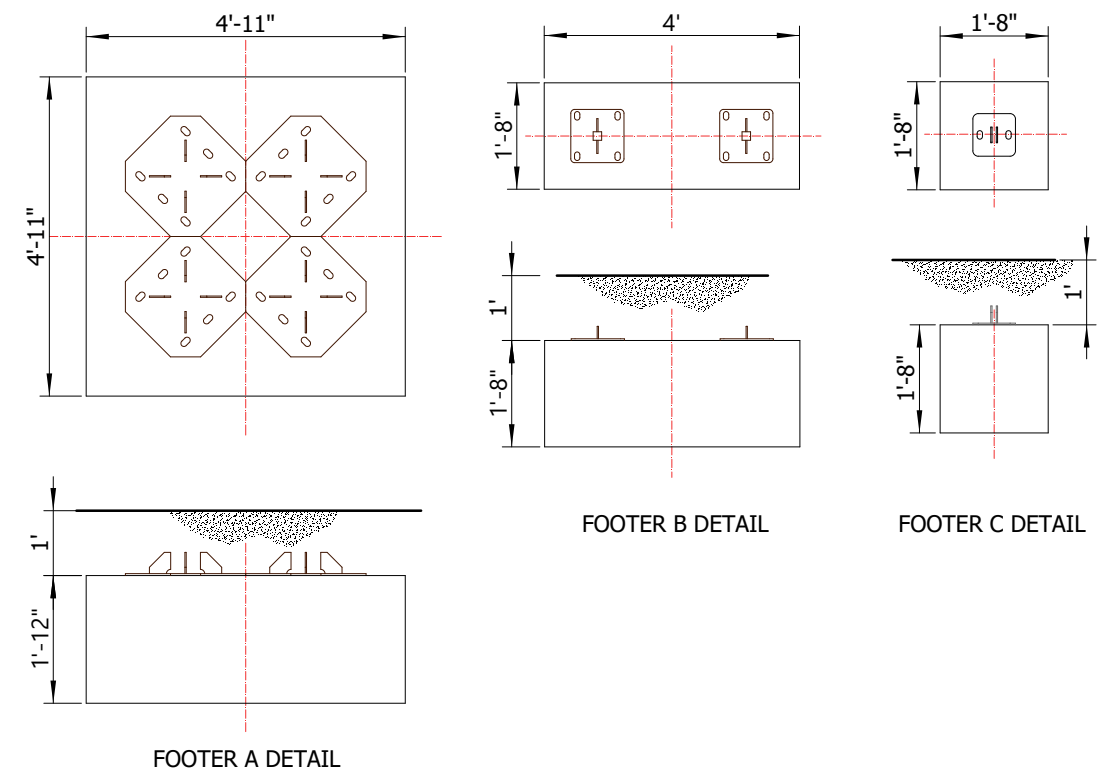
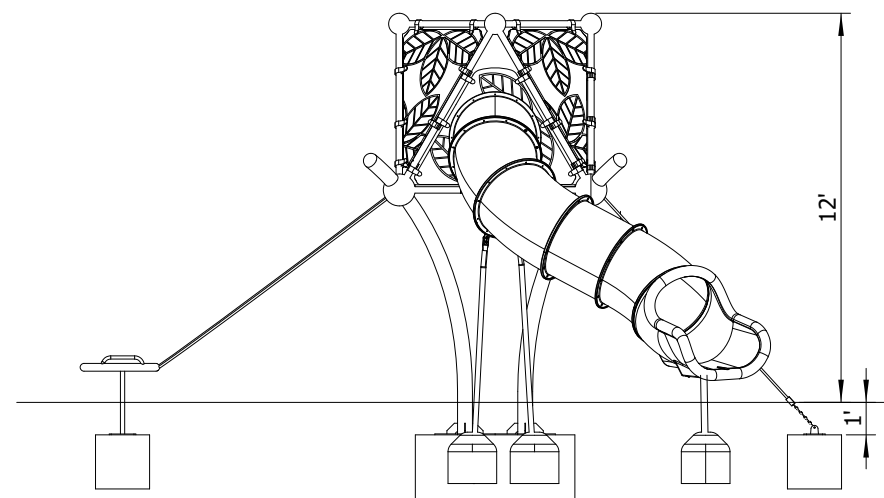
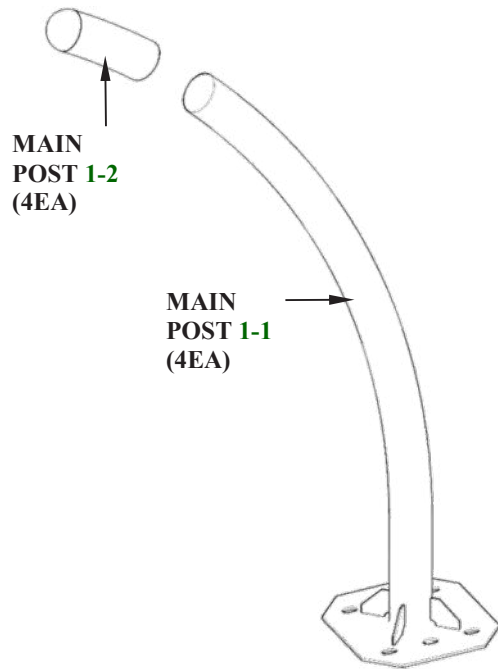


LAYOUT DRAWING



1. Excavate footer holes
2. Fill with concrete and level
3. Once concrete has cured, continue with assembly

POST/NET LIST

125A**50A**

POST 1(4EA)



POST 2(6EA)



POST 3-1(1EA)



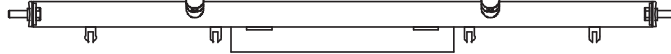
POST 3-2(1EA)



POST 4(1EA)



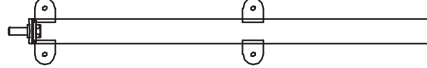
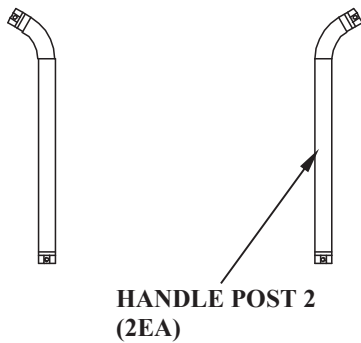
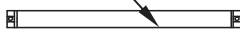
POST 5(1EA)



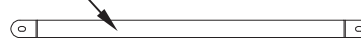
POST 6(2EA)



POST 7(4EA)

**32A**HANDLE POST 1
(1EA)**SUPPORT PIPE**

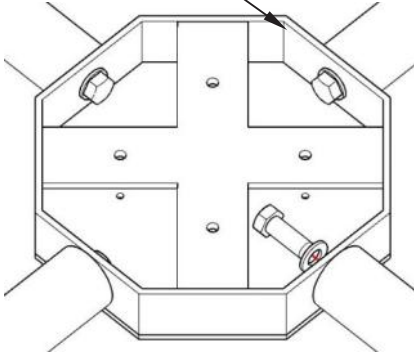
POST 8(4EA)



POST/NET LIST

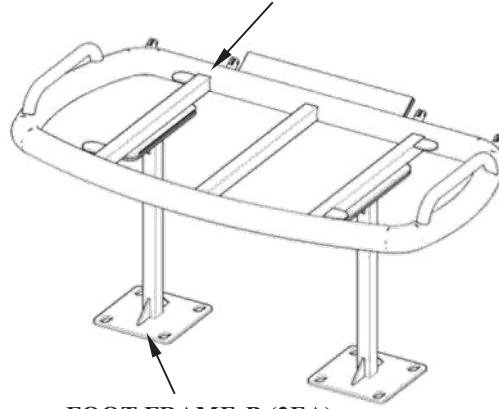
CONNECTOR

CENTER
CONNECTOR (1EA)



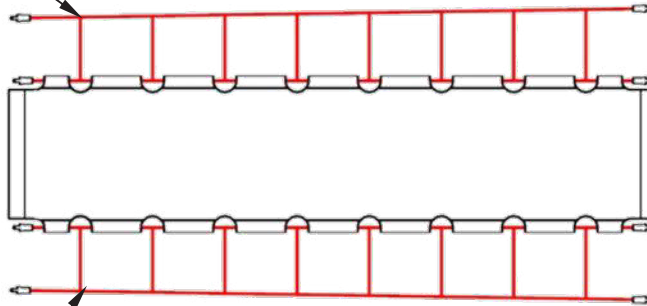
FRAME

FOOT FRAME-A (1EA)



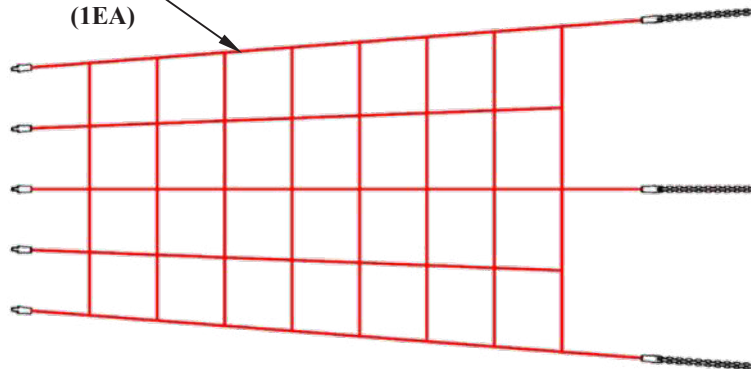
NET

NET 1-1
(1EA)

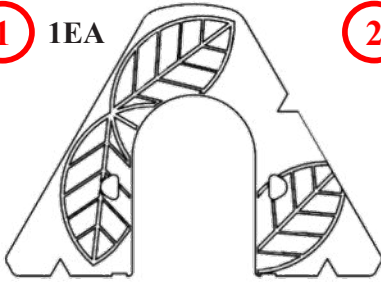
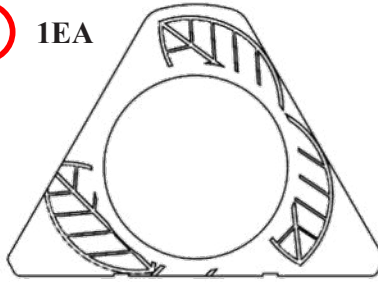
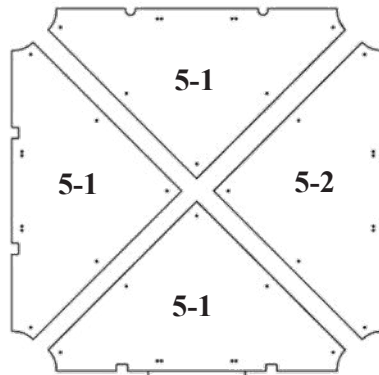
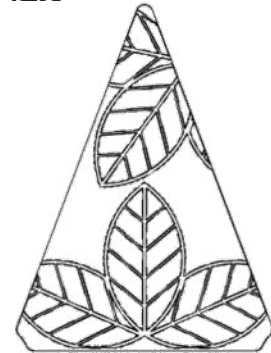
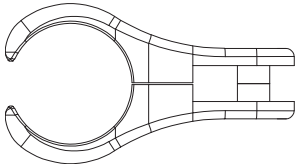
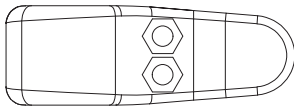
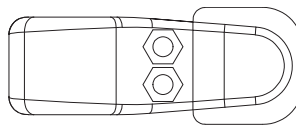
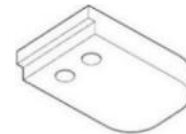
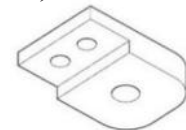
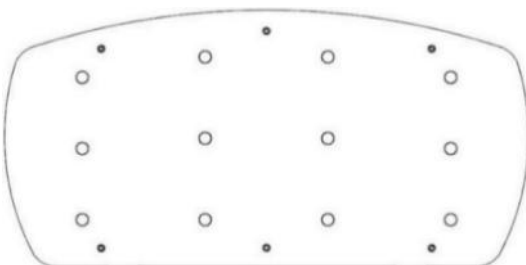


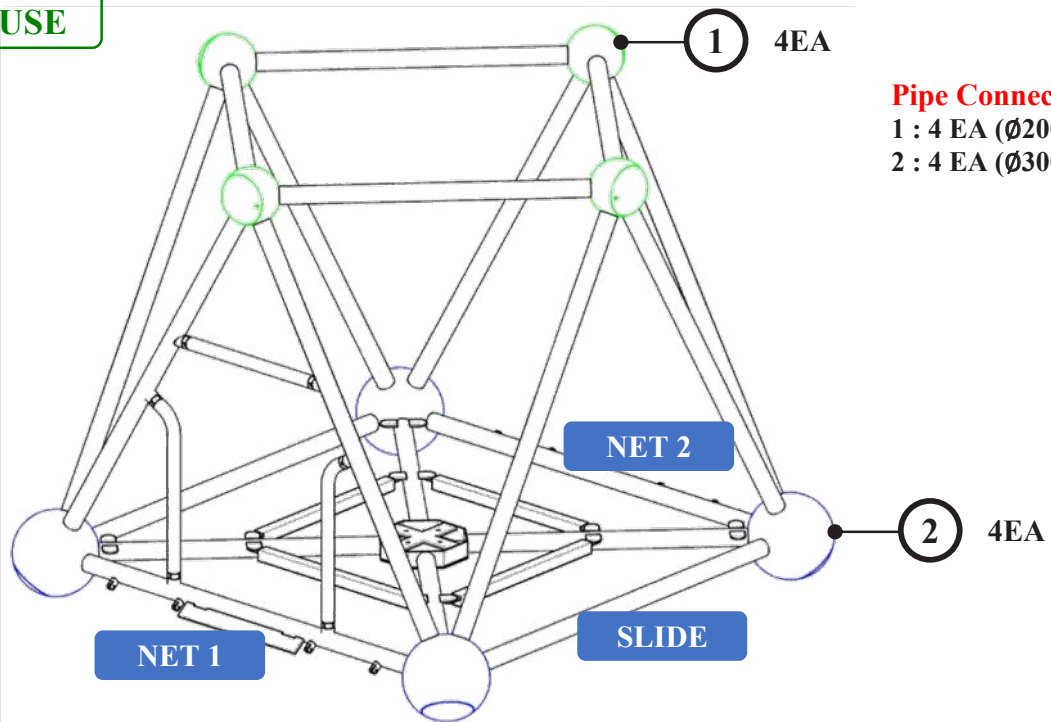
NET 1-2
(1EA)

NET 2
(1EA)



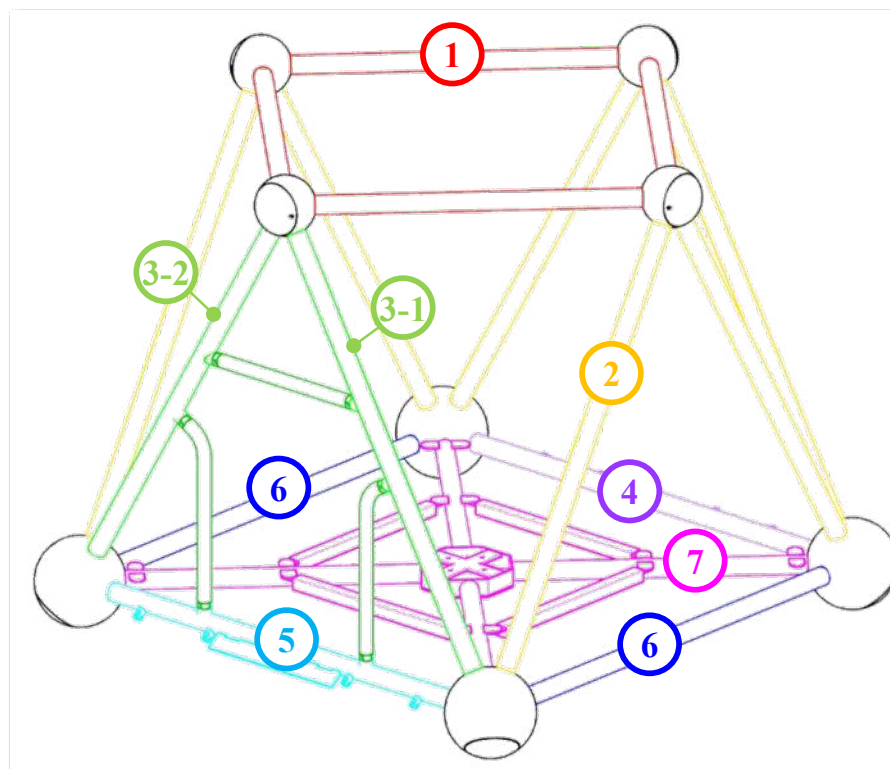
PANEL LIST

HOUSE PANEL**1** 1EA**2** 1EA**3** 1EA**5** 4EA**4** 4EA**CLAMP****PANEL CLAMP L
(52 SET)****PANEL CLAMP L + PLATE
(8 EA)****SUPPORT PANEL-A
(8EA)****SUPPORT PANEL-B
(8EA)****PANEL****FOOT PANEL / 1EA**

HOUSE**Pipe Connector List**

1 : 4 EA (Ø200)

2 : 4 EA (Ø300)

**Pipe List**

1 : 4 EA

2 : 6 EA

3-1 : 1 EA

3-2 : 1 EA

4 : 1 EA

5 : 1 EA

6 : 2 EA

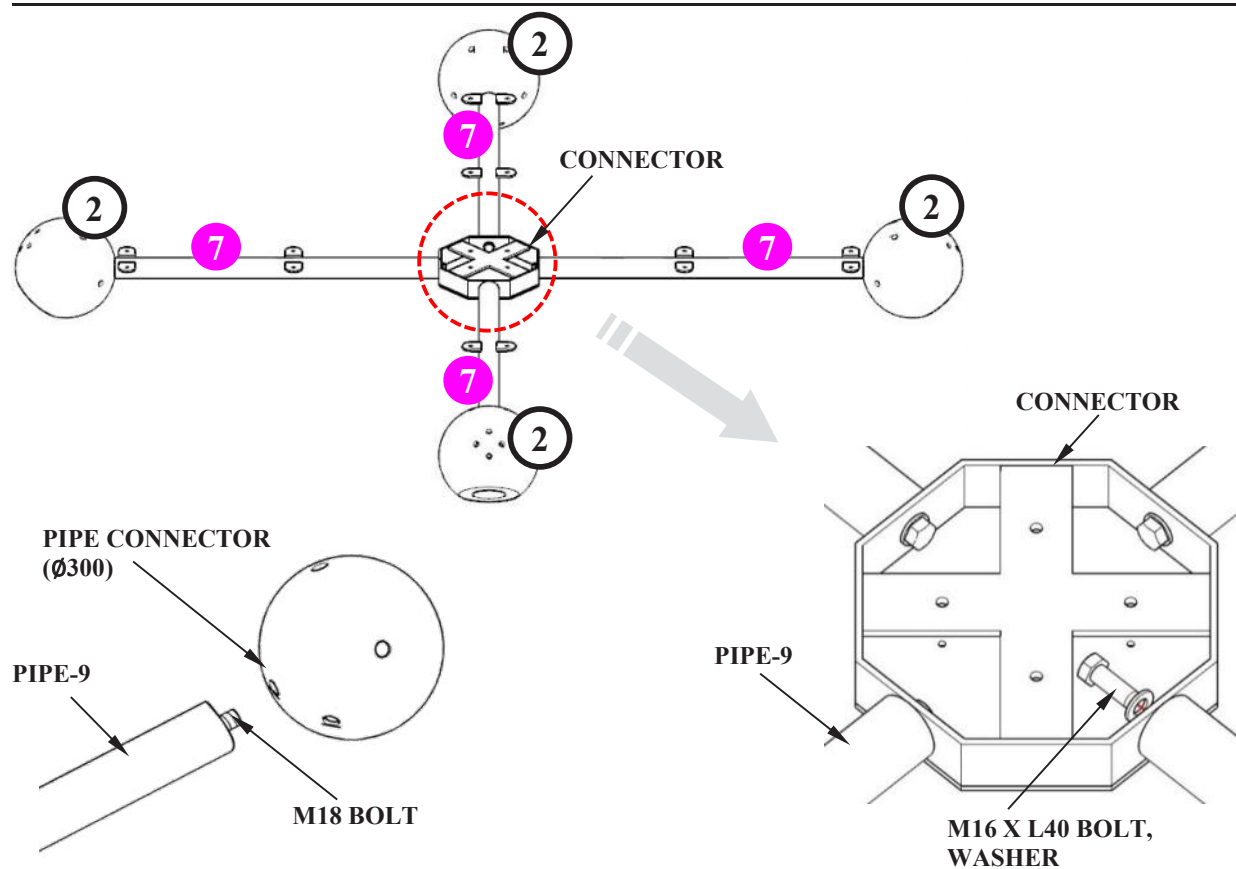
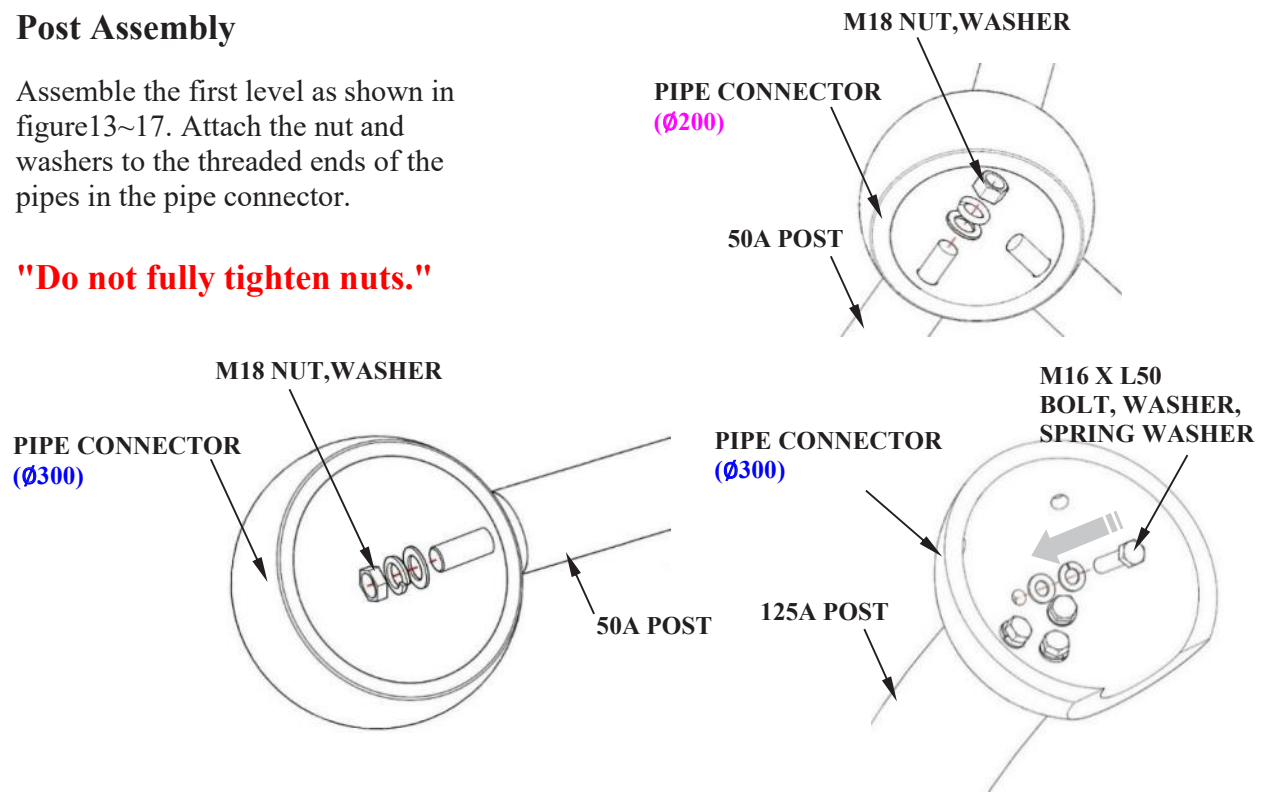
7 : 4 EA

HOUSE ASSEMBLY 1

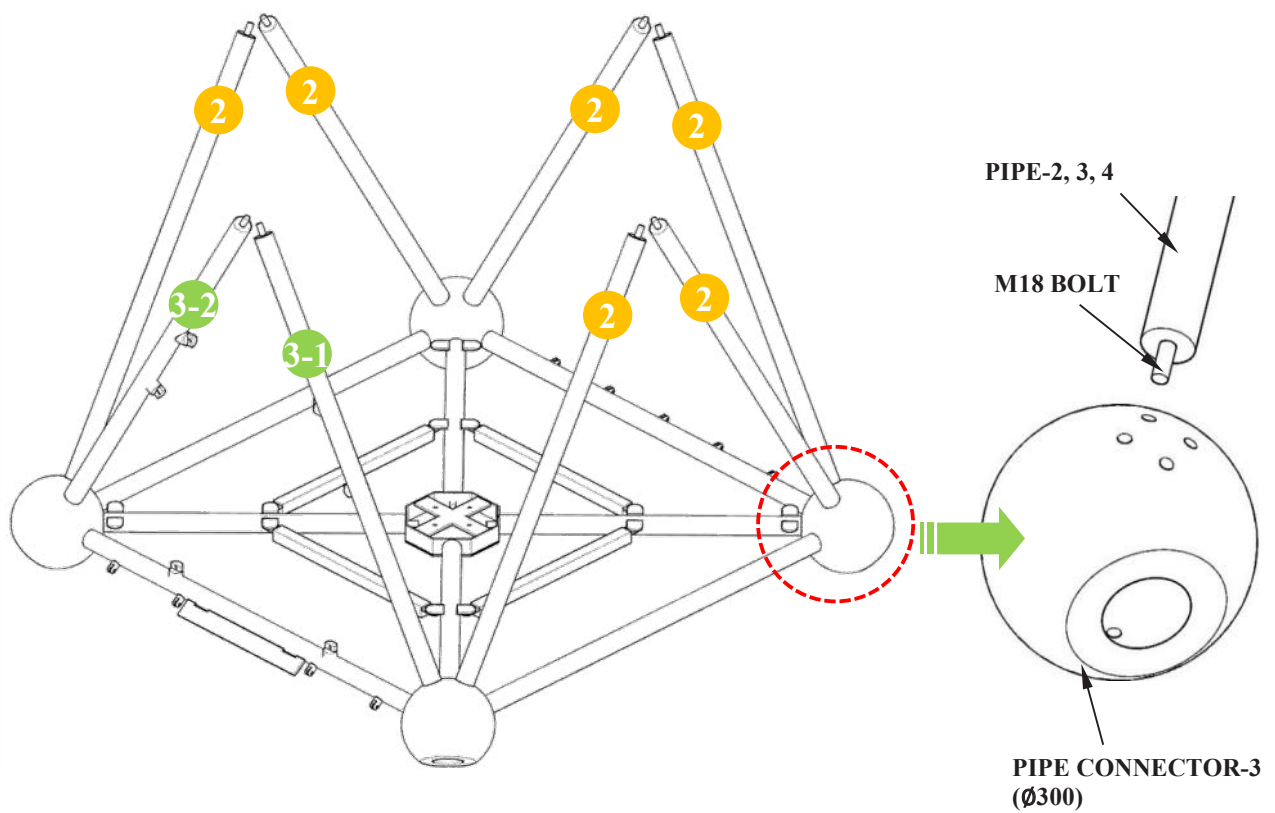
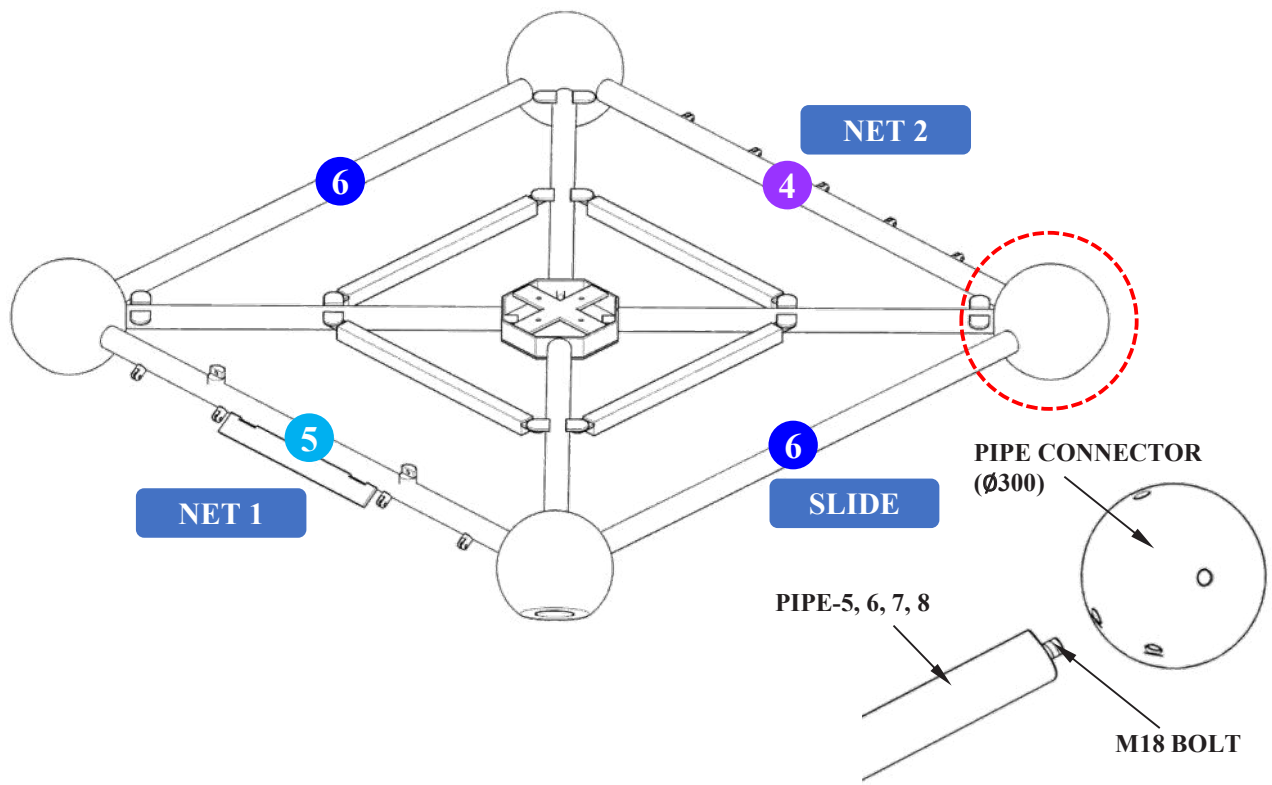
Post Assembly

Assemble the first level as shown in figure13~17. Attach the nut and washers to the threaded ends of the pipes in the pipe connector.

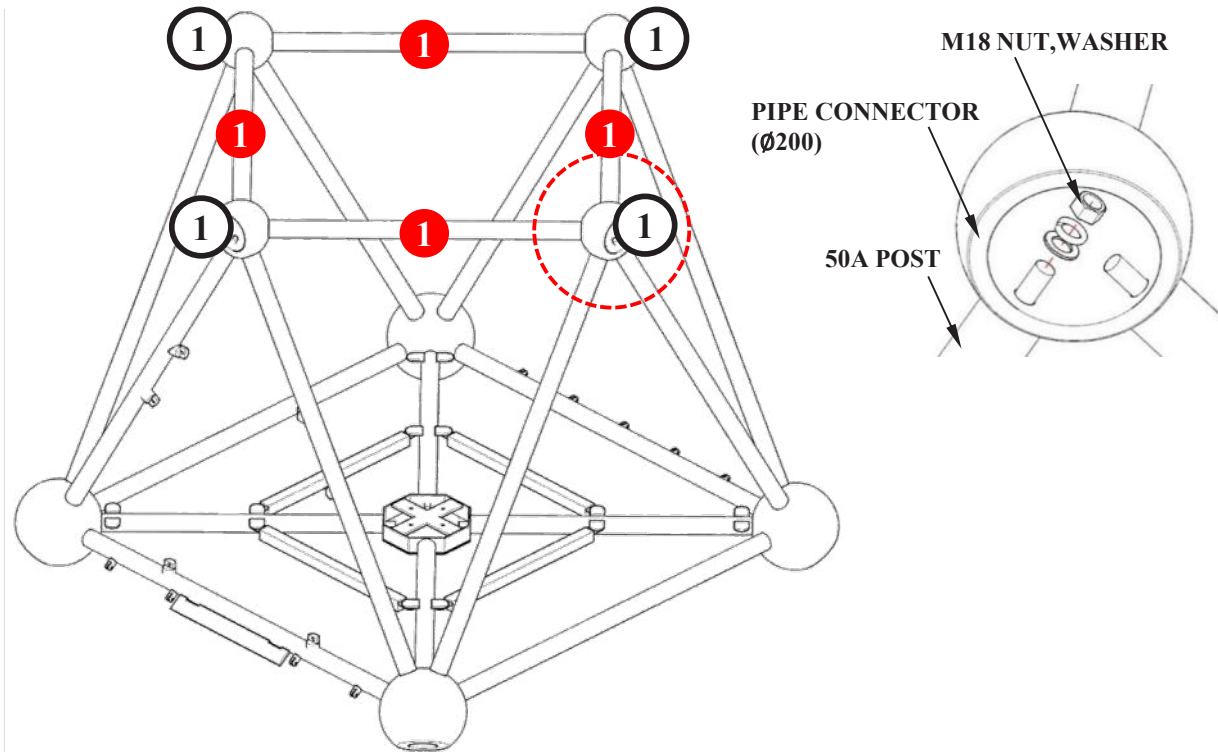
"Do not fully tighten nuts."



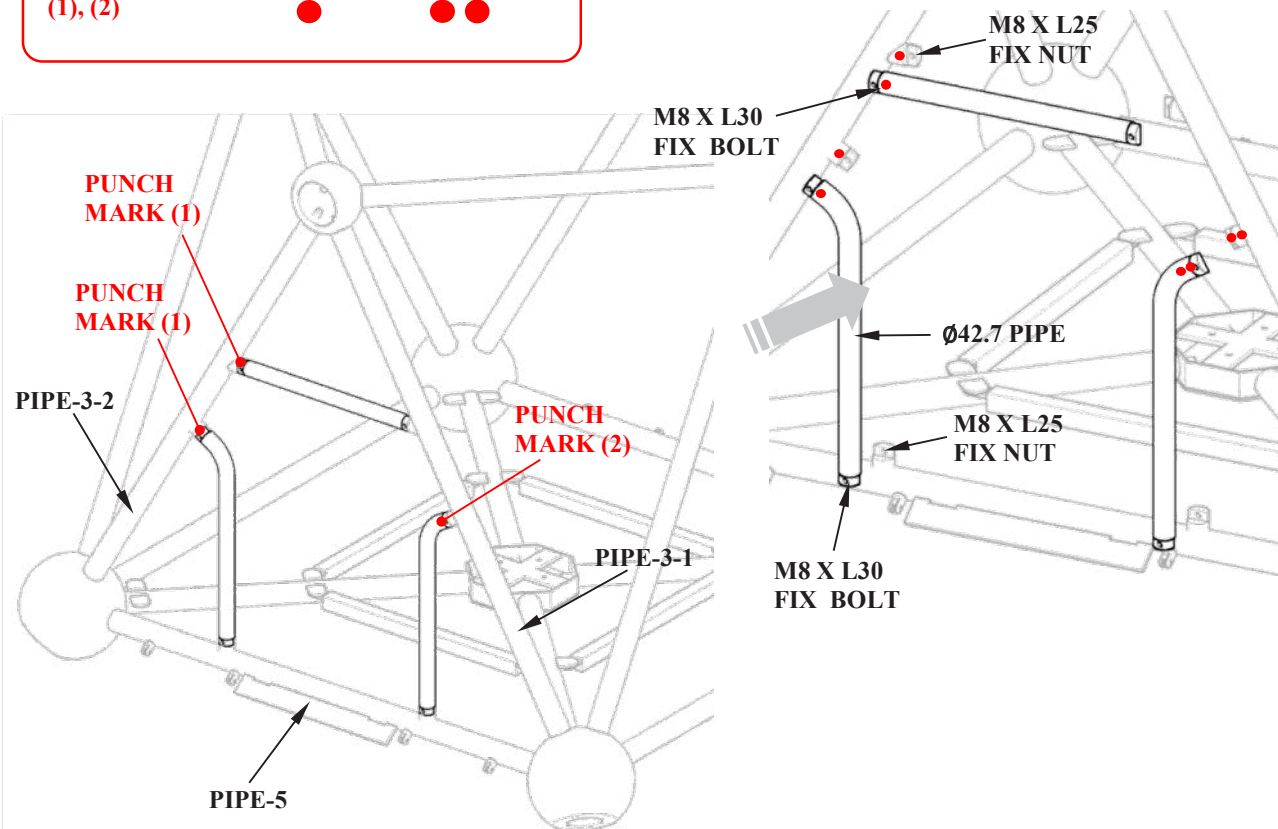
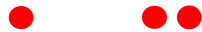
HOUSE ASSEMBLY 2



HOUSE ASSEMBLY 3



PUNCH MARK
(1), (2)



PANEL ASSEMBLY 1

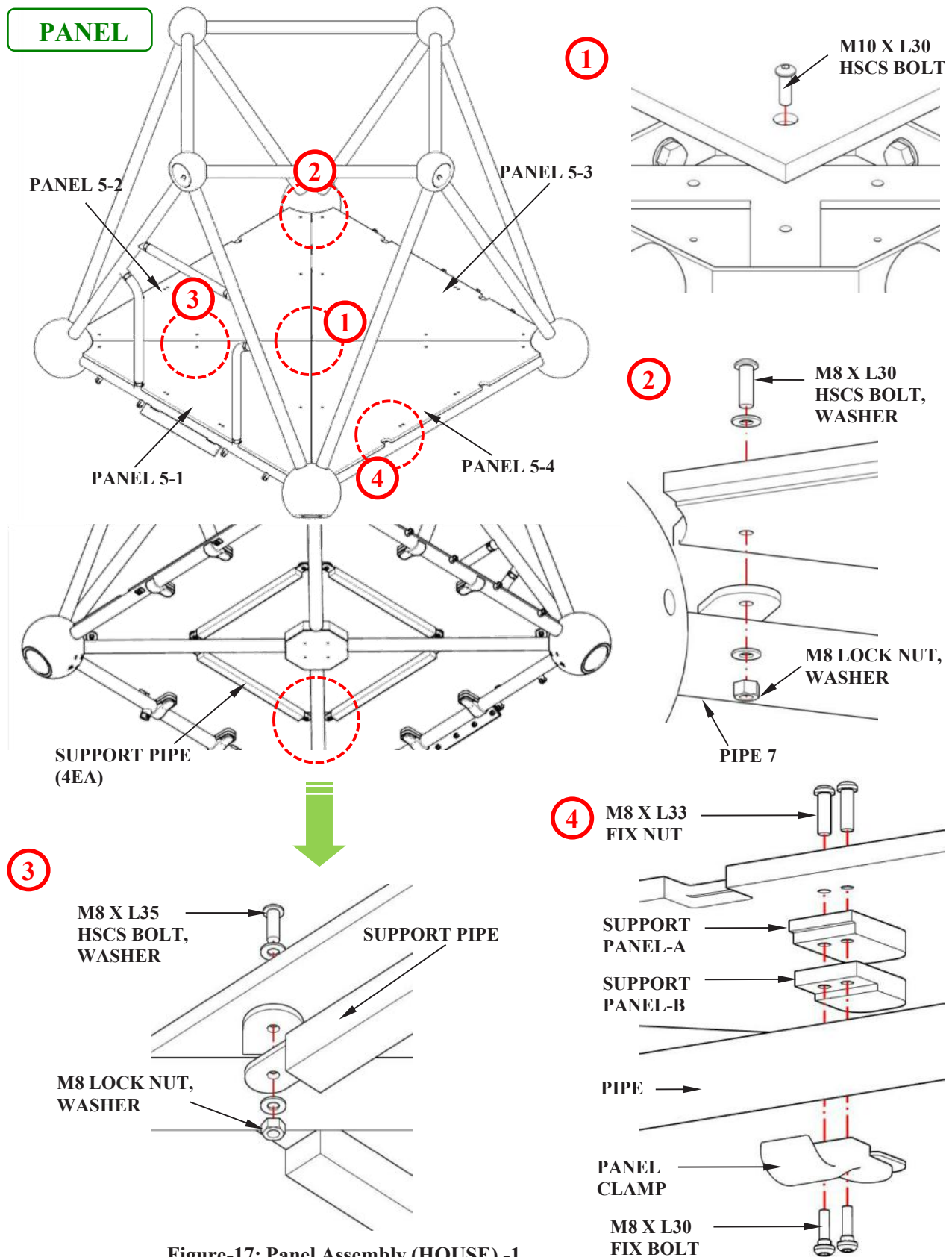
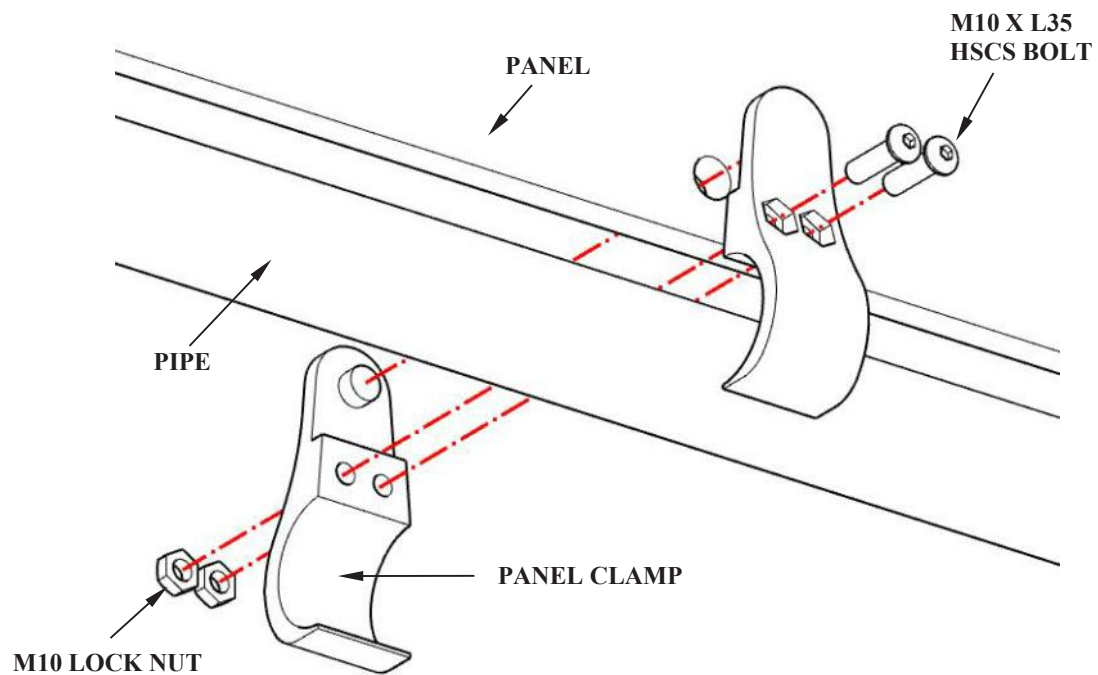
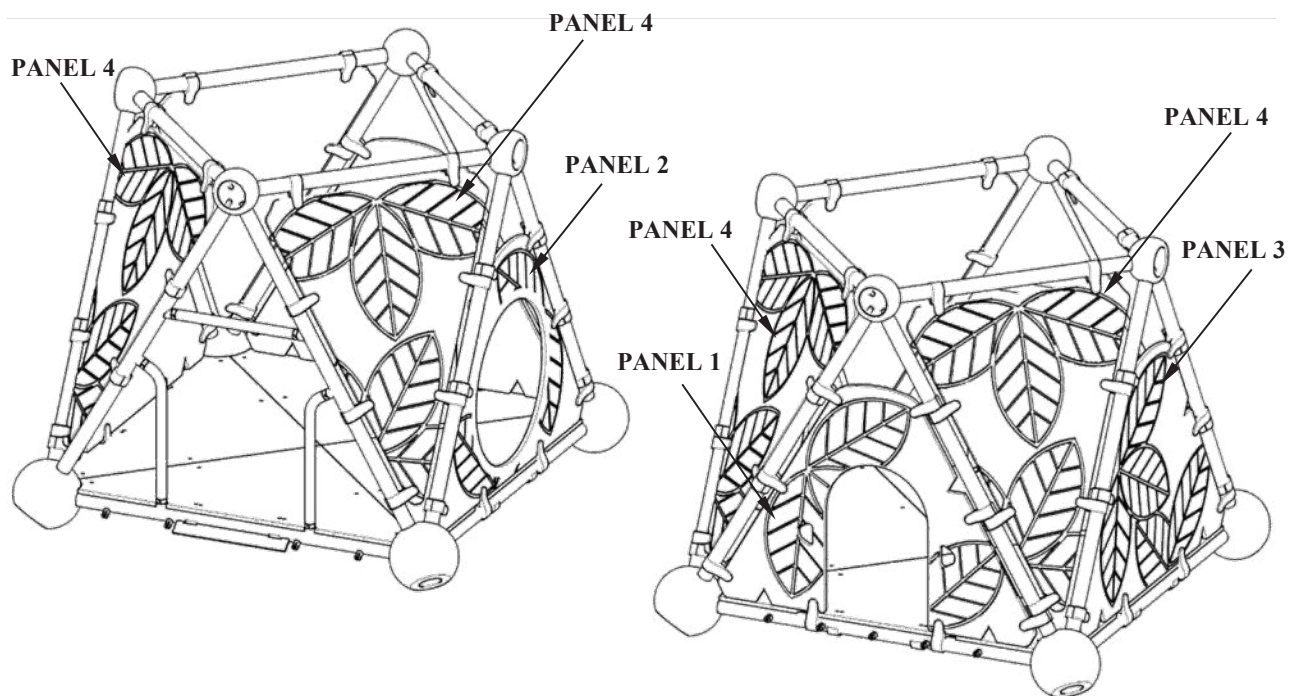


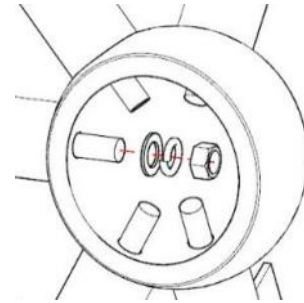
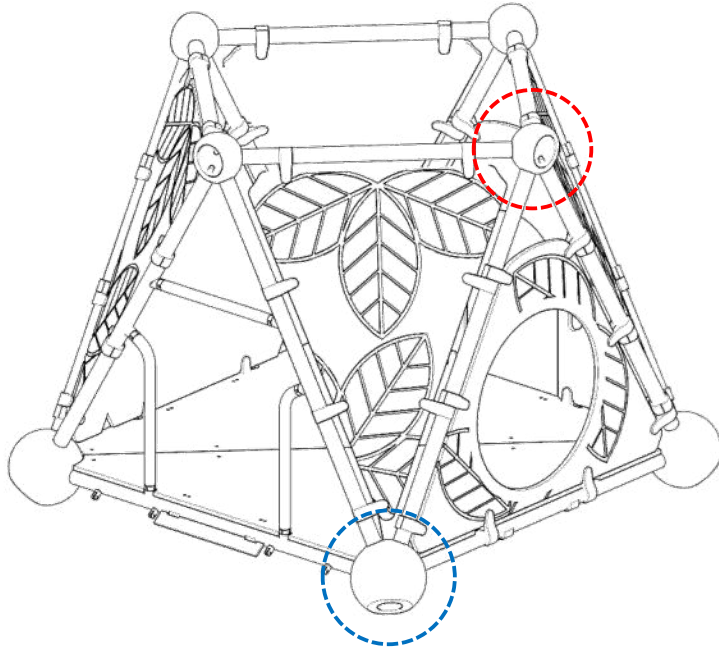
Figure-17: Panel Assembly (HOUSE) -1

PANEL ASSEMBLY 2

Adjust All panel and clamps position,
then tighten the bolt.

**PANEL**

Tighten all nuts and bolts fully

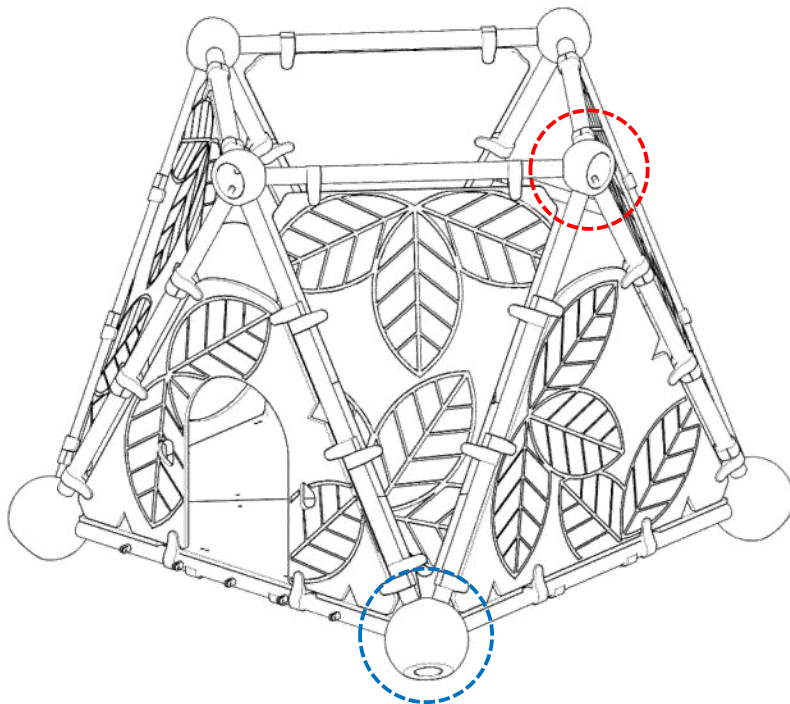
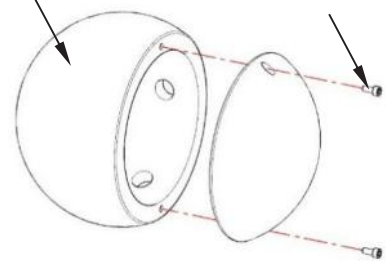


PIPE CONNECTOR 1

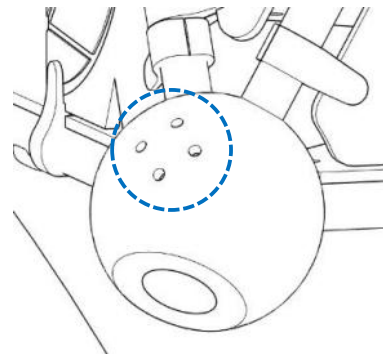


**PIPE
CONNECTOR (Ø200)**

**M5 X L15
BOLT**

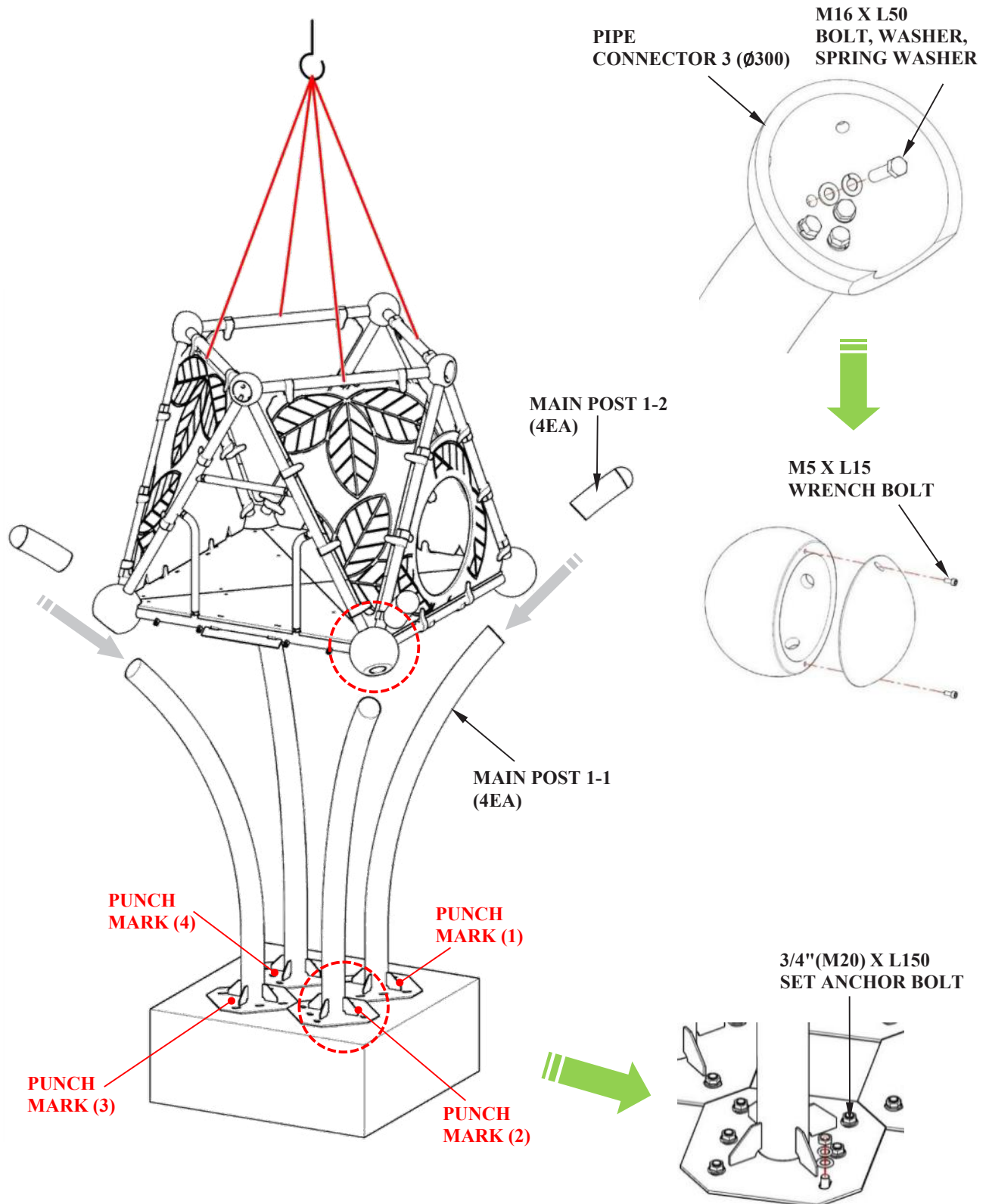


Do not close the lid until the connection



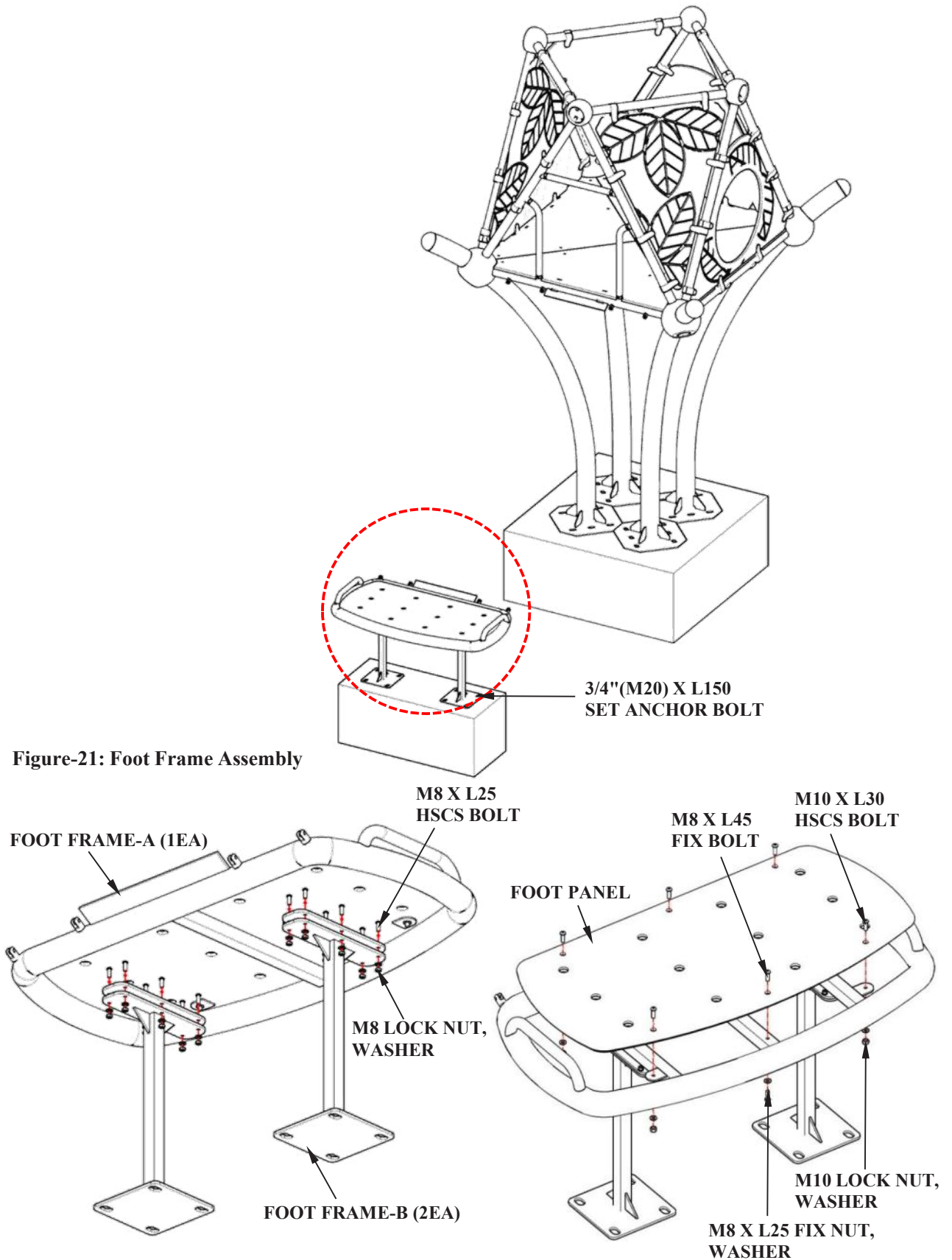
PIPE CONNECTOR 2

MAIN POST ASSEMBLY

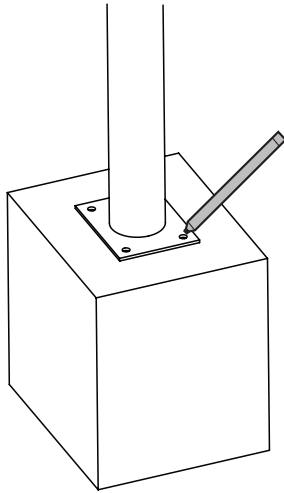




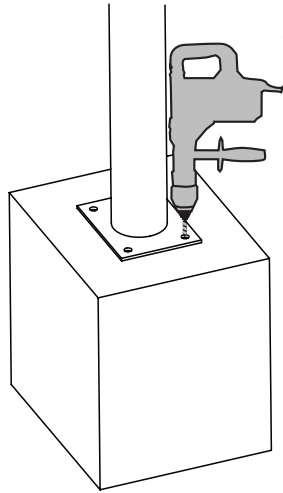
Foot Frame Assembly RC-NTS1002



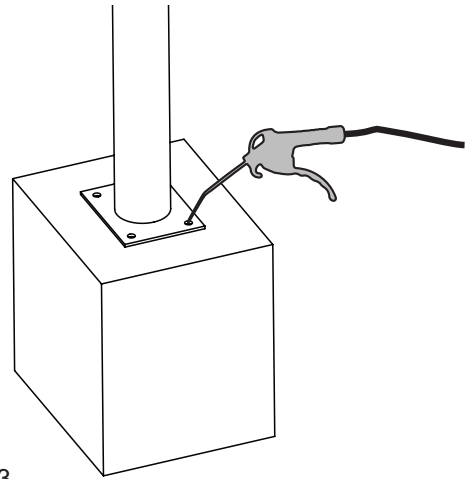
EXPANSION BOLT INSTALLATION(TYPICAL)



1

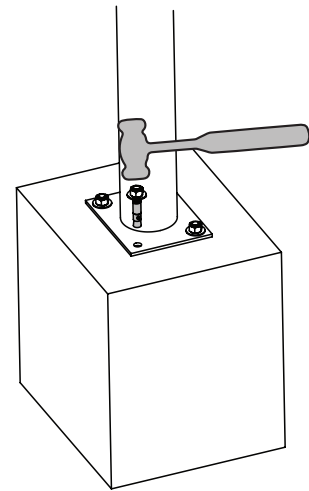


2

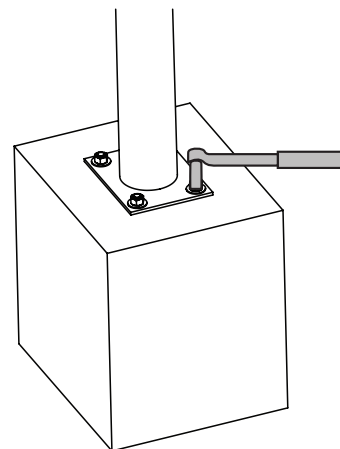


3

1. Use the base plates as a template to locate the anchor holes.
2. Use a hammer drill to drill the holes. The drill diameter must match the bolt and the depth must be at least the bolt length.
3. Clean the holes.
4. Assemble the washer and nut on the bolt and use a mallet to drive the bolts into the holes through the base plate.
5. Tighten the nut 3-5 turns past finger-tight to fix the anchor in place.

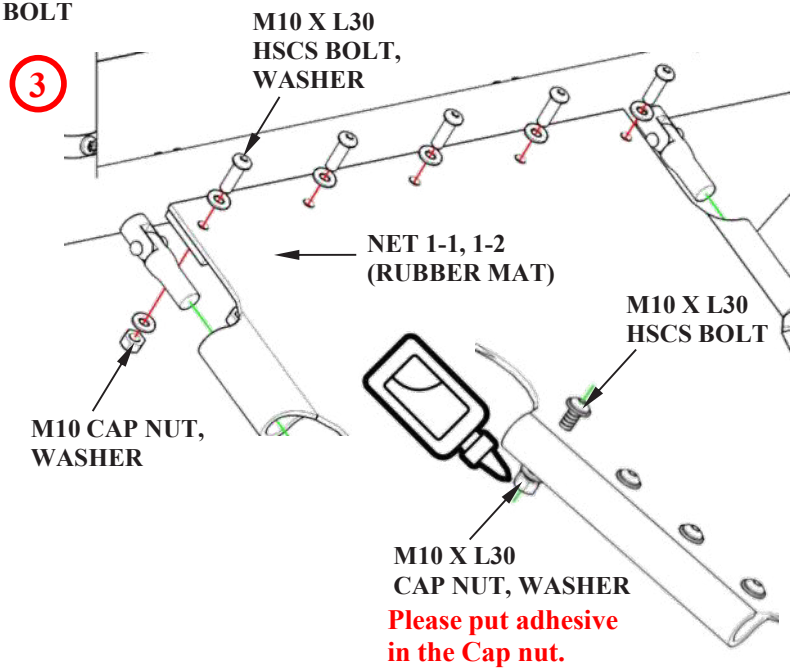
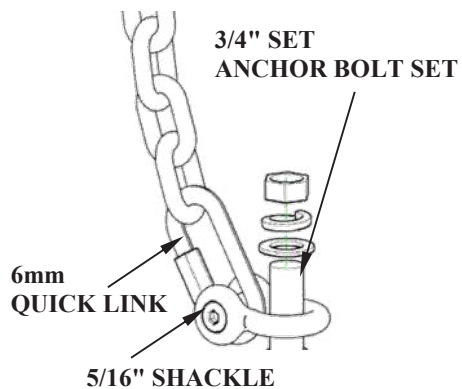
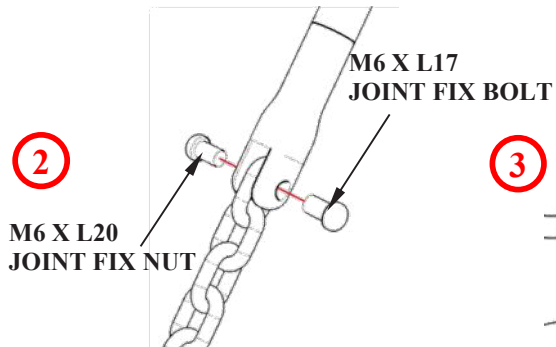
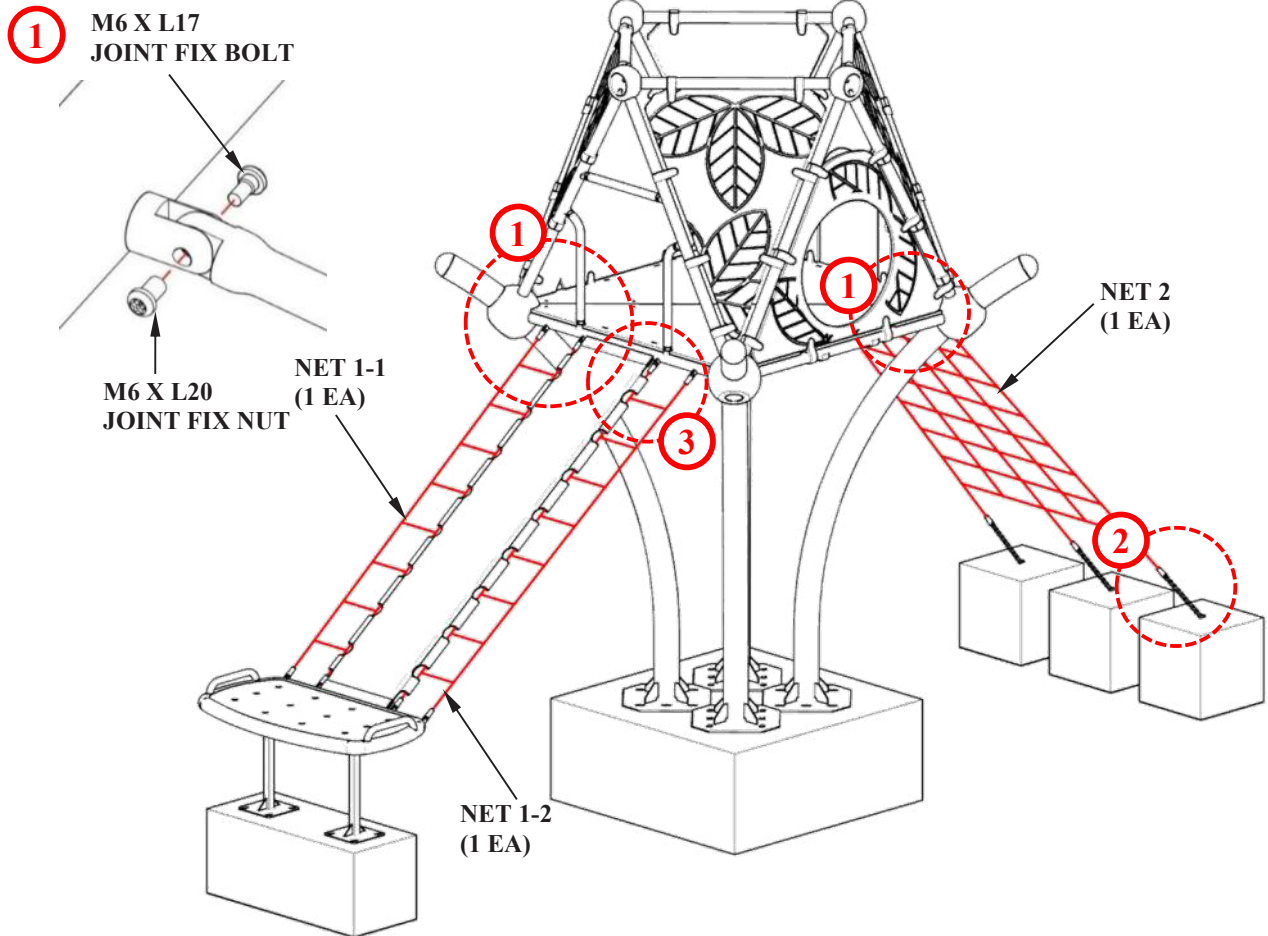


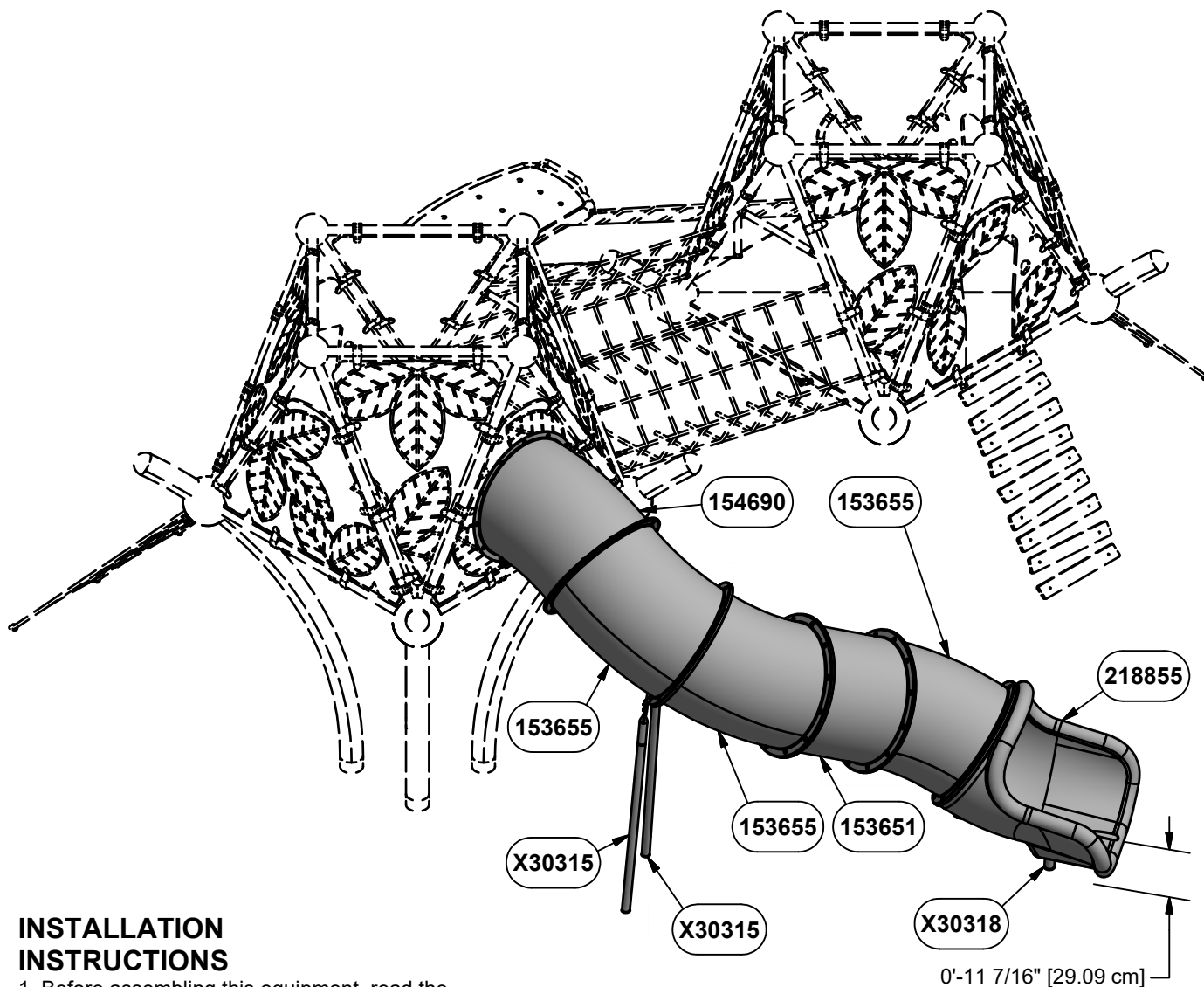
4



5

NET ASSEMBLY





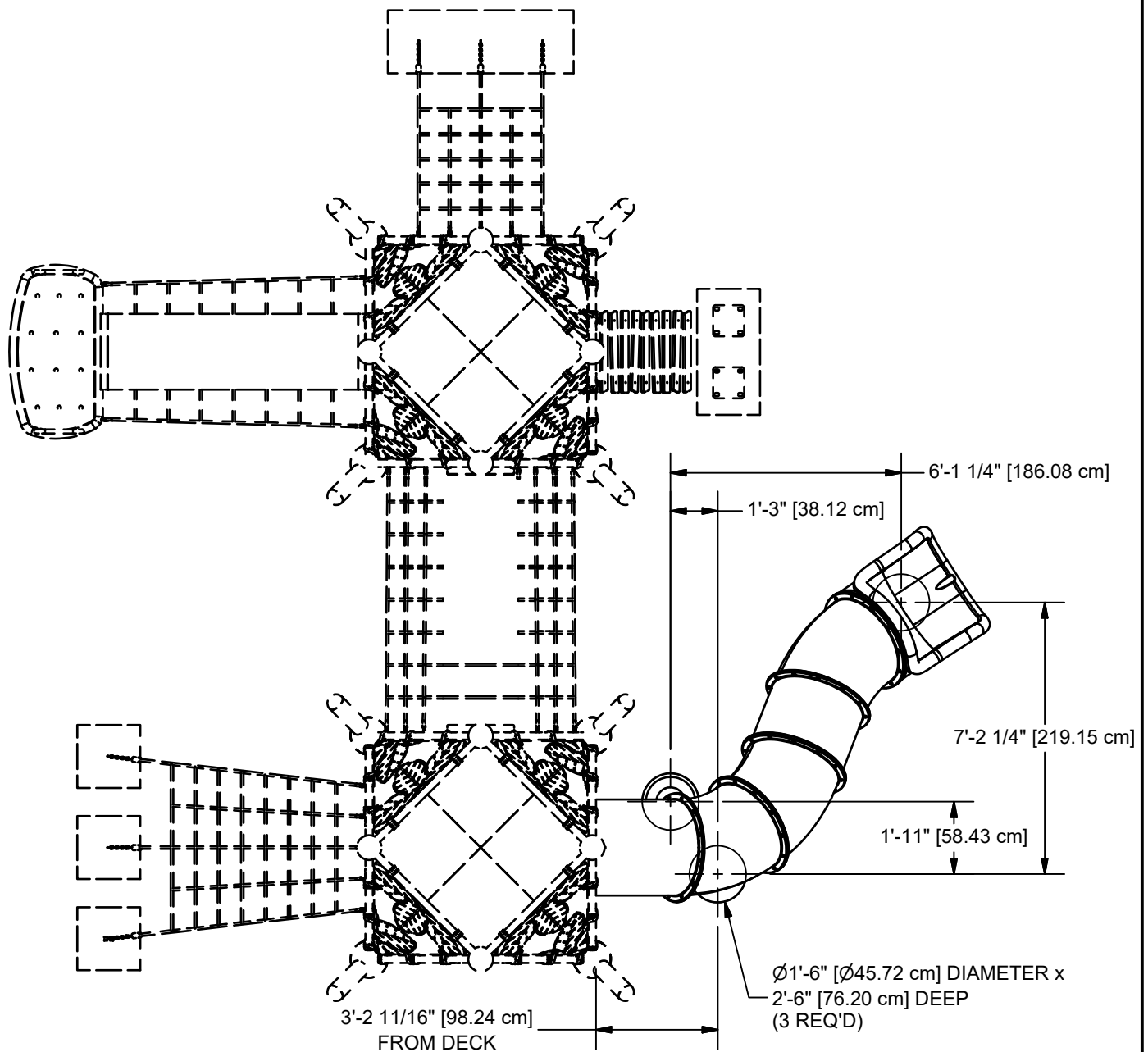
INSTALLATION INSTRUCTIONS

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 DRAWING

NOTE: SLIDE EXIT MUST MEASURE BETWEEN 7" TO 15". CAN NOT EXCEED 15"

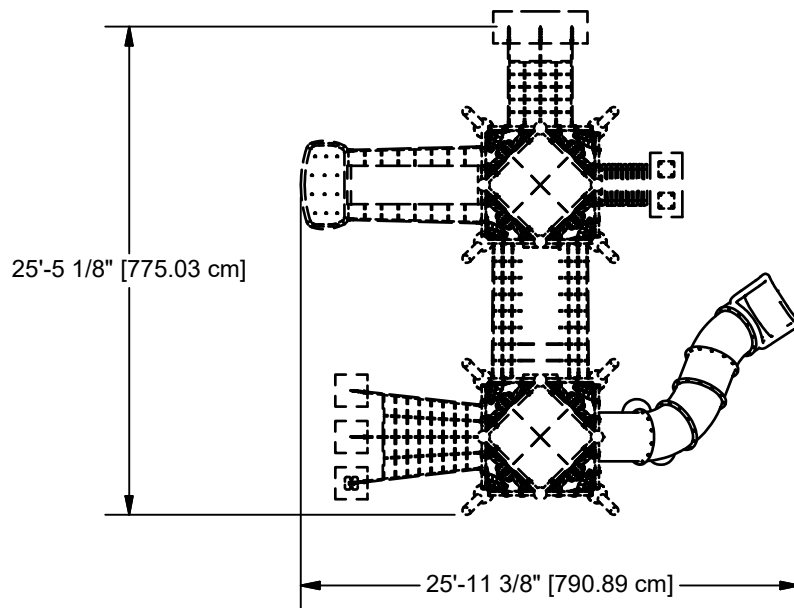
EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS



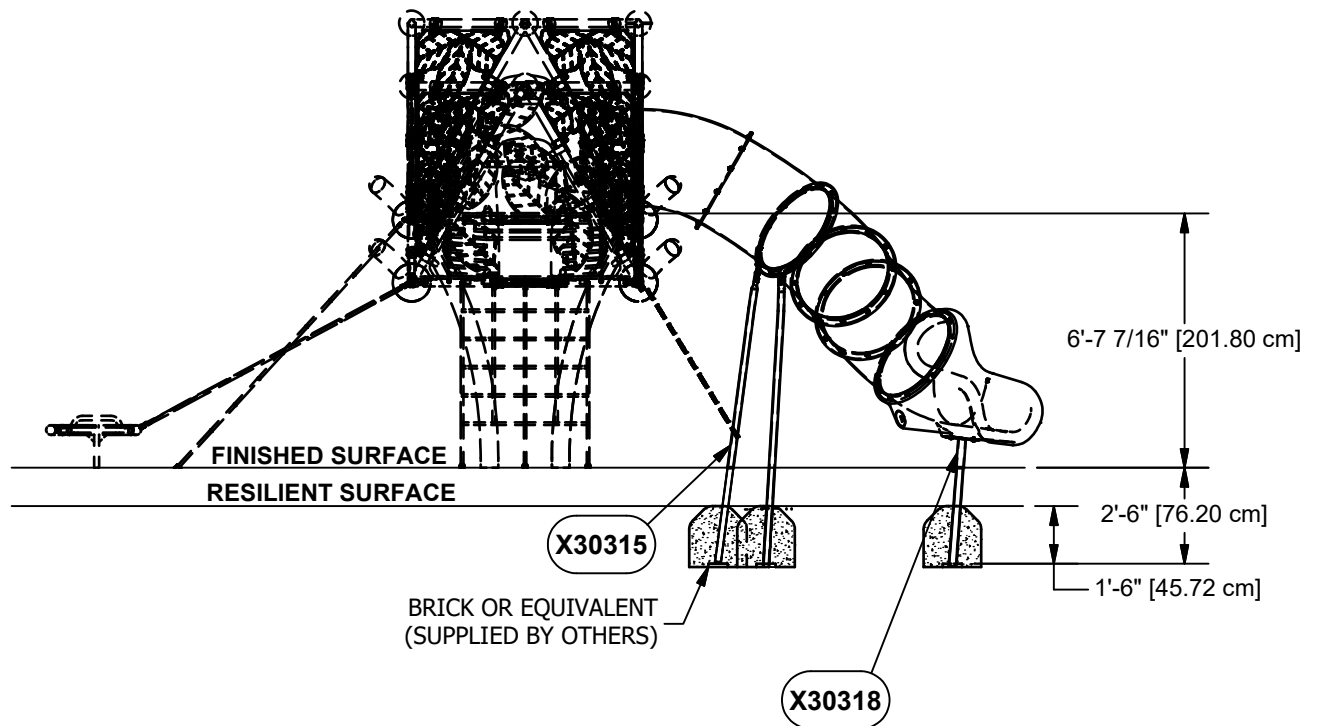
PLAN VIEW

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.

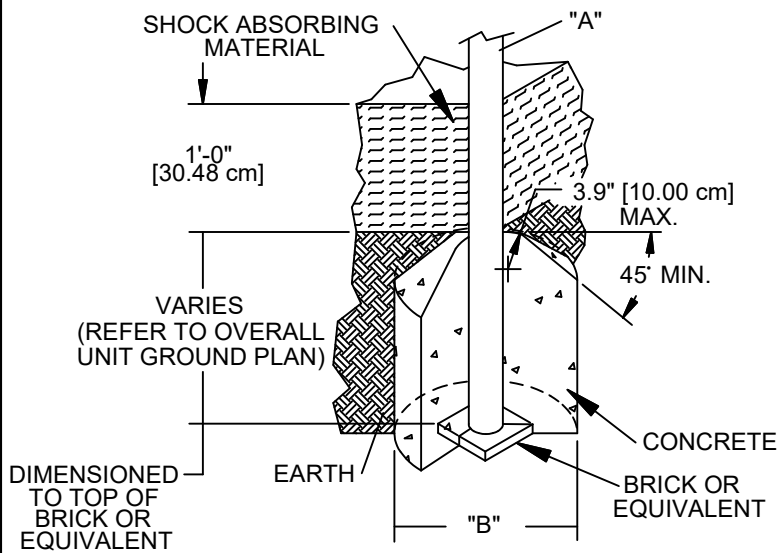
CONCRETE REQUIRED:
.30 CUBIC YARDS
[.23 CUBIC METERS]



TOP VIEW



ELEVATION VIEW



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" [45.72 cm]

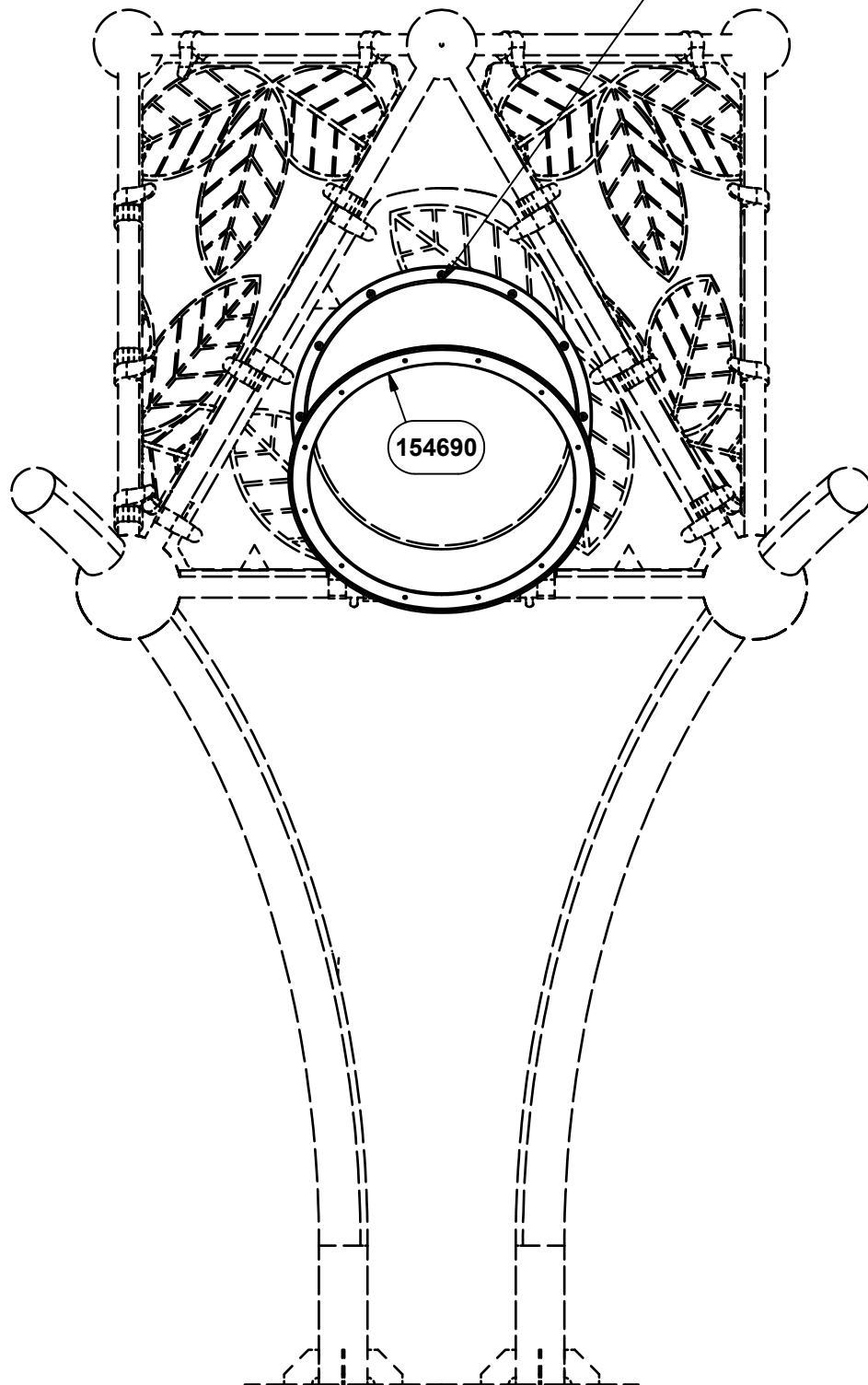
NOTES:

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

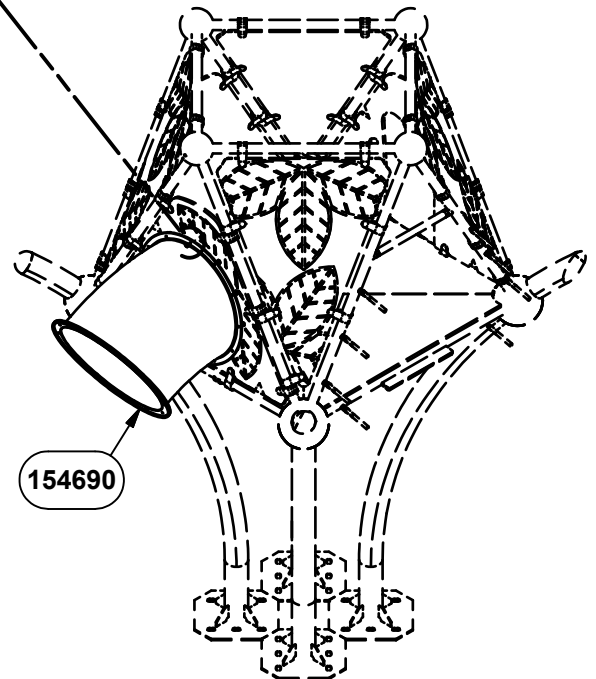
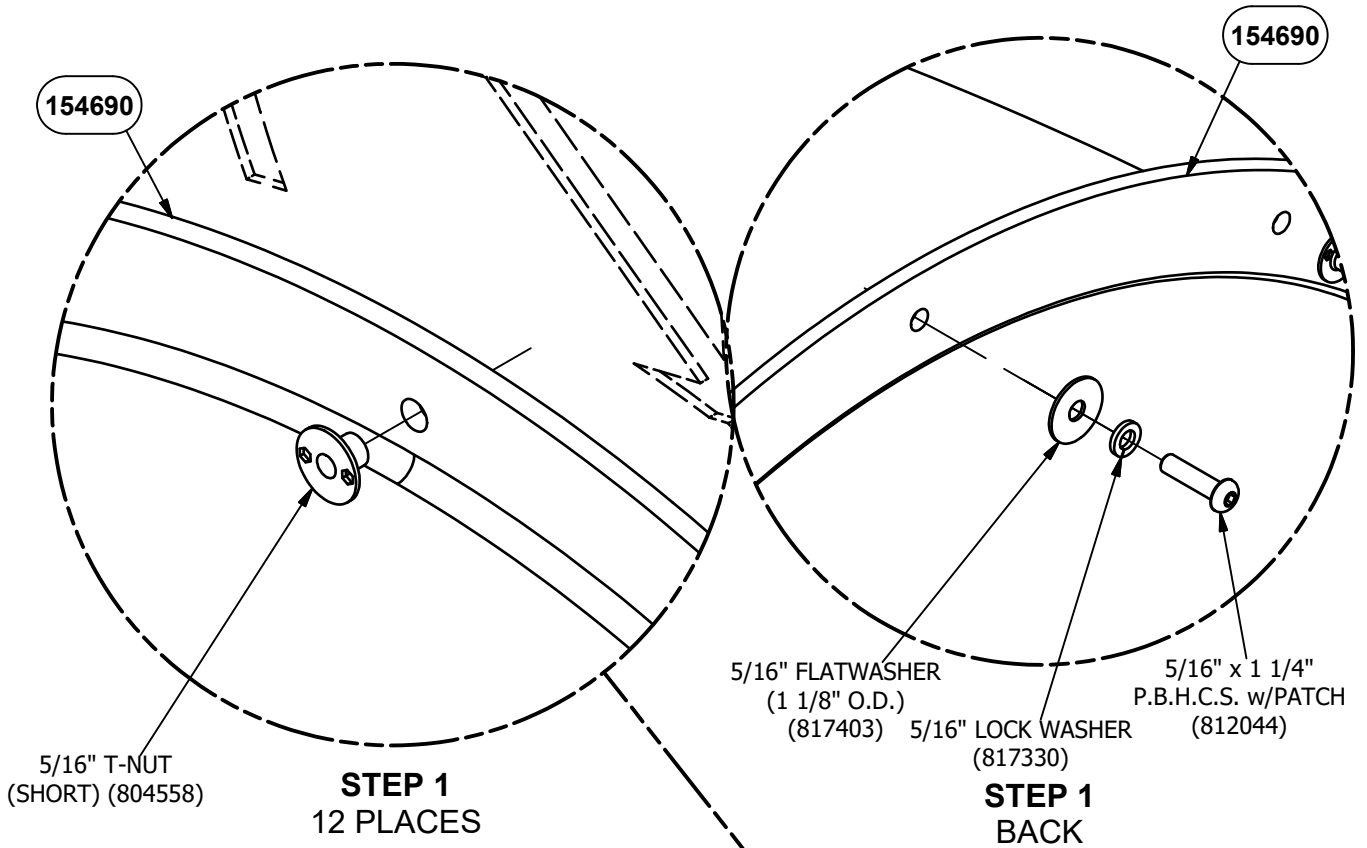
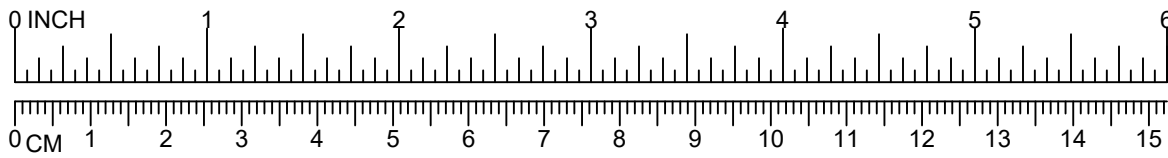
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL

ATTACH 30° ELBOW w/HOLES
ROTATED 15° (154690)
BY ALIGNING INDEX LINES AT
12 AND 6 O'CLOCK POSITIONS

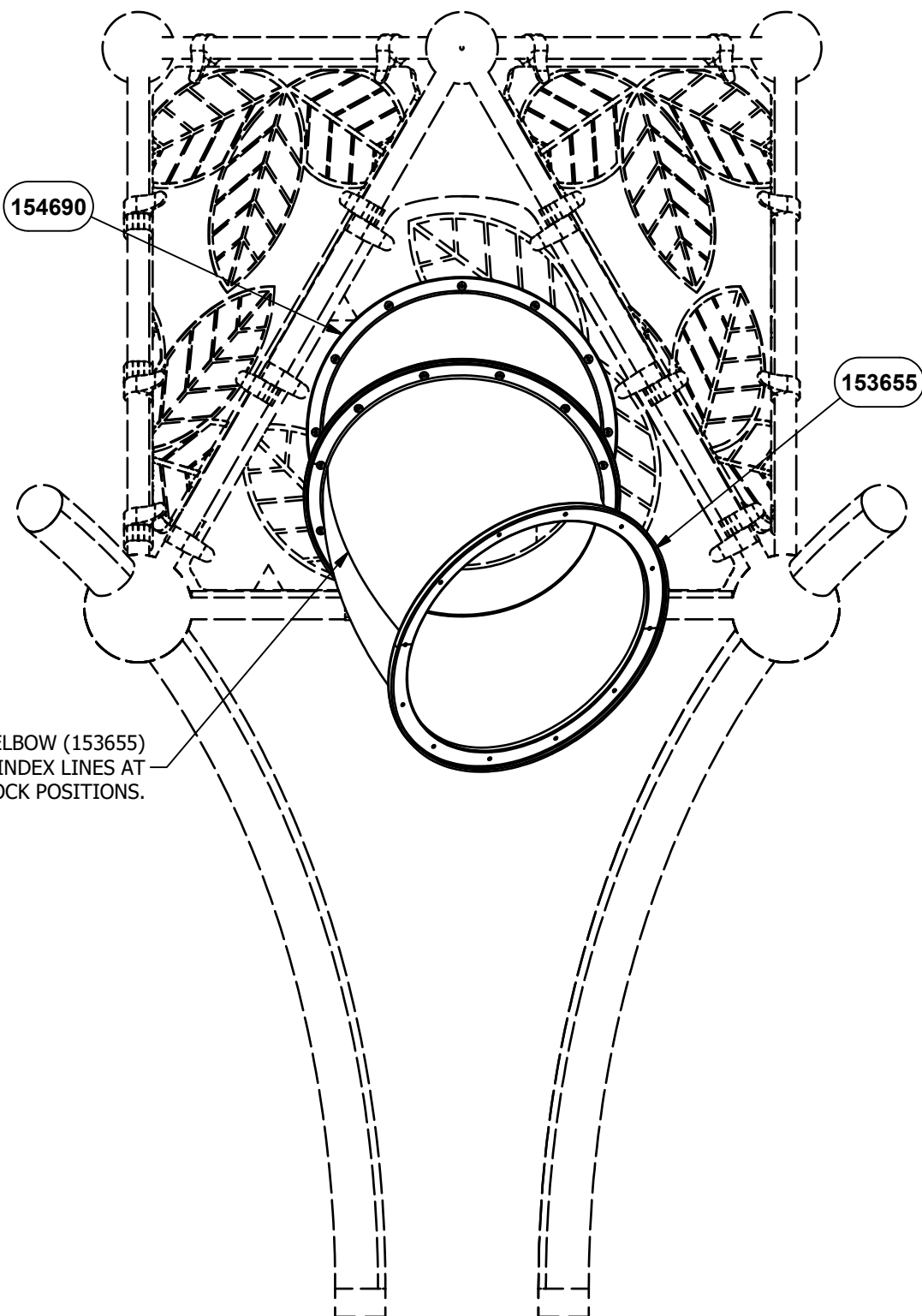


ASSEMBLY VIEW
FIRST TUBE SECTION



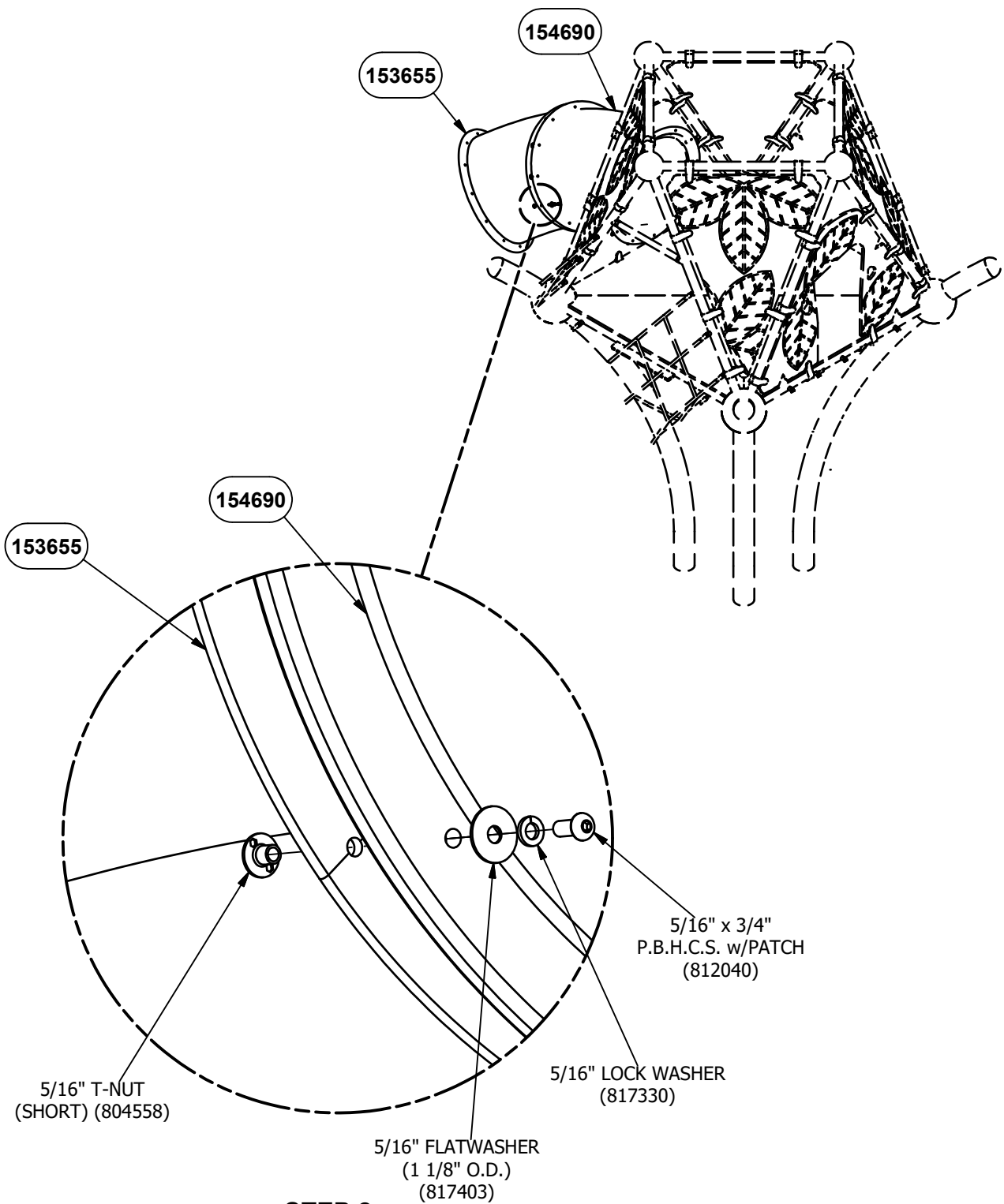
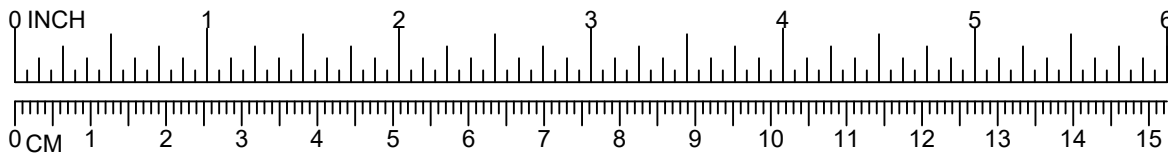
DETAIL VIEW

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



ATTACH 30° ELBOW (153655)
BY ALIGNING INDEX LINES AT
3 AND 9 O'CLOCK POSITIONS.

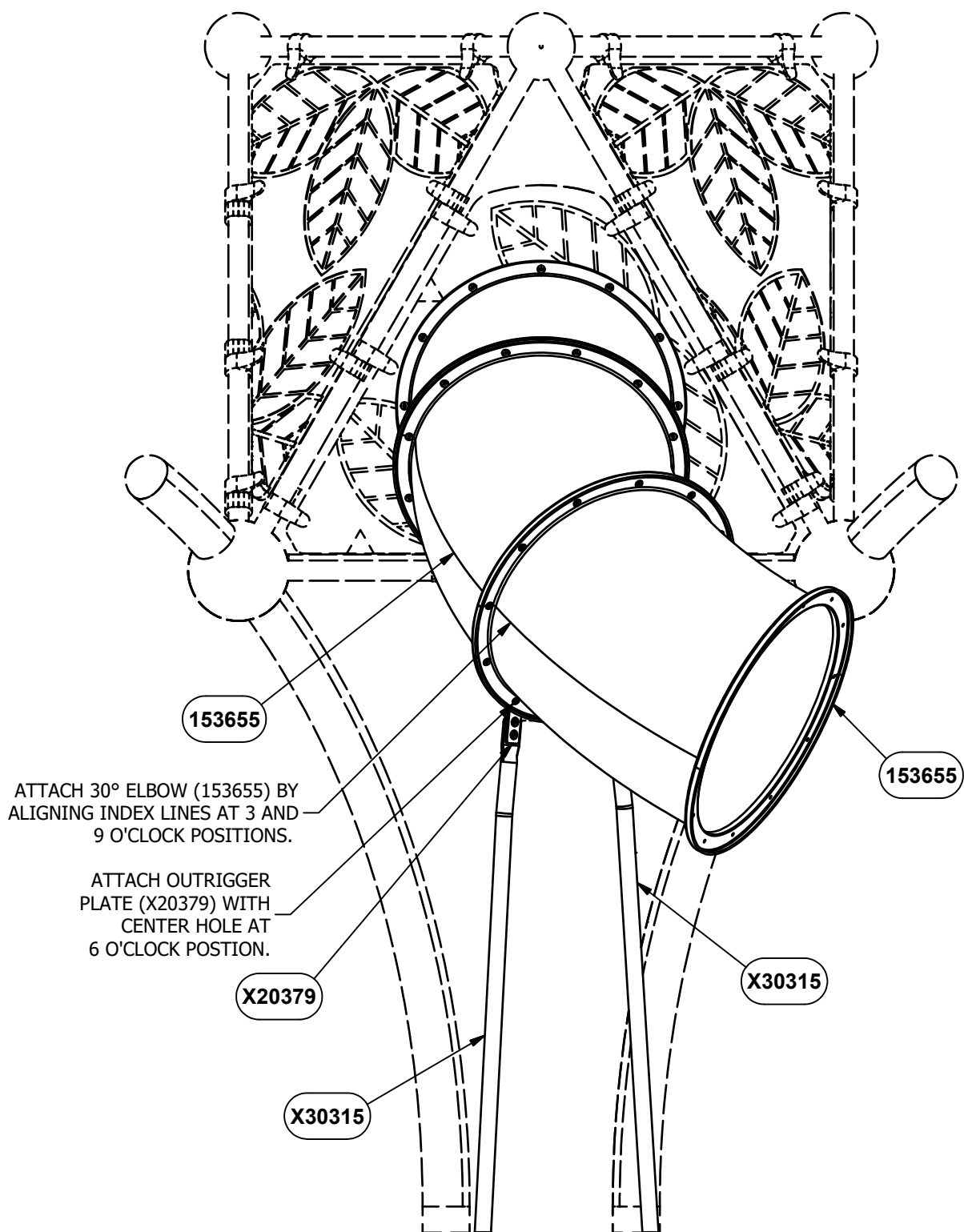
ASSEMBLY VIEW
SECOND TUBE SECTION



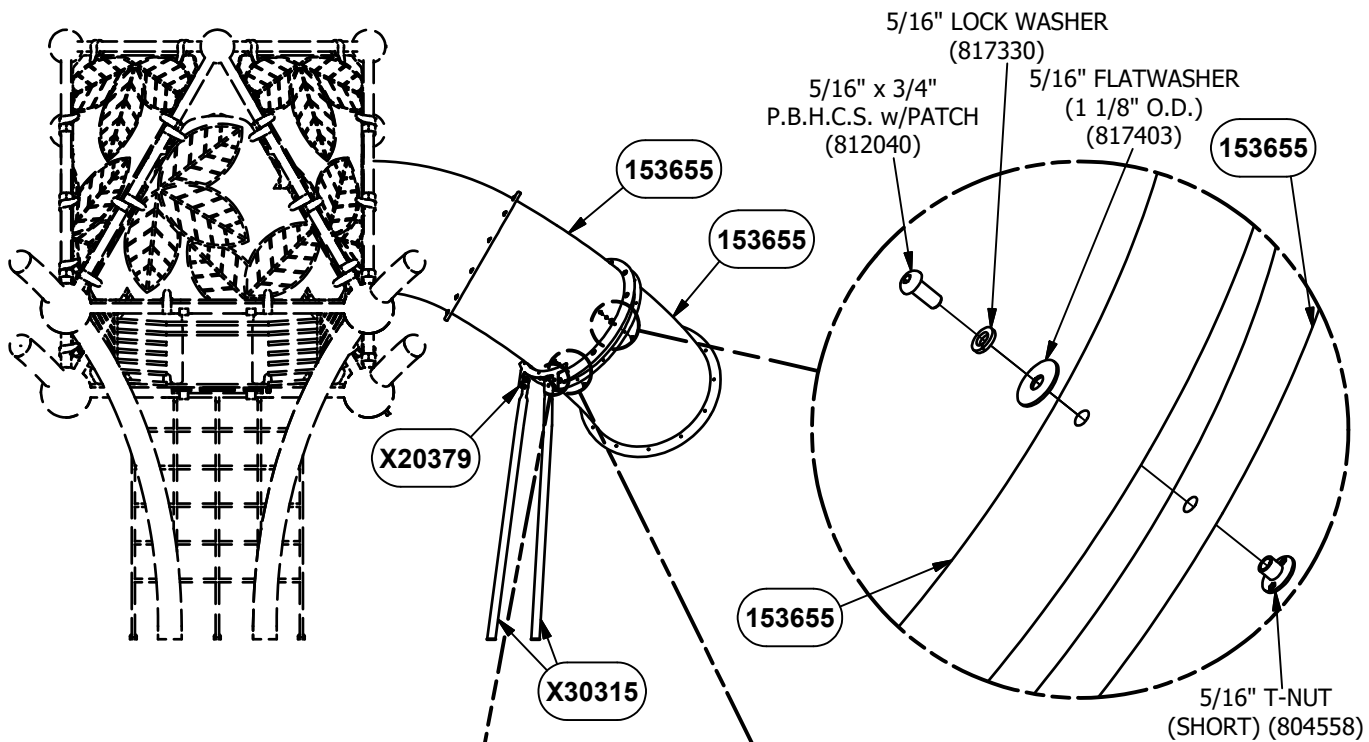
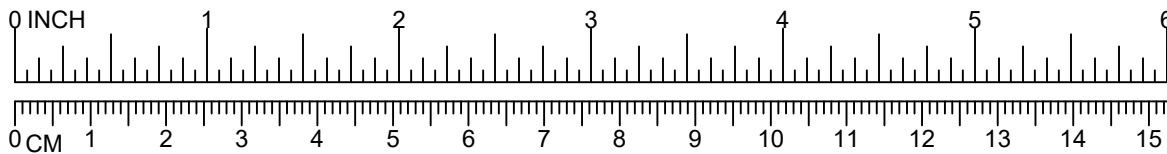
STEP 2
12 PLACES

DETAIL VIEW

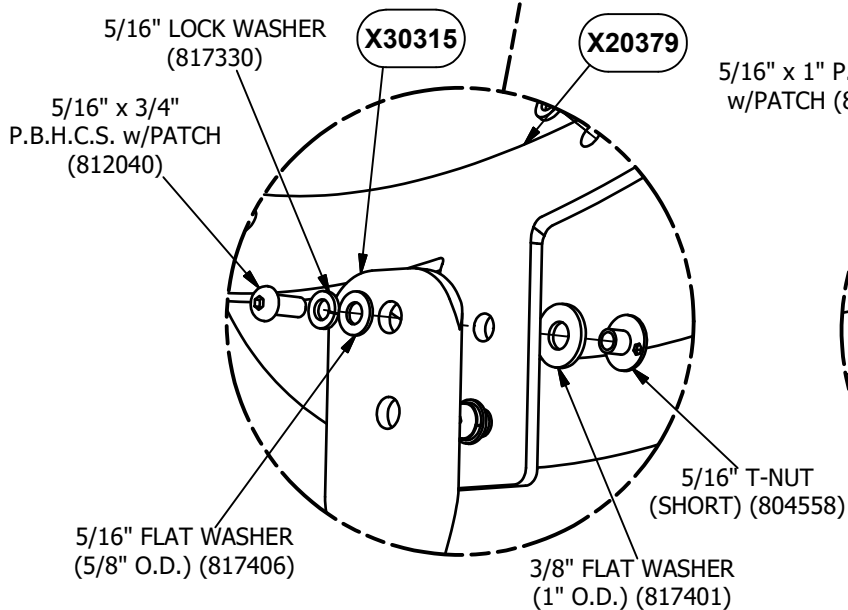
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



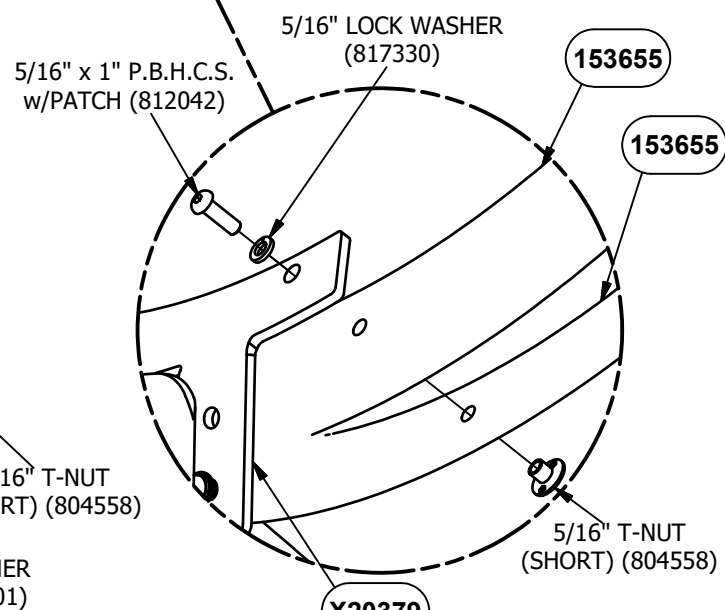
ASSEMBLY VIEW
THIRD SECTION



STEP 3
9 PLACES



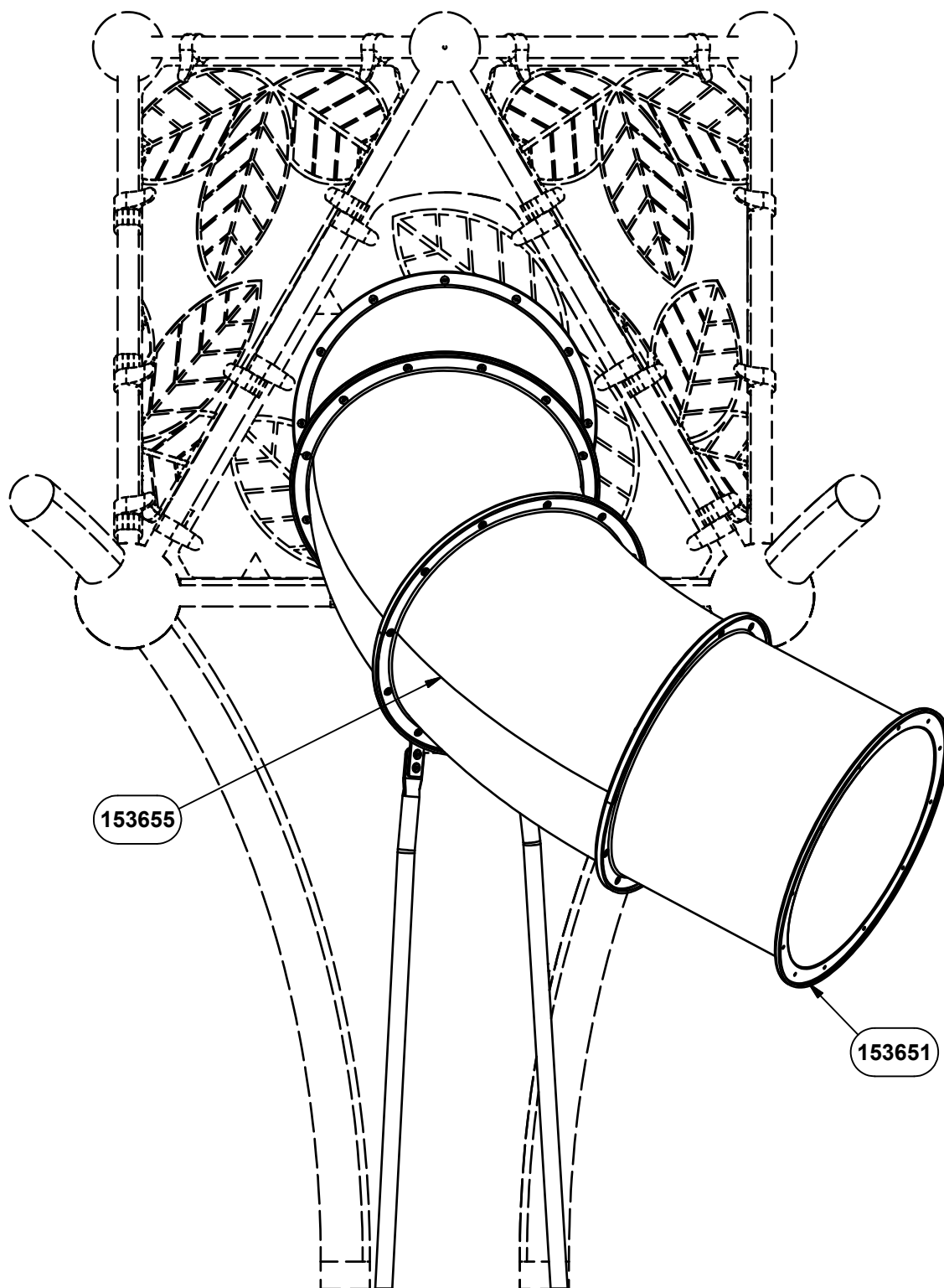
STEP 5
4 PLACES



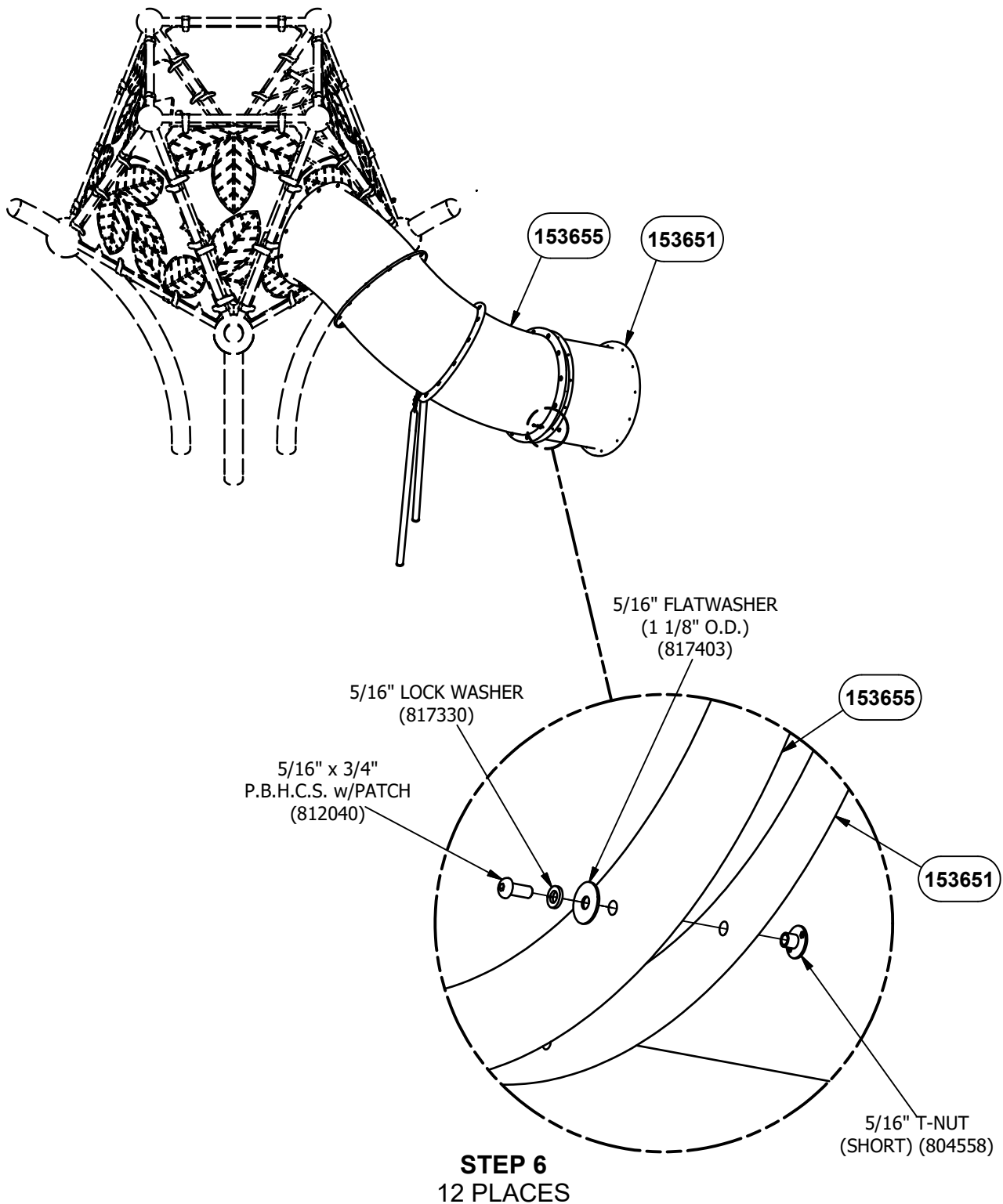
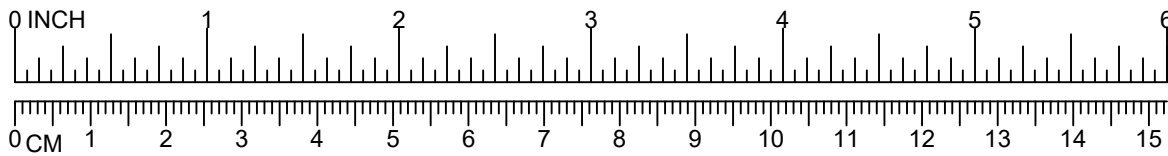
STEP 4
3 PLACES

DETAIL VIEW

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

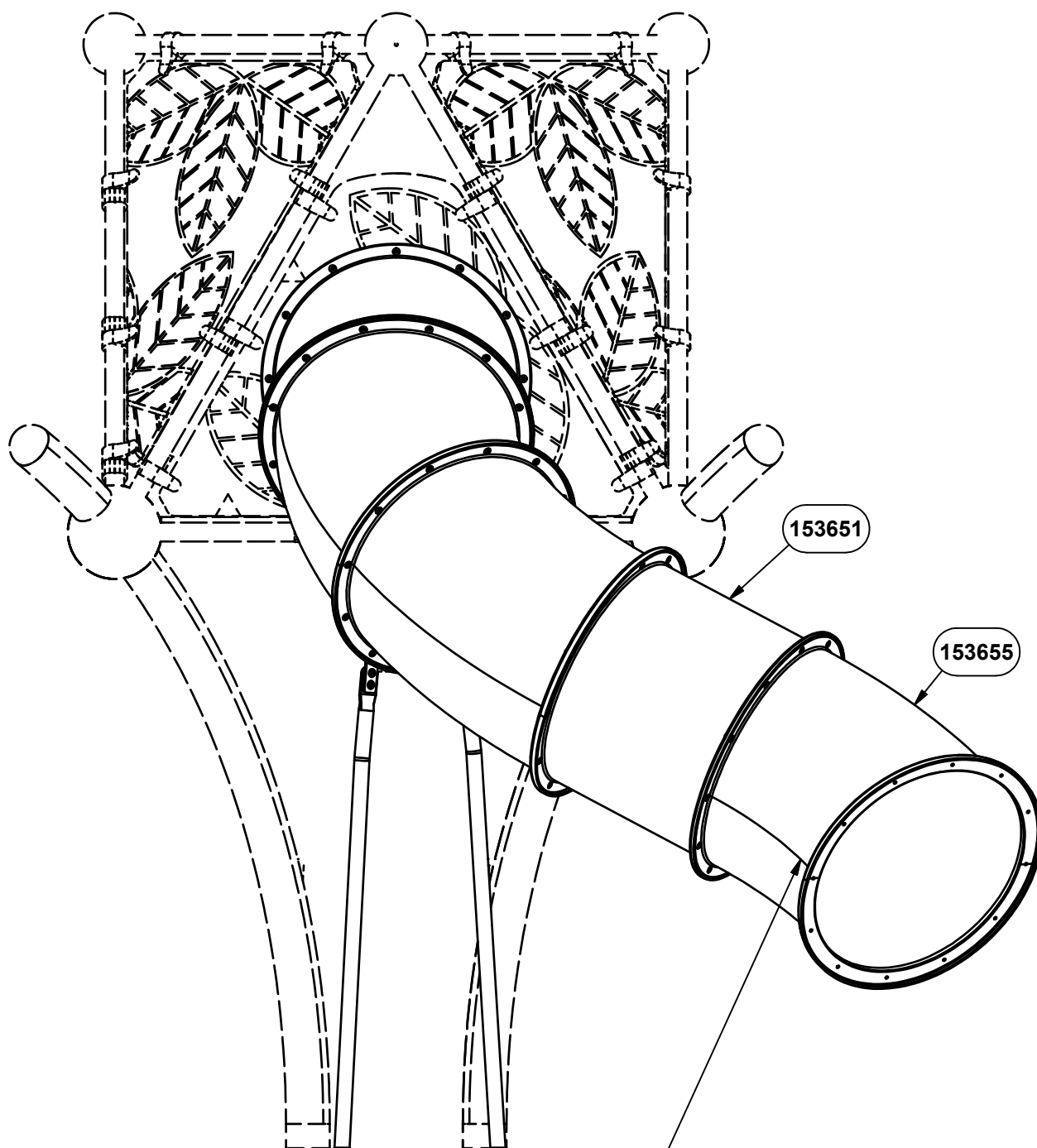


ASSEMBLY VIEW
FOURTH SECTION



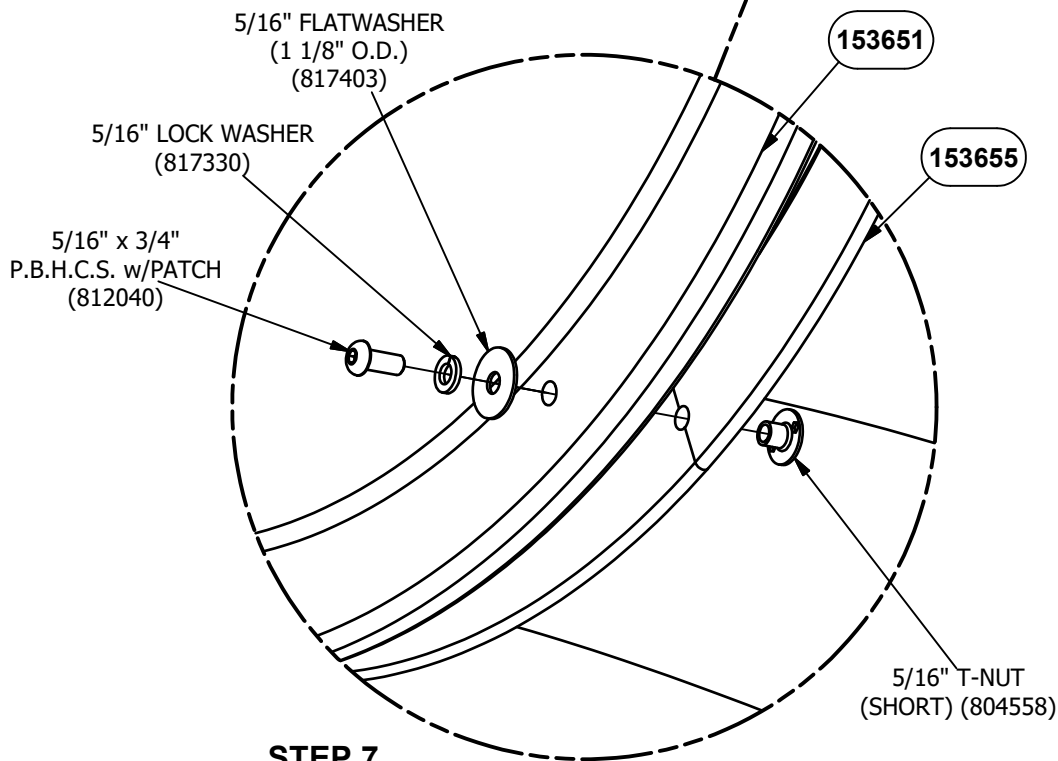
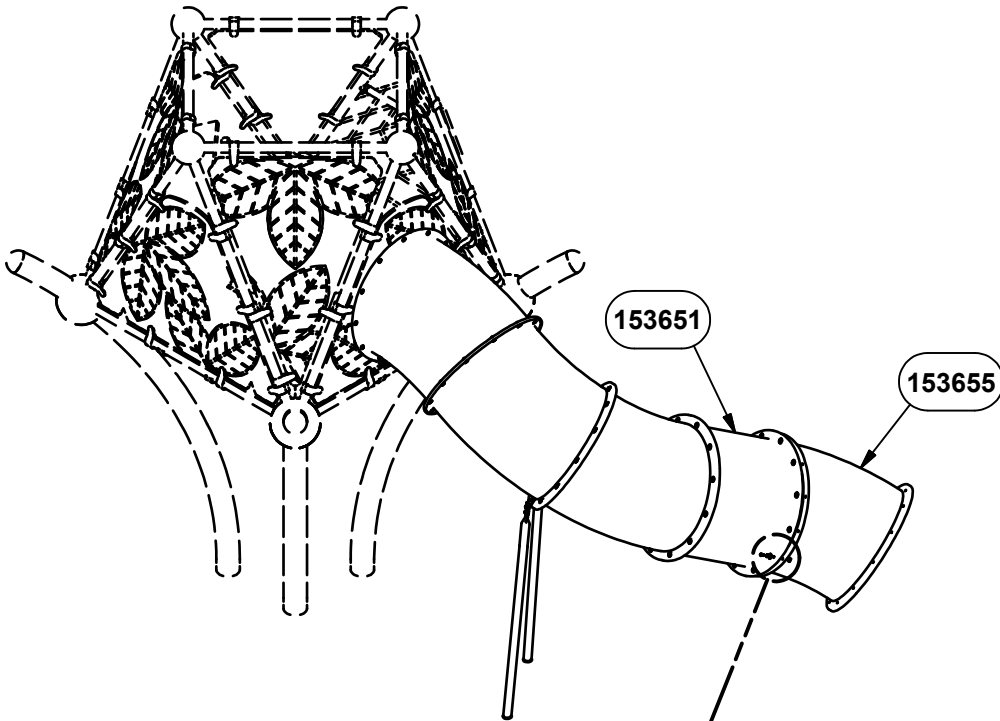
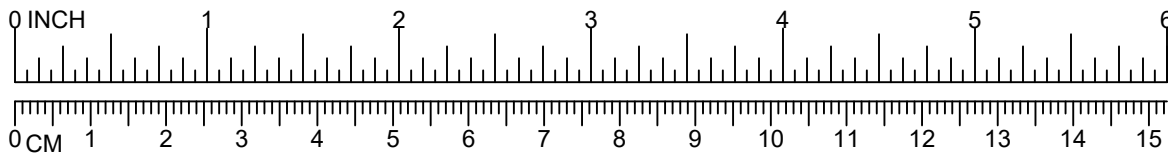
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



ATTACH 30° ELBOW (153655)
BY ALIGNING INDEX LINES AT
3 AND 9 O'CLOCK POSITIONS.

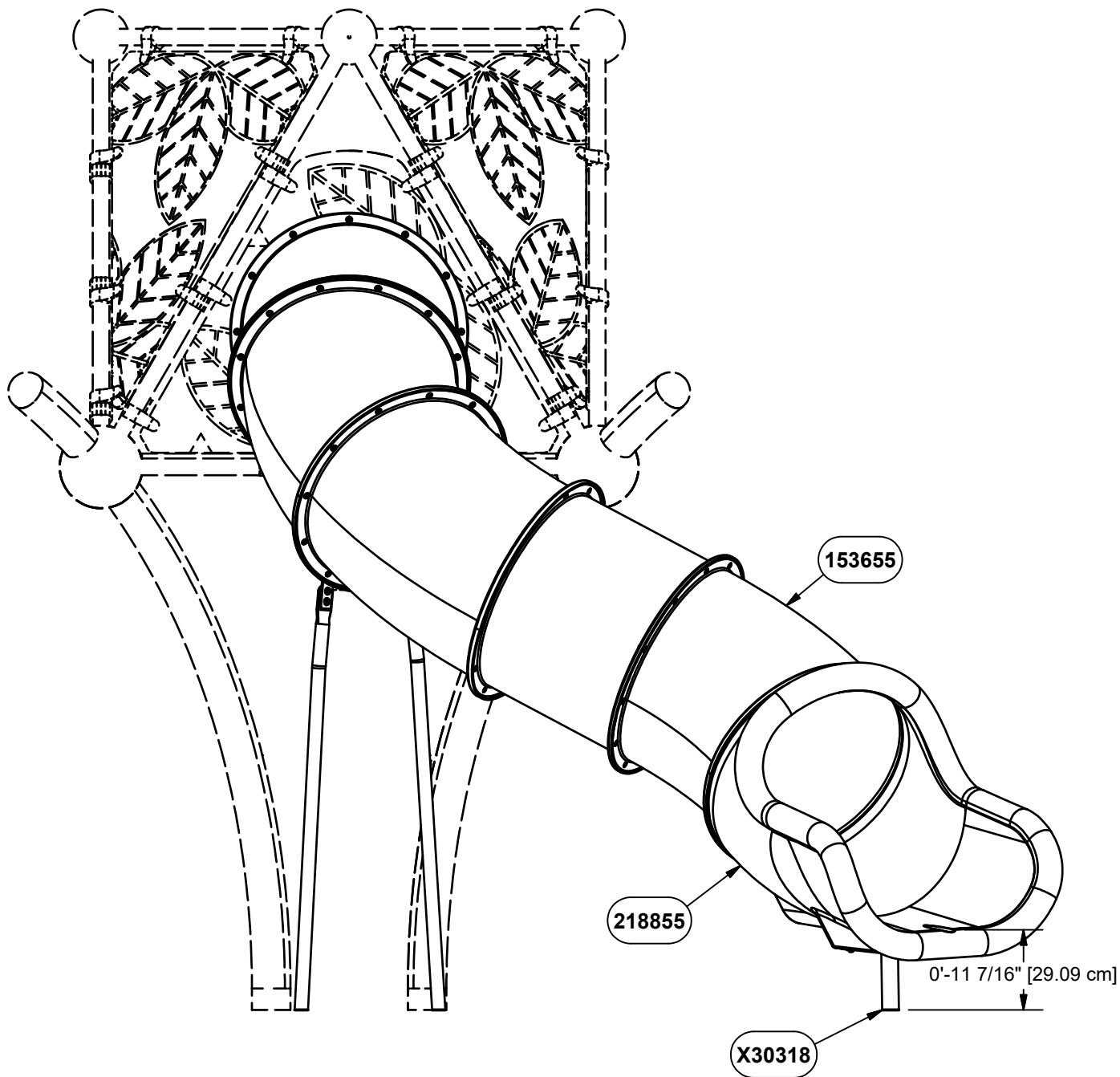
ASSEMBLY VIEW
FIFTH SECTION



STEP 7
12 PLACES

DETAIL VIEW

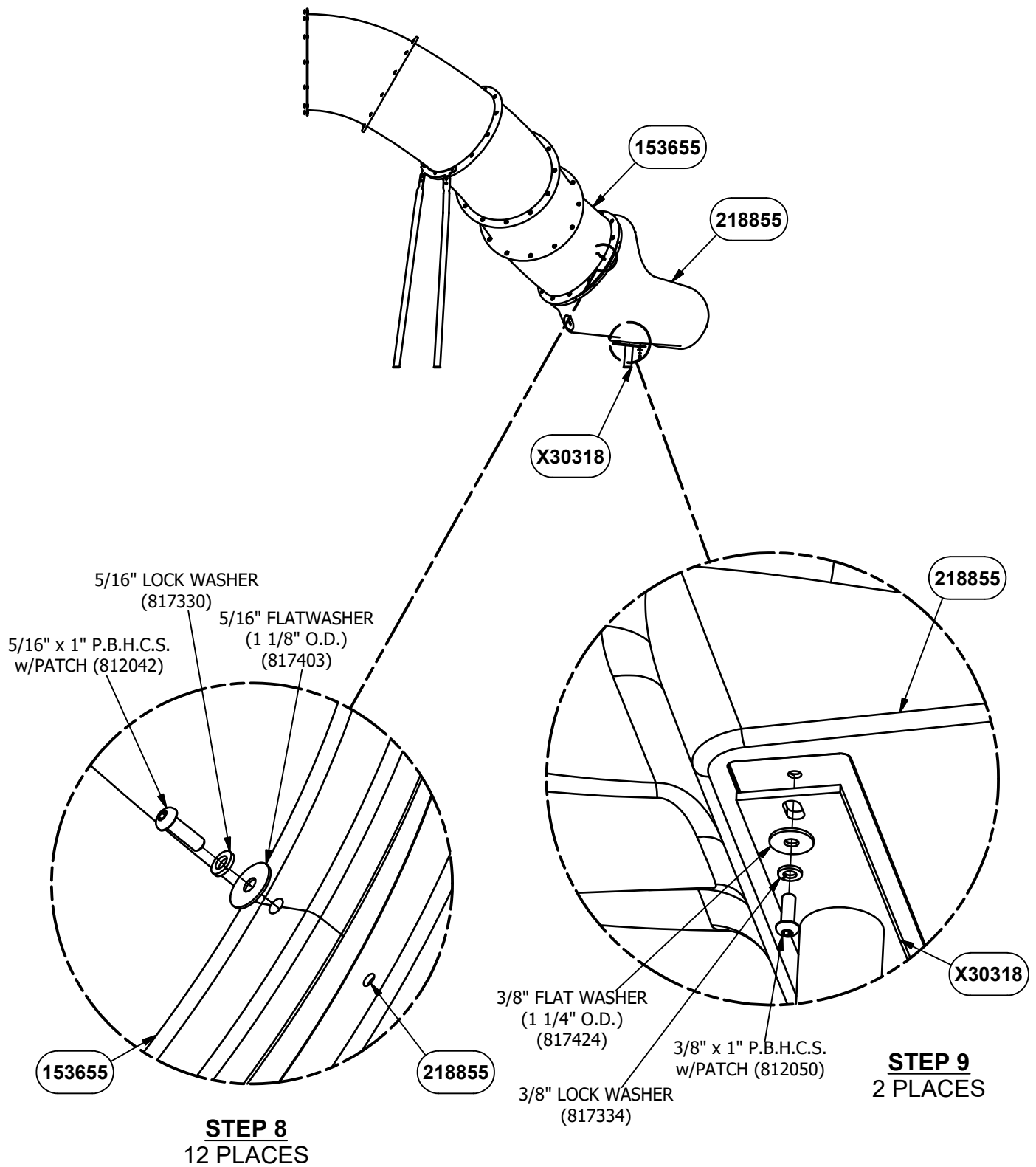
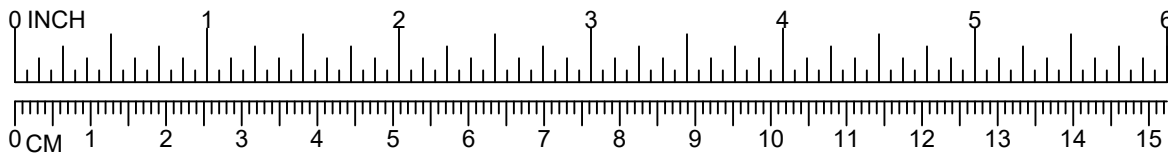
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



ASSEMBLY VIEW
SLIDE EXIT

NOTE: SLIDE EXIT MUST MEASURE BETWEEN 7" TO 15". CAN NOT EXCEED 15"

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS



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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
30 DEGREE ELBOW	3	153655
30° ELBOW w/HOLES ROTATED 15°	1	154690
30" EXIT SECTION	1	218855
24" TUBE SECTION	1	153651
OUTRIGGER PLATE	1	X20379
SMASHED FOOTBUCK	2	X30315
FOOTBUCK WELD ASSEMBLY	1	X30318
HARDWARE COMPLETE	1	6183HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	49	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	15	812042*
5/16" x 1 1/4" P.B.H.C.S. w/PATCH	12	812044*
5/16" FLAT WASHER (5/8" O.D.)	4	817406*
5/16" FLATWASHER (1 1/8" O.D.)	69	817403*
5/16" LOCK WASHER	76	817330*
5/16" T-NUT (SHORT)	64	804558*
3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
3/8" FLAT WASHER (1" O.D.)	4	817401*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" LOCK WASHER	2	817334*

*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.

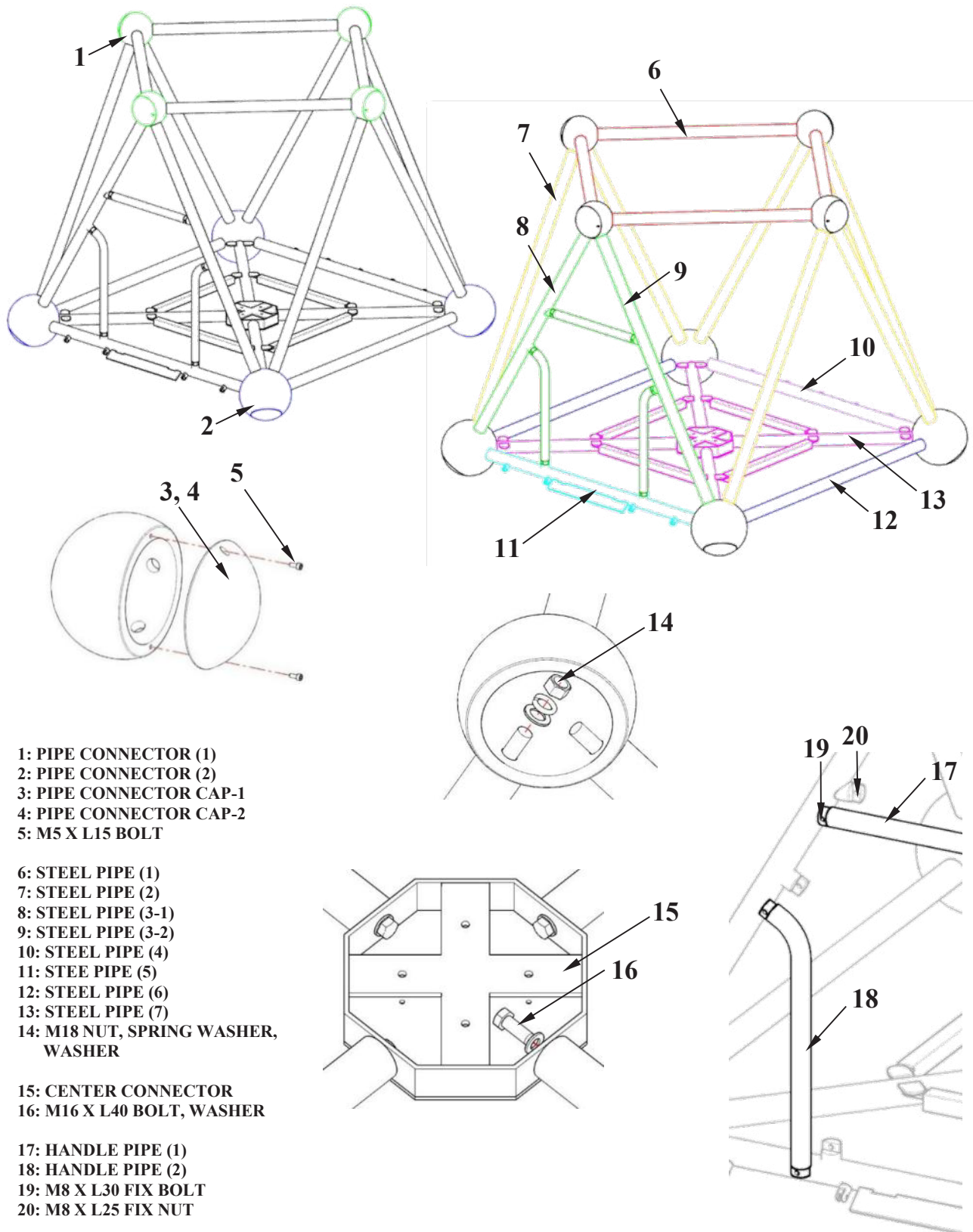
Note: Loctite (supplied by others) should be used on any non-patch hardware.

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.

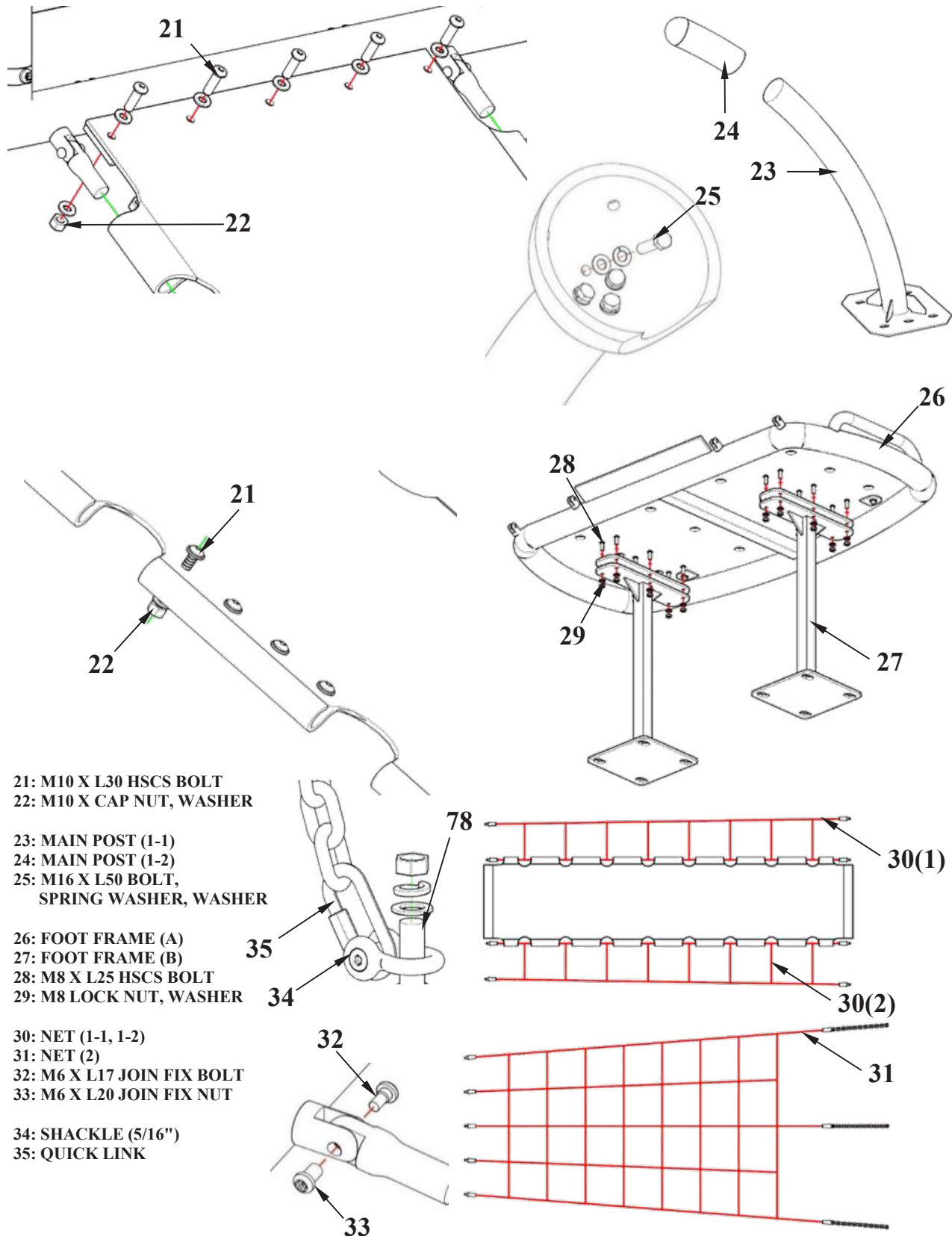
MAINTENANCE PROCEDURE:

- 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.

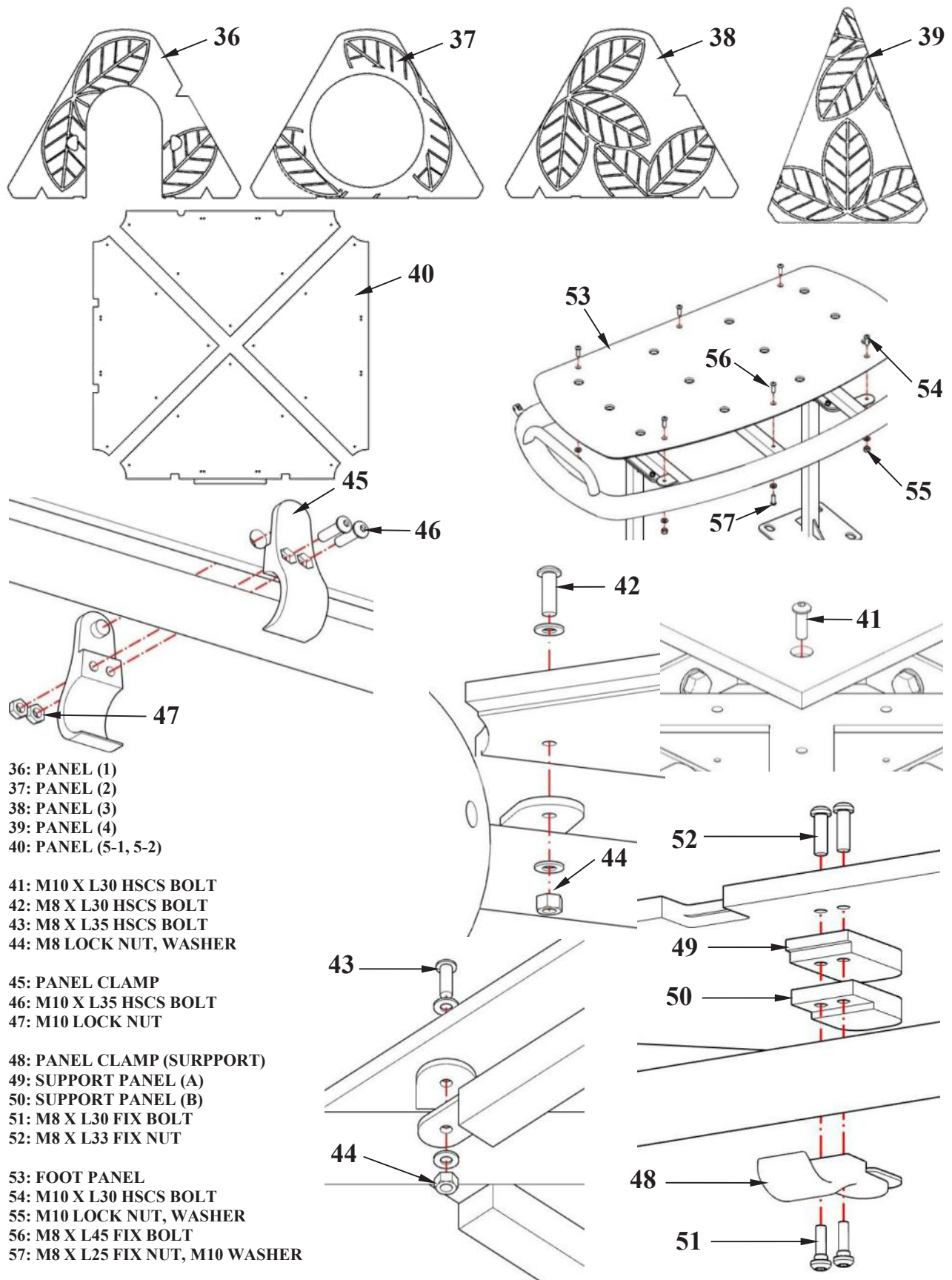
PARTS LIST 1



PARTS LIST 2



PARTS LIST 3



AFTER INSTALLATION, BEFORE OPENING FOR
PLAY, RECOMMENDATIONS***Inspect Equipment for Correct Installation***

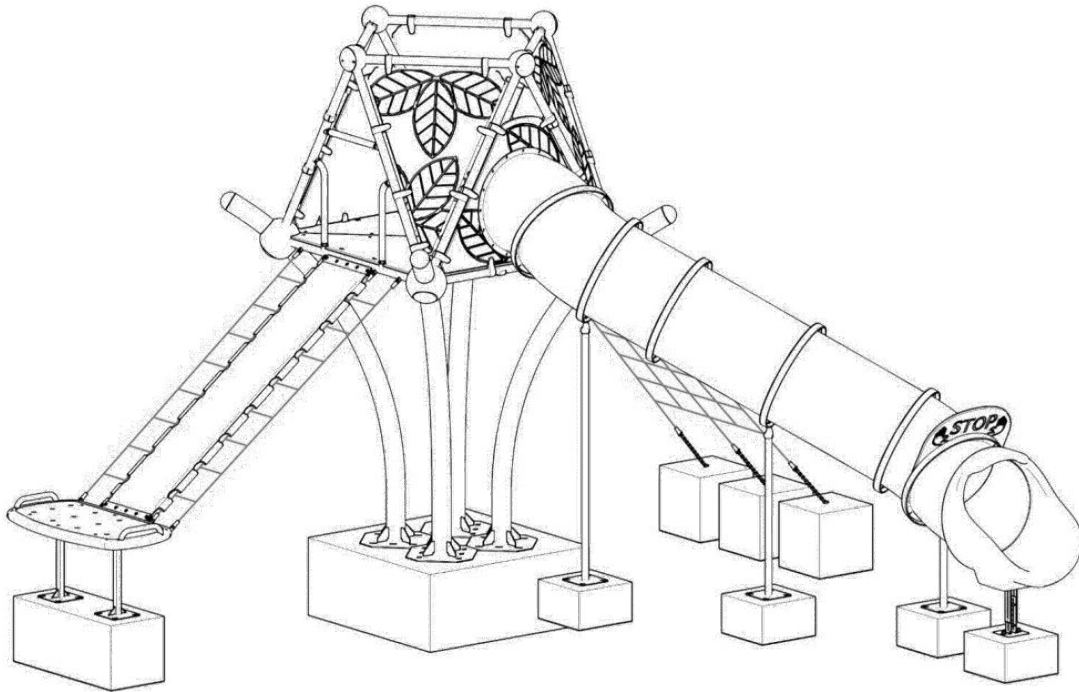
If the equipment has not been installed correctly, do not open for play and take necessary precautions to keep closed until installation is correct, complete and re-inspected.

Protective Surfacing

Make sure appropriate playground surfacing has been installed to meet applicable standards.

Remove All Assembly Aids

Please make sure that all tools and assembly aids have been removed from the playing area before opening for play.



MAINTENANCE

This equipment should be installed, inspected for proper installation, maintained and operated in accordance with applicable safety standards.

Regular maintenance is necessary on all park and playground equipment, including the protective surfacing. Proper maintenance extends equipment life. Maintenance of play environments requires commitment from dedicated and trained individuals with some mechanical ability and common sense.

With regards to overall safety, if you ever feel a piece of equipment or portion of the protective surfacing is broken or dangerous, immediately take the equipment out of service. If necessary, post personnel or fence the equipment to prevent use until the necessary repairs can be made. This is an important precaution that can potentially prevent an injury.

Maintenance Inspection – Frequency and Process

Because play equipment and surfacing are subject to changes from use, abuse, and climate, they must be inspected on a regular basis. The frequency of inspection will be determined by many factors including equipment age, use, and materials, and external factors like the age of the users, climate, and vandalism. Regardless of site-specific attributes of the playground, two types of inspections should be performed on all playgrounds: low frequency and high frequency.

Low Frequency Inspections

Often performed quarterly or semi-annually, low frequency inspections are in-depth investigations of the equipment and surfacing looking for wear and tear. This inspection requires a staff member with mechanical knowledge and extensive knowledge about play equipment and surfacing standards. During or immediately after the inspection, staff should do preventive maintenance and repairs and/or remove damaged equipment to remedy problems discovered in the inspection.

High Frequency Inspections

Often performed daily or weekly, high frequency inspections look at frequently changing conditions caused by use, weather, and/or vandalism. During a high frequency inspection, staff checks and corrects playground conditions such as loose-fill surfacing depths, sanitation issues, and the presence of trash and debris. If any hazards are discovered, staff should follow school or agency procedures such as completing documentation, taking the area out of use, and/or correcting the problem.

Loose hardware

Loose hardware can cause quality problems and put safety at risk. Therefore, loose hardware should always be tightened, and checks carried out to ensure that there are no missing parts.

Identifying replacement parts

All replacement parts are listed in the parts list. The parts list follows the installation requirements.

Actions to be taken during the break-in period

No later than 2 weeks after assembly, all hardware connections should be checked and tightened if necessary. One of the most important factors in proper maintenance is maintaining proper net tension. Net re-tensioning will be required after the first 60-90 days of use and then must be checked again on an annual basis.

Net re-tensioning

First prepare the turnbuckle by temporarily removing the loose fill material or by removing the poured-in-place box housing enclosure. With a large wrench, turn the center part of the turnbuckle to tighten. If the turnbuckle is at its maximum tension, it may be necessary to loosen the turnbuckle and reposition the attachment anchor plate. It is very important to adjust the overall net tension evenly by working each turnbuckle in a balanced progression. Do not over tighten one turnbuckle and skew the net or put too much strain on one portion of the net.

Maintenance of protective surfaces

Surfaces providing fall protection must also be maintained regularly. It is particularly important to maintain the correct level of loose surface material and add more if necessary (refer to applicable standards).

Damage

Damaged equipment must be repaired as soon as possible. If serious defects that affect the safety and cannot be repaired immediately, the equipment then must be closed to prevent further use.