

EC-037 Telescope - Freestanding

Parts List		
DESCRIPTION	QTY	PART NUMBER
FORMED PIPE ASSEMBLY	1	309770
TELESCOPE ASS'Y	1	314712
TELESCOPE HALF CLAMP CASTING	2	314705
TELESCOPE SWIVEL CASTING	1	314703
-----HARDWARE COMPLETE-----	1	314879
3/8" FENDER WASHER	1	817008
3/8" x 3/4" P.B.H.C.S. w/PATCH	1	812052
1/2" ANCHOR ROD	1	135038
3/8" BARREL NUT	2	804804
3/8" FLAT WASHER	3	817410
3/8" LOCK WASHER	2	817334
3/8" x 1" P.B.H.C.S. w/PATCH	1	812050
1/2" FLAT WASHER	1	817412
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	1	812053
1/4" x 1" DRIVE RIVET	2	805302

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:

Telescope Assembly

Telescope Assembly consists of a cast Aluminum Alloy and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

Formed Pipe Assembly

Shall be fabricated from 2-3/8" O.D. 13-gauge galvanized steel tubing and 1.315" O.D. 14-gauge galvanized steel tubing. Formed Pipe Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HardwareAll nuts, bolts, screws, inserts, and lock washers 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 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. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. Stainless steel fasteners shall be button pin-in head, hex socket cap screws with a two-part epoxy locking patch added to the threads. The two-part locking patch shall consist of one part resin and one part catalyst which are activated during installation. After curing, the material shall require a minimum of five times the installation torque to remove the fastener. Manufacturer shall provide special installation tools for pinned fasteners.

INSTALLATION INSTRUCTIONS:

1. Dig footing hole as shown in Plan and Elevation Views.
2. Attach Telescope Assembly to Formed Pipe Assembly using Detail 437.
3. Using holes in Telescope Clamps as templates, drill 1/4" diameter holes through the Formed Pipe Assembly.
Important: Telescope Assembly must be installed in correct upright position before drilling.
4. Install 1/4" x 1" Drive Rivets into Telescope Clamps to secure. See Detail 437.

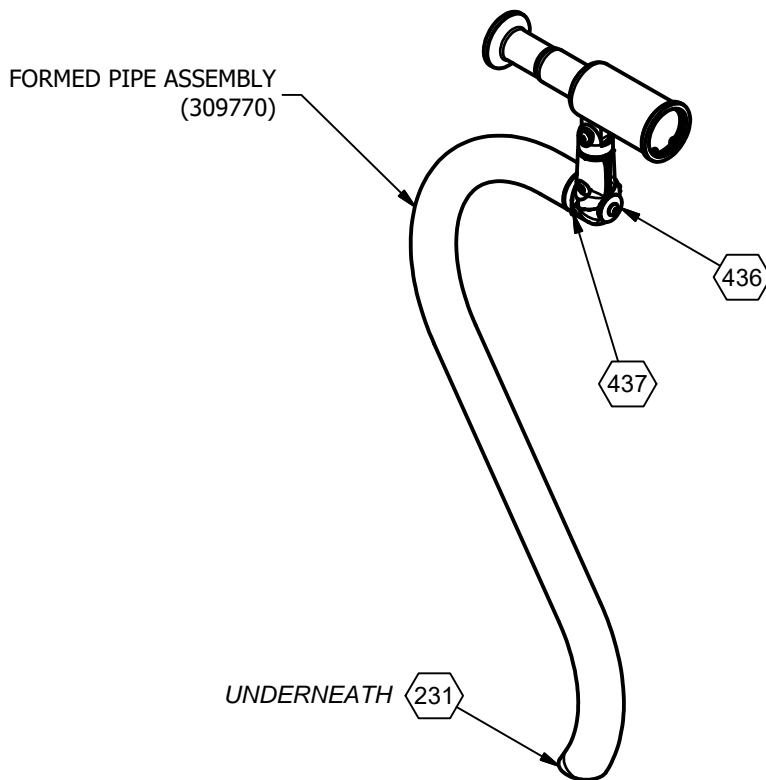
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7. Pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use.
Note: Temporary bracing may be required until concrete cures.

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.

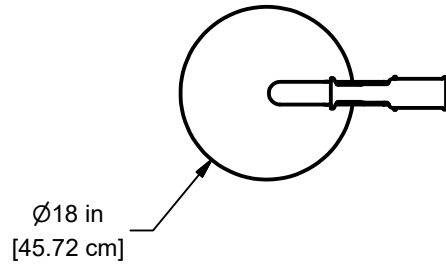
MAINTENANCE PROCEDURE:

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.

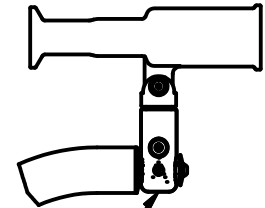


FINISHED ASSEMBLY

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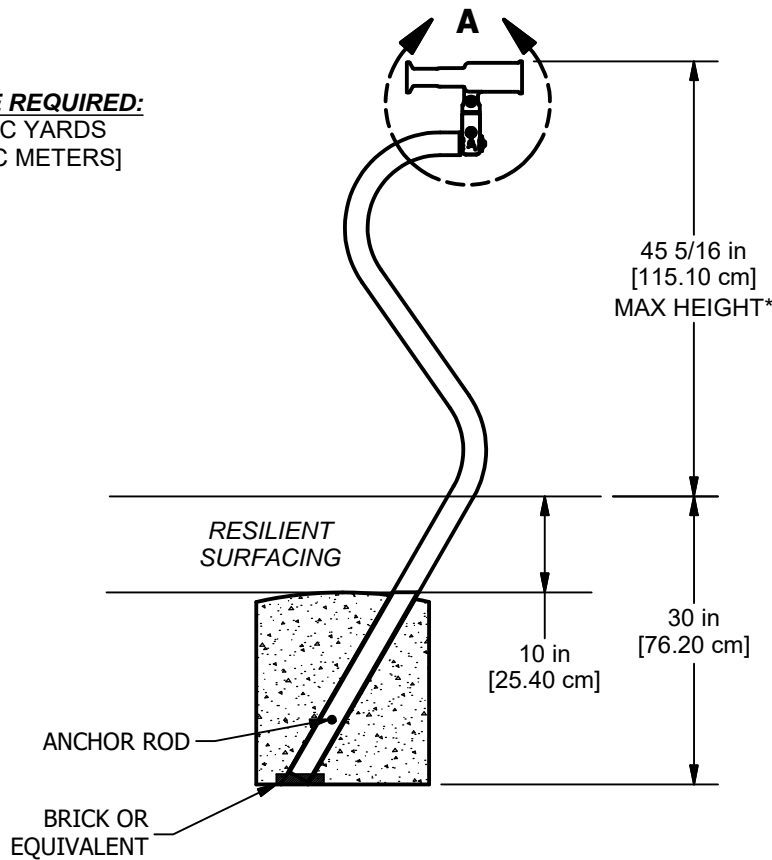


PLAN VIEW



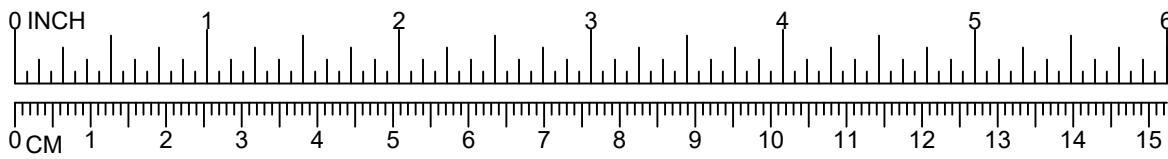
NOTE: END OF FORMED PIPE ASSEMBLY MUST BE LEVEL OR PARALLEL TO FINISHED SURFACE.

CONCRETE REQUIRED:
.11 CUBIC YARDS
[.08 CUBIC METERS]



* HEIGHT OF TELESCOPE CAN VARY DEPENDING ON USER.

ELEVATION VIEW



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