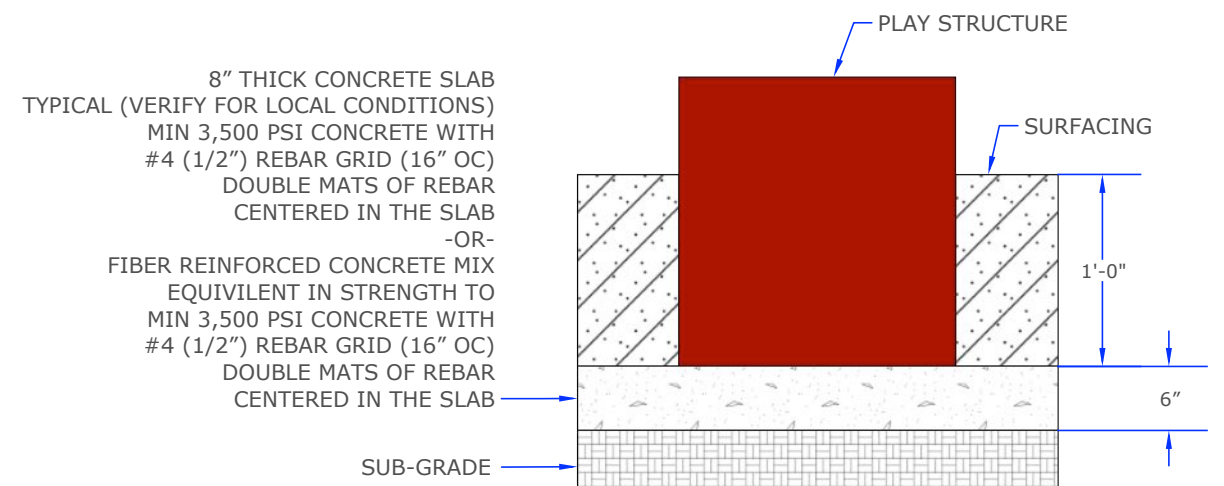
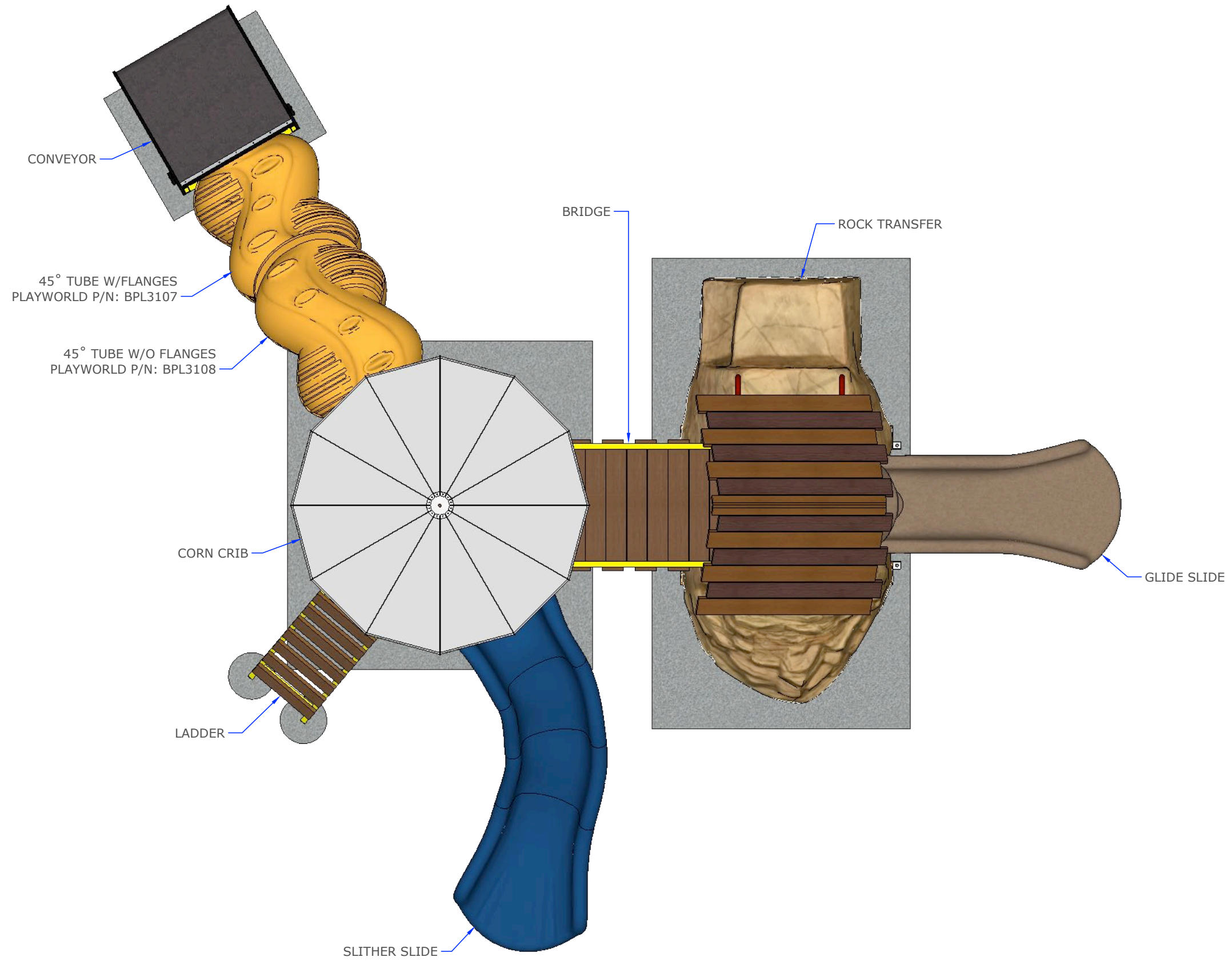


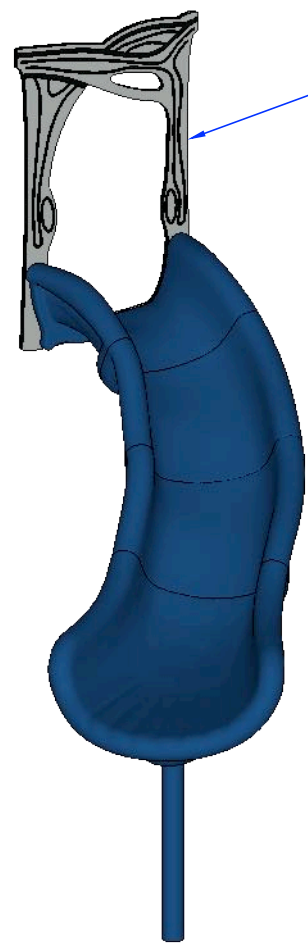
A
2 CORN CRIB CONCRETE
PLAN VIEW



3 PLACES
B
2 CORN CRIB CONCRETE SECTION
ELEVATION

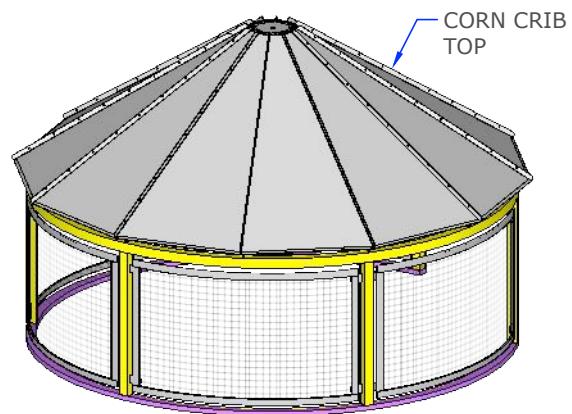


A
3
CORN CRIB
PLAN VIEW

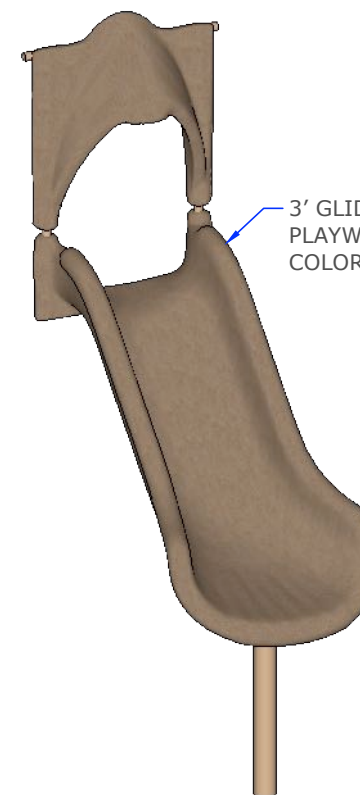


SLIDE PW P/N IN ORDER FROM TOP TO BOTTOM

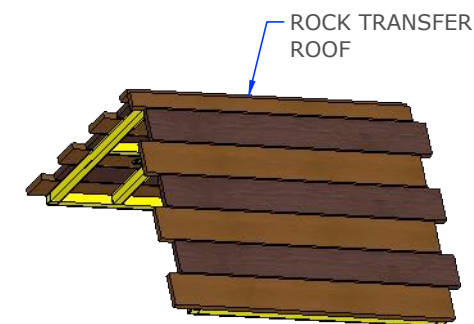
| | |
|----------|---------------|
| ZZCH3186 | ENTRANCE/EXIT |
| ZZUN3208 | RIGHT SECTION |
| ZZUN3208 | RIGHT SECTION |
| ZZCH3186 | ENTRANCE/EXIT |



CORN CRIB TOP



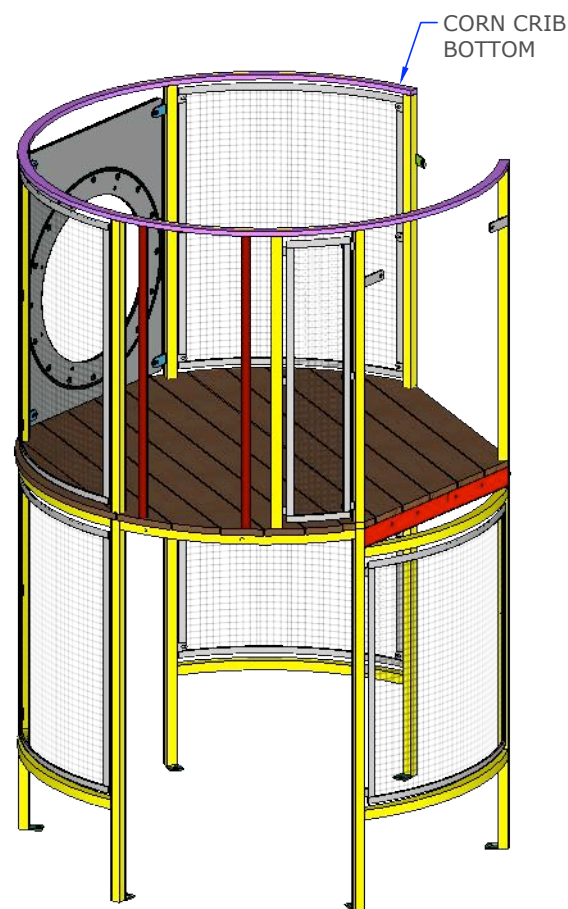
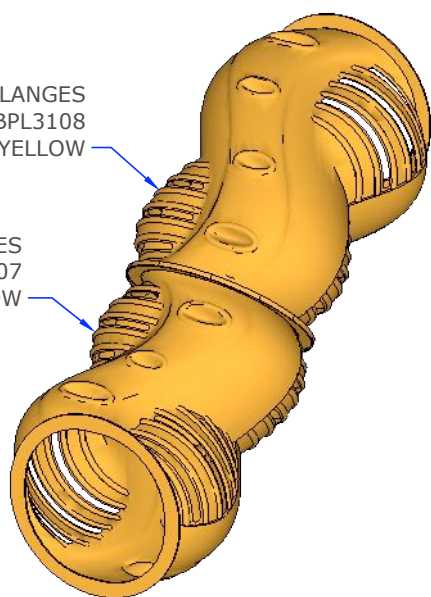
3' GLIDE SLIDE
PLAYWORLD P/N: ZZCH3127
COLOR: BROWNSTONE



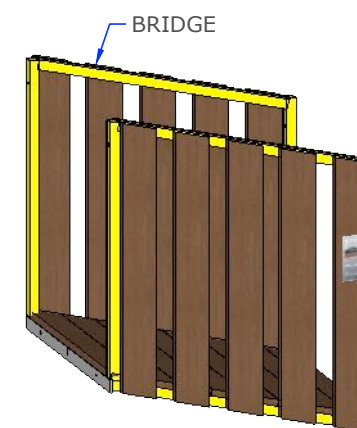
ROCK TRANSFER ROOF

45° TUBE W/O FLANGES
PLAYWORLD P/N: BPL3108
COLOR: TROPICAL YELLOW

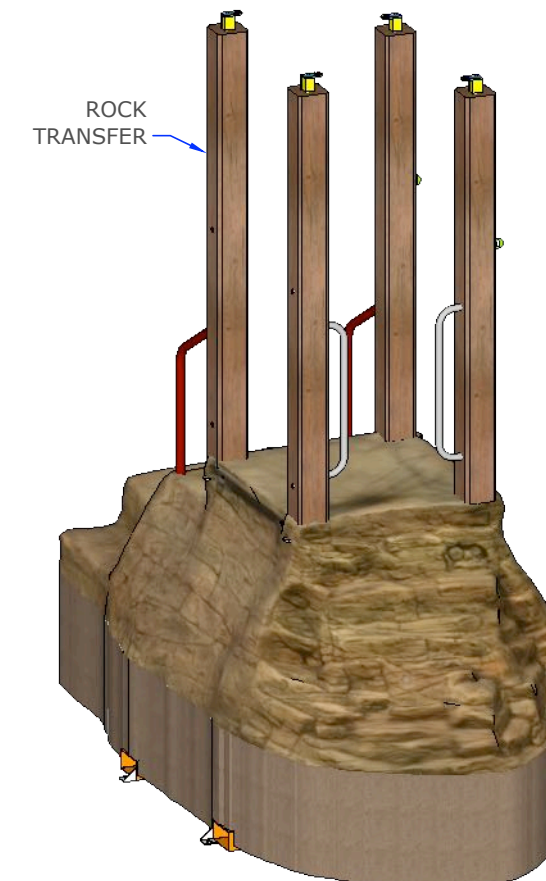
45° TUBE W/FLANGES
PLAYWORLD P/N: BPL3107
COLOR: TROPICAL YELLOW



CORN CRIB BOTTOM

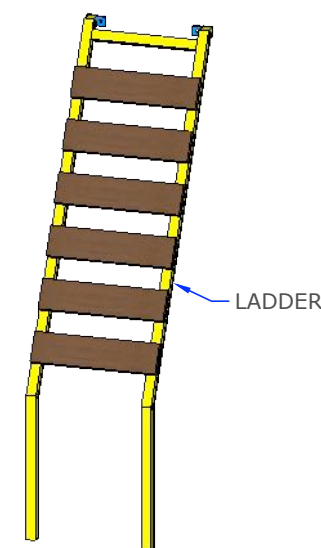
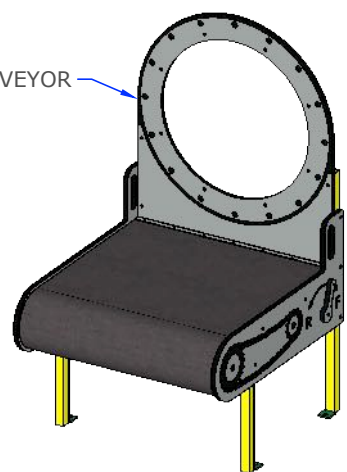


BRIDGE

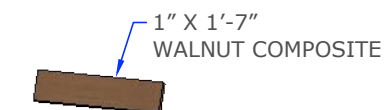


ROCK TRANSFER

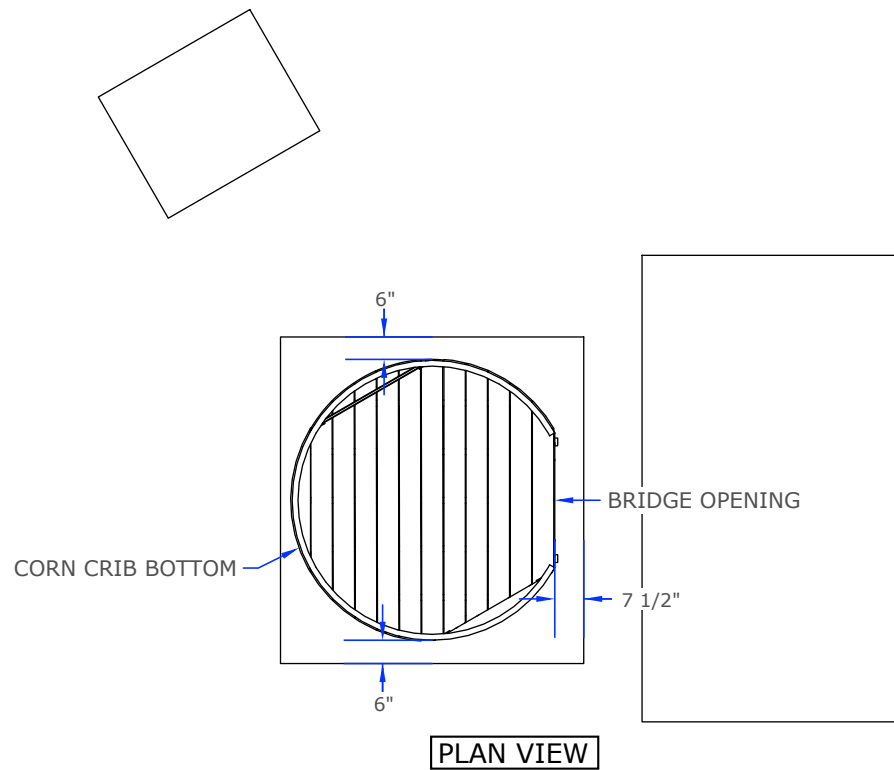
CONVEYOR



LADDER

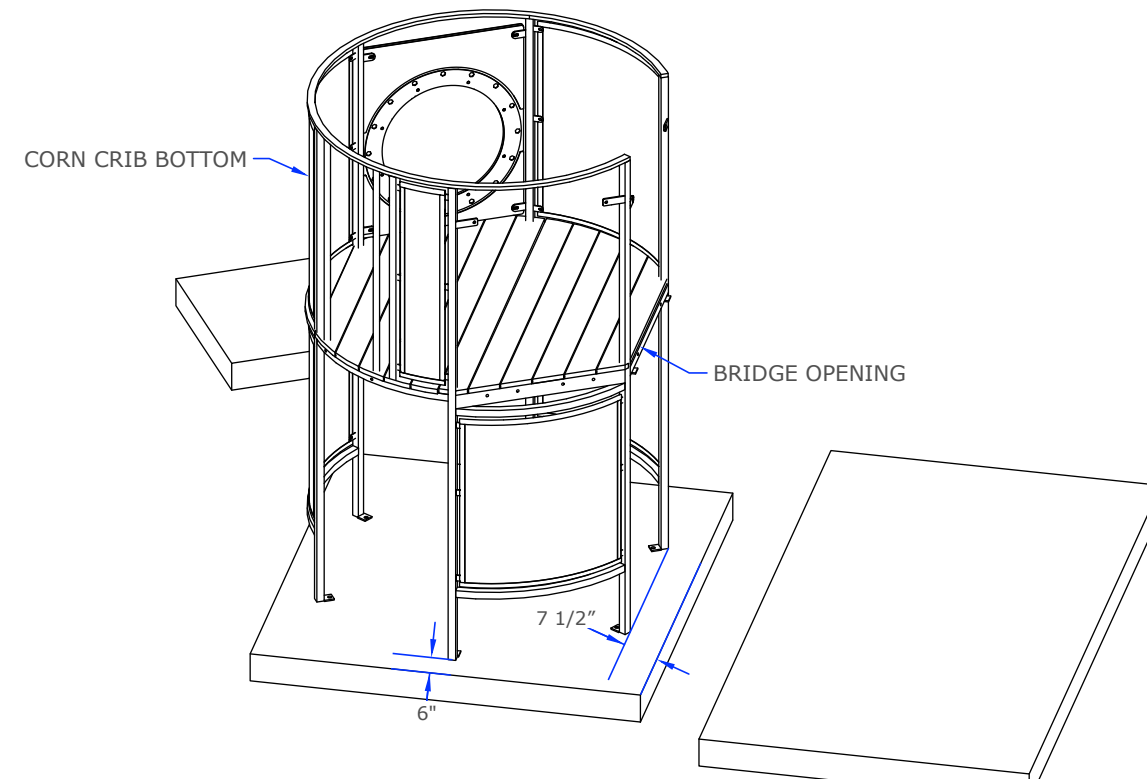


1" X 1'-7"
WALNUT COMPOSITE

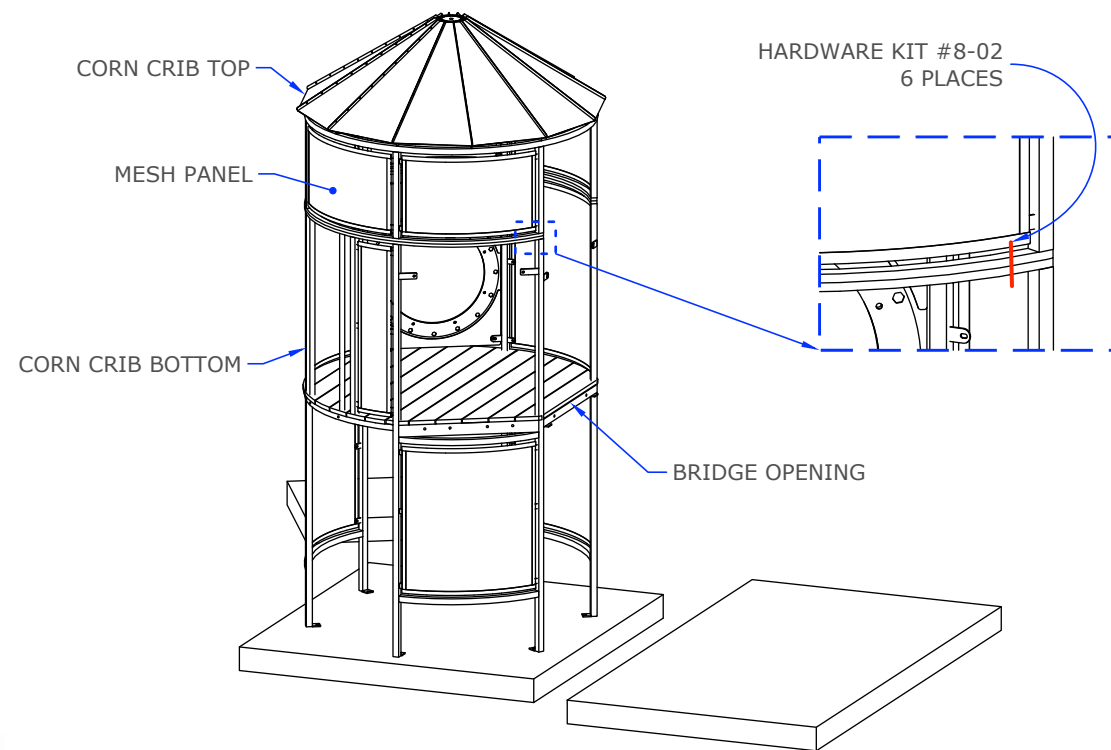


STEP 1

PLAN VIEW

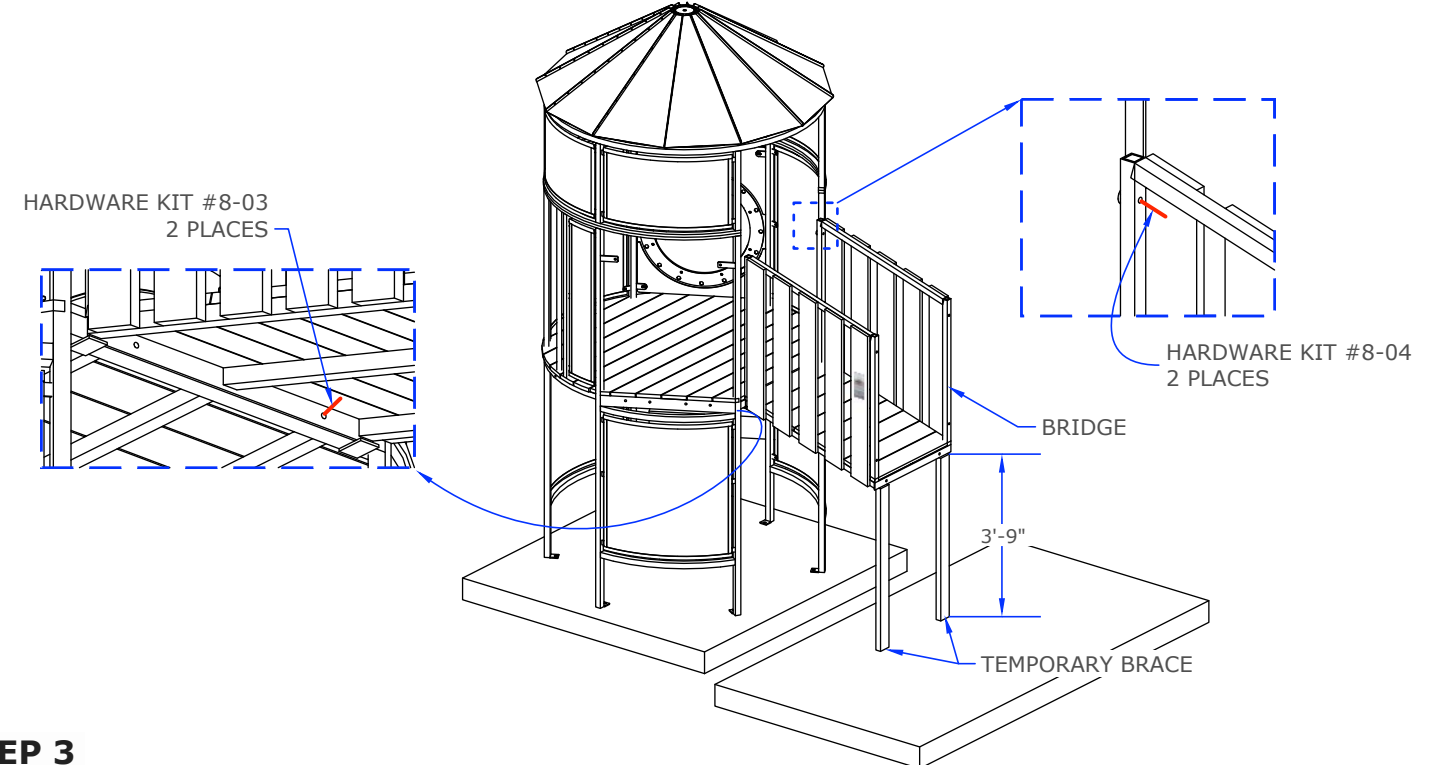


Locate and place the Corn Crib Bottom per dimensions and orientation above.
 Do not fasten the Corn Crib Bottom to the concrete at this time.



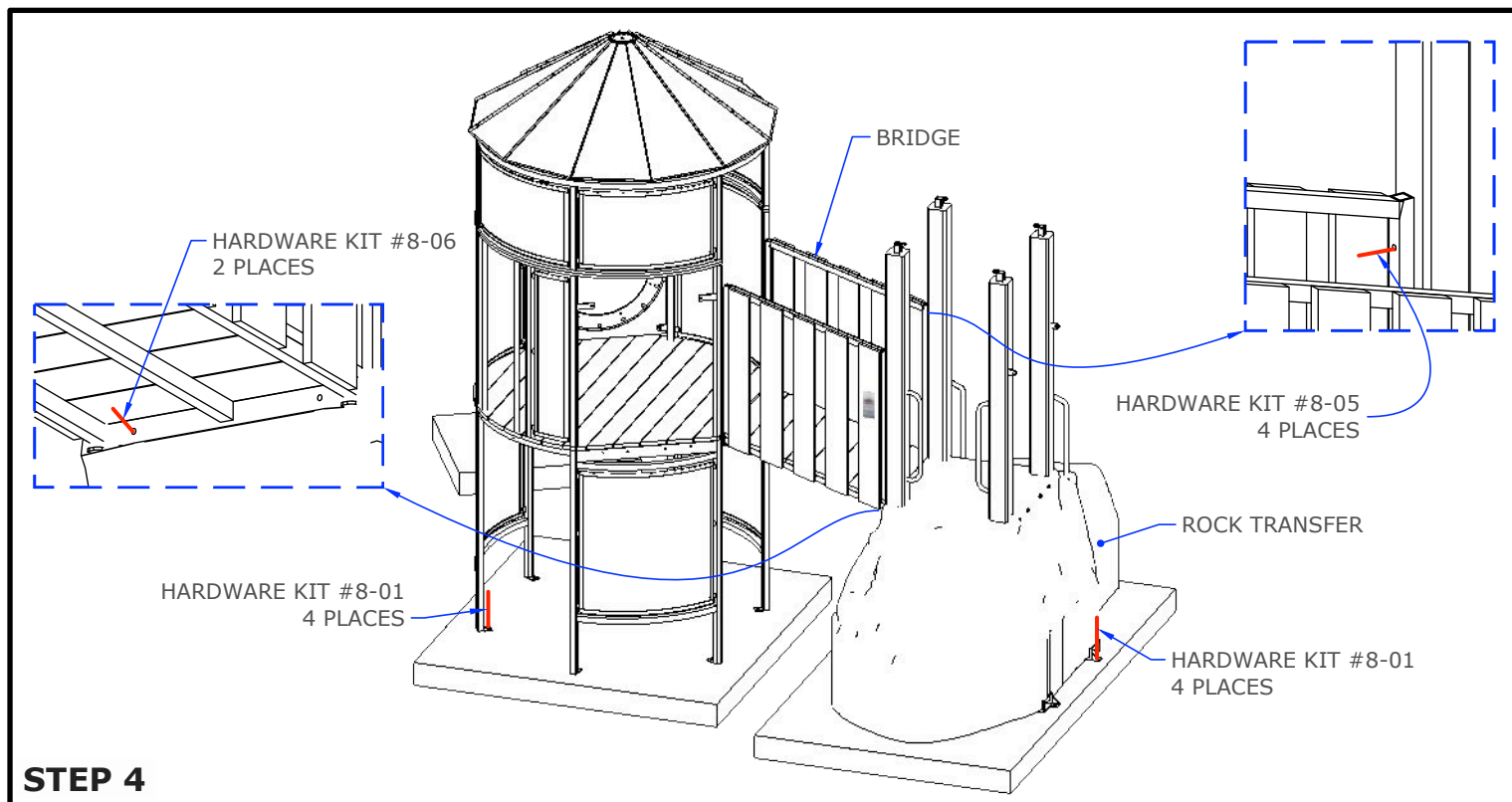
STEP 2

Locate and place the Corn Crib Top on the Corn Crib Bottom matching the bridge opening. Temporarily loosen Mesh Panels where needed to fasten the Top and Bottom together using hardware kit #8-02 (6 places). Tighten any Mesh Panels that were loosened.



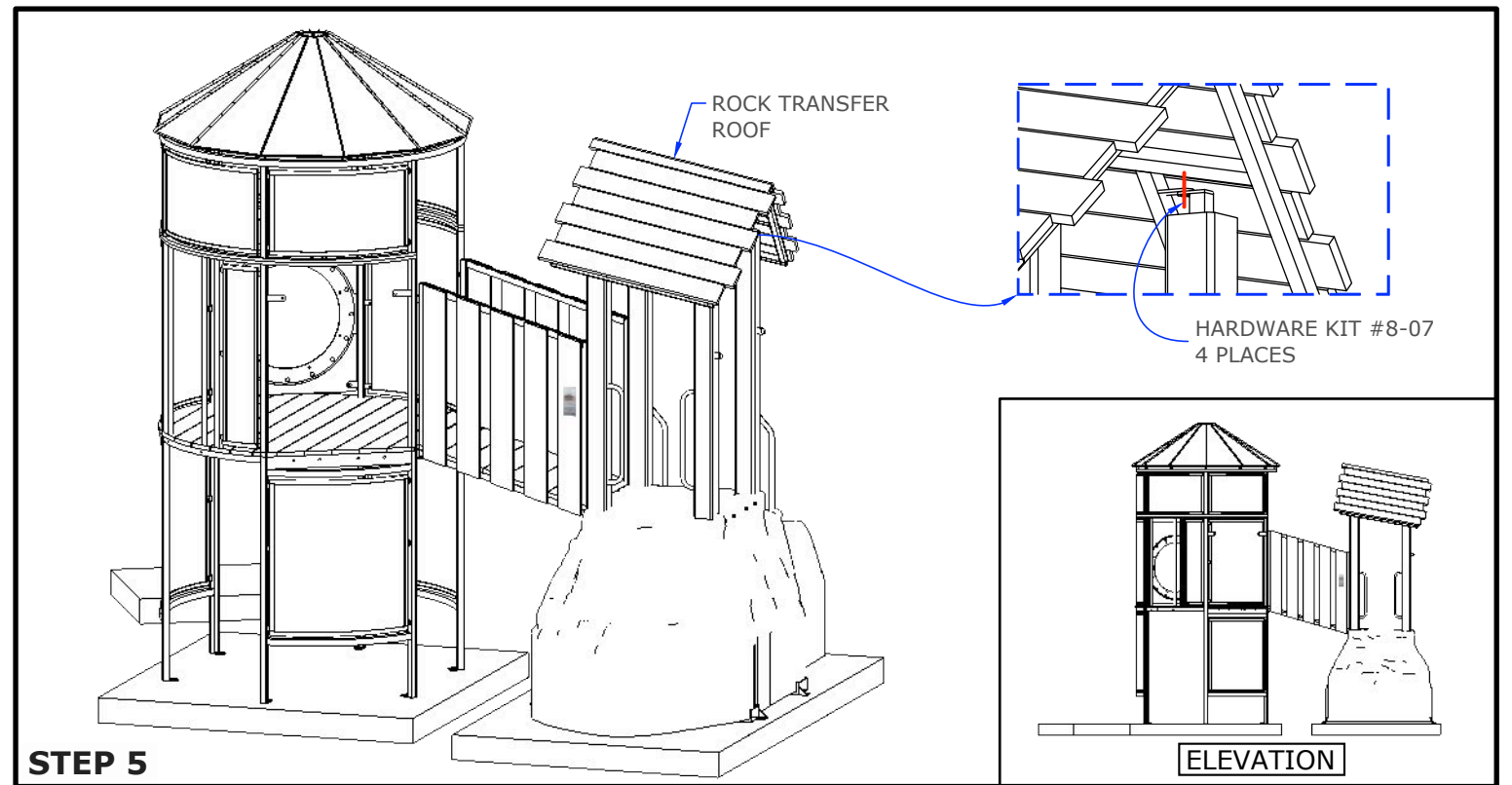
STEP 3

Locate and install the Bridge. Fasten to the Corn Crib Bottom using hardware kit #8-03 (2 places) and #8-04 (2 places). Temporarily brace the other side of the Bridge. Hint: Temporary Support height of 3'-9".



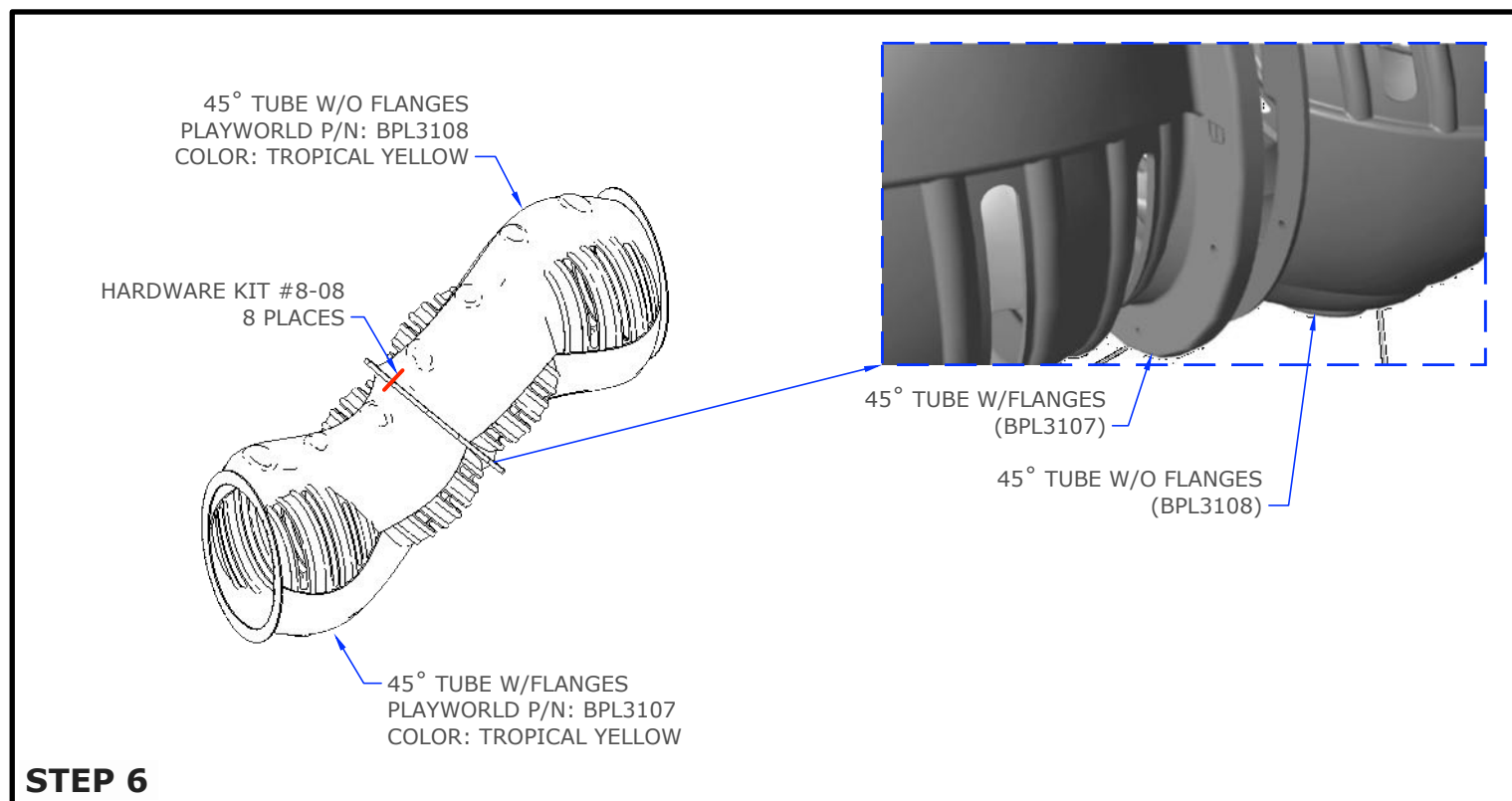
STEP 4

Locate and slide the Rock Transfer into place. Fasten the Rock Transfer and Bridge together using hardware kit #8-05 (4 places) and #8-06 (2 places). Then fasten the Corn Crib and Rock Transfer to the concrete using hardware kit #8-01 (4 each, 8 total).



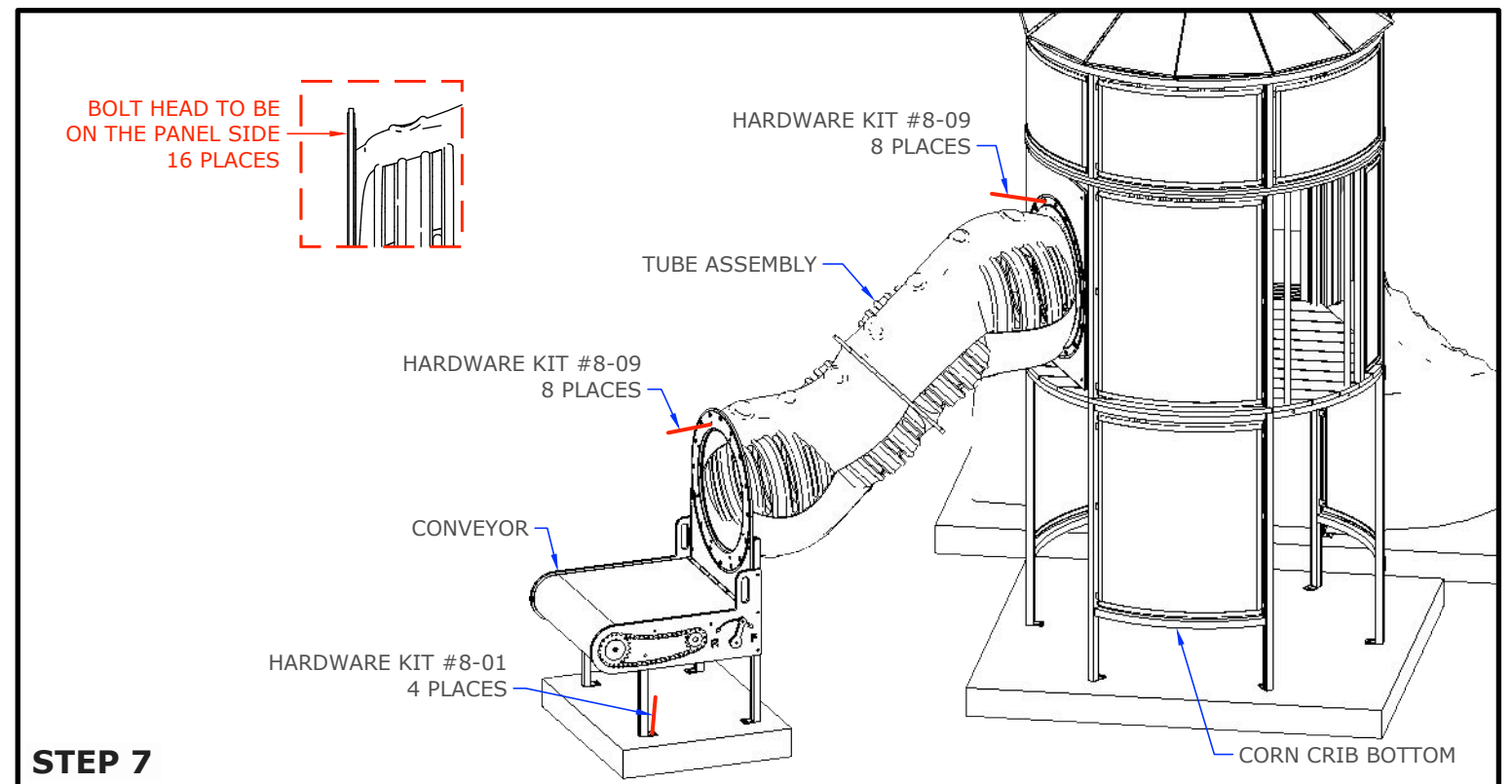
STEP 5

Locate and place the Rock Transfer Roof on top of the Rock Transfer. Fasten together using hardware kit #8-07 (4 places).



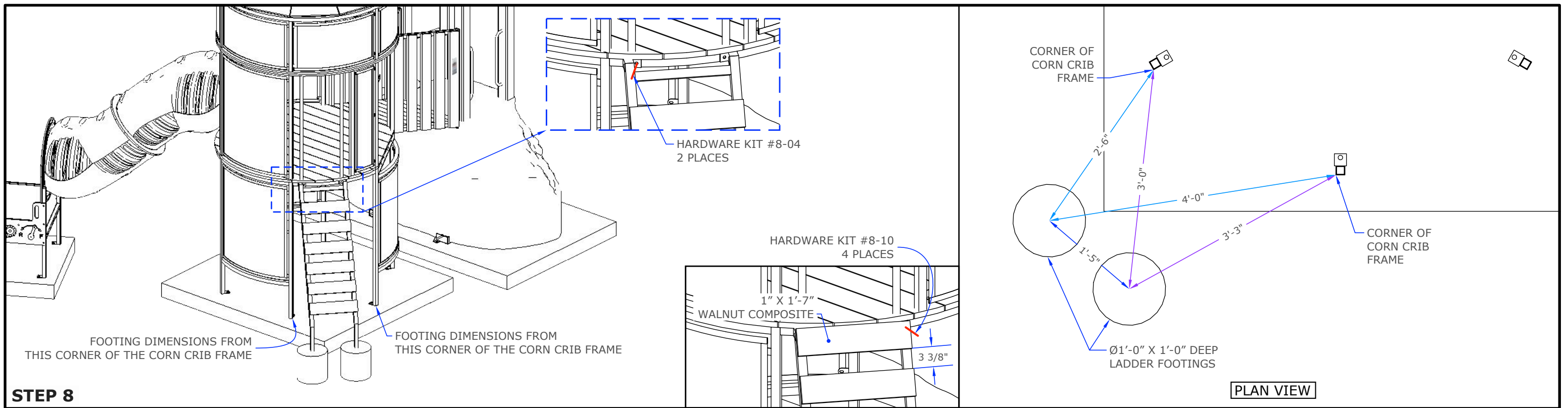
STEP 6

Locate the 45° Tube without Flanges (BPL3108) and the 45° Tube with Flanges (BPL3107). Fasten the B Sides together using hardware kit #8-08 (8 places).

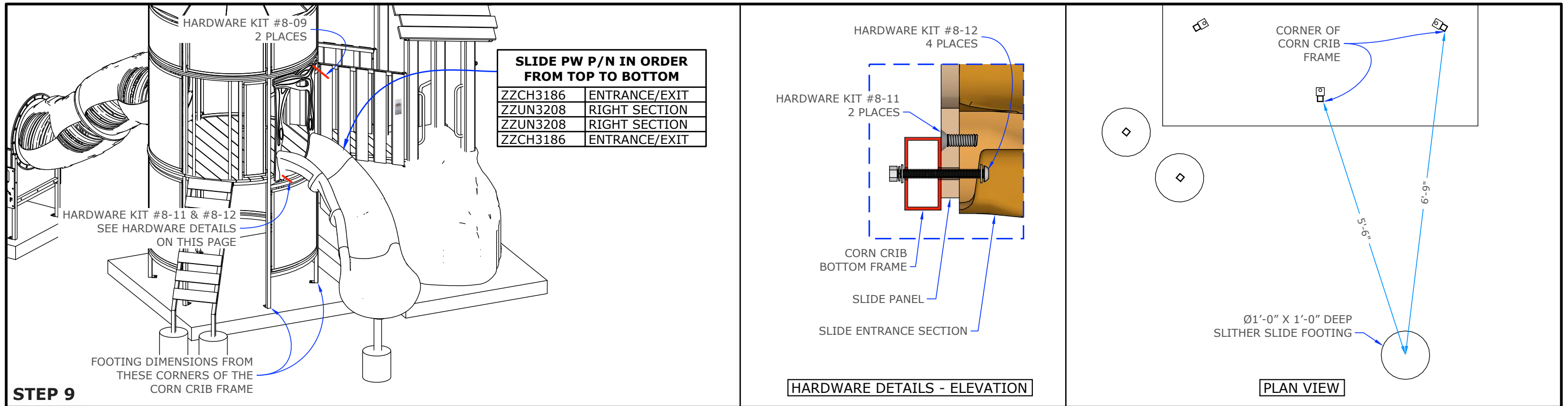


STEP 7

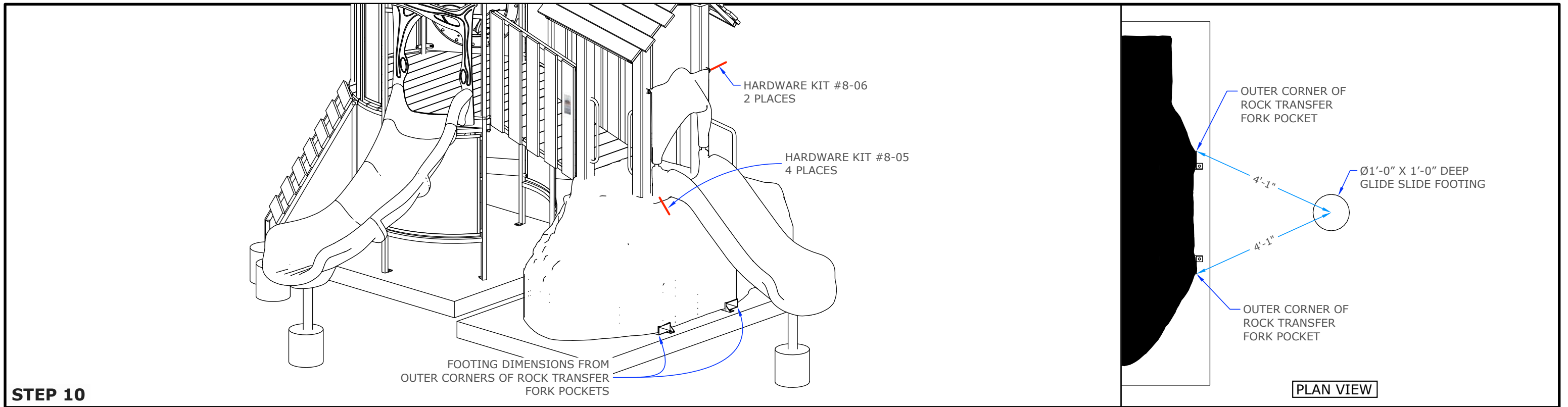
Locate the Conveyor and place it on the concrete slab. Lift the Tube Assembly from the previous step up to the Corn Crib Bottom and fasten to the HDPE Panel using hardware kit #8-09 (8 places). Also fasten the bottom of the Tube Assembly to the the Conveyor using hardware kit #8-09 (8 places). Then fasten the Conveyor to the concrete using hardware kit #8-01 (4 places).



Locate and install the Ladder. Dig footings per dimensions above. Fasten the Ladder to the Corn Crib Bottom using hardware kit #8-04 (2 places). Then fasten the loose 1" X 1'-7" Walnut Composite to the top of the Ladder as shown above. Pour concrete footings.



Dig footings for the Slither Slide per dimensions above. Countersink the upper holes of the Slide Panel, then fasten the Slide Entrance Section to the Slide Panel using hardware kit #8-11 (2 places). Fasten the top of the Slide Panel to the Corn Crib Bottom using hardware kit #8-09 (2 places). Then fasten the Slide Panel and the Slide Entrance Section to the Corn Crib Bottom using hardware kit #8-12 (4 places). See above. Install the rest of the Slither Slide per Playworld instructions.



STEP 10

Dig the footing for the Glide Slide per dimensions above. Fasten the Glide Slide to the Rock Transfer using hardware kit #8-06 (2 places) and #8-05 (4 places). Install the rest of the Glide Slide per Playworld instructions.

THIS SPACE INTENTIONALLY LEFT BLANK.

HARDWARE

HARDWARE KIT 8-01

5/8" X 4" TAPCON LDT CONCRETE FASTENER X14

HARDWARE KIT 8-02

3/8" X 2 1/4" BUTTON HEAD, PIN-IN, SS BOLT X6
 3/8" FLAT WASHER, SS X12
 3/8" SPLIT LOCK WASHER, SS X6
 3/8" NYLOCK NUT, SS X6

HARDWARE KIT 8-03

3/8" X 3" BUTTON HEAD, PIN-IN, SS BOLT X2
 3/8" FLAT WASHER, SS X4
 3/8" SPLIT LOCK WASHER, SS X2
 3/8" NYLOCK NUT, SS X2

HARDWARE KIT 8-04

3/8" X 2 1/2" BUTTON HEAD, PIN-IN, SS BOLT X4
 3/8" FLAT WASHER, SS X8
 3/8" SPLIT LOCK WASHER, SS X4
 3/8" NYLOCK NUT, SS X4

HARDWARE KIT 8-05

3/8" X 2 1/2" BUTTON HEAD, PIN-IN, SS BOLT X8
 3/8" FLAT WASHER, SS X8
 3/8" SPLIT LOCK WASHER, SS X8

HARDWARE KIT 8-06

3/8" X 1 1/4" BUTTON HEAD, PIN-IN, SS BOLT X4
 3/8" FLAT WASHER, SS X4
 3/8" SPLIT LOCK WASHER, SS X4

HARDWARE KIT 8-07

3/8" X 1 1/4" BUTTON HEAD, PIN-IN, SS BOLT X4
 3/8" FLAT WASHER, SS X8
 3/8" SPLIT LOCK WASHER, SS X4
 3/8" NYLOCK NUT, SS X4

HARDWARE KIT 8-08

3/8" X 1" BUTTON HEAD, PIN-IN, SS BOLT X8
 3/8" FLAT WASHER, SS X16
 3/8" NYLOCK NUT, SS X8

HARDWARE KIT 8-09

3/8" X 1 3/4" BUTTON HEAD, PIN-IN, SS BOLT X18
 3/8" FLAT WASHER, SS X36
 3/8" SPLIT LOCK WASHER, SS X18
 3/8" NYLOCK NUT, SS X18

HARDWARE KIT 8-10

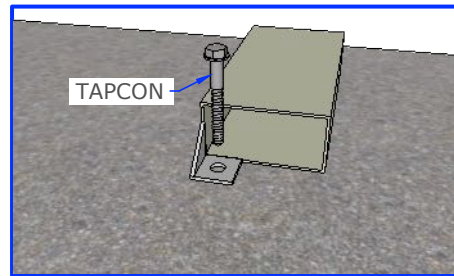
#12-24 X 2" SELF DRILL FH SQUARE SCREW X4

HARDWARE KIT 8-11

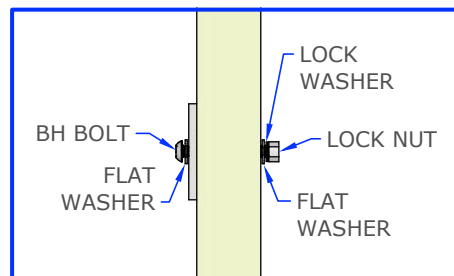
3/8" X 1 1/2" FLAT HEAD, BOLT X2

HARDWARE KIT 8-12

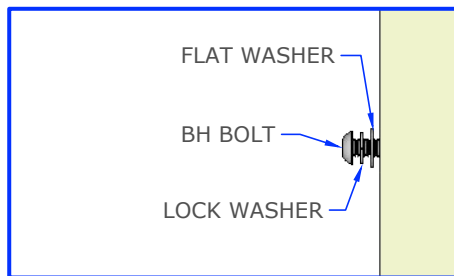
3/8" X 5" BUTTON HEAD, PIN-IN, SS BOLT X4
 3/8" FLAT WASHER, SS X8
 3/8" SPLIT LOCK WASHER, SS X4
 3/8" NYLOCK NUT, SS X4



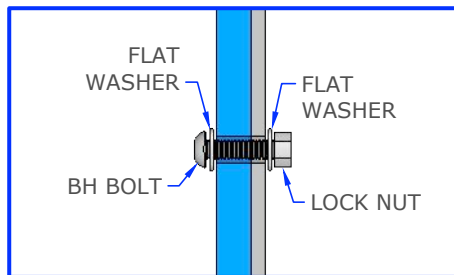
HARDWARE KIT #8-01
CONCRETE ANCHOR DETAIL



HARDWARE KIT #8-02-04, 07, 09, 12
THROUGH BOLT APPLICATION



HARDWARE KIT #8-05, 06
INSERT APPLICATION



HARDWARE KIT #8-08
THROUGH BOLT APPLICATION

*******IMPORTANT NOTES*******

**USE THREAD LOCK ON ALL FASTENERS
 CUT ANY AND ALL BOLT ENDS WITH MORE THAN 2 THREADS EXPOSED
 PAINT ALL EXPOSED STEEL FROM CUTTING OR DRILLING**



Submittal Information

Large Diameter Tapcon (LDT) Self-threading



SPECIFIED FOR ANCHORAGE INTO CONCRETE

The LDT anchor is a high performance anchor that cuts its own threads into concrete.

Anchor bodies are made of hardened carbon steel and zinc plated.

Grade 5

The anchors shall have a finished hex washer head with anti-rotation serrations to prevent anchor back-out. The head of the anchor is stamped with a length identification code for easy inspection.

The anchor shall be installed with carbide tipped hammer drill bits made in accordance to ANSI B212.15-1994.

LDT 3/8" and 1/2" are available with EnvireX coating

1,000 hours salt spray ASTM B117. Approved for use in ACQ and MCQ Lumber*

*Excessive content of copper in the ACQ and MCQ lumber may affect the anchor finish.

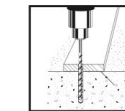
LENGTH INDICATION CODE*

| CODE | LENGTH OF ANCHOR In. (mm) | |
|------|---------------------------|-----------------|
| A | 1-1/2 < 2 | (38.1 < 50.8) |
| B | 2 < 2-1/2 | (50.8 < 63.5) |
| C | 2-1/2 < 3 | (63.5 < 76.2) |
| D | 3 < 3-1/2 | (76.2 < 88.9) |
| E | 3-1/4 < 4 | (88.9 < 101.6) |
| F | 4 < 4-1/2 | (101.6 < 114.3) |
| G | 4-1/2 < 5 | (114.3 < 127.0) |
| H | 5 < 5-1/2 | (127.0 < 139.7) |

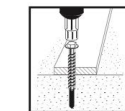
* Located on top of anchor for easy inspection.

INSTALLATION STEPS

Installation Steps for Concrete, Lightweight Concrete and Metal Deck



1. Using the proper size carbide bit (see chart) drill a pilot hole at least 1" deeper than anchor embedment.



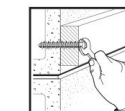
2. Using an **electric impact wrench**, or socket wrench (hand install) insert anchor into hole and tighten anchor until fully seated. (see chart for socket size) (do not over tighten).

Installation Steps for Hollow or Grout-Filled CMU

(3/8" and 1/2" diameter)



1. Using a 5/16" (for 3/8" LDT) or 7/16" (for 1/2" LDT) carbide tipped bit, drill a pilot hole at least 1" deeper than anchor embedment.



2. Using a socket wrench insert anchor into hole and hand tighten (only) anchor until fully seated. (9/16" socket for 3/8" and 3/4" socket for 1/2") (do not over tighten).



LDT's can be installed by hand or with an impact wrench

Installation by hand—is easy, simply using a socket wrench

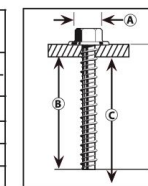


Installation by impact wrench—is recommended for faster installations or for high volume projects. Installation with impact wrench—is **not** recommended for hollow block.

Selection Chart

| LDT Size | ANSI Standard Drill Bit Diameter | Anchor Head (Socket Size) Diameter | Washer Diameter | Minimum Embedment | Hole Depth | USE IN | | |
|----------|----------------------------------|------------------------------------|-----------------|-------------------|------------|----------|------------|--------------|
| | | | | | | Concrete | Hollow CMU | Grout-filled |
| LDT 3/8" | 5/16" | 9/16" | 13/16" | 1-1/2" | 2-1/2" | YES | YES | YES |
| LDT 1/2" | 7/16" | 3/4" | 1" | 2-1/2" | 3-1/2" | YES | NO | YES |
| LDT 5/8" | 1/2" | 13/16" | 1-3/16" | 2-3/4" | 3-3/4" | YES | NO | YES |
| LDT 3/4" | 5/8" | 15/16" | 1-5/16" | 3-1/4" | 4-1/4" | YES | NO | YES |

© See catalog for effective lengths and length indication code.



ITW Red Head
 1-800-899-7890