



**MEC205 TOT CITY (GREEN) - METAL**  
**EC205 TOT CITY (GREEN) - WOOD**  
**ME205B TOT CITY (BLUE) - METAL**  
**EC205B TOT CITY (BLUE) - WOOD**

Parts List					
DESCRIPTION	MEC205	EC205	ME205B	EC205B	PART NUMBER
PLATFORM PLATE PKG	3	3	3	3	E050
BUBBLE	1	1	1	1	55003
PLATFORM EXTENSION 9 BOARD - M	1	0	1	0	M03001
PLATFORM EXTENSION 9 BOARD - WOOD	0	1	0	1	Z03001
PLATFORM 9 BOARD - M	3	0	3	0	M03009
PLATFORM 9 BOARD - WOOD	0	3	0	3	Z03009
FIND-N-SEEK	1	0	1	0	M16001
FIND-N-SEEK	0	1	0	1	16001
TOT STAIRS 30" - M	1	0	1	0	M52036
TOT STAIRS 30" - WOOD	0	1	0	1	52036
PLAYHOUSE ROOF 58" GREEN - M	2	0	0	0	M53009
PLAYHOUSE ROOF 58" GREEN - WOOD	0	2	0	0	Z53009
PLAYHOUSE ROOF 58" BLUE - M	0	0	2	0	M53011
PLAYHOUSE ROOF 58" BLUE - WOOD	0	0	0	2	Z53011
ENCLOSURE PANEL, MED w/BASE - M	1	0	1	0	M54050
ENCLOSURE PANEL, MED w/BASE - WOD	0	1	0	1	54050
PLANTER PANEL - METAL	2	0	2	0	M54053
PLANTER PANEL - WOOD	0	2	0	2	54053
BIGWHEEL PANEL w/BASE - M	1	0	1	0	M54054
BIGWHEEL PANEL w/BASE - WOOD	0	1	0	1	54054
FLAT PANEL - M	1	0	1	0	M55001
FLAT PANEL - WOOD	0	1	0	1	55001
TOT SLIDE 30" - M	1	0	1	0	M56012
TOT SLIDE 30" - WOOD	0	1	0	1	56012
ROCK CLIMB 2'-6" - M	1	0	1	0	M57043
ROCK CLIMB 2'-6" - WOOD	0	1	0	1	57043
EARLYWORKS ASS'Y PKG - M	1	0	1	0	M59011
EARLYWORKS ASS'Y PKG - WOOD	0	1	0	1	59011
MR. WELCOME JR. PANEL - M	1	0	1	0	M59030
MR. WELCOME JR. PANEL - WOOD	0	1	0	1	59030
COLUMN, 8'-0" (ROOF) - WOOD	0	4	0	4	Z01043
COLUMN, 9'-0" (ROOF) - WOOD	0	4	0	4	Z01044
UPRIGHT 1	1	0	1	0	404518
UPRIGHT 2	1	0	1	0	404520
UPRIGHT 3	1	0	1	0	404522
UPRIGHT 4	1	0	1	0	404524
UPRIGHT 5	1	0	1	0	404526
UPRIGHT 6	1	0	1	0	404528



**MEC205 TOT CITY (GREEN) - METAL**  
**EC205 TOT CITY (GREEN) - WOOD**  
**ME205B TOT CITY (BLUE) - METAL**  
**EC205B TOT CITY (BLUE) - WOOD**

Parts List					
DESCRIPTION	MEC205	EC205	ME205B	EC205B	PART NUMBER
UPRIGHT 7	1	0	1	0	404530
UPRIGHT 8	1	0	1	0	404532

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

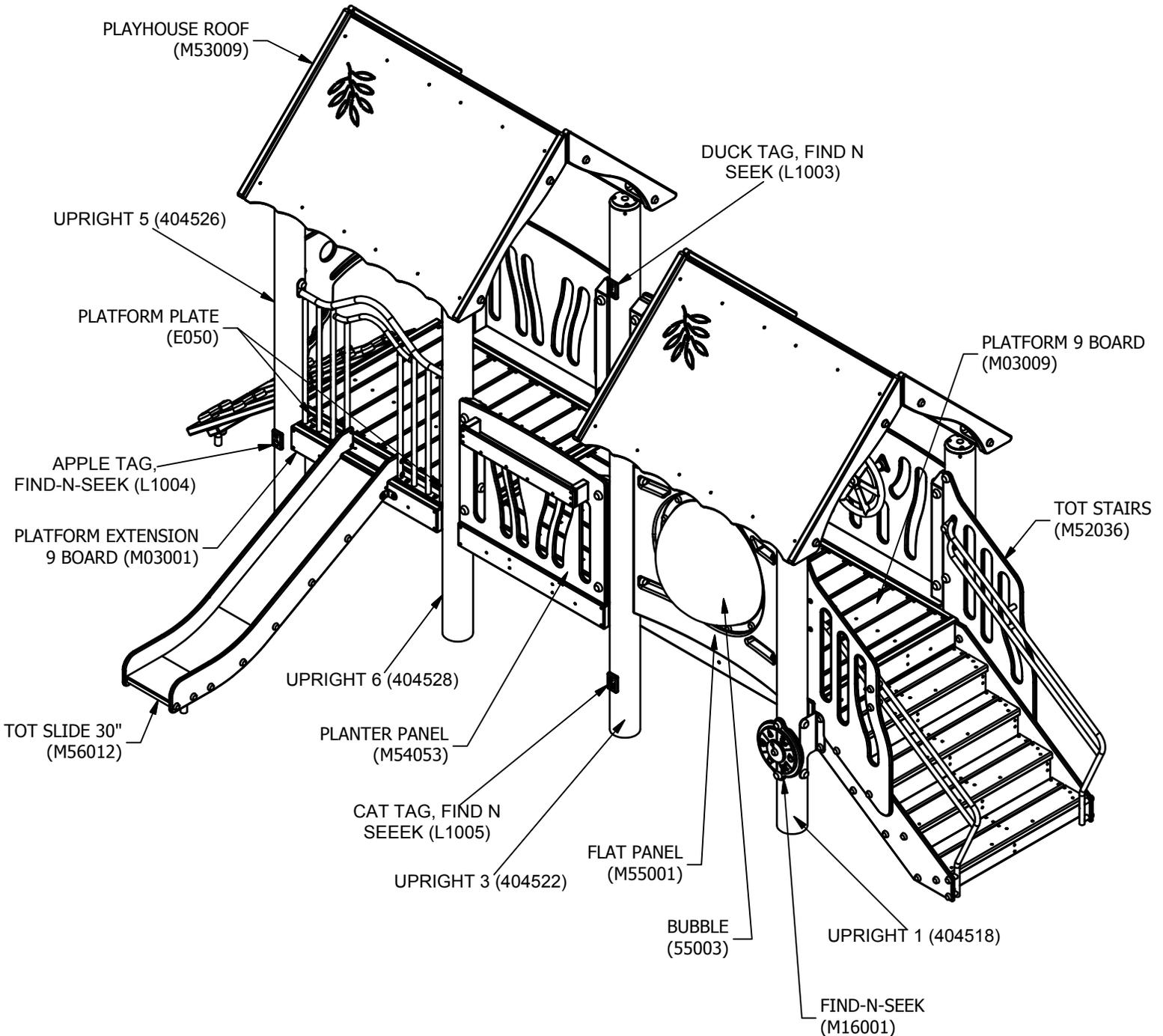
**INSTALLATION INSTRUCTIONS:**

1. Dig footing holes as shown in Ground Plan. See specific installation sheets for Elevation Views.
2. Refer to specific installation sheets for component attachments, hardware, details, and concrete requirements.
3. Refer to the Installation Instruction Prolog for attaching Column End Caps.
4. Attach Platform Plates on top surface of platform around columns using 3/4" wood screws to prevent string entanglement.
5. Plumb and level the entire assembly and tighten all fasteners.
6. After entire unit is assembled pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. NOTE: Temporary bracing may be required until concrete cures.
7. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolt, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

**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. Also 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.

**MEC205 TOT CITY (GREEN) - METAL**  
**EC205 TOT CITY (GREEN) - WOOD**  
**ME205B TOT CITY (BLUE) - METAL**  
**EC205B TOT CITY (BLUE) - WOOD**



**FINISHED ASSEMBLY**  
**MEC205 SHOWN**

Issued/Revised: 04/02/13

**BigToys**<sup>®</sup>

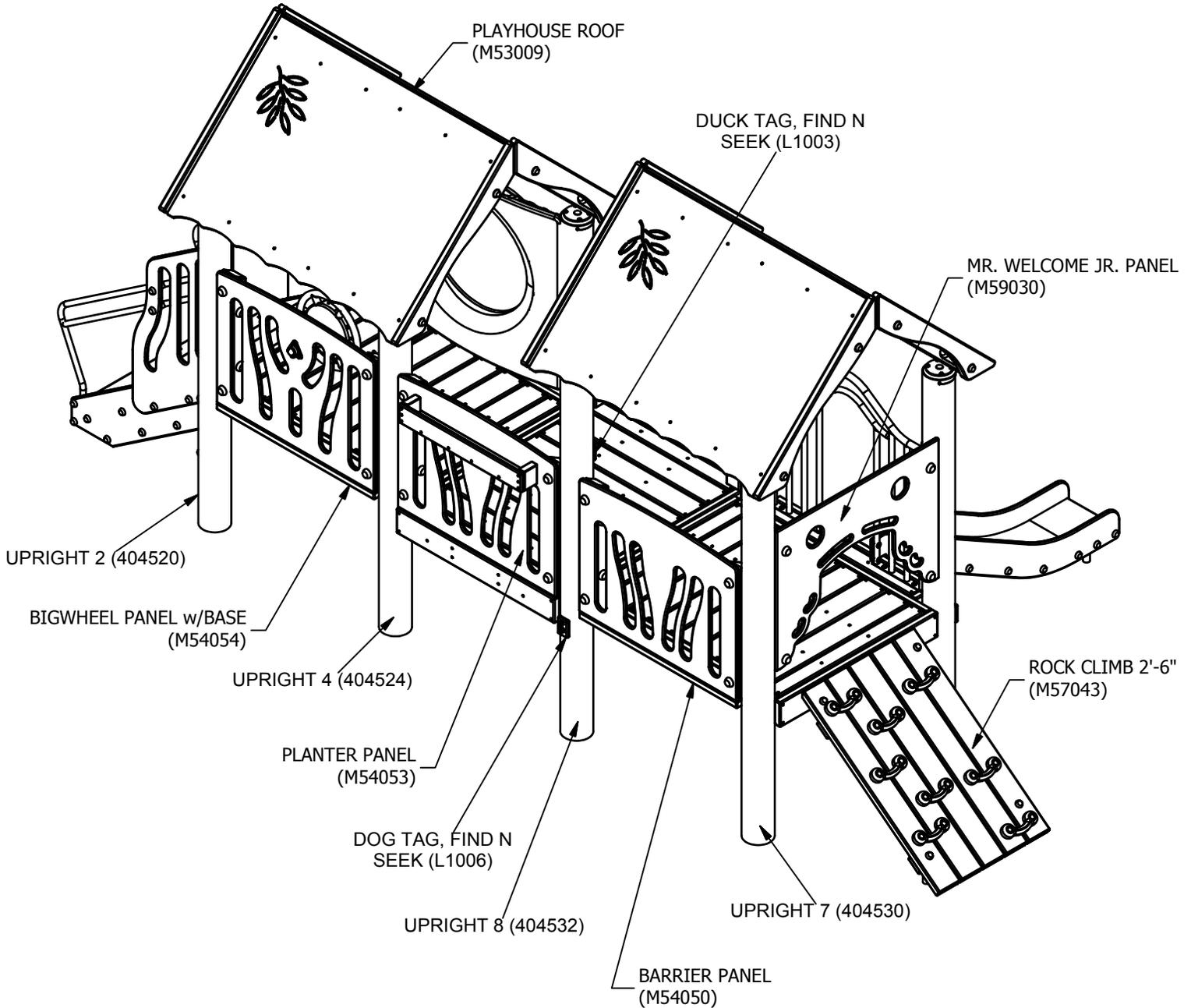
A PLAYCORE Company

SHEET 3 OF 5

1-866-814-8697

bigtoys.com

**MEC205 TOT CITY (GREEN) - METAL**  
**EC205 TOT CITY (GREEN) - WOOD**  
**ME205B TOT CITY (BLUE) - METAL**  
**EC205B TOT CITY (BLUE) - WOOD**



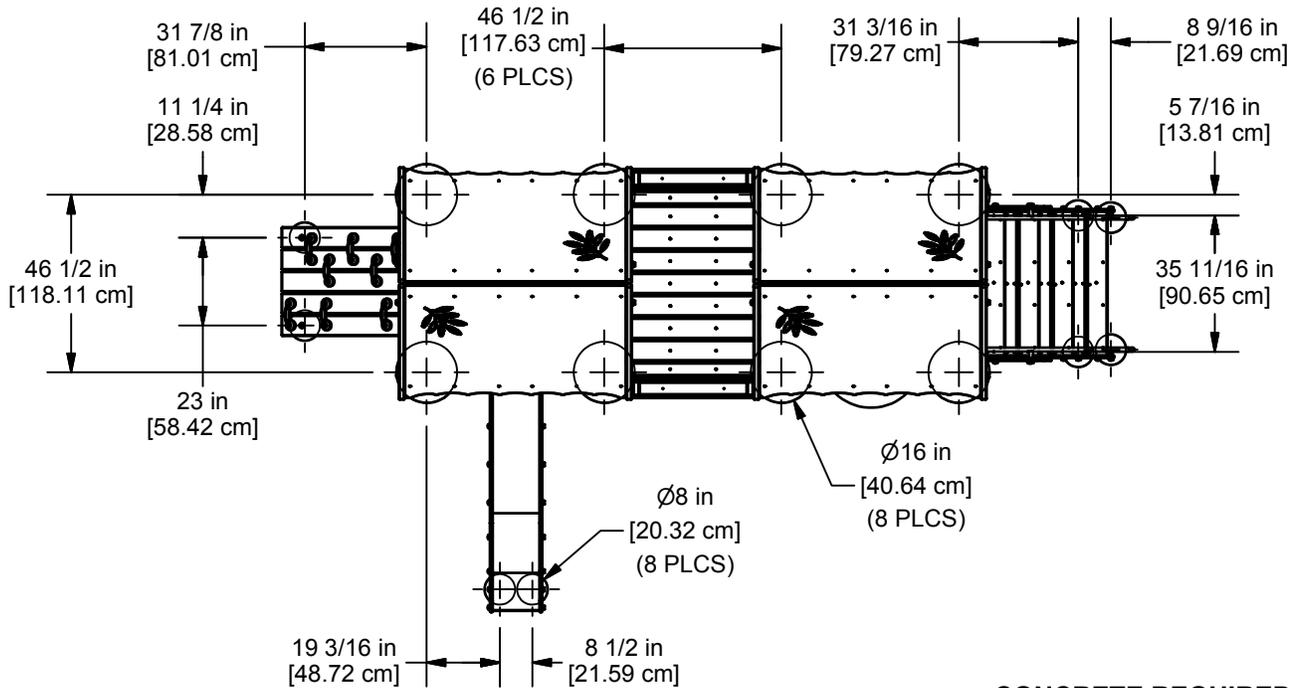
**FINISHED ASSEMBLY**  
**MEC205 SHOWN**

Issued/Revised: 04/02/13

SHEET 4 OF 5

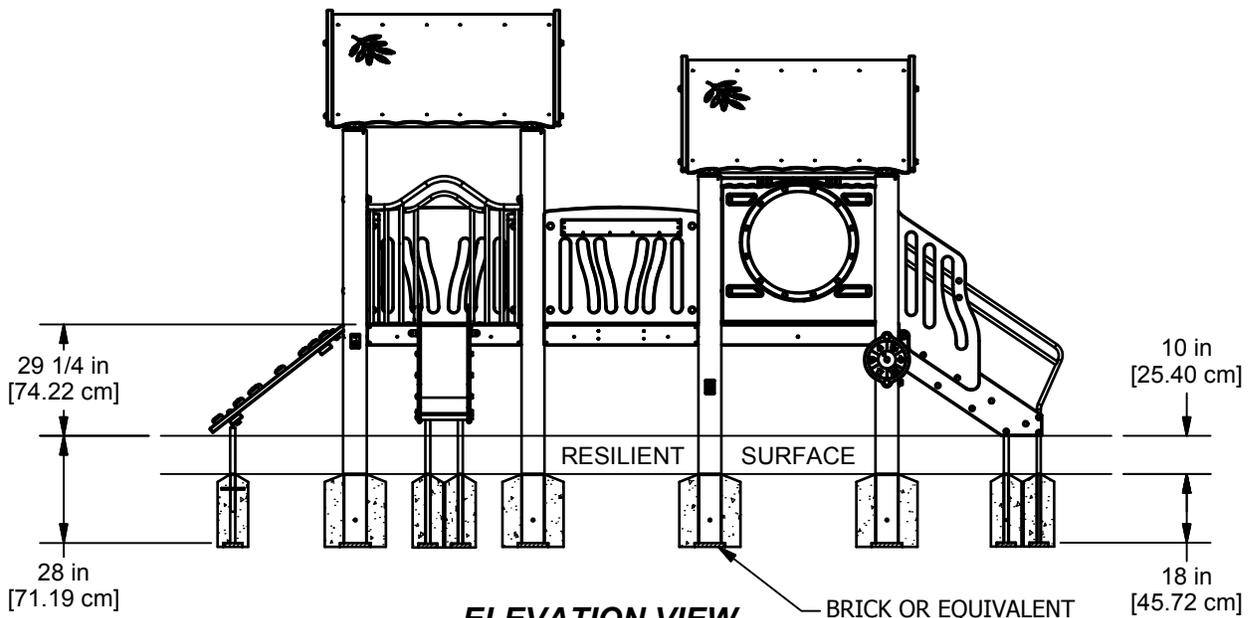
**BigToys®**

**MEC205 TOT CITY (GREEN) - METAL**  
**EC205 TOT CITY (GREEN) - WOOD**  
**ME205B TOT CITY (BLUE) - METAL**  
**EC205B TOT CITY (BLUE) - WOOD**



**CONCRETE REQUIRED**  
 0.688 CUBIC YARDS  
 0.528 [CUBIC METERS]

**PLAN VIEW**

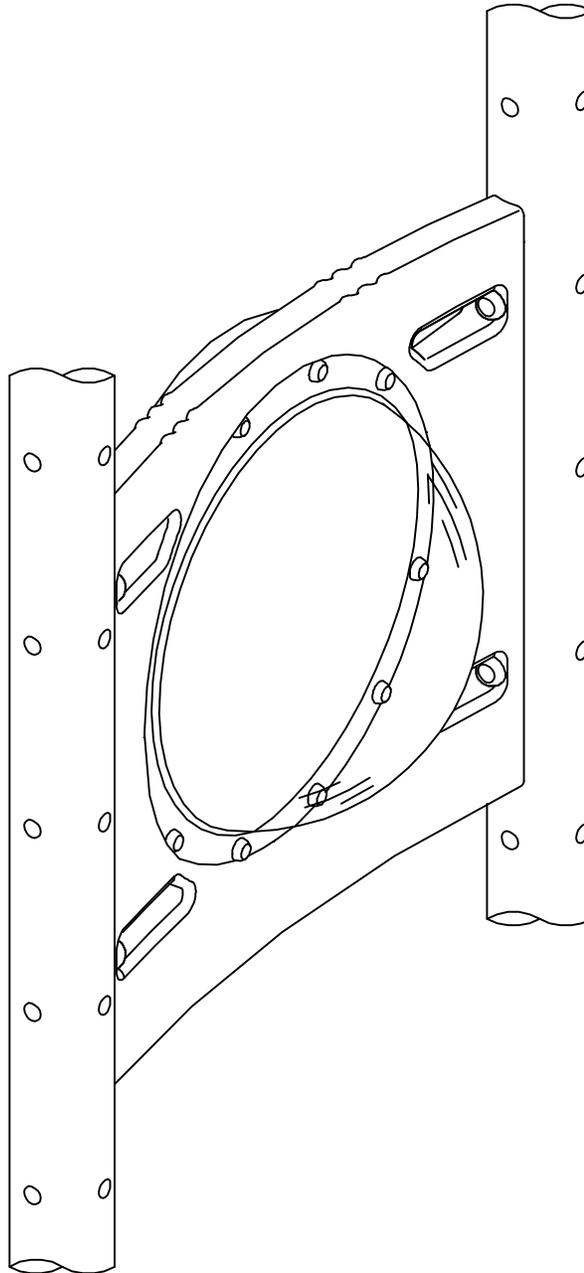


**ELEVATION VIEW**  
**MEC205 SHOWN**

# Bubble

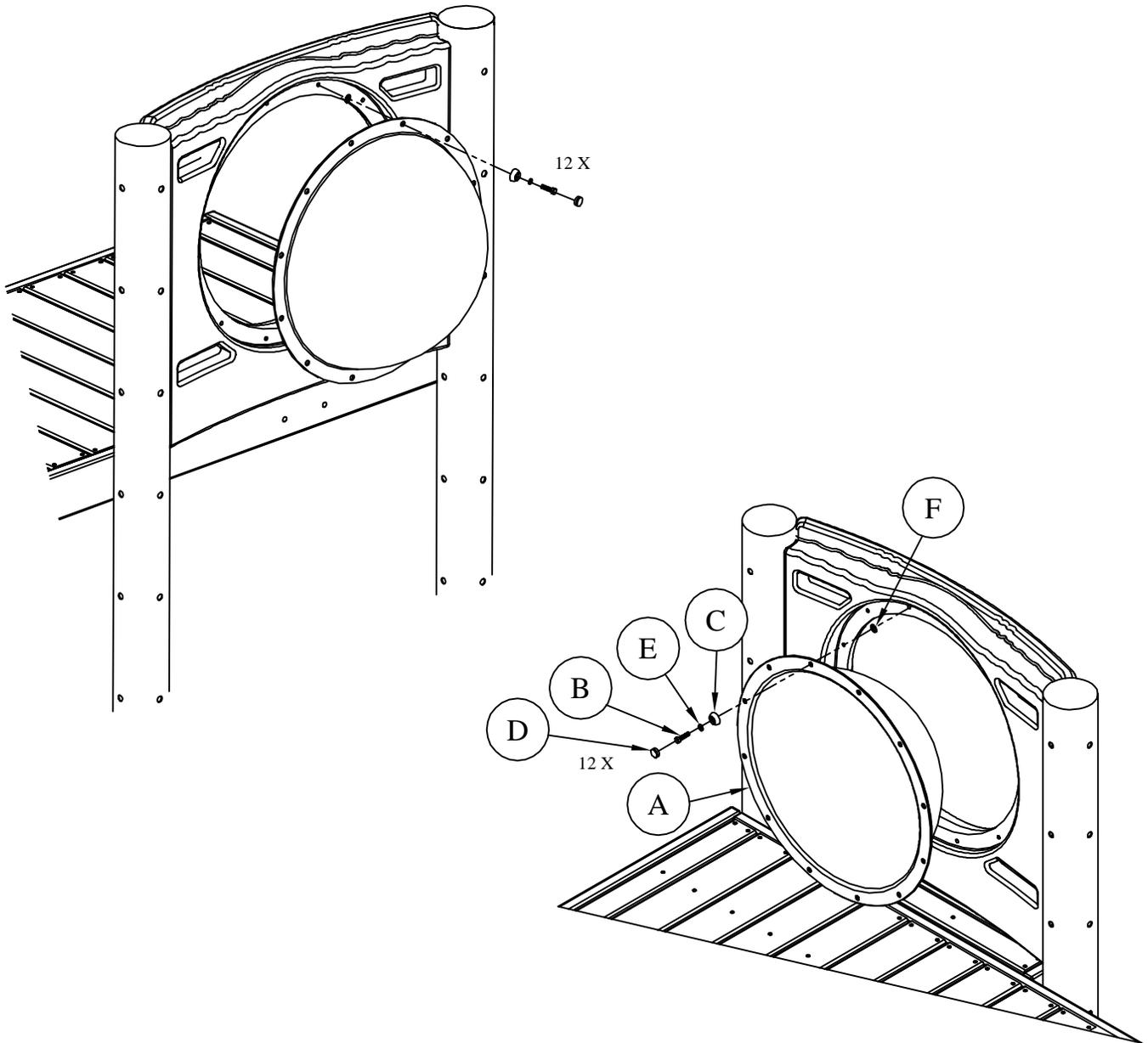
06-003, 55-003  
Installation Instructions

**BigToys**  
A PLAYCORE Company



DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	1	G105	Bubble 30" Diameter	
	1	D110_	Connector Panel-Bubble	
B	12	801002	Bolt Hex 3/8-16 x 3/4" Grd 2 NC Pltd	 
C	12	G030_	Do-Nut Base (No Boss) 10mm	 
D	12	G032_	Do-Nut Cap 10mm	 
E	12	817200	Lock Washer, 3/8" Int Tooth Type A PLTD	 
F	12	817460	Washer 3/8" SS (.391ID x .62 OD) Flat	 

1. Refer to your structure design for location and orientation of Bubble.
2. **Attach Panel** (See "Instruction for Flat or Wave Panel.")
3. **Attach Bubble** (A) to panel using hardware provided (F)(C)(E)(B)(D).



Example of this Bubble orientation must be installed over a Platform or Platform with Extension.

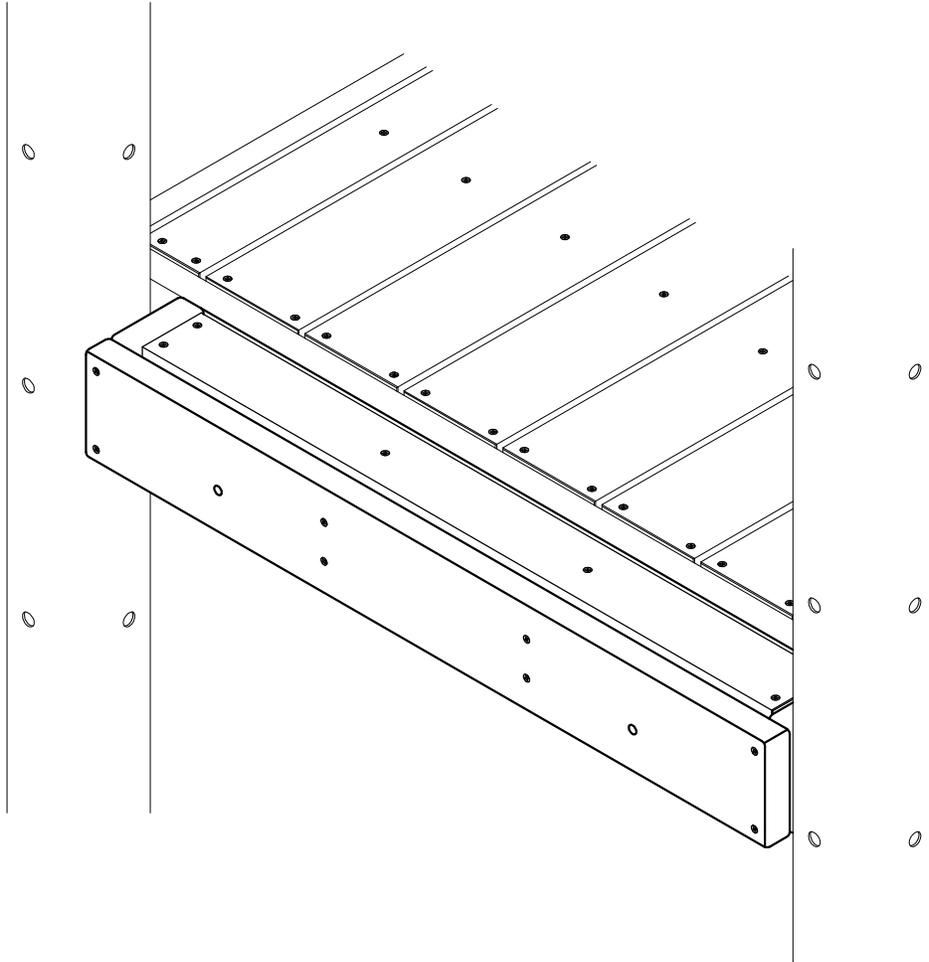
# Platform Extension, 9-Board - Metal

M03-001

Installation Instructions

**BigToys**

A PLAYCORE Company

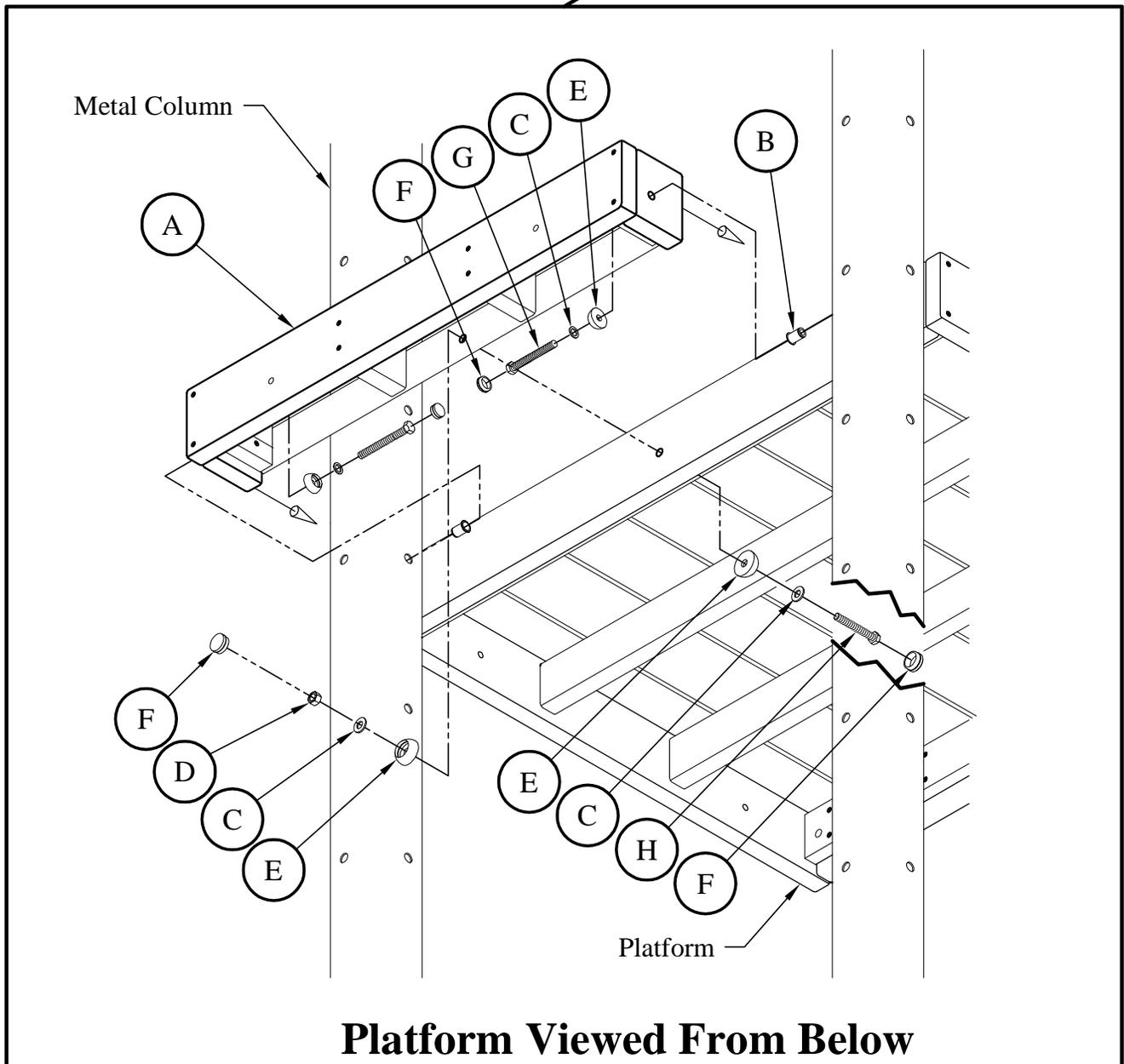
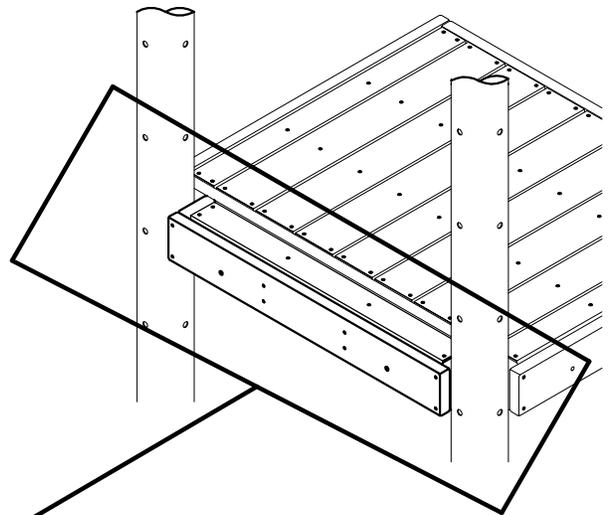


DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	1	M403	Platform Extension, 9-Board	
B	2	M000	Threaded Insert 1/2"	
	1	E495_	Connector, Platform Ext 9BD	
C	4	817201	Lock Washer, 1/2" Int Tooth Type A PLTD	
D	1	804055	Nut, Hex 1/2-13 NC Pltd	
E	4	G034GY	Do-Nut Base (No Boss) 12mm - Putty	
F	4	G036GY	Do-Nut Cap 12mm - Putty	
G	2	801256	Bolt Tap 1/2-13 x 3-1/2" NC Pltd	
H	1	800809	Bolt, 1/2 x 4" NC Pltd - Full Thread	

1. Refer to your structure design for the location of the 9-Board Platform Extension.
2. **Install the Threaded Inserts (B)** to the metal columns as shown.  
(See "Typical Threaded Insert Installation").
3. **Orient and attach the Platform Extension (A)** to the platform and metal columns using hardware (C)(D)(F)(E)(G) as shown.



Refer to "Typical Threaded Insert Installation" in the supplemental prolog (iM1000) for installation procedures.



## M03-009 PLATFORM 9 BOARD - METAL Z03-009 PLATFORM 9 BOARD - WOOD

Parts List			
DESCRIPTION	M03-009	Z03-009	PART NUMBER
PLATFORM 9 BOARD - M	1	0	M415
PLATFORM 9 BOARD - W	0	1	Z415
----HARDWARE COMPLETE----	1	0	E490
----HARDWARE COMPLETE----	0	1	D490
EAGLE FASTENER	0	1	G000*
12MM DO-NUT BASE	1	1	G034*
12MM DO-NUT CAP	1	1	G036*
1/2" THREADED INSERT	1	0	M000*
1/2" x 4" HEX HEAD BOLT	1	0	800809*
1/2" x 5" HEX HEAD BOLT	0	1	800807*
1/2" INTERNAL TOOTH LOCK WASHER	1	1	817201*

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

*Promptly cut-off flush, file smooth, and treat to prevent corrosion.*

**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.**

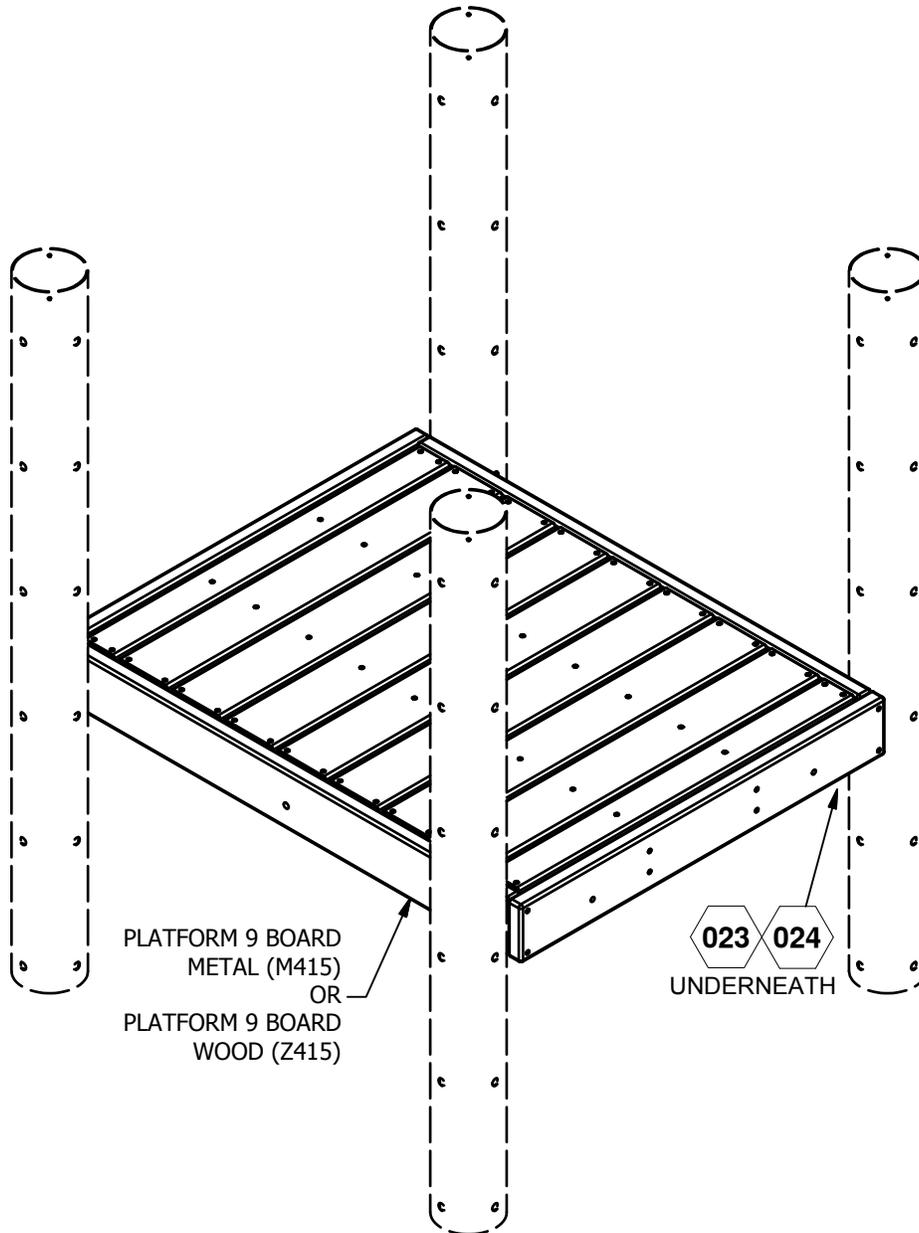
### **INSTALLATION INSTRUCTIONS:**

- Determine the location, height and orientation of the Platform 9 Board shown in the structure design layout plans.
- Install 1/2" Threaded Inserts or Eagle Fasteners in columns at proper locations.  
(Refer to Installation Prolog for typical Threaded Insert and Eagle Fastener Installation.)
- Attach Platform 9 Board to Upright using a 1/2" Threaded Insert, Do-Nut Base 12MM, 1/2" Internal Tooth Lock Washer, 1/2" x 4" Hex Head Bolt, and Do-Nut Cap 12MM. See Detail 023.
- IMPORTANT:** If installing the wood version attach Platform 9 Board to Upright using a Eagle Fastener, Do-Nut Base 12MM, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, and Do-Nut Cap 12MM. See Detail 024.
- When all decks are completed and correct, pour concrete footings within 4" to the top and taper away from support posts to allow water drainage. Allow curing at least 48 hours before use.
- Plumb and level the entire assembly and tighten all fasteners.
- When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

## M03-009 PLATFORM 9 BOARD - METAL Z03-009 PLATFORM 9 BOARD - WOOD

### **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. Also 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.



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**  
M03-009 SHOWN

COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 03/28/13

SHEET 2 OF 4

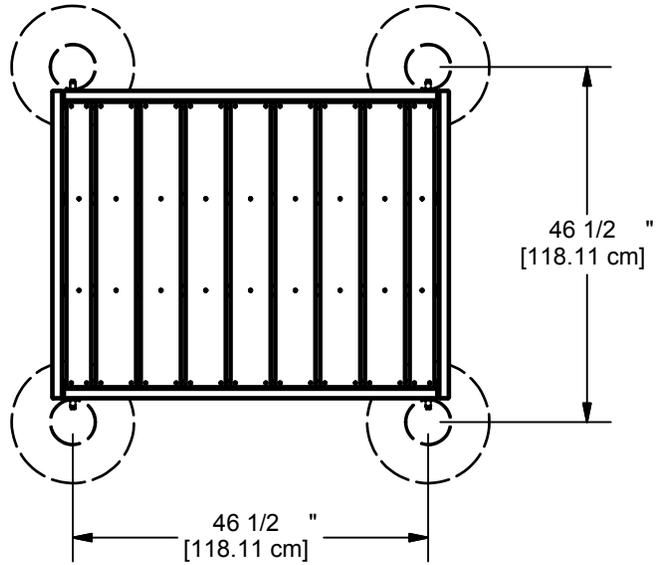
1-866-814-8697

# BigToys®

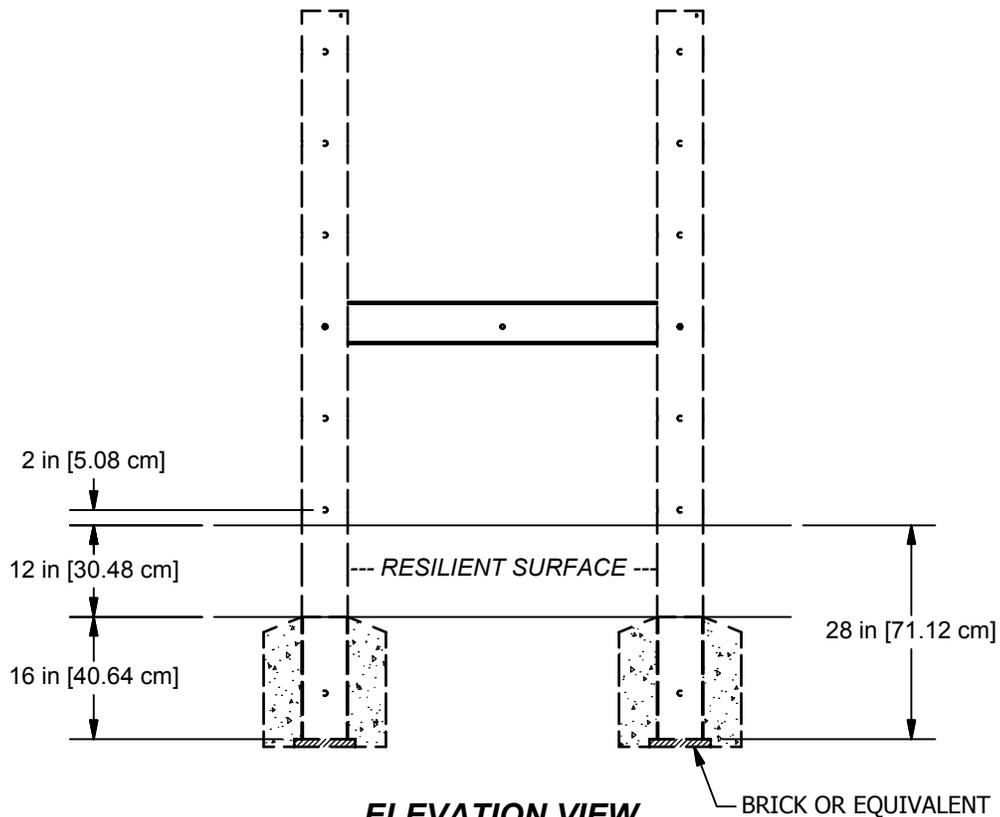
A PLAYCORE Company

[bigtoys.com](http://bigtoys.com)

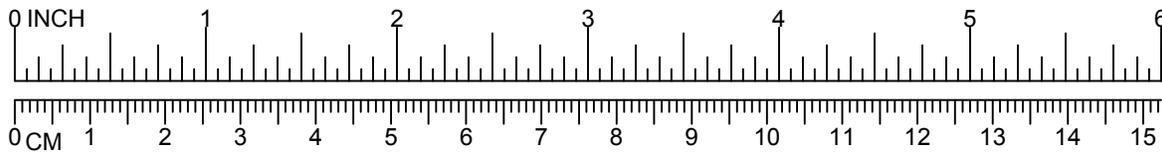
## M03-009 PLATFORM 9 BOARD - METAL Z03-009 PLATFORM 9 BOARD - WOOD



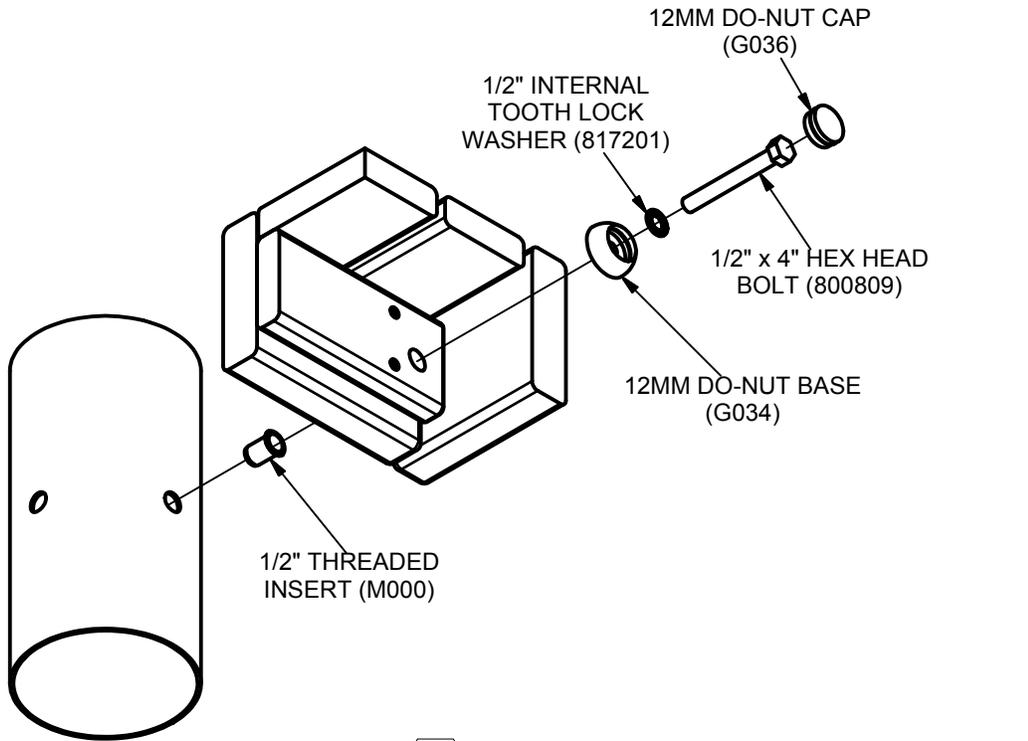
**PLAN VIEW**



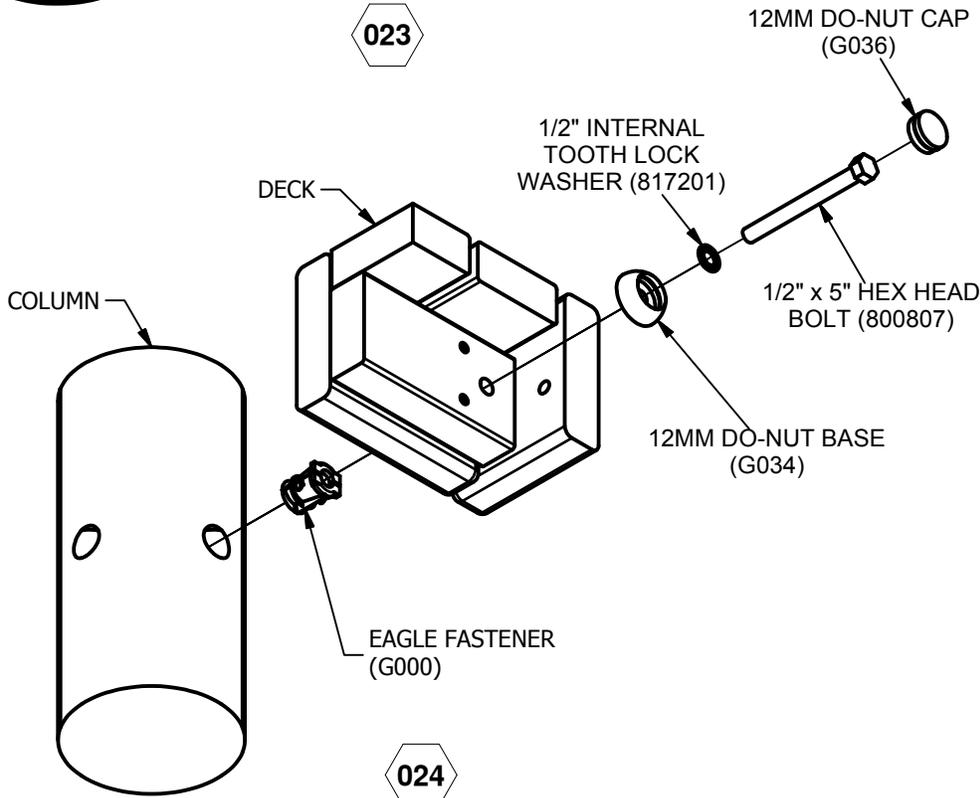
**ELEVATION VIEW**  
M03-009 SHOWN



# M03-009 PLATFORM 9 BOARD - METAL Z03-009 PLATFORM 9 BOARD - WOOD



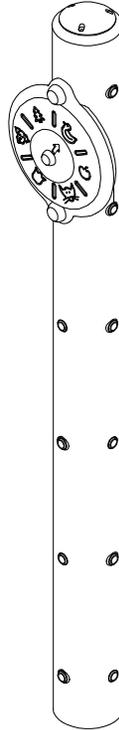
023



024

# Find N' Seek - M

M16-001  
Installation Instructions



DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	1	L1000	Find N' Seek Assembly	
B	6	L1001-L1006	Icon Tags, Find N' Seek	
C	8	M000	Threaded Insert 1/2"	
	1	E108_	Connector, Find N' Seek	
D	2	G034_	Do-Nut Base (No Boss) 12mm	
E	2	G036_	Do-Nut Cap 12mm	
F	2	817201	Lock Washer, 1/2" Int Tooth Type A PLTD	
G	2	801225	Bolt, 1/2 x 2-1/2" Pltd - Full Thread	
H	6	817342	Washer 1/2" Lock SS	
I	6	811063	Cap Screw 1/2-13 x 2" Btn Hd SS	

Items listed below Hardware Complete line are included with Hardware Complete Number  
**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.

Promptly cut-off flush, file smooth, and treat to prevent corrosion.

Unless Otherwise Specified, All Units of Measure are Each

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.

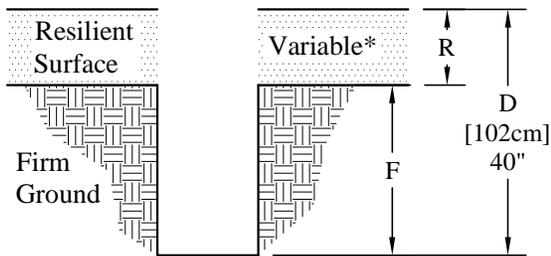
## MAINTENANCE PROCEDURE:

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. Also 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.



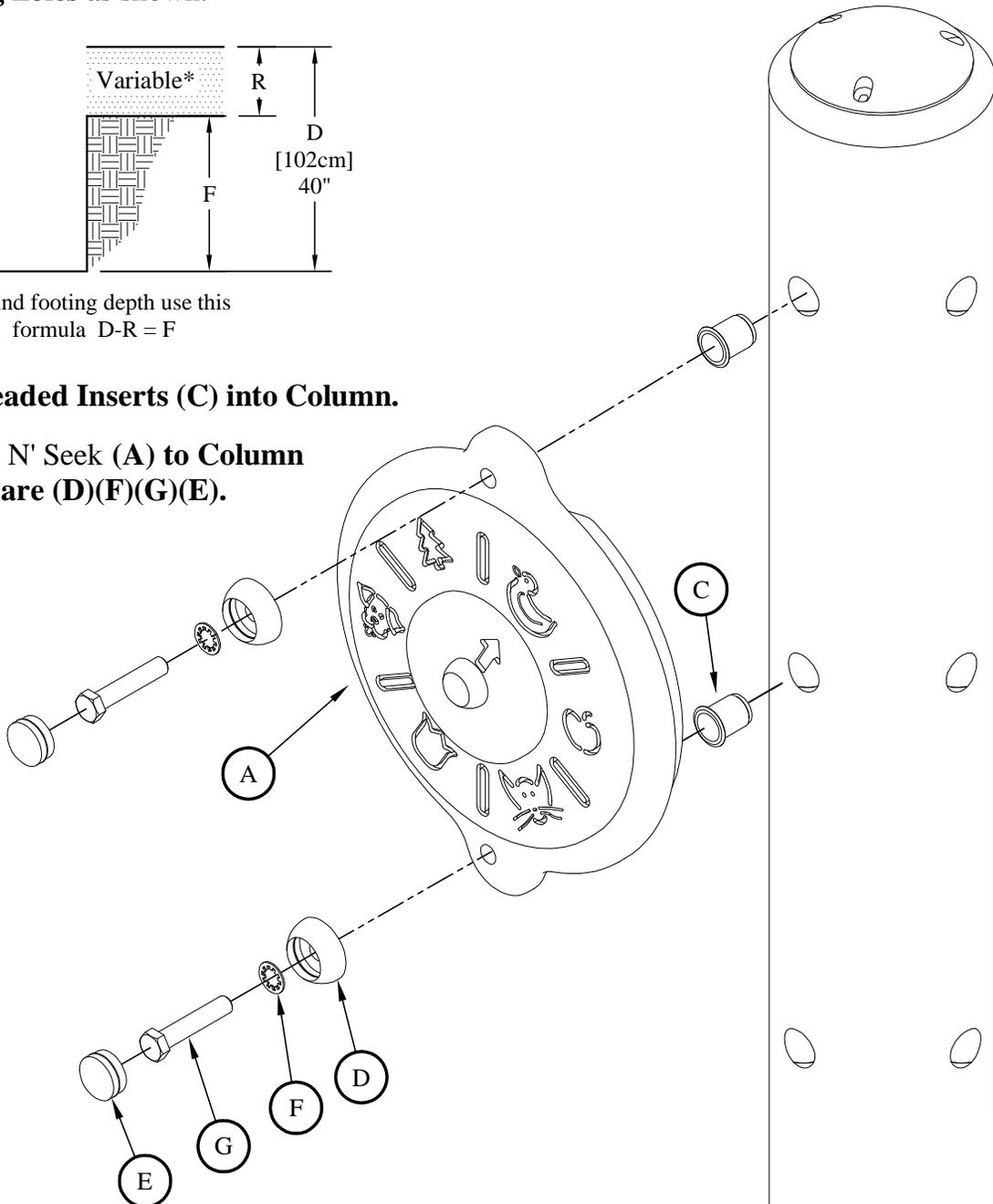
Refer to "Typical Threaded Insert Installation" in the supplemental prolog (iM1000) for installation procedures.

1. Refer to your structure design for location of Find N' Seek.
2. **Dig Footing holes** as shown.



To find footing depth use this formula  $D - R = F$

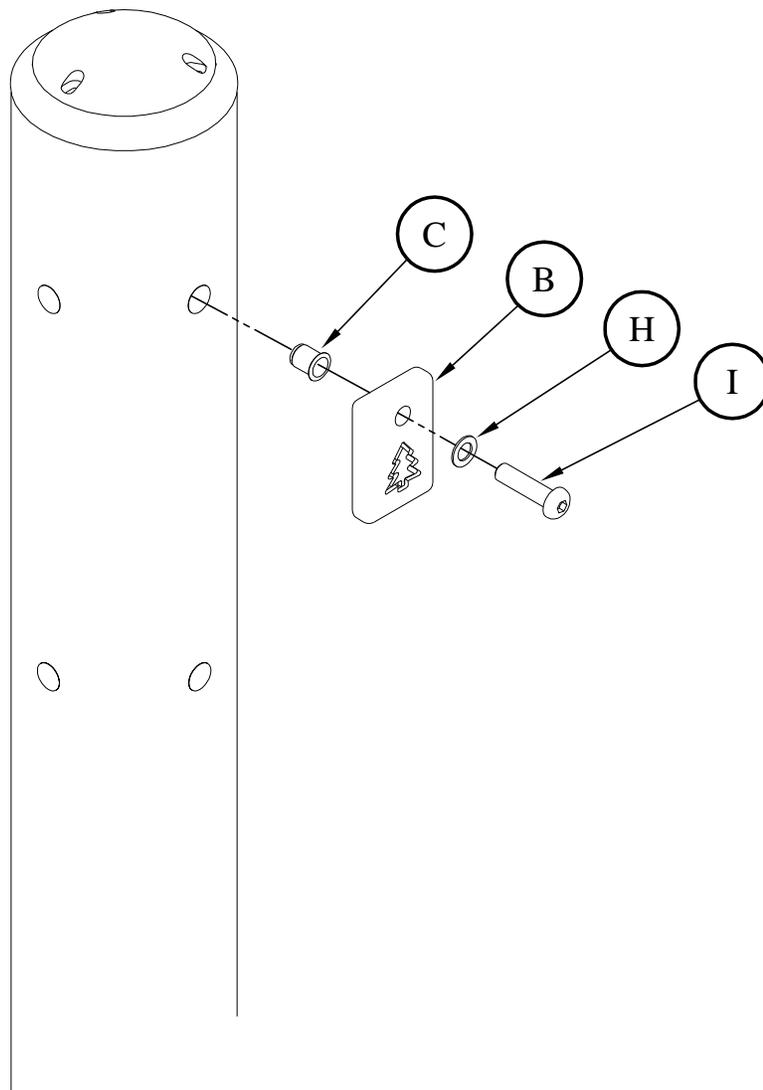
3. **Install Threaded Inserts (C) into Column.**
4. **Attach Find N' Seek (A) to Column with hardware (D)(F)(G)(E).**



4. **Install Threaded Insert (C) into Columns at desired locations.**

**Attach Icon Tags (B) to Columns desired locations with hardware (H)(I).**

5. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.



## M52036 Tot Stairs - Metal 52036 Tot Stairs - Wood

Parts List			
DESCRIPTION	M52036	52036	PART NUMBER
STAIR (METAL)	3	0	402628
STAIR (WOOD)	0	3	402633
FOOTING PIPE	2	2	402652
LEFT HANGER	1	1	402654
RIGHT HANGER	1	1	402656
STAIR STRINGER	2	2	402657
STAIR LOWER (METAL)	1	0	402663
STAIR LOWER (WOOD)	0	1	402629
STEP FILLER (METAL)	1	0	402756
STEP FILLER (WOOD)	0	1	402757
RIGHT HANDRAIL ASS'Y	1	1	404476
LEFT HANDRAIL ASS'Y	1	1	404481
BARRIER	2	2	404485
---HARDWARE COMPLETE---	1	0	404231
---HARDWARE COMPLETE---	0	1	402680
EAGLE FASTENER	0	10	G000
10MM DO-NUT BASE	28	28	G030
10MM DO-NUT CAP	28	28	G032
12MM DO-NUT BASE	10	10	G034
12MM DO-NUT CAP	10	10	G036
#10 x 3" SHEET METAL SCREW	4	4	810061
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052
3/8" x 1 1/2" B.H.C.S.	2	2	811053
3/8" x 1 3/4" HEX HEAD BOLT	8	8	801006
3/8" x 2 3/4" B.H.C.S.	8	8	811058
3/8" x 3" B.H.C.S.	4	4	811059
3/8" x 3 1/2" B.H.C.S.	4	4	811075
3/8" INTERNAL TOOTH LOCKWASHER	28	28	817200
3/8" FLAT WASHER	16	16	817410
3/8" LOCK NUT	18	18	804353
3/8" BARREL NUT	4	4	804804
1/2" THREADED INSERT	10	0	M000
1/2" x 1 3/4" HEX HEAD BOLT	4	4	801206
1/2" x 2 1/2" HEX HEAD BOLT	6	6	801225
1/2" INTERNAL TOOTH LOCK WASHER	10	10	817201

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

---

## M52036 Tot Stairs - Metal 52036 Tot Stairs - Wood

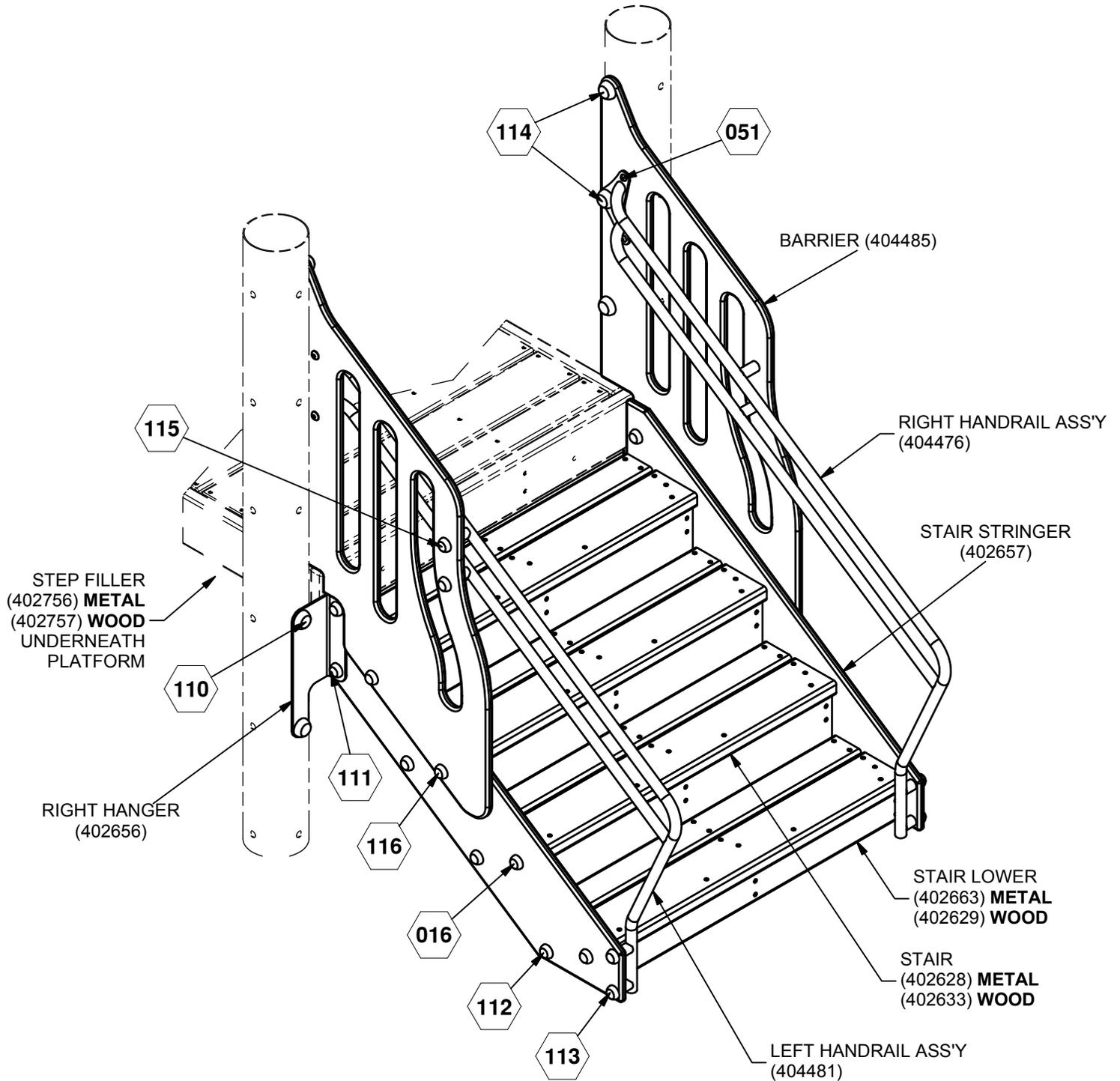
### **INSTALLATION INSTRUCTIONS:**

1. Install 1/2" Threaded Inserts or Eagle Fasteners in columns at proper locations.  
(Refer to Installation Prolog for typical Threaded Insert and Eagle Fastener Installation.)
2. Attach Footing Pipes and Stair Lower to Stair Stringers. See Detail 112.
3. Attach Stair to Stair Stringers using Do-Nut Cap 10mm, 3/8" x 2 3/4" B.H.C.S., 3/8" Internal Tooth Lock Washer, Do-Nut Base 10mm, and 3/8" Lock Nut. See Detail 016.
4. Attach Barrier to Stair Stringers and Stairs using hardware shown in Detail 116.
5. Attach Hanger to Stair Stringer and Stairs using hardware shown in Detail 111.
6. Attach assembled stairs to Columns using 1/2" Threaded Inserts, Do-Nut Base 12mm, 1/2" Internal Tooth Lockwasher, 1/2" x 1 3/4" Hex Head Bolt, and Do-Nut Cap 12mm. See Detail 110.
7. Attach Barriers and Handrails to Columns using 1/2" Threaded Inserts, Do-Nut Base 12mm, 1/2" Internal Tooth Lockwasher, 1/2" x 2 1/2" Hex Head Bolt, and Do-Nut Cap 12mm. See Detail 114.
8. Attach Middle of Handrails to Barriers using Do-Nut Base 10mm, 3/8" Internal Tooth Lockwasher, 3/8" x 1 3/4" Hex Head Bolt, and Do-Nut Cap 10mm. See Detail 115.
9. Attach Bottom of Handrails to Stair Stringer using Do-Nut Cap 10mm, 3/8" x 1 3/4" Hex Head Bolt, 3/8" Internal Tooth Lockwasher, and Do-Nut Base 10mm. See Detail 113.
10. Attach Top of Handrail to Barrier using 3/8" x 3/4" P.B.H.C.S. w/Patch and 3/8" Barrel Nut. See Detail 051.
11. Attach Step Filler Board to underside of the top stair using #10 x 3" Sheet Metal Screws. See Detail 052.
12. Plumb and level the entire assembly and tighten all fasteners.
13. After entire unit is assembled pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.
14. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

### **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. Also 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.

*M52036 Tot Stairs - Metal*  
*52036 Tot Stairs - Wood*



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**  
M52036 SHOWN

COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 11/13/12

**BigToys**<sup>®</sup>

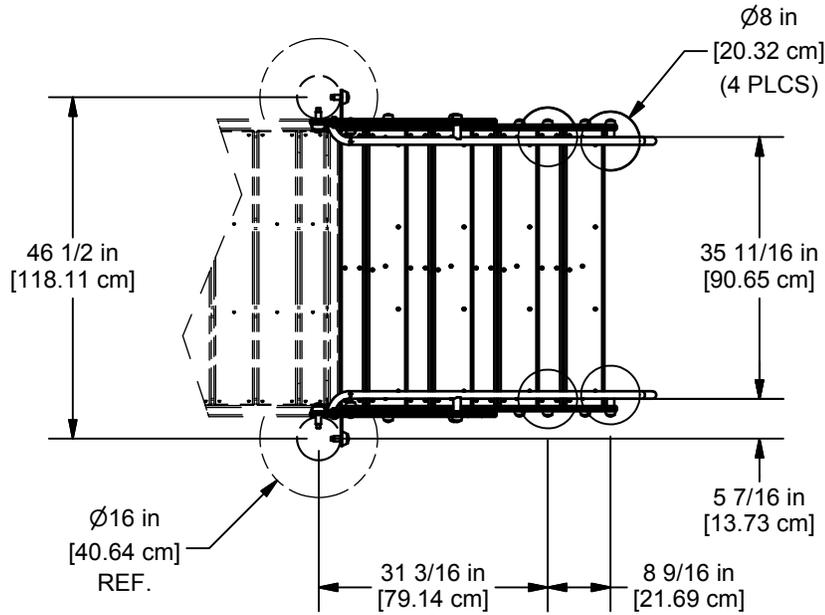
A PLAYCORE Company

SHEET 3 OF 7

1-866-814-8697

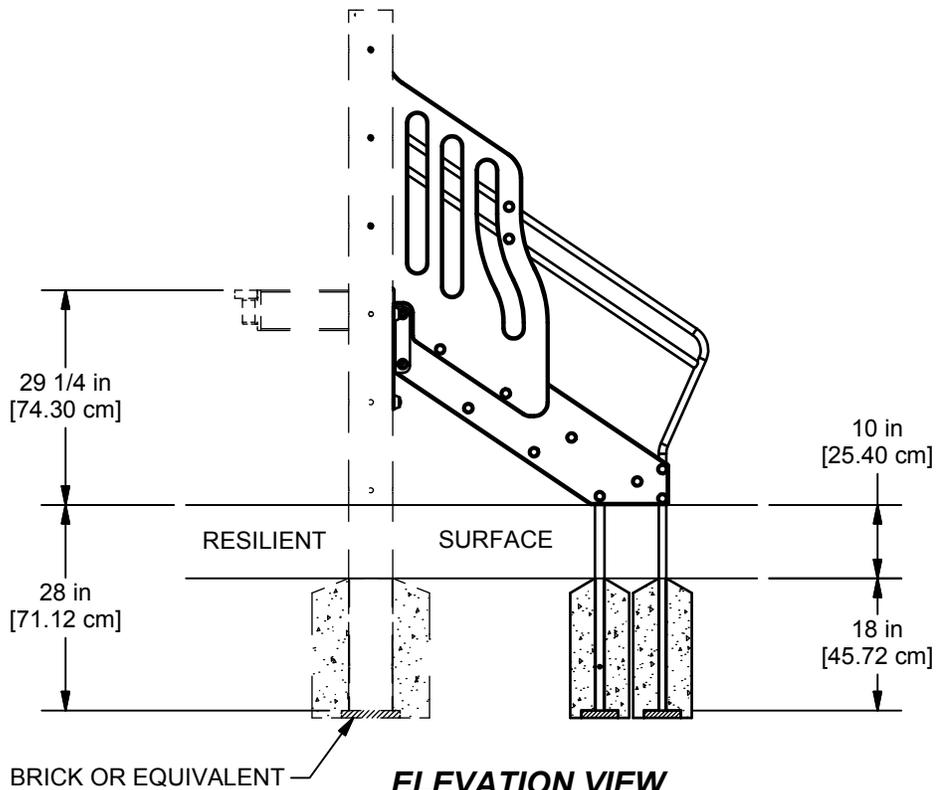
**bigtoys.com**

**M52036 Tot Stairs - Metal**  
**52036 Tot Stairs - Wood**

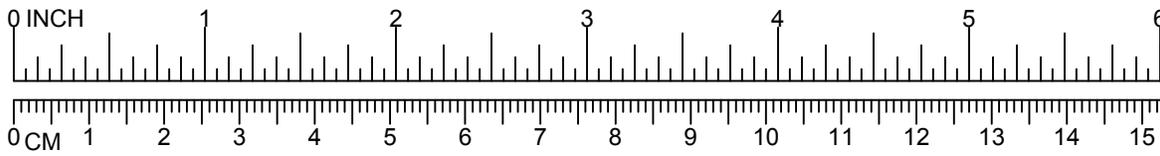


**PLAN VIEW**

**CONCRETE REQUIRED**  
0.076 CUBIC YARDS  
[0.060 CUBIC METERS]



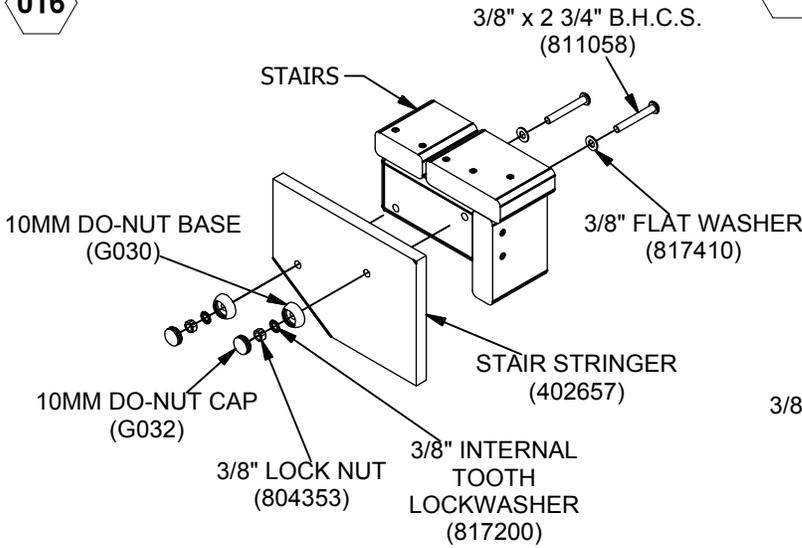
**ELEVATION VIEW**  
M52036 SHOWN



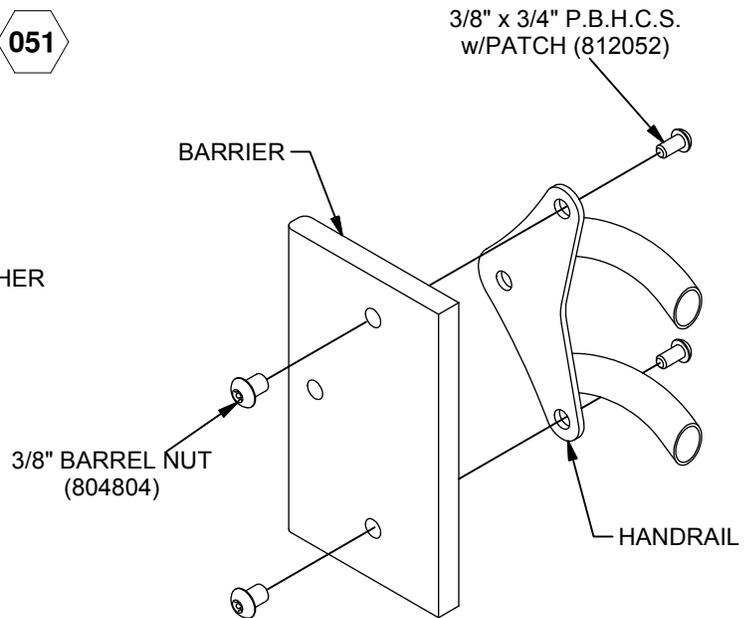
# M52036 Tot Stairs - Metal

## 52036 Tot Stairs - Wood

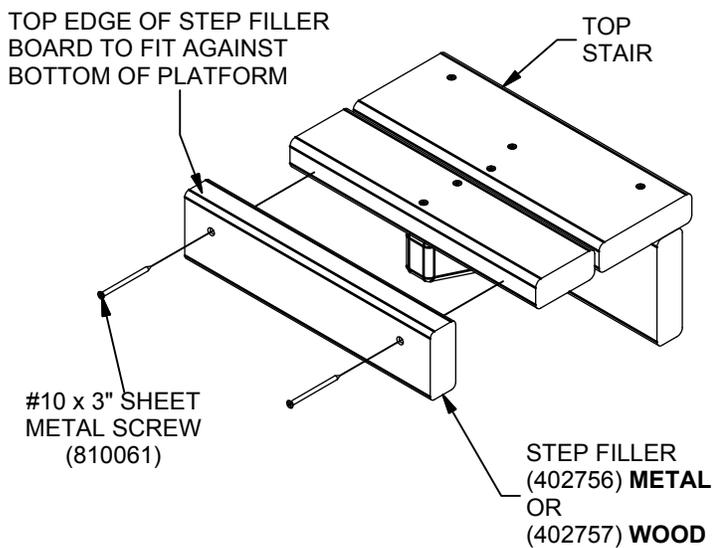
016



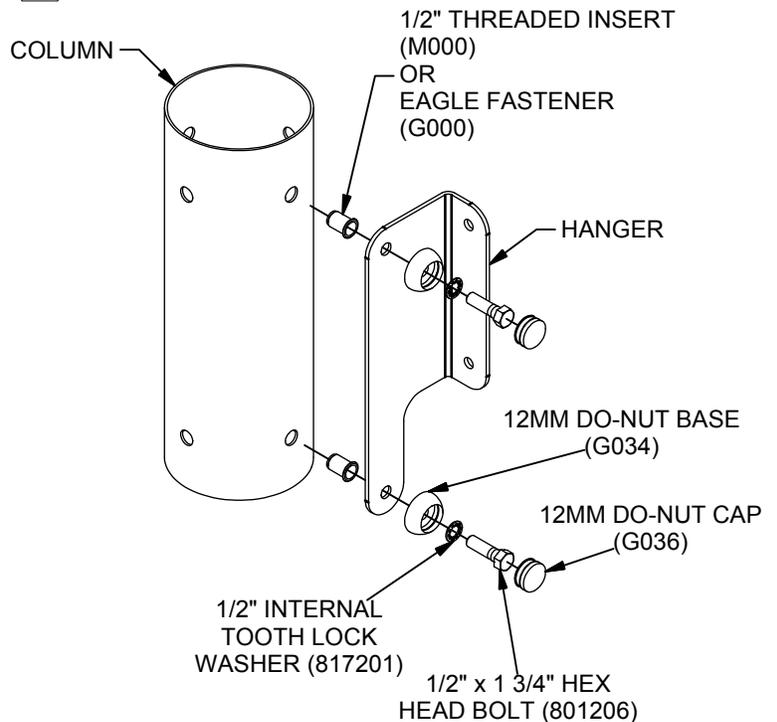
051



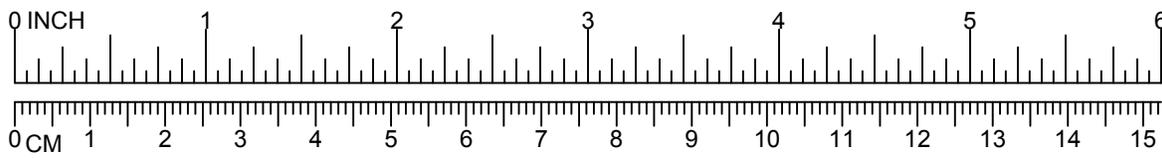
052



110

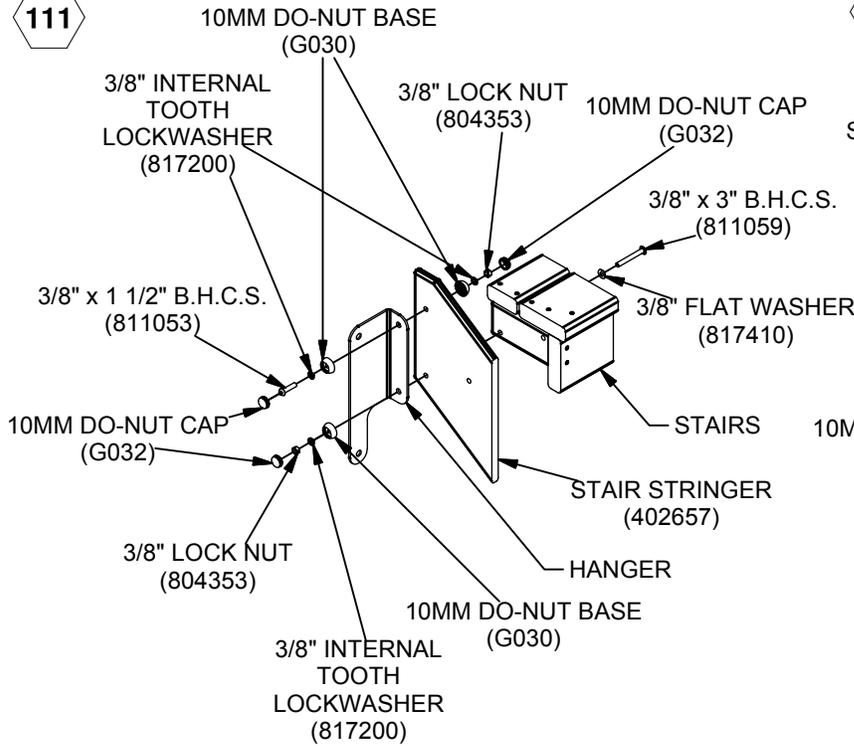


**NOTE: REFER TO THE INSTALLATION PROLOG FOR TYPICAL THREADED INSERT AND EAGLE FASTENER INSTALLATION.**

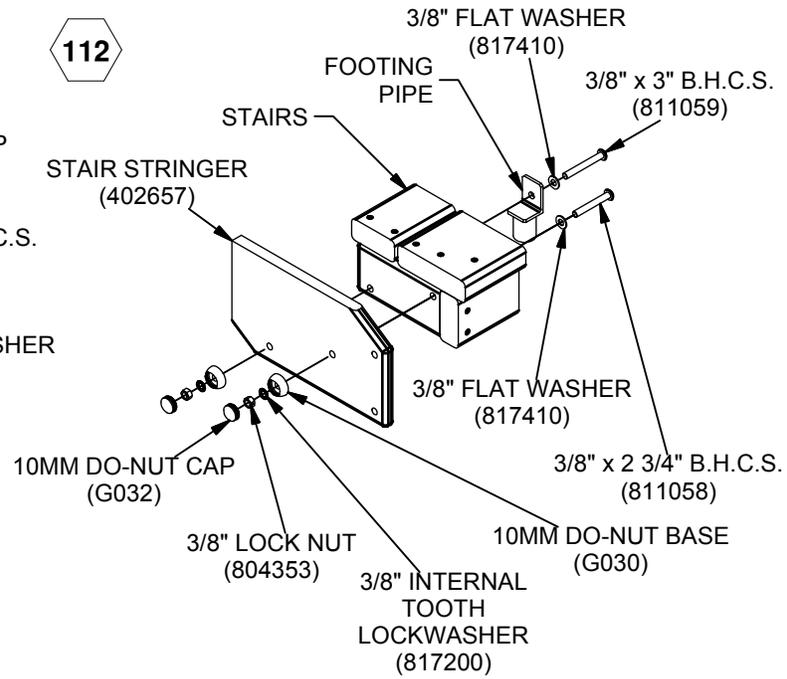


# M52036 Tot Stairs - Metal 52036 Tot Stairs - Wood

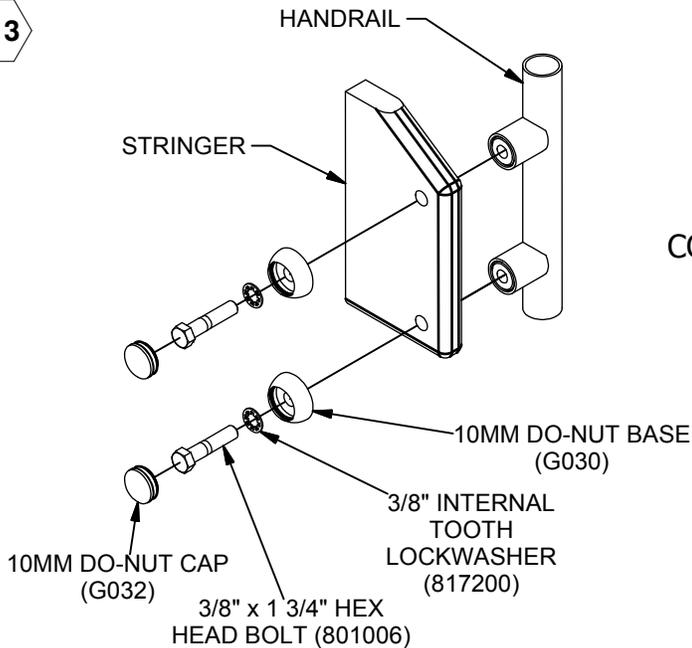
111



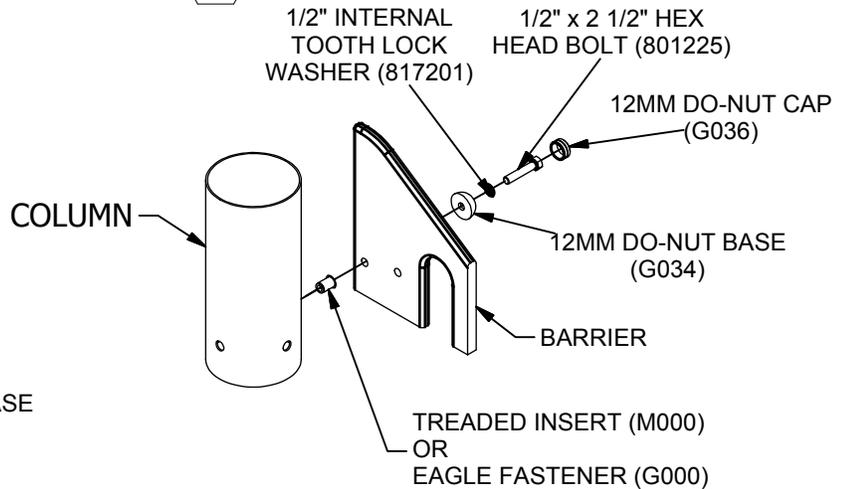
112



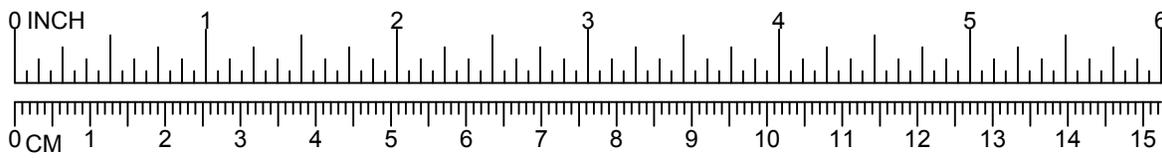
113



114

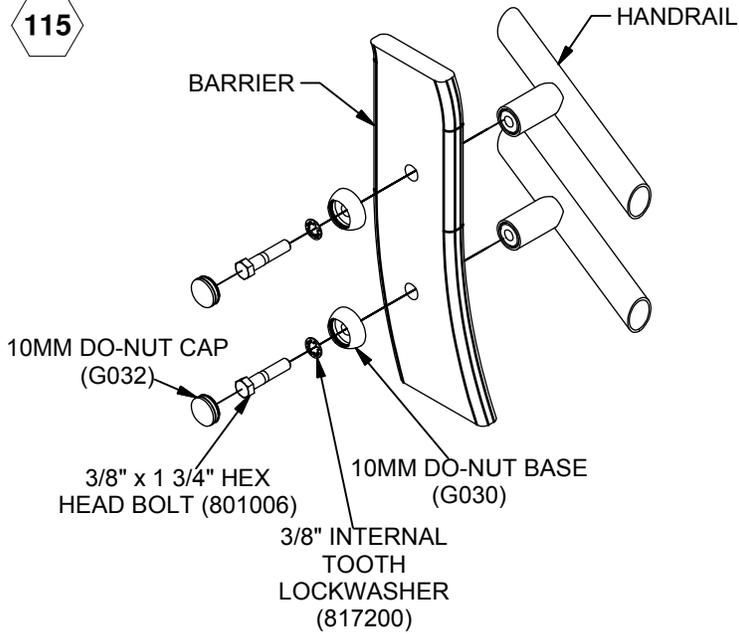


NOTE: REFER TO THE INSTALLATION PROLOG FOR TYPICAL THREADED INSERT AND EAGLE FASTENER INSTALLATION.

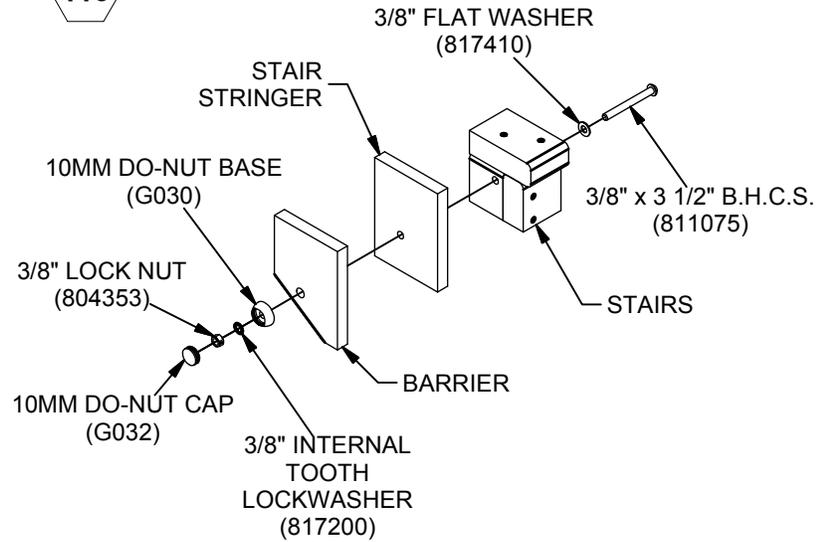


## M52036 Tot Stairs - Metal 52036 Tot Stairs - Wood

115



116



*M53009 Playhouse Roof w/ Panels 58" (Green) - Metal*  
*Z53009 Playhouse Roof w/ Panels 58" (Green) - Wood*  
*M53011 Playhouse Roof w/ Panels 58" (Blue) - Metal*  
*Z53011 Playhouse Roof w/ Panels 58" (Blue) - Wood*

ITEM	DESCRIPTION	M53009	Z53009	M53011	Z53011	PART #
1	PLAYHOUSE ROOF PANEL 58" - LEAF	2	2	0	0	L549
1	PLAYHOUSE ROOF PANEL 58" - STARS	0	0	2	2	L541
2	COLUMN END FITTING - METAL	4	0	4	0	M600
2	COLUMN END FITTING - WOOD	0	4	0	4	Z600
3	BRACKET	4	4	4	4	401352
4	FASCIA PLAYHOUSE - RECYCLED	4	0	4	0	402092
4	FASCIA PLAYHOUSE - WOOD	0	4	0	4	L226
5	BEAM, LOWER 58" - RECYCLED	2	0	2	0	401704
5	BEAM, LOWER 58" - WOOD	0	2	0	2	L241
6	BEAM, UPPER 58" - RECYCLED	2	0	2	0	401706
6	BEAM, UPPER 58" - WOOD	0	2	0	2	L243
	CONNECTOR PLAYHOUSE ROOF w/PANELS - RECYCLED	1	0	1	0	E284
	CONNECTOR PLAYHOUSE ROOF w/PANELS - WOOD	0	1	0	1	D284
7	10MM DO-NUT BASE	16	16	16	16	G030
8	10MM DO-NUT CAP	16	16	16	16	G032
9	12MM DO-NUT BASE	4	4	4	4	G034
10	12MM DO-NUT CAP	4	4	4	4	G036
11	PLAYHOUSE "L" BRACKET	4	4	4	4	401462
12	PLAYHOUSE 90D BRACKET	4	4	4	4	401463
13	PLAYHOUSE 90D - GUSSET - HDG BRACKET	4	4	4	4	401464
14	#10 x 2" WOOD SCREW	24	24	24	24	815507
15	1/4" x 15/32" DRIVE RIVET	8	8	8	8	805303
16	1/4" x 1" P.B.H.C.S. w/Patch	16	0	16	0	812012
16	5/16" x 4" TORX HEAD LAG SCREW	0	16	0	16	800744
17	1/4" FLAT WASHER (5/8" O.D.)	16	0	16	0	817408
17	5/16" FLAT WASHER (5/8" O.D.)	0	16	0	16	817406
18	3/8" x 2 1/4" HEX HEAD BOLT	4	4	4	4	801008
19	3/8 x 2 1/4" CARRIAGE BOLT	16	16	16	16	800258
20	3/8" INTERNAL TOOTH LOCKWASHER	24	24	24	24	817200
21	3/8" FENDER WASHER	8	8	8	8	817009
22	3/8" LOCK NUT	20	20	20	20	804353
23	1/2 x 2 1/4" CARRIAGE BOLT	4	4	4	4	800429
24	1/2" INTERNAL TOOTH LOCK WASHER	4	4	4	4	817201
25	1/2" LOCKNUT	4	4	4	4	804355

## *Playhouse Roof w/ Panels*

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

**Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

### **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. Also 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.

## Playhouse Roof w/ Panels

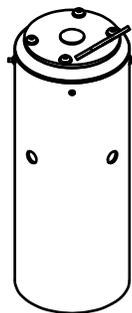
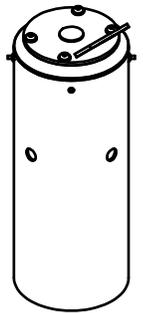
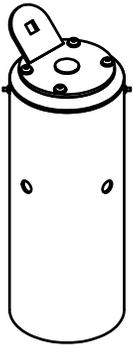
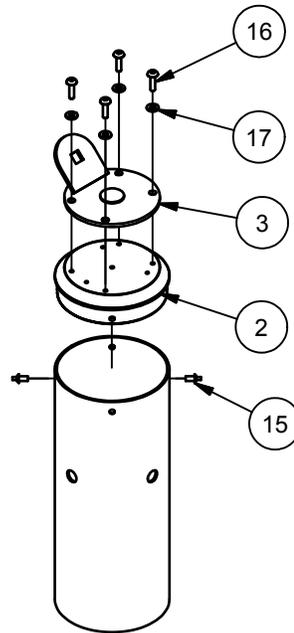
1. Refer to your structure design for location of Playhouse Roof.

2. Attach Roof Purlin Brackets (1) to Column End Fitting-Bracket Mount (6) using hardware (7)(21).

Note: Use Thread Locking Compound (Provided by others) on hardware (7).

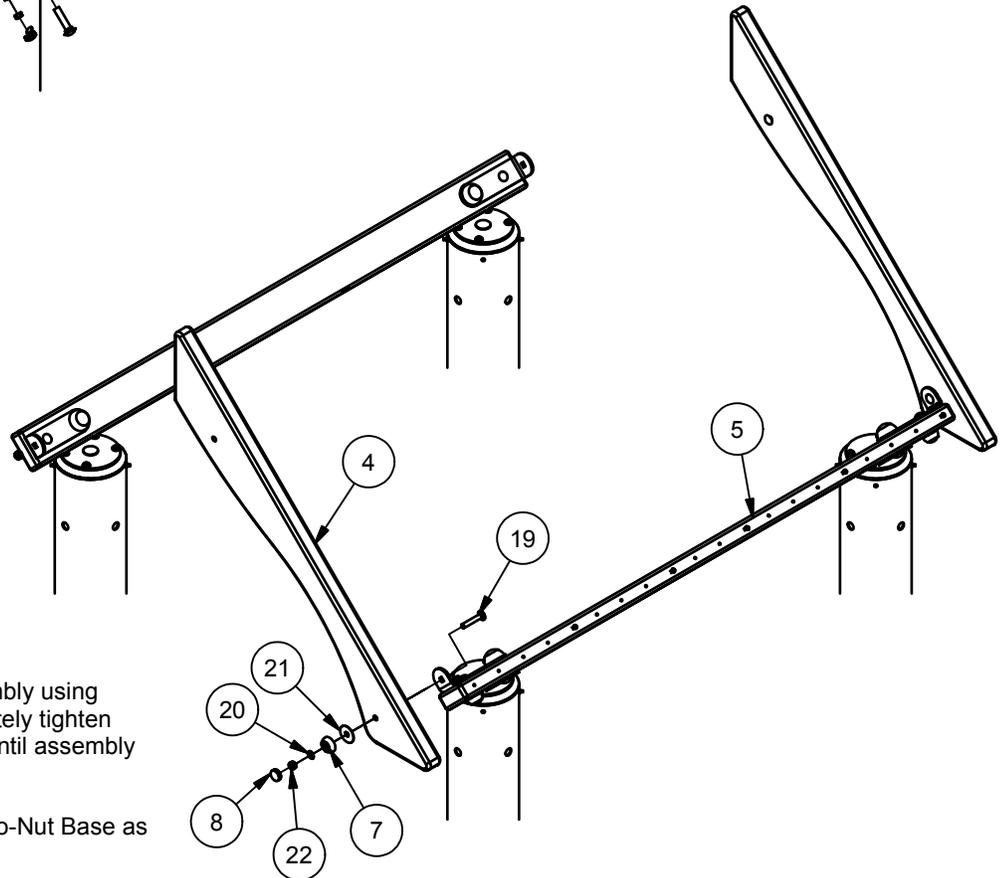
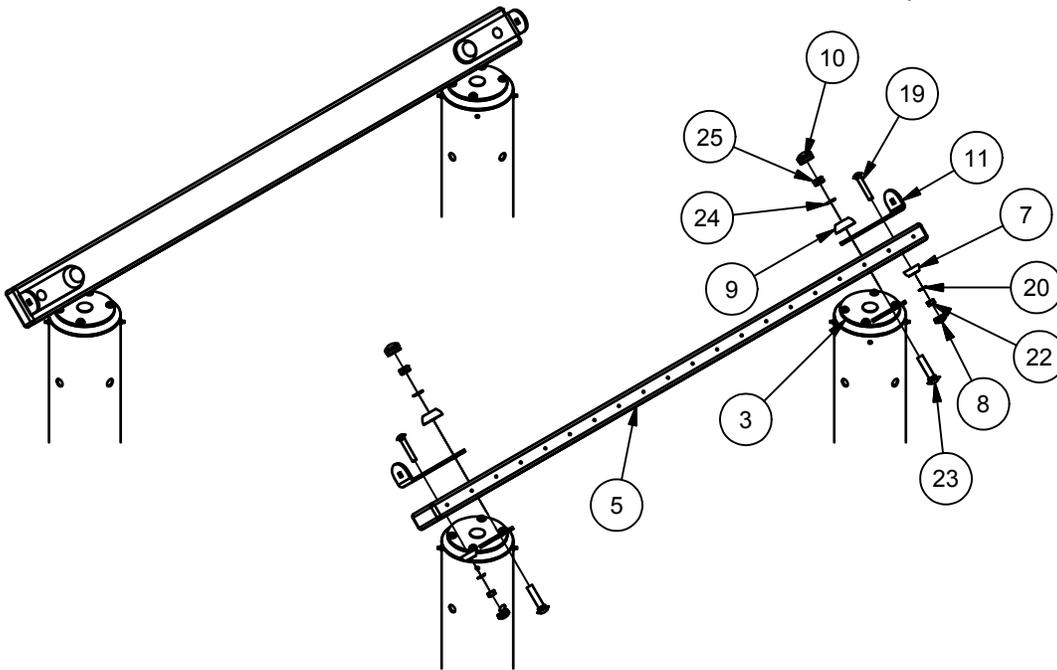
3. Insert the Column End Fitting-Bracket Mount Assembly into column and orient as shown.

4. Permanently attach Column End Fittings (6) to column using Drive Rivets (22) as shown. (See "Typical Column End Fitting Installation.")



## Playhouse Roof w/ Panels

5. Attach Lower Beams (4) and Playhouse "L" Brackets (15) using hardware (9)(10)(13)(24) and (11)(18)(19)(20). Do not install Do-Nut Caps (12)(14) until assembly in complete.



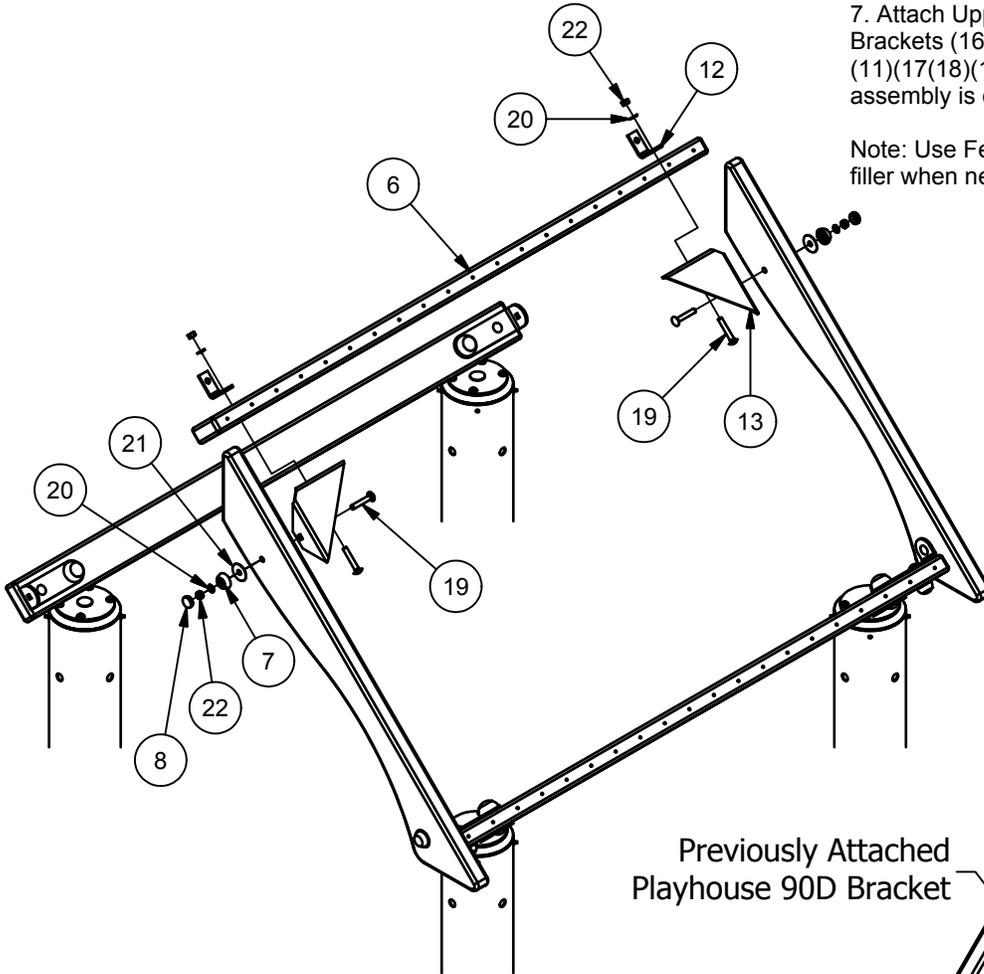
6. Attach Facias (2) to Lower Beam assembly using hardware (11)(18)(19)(20). Do not completely tighten Hex Nut (18) or install Do-Nut Caps (12) until assembly is complete.

Note: Use Fender Washer (25) beneath Do-Nut Base as filler when necessary.

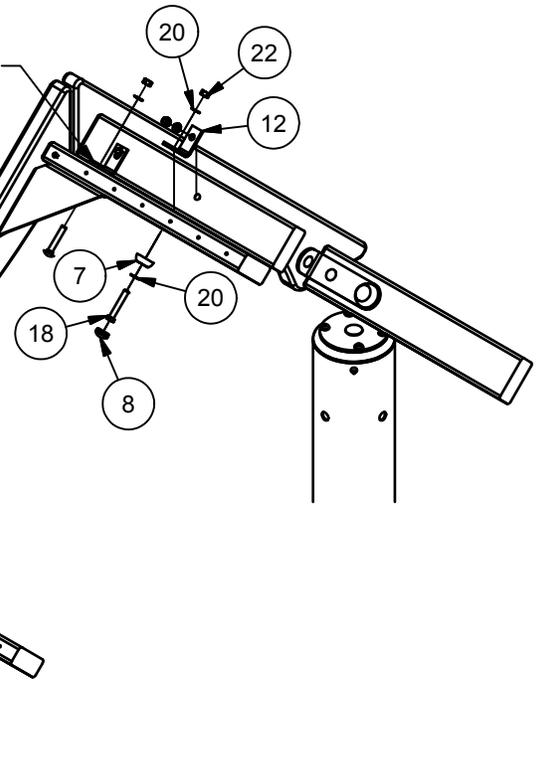
## Playhouse Roof w/ Panels

7. Attach Upper Beams (5) and two outer Playhouse 90D Brackets (16) using hardware as shown (11)(17)(18)(19)(20). Do not install Do-Nut Caps (12) until assembly is complete.

Note: Use Fender Washer (25) beneath Do-Nut Base as filler when necessary.



Previously Attached  
Playhouse 90D Bracket



8. Repeat steps 5-6 to assemble other half of roof framework. Do not attach Playhouse 90D Bracket (16) until the next step.

9. Install remaining Playhouse 90D brackets (16) and bolt through previously attached Playhouse 90D Brackets to complete roof framework assembly using hardware as shown (11)(12)(20)(23).

## Playhouse Roof w/ Panels

10. Attach Roof Panels (3) to both sides of roof framework by inserting Wood Screws (8) through the Panels and into pilot holes in Upper and Lower Beams.

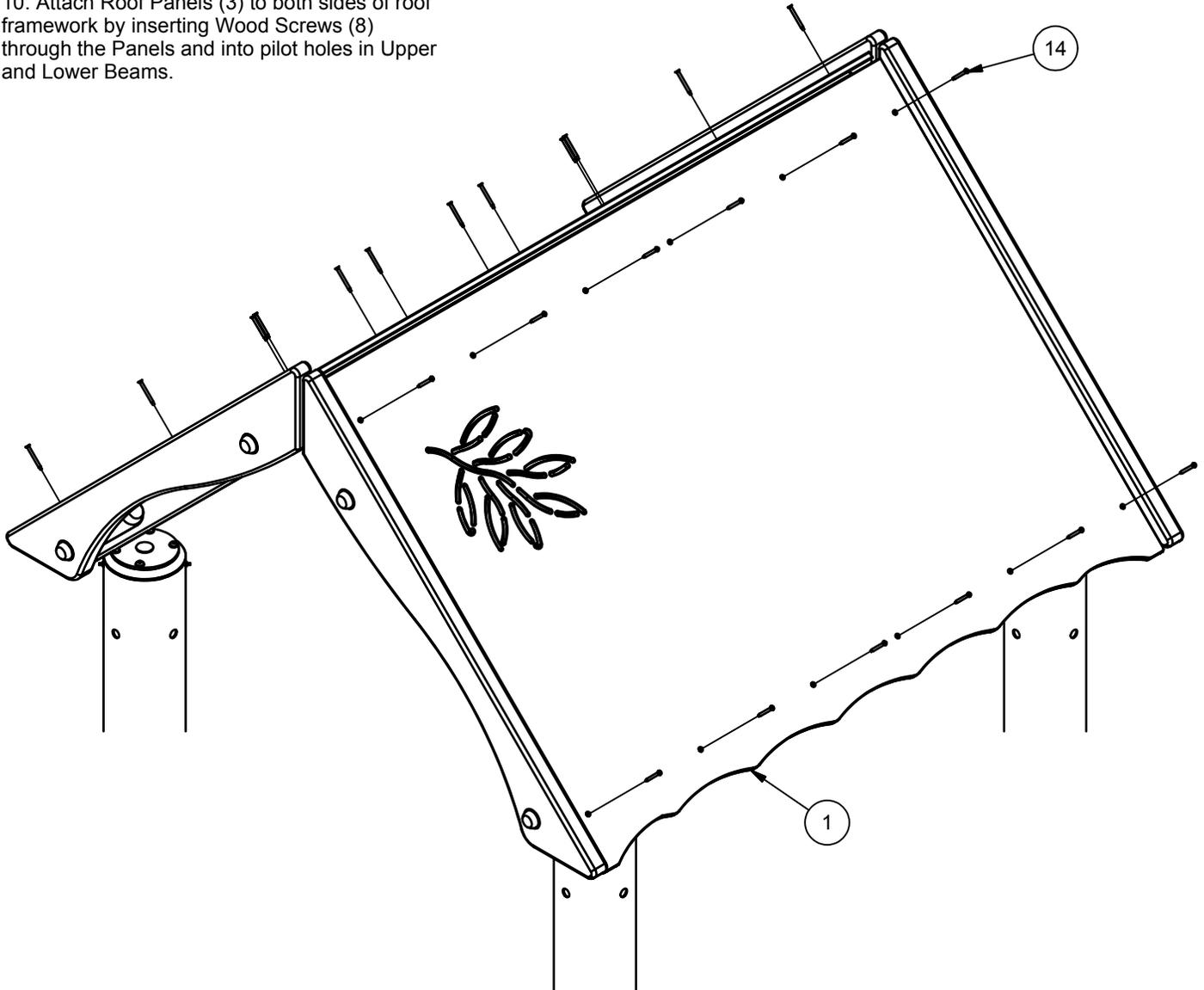


IMAGE ON ROOF PANEL MAY VARY

## M54050 Enclosure Panel Med w/Base (Metal) 54050 Enclosure Panel Med w/Base (Wood)

Parts List			
DESCRIPTION	M54050	54050	PART NUMBER
ENCLOSURE SUPPORT (METAL)	2	0	402532
ENCLOSURE SUPPORT (WOOD)	0	2	402697
BASE (METAL)	1	0	402574
BASE (WOOD)	0	1	402687
ENCLOSURE PANEL	1	1	402609
--- <b>HARDWARE COMPLETE</b> ---	1	0	402614
--- <b>HARDWARE COMPLETE</b> ---	0	1	402685
EAGLE FASTENER	0	4	G000
#10 x 3" WOOD SCREW	8	8	815511
12MM DO-NUT BASE	12	12	G034
12MM DO-NUT CAP	12	12	G036
1/2" THREADED INSERT	4	0	M000
1/2" x 5" HEX HEAD BOLT	8	8	800807
1/2" INTERNAL TOOTH LOCK WASHER	12	12	817201
1/2" LOCKNUT	4	4	804355

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

**Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

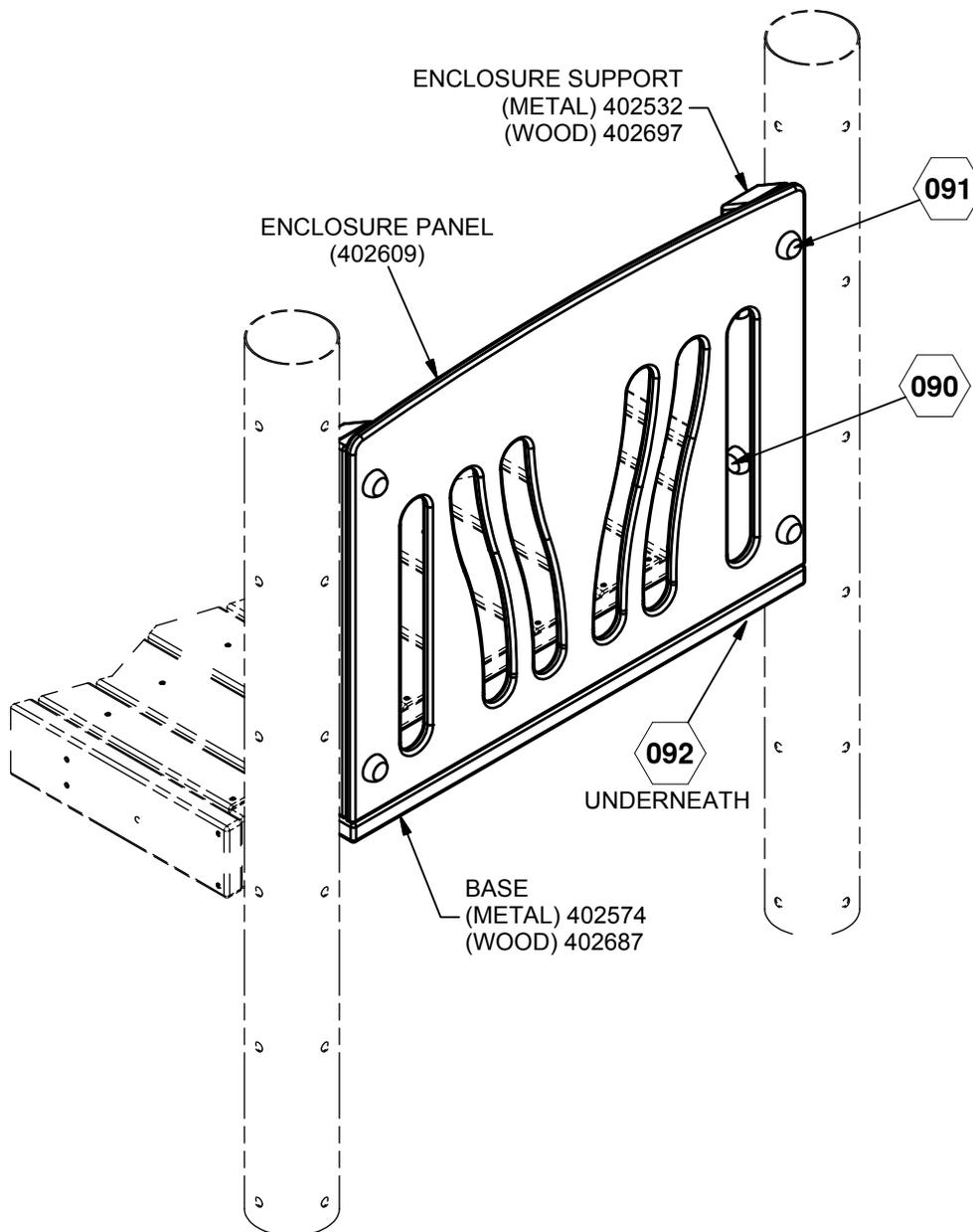
### **INSTALLATION INSTRUCTIONS:**

1. Determine the location of the Enclosure.
2. Install 1/2" Threaded Inserts or Eagle Fasteners in columns at proper locations.  
(Refer to Installation Prolog for typical Threaded Insert and Eagle Fastener Installation.)
3. Attach Enclosure Support to column using 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, and 12mm Do-Nut Cap. See Detail 090
4. Attach Enclosure to Support using 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, 1/2" Lock Nut, and 12mm Do-Nut Cap. See Detail 091.
5. Attach the Base to the Enclosure Support using wood screws on each side. See Detail 092.
6. Plumb and level the entire assembly and tighten all fasteners.
7. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

# M54050 Enclosure Panel Med w/Base (Metal) 54050 Enclosure Panel Med w/Base (Wood)

**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. Also 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.



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**

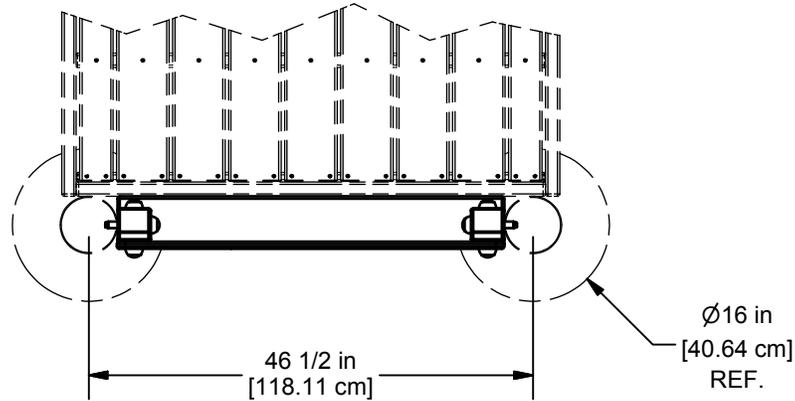
COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 06/11/12

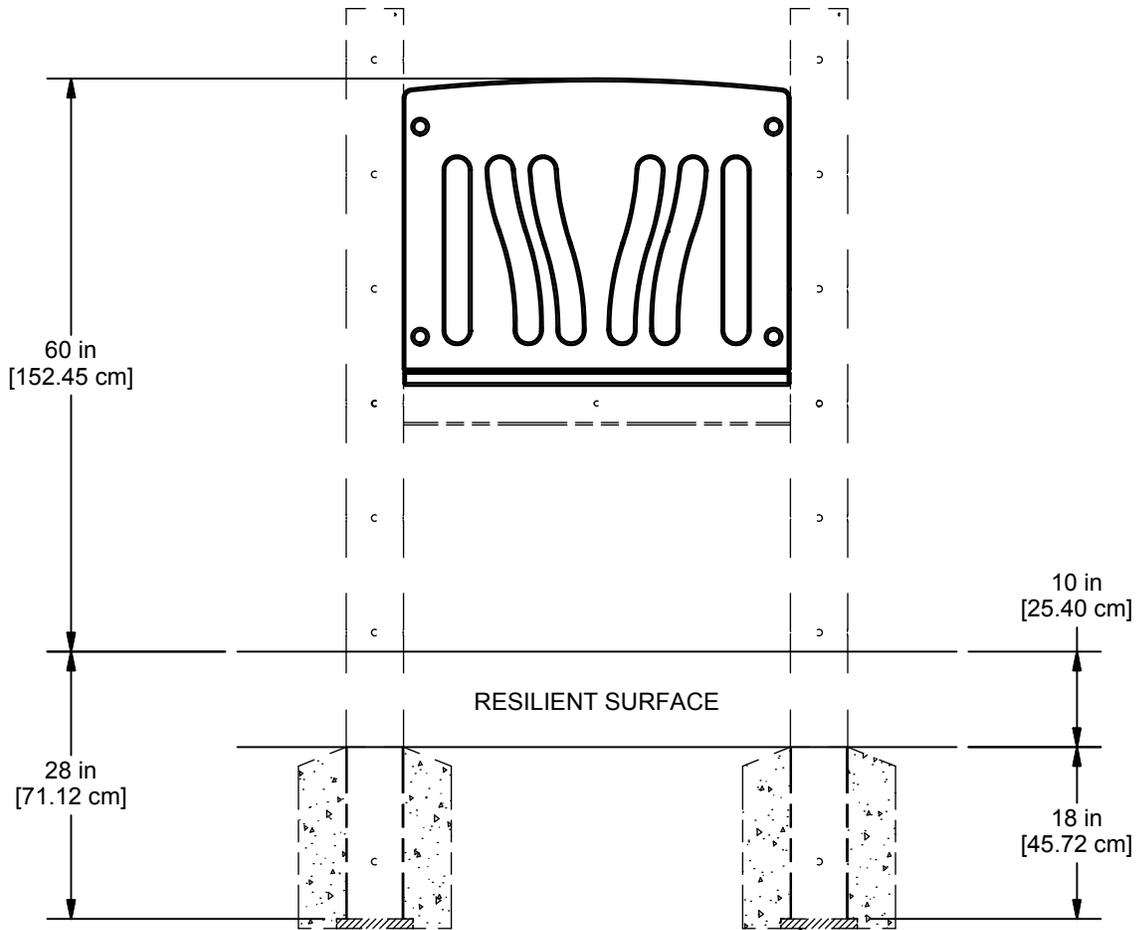
**BigToys**<sup>®</sup>

SHEET 2 OF 4

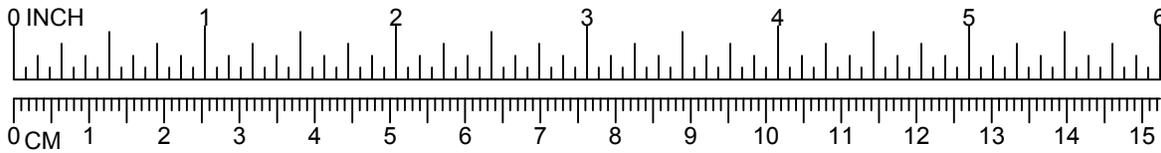
M54050 Enclosure Panel Med w/Base (Metal)  
54050 Enclosure Panel Med w/Base (Wood)



**PLAN VIEW**



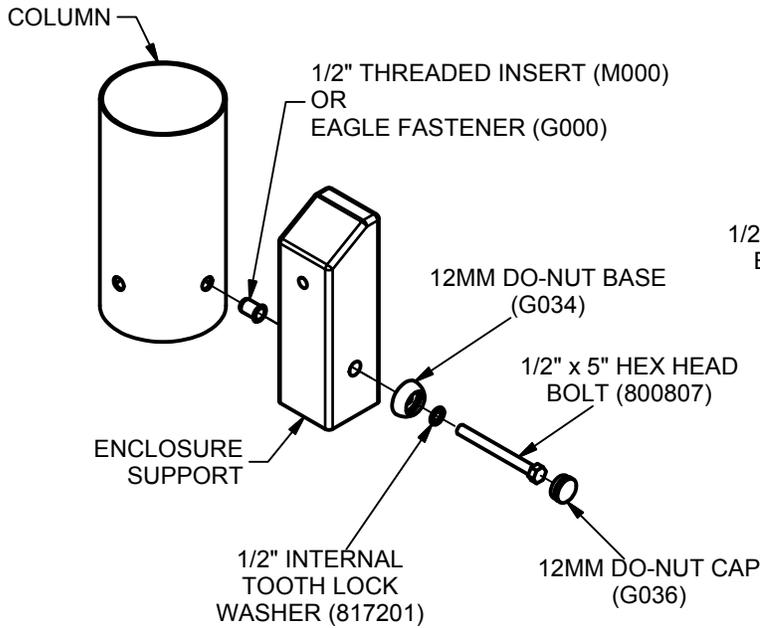
**ELEVATION VIEW**



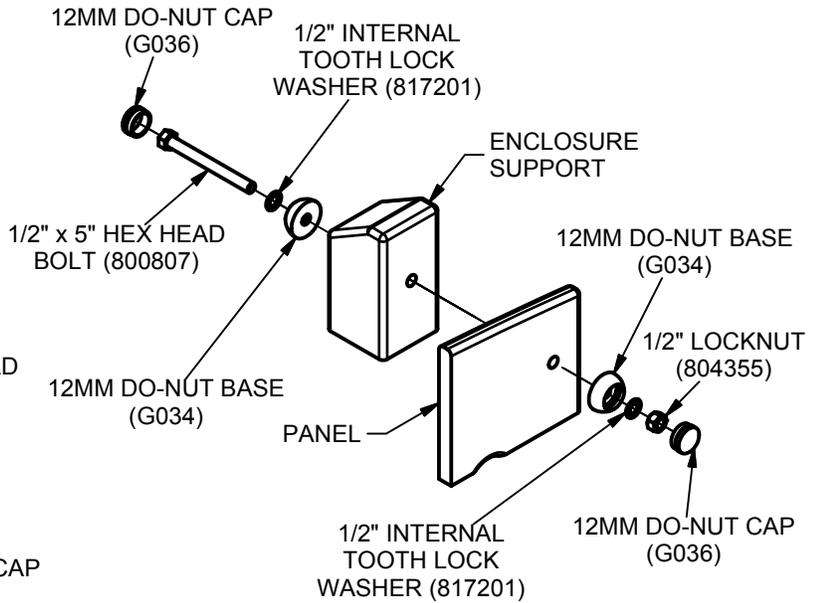
# M54050 Enclosure Panel Med w/Base (Metal)

## 54050 Enclosure Panel Med w/Base (Wood)

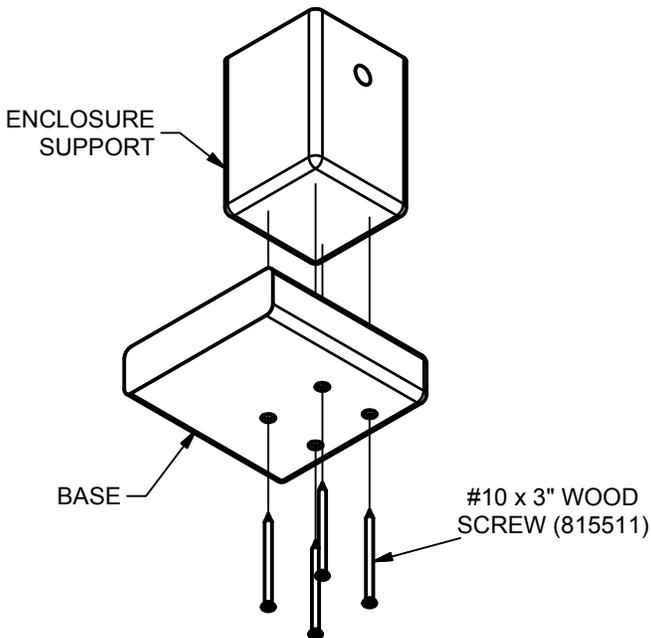
090



091



092



## M54053 Planter Panel (Metal) 54053 Planter Panel (Wood)

Parts List			
DESCRIPTION	M54053	54053	PART NUMBER
BALCONY EXTENSION BLOCK	2	2	401653
ENCLOSURE SUPPORT (METAL)	2	0	402532
ENCLOSURE SUPPORT (WOOD)	0	2	402697
PLANTER BASE	1	1	402576
PLANTER PANEL	1	1	402610
PLANTER FACE	1	1	402611
<b>---HARDWARE COMPLETE---</b>	1	0	402682
<b>---HARDWARE COMPLETE---</b>	0	1	402684
EAGLE FASTENER	0	4	G000
12MM DO-NUT BASE	12	12	G034
12MM DO-NUT CAP	12	12	G036
#10 x 3" WOOD SCREW	18	18	815511
1/2" THREADED INSERT	4	0	M000
1/2" x 5" HEX HEAD BOLT	8	8	800807
1/2" INTERNAL TOOTH LOCK WASHER	12	12	817201
1/2" LOCKNUT	4	4	804355

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

**Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

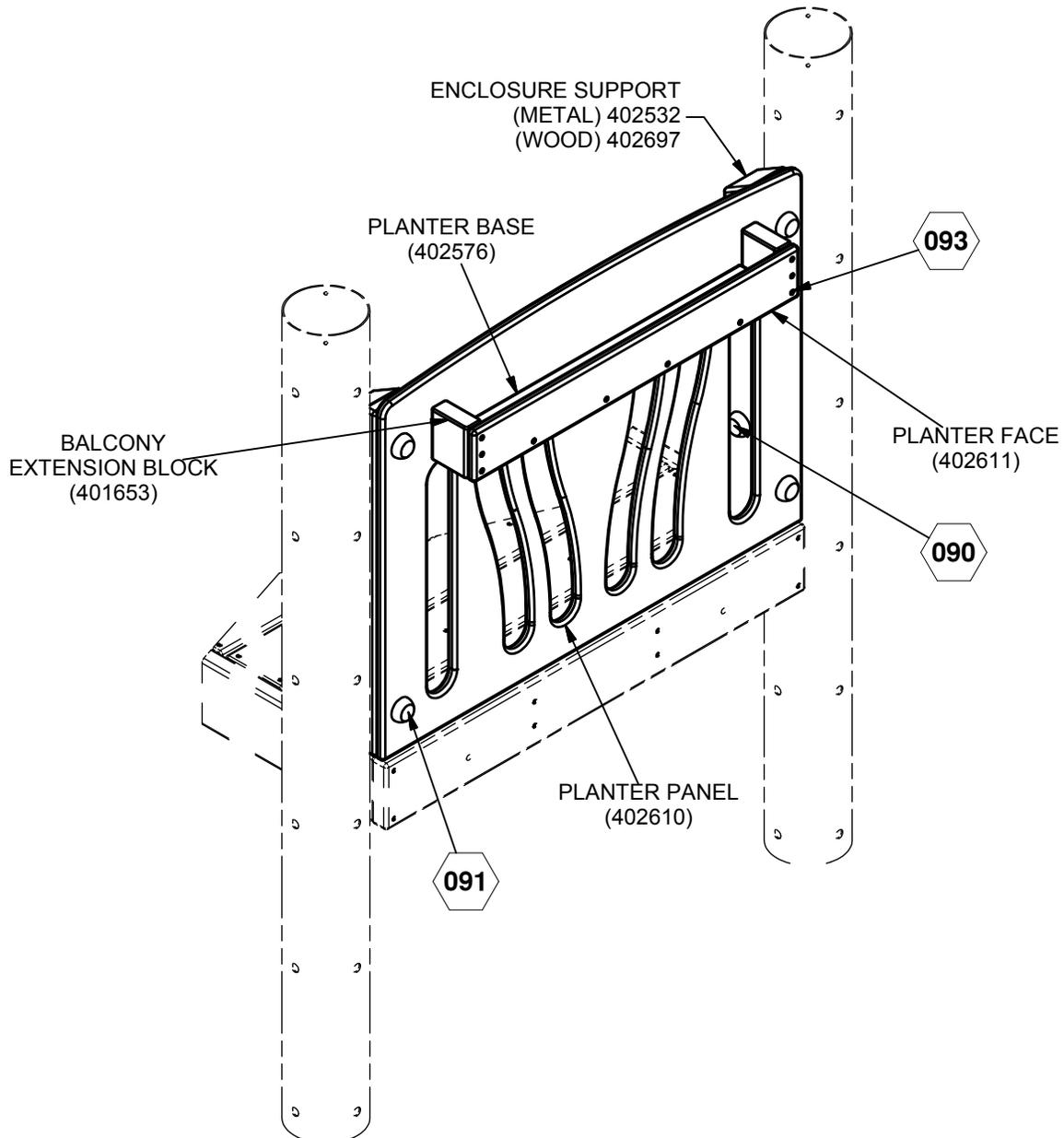
### **INSTALLATION INSTRUCTIONS:**

1. Determine the location of the Enclosure.
2. Install 1/2" Threaded Inserts or Eagle Fasteners in columns at proper locations.  
(Refer to Installation Prolog for typical Threaded Insert and Eagle Fastener Installation.)
3. Attach Enclosure Support to column using Do-Nut Base 12mm Do-nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, and 12mm Do-Nut Cap. See Detail 090
3. Attach Planter Face, Balcony Extension Blocks, and Base to Panel using the wood screws. See Detail 093
4. Attach Enclosure to Support using 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, 1/2" Lock Nut, and 12mm Do-Nut Cap. See Detail 091.
5. Plumb and level the entire assembly and tighten all fasteners.
6. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

## M54053 Planter Panel (Metal) 54053 Planter Panel (Wood)

**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. Also 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.



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**

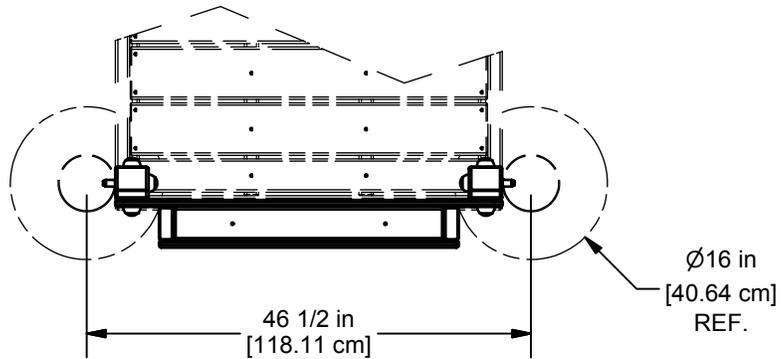
COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 05/13/13

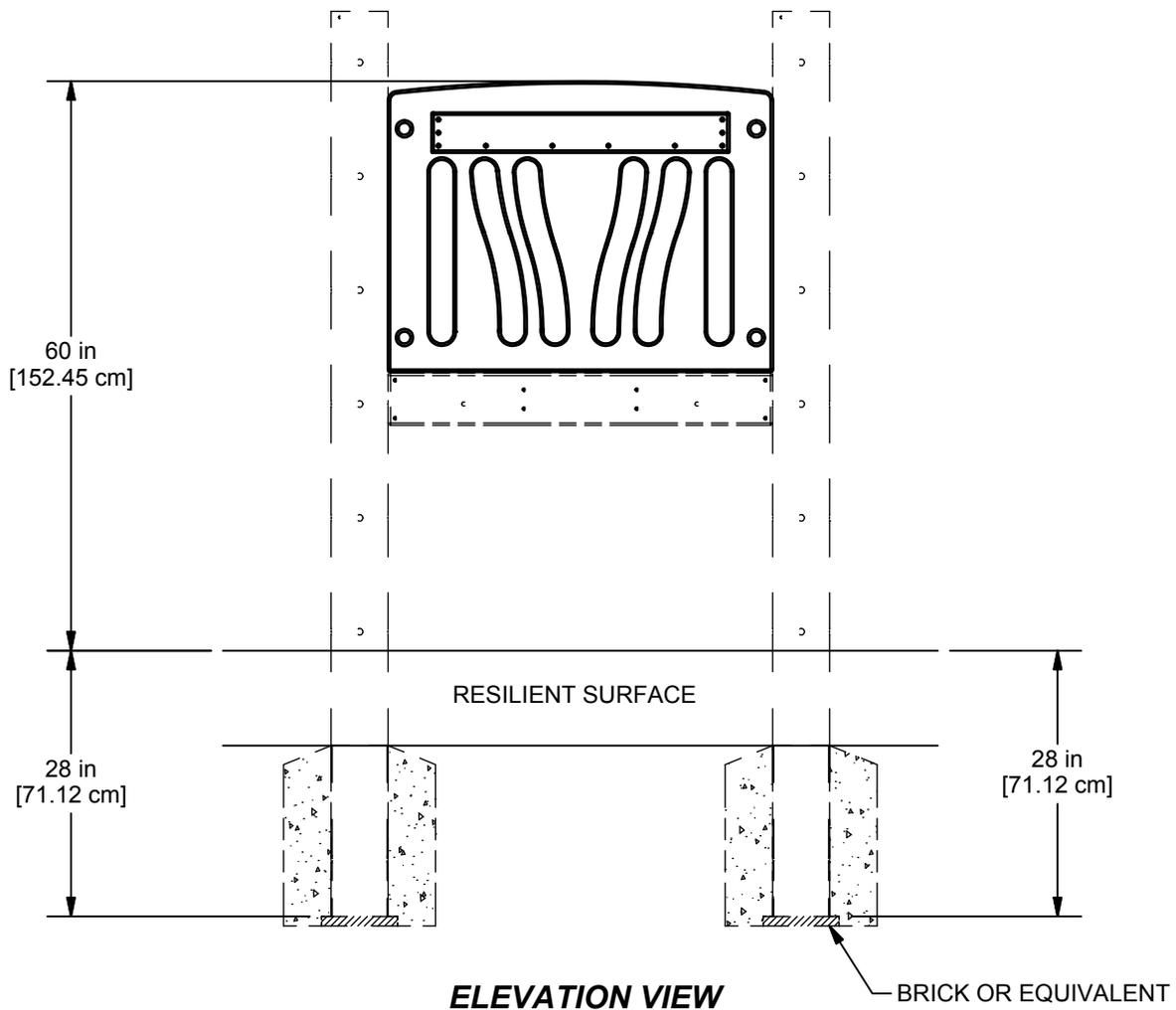
**BigToys**<sup>®</sup>

SHEET 2 OF 4

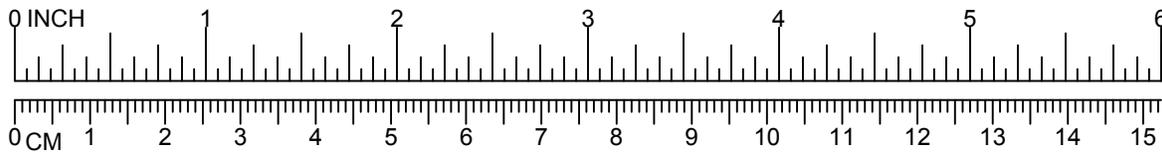
M54053 Planter Panel (Metal)  
54053 Planter Panel (Wood)



**PLAN VIEW**

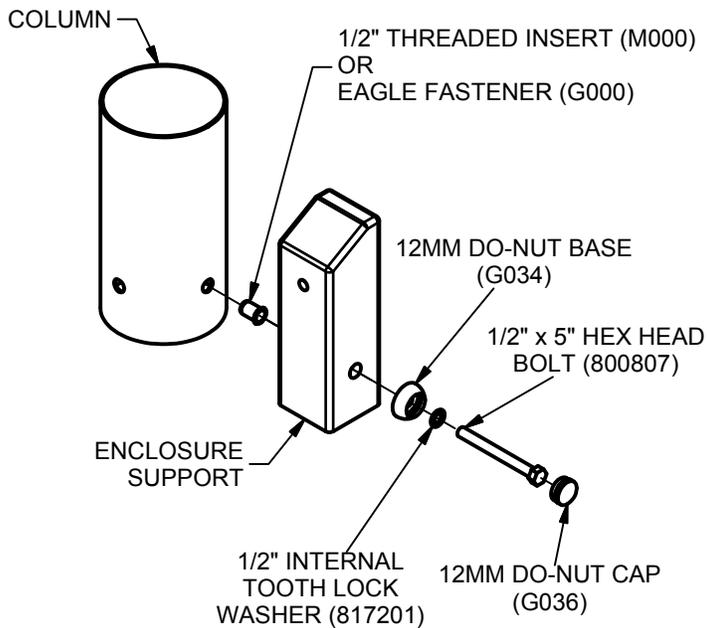


**ELEVATION VIEW**

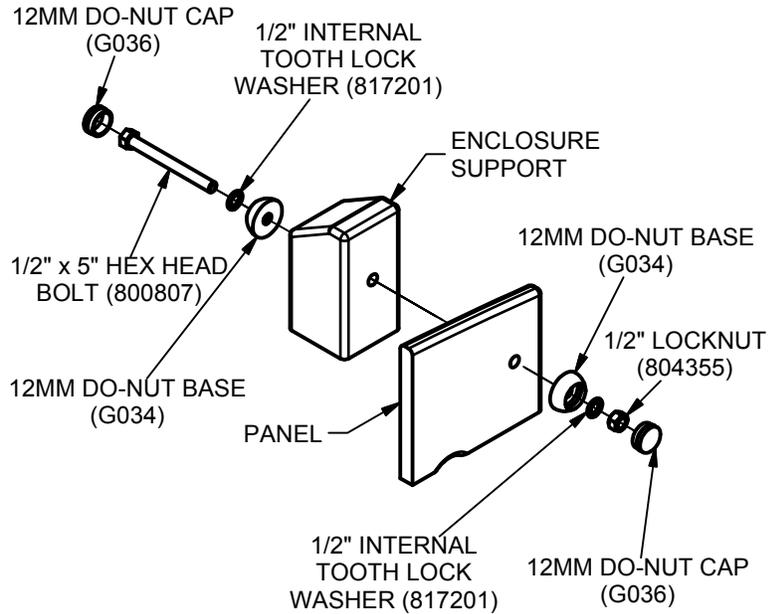


## M54053 Planter Panel (Metal) 54053 Planter Panel (Wood)

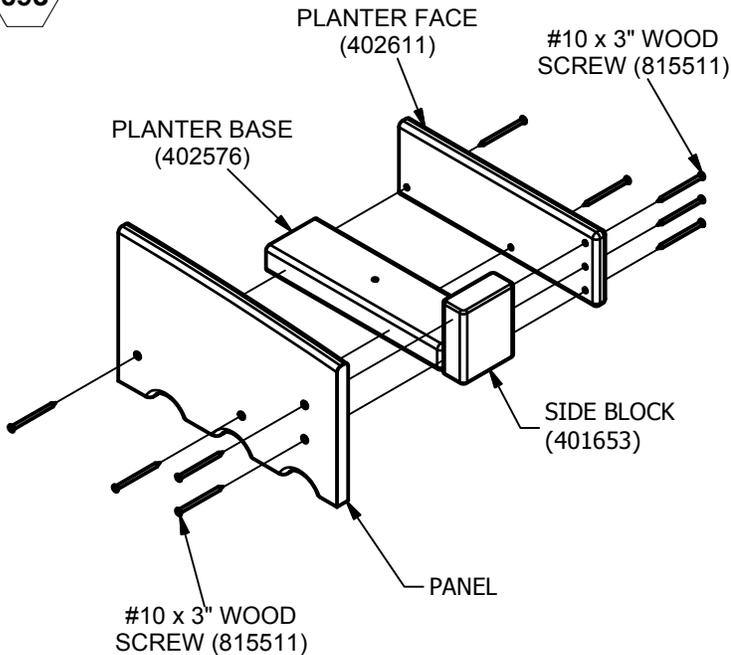
090



091



093



## M54054 Bigwheel Panel w/Base - Metal 54054 Bigwheel Panel w/Base - Wood

Parts List			
DESCRIPTION	M54054	54054	PART NUMBER
ENCLOSURE SUPPORT (METAL)	2	0	402532
ENCLOSURE SUPPORT (WOOD)	0	2	402697
BASE (METAL)	1	0	402574
BASE (WOOD)	0	1	402687
ENCLOSURE PANEL BW	1	1	402608
BIGWHEEL w/SOUND & SHAFT ASSEMBLY	1	1	402796
<b>---HARDWARE COMPLETE---</b>	1	0	402683
<b>---HARDWARE COMPLETE---</b>	0	1	404303
EAGLE FASTENER	0	4	G000
12MM DO-NUT BASE	12	12	G034
12MM DO-NUT CAP	12	12	G036
#10 x 3" WOOD SCREW	8	8	815511
3/8" x 1 1/2" HEX HEAD BOLT	3	3	801005
3/8" LOCK NUT	3	3	804353
1/2" THREADED INSERT	4	0	M000
1/2" x 5" HEX HEAD BOLT	8	8	800807
1/2" INTERNAL TOOTH LOCK WASHER	12	12	817201
1/2" LOCKNUT	4	4	804355

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

**Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

### **INSTALLATION INSTRUCTIONS:**

1. Determine the location of the Enclosure.
2. Install 1/2" Threaded Inserts or Eagle Fasteners in columns at proper locations.  
(Refer to Installation Prolog for typical Threaded Insert and Eagle Fastener Installation)
3. Attach Enclosure Support to column using 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, and 12mm Do-Nut Cap. See Detail 090.
4. Attach Bigwheel Ass'y to Panel using 3/8" x 1 1/2" Hex Head Bolt and 3/8" Lock Nut. Once positioned correctly tighten set screws.  
See Detail 095.
5. Attach Enclosure to Support using 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 5" Hex Head Bolt, 1/2" Lock Nut, and 12mm Do-Nut Cap. See Detail 091.
6. Attach the Base to the Enclosure Support using Wood Screws on each side. See Detail 092.
7. Plumb and level the entire assembly and tighten all fasteners.

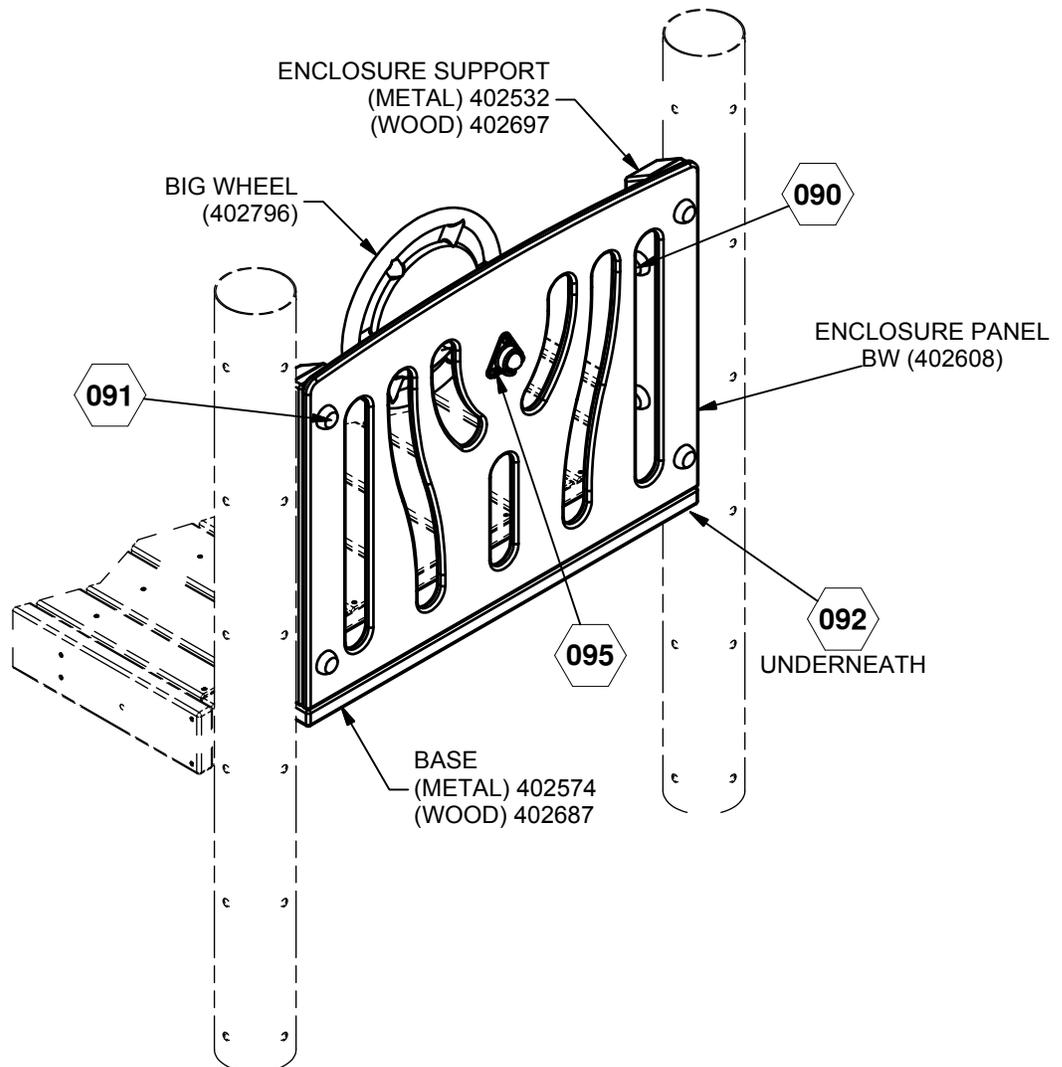
## M54054 Bigwheel Panel w/Base - Metal 54054 Bigwheel Panel w/Base - Wood

**INSTALLATION INSTRUCTIONS CONT'D:**

8. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

**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. Also 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.



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**

COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 06/08/12

SHEET 2 OF 4

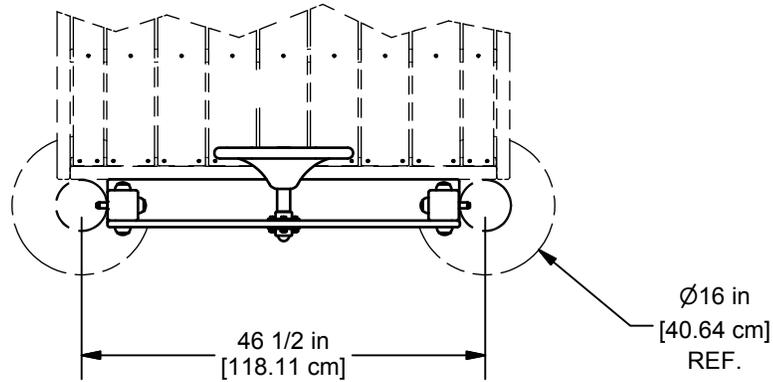
# BigToys®

A PLAYCORE Company

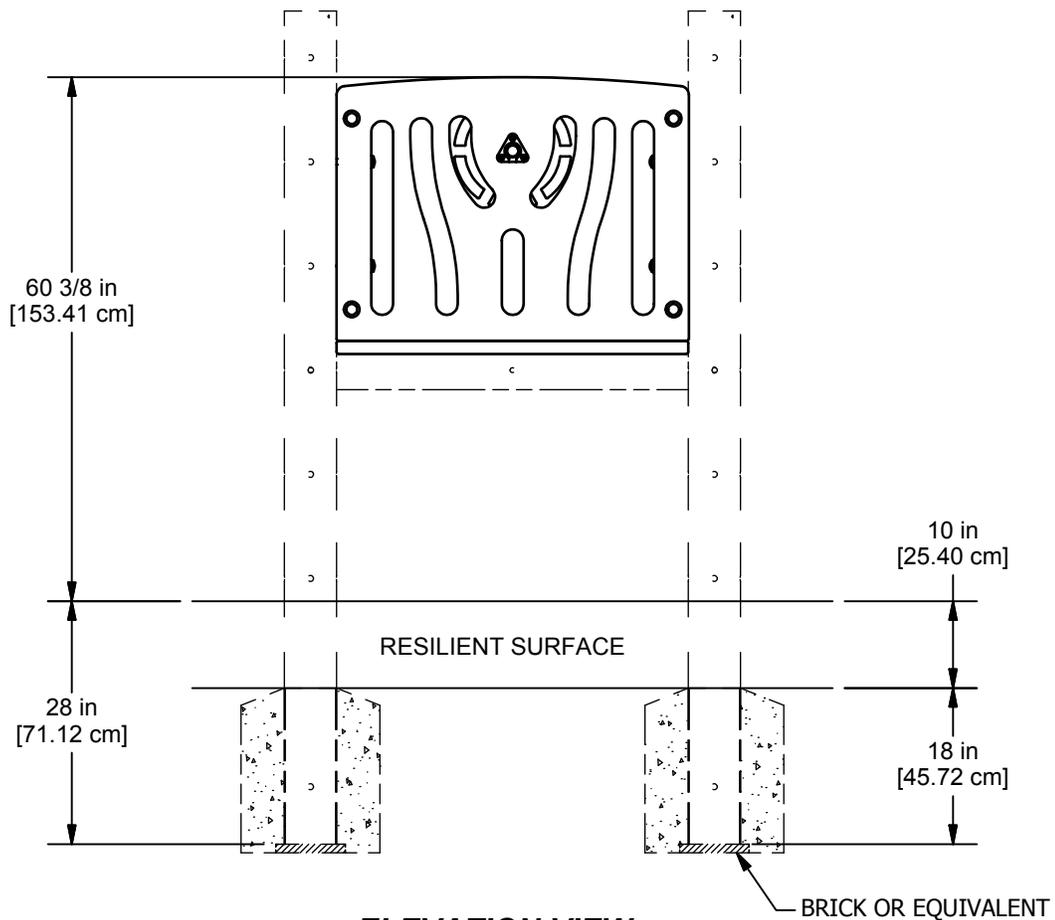
1-866-814-8697

bigtoys.com

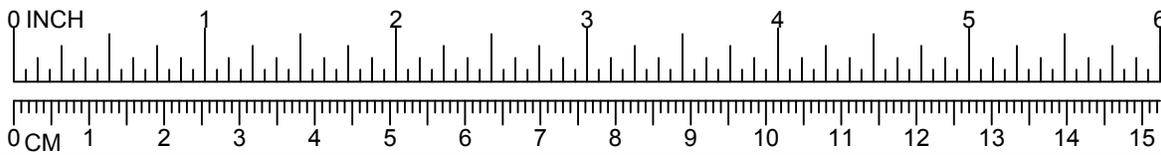
*M54054 Bigwheel Panel w/Base - Metal*  
*54054 Bigwheel Panel w/Base - Wood*



**PLAN VIEW**



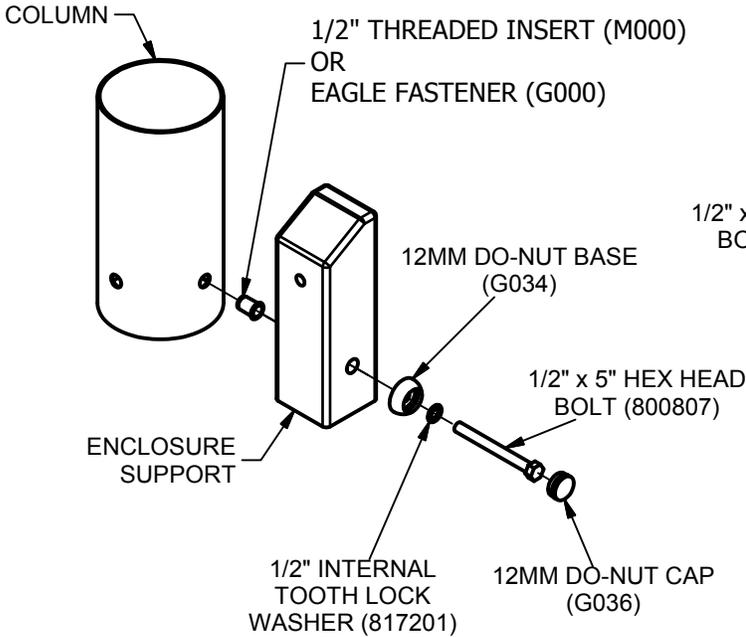
**ELEVATION VIEW**



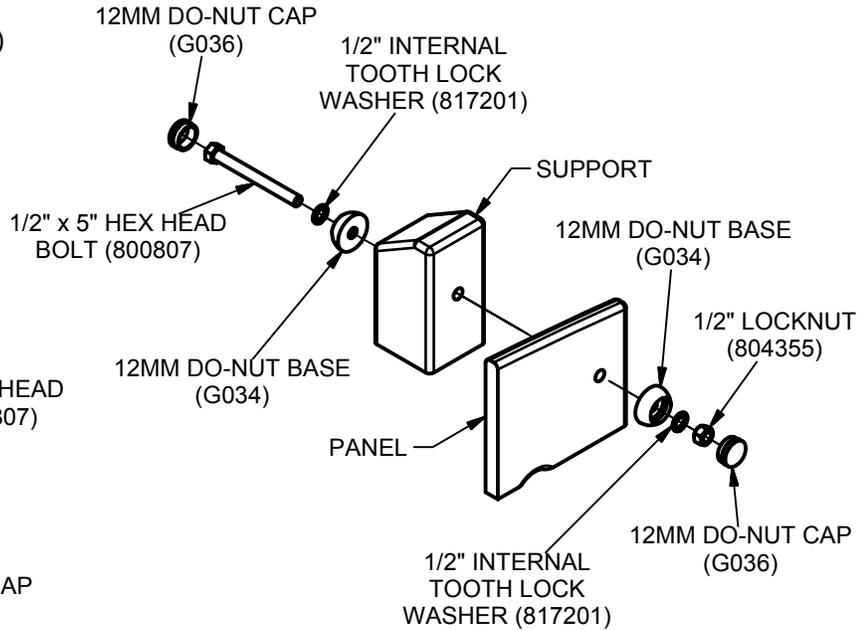
# M54054 Bigwheel Panel w/Base - Metal

## 54054 Bigwheel Panel w/Base - Wood

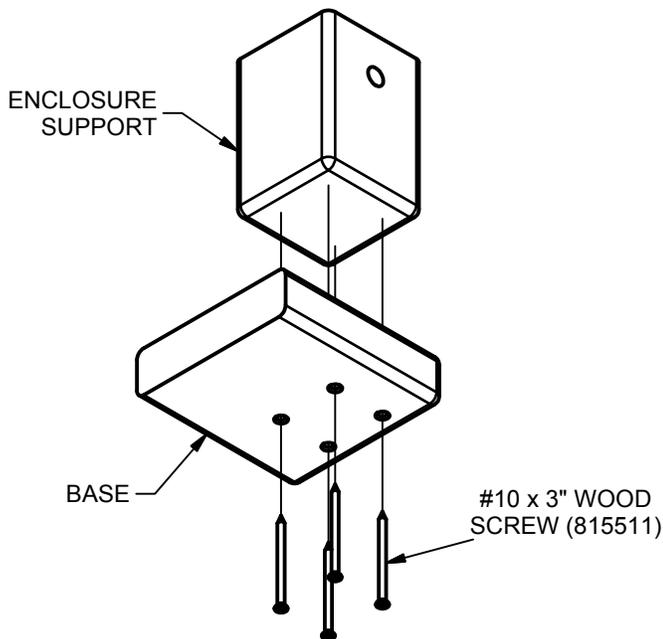
090



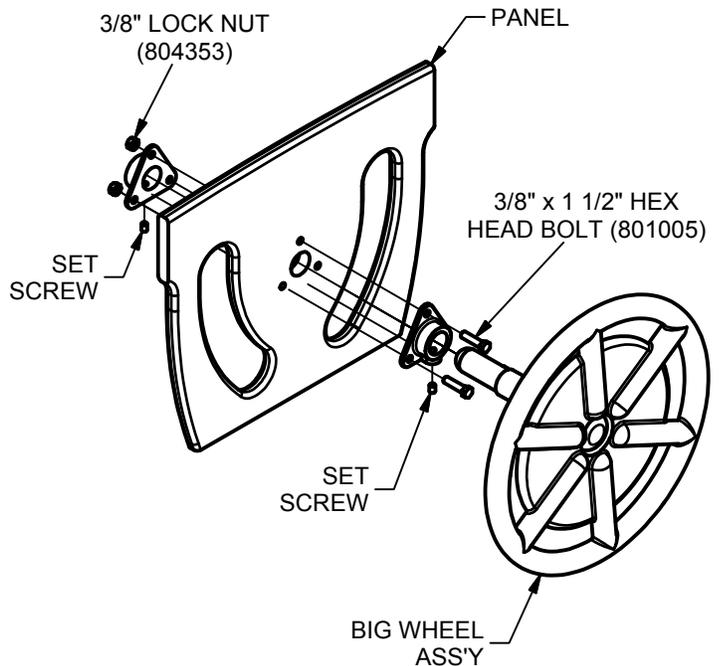
091



092

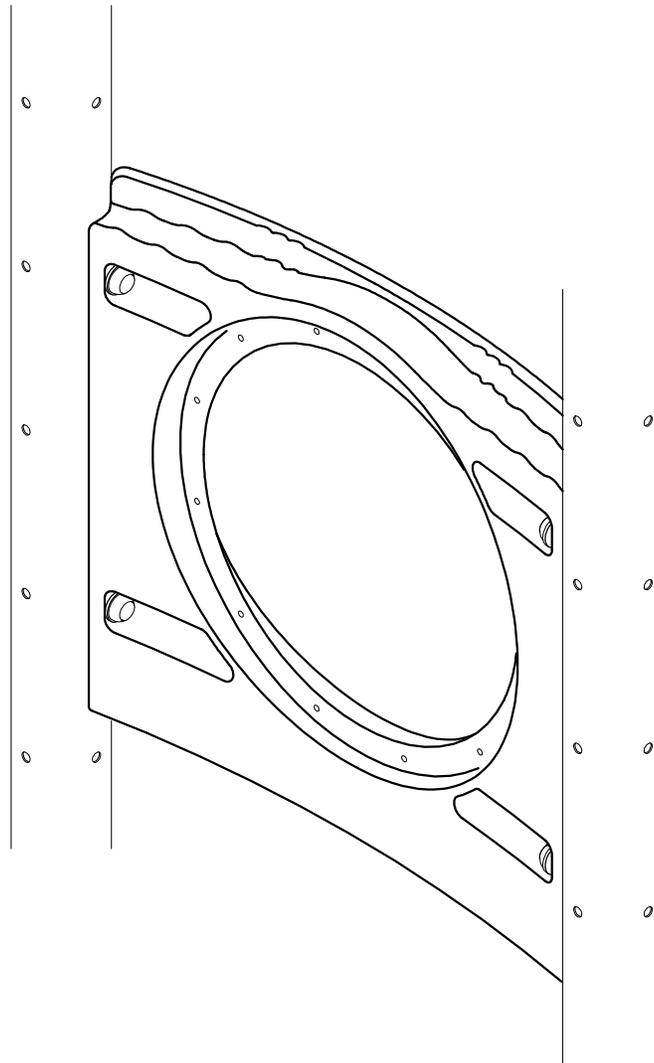


095



# Flat Panel - Metal

M06-001, M55-001  
Installation Instructions



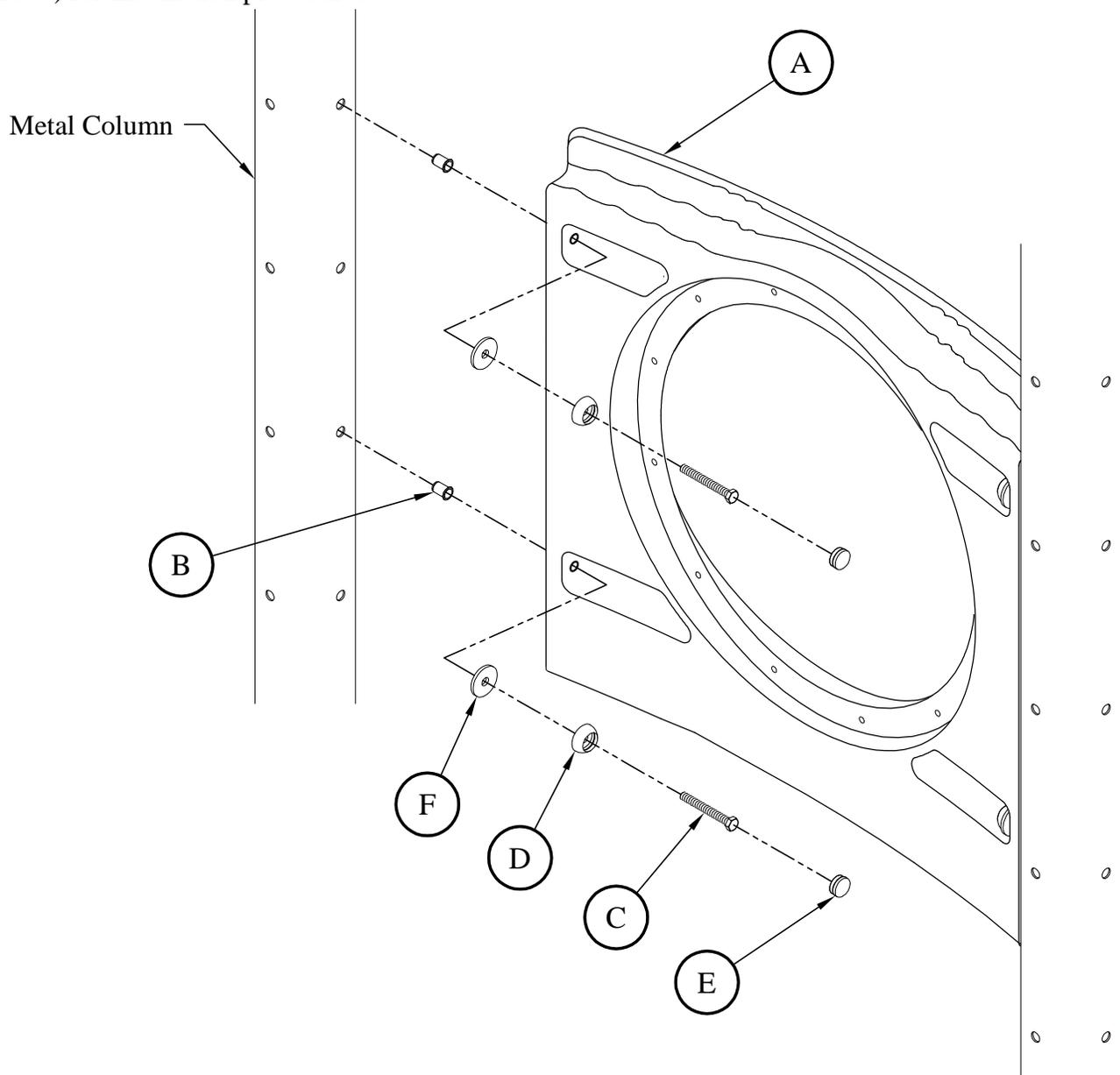
DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	1	401104	Panel, Flat	
B	4	M000	Threaded Insert 1/2"	
	1	E105_	Connector, Panel	
C	4	800806	Bolt, 1/2 x 3" Pltd - Full Thread	
D	4	G034_	Do-Nut Base (No Boss) 12mm	
E	4	G036_	Do-Nut Cap 12mm	
F	4	817413	Washer 3/8" Plate Modified (PN 0445)	

1. Refer to your structure design for the location of the Panel.
2. **Install Threaded Insert (B)** in columns.  
(See "Typical Threaded Insert Installation.")
3. **Attach Panel (A)** to columns using hardware (E)(C)(D)(F) as shown.  
(See "Typical Do-Nut Installation.")



*Refer to your structure design for proper orientation of Panel when used with platforms.*

Refer to "Typical Threaded Insert Installation" in the supplemental Installation Instruction Prolog (iM1000) for installation procedures.



## M56012 Tot Slide - Metal 56012 Tot Slide - Wood

Parts List			
DESCRIPTION	M56012	56012	PART NUMBER
PIPE w/INSERTS	7	7	P023
ENCLOSURE	1	1	402581
RIGHT SIDE PANEL	1	1	402604
LEFT SIDE PANEL	1	1	402605
SLIDE BEDWAY	1	1	402606
TOT SLIDE FOOTBUCK	1	1	402662
90 DEG BRACKET	2	2	404221
<b>---HARDWARE COMPLETE---</b>	1	0	402603
<b>---HARDWARE COMPLETE---</b>	0	1	404306
EAGLE FASTENER	0	2	G000
10MM DO-NUT BASE	14	14	G030
10MM DO-NUT CAP	14	14	G032
12MM DO-NUT BASE	2	2	G034
12MM DO-NUT CAP	2	2	G036
#8 x 1" WOOD SCREW	2	2	813508
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	8	8	812053
3/8" x 1 3/4" HEX HEAD BOLT	14	14	801006
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	4	812054
3/8" INTERNAL TOOTH LOCKWASHER	14	14	817200
3/8" FLAT WASHER	8	8	817410
3/8" S.S. FLAT WASHER	4	4	817460
3/8" T-NUT	10	10	804556
1/2" THREADED INSERT	2	0	M000
1/2" x 2 1/2" HEX HEAD BOLT	2	2	801225
1/2" INTERNAL TOOTH LOCK WASHER	2	2	817201

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

---

## M56012 Tot Slide - Metal 56012 Tot Slide - Wood

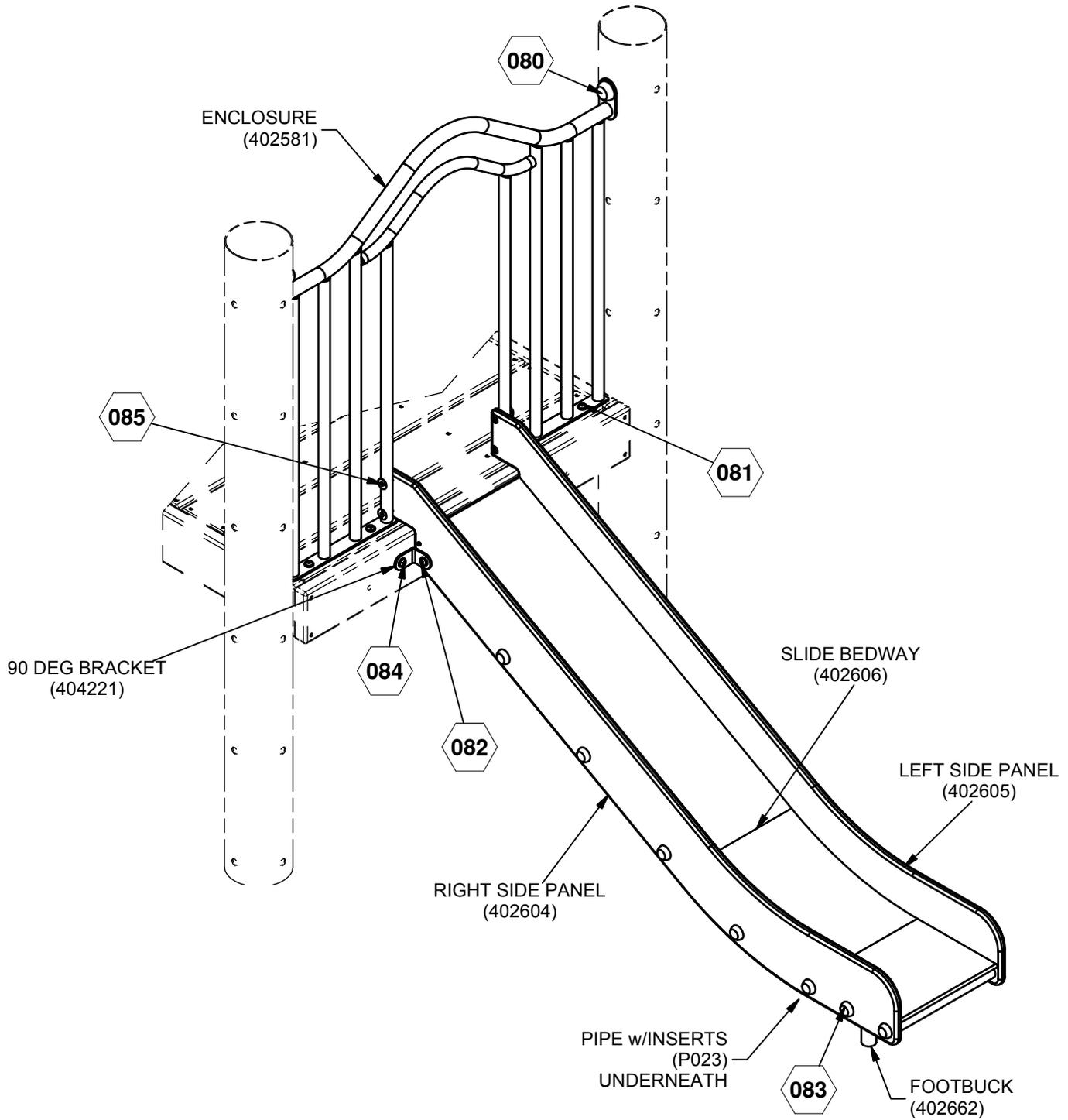
### **INSTALLATION INSTRUCTIONS:**

1. Dig footings at locations shown in footing diagram.
2. Place Enclosure on platform and mark the platform where the 4 holes are located on the bottom of Enclosure and drill 1/2" diameter holes through top of platform. Attach using 3/8" x 1 1/2" P.B.H.C.S., 3/8" Flat Washer, and 3/8" T-Nut. See Detail 081.
3. Attach Enclosure to columns using 1/2" Threaded Insert, 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 2 1/2" Hex Head Bolt, and 12mm Do-nut Cap. If installing wood version use Eagle Fastener, 12mm Do-Nut Base, 1/2" Internal Tooth Lock Washer, 1/2" x 2 1/2" Hex Head Bolt, and 12mm Do-Nut Cap. See Detail 080. Refer to Installation Prolog for typical Threaded Insert or Eagle Fastener Installation.
4. Attach top of Left and Right Side Panels to Pipe w/Inserts using 90 Deg. Bracket, 3/8" Flat Washer, and 3/8" x 1 3/4" P.B.H.C.S. See Detail 082.
5. Attach the rest of the Pipe w/Inserts and Footbuck to Left and Right Side Panels using 3/8" x 1 3/4" Hex Head Bolt, 3/8" Internal Tooth Lock Washer, 10mm Do-Nut Base, and 10mm Do-Nut Cap. See Detail 083. Then slide Bedway into the slots of the Left and Right Side Panels.
6. Place Slide at location on Platform and mark the holes in the Brackets shown in detail 084. Drill 1/2" holes through front of platform and attach to Platform using 3/8" x 1 3/4" P.B.H.C.S. and 3/8" Flat Washer. Secure Slide Bedway with # 8 x 1" Wood Screw. See Detail 084. **Important: Adjust slide bedway to fit tightly against platform before installing screws at the top sides of bedway.**
7. Attach Slide Side Panels to Enclosure using 3/8" x 1 1/2" P.B.H.C.S., 3/8" S.S. Flat Washer, and 3/8" T-Nut. See Detail 085. **Important: Peen Tee-Nuts to match radius of pipe after tightening.**
8. Plumb and level the entire assembly and tighten all fasteners.
9. After entire unit is assembled pour concrete footings within 4" to the top and taper away from pipe to allow water drainage. Allow 48 hours to cure before use. Temporary bracing may be required until concrete cures.
10. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

### **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. Also 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.

*M56012 Tot Slide - Metal*  
*56012 Tot Slide - Wood*



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**  
M56012 SHOWN

COMPONENTS SHOWN IN  
DASHED LINES ARE SOLD SEPARATELY

Issued/Revised: 11/30/12

**BigToys**<sup>®</sup>

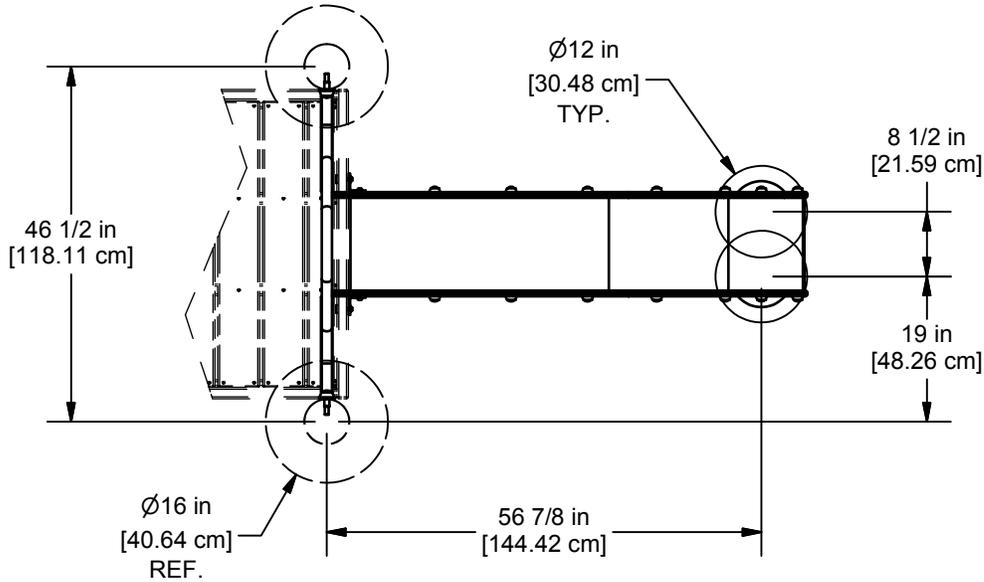
A PLAYCORE Company

SHEET 3 OF 6

1-866-814-8697

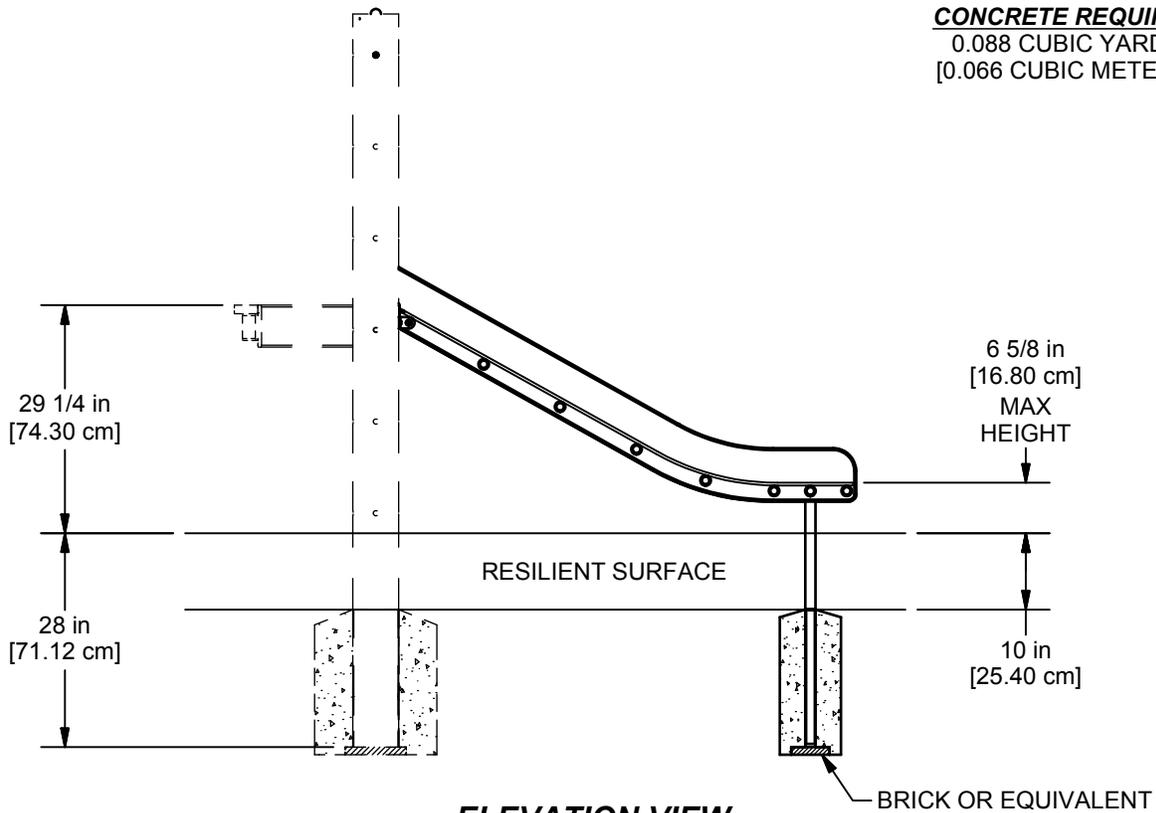
**bigtoys.com**

**M56012 Tot Slide - Metal**  
**56012 Tot Slide - Wood**

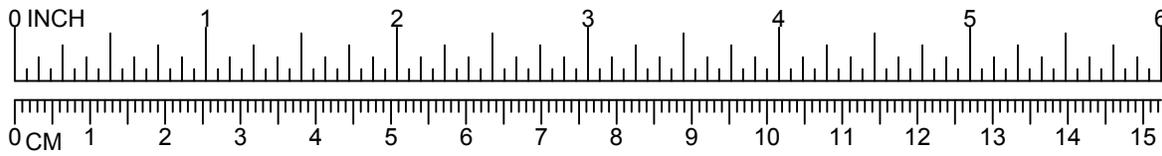


**PLAN VIEW**

**CONCRETE REQUIRED**  
0.088 CUBIC YARDS  
[0.066 CUBIC METERS]

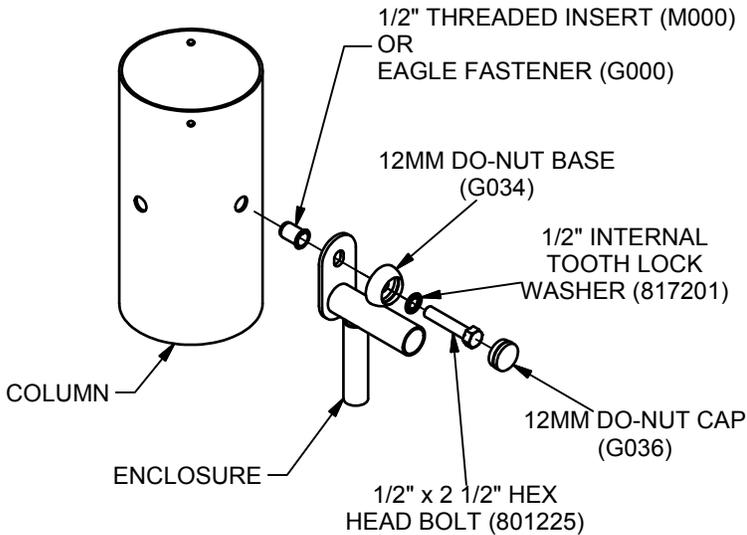


**ELEVATION VIEW**  
M56012 SHOWN



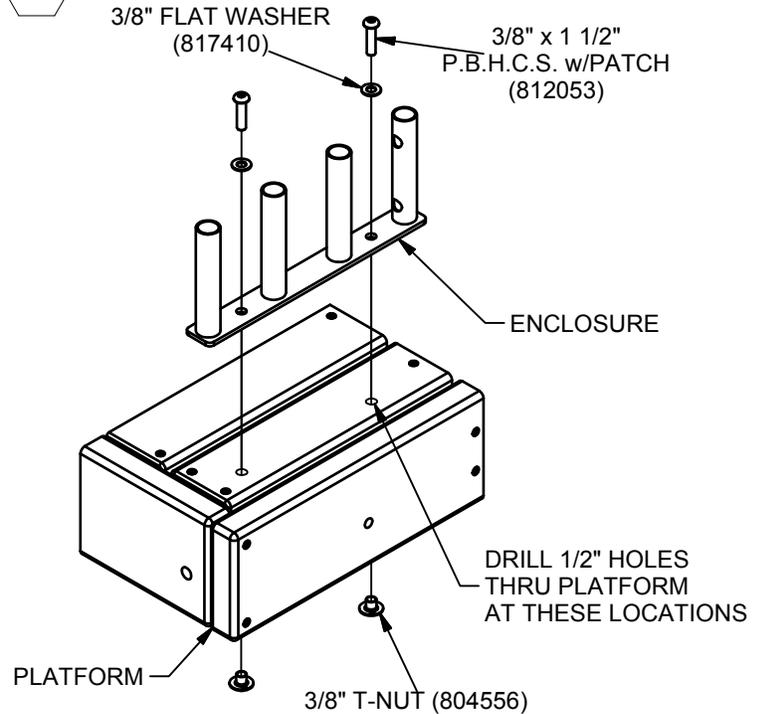
# M56012 Tot Slide - Metal 56012 Tot Slide - Wood

080

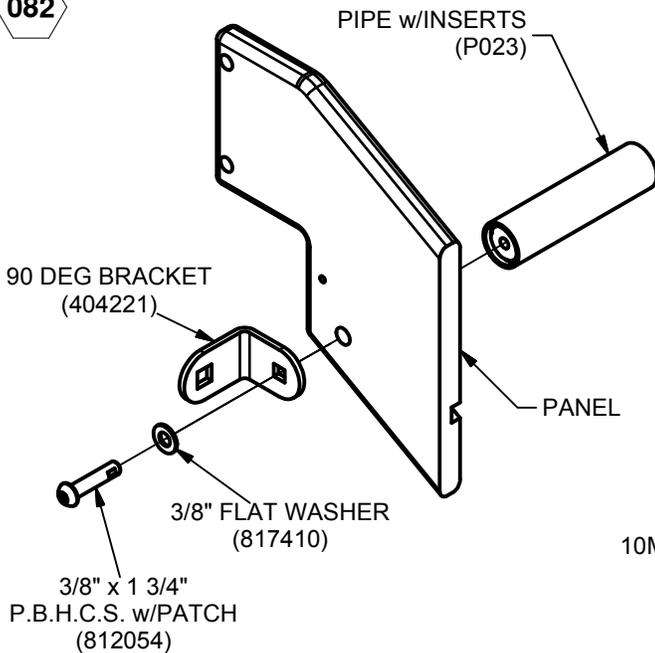


**NOTE: REFER TO THE INSTALLATION PROLOG FOR TYPICAL THREADED INSERT AND EAGLE FASTENER INSTALLATION.**

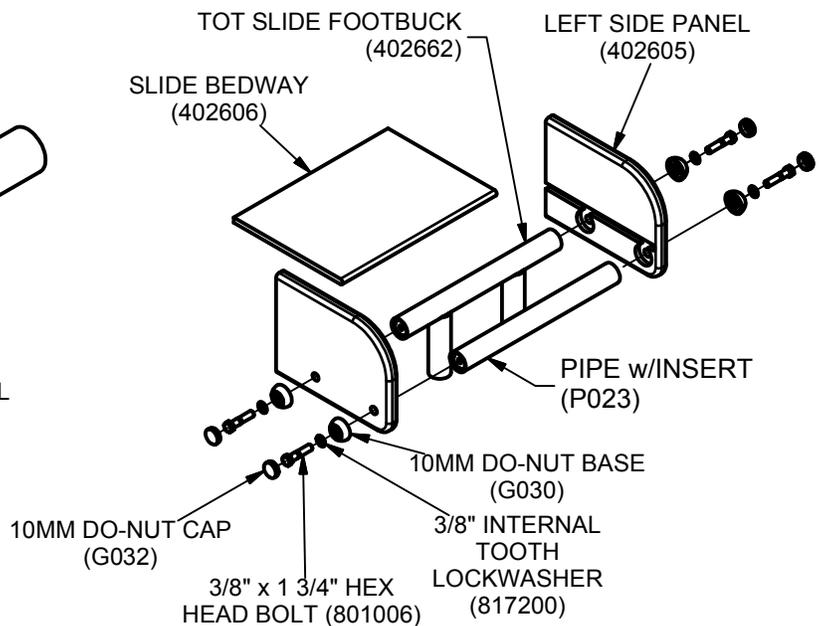
081

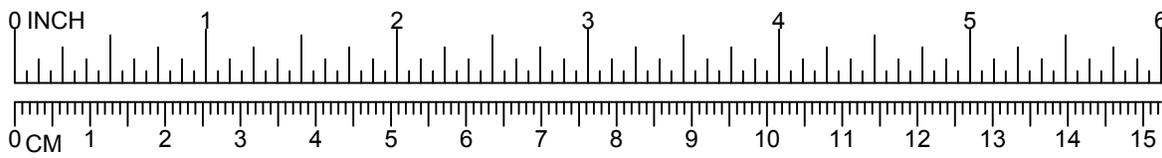


082



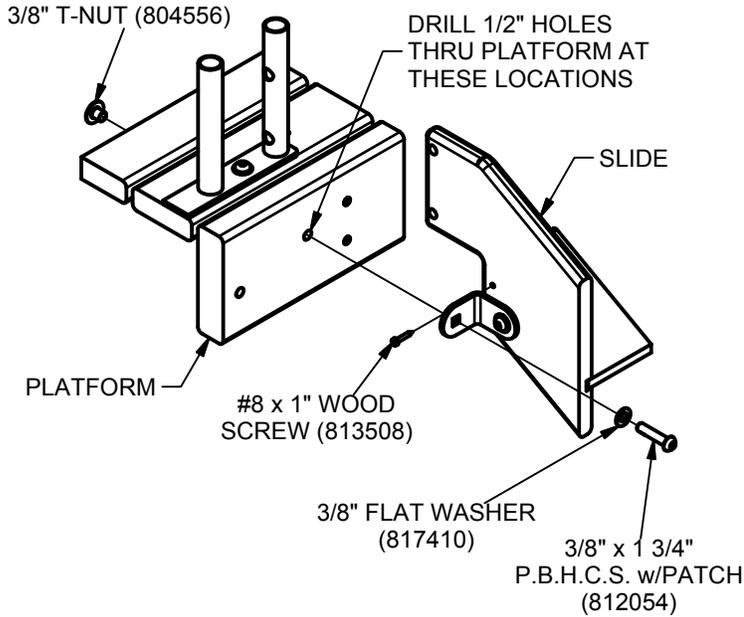
083



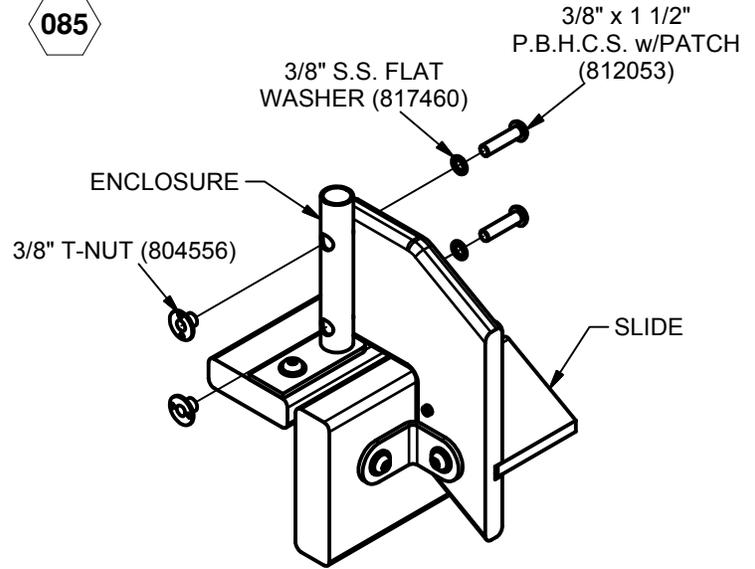


## M56012 Tot Slide - Metal 56012 Tot Slide - Wood

084



085



**IMPORTANT:** PEEN TEE-NUTS TO FIT CURVE OF PIPE AFTER TIGHTENING.

**IMPORTANT:** ADJUST SLIDE BEDWAY TO FIT TIGHT AGAINST PLATFORM BEFORE INSTALLING SCREW IN SIDES OF BEDWAY

## M57043 Rock Climb 2'-6" (Recycled) 57043 Rock Climb 2'-6" (Wood)

Parts List			
DESCRIPTION	M57043	57043	PART NUMBER
ROCK CLIMB FOOTING PIPE	2	2	402085
ROCK CLIMB 2-6 (RECYCLED)	1	0	402788
ROCK CLIMB 2-6 (WOOD)	0	1	402790
<b>---HARDWARE COMPLETE---</b>	1	1	402791
10MM DO-NUT BASE	10	10	G030
10MM DO-NUT CAP	10	10	G032
BRACKET ROCK CLIMB 52D	2	2	G247
ANCHOR ROD	2	2	402121
3/8" x 2 1/4" HEX HEAD BOLT	2	2	801008
3/8" x 2 1/4" B.H.C.S.	2	2	811056
3/8" x 3 3/4" HEX HEAD BOLT	2	2	801526
3/8" INTERNAL TOOTH LOCKWASHER	10	10	817200
3/8" FLAT WASHER	2	2	817410
3/8" HEX NUT	6	6	804053

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

*Items listed below Hardware Complete line are included with Hardware Complete Number*

**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. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement.**

**Promptly cut-off flush, file smooth, and treat to prevent corrosion.**

**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.**

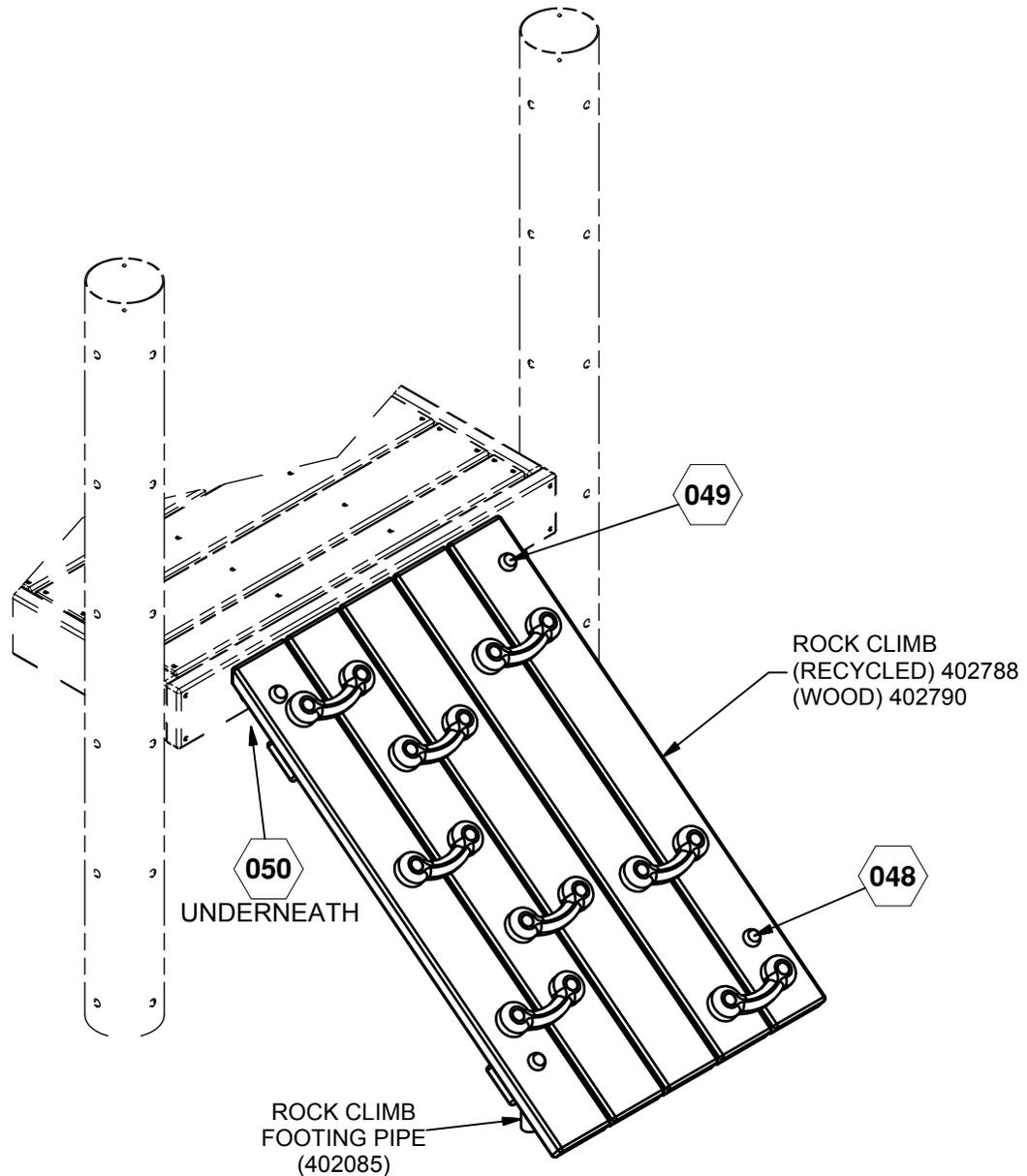
### **INSTALLATION INSTRUCTIONS:**

1. Dig footing holes as shown in Elevation and Plan Views.
2. Locate platform and attach Bracket using 3/8" x 2 1/4" B.H.C.S. , 3/8" Flat Washer, 10mm Do-Nut Base, 3/8" Internal Tooth Lock Washer, 3/8" Hex Nut, and 10mm Do-Nut Cap as shown in Detail 050.
3. Attach Rock Climb to Brackets using 10mm Do-Nut Base, 3/8" x 2 1/4" Hex Head Bolt, 3/8" Internal Tooth Lock Washer, 3/8" Hex Nut, and 10mm Do-Nut Cap as shown in Detail 049.
4. Attach Footing Pipe to Rock Climb using 10mm Do-Nut Base, 3/8" x 3 3/4" Hex Head Bolt, 3/8" Internal Tooth Lock washer, 3/8" Hex Nut, and 10mm Do-Nut Cap as shown in Detail 048.
5. Insert Anchor Rods through the hole in Footing Pipe.
6. Plumb and level the entire assembly and tighten all fasteners.
7. After entire unit is assembled, pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.
8. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

## M57043 Rock Climb 2'-6" (Recycled) 57043 Rock Climb 2'-6" (Wood)

**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. Also 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.



 = INSTALLATION DETAIL

**FINISHED ASSEMBLY**

COMPONENTS SHOWN IN  
HIDDEN LINES ARE SOLD SEPARATELY

Issued/Revised: 08/14/2012

**BigToys**<sup>®</sup>

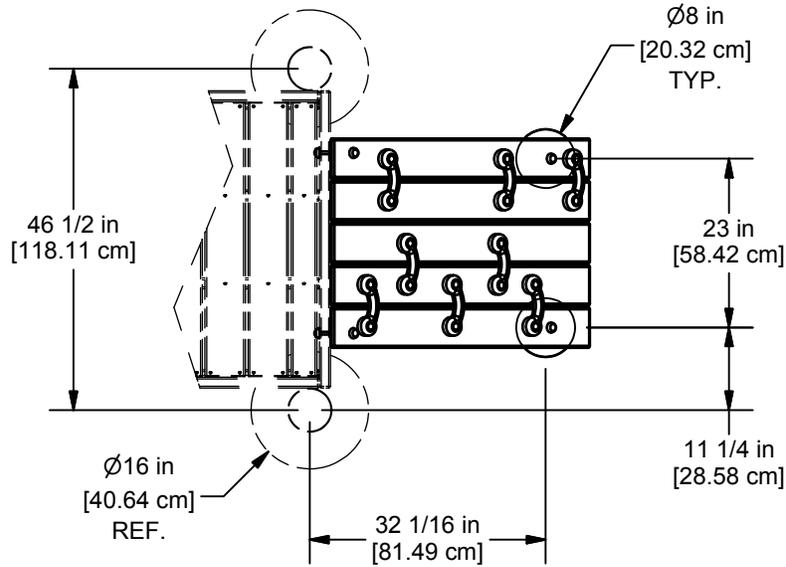
A PLAYCORE Company

SHEET 2 OF 4

1-866-814-8697

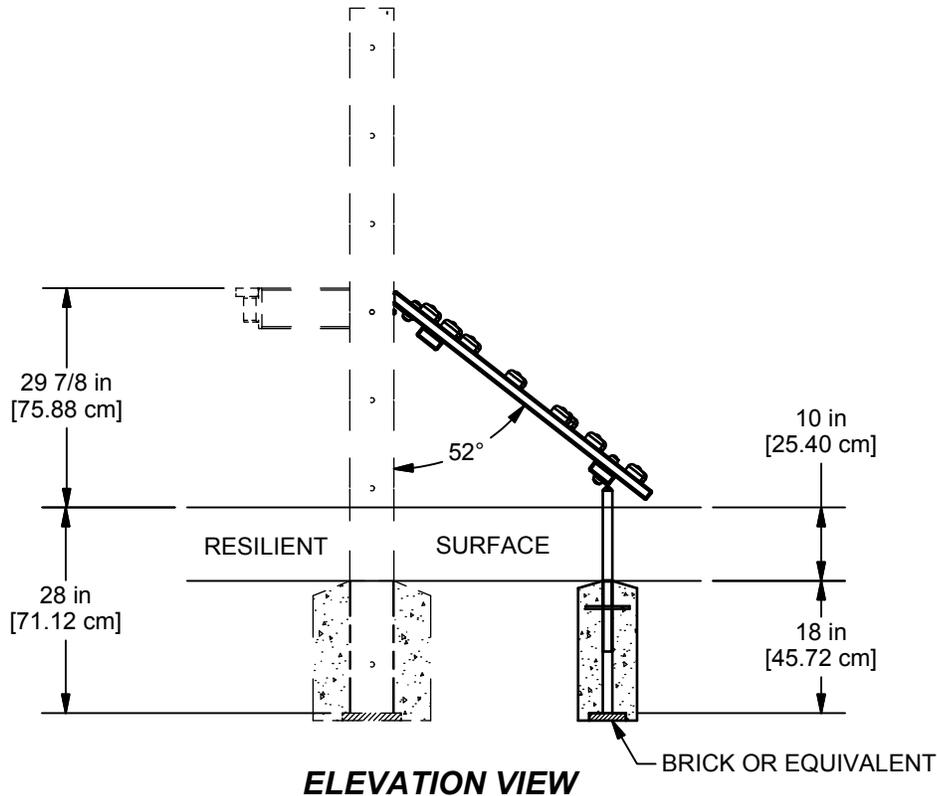
**bigtoys.com**

M57043 Rock Climb 2'-6" (Recycled)  
57043 Rock Climb 2'-6" (Wood)

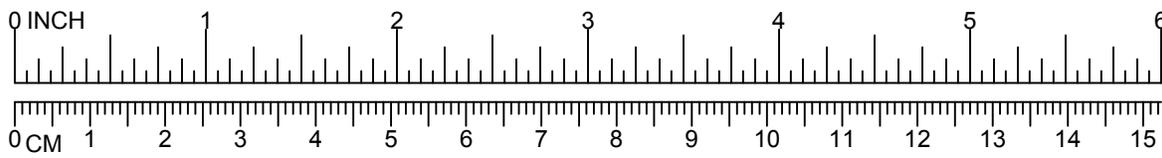


**PLAN VIEW**

**CONCRETE REQUIRED**  
0.078 CUBIC YARDS  
0.059 [CUBIC METERS]

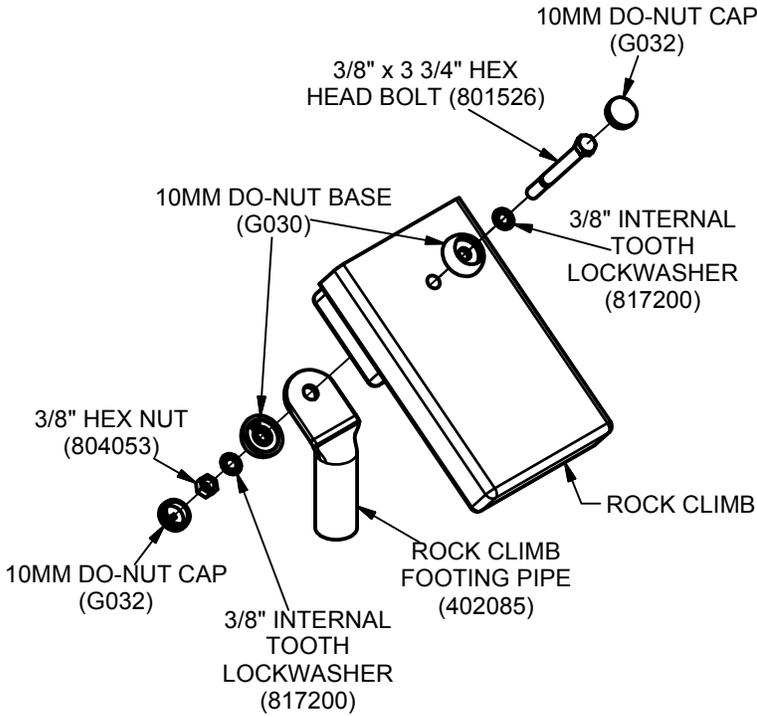


**ELEVATION VIEW**

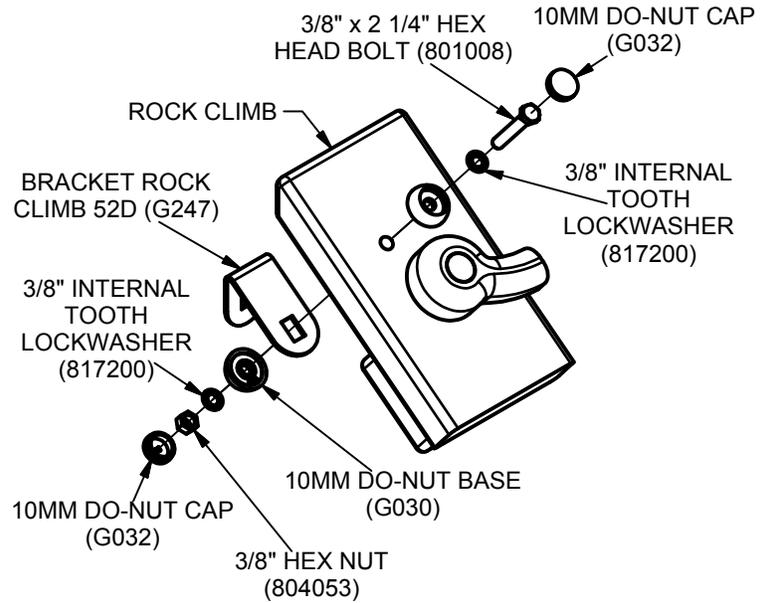


## M57043 Rock Climb 2'-6" (Recycled) 57043 Rock Climb 2'-6" (Wood)

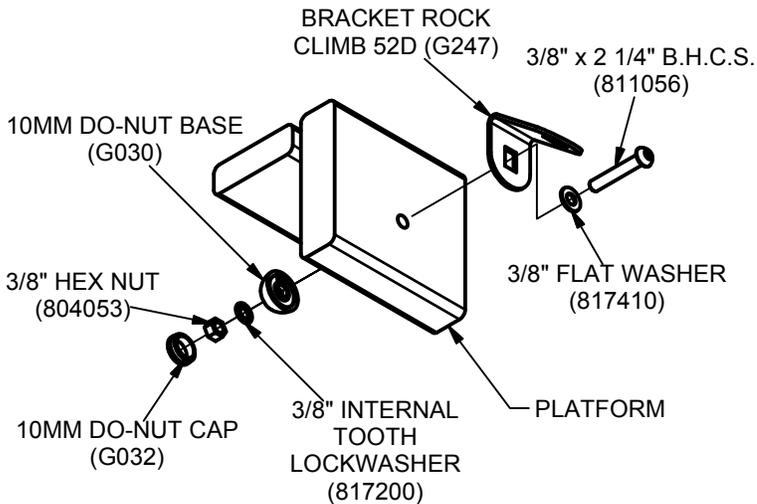
048



049

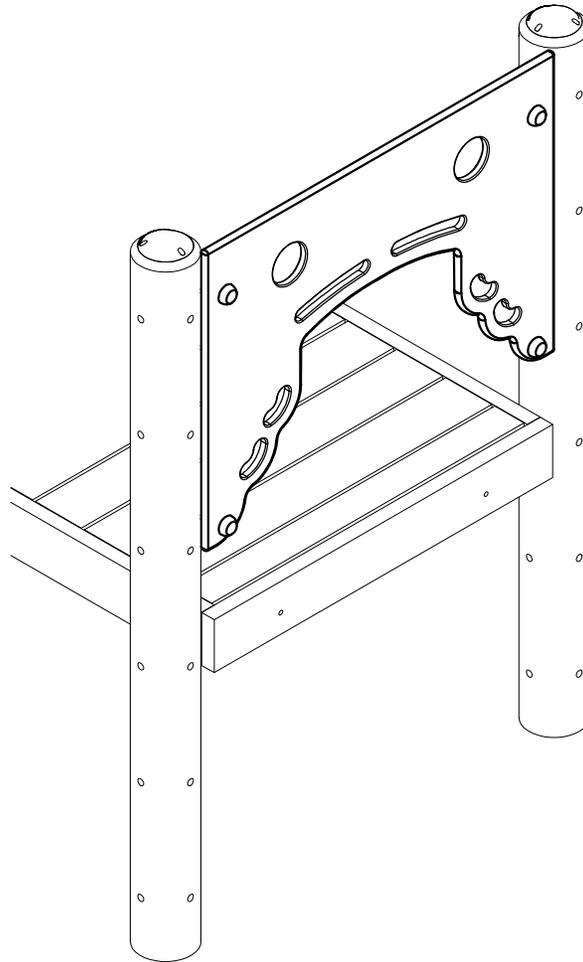


050



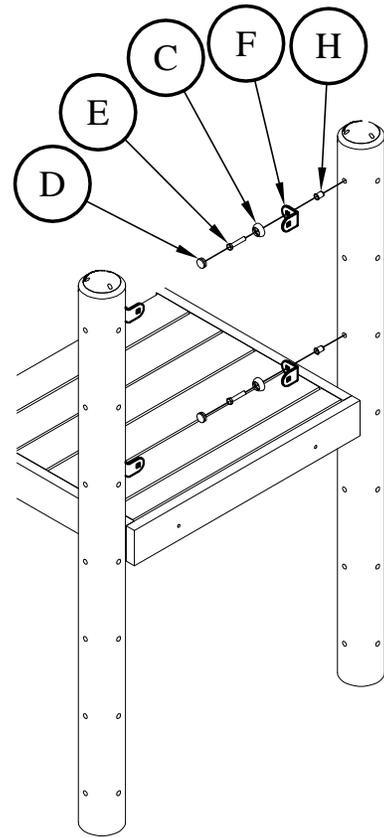
# Mr. Welcome Jr. Panel - M

M59-030  
Installation Instructions



DET.	QTY.	PART#	DESCRIPTION	ICON (NOT TO SCALE)
A	1	L534	Mr. Welcome Jr. Panel	
	1	E043_	Connector, Mr. Welcome Panel	
B	4	800430	Bolt Carriage 1/2 x 1-1/2" NC Pltd	
C	8	G034_	Do-Nut Base (No Boss) 12mm	
D	8	G036_	Do-Nut Cap 12mm	
E	4	801225	Bolt, 1/2 x 2-1/2" Pltd - Full Thread	
F	4	G958	Bracket, Wood Enclosure Base HDG	
G	4	804355	Nut, Hex 1/2" - Lock	
H	4	M000	Threaded Insert 1/2"	

1. Refer to your structure design layout for the location and orientation of the Mr. Welcome Panel.
2. **Install Threaded Inserts (H)** in columns as shown.  
(See "Typical Threaded Insert Installation.")
3. **Attach 90° brackets (F)** to columns using hardware (E)(C) as shown.  
(See "Typical Do-Nut Installation.")  
*Note: Do not install Do-nut Caps (D) until the installation is completed and all hardware is tightened.*



Refer to "Typical Threaded Insert Installation" in the supplemental Installation Instruction Prolog (iM1000) for installation procedures.

4. **Attach Mr. Welcome Panel (A)** to brackets (F) using hardware (B)(C)(G) as shown.  
(See "Typical Do-Nut Installation.")  
*Note: Do not install Do-nut Caps (D) until the installation is completed and all hardware is tightened.*

