, double-half hitch or slip knot. Pull all knots and loops tight.
- Three closely grouped double-twisted loop lashings are typically made at the first (start) and last mesh on each end.
- Knots should be made below the border rope and loose ends tucked under for best finish.
- Depending on the net weight and length, the lash may be secured at each mesh with a double-twisted loop lashing or at multiple meshes as shown here for illustration.

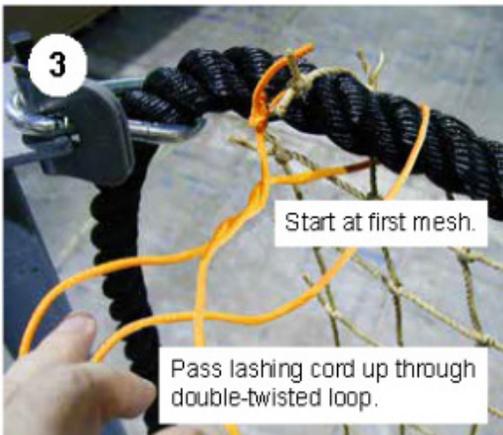


1 Pass a length of lashing cord through border rope, or around lashing bar.



2 Start at first mesh.

Tie starting point together with bowline or two half hitches.

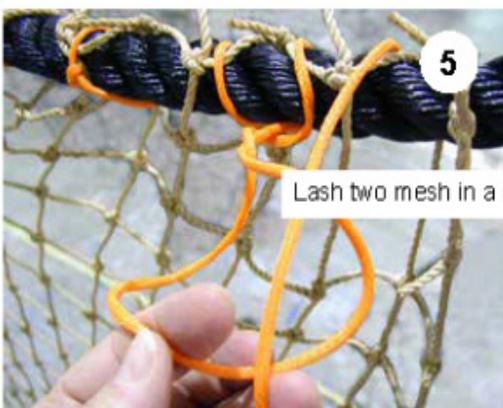


3 Start at first mesh.

Pass lashing cord up through double-twisted loop.



4 Make three double-twisted loop lashes. Pull lashes tight.



5 Lash two mesh in a row

Make one double-twisted loop at third mesh.



6 Secure the corner mesh with three double-twisted loop lashes.

# Instructions

## Net and Border Lashing Techniques

Required Tools: Lashing Cord, Hot Knife (or alternative).

The process of lashing is made from one corner to the next, terminated at each corner. The technique shown may be varied depending on the border or frame the net is being lashed to. A border rope is typically woven through the mesh opening of the net, usually diamond mesh. This is not always the case depending mostly on the desired look and finish. Netting without sewn borders typical of square mesh would be lashed directly to the border rope with loose netting strands tucked under the lashing.

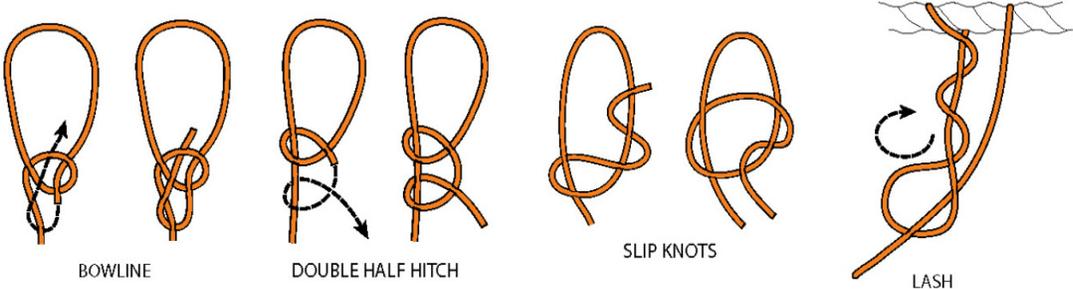
Lashing cord is usually matched in color to the border rope. For contrast, a light colored lashing cord is shown for demonstration purposes.

1. Start at one corner of the net by weaving the border rope alternately through the net mesh openings.
2. From the same starting corner, pass a length of lashing cord through the stranded border rope, or around the lashing bar. See Figure 1.
3. Secure the starting point with a bowline, slip knot, or two half hitches. Pull tight. See Figure 2.
4. Pass the lashing cord through the corner mesh, around the border rope (lashing bar) and up through a right-hand doubled-twisted loop formed in the lashing cord. Repeat this step twice, pulling each knot tight. The finished lash will show three grouped knots. See Figures 3 and 4.

Note: Depending on the net weight and length, the lash may be secured at each mesh or every multiple meshes.

A multiple of three mesh is shown here for illustration.

5. Lash two mesh in a row, looping the lashing cord around the border rope once for each mesh. See Figure 5.
6. Pass the lashing cord through the third mesh, around the border rope and through a double-twisted loop formed in the lashing cord as shown in Figure 5. Pull tight. Repeat steps 5 and 6 until a corner is reached.
7. Secure the corner by passing the lashing cord through the corner mesh, around the border rope (lashing bar) and up through a right-hand double-twisted loop formed in the lashing cord. Repeat this step twice., pulling each knot tight. The finished lash will show three grouped knots. See Figure 6.
8. Finish by passing the lashing cord through the stranded border rope, or around the lashing bar (same as step 2) and securing with a bowline, slip knot, or two half hitches. Pull tight.
9. Cut the lashing cord near the last knot and seize with a hot knife, or alternative, to keep the end from fraying.
10. Repeat steps 2 through 9 for each side of the net starting with the same corner just secured with lashing. Note: All knots should be aligned and grouped side by side with no overlapping of lashing or knots.



Parts List		
DESCRIPTION	QTY	PART NUMBER
V-BRIDGE ENCLOSURE WELD ASS'Y	2	X26386
STRAIGHT LOWER BRACING	4	X26674
V BRIDGE NET	1	X28607
BRACE WELD ASSEMBLY 1	2	X28609
BRACE WELD ASSEMBLY 2	2	X28616
2 3/8" SWING HANGER	2	1485
<b>HARDWARE COMPLETE</b>	1	5607HW
3/8" x 3/4" B.H.C.S.	6	811052*
3/8" x 3/4" P.B.H.C.S. w/PATCH	8	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	36	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	36	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	4	812056*
3/8" FLAT WASHER	78	817410*
3/8" LOCK WASHER	86	817334*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	6	804053*
3/8" T-NUT	8	804556*
5/8" x 1 3/4" HEX HEAD BOLT	2	X24282*
5/8" LOCKWASHER	2	817350*
5/8" S.S. FLAT WASHER	2	817415*
63006 #50 CHAIN 40"LG	2	208959*
SUPPORT CHAIN w/TEE	2	X25085*

*Unless Otherwise Specified, All Units of Measure are Each  
\* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more that two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

### **MAINTENANCE PROCEDURE:**

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

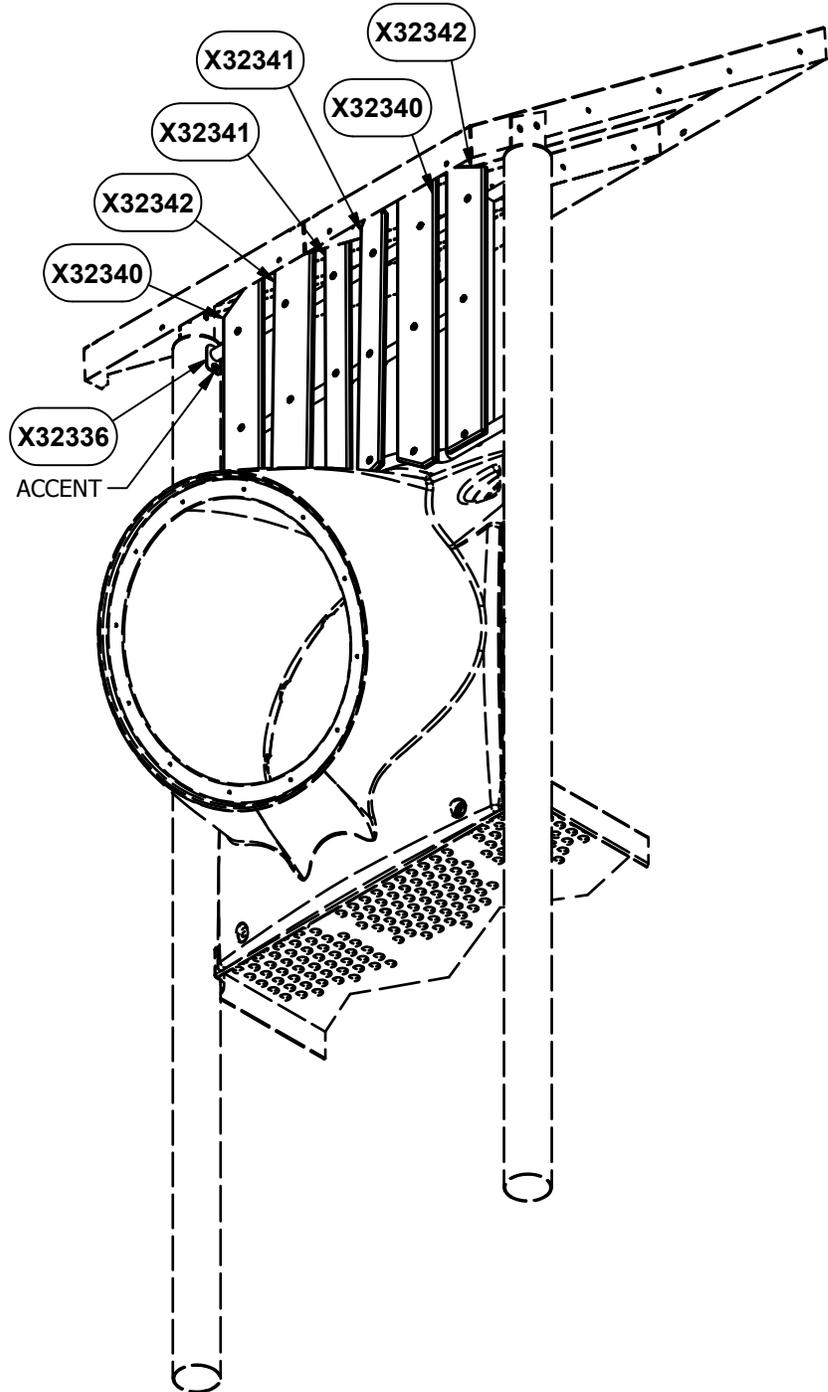
ISSUED/REVISED: 2/24/2022

# 6475RP TIMBER SQUARE TOWER SLIDE FILLER



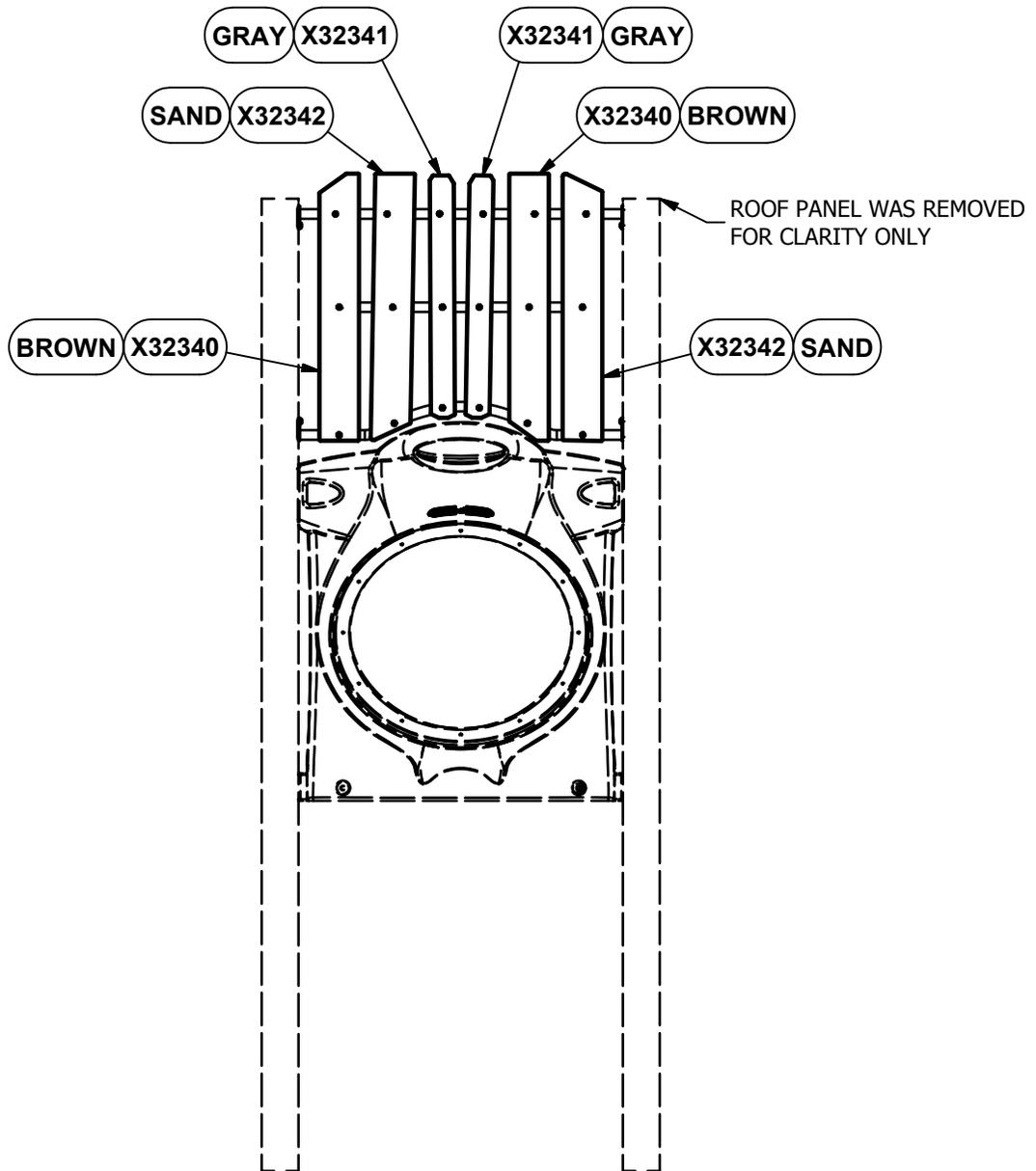
## INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



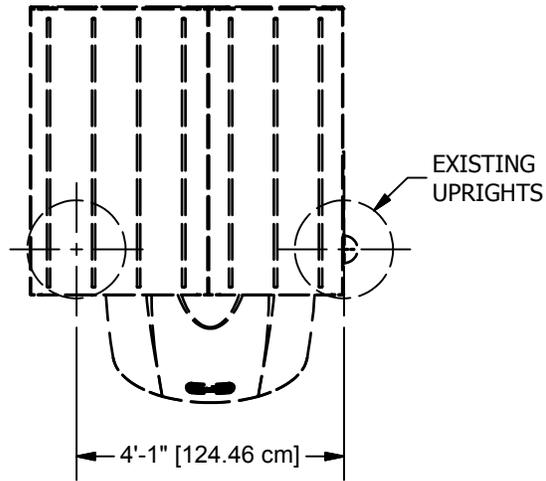
**REFER TO PAGE 2  
FOR TIMBER PLANK  
LOCATION**

ASSEMBLY VIEW

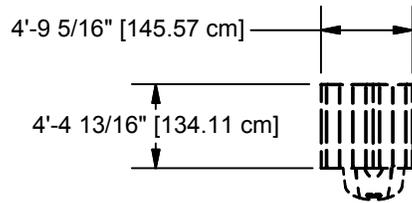


**ASSEMBLY VIEW**  
TIMBER PLANK LOCATION

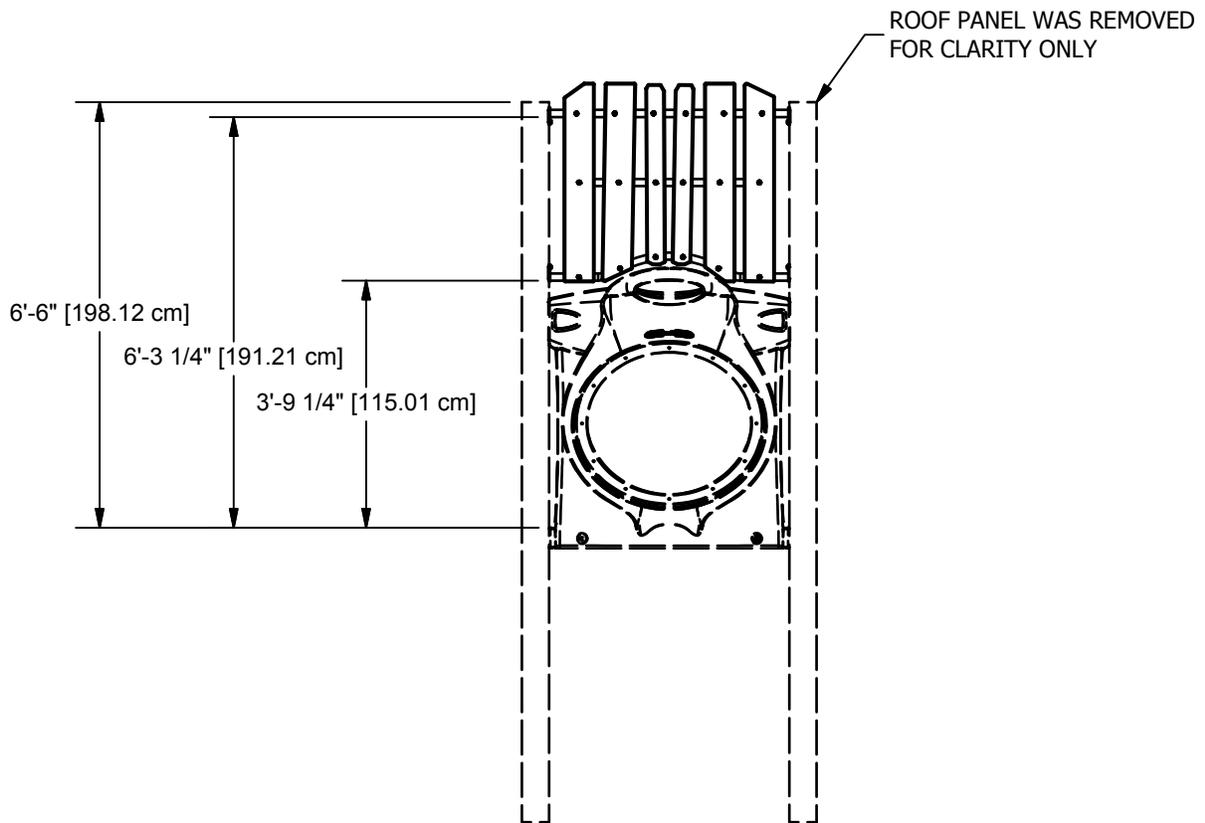
TIMBER PACKAGE X32343		
DESCRIPTION	QTY	PART NUMBER
TIMBER 1	2	X32340**
TIMBER 2	2	X32341**
TIMBER 3	2	X32342**



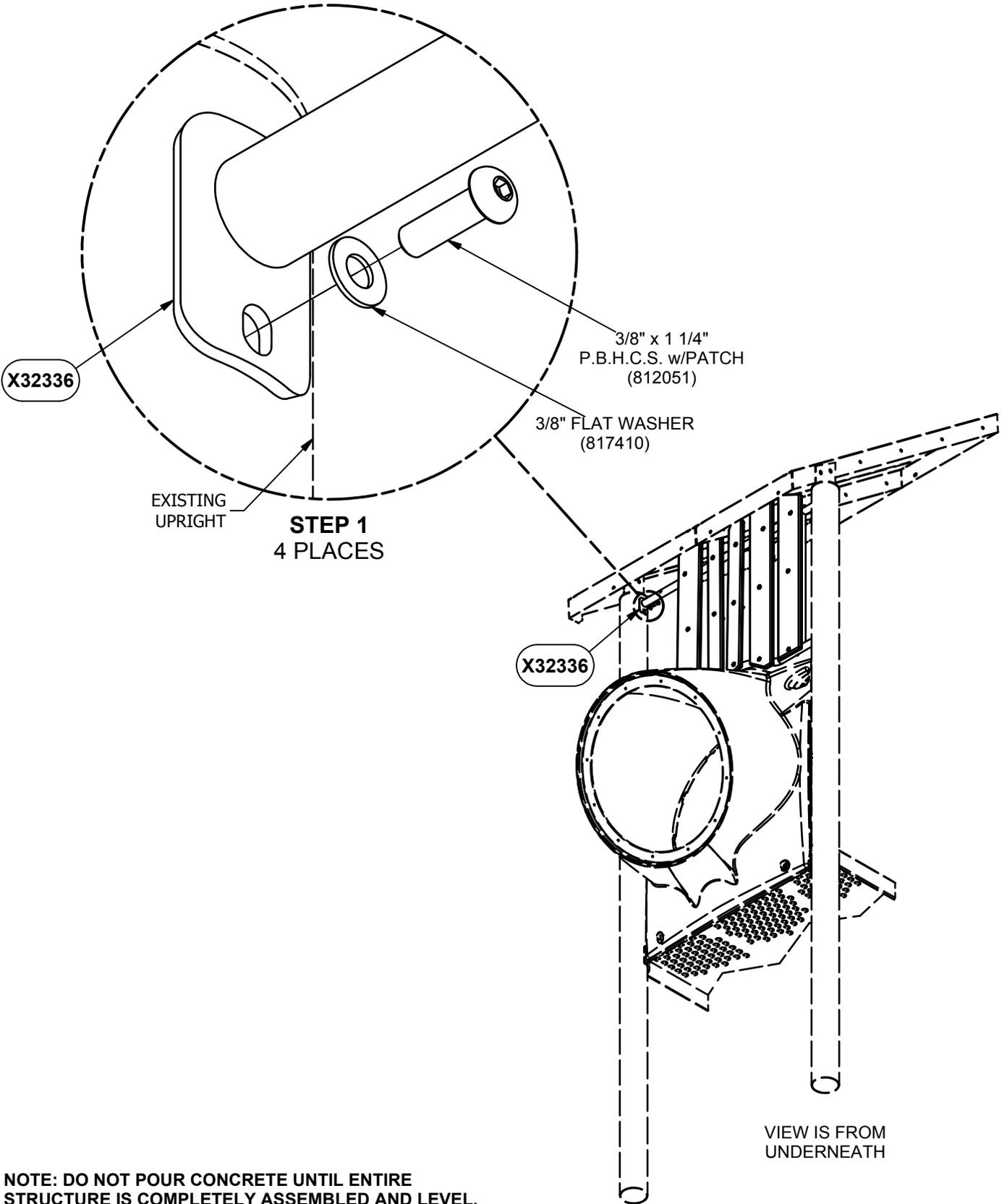
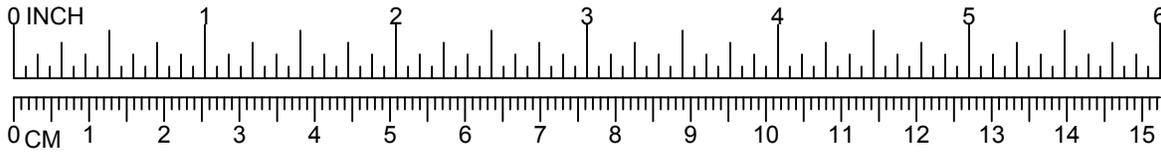
**PLAN VIEW**



**TOP VIEW**

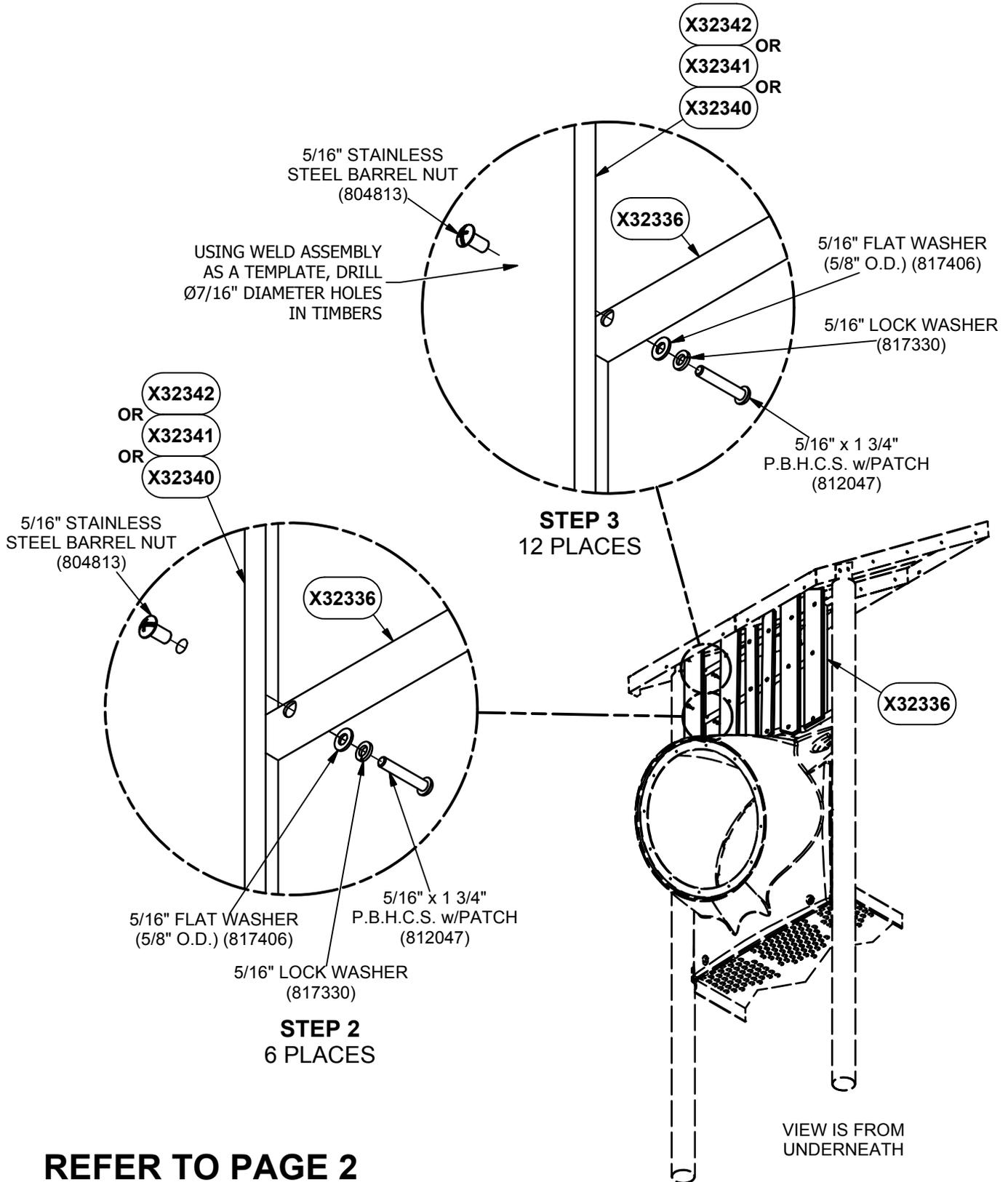
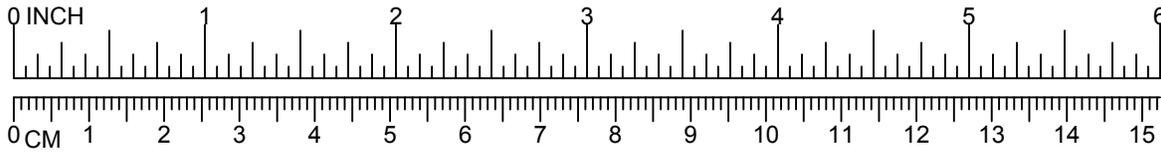


**ELEVATION VIEW**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



**REFER TO PAGE 2  
FOR TIMBER PLANK  
LOCATION**

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STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

PAGE 5

Parts List		
DESCRIPTION	QTY	PART NUMBER
SLIDE FILLER PANEL WELD ASSEMBLY	1	X32336
<b>TIMBER PACKAGE</b>	1	X32343
TIMBER 1	2	X32340**
TIMBER 2	2	X32341**
TIMBER 3	2	X32342**
<b>HARDWARE COMPLETE</b>	1	6475HW
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	18	812047*
5/16" FLAT WASHER (5/8" O.D.)	18	817406*
5/16" LOCK WASHER	18	817330*
5/16" STAINLESS STEEL BARREL NUT	18	804813*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	812051*
3/8" FLAT WASHER	4	817410*

*Unless Otherwise Specified, All Units of Measure are Each*

*\* Included in Hardware*

*\*\* Included in Timber Package*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

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- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

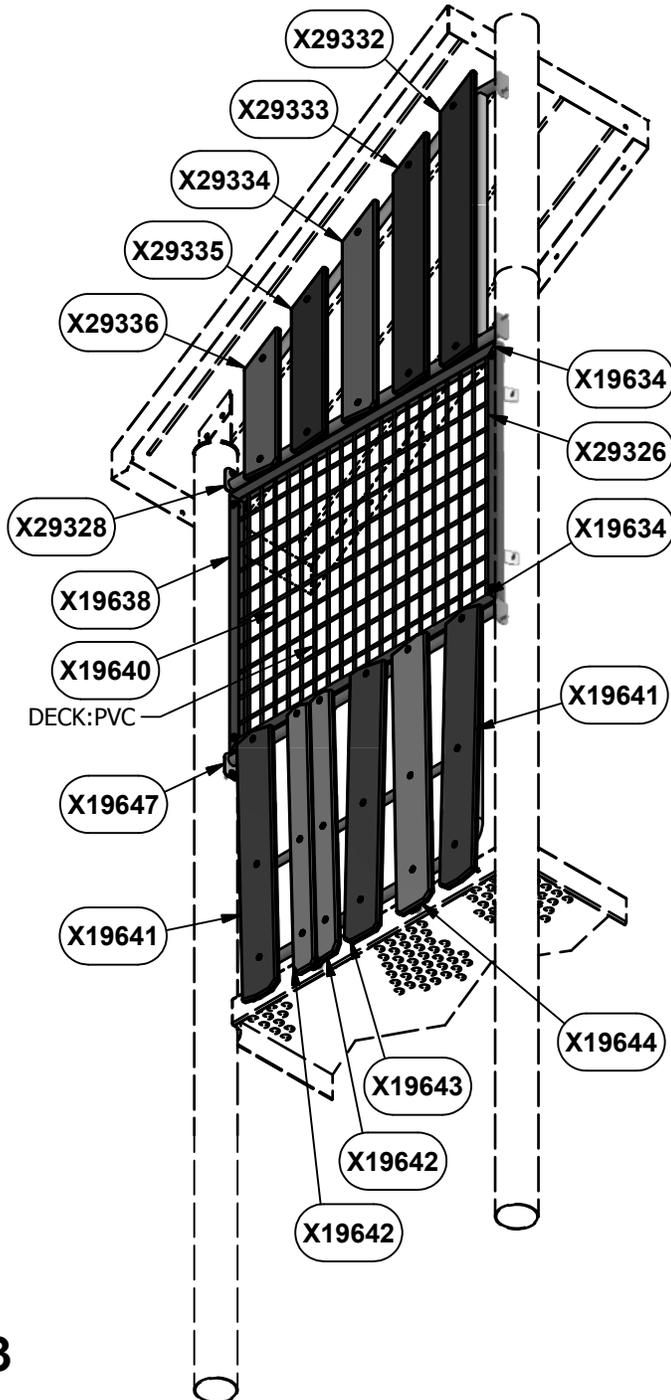
ISSUED/REVISED: 2/24/2022

# 6476RP TIMBER SQUARE TOWER ANGLED ENCLOSURE



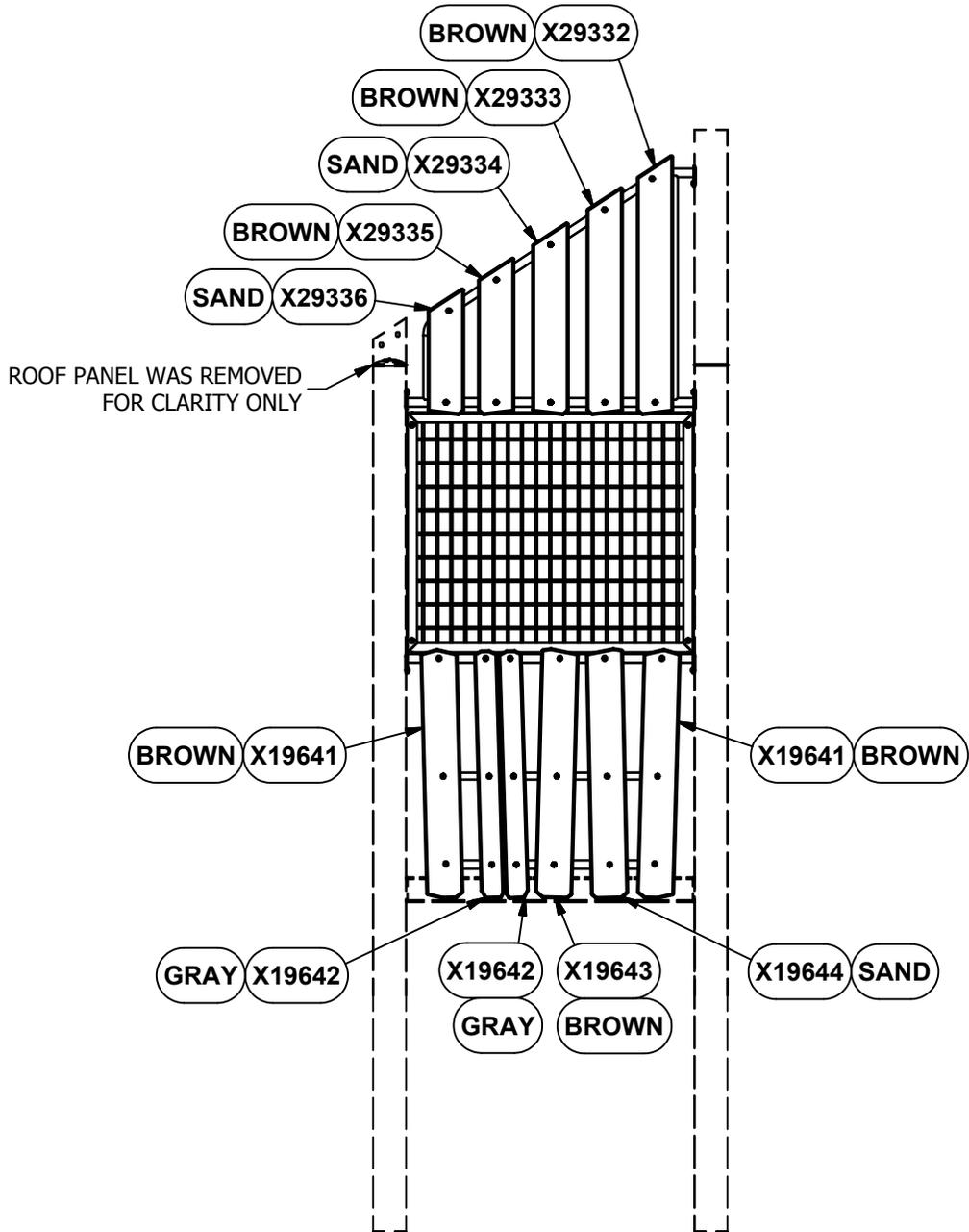
## INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



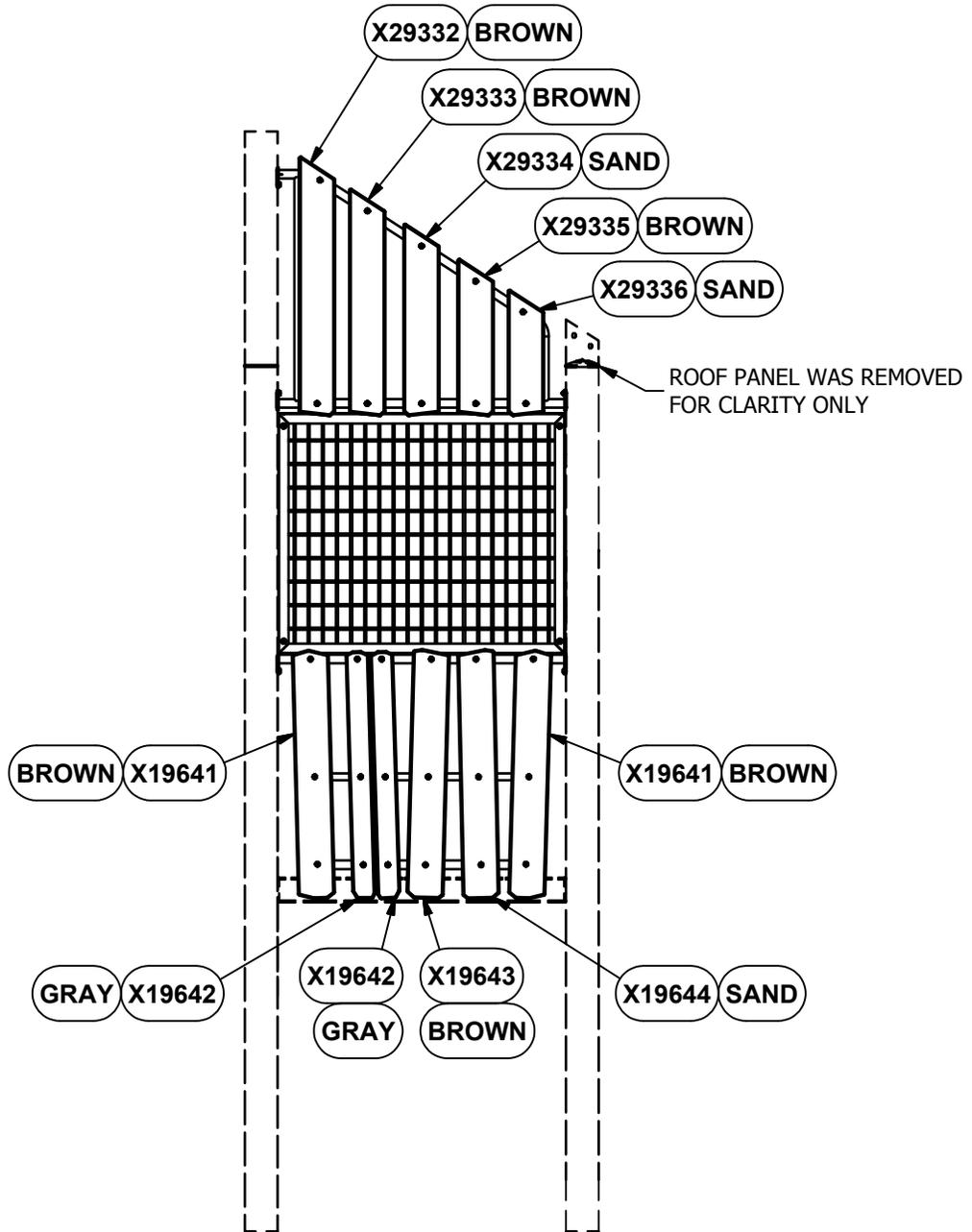
**ASSEMBLY VIEW**

**REFER TO PAGE 2 AND 3  
FOR TIMBER PLANK  
LOCATION AND  
CORRECT ORIENTATION**



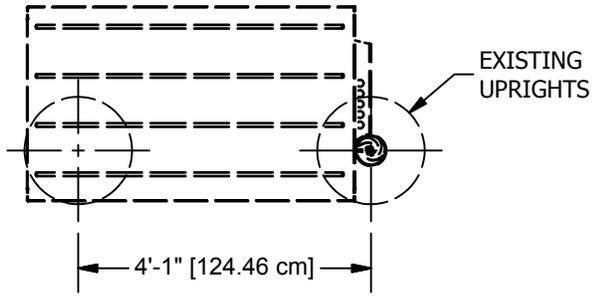
**ASSEMBLY VIEW**  
 TIMBER PLANK LOCATION  
 LEFT ORIENTATION SHOWN

TIMBER PACKAGE X32344		
DESCRIPTION	QTY	PART NUMBER
TIMBER ANGLED PLANK 1	1	X29332**
TIMBER ANGLED PLANK 2	1	X29333**
TIMBER ANGLED PLANK 3	1	X29334**
TIMBER ANGLED PLANK 4	1	X29335**
TIMBER ANGLED PLANK 5	1	X29336**
12 FT. ENCLOSURE PLANK 1	2	X19641**
12 FT. ENCLOSURE PLANK 2	2	X19642**
12 FT. ENCLOSURE PLANK 3	1	X19643**
12 FT. ENCLOSURE PLANK 4	1	X19644**

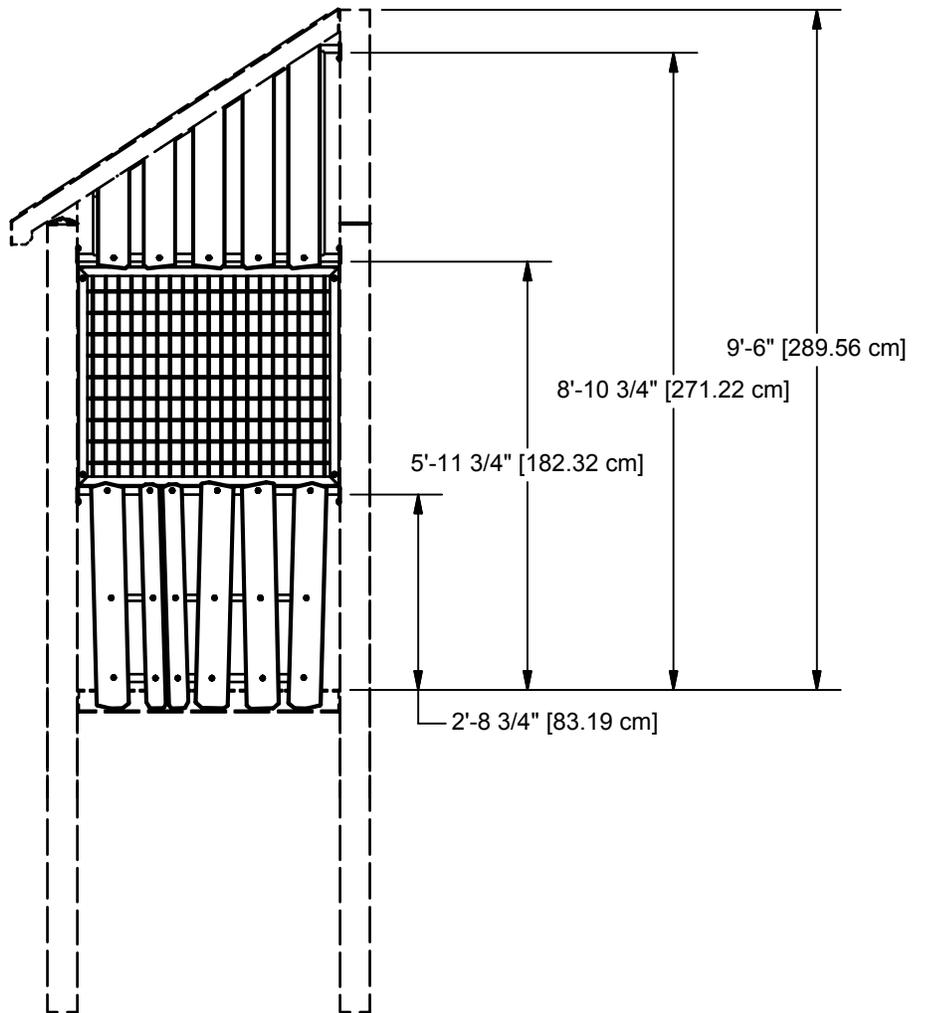
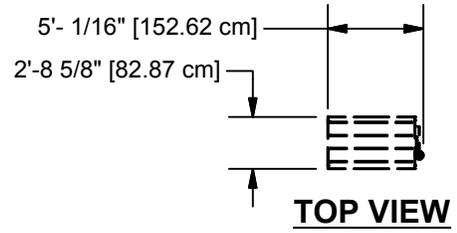


**ASSEMBLY VIEW**  
 TIMBER PLANK LOCATION  
 RIGHT ORIENTATION SHOWN

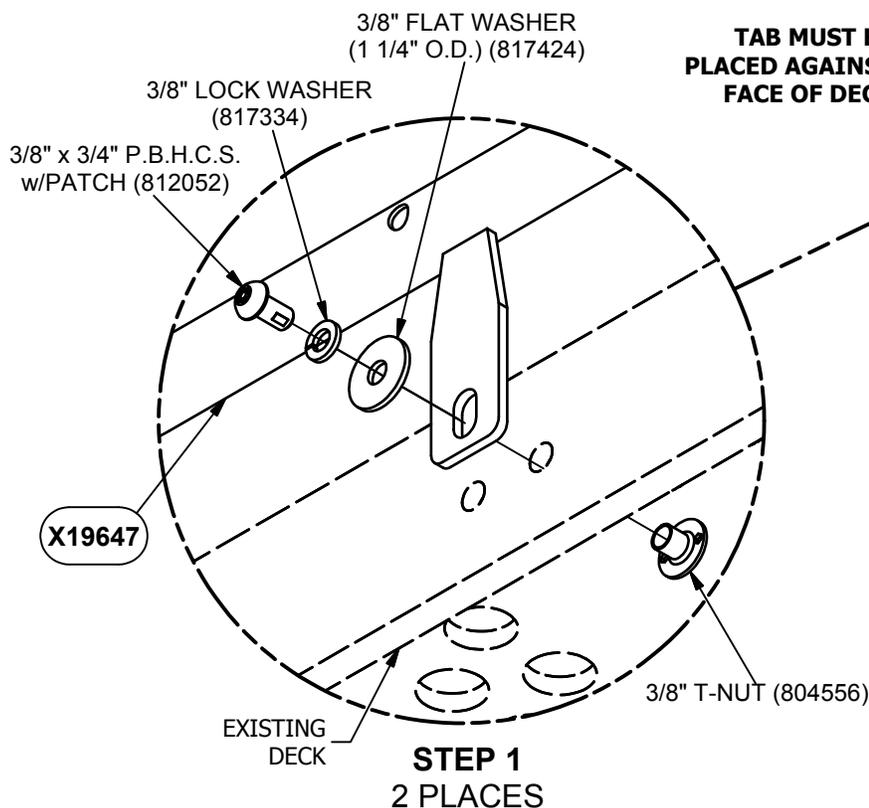
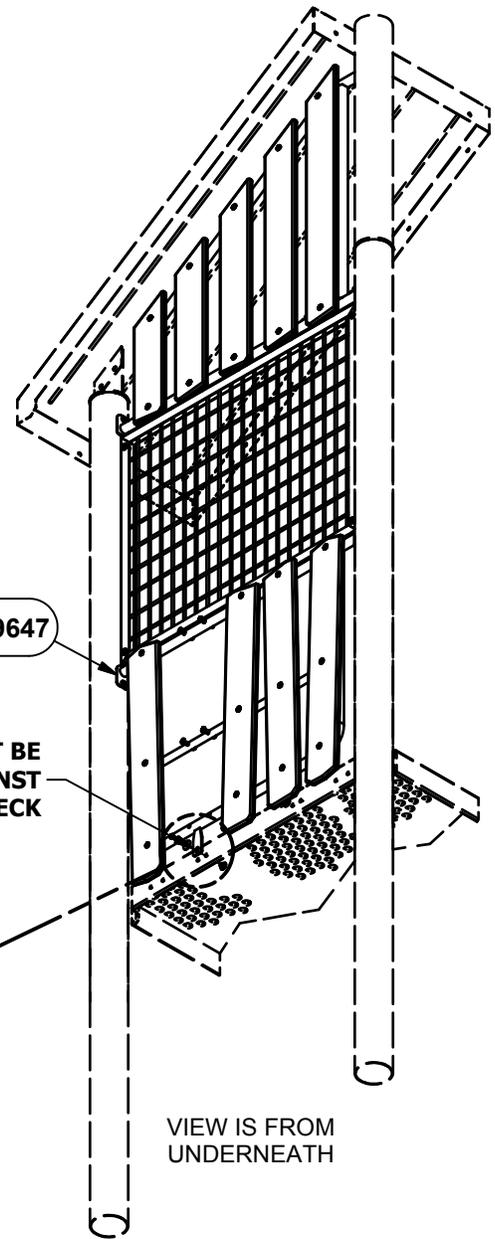
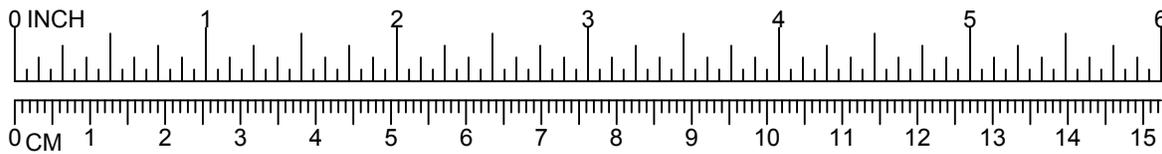
TIMBER PACKAGE X32344		
DESCRIPTION	QTY	PART NUMBER
TIMBER ANGLED PLANK 1	1	X29332**
TIMBER ANGLED PLANK 2	1	X29333**
TIMBER ANGLED PLANK 3	1	X29334**
TIMBER ANGLED PLANK 4	1	X29335**
TIMBER ANGLED PLANK 5	1	X29336**
12 FT. ENCLOSURE PLANK 1	2	X19641**
12 FT. ENCLOSURE PLANK 2	2	X19642**
12 FT. ENCLOSURE PLANK 3	1	X19643**
12 FT. ENCLOSURE PLANK 4	1	X19644**



**PLAN VIEW**



**ELEVATION VIEW**

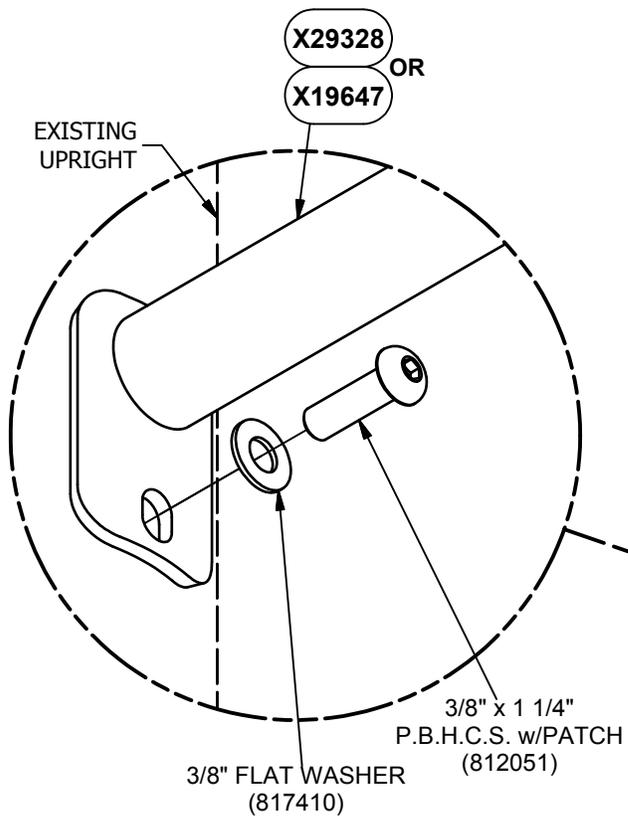
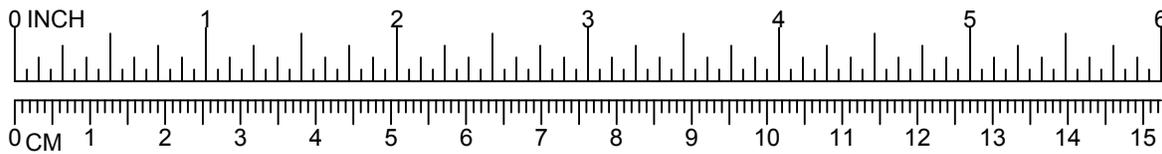


**TAB MUST BE PLACED AGAINST FACE OF DECK**

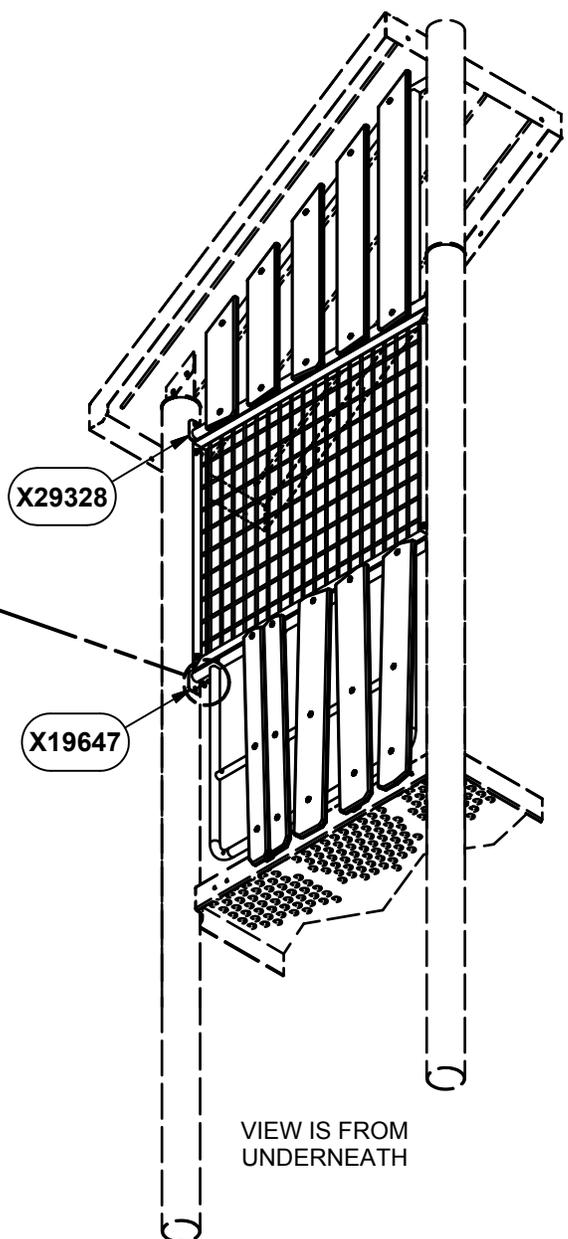
VIEW IS FROM UNDERNEATH

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

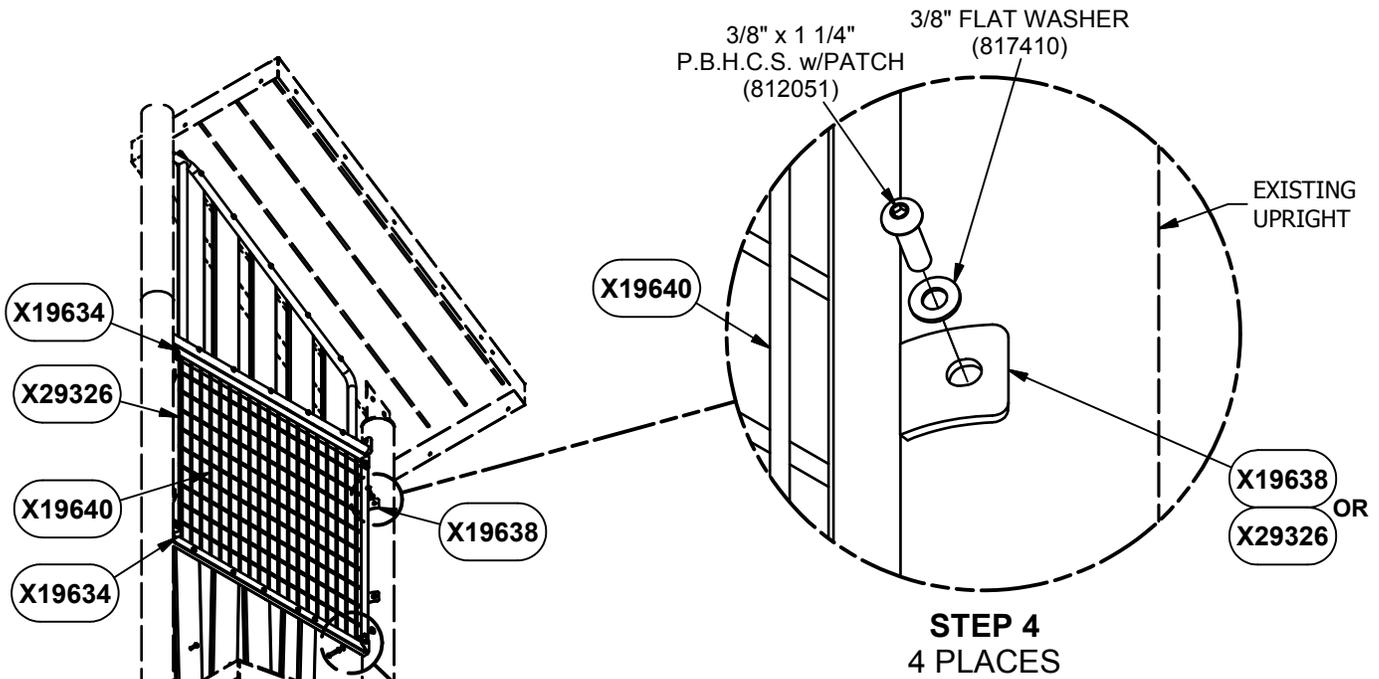
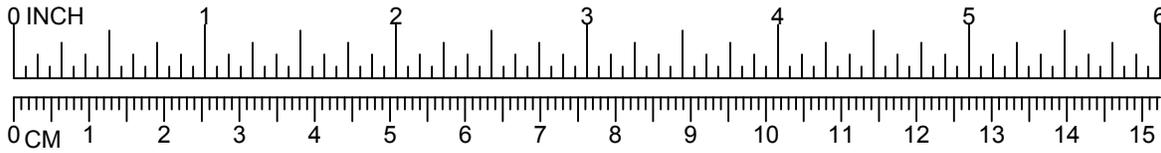
**DETAIL VIEW**



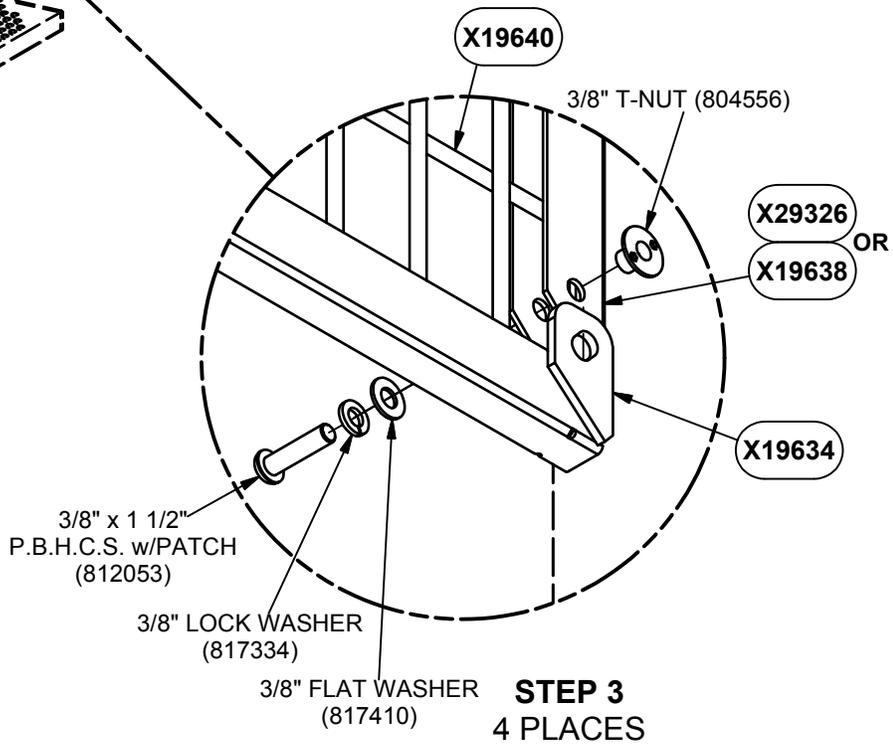
**STEP 2**  
5 PLACES



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

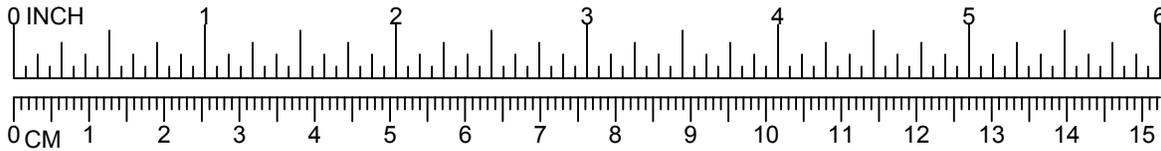


VIEW IS FROM  
UNDERNEATH

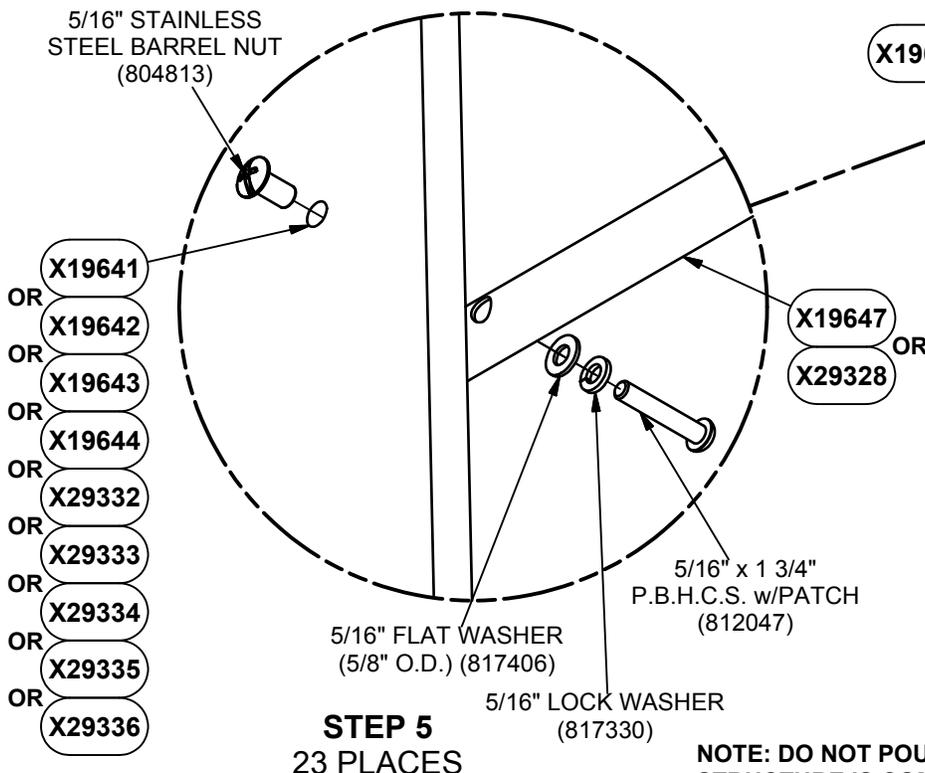
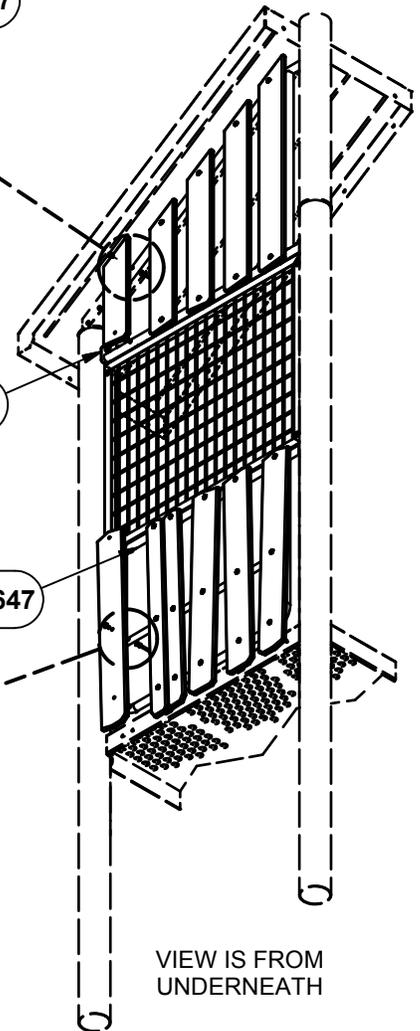
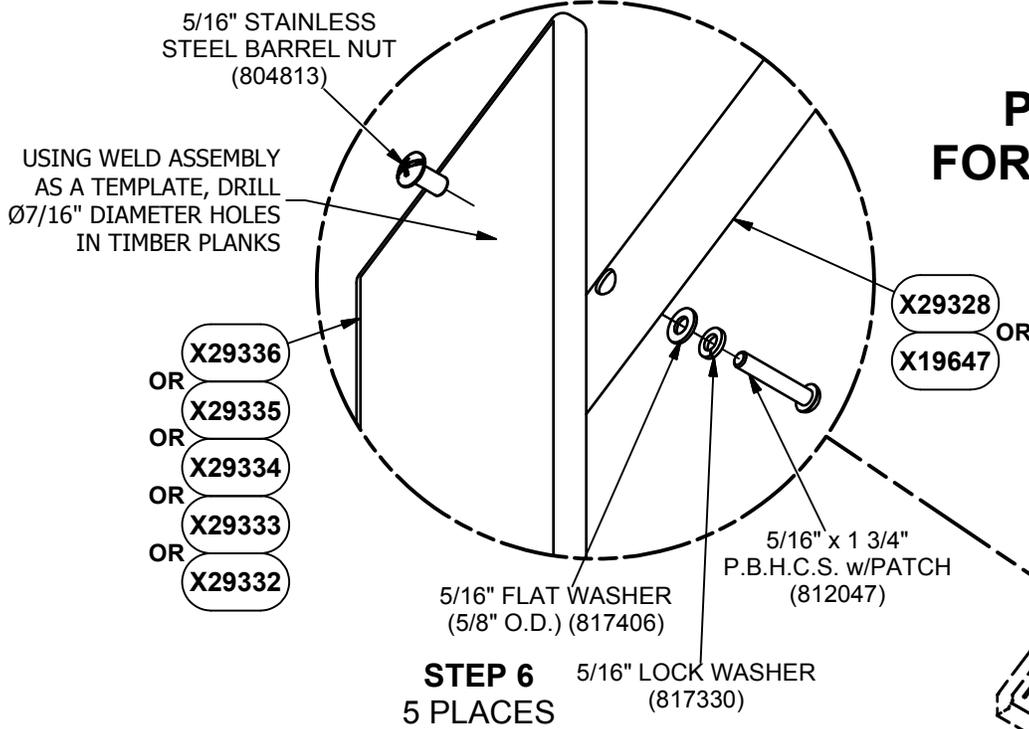


**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



**REFER TO  
PAGE 2 AND 3  
FOR TIMBER PLANK  
LOCATION**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

Parts List		
DESCRIPTION	QTY	PART NUMBER
TIMBER ANGLED ENCLOSURE WELD ASSEMBLY	1	X29328
12 FT. ENCLOSURE WELD ASSEMBLY	1	X19647
SIDE CHANNEL WELD ASSEMBLY	1	X19638
SIDE CHANNEL WELD ASSEMBLY	1	X29326
TOP CHANNEL WELD ASSEMBLY	2	X19634
WIRE WINDOW	1	X19640
<b>TIMBER PACKAGE</b>	1	X32344
TIMBER ANGLED PLANK 1	1	X29332**
TIMBER ANGLED PLANK 2	1	X29333**
TIMBER ANGLED PLANK 3	1	X29334**
TIMBER ANGLED PLANK 4	1	X29335**
TIMBER ANGLED PLANK 5	1	X29336**
12 FT. ENCLOSURE PLANK 1	2	X19641**
12 FT. ENCLOSURE PLANK 2	2	X19642**
12 FT. ENCLOSURE PLANK 3	1	X19643**
12 FT. ENCLOSURE PLANK 4	1	X19644**
<b>HARDWARE COMPLETE</b>	1	6476HW
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	28	812047*
5/16" FLAT WASHER (5/8" O.D.)	28	817406*
5/16" LOCK WASHER	28	817330*
5/16" STAINLESS STEEL BARREL NUT	28	804813*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	9	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	812053*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" FLAT WASHER	13	817410*
3/8" LOCK WASHER	6	817334*
3/8" T-NUT	6	804556*

*Unless Otherwise Specified, All Units of Measure are Each*

*\* Included in Hardware*

*\*\* Included in Timber Package*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

### **MAINTENANCE PROCEDURE:**

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

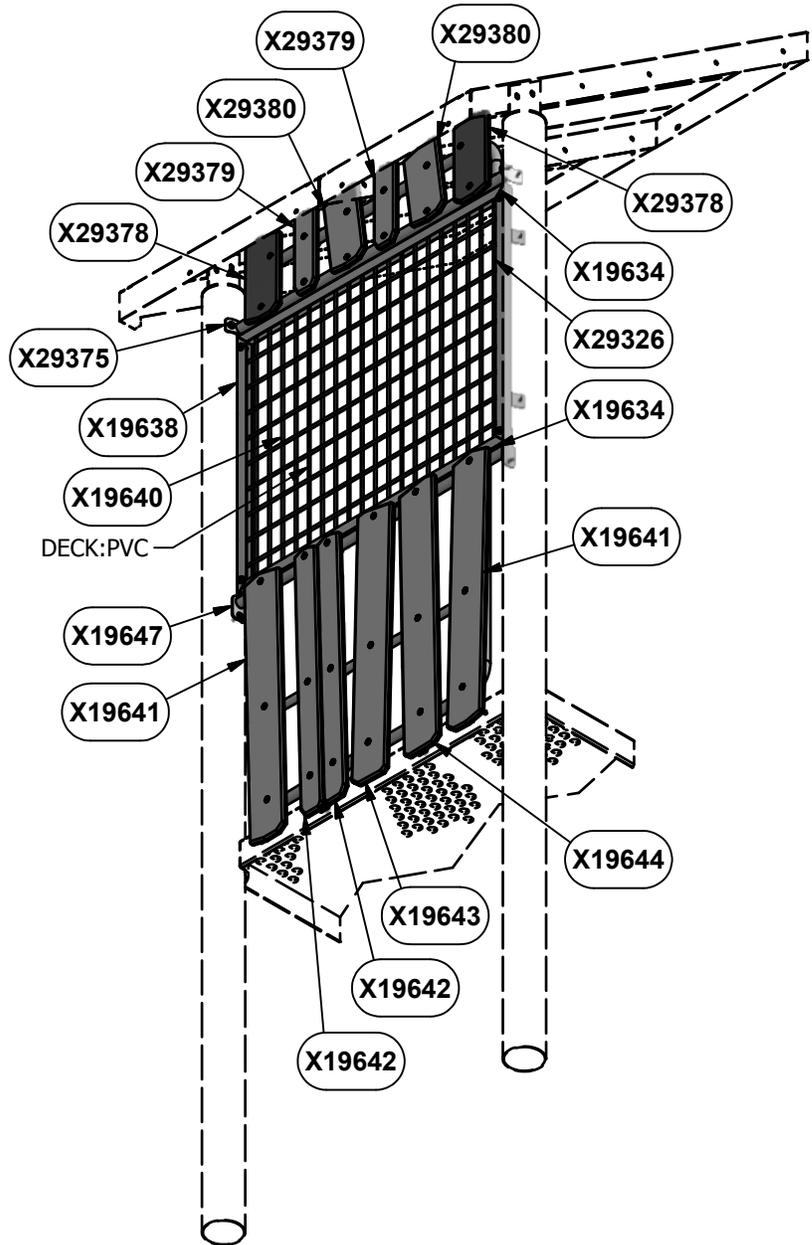
ISSUED/REVISED: 2/25/2022

# 6477RP TIMBER SQUARE TOWER ENCLOSURE



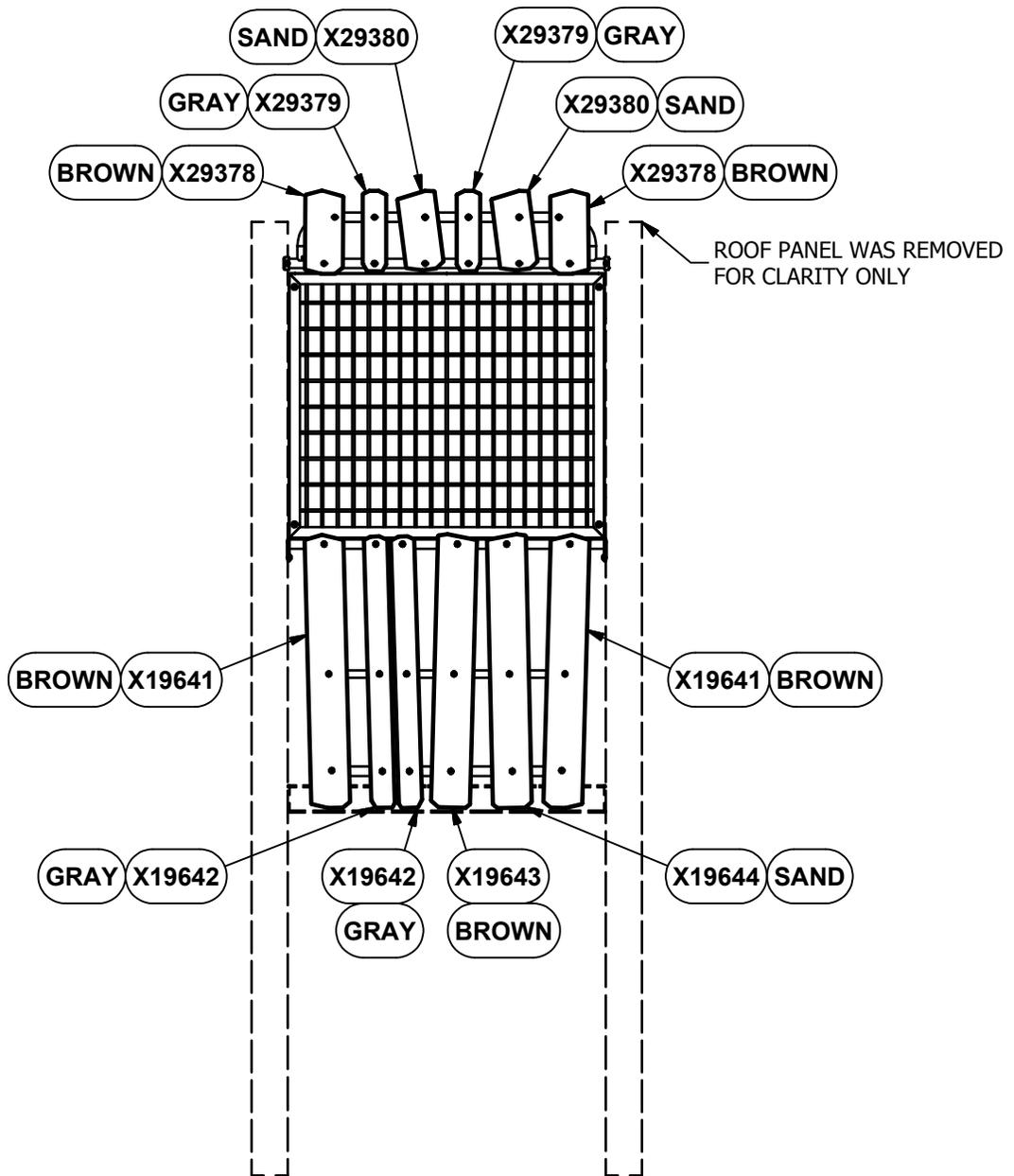
## INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



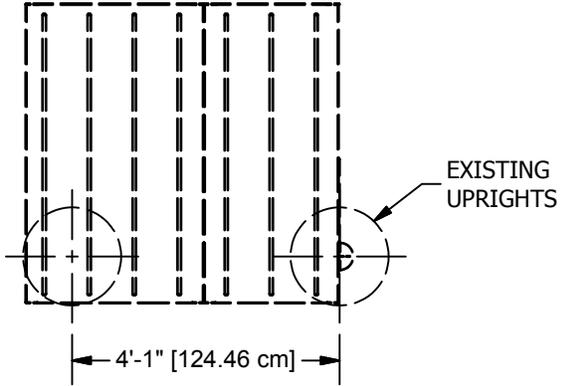
ASSEMBLY VIEW

**REFER TO PAGE 2  
FOR TIMBER PLANK  
LOCATION**

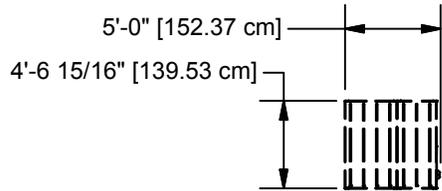


**ASSEMBLY VIEW**  
TIMBER PLANK LOCATION

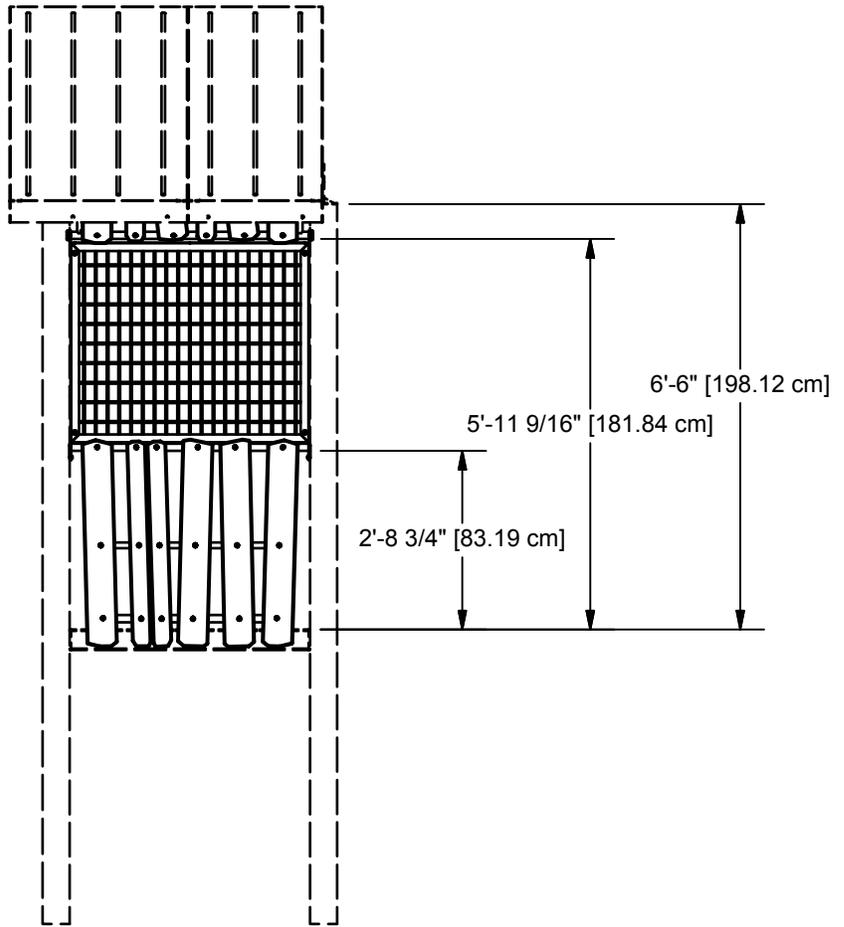
TIMBER PACKAGE X32345		
DESCRIPTION	QTY	PART NUMBER
TIMBER UPPER PLANK 1	2	X29378**
TIMBER UPPER PLANK 2	2	X29379**
TIMBER UPPER PLANK 3	2	X29380**
12 FT. ENCLOSURE PLANK 1	2	X19641**
12 FT. ENCLOSURE PLANK 2	2	X19642**
12 FT. ENCLOSURE PLANK 3	1	X19643**
12 FT. ENCLOSURE PLANK 4	1	X19644**



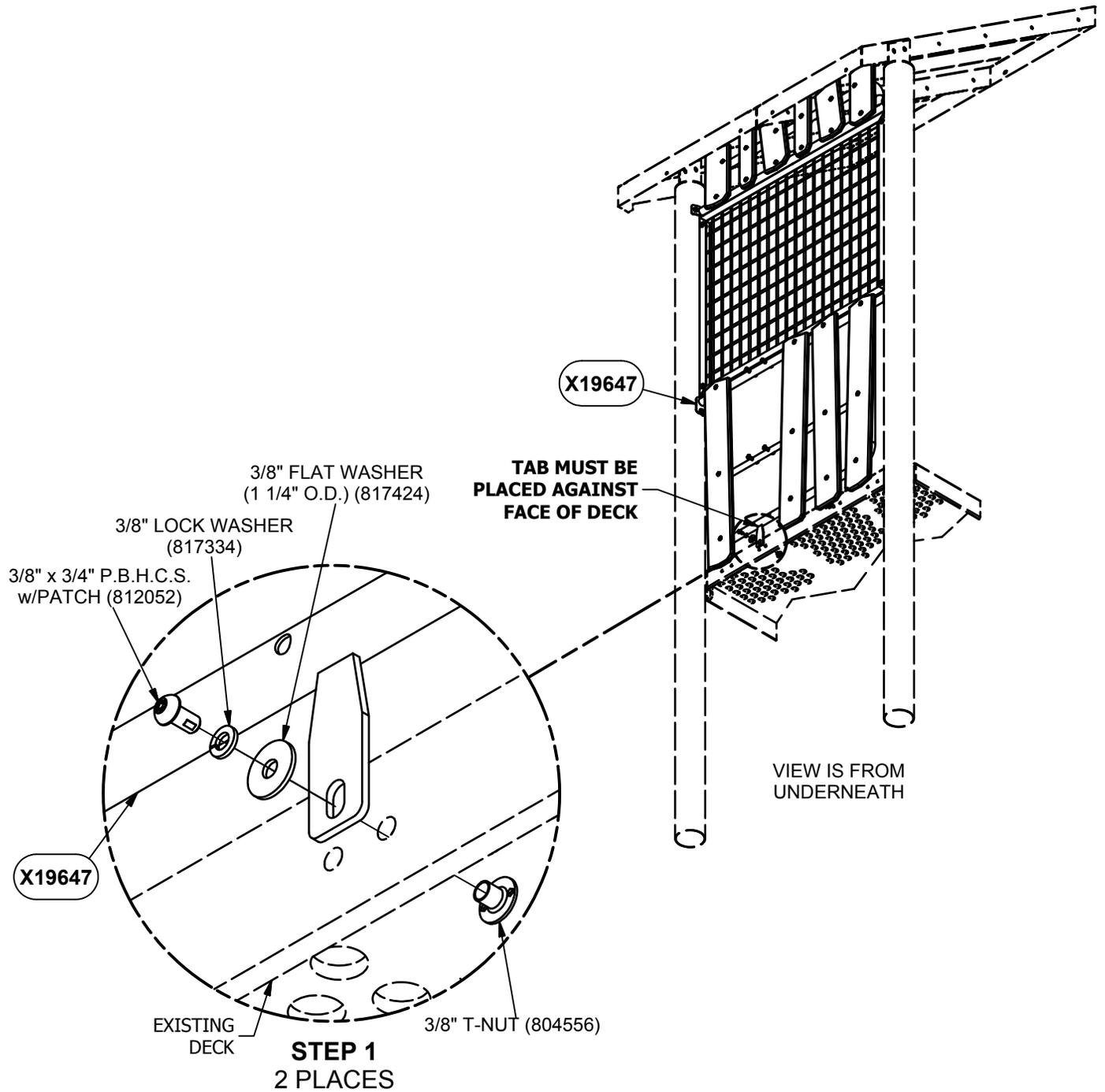
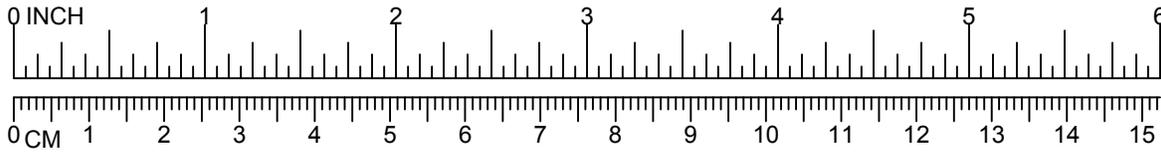
**PLAN VIEW**



**TOP VIEW**



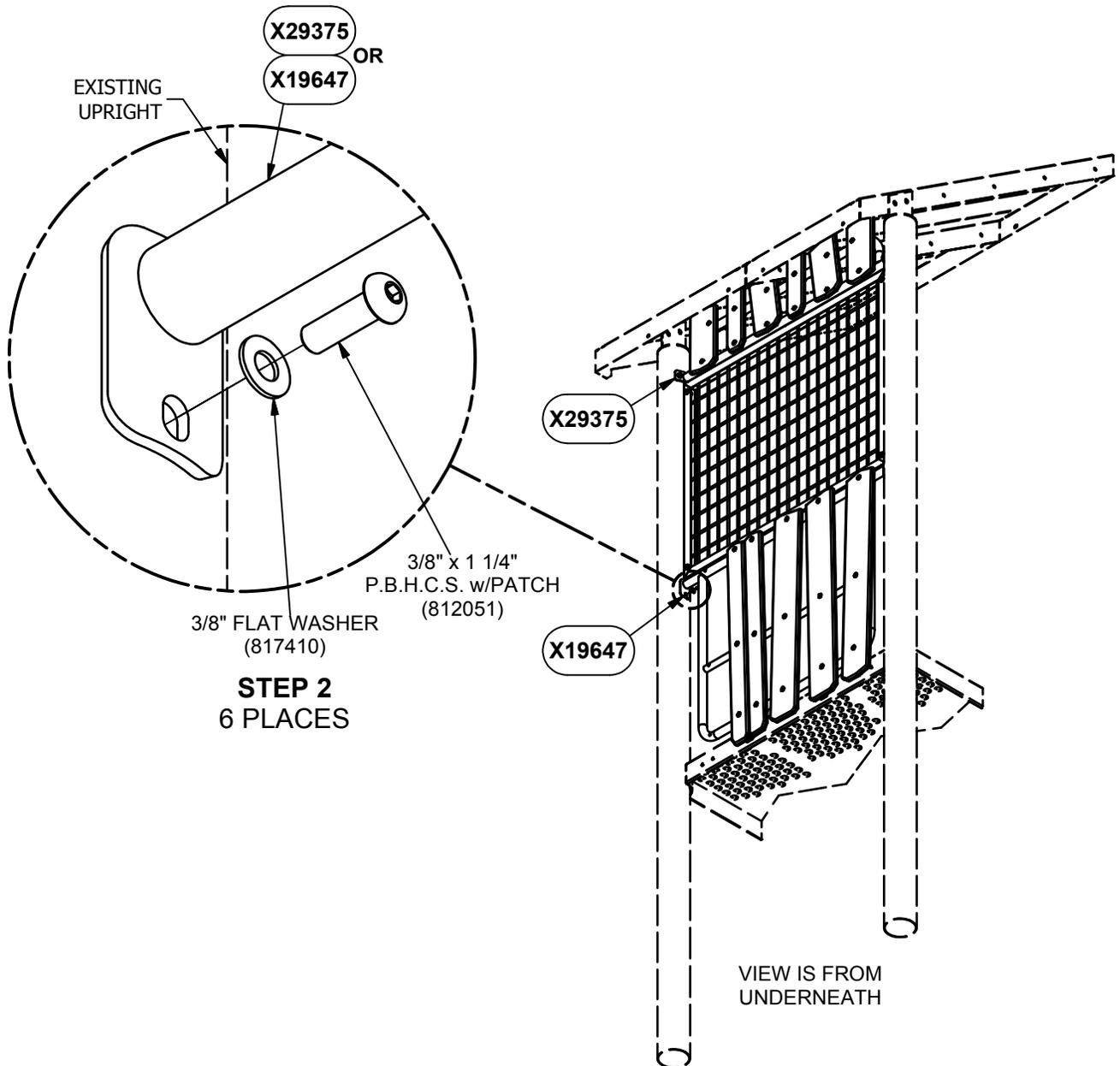
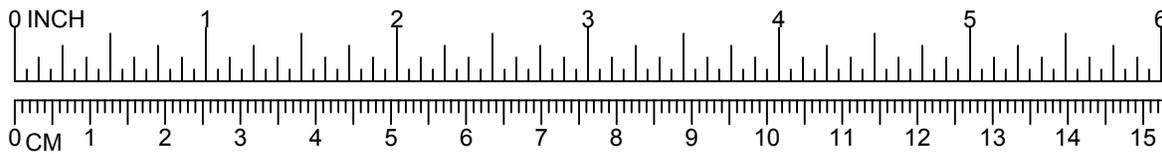
**ELEVATION VIEW**



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

**DETAIL VIEW**

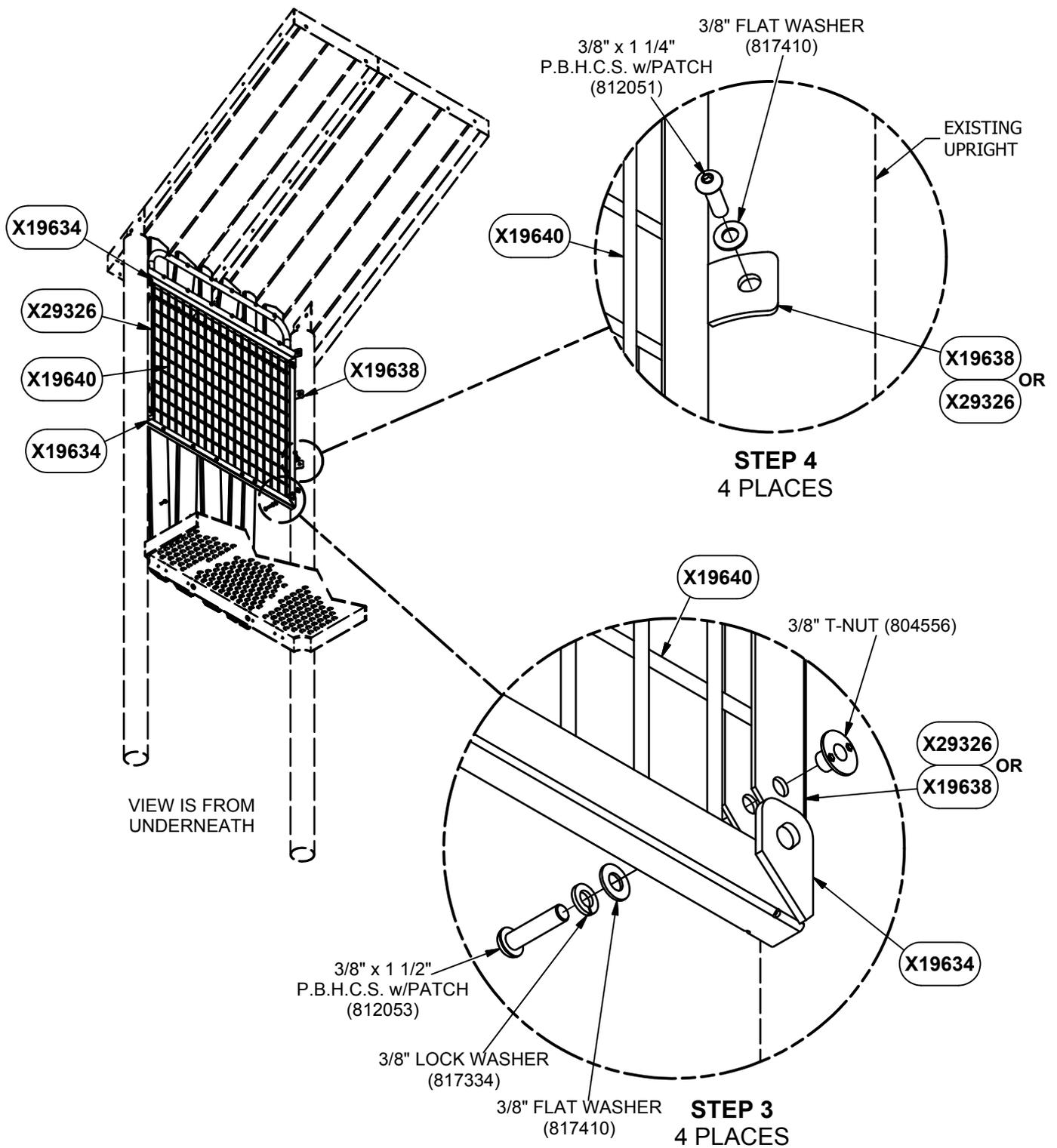
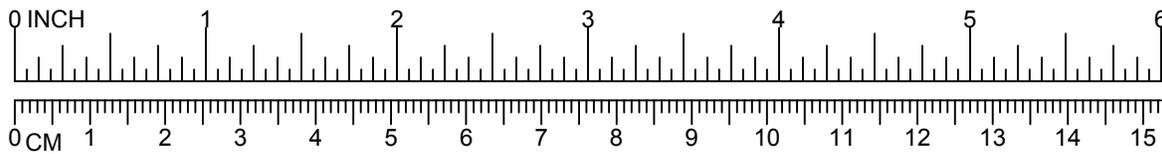
PAGE 4



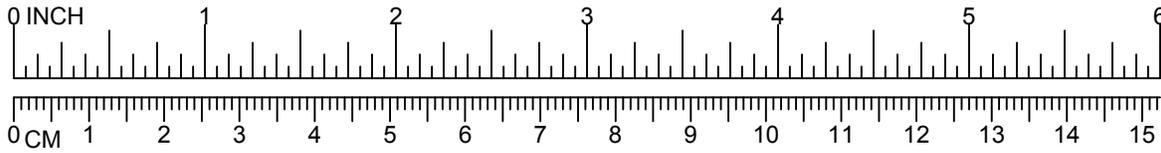
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

**DETAIL VIEW**

PAGE 5



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



5/16" STAINLESS  
STEEL BARREL NUT  
(804813)

X29375  
OR  
X19647

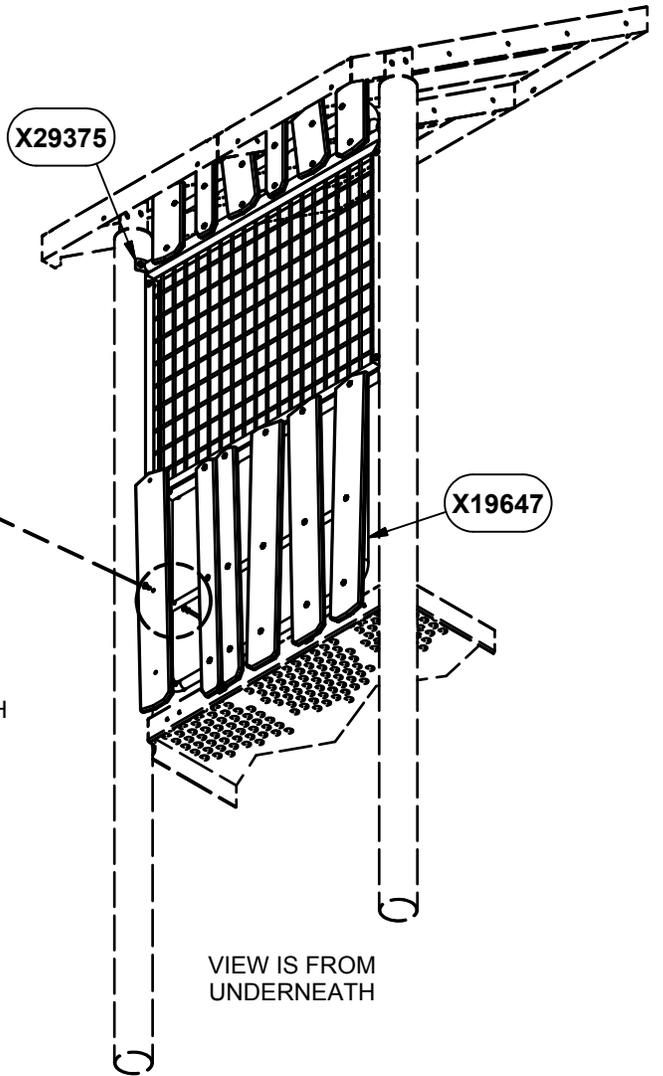
- X19641
- OR
- X19642
- OR
- X19643
- OR
- X19644
- OR
- X29378
- OR
- X29379
- OR
- X29380

5/16" x 1 3/4"  
P.B.H.C.S. w/PATCH  
(812047)

5/16" FLAT WASHER  
(5/8" O.D.) (817406)

5/16" LOCK WASHER  
(817330)

**STEP 5**  
30 PLACES



**REFER TO PAGE 2  
FOR TIMBER PLANK  
LOCATION**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

Parts List		
DESCRIPTION	QTY	PART NUMBER
TIMBER UPPER ENCLOSURE WELD ASSEMBLY	1	X29375
12 FT. ENCLOSURE WELD ASSEMBLY	1	X19647
SIDE CHANNEL WELD ASSEMBLY	1	X19638
SIDE CHANNEL WELD ASSEMBLY	1	X29326
TOP CHANNEL WELD ASSEMBLY	2	X19634
WIRE WINDOW	1	X19640
<b>TIMBER PACKAGE</b>	1	X32345
TIMBER UPPER PLANK 1	2	X29378**
TIMBER UPPER PLANK 2	2	X29379**
TIMBER UPPER PLANK 3	2	X29380**
12 FT. ENCLOSURE PLANK 1	2	X19641**
12 FT. ENCLOSURE PLANK 2	2	X19642**
12 FT. ENCLOSURE PLANK 3	1	X19643**
12 FT. ENCLOSURE PLANK 4	1	X19644**
<b>HARDWARE COMPLETE</b>	1	6477HW
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	30	812047*
5/16" FLAT WASHER (5/8" O.D.)	30	817406*
5/16" LOCK WASHER	30	817330*
5/16" STAINLESS STEEL BARREL NUT	30	804813*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	10	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	812053*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" FLAT WASHER	14	817410*
3/8" LOCK WASHER	6	817334*
3/8" T-NUT	6	804556*

*Unless Otherwise Specified, All Units of Measure are Each*

*\* Included in Hardware*

*\*\* Included in Timber Package*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

### **MAINTENANCE PROCEDURE:**

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6903RP

## LANDMARK DESIGN

A **PLAYCORE** Company

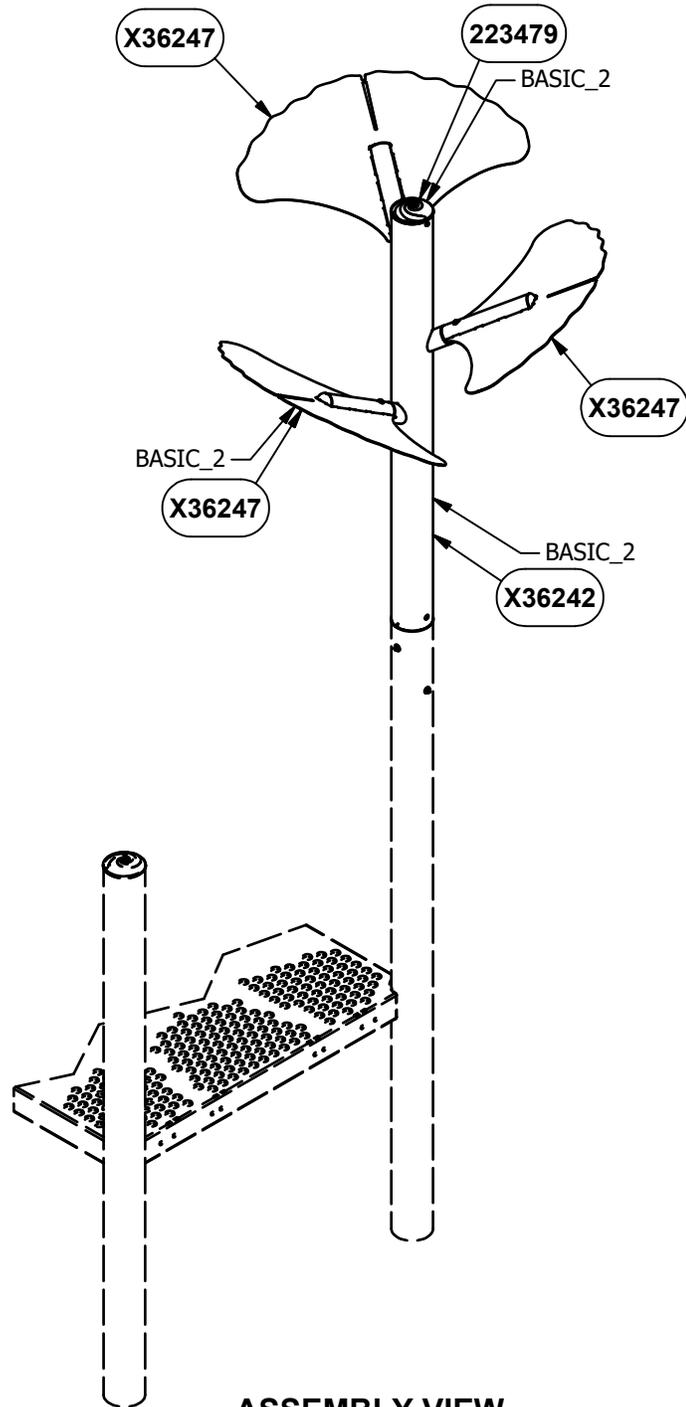
1-800-235-2440

ISSUED/REVISED: 10/20/2023

# GINKGO LEAF TOPPER



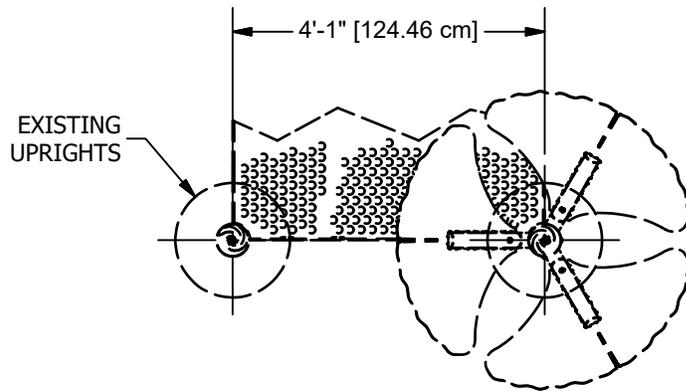
ALL  
DECK HEIGHTS



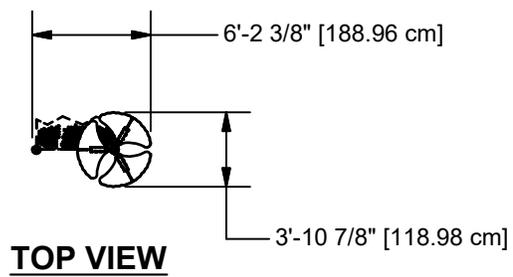
**ASSEMBLY VIEW**

### INSTALLATION INSTRUCTIONS

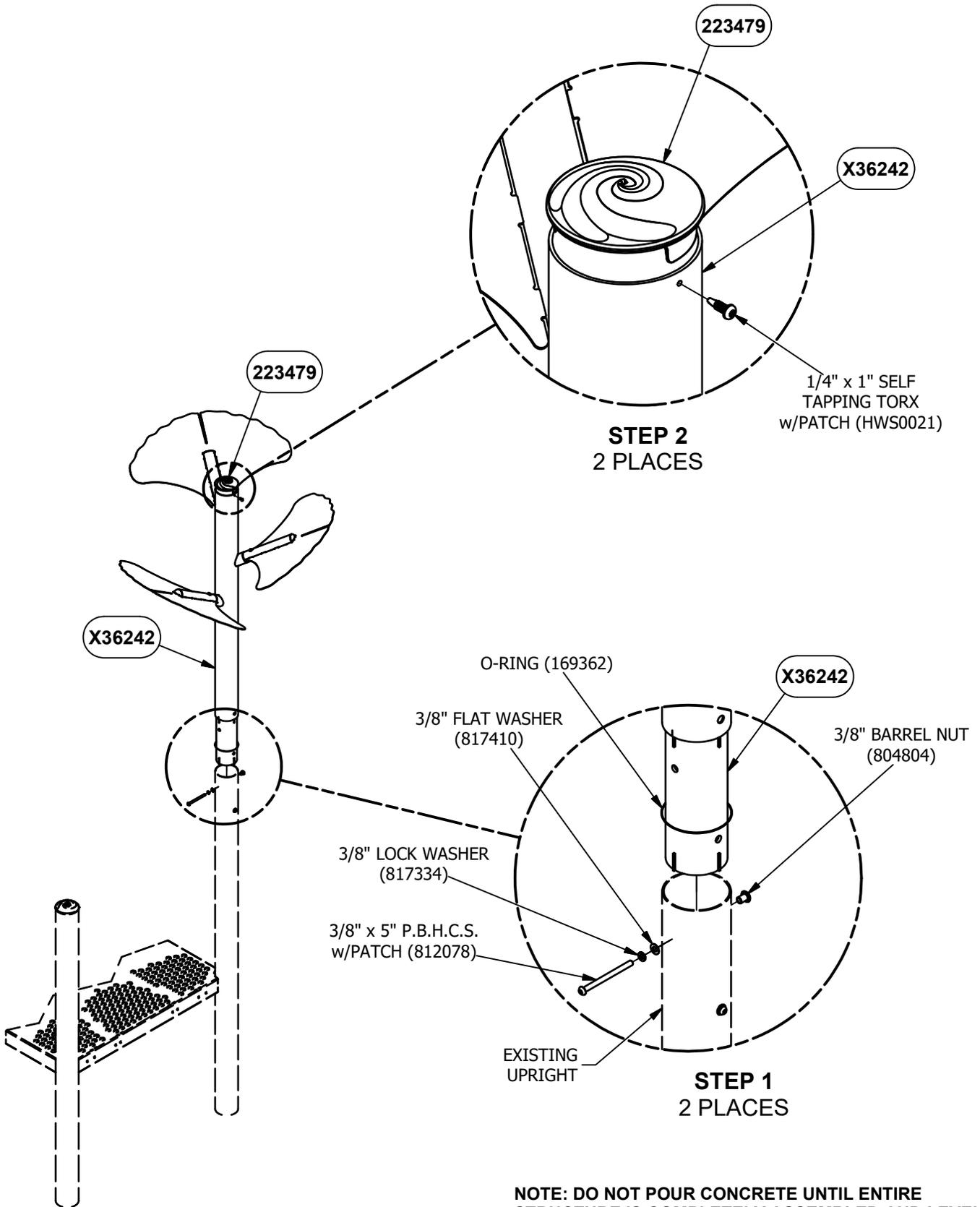
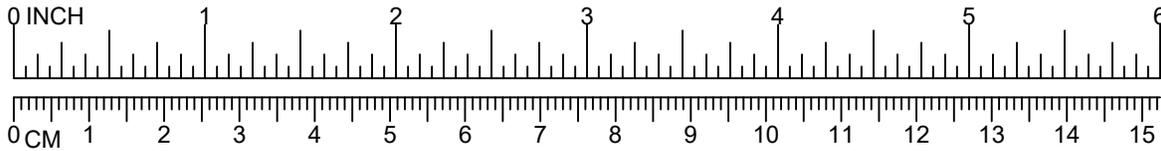
1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
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3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



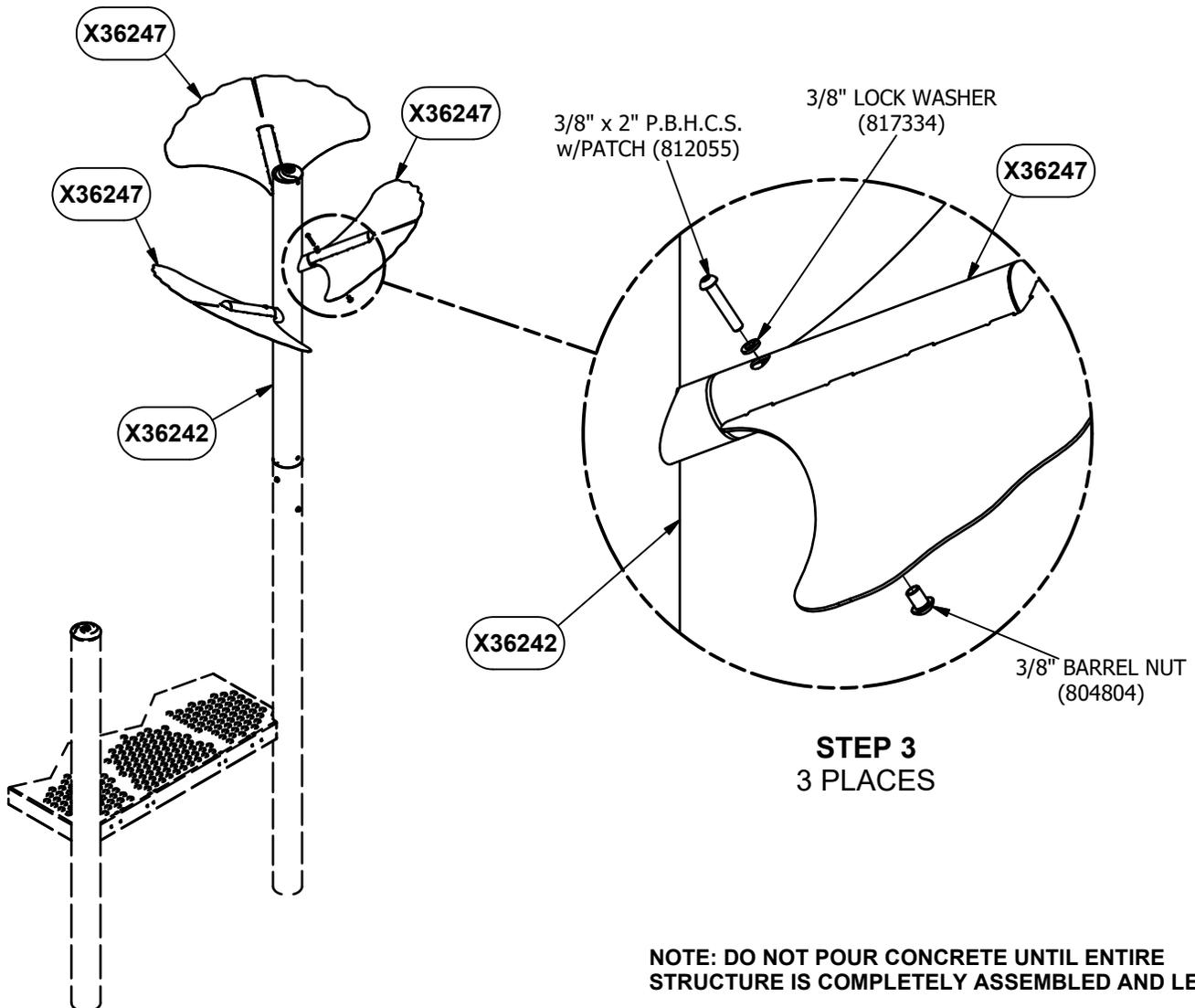
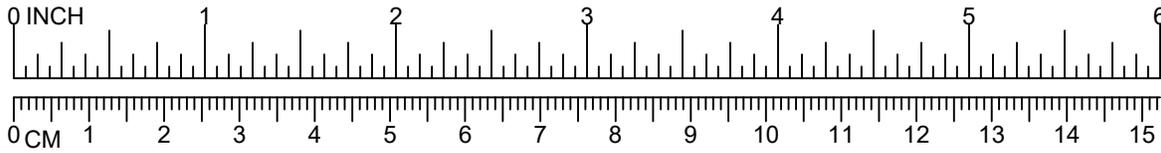
**PLAN VIEW**



**TOP VIEW**



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



Parts List		
DESCRIPTION	QTY	PART NUMBER
TOPPER EXTENSION WELD ASSEMBLY	1	X36242
LEAF TOPPER WELD ASSEMBLY	3	X36247
SWIRL CAP	1	223479
<b>HARDWARE COMPLETE</b>	1	6903HW
1/4" x 1" SELF TAPPING TORX w/PATCH	2	HWS0021*
3/8" x 2" P.B.H.C.S. w/PATCH	3	812055*
3/8" x 5" P.B.H.C.S. w/PATCH	2	812078*
3/8" FLAT WASHER	2	817410*
3/8" LOCK WASHER	5	817334*
3/8" BARREL NUT	5	804804*
O-RING	1	169362*

*Unless Otherwise Specified, All Units of Measure are Each  
\* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

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6910RP

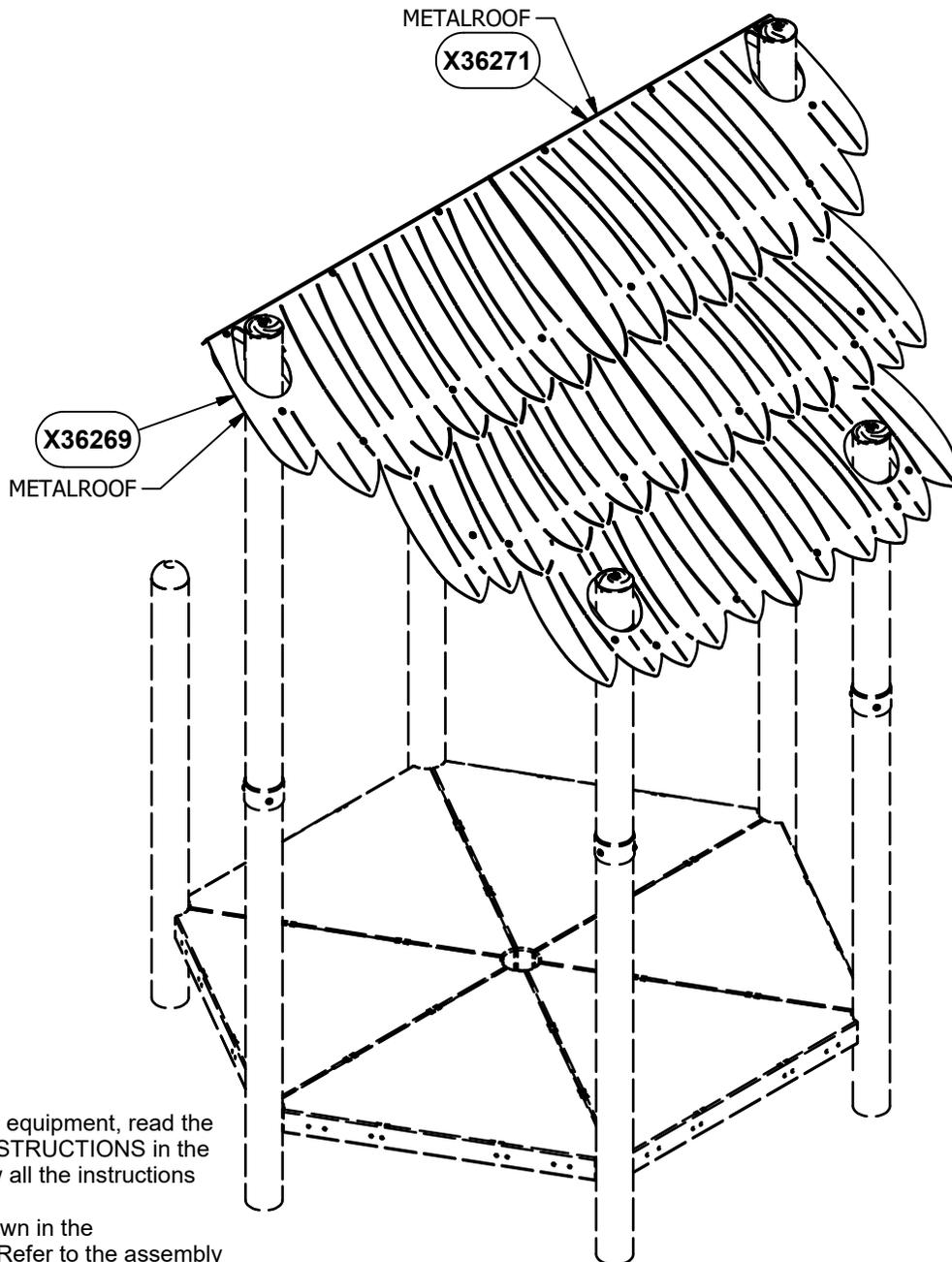
LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 8/29/2023

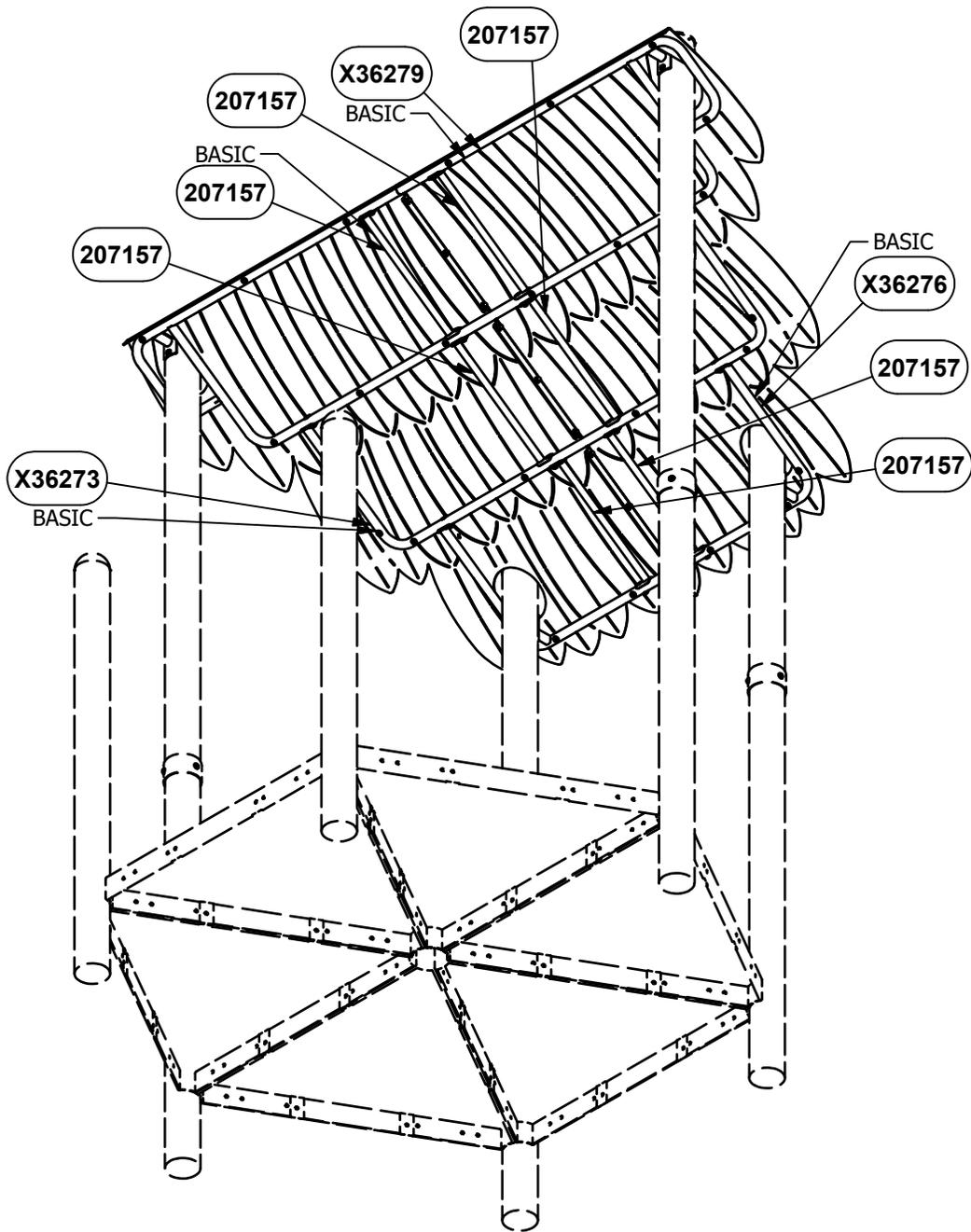
LEAF  
ROOF



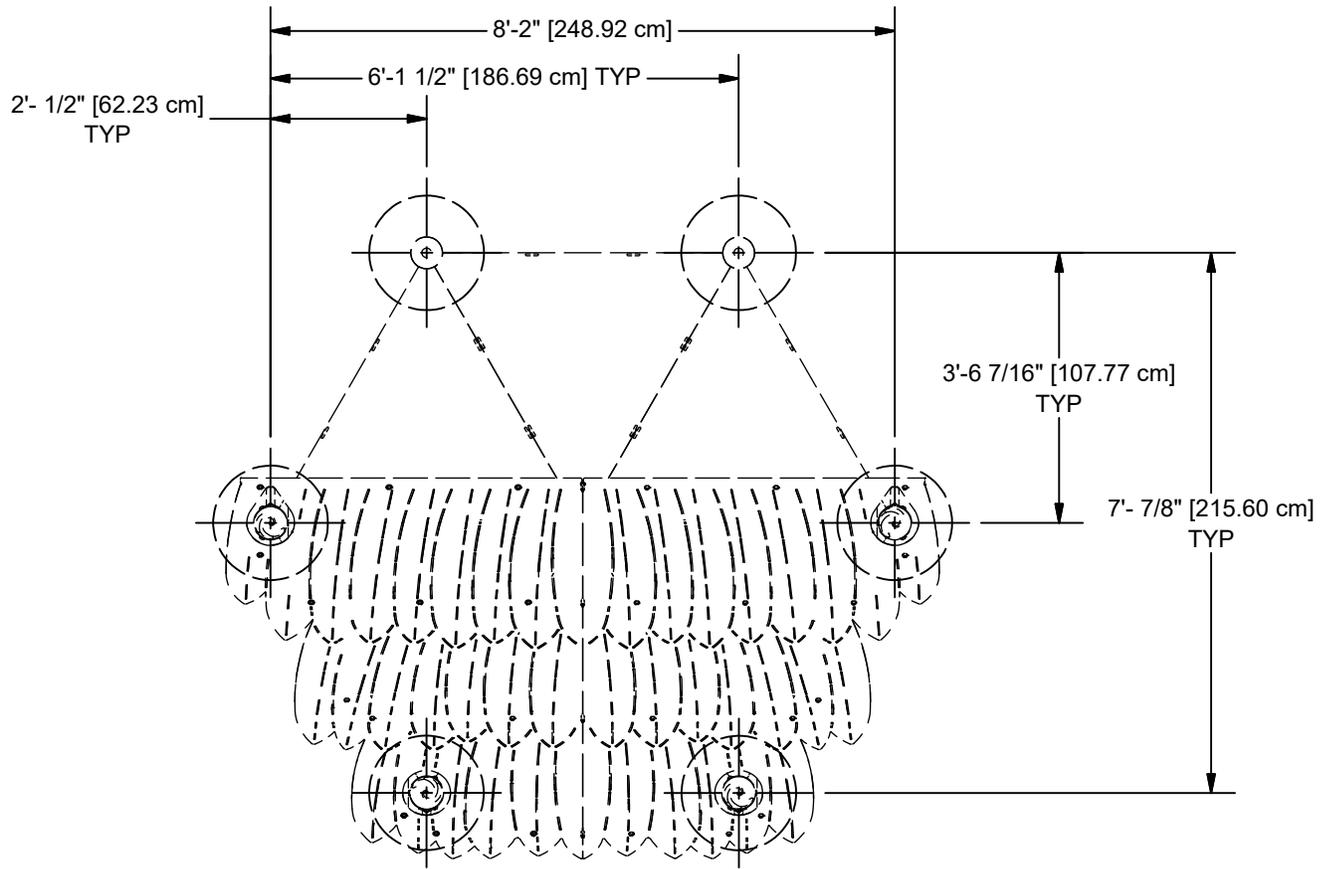
### INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

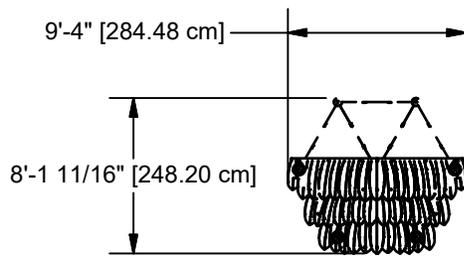
### ASSEMBLY VIEW



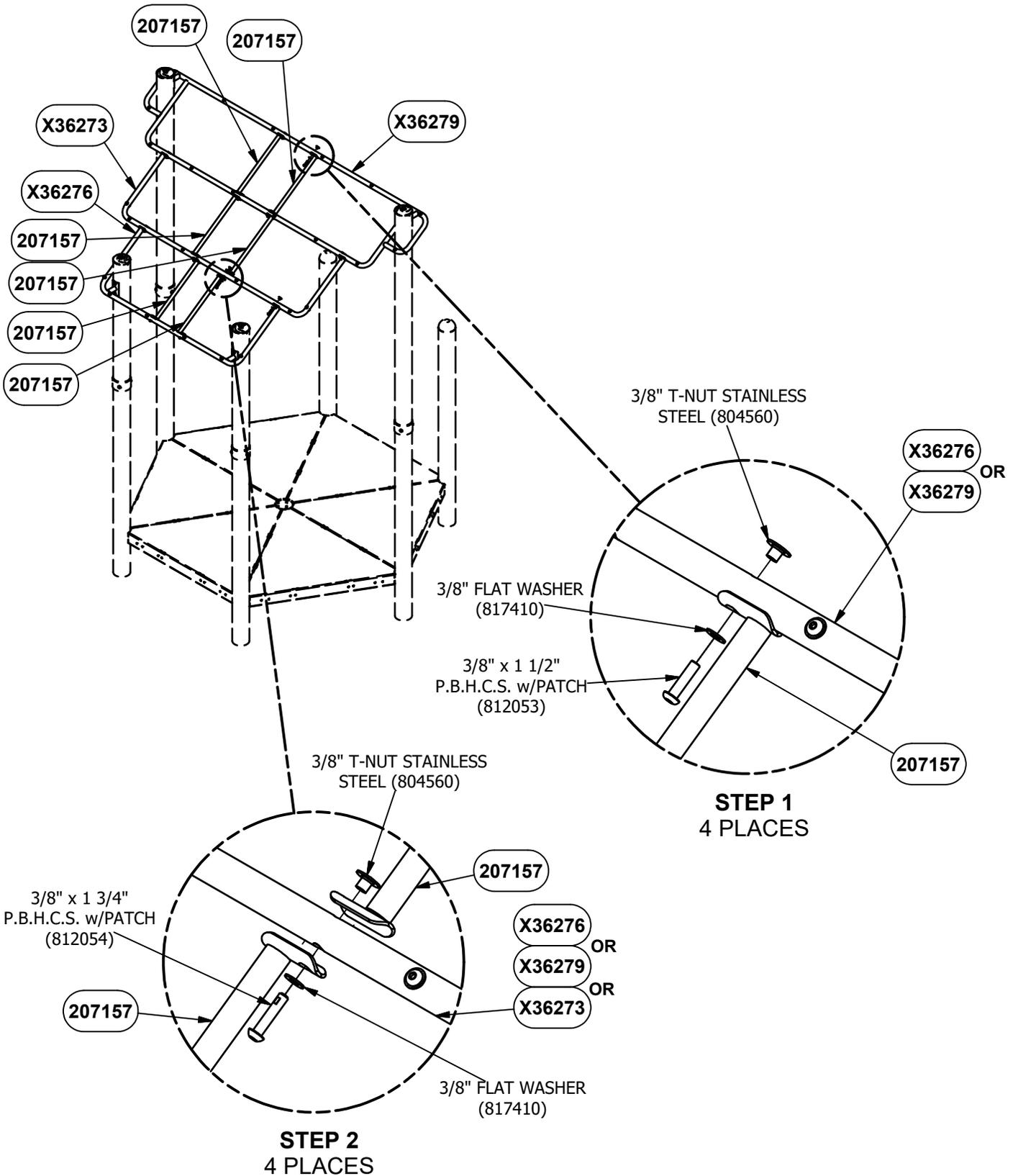
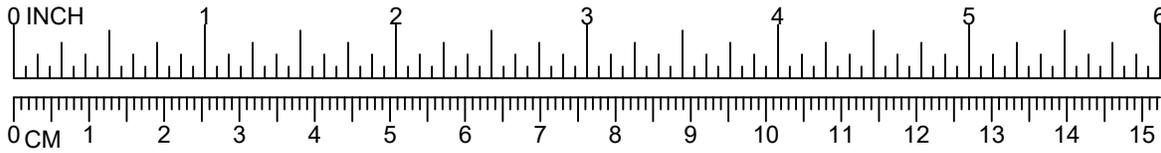
**ASSEMBLY VIEW**  
VIEW FROM UNDERNEATH



**PLAN VIEW**

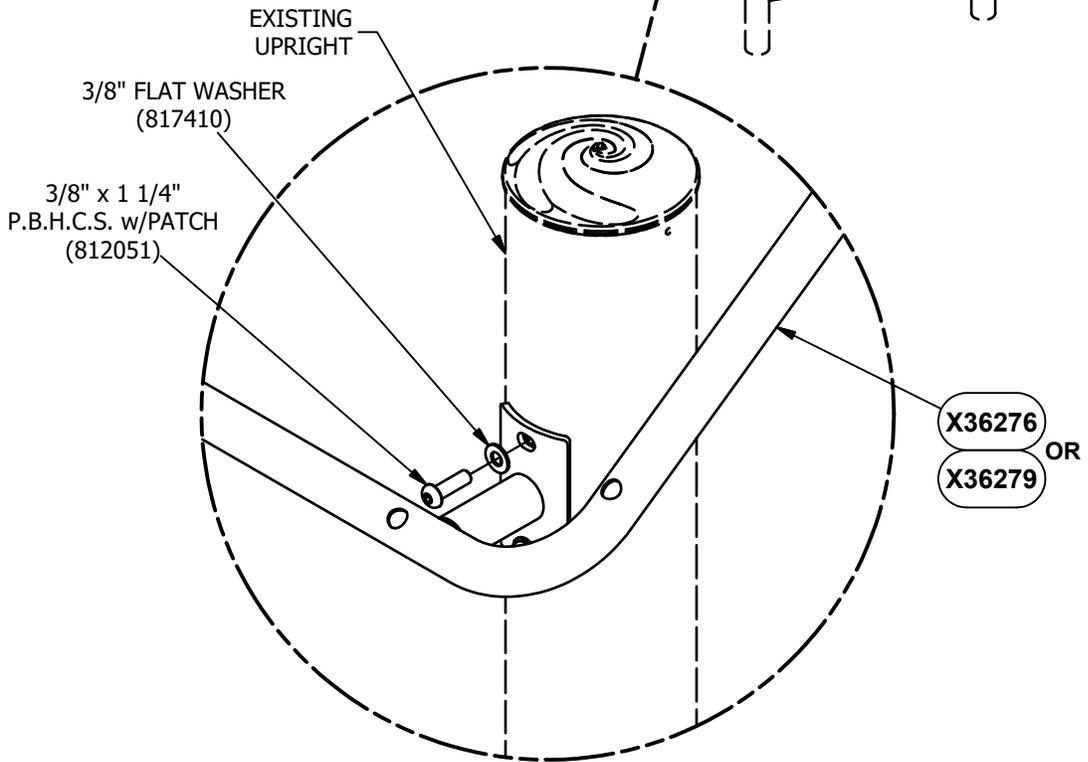
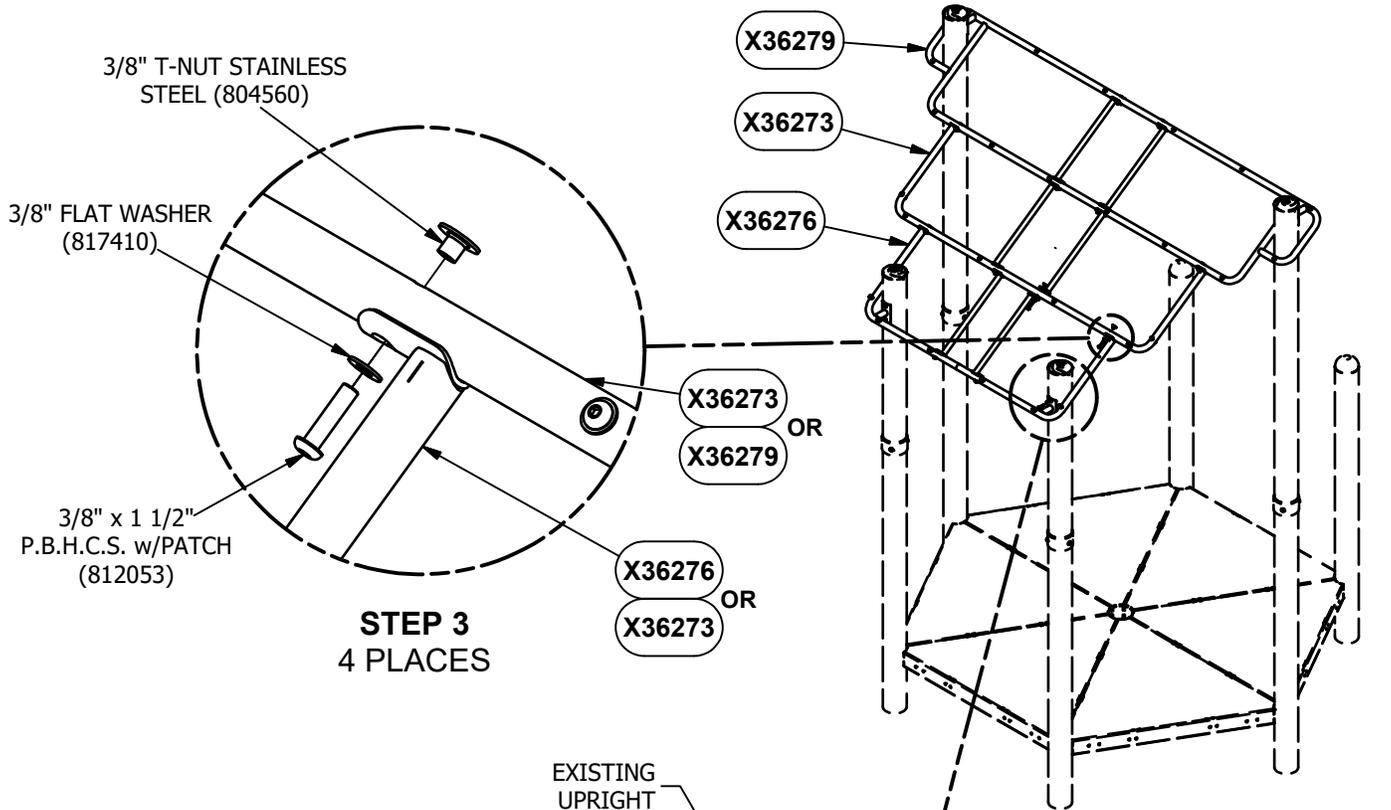
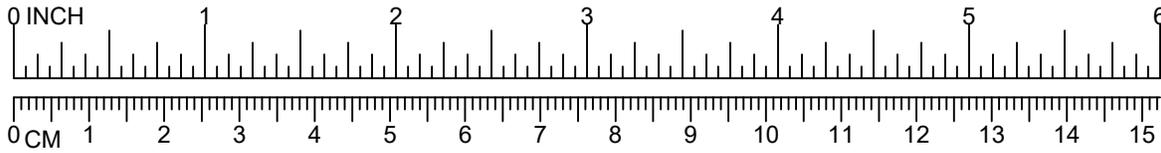


**TOP VIEW**



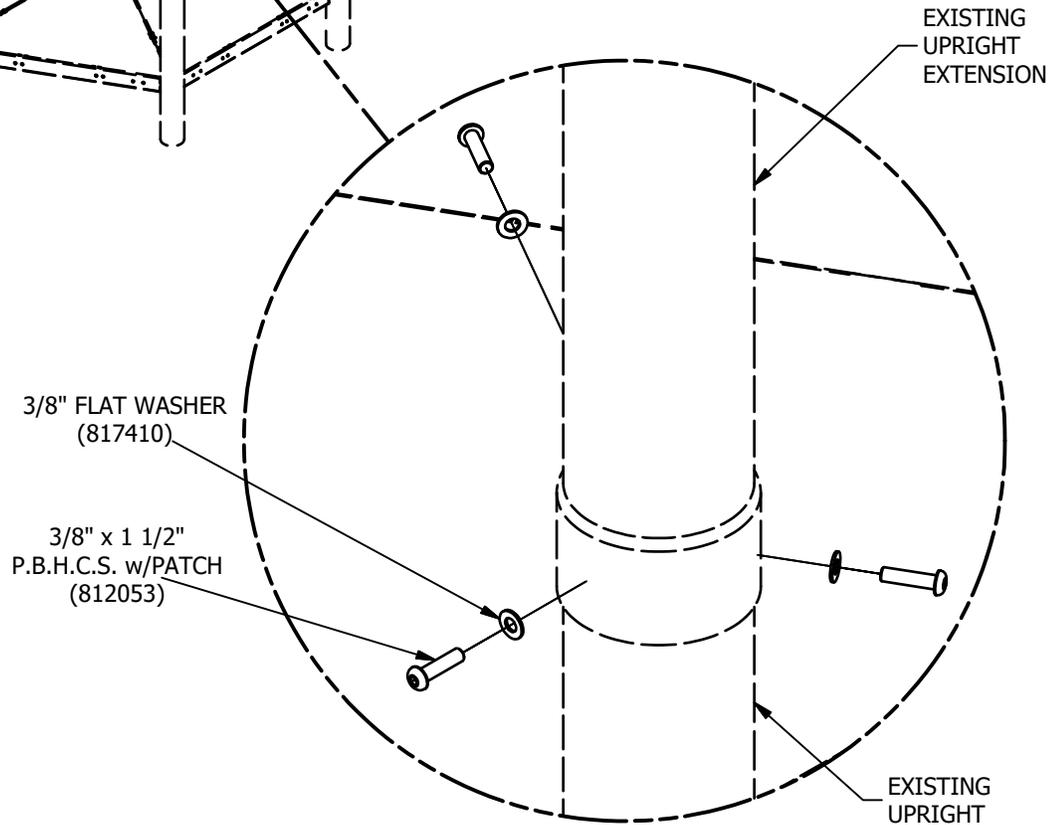
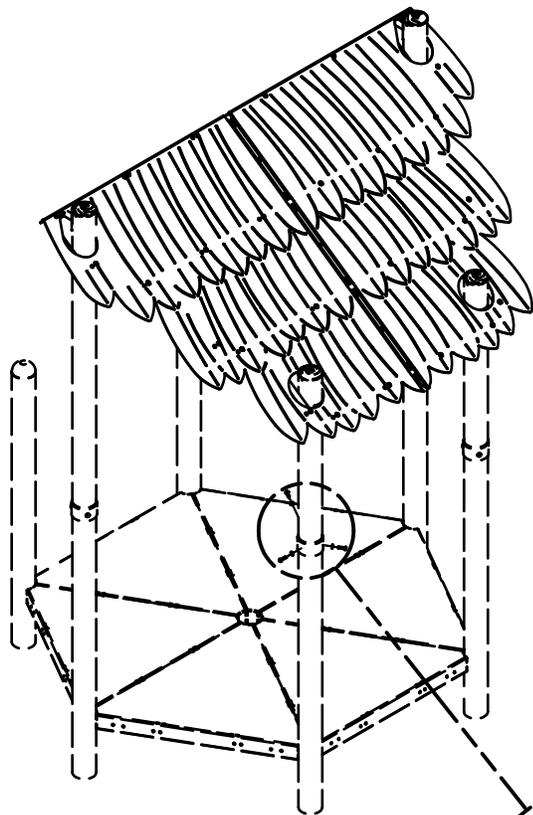
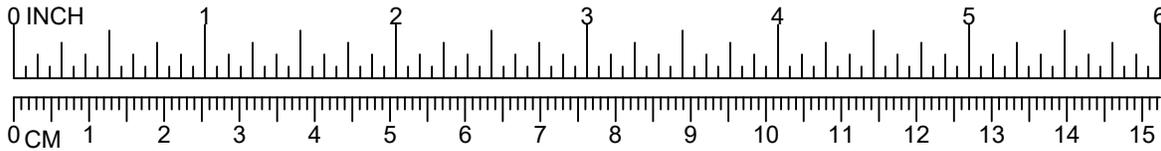
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

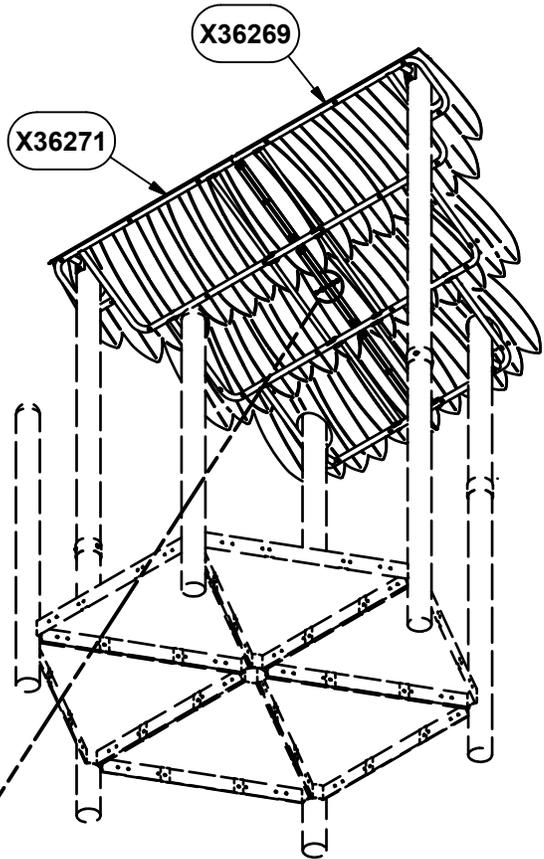
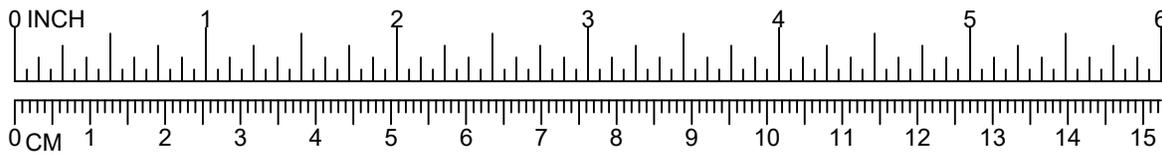
**DETAIL VIEW**



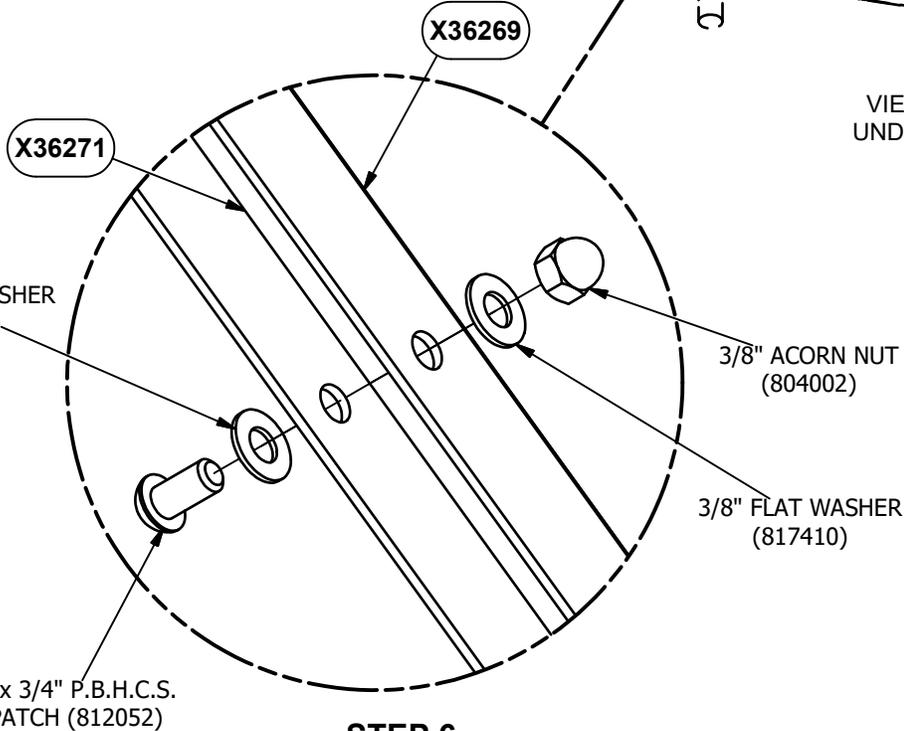
**STEP 5**  
12 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



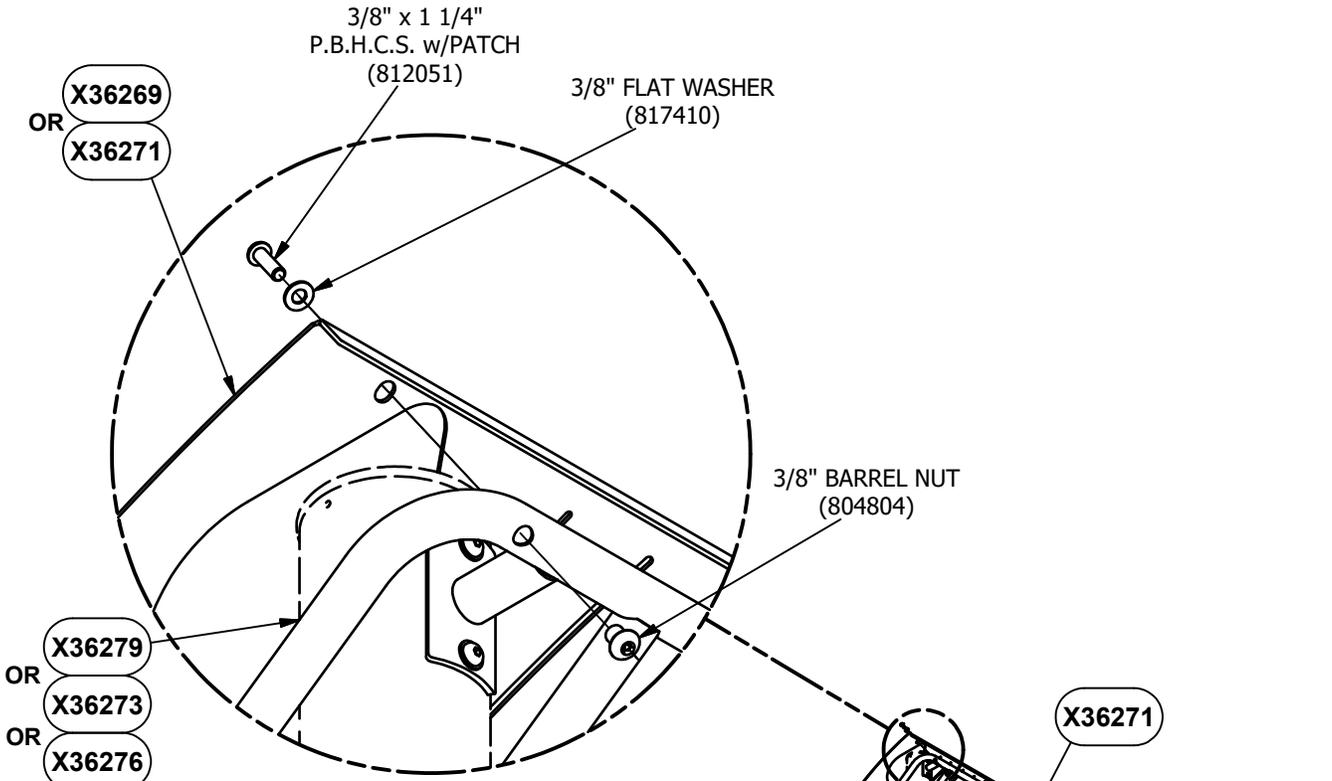
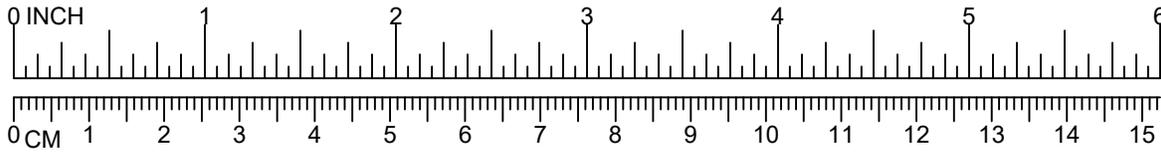
VIEW FROM UNDERNEATH



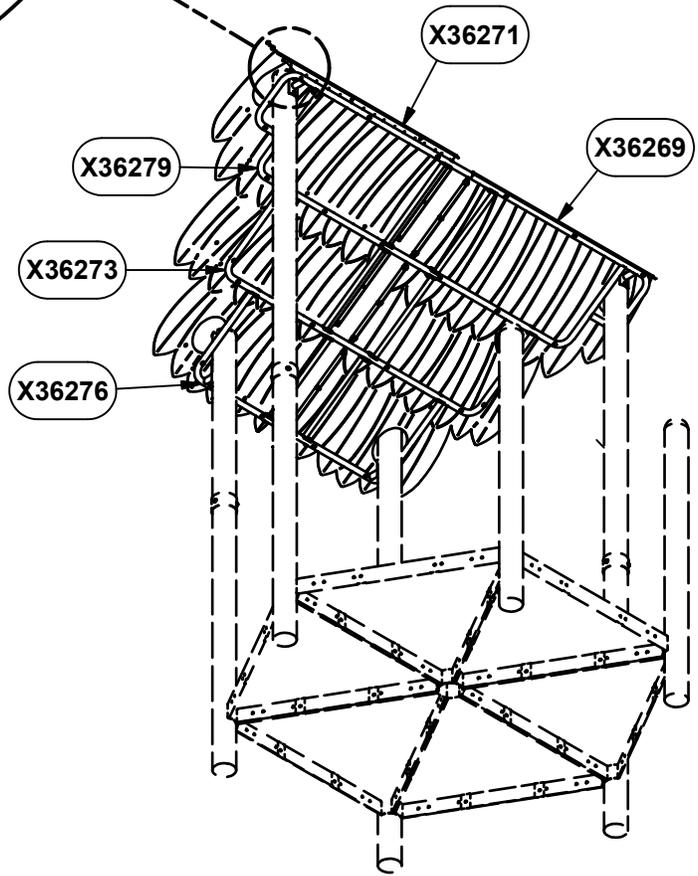
**STEP 6**  
10 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



**STEP 7**  
26 PLACES



VIEW FROM  
UNDERNEATH

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

Parts List		
DESCRIPTION	QTY	PART NUMBER
SPACER BAR WELD ASSEMBLY	6	207157
TOP FORMED PIPE WELD ASSEMBLY	1	X36273
MIDDLE FORMED PIPE WELD ASSEMBLY	1	X36276
BOTTOM FORMED PIPE WELD ASSEMBLY	1	X36279
RIGHT ROOF PANEL	1	X36271
LEFT ROOF PANEL	1	X36269
<b>HARDWARE COMPLETE</b>	1	6910HW
3/8" x 3/4" P.B.H.C.S. w/PATCH	10	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	34	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	20	812053*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	812054*
3/8" FLAT WASHER	78	817410*
3/8" ACORN NUT	10	804002*
3/8" BARREL NUT	26	804804*
3/8" T-NUT STAINLESS STEEL	12	804560*

*Unless Otherwise Specified, All Units of Measure are Each  
\* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

### **MAINTENANCE PROCEDURE:**

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

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6929RP

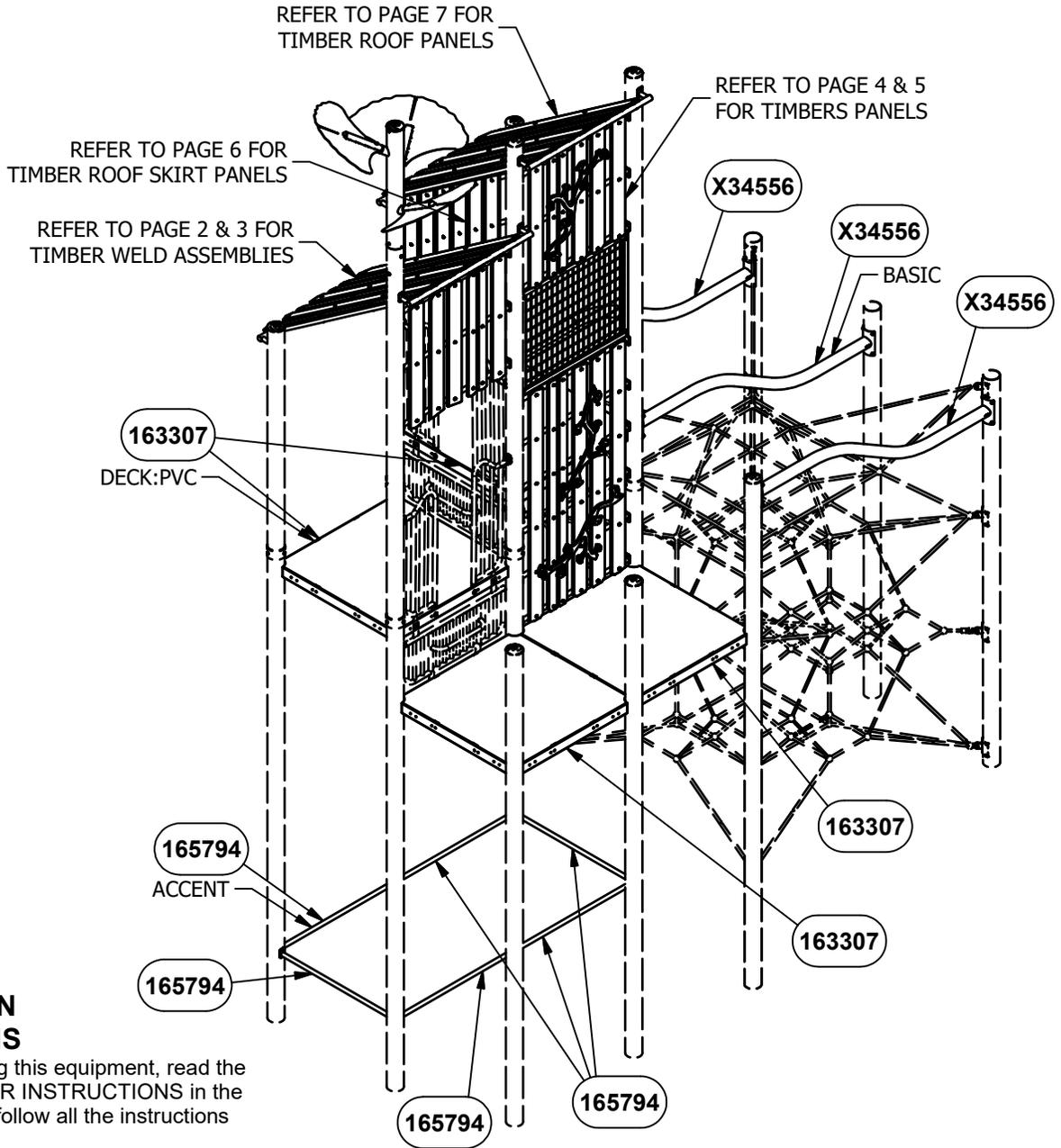
LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 10/20/2023

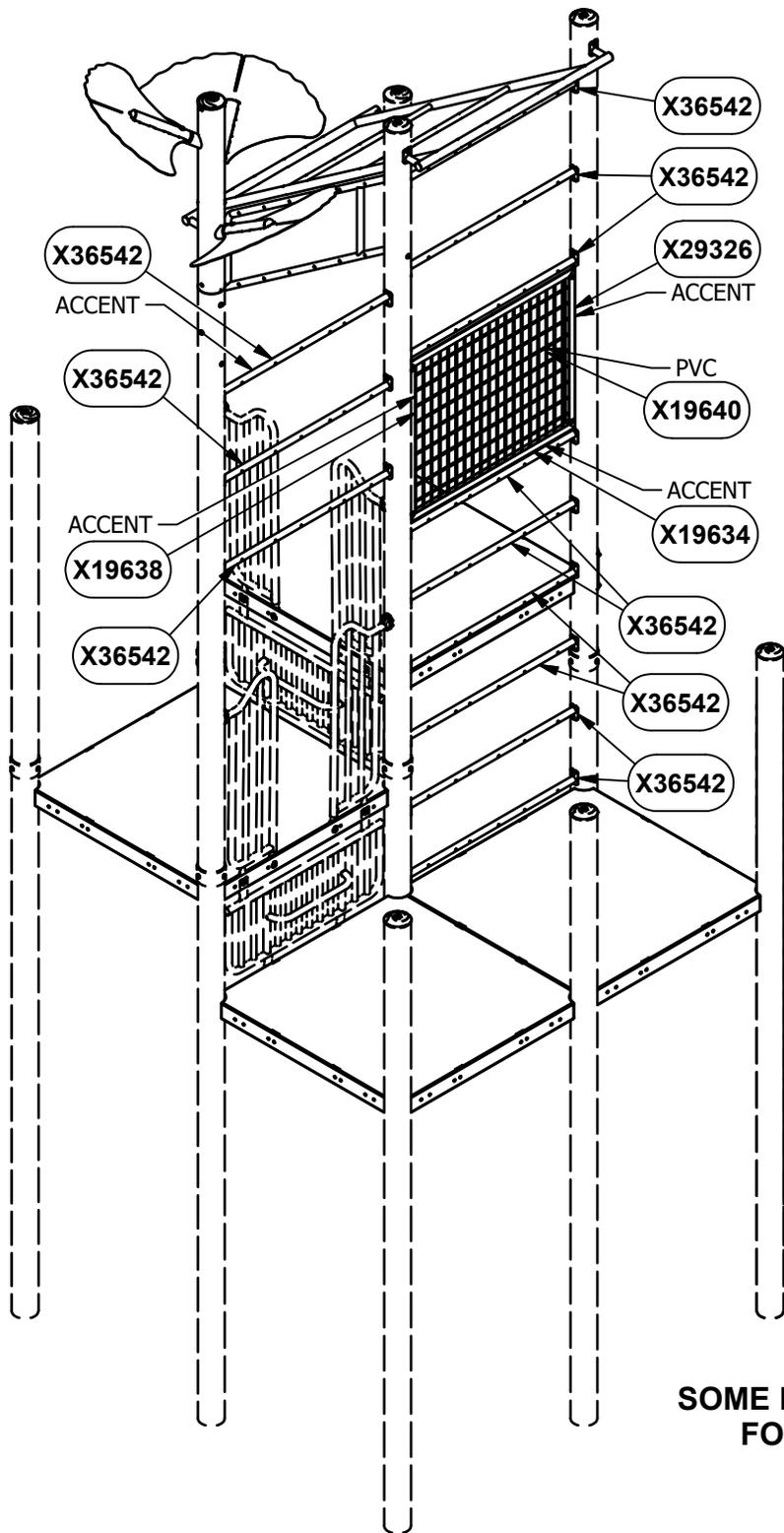
# LOOKOUT STRATOSPHERE TOWER



**ASSEMBLY VIEW**

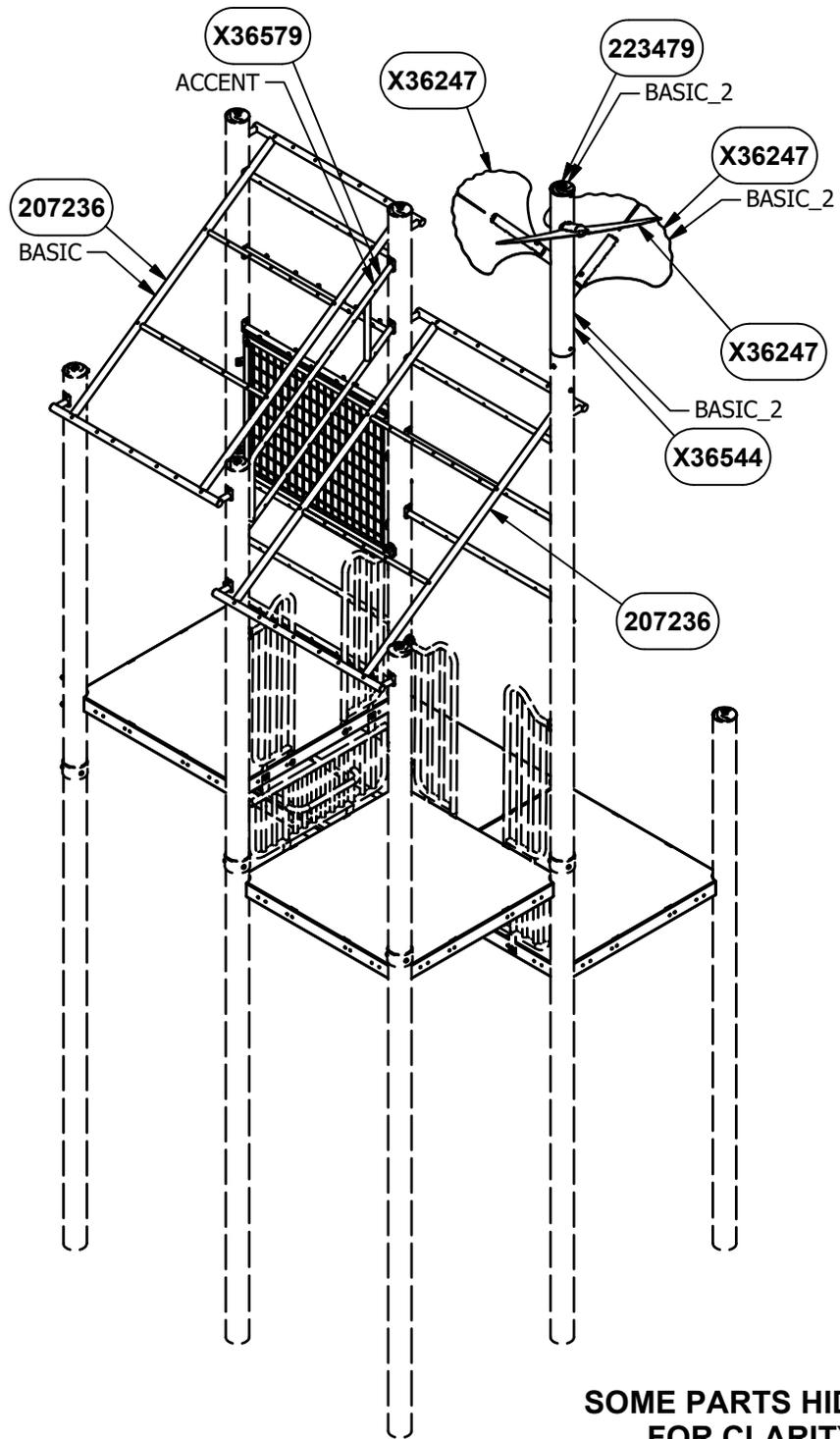
## INSTALLATION INSTRUCTIONS

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2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



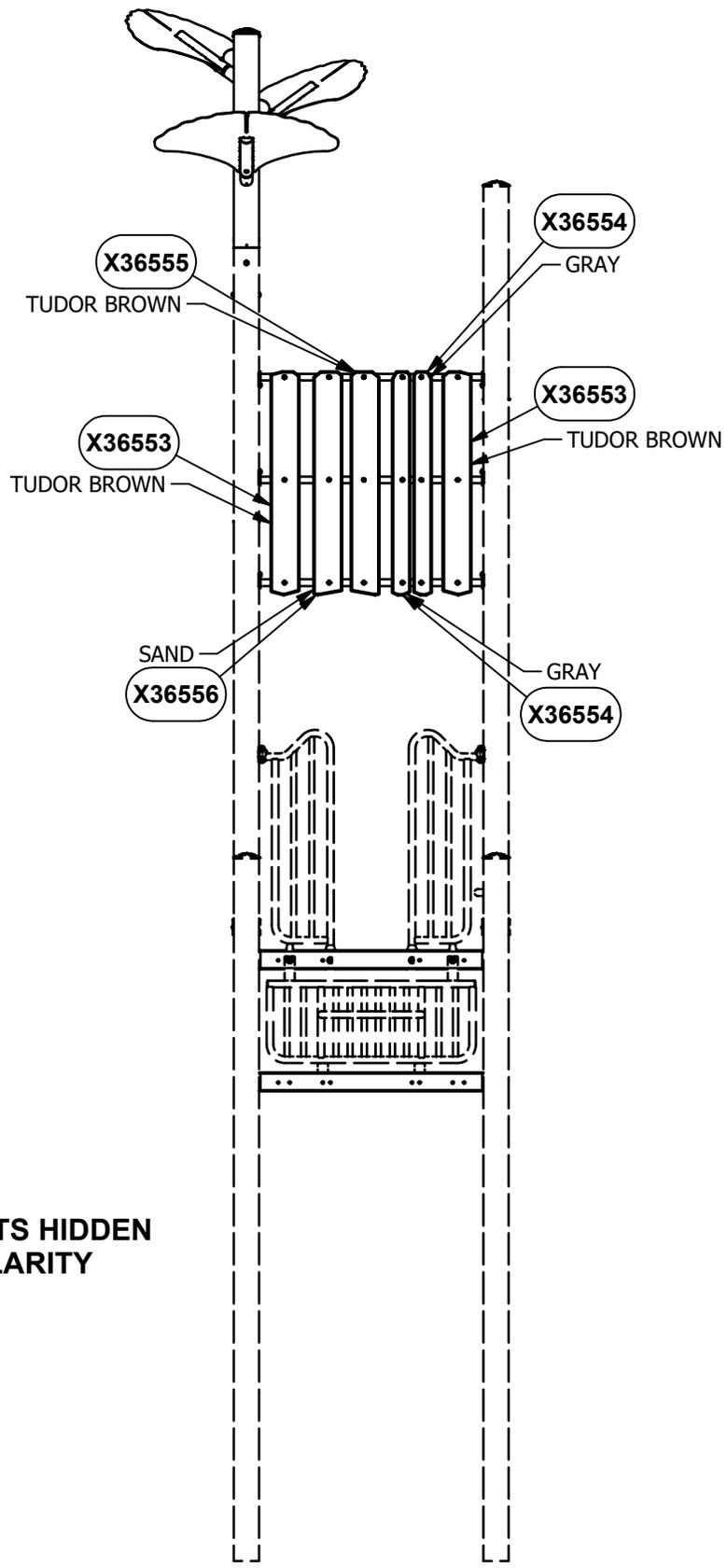
**SOME PARTS HIDDEN FOR CLARITY**

**ASSEMBLY VIEW**  
**WELD ASSEMBLIES**



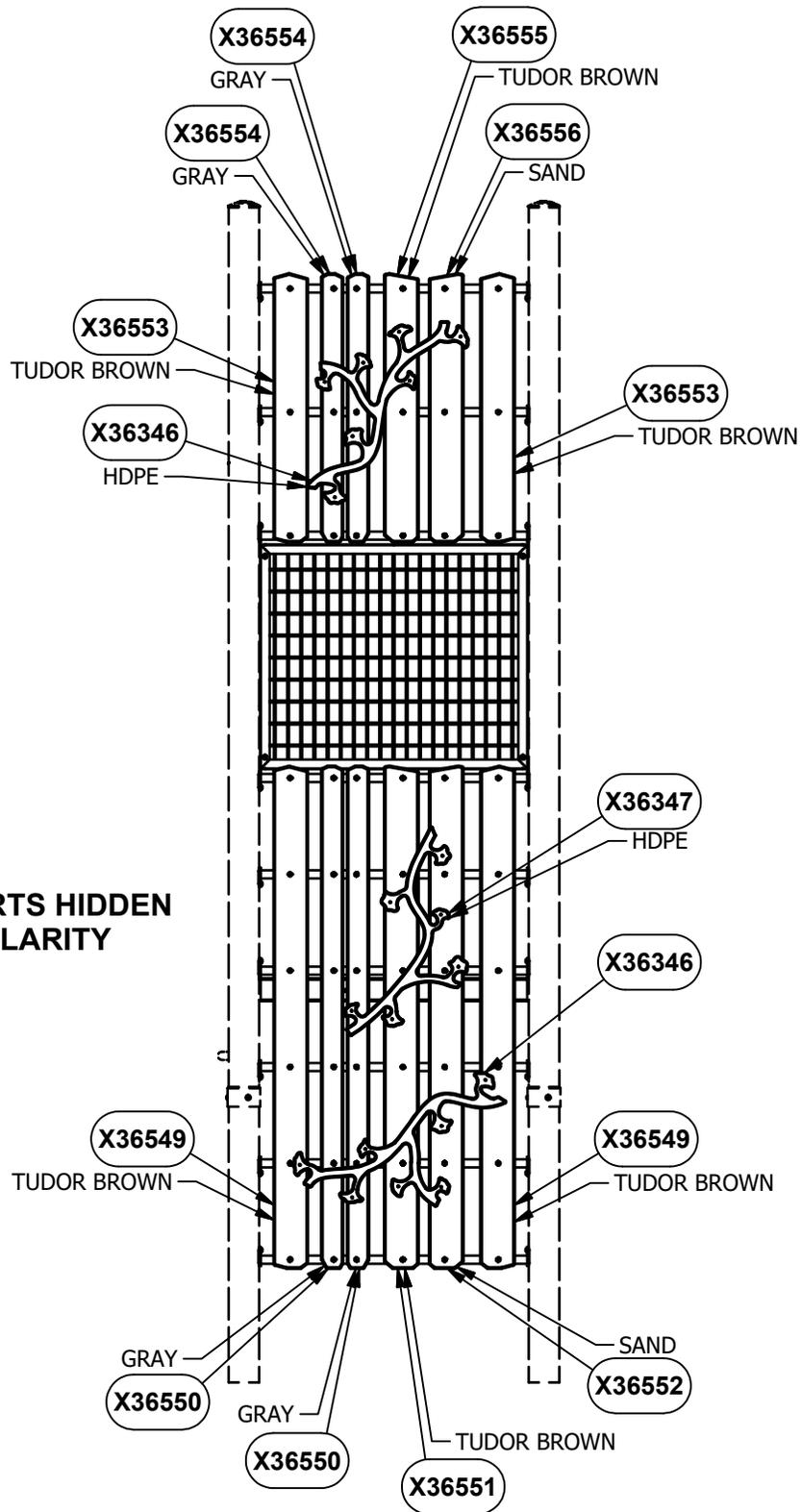
**SOME PARTS HIDDEN  
FOR CLARITY**

**ASSEMBLY VIEW  
WELD ASSEMBLIES**



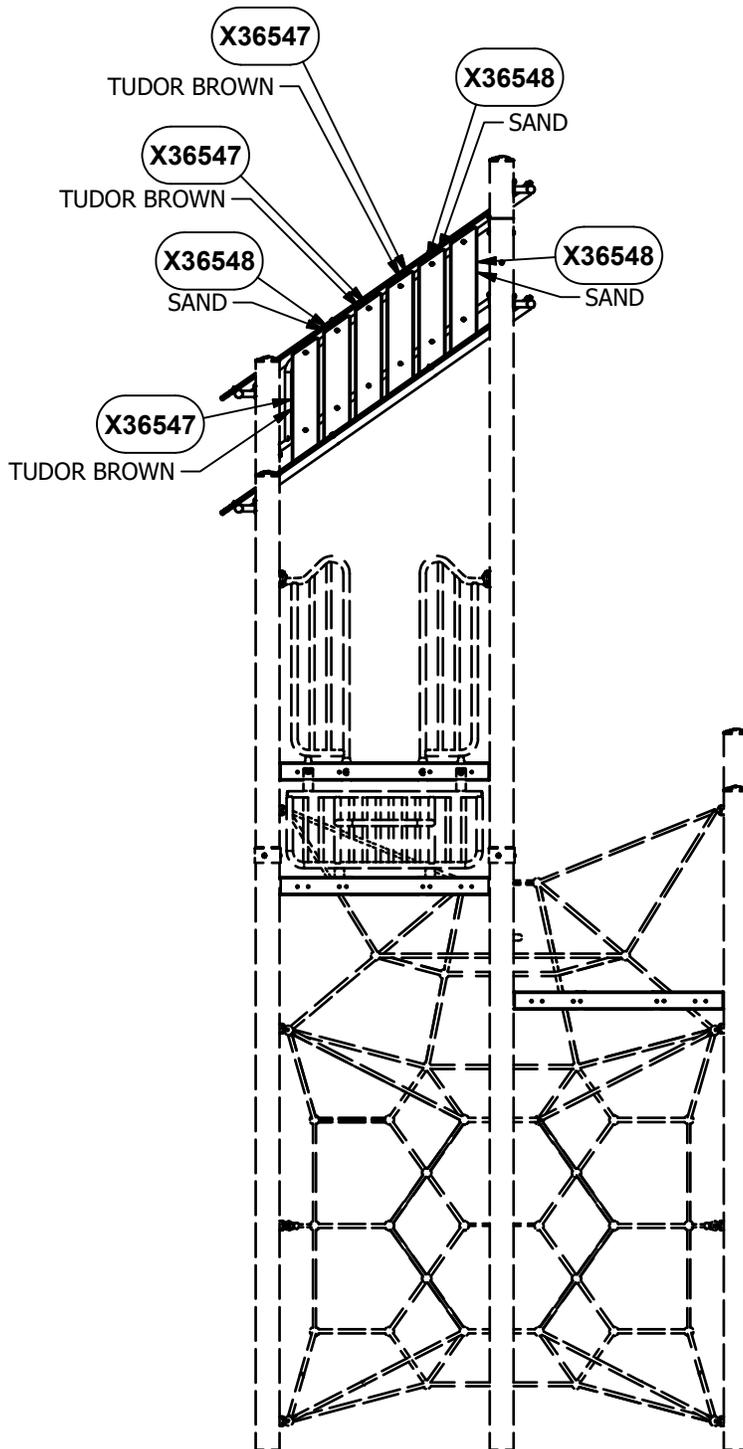
**SOME PARTS HIDDEN  
FOR CLARITY**

**ASSEMBLY VIEW  
UPPER LEFT TIMBER PANEL**

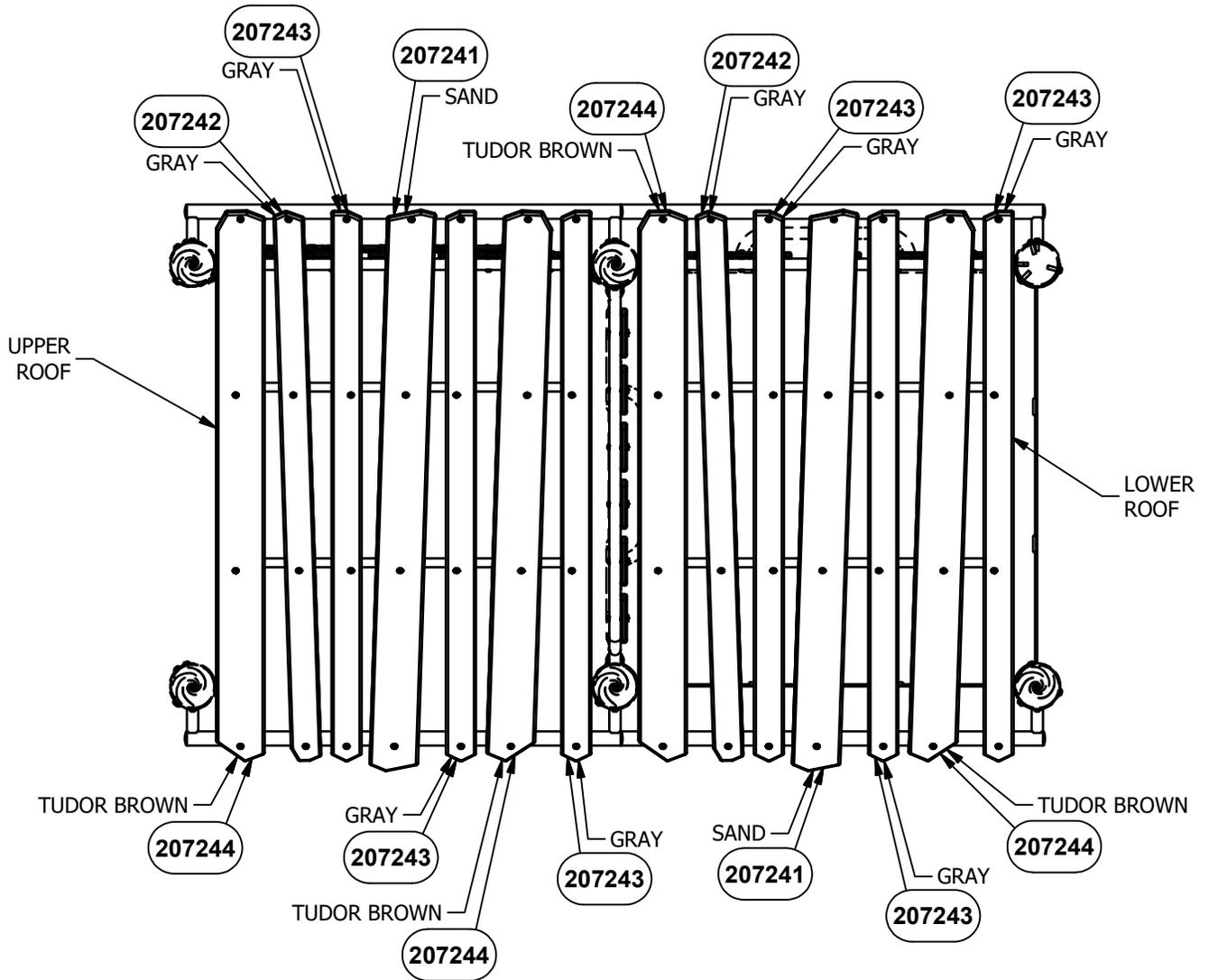


SOME PARTS HIDDEN FOR CLARITY

**ASSEMBLY VIEW**  
UPPER AND LOWER RIGHT TIMBER PANEL

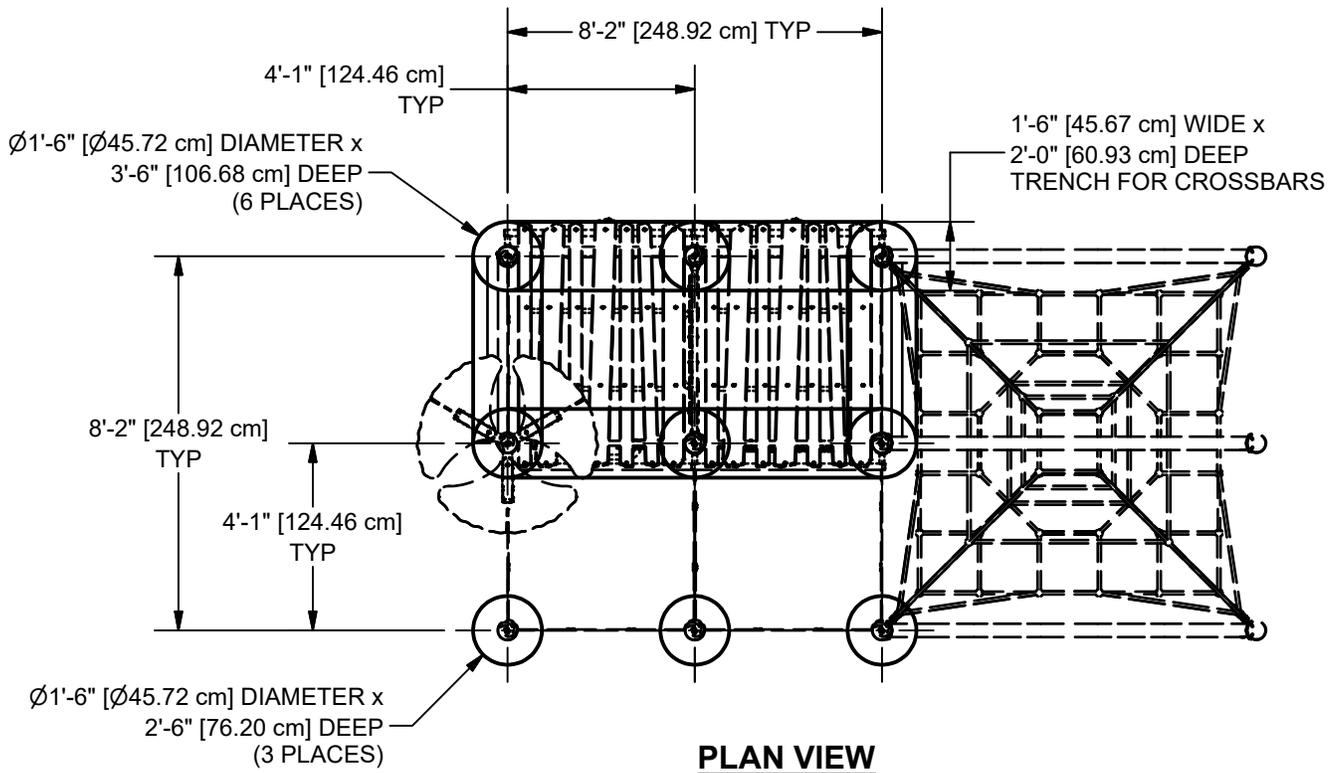


**ASSEMBLY VIEW**  
**TIMBER ROOF SKIRT**



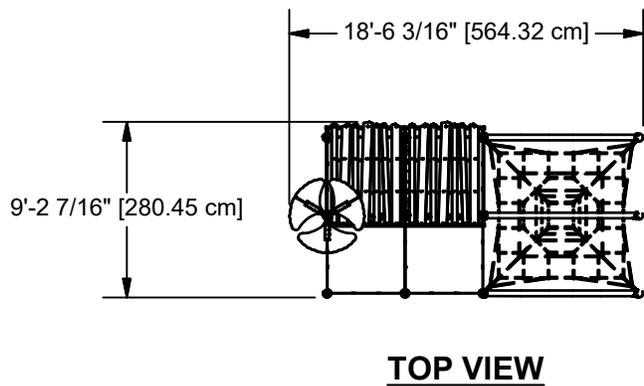
**SOME PARTS HIDDEN  
FOR CLARITY**

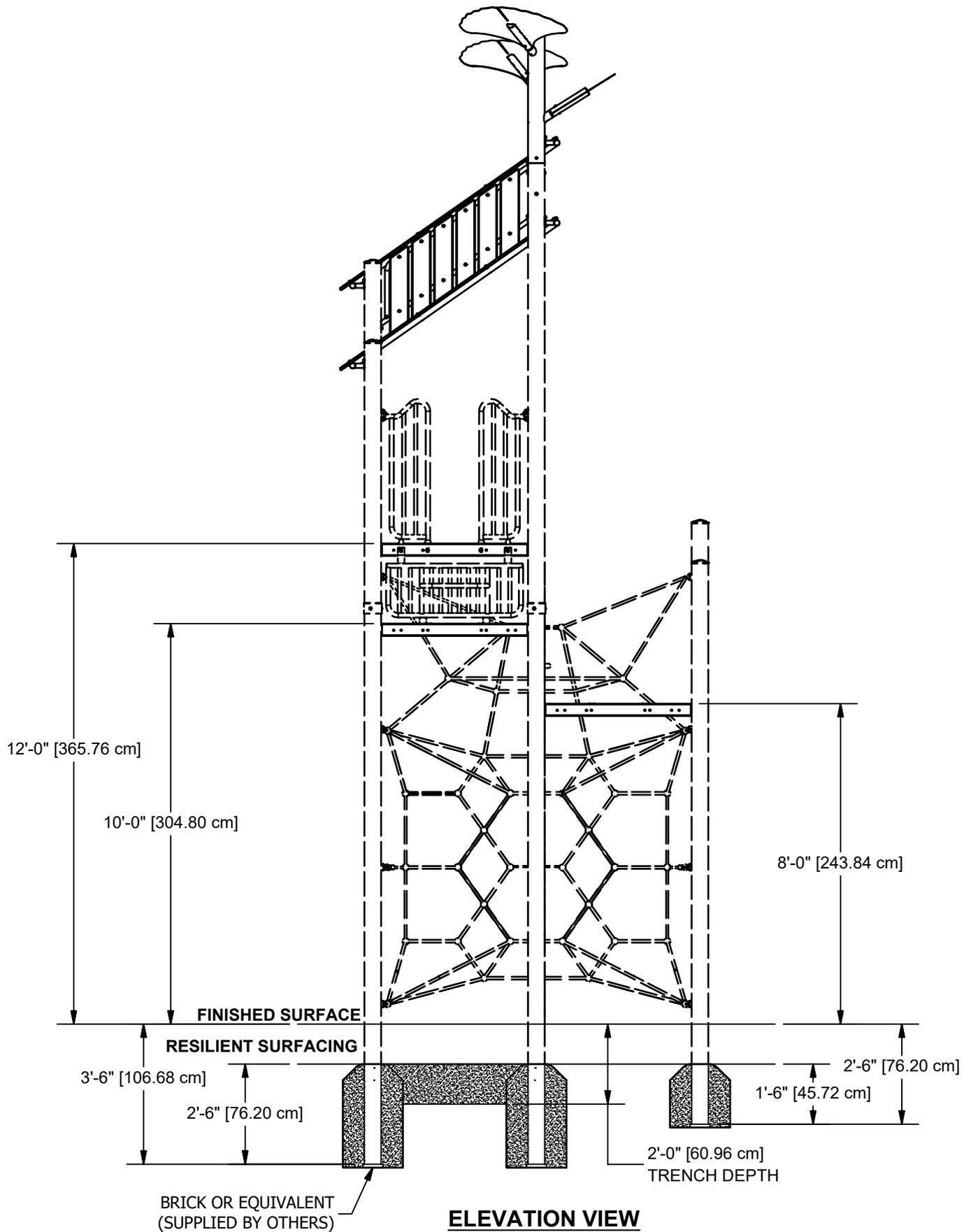
**ASSEMBLY VIEW  
TIMBER ROOF**

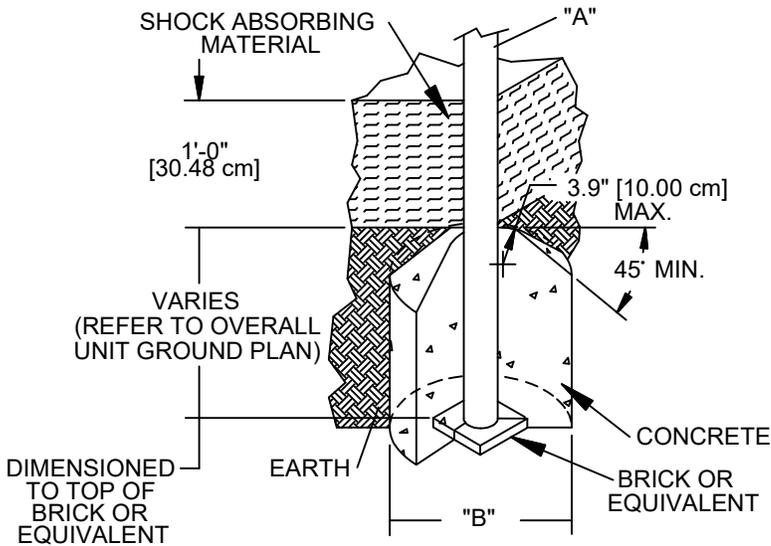


**NOTE:** HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

**CONCRETE REQUIRED**  
 2.14 CUBIC YARDS  
 [1.64 CUBIC METERS]







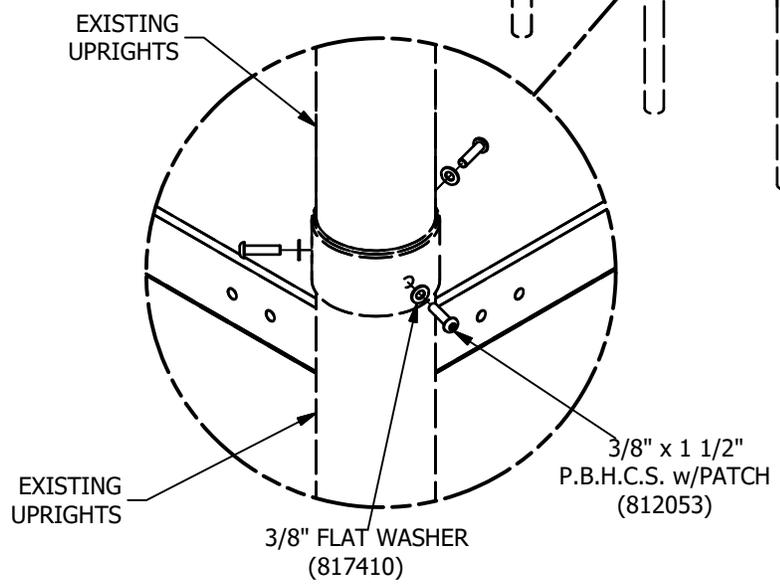
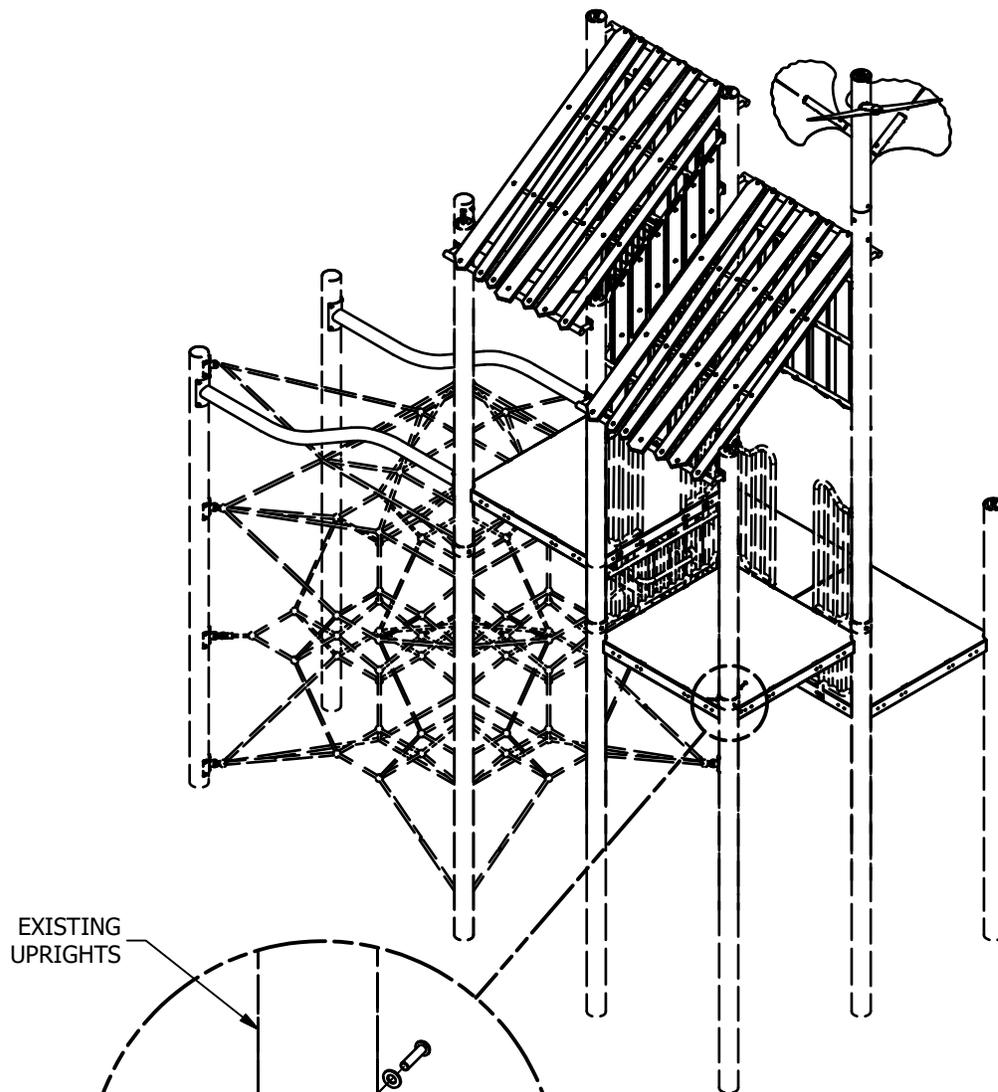
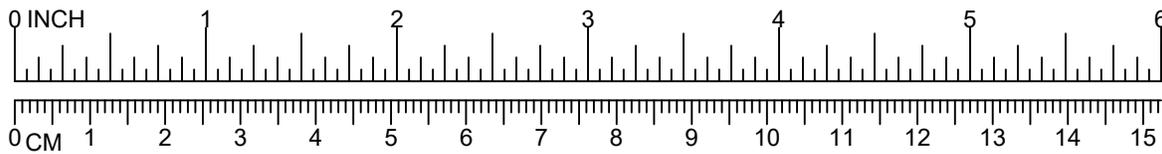
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

**NOTES:**

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

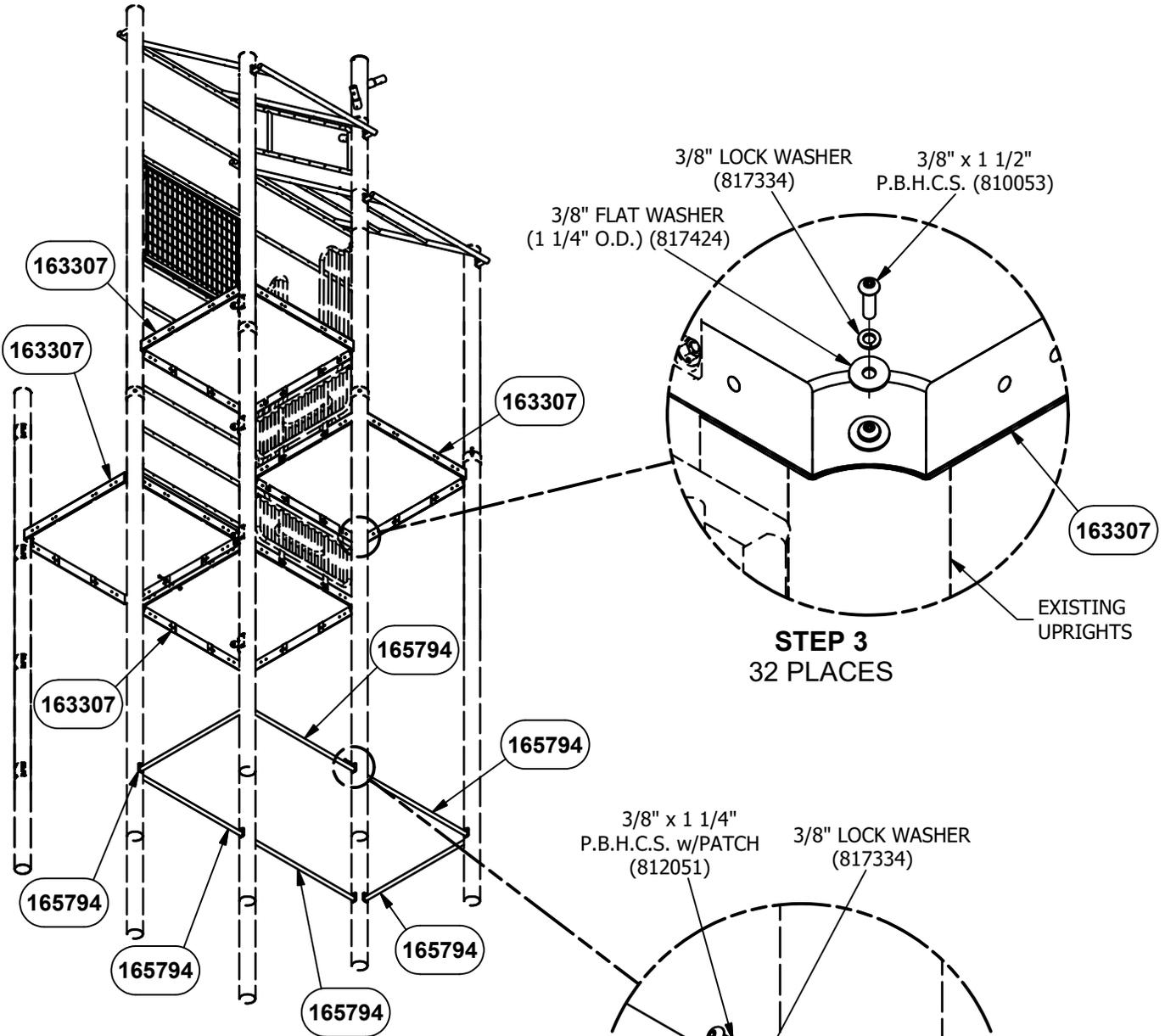
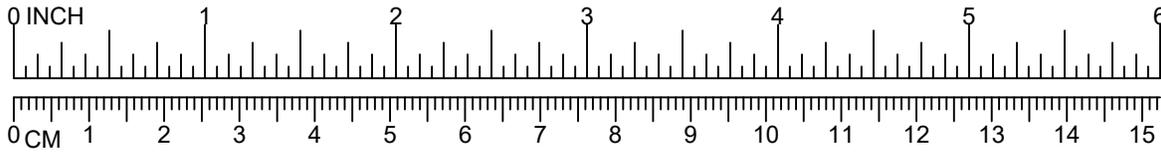
**FOOTING DETAIL**



**STEP 1**  
18 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

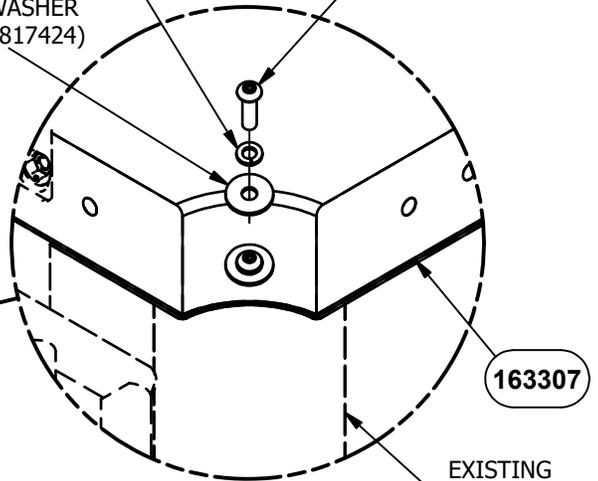
**DETAIL VIEW**



VIEW IS FROM UNDERNEATH

SOME PARTS HIDDEN FOR CLARITY

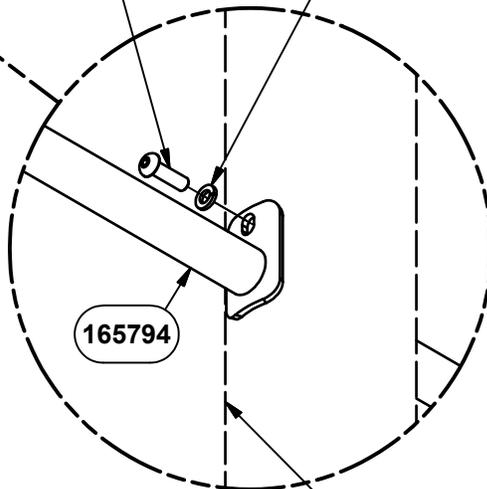
3/8" LOCK WASHER (817334)  
 3/8" x 1 1/2" P.B.H.C.S. (810053)  
 3/8" FLAT WASHER (1 1/4" O.D.) (817424)



**STEP 3**  
 32 PLACES

EXISTING UPRIGHTS

3/8" x 1 1/4" P.B.H.C.S. w/PATCH (812051)  
 3/8" LOCK WASHER (817334)

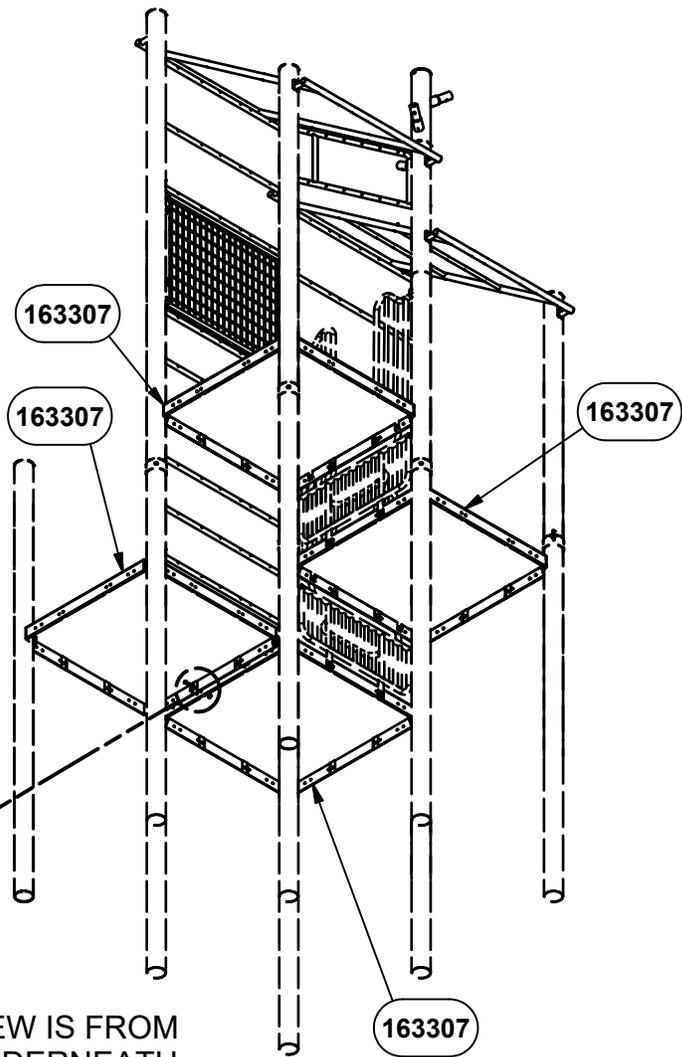
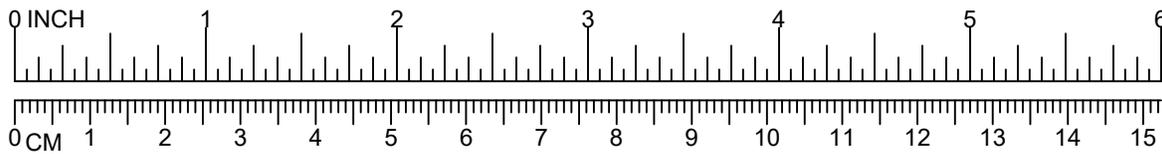


**STEP 2**  
 12 PLACES

EXISTING UPRIGHTS

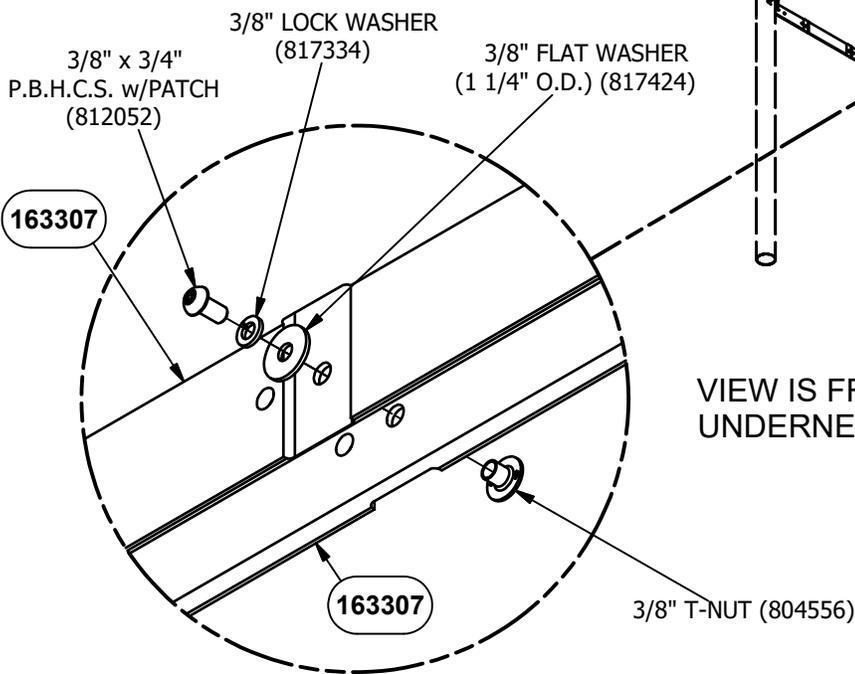
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

**DETAIL VIEW**



VIEW IS FROM UNDERNEATH

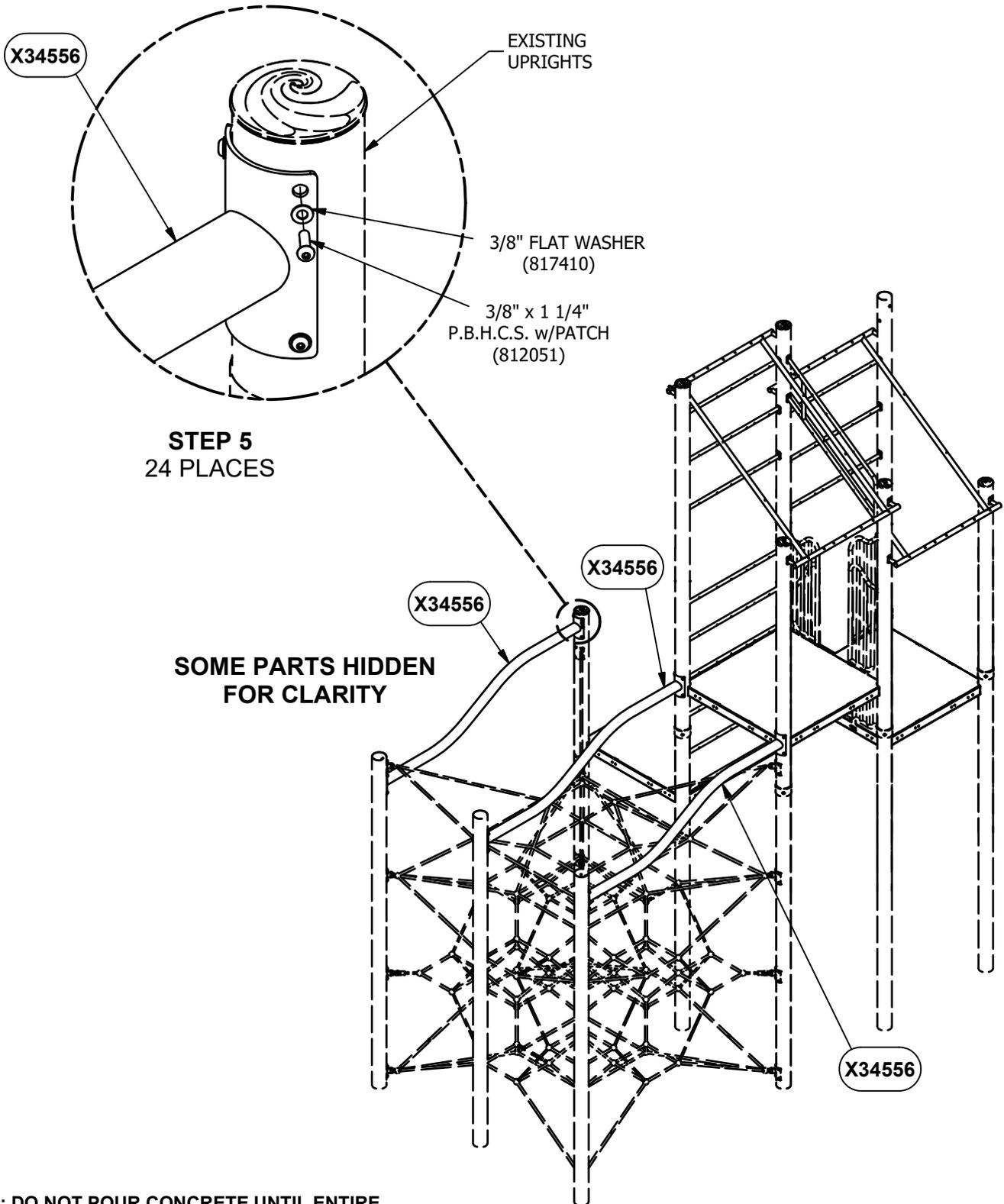
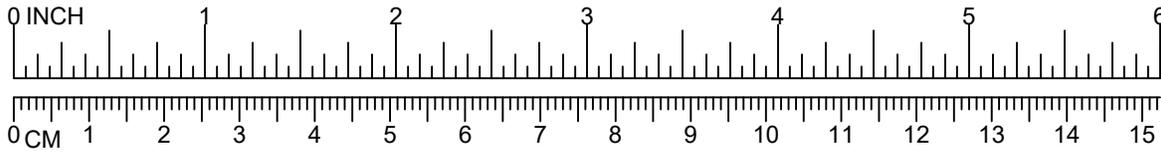
SOME PARTS HIDDEN FOR CLARITY



**STEP 4**  
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

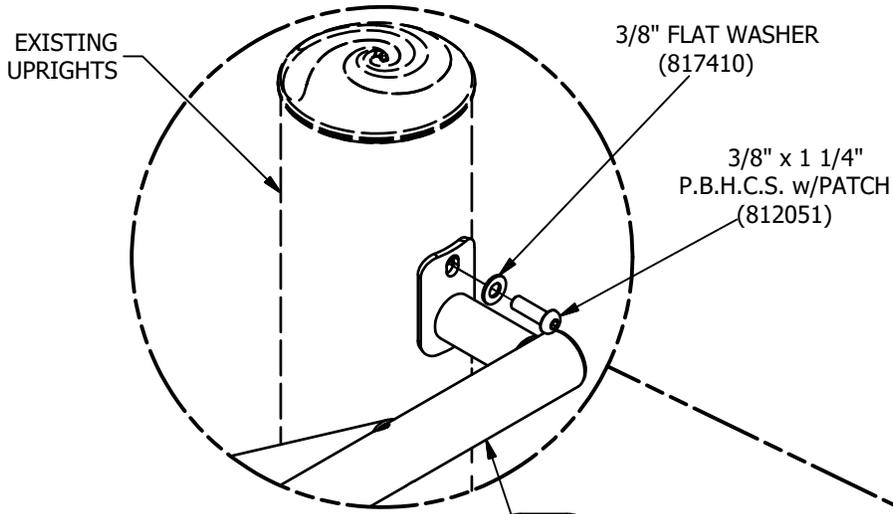
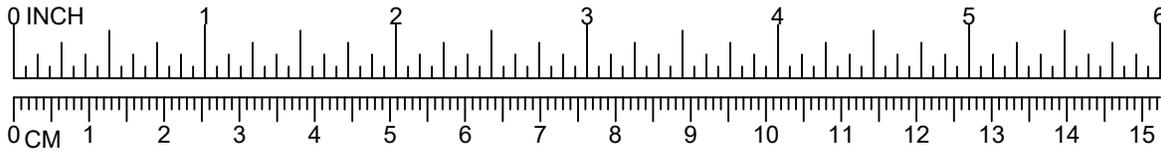


**STEP 5**  
24 PLACES

**SOME PARTS HIDDEN  
FOR CLARITY**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

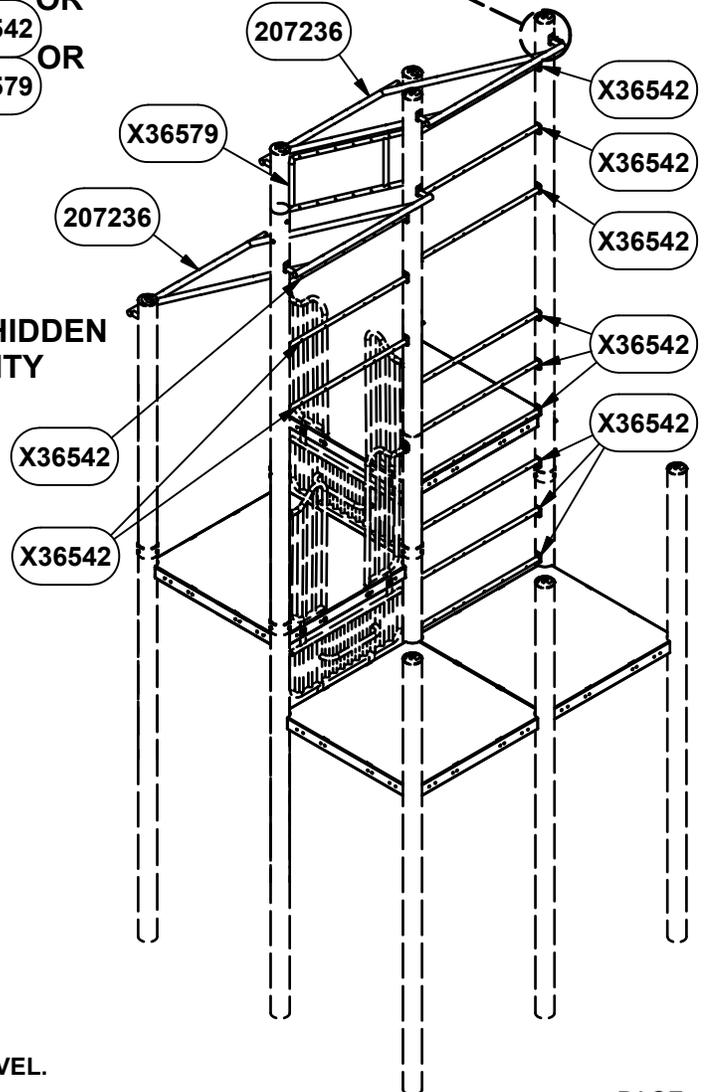
**DETAIL VIEW**



**STEP 6**  
35 PLACES

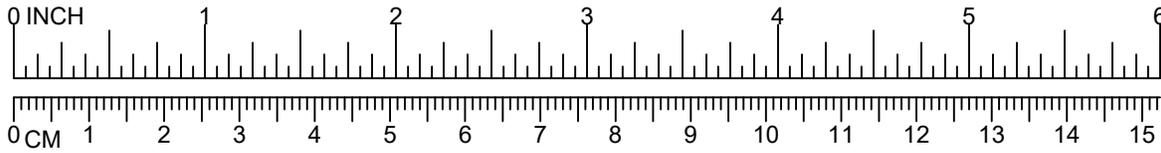
- 207236 OR
- X36542 OR
- X36579

**SOME PARTS HIDDEN FOR CLARITY**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



EXISTING UPRIGHTS

X19634

3/8" T-NUT  
STAINLESS STEEL  
(804560)

3/8" x 1 1/4"  
P.B.H.C.S. w/PATCH  
(812051)

3/8" FLAT WASHER  
(817410)

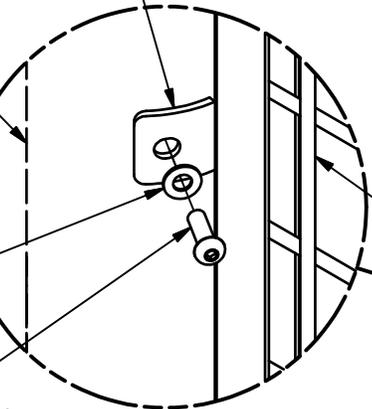
OR  
X19638  
OR  
X29326

OR  
X29326  
OR  
X19638

X19640

**STEP 7**  
4 PLACES

EXISTING UPRIGHTS



3/8" FLAT WASHER  
(817410)

3/8" x 1 1/4"  
P.B.H.C.S. w/PATCH  
(812051)

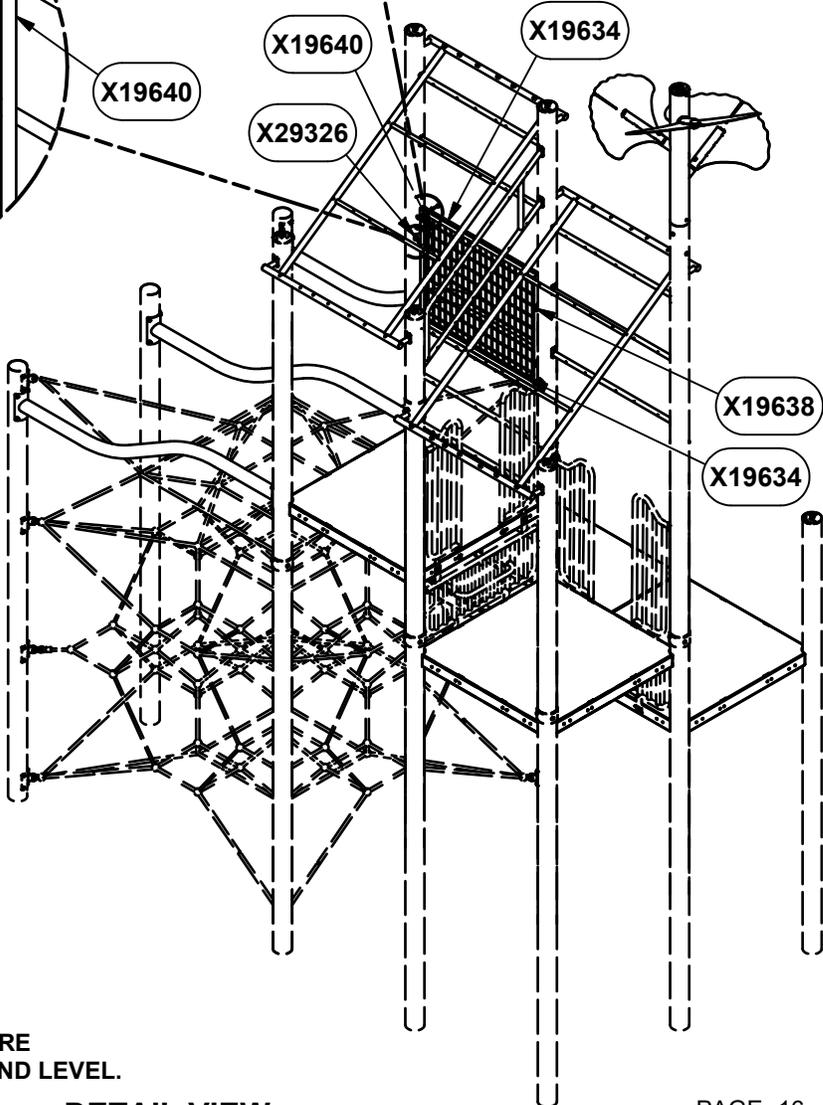
**STEP 8**  
4 PLACES

X19640

X19640

X19634

X29326

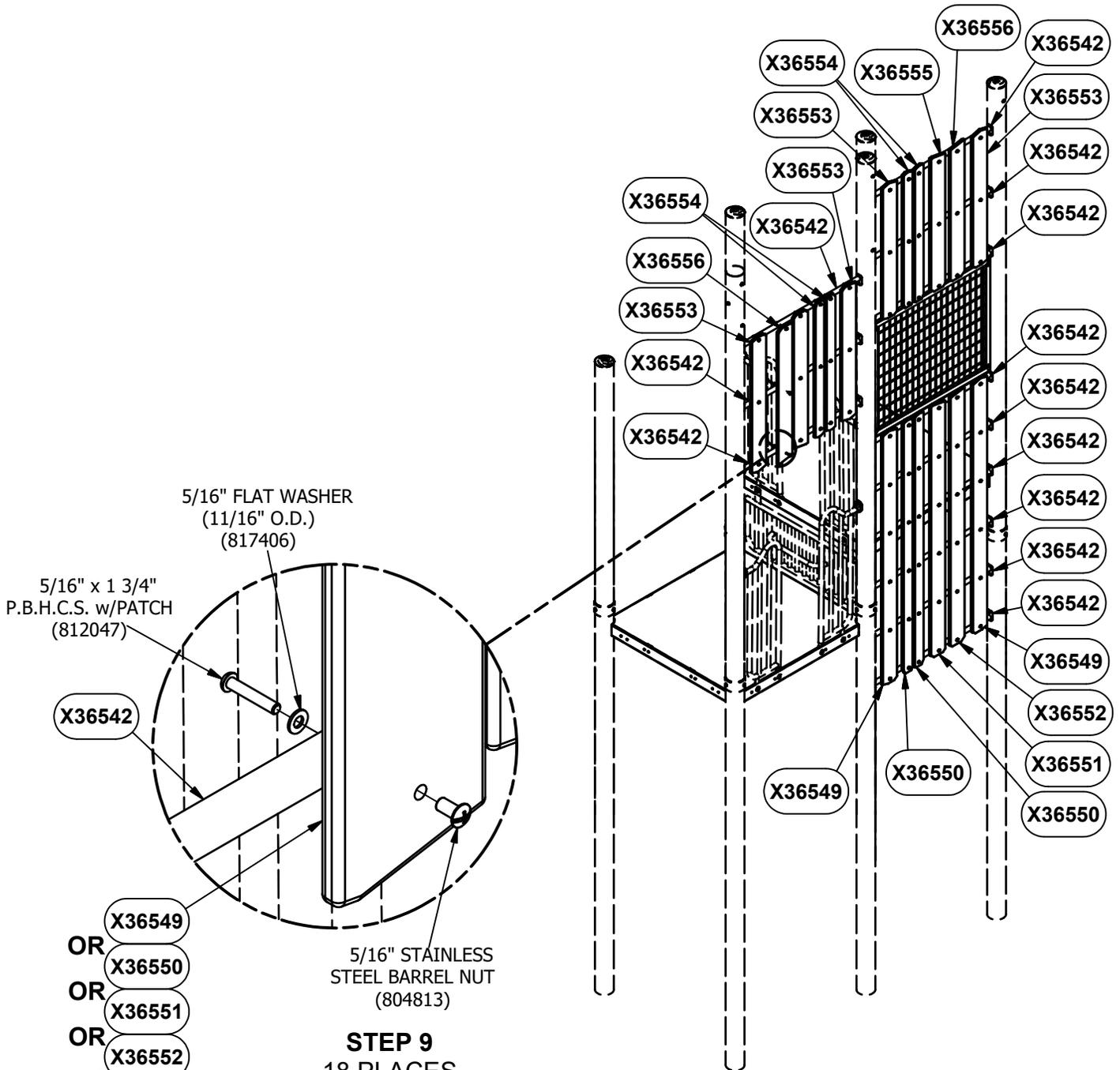
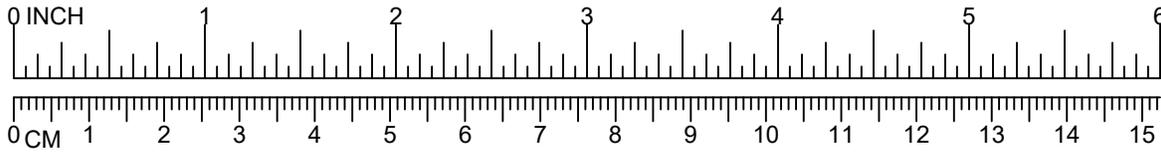


X19638

X19634

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



5/16" FLAT WASHER  
(11/16" O.D.)  
(817406)

5/16" x 1 3/4"  
P.B.H.C.S. w/PATCH  
(812047)

X36542

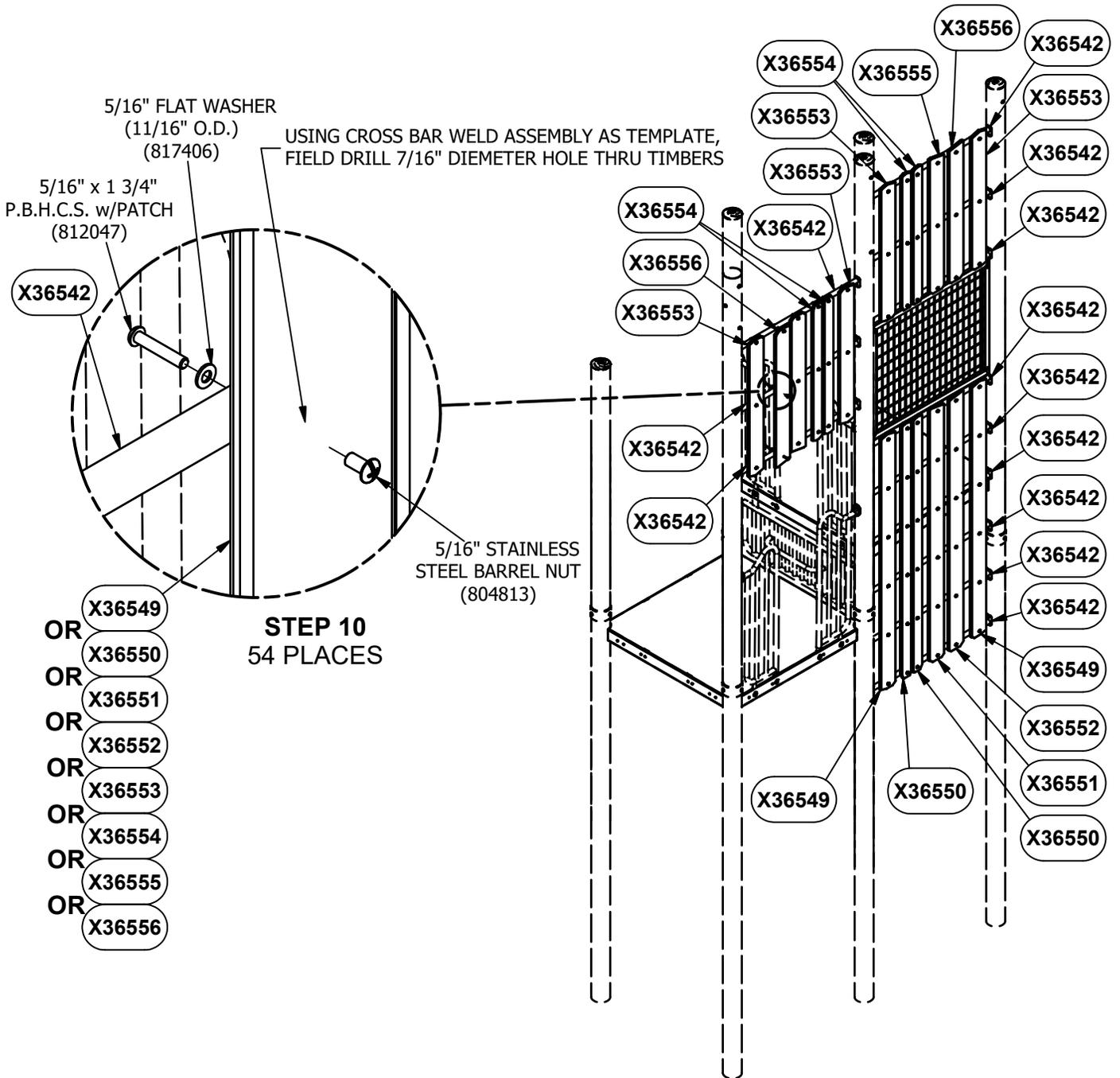
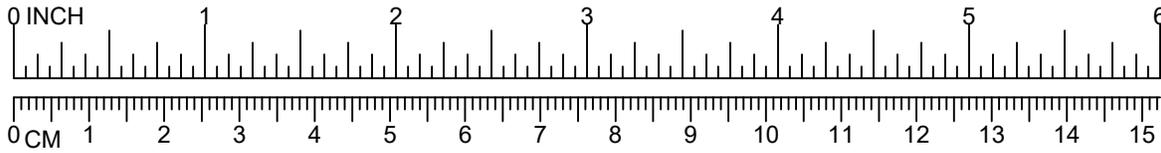
5/16" STAINLESS  
STEEL BARREL NUT  
(804813)

- OR X36549
- OR X36550
- OR X36551
- OR X36552
- OR X36553
- OR X36554
- OR X36555
- OR X36556

**STEP 9**  
18 PLACES

**SOME PARTS HIDDEN  
FOR CLARITY**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



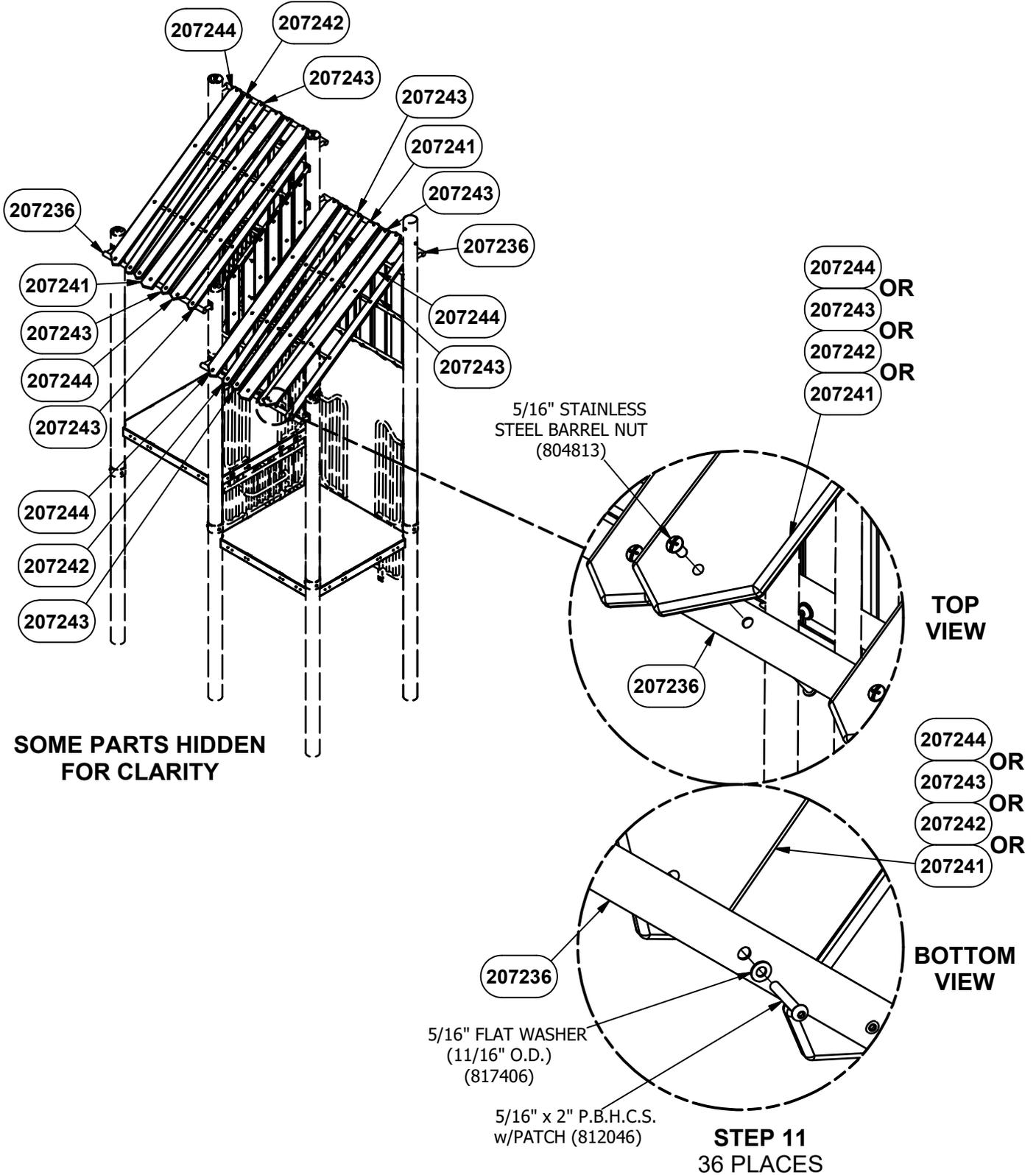
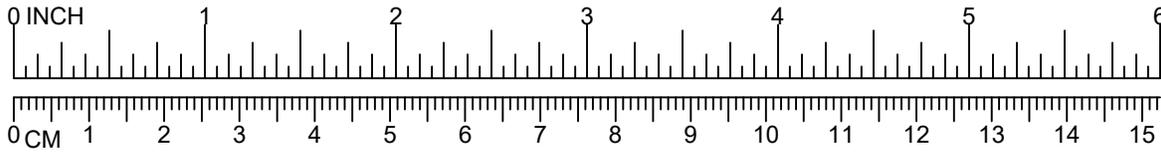
- OR X36549
- OR X36550
- OR X36551
- OR X36552
- OR X36553
- OR X36554
- OR X36555
- OR X36556

**STEP 10**  
54 PLACES

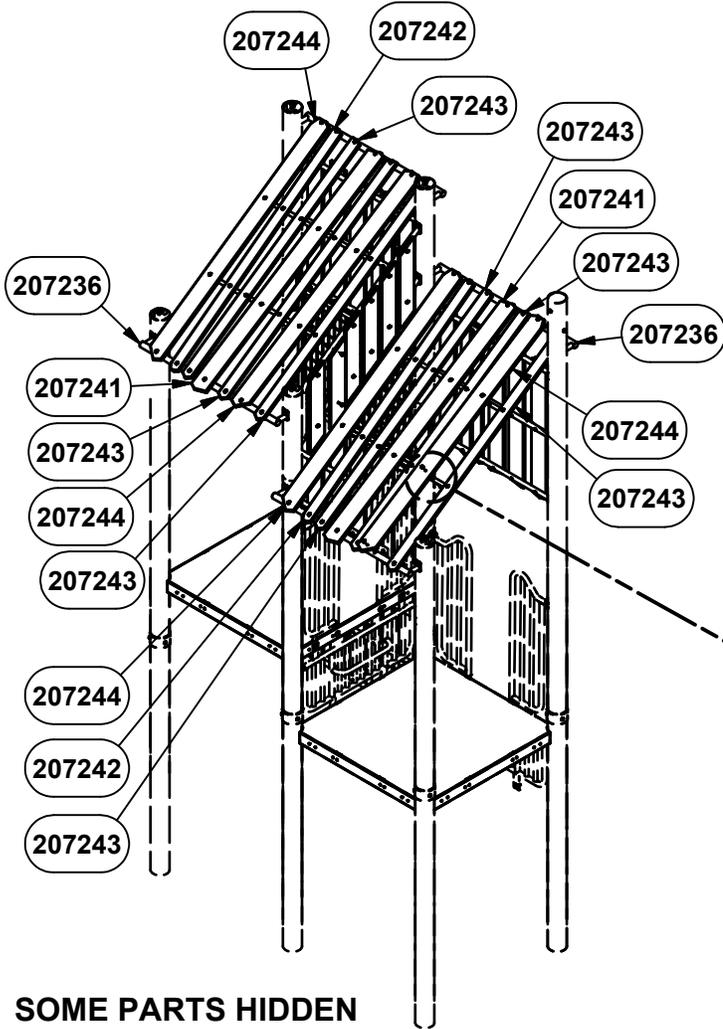
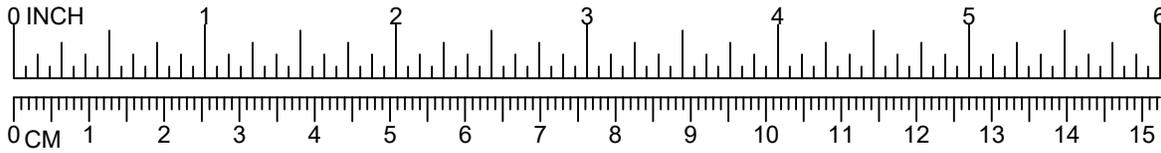
**SOME PARTS HIDDEN FOR CLARITY**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

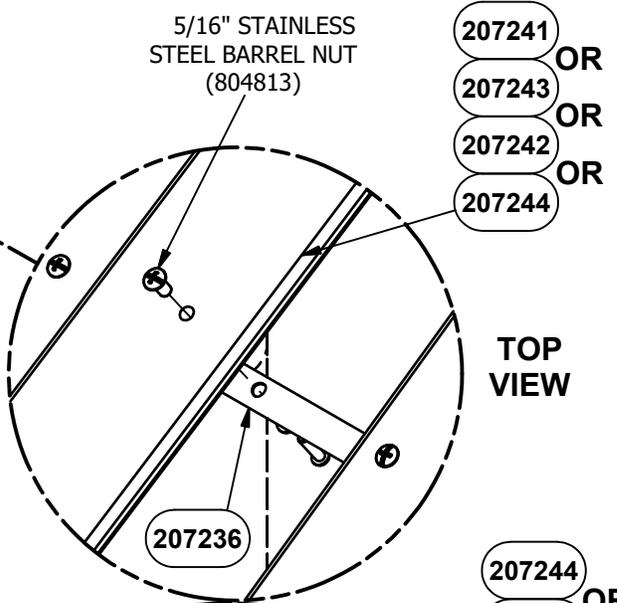
**DETAIL VIEW**



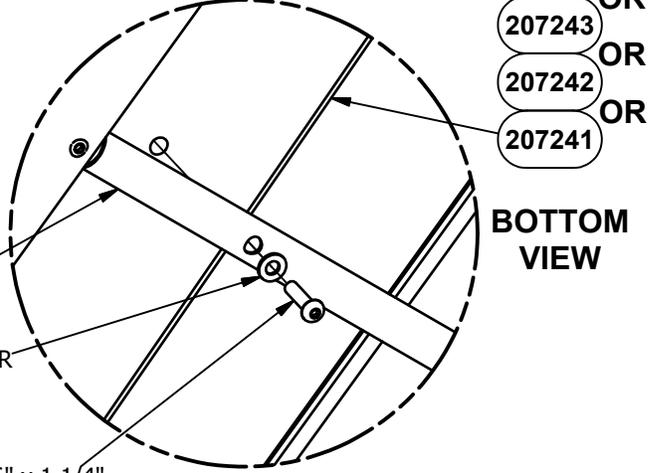
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



SOME PARTS HIDDEN FOR CLARITY



TOP VIEW

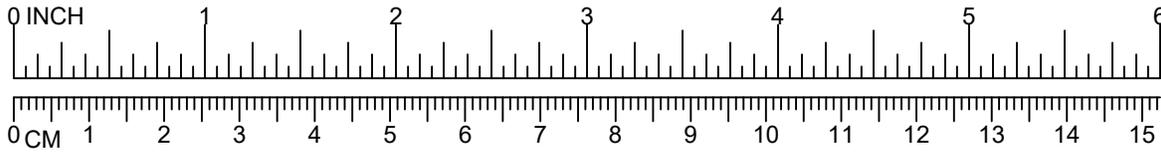


BOTTOM VIEW

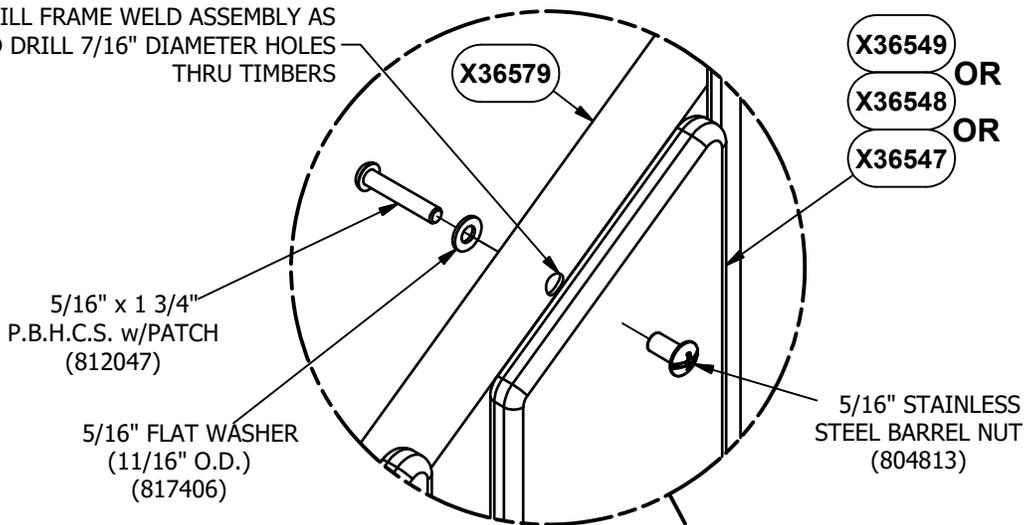
**STEP 12**  
20 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

**DETAIL VIEW**

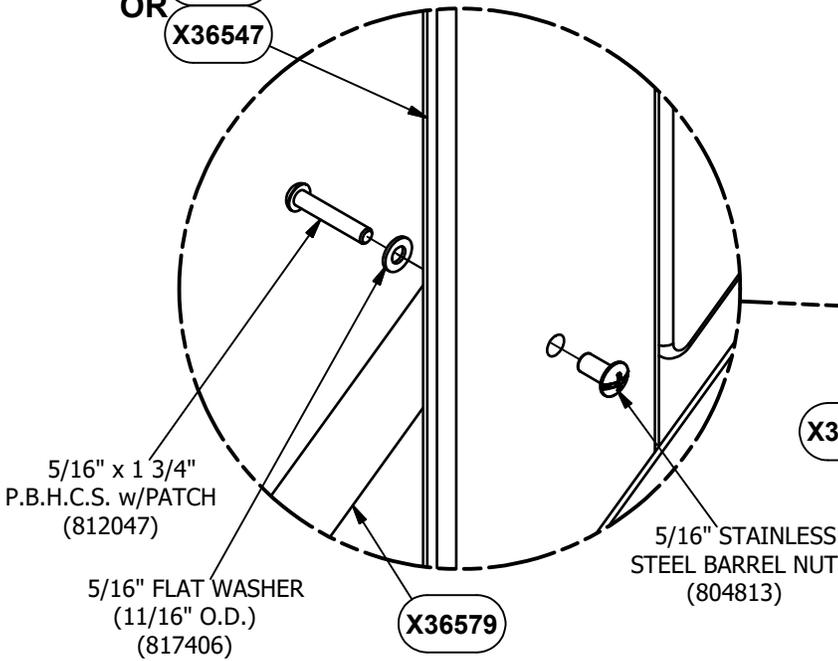


USING INFILL FRAME WELD ASSEMBLY AS  
TEMPALTE FIELD DRILL 7/16" DIAMETER HOLES  
THRU TIMBERS

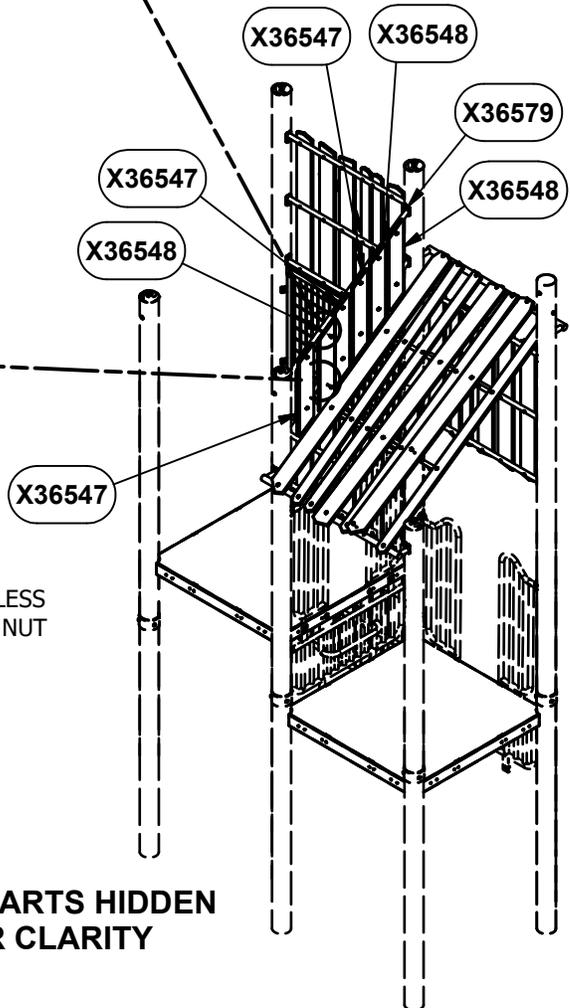


**STEP 14**  
6 PLACES

X36549  
OR  
X36548  
OR  
X36547



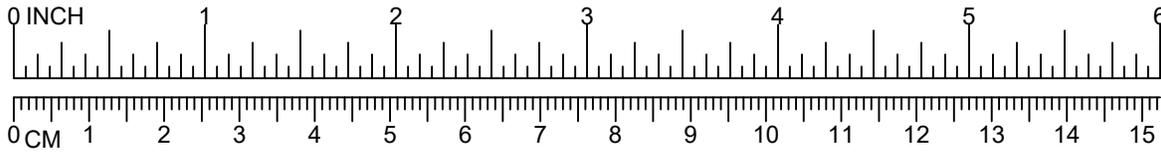
**STEP 13**  
6 PLACES



**SOME PARTS HIDDEN  
FOR CLARITY**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

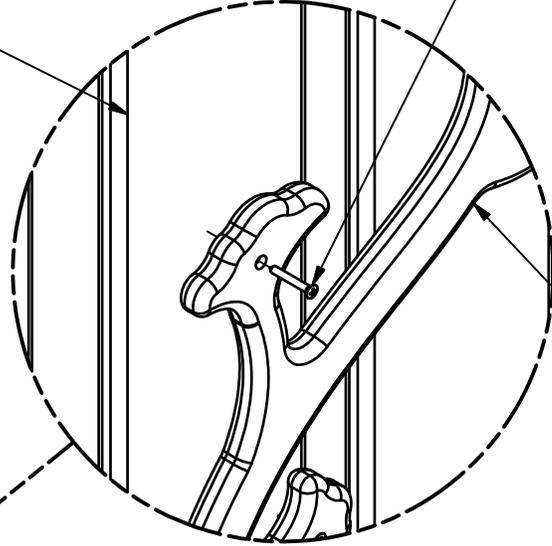
**DETAIL VIEW**



1 1/4" S.S. WOOD  
SCREW (813039)

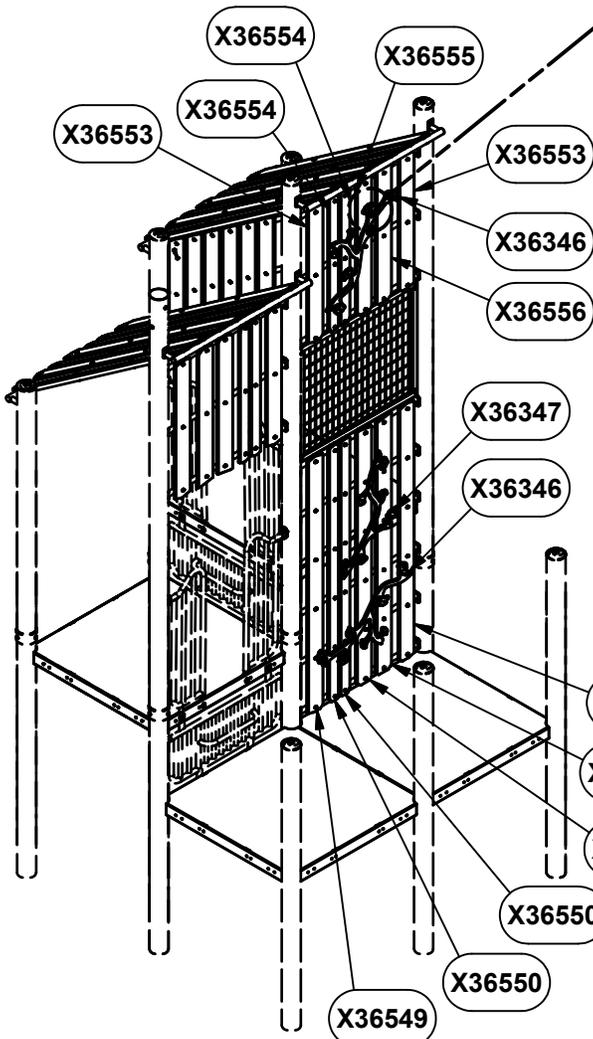
**NOTE: HEAD OF WOOD  
SCREWS TO BE  
FLUSH WITH HDPE**

- OR X36549
- OR X36550
- OR X36551
- OR X36552
- OR X36553
- OR X36554
- OR X36555
- OR X36556



- X36346
- OR
- X36347

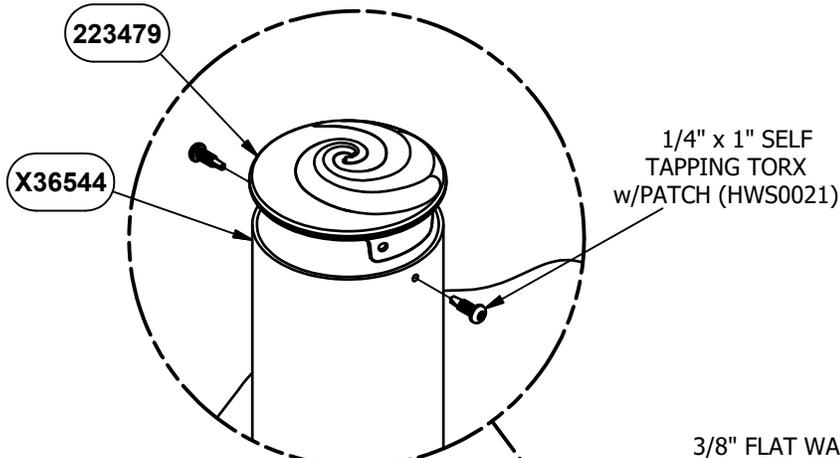
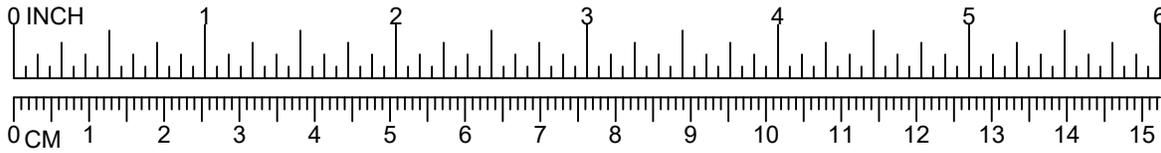
**STEP 15  
20 PLACES**



**SOME PARTS HIDDEN  
FOR CLARITY**

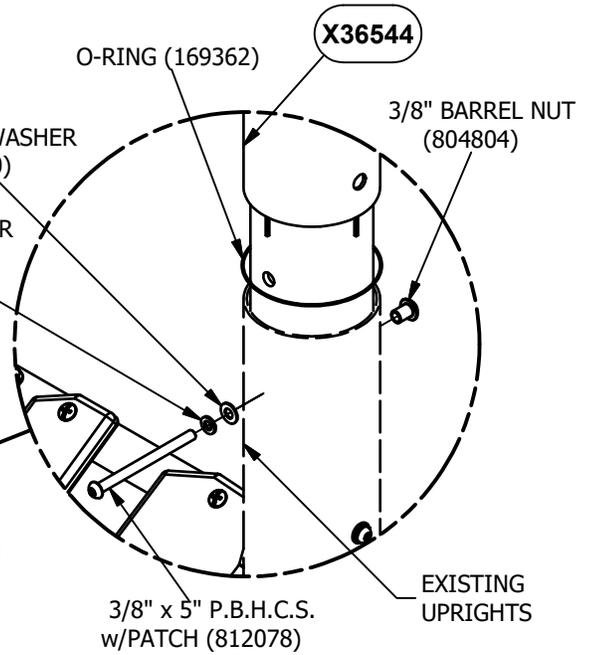
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**



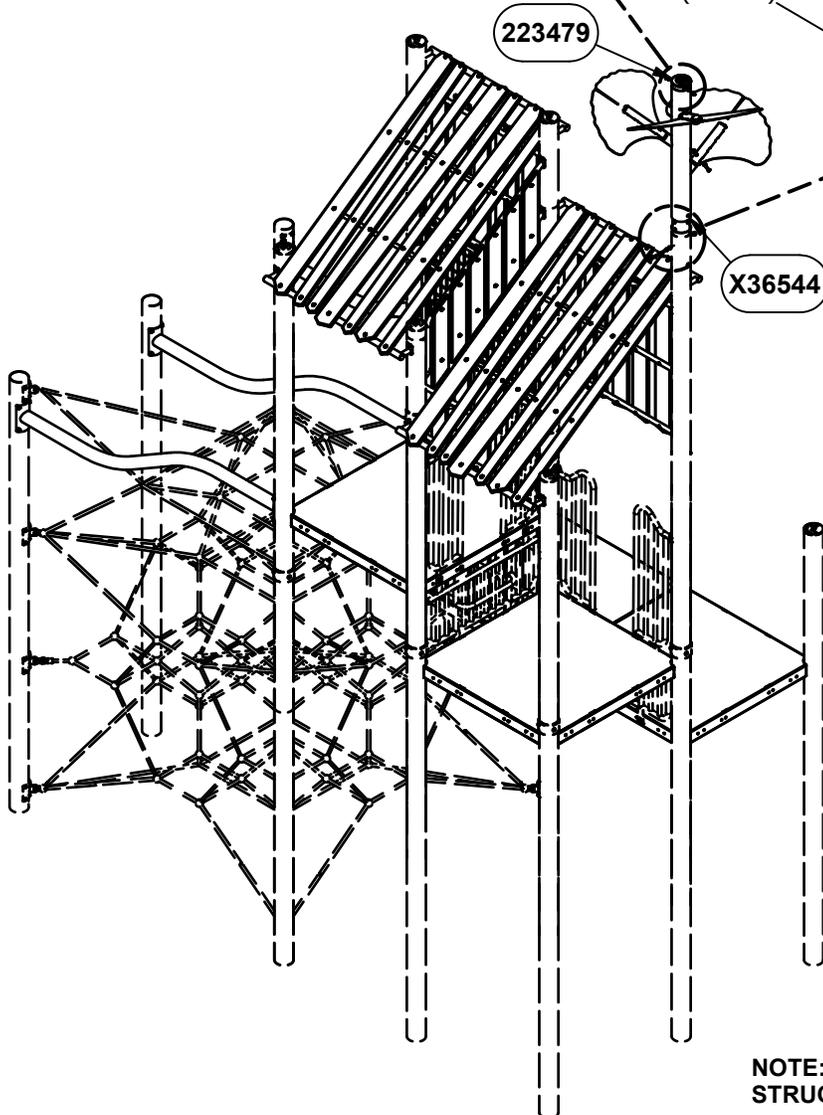
**STEP 17**  
2 PLACES

1/4" x 1" SELF TAPPING TORX w/PATCH (HWS0021)



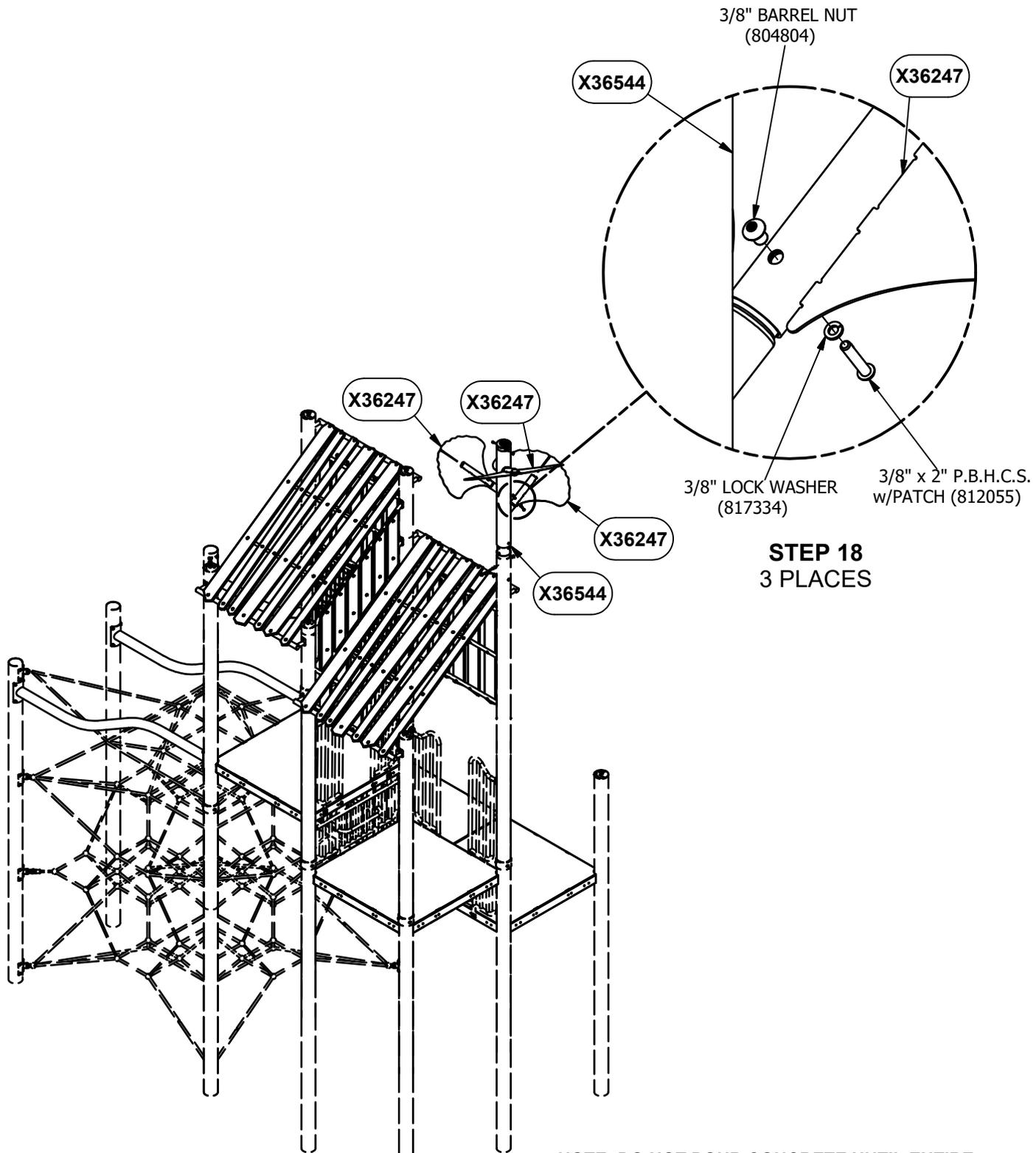
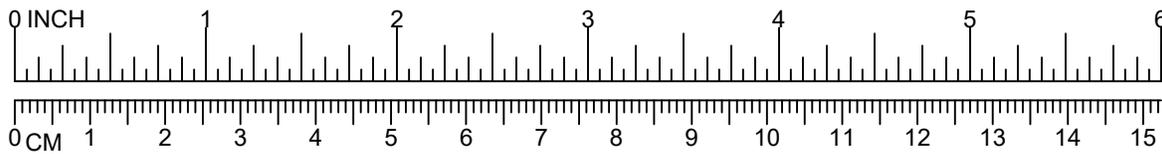
**STEP 16**  
2 PLACES

3/8" x 5" P.B.H.C.S. w/PATCH (812078)



**DETAIL VIEW**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



3/8" BARREL NUT  
(804804)

X36544

X36247

X36247

X36247

3/8" LOCK WASHER  
(817334)

3/8" x 2" P.B.H.C.S.  
w/PATCH (812055)

X36247

X36544

**STEP 18**  
**3 PLACES**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE  
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW**

Parts List		
DESCRIPTION	QTY	PART NUMBER
CHINNING BAR ASSEMBLY	6	165794
SLANT ROOF TIMBERS WELD ASSEMBLY	2	207236
TOP CHANNEL WELD ASSEMBLY	2	X19634
SIDE CHANNEL WELD ASSEMBLY	1	X19638
SIDE CHANNEL WELD ASSEMBLY	1	X29326
GUARDRAIL WELD ASSEMBLY	3	X34556
TOPPER EXTENSION WELD ASSEMBLY	1	X36544
LEAF TOPPER WELD ASSEMBLY	3	X36247
CROSS BAR WELD ASSEMBLY	12	X36542
INFILL FRAME WELD ASSEMBLY	1	X36579
SQUARE DECK	4	163307
SWIRL CAP	1	223479
WIRE WINDOW	1	X19640
GINKGO VINE	2	X36346
GINKGO VINE	1	X36347
TIMBER 20	2	207241
TIMBER 21	2	207242
TIMBER 22	6	207243
TIMBER 23	4	207244
OVERLOOK INFILL TIMBER PLANK	3	X36547
INFILL TIMBER PLANK	3	X36548
LOWER TIMBER PLANK	2	X36549
LOWER WALL TIMBER PLANK	2	X36550
LOWER WALL FILLER TIMBER PLANK	1	X36551
LOWER REAR WALL FILLER TIMBER PLANK	1	X36552
UPPER TIMBER PLANK	4	X36553
UPPER WALL TIMBER PLANK	4	X36554
UPPER WALL FILLER TIMBER PLANK	2	X36555
UPPER REAR WALL FILLER TIMBER PLANK	2	X36556

**CONTINUES TO NEXT PAGE**

Parts List		
DESCRIPTION	QTY	PART NUMBER
<b>HARDWARE COMPLETE</b>	1	6929HW
5/16" x 1 1/4" P.B.H.C.S. w/PATCH	20	812044*
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	84	812047*
5/16" x 2" P.B.H.C.S. w/PATCH	36	812046*
5/16" FLAT WASHER (11/16" O.D.)	140	817406*
5/16" STAINLESS STEEL BARREL NUT	140	804813*
1/4" x 1" SELF TAPPING TORX w/PATCH	2	HWS0021*
1 1/4" S.S. WOOD SCREW	20	813039*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	79	812051*
3/8" x 1 1/2" P.B.H.C.S.	32	810053*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	18	812053*
3/8" x 2" P.B.H.C.S. w/PATCH	3	812055*
3/8" x 5" P.B.H.C.S. w/PATCH	2	812078*
3/8" FLAT WASHER	87	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	34	817424*
3/8" LOCK WASHER	51	817334*
3/8" T-NUT	2	804556*
3/8" T-NUT STAINLESS STEEL	4	804560*
3/8" BARREL NUT	5	804804*
O-RING	1	169362*

Unless Otherwise Specified, All Units of Measure are Each  
\* Included in Hardware

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.**

**Note: Loctite (supplied by others) should be used on any non-patch hardware.**

**To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.**

### **MAINTENANCE PROCEDURE:**

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.