

Installation Instructions

Tree Fort

Part # APo6o



ID SCULPTURE

PLAY. CLIMB. EXPLORE.

591 South Boulevard Street
Gunnison, Colorado 81230
info@idsculpture.com
970-641-1747

Specifications: Tree Fort

- Material: Concrete with Structural Foam
- Approximate Size Assembly: 7'-6" x 7'-6" x 9'-6" Tall
- Approximate Weight: 9,500 lbs
- Maximum Fall Height: 8'-0" (assumes 12" of safety surfacing)
- Age Group: 5-12 Years Old

Required Parts (included):

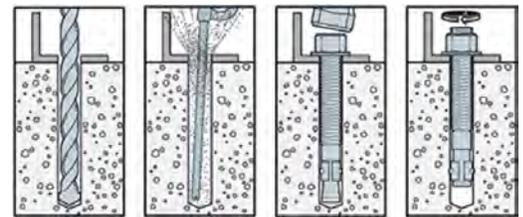
- Tree Fort GFRC Sculpture
- 5ft Poly Wave Slide with Slide Supports and Legs
- 3/8"-16 x 3/4" SS Button Head Security Screw: 6ct
- 3/8"-16 x 2" SS Button Head Security Screw: 3ct
- 3/8"-16 x 3" SS Threaded Rod Inserts: 4ct
- 3/8"-16 x Locking Nut: 4ct
- 3/8" x 1" OD SS Flat Washer: 10ct
- Security Allen Wrench
- Heavy Duty Hoist Rings: 4ct
- "Tree Fort" Drawing Set

Recommended Equipment (not included):

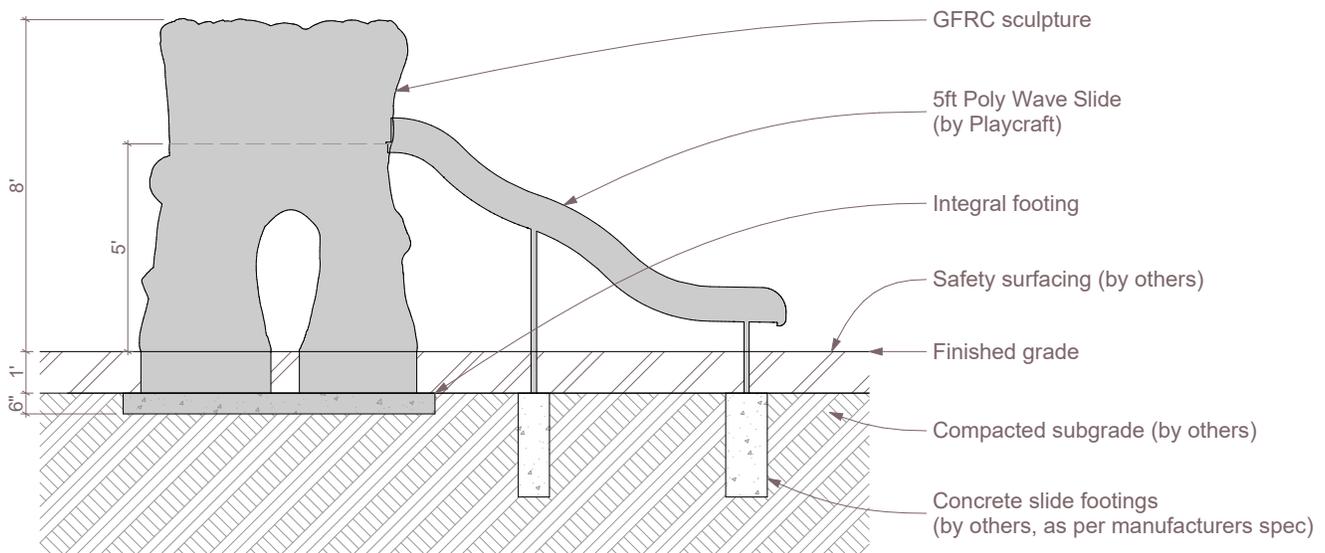
- 14' Lifting Straps: 4ct
- Lift: Reach Type Forklift or Skid Steer 8,000 lb Capacity
- 1/2" Quick Links: 4ct
- Wrench Set / Socket Set

Important Notes:

- *Warning: Installation over a hard surface such as asphalt, or packed earth may result in serious injury or death from falls.*
- *It is the responsibility of the installer to ensure all components are installed in compliance with ASTM F-1487.*
- *All site built footings should be allowed to cure for a minimum of 48 hours prior to installation.*



Typical Wedge Anchor Installation



Section

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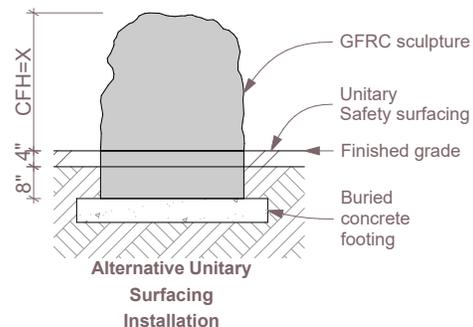
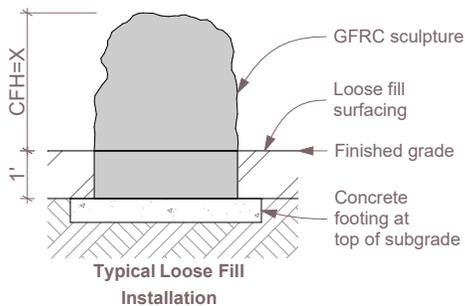
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PRE-INSTALL CHECKLIST

Please review prior to ordering and installing ID Sculpture products.

- 1. Verify that you have the recommended lifting equipment to unload and install your component, as specified by the installation instructions. Please check the installation instructions for the weight of each component and shipping dimensions.
- 2. Develop a proper plan to access the site and control access prior to opening.
- 3. Call your local utilities to locate any potential existing below grade equipment?
- 4. FOR ALL SCULPTURES: Verify you have accounted for adjustments to the footing depth based on your choice of safety surfacing material. Footing depth must be adjusted to compensate for the depth/thickness requirements of the selected safety surfacing (see diagrams below). Layout drawings show the uninstalled dimensions of the component. If you require a modification to a standard component, please notify ID Sculpture when placing your order. *Additional charges may apply.*



*Critical Fall Height (CFH)

- 5. Verify that you have installed any required footings prior to the arrival of your sculptures. Please note, footings should be allowed to cure for a minimum of 7 days.

Important Safety Note:

Please install and maintain adequate protective surfacing under and around your equipment. Never let children play on the equipment before protective surfacing is installed. Please consult ASTM F1487 for more information.

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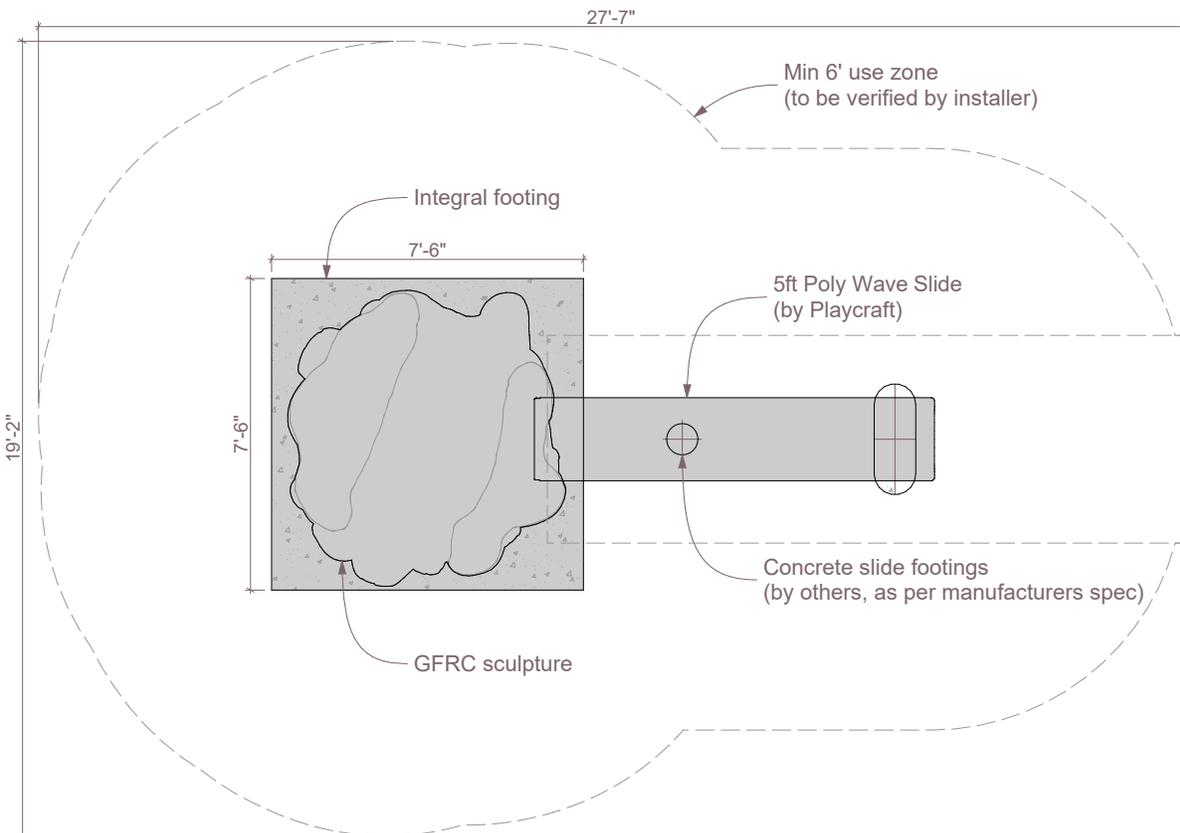
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Sculpture Installation:

1. Excavate the site below the top of subgrade as per the provided layout drawings.
2. Compact the subgrade beneath the sculpture, level using sand as necessary.
3. Make sure that heavy duty hoist rings are securely attached to the bolts protruding from the sides of the integral footing. Secure the lifting straps to heavy duty hoist rings using 5/8" shackles. Do not use lifting straps less than 12' in length. Contact and damage to sculpture may occur if shorter straps are used.
4. Lift the sculpture using an appropriate reach forklift or crane taking care to equalize the load on straps.
5. Set the sculpture in place and verify layout and all use zones as required by ASTM 1487.
6. Continue with slide installation next.



Plan

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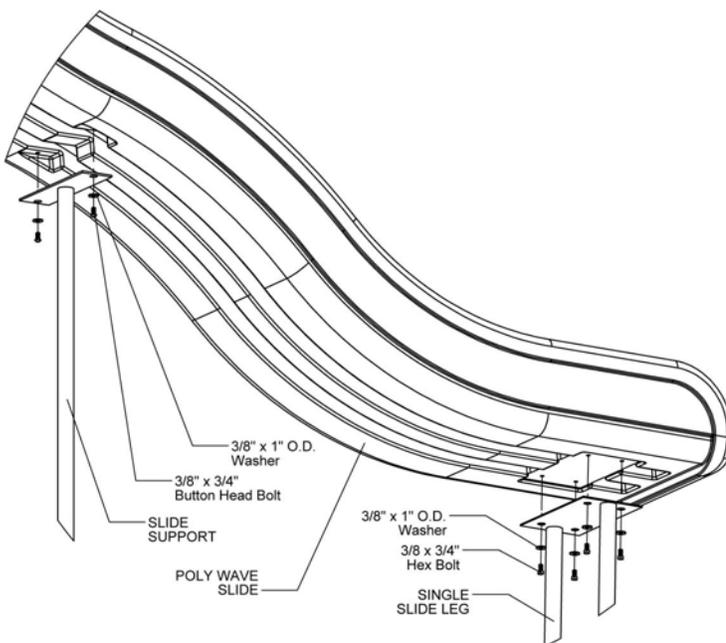
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Slide Installation:

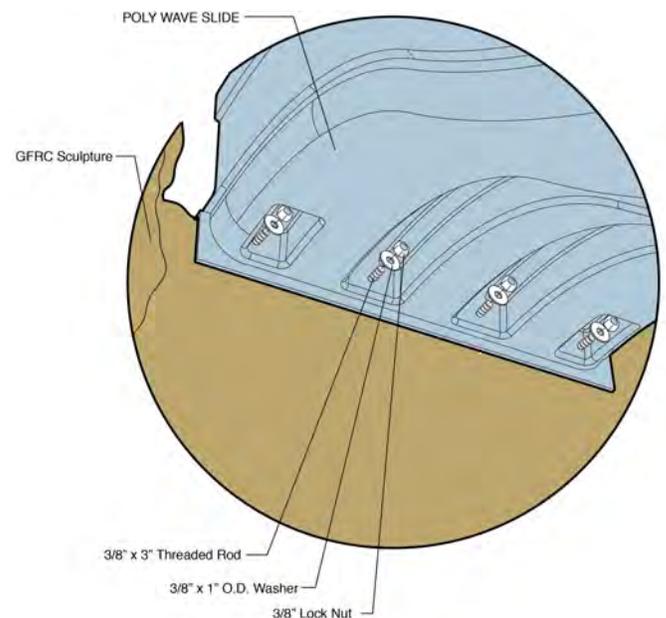
7. Locate and dig the footing holes based on the provided layout plan drawing.
8. Attach the slide support and single slide leg to the PolyWave Slide. Refer to provided manufacturers installation instructions for additional information.
9. Place the PolyWave Slide in the footing holes and dry fit to GFRC sculpture. Tug sculpture as necessary to fit footing holes. Adjust the footing depth with blocking to meet the required slide exit height.
10. Insert the provided threaded rod (4) into threaded inserts on sculpture. Secure slide on threaded rods with supplied lock nuts.
11. Verify all use zones as defined by ASTM 14.87. Tug GFRC sculpture and slide as necessary.
12. Fully tighten all fasteners on slide.
13. Install the provided plastic plugs in the holes located at the slide entry.

Sculpture Installation Continued:

14. Remove the heavy duty hoist rings from GFRC sculpture.
15. Pour concrete into footing holes for slide supports. Allow at least 72 hours to cure before using this equipment.
16. Install resilient surfacing material in accordance with layout guidelines, and ASTM standards.



Slide Support and Single Slide Leg



Slide to Sculpture Connection (similar)

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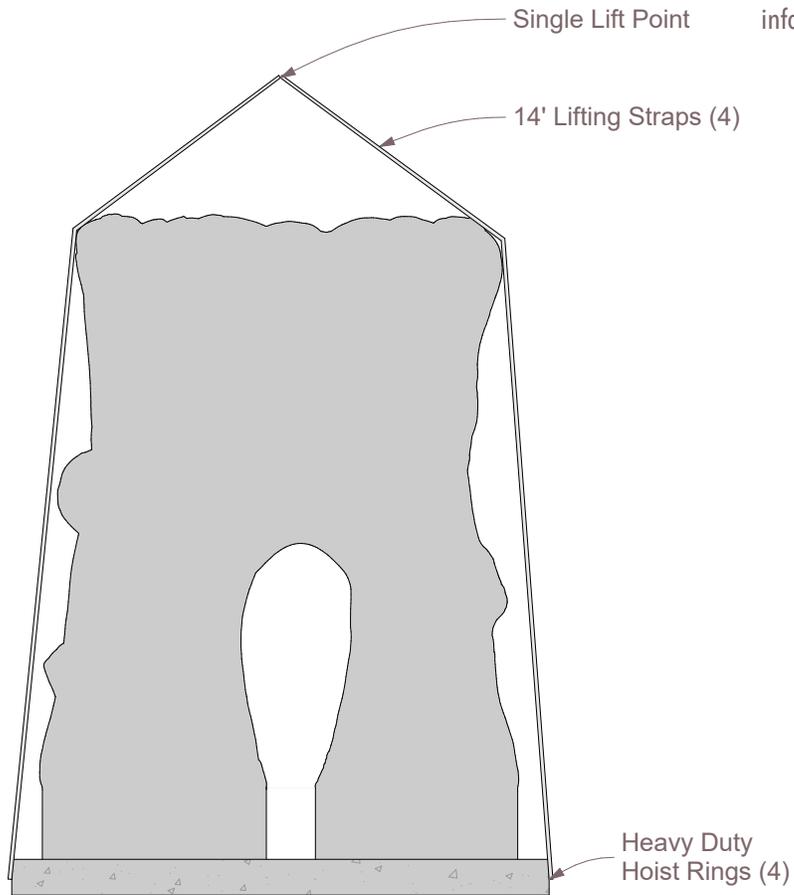
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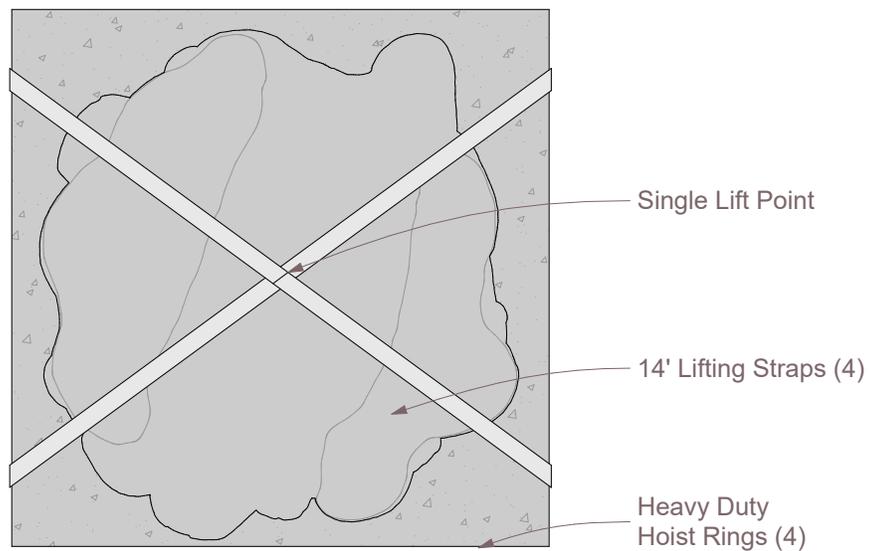
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Pick Diagram - Elevation



Pick Diagram - Plan