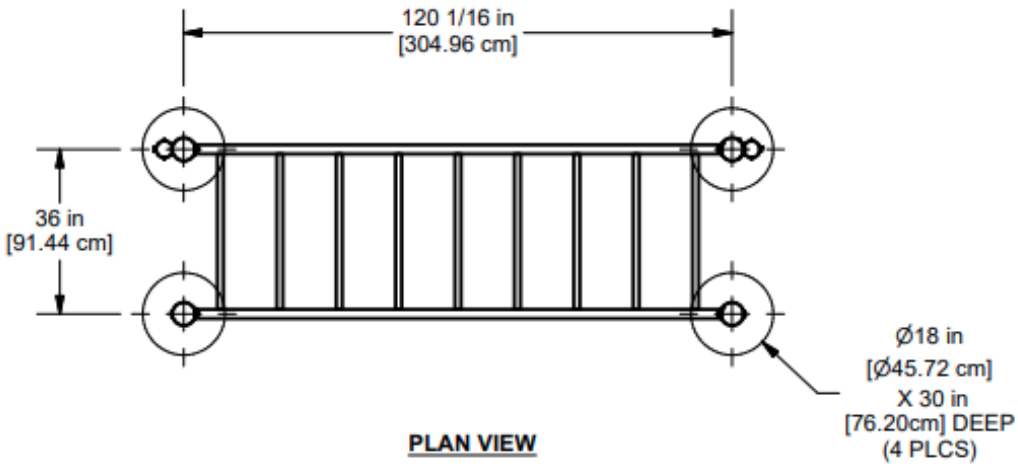
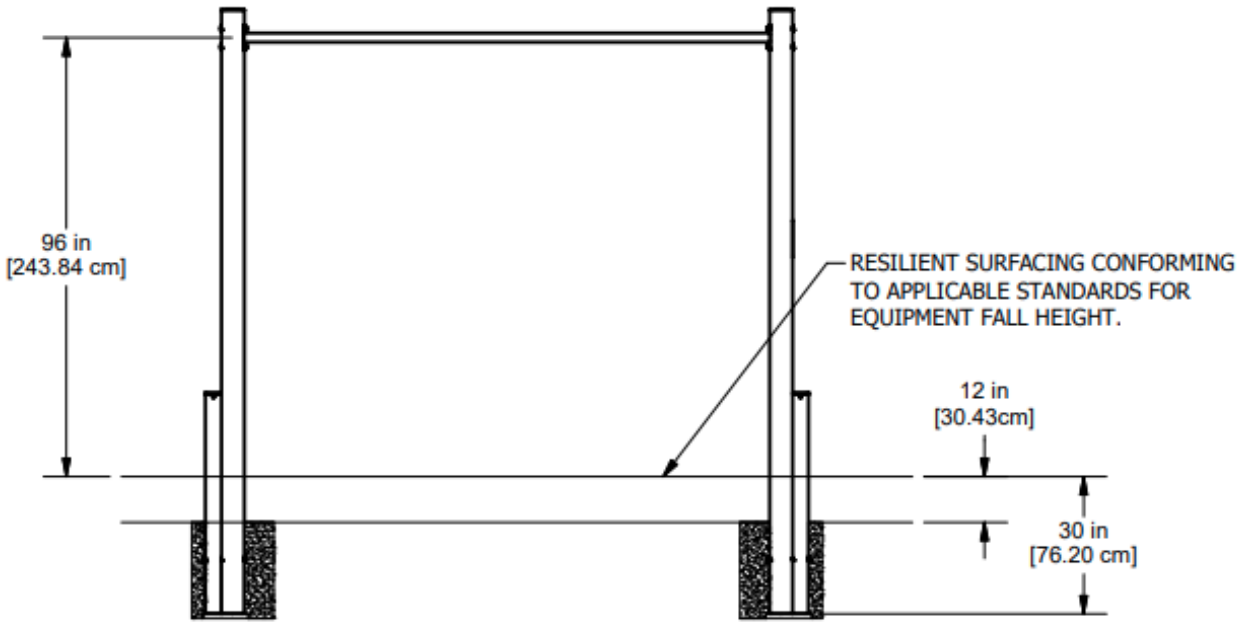
UP199 FITNESS OVERHEAD LADDER



PLAN VIEW



ELEVATION VIEW

INSTALLATION INSTRUCTIONS:

1. Dig footing holes as shown in Plan and Elevation Views. Place brick or equivalent in the bottom of hole to provide a solid foundation.

2. Attach Overhead Ladder to Uprights using 1/2" x 5 1/2" Button Head Cap Screw, 1/2" Lockwasher, 1/2" Flatwasher, and 1/2" T-Nut as shown in Detail 633. Insert 5" Injection Molded Cap.

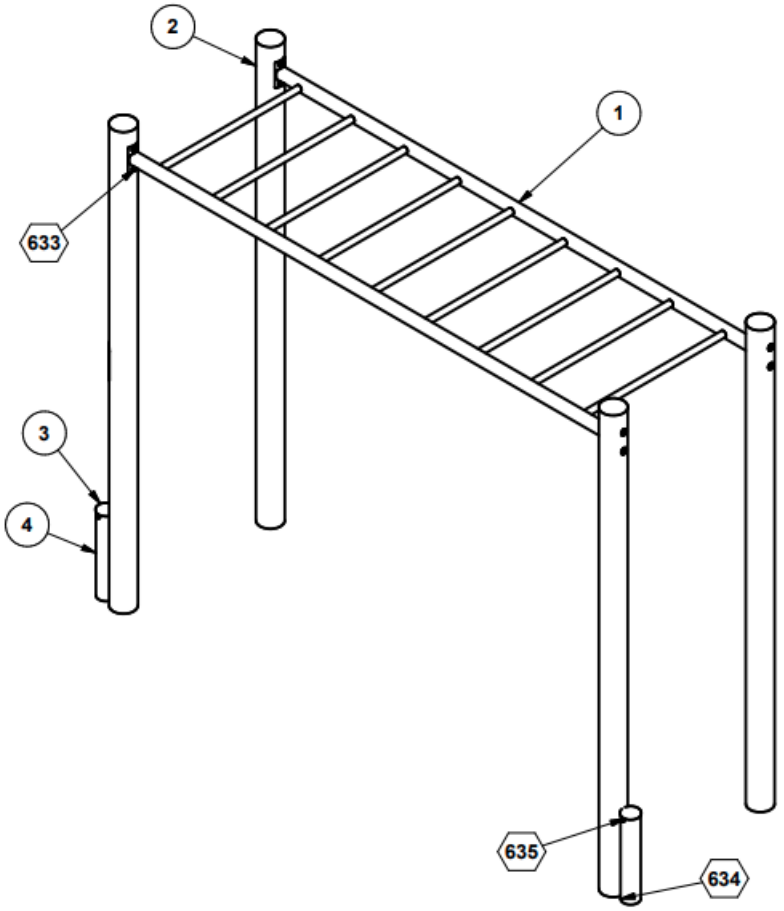
3. Attach Step Pipe to Uprights using 1/2" x 9" Hex Head Bolt and 1/2" Hex Nut as shown in Detail 634.

4. Attach Flat Cap to Step Pipes using 1/4" x 3/4" Drive Rivets as shown in Detail 635.

5. Plumb and level the entire assembly and tighten all fasteners.

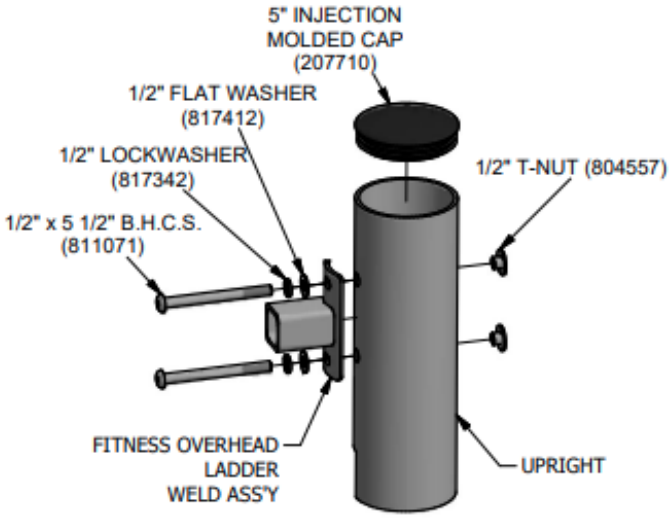
6. After entire unit is assembled, pour concrete footings as shown in Plan and Elevation Views. Allow to cure at least 48 hours before use. Note: Temporary bracing may be required until concrete cures.

7. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc.

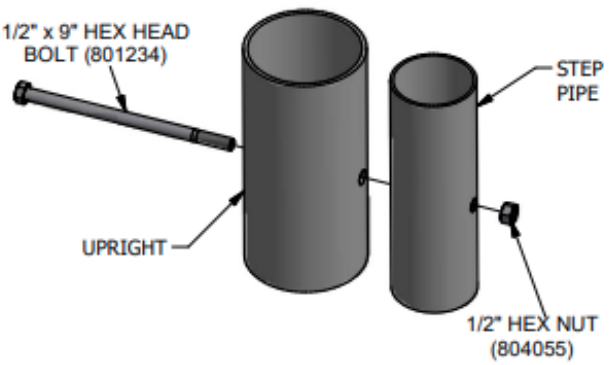


ASSEMBLY VIEW

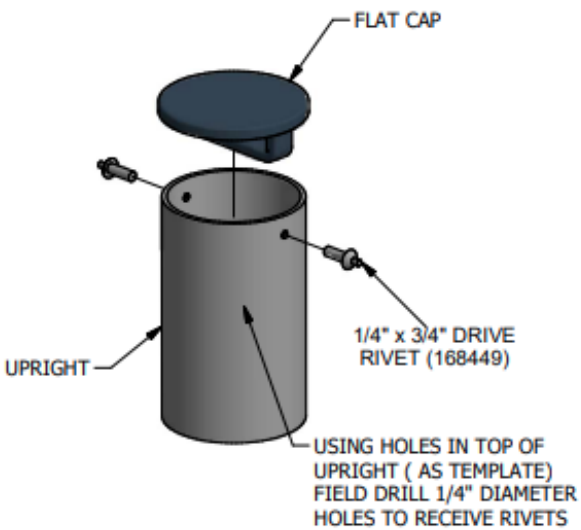
UP199 FITNESS OVERHEAD LADDER



633



634



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UP199 FITNESS OVERHEAD LADDER

POWDER COAT FINISH: Shall be an electrostatically 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 four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 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), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, 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 300 series 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. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

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