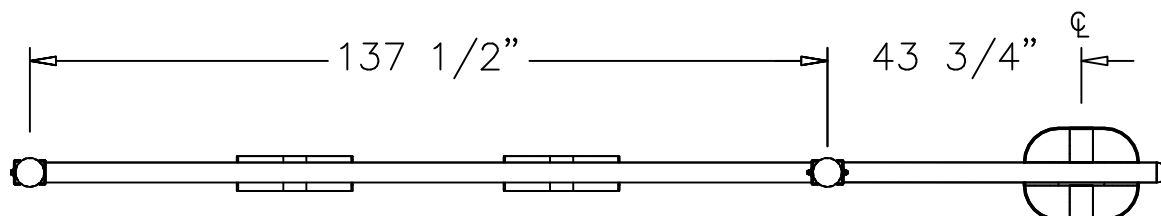


1 Bay Single Post w/ 1 Swing Arm Added- PLAN VIEW



Single Post Swings:

Use Zone with Bucket Seats: 32' X 24'

Use Zone with Bucket Seats: 24' X 24'

Swing Arm Swing:

Use Zone: 15' X 11'

FIGURE 1 - SIDE VIEW

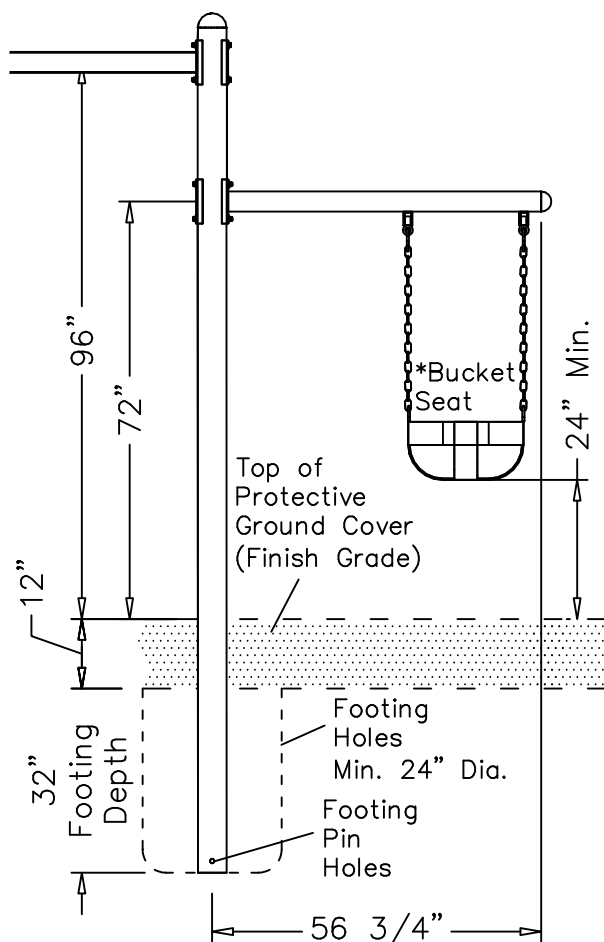


FIGURE 3

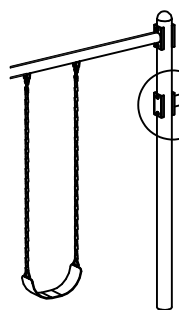
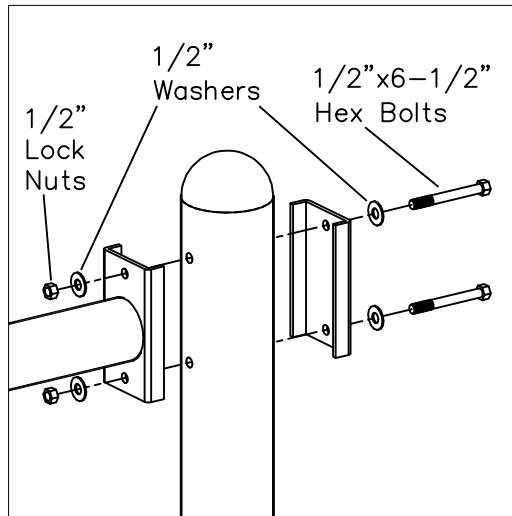


FIGURE 2

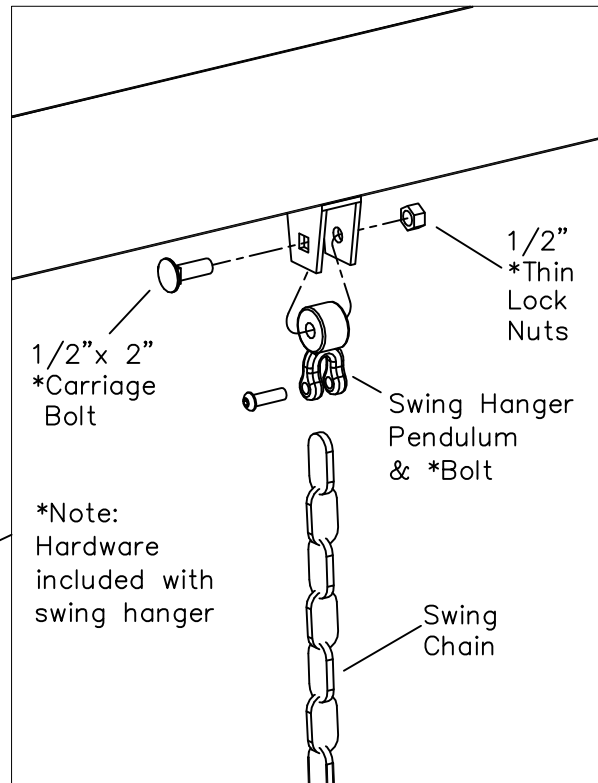


FIGURE 5

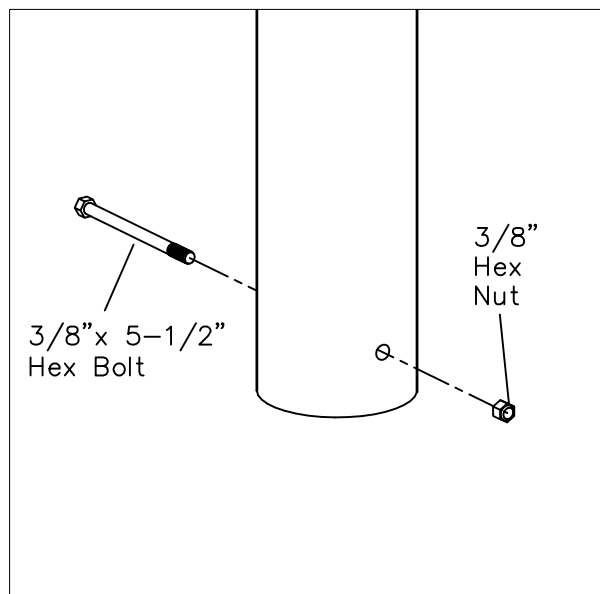
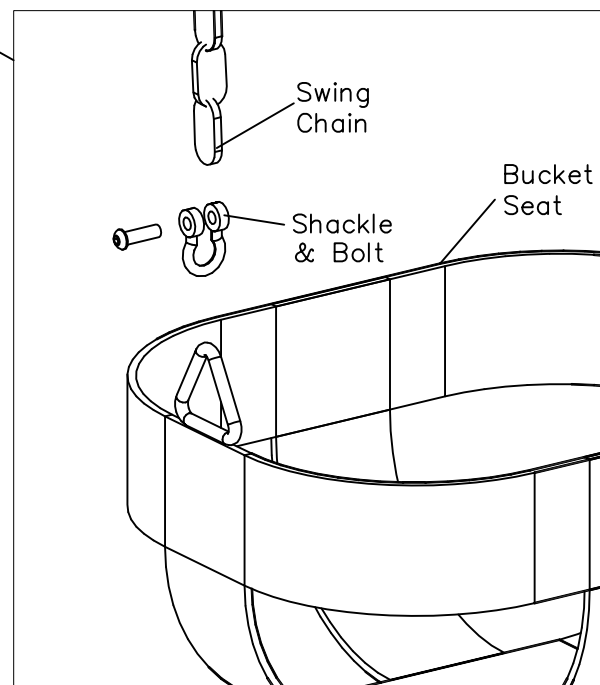


FIGURE 4



Parts List

QTY.	DESCRIPTION	PART #
1	Swing Arm Swing Beam	FS-PC2192-BEM
1	Swing Arm Added Post	FS-PC2192-POS
1	Single Post Swing Bracket	4153
2	Swing Hanger , Pendulum w/ (2) Bolts & (1) thin lock Nut	471008
2	Shackle & Bolt	451165
2	Swing Chain - varies	517003
1	Bucket Swing Seat	VARIES
2	1/2"x6-1/2" Hex Bolt	9125272
1	3/8"x5-1/2" Hex Bolt	9123231
4	1/2" Washer Cut HDG	9315003
2	1/2" Lock Nut	9415132
1	3/8" Hex Nut	9483602

Specifications

SWING ARM SINGLE POST SWING STRUC. :

Overhead beam shall be fabricated from 3.5" 11 gage galvanized steel tubing. Upright posts shall be fabricated from 5" Dia., 11 gage galvanized steel tubing. Overhead beam and upright post shall be powder coated as specified after fabrication.

BUCKET SWING SEAT:

Swing seats shall be molded from a UV-stabilized flexible rubber compound with slash-proof, reinforced metal inserts.

SWING HARDWARE:

Hardware shall include commercial-grade hangers and shackles designed to support swing seats. Swing seats shall be suspended from 5/0 galvanized and PVC-coated swing chain.

HARDWARE:

Shall be stainless steel as required to resist rust and corrosion.

Installation

NOTES:

(A) According to *The Handbook for Playground Safety*, Sec. 12.6.3 **Tot Seats** : "It is recommended that tot swings be suspended from structures which are separate from those for other swings, or at least suspended from a separate bay of the same structure."

(B) The minimum use zones were calculated according to the ASTM F1487 Sec. 9.4.1 When the swing structure for the Belt Seats require 32' total clearance in the To-Fro direction, and Bucket Seats require a total of 24'. Both types require 6' clear each side of the swing structure at the support posts.

(C) Use liquid thread lock (such as Loctite) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

Step 1.

Locate & dig 24" Dia. footing hole as shown in Plan View on Page 1. See Figure 1.

Step 2.

Install Footing Bolt & Nut in Post bases. See Figure 5.

Step 3.

Attach Swing Beam to Posts. See Figure 3. Place assembled swing structure into footing holes. Plumb the Posts and level the Swing Beam. Pour concrete into Post footing holes. Allow to cure for at least 72 hours.

Step 4.

Attach Pendulums to hangers on Beam. See Figure 2. Attach Swing Chains to pendulum shackles.

Step 5.

Attach Seats to Swing Chains with Shackles. See Figure 4. Place at least 12" of Protective Ground Cover under Swing(s). Chain length should be adjusted (trimmed if necessary) so that underside of Belt is at least 12" (Bucket Seat 24") above protective ground cover . See Figure 1.

Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately.