

# FitTech

## UP188 BALANCE BOARD SIGN

Parts List		
DESCRIPTION	QTY	PART NUMBER
SIGN POST WELD ASSEMBLY	1	206182
<b>HARDWARE COMPLETE</b>	1	403482
BALANCE PLANK SIGN	1	403481*
1/4" x 1/2" P.B.H.C.S. w/Patch	2	812011*
1/4" FLAT WASHER (5/8" O.D.)	2	817408*

*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.**

### **SPECIFICATIONS:**

**SIGN MOUNTING PLATE ASSEMBLY:** Shall be an all welded construction consisting of 2 3/8" o.d. Schedule 40 tubing and a 3/16" thk. 8" dia. hot rolled steel mounting plate. Assembly shall have a black powder coat finish.

**HARDWARE:** All nuts, bolts, screws, and lock washers used in the assembly shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 304 alloy stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating.  
Bolt Caps / Bolt Guards and foot shrouds are injection molded plastic.  
Foot Pads are cast aluminum 383 alloy with powder coat finish.

**POWDER COATING:** Powder-coat shall be an electrostatic ally applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a multi stage bath system including a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794-69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D 2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Oven-bake Stability 100% at 400 degrees Fahrenheit.

### **INSTALLATION INSTRUCTIONS:**

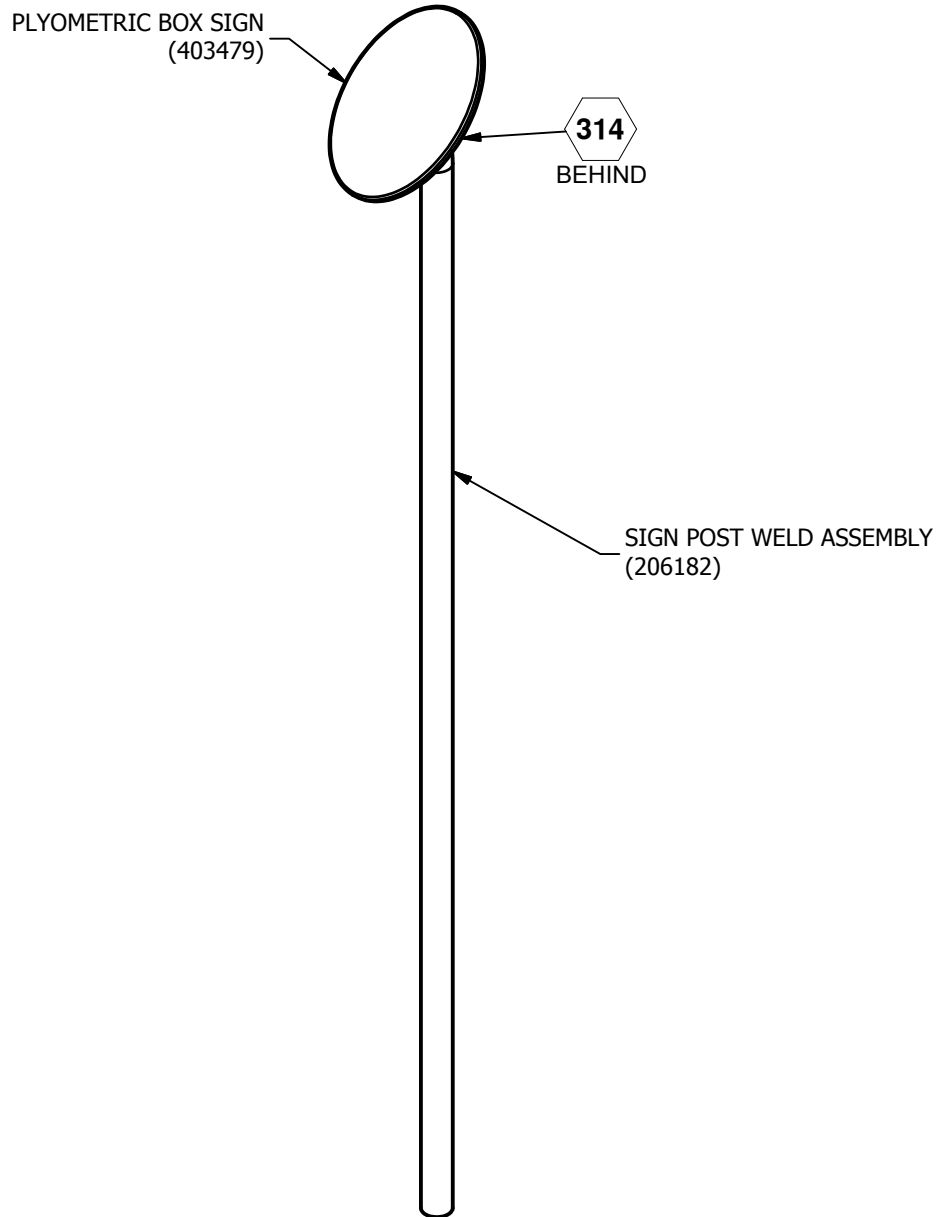
1. Dig required holes. Place a brick or equivalent in the bottom of holes to provide a solid foundation. See Elevation and Plan views.
2. Bolt Sign onto Mounting Plate using 1/4" x 1/2" P.B.H.C.S. w/Patch and 1/4" Flat Washer (5/8" O.D.) as shown in Detail 314.
3. Place Assembly into center of ground hole. Plumb and level Assembly.

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### **MAINTENANCE PROCEDURE:**

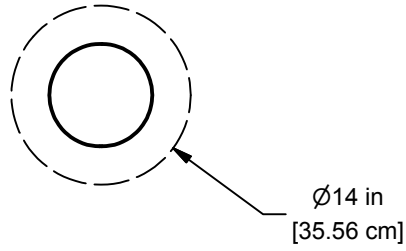
Periodically check hardware for tightness, and tighten as necessary. Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced. Also Check all metal parts for rust, paint loss and touch-up if necessary with paint. Check 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.



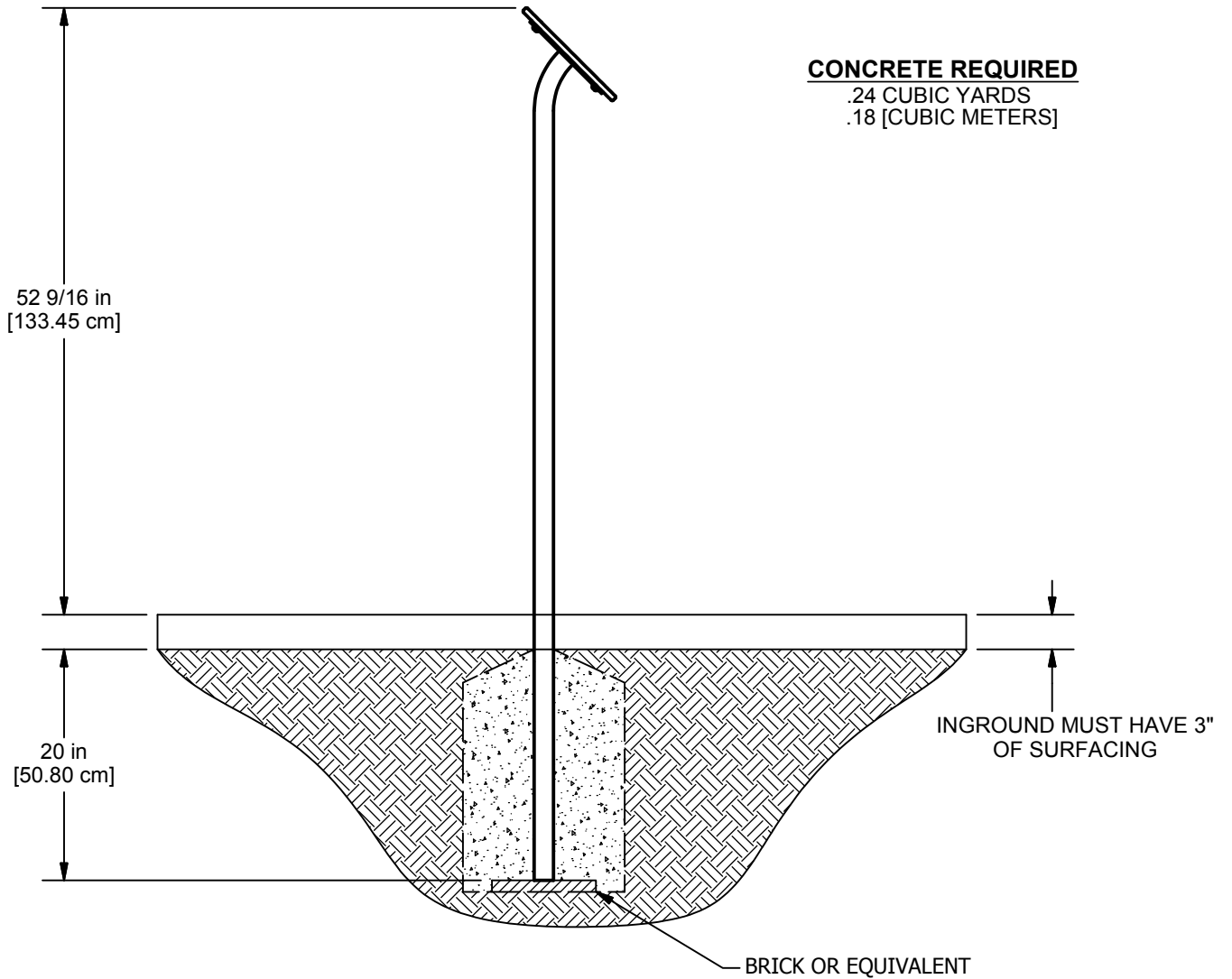
### **FINISHED ASSEMBLY**

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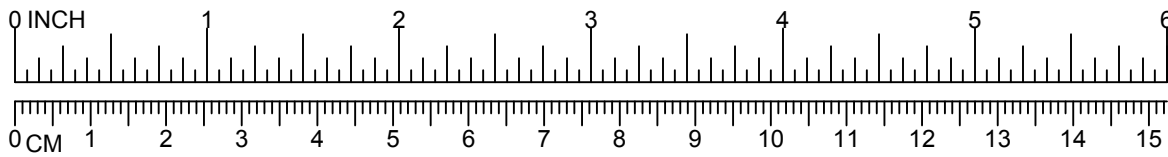


**PLAN VIEW**



**ELEVATION VIEW**

Issued/Revised: 9/24/13



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