

Installation Instructions

Broken Ship Climber

Part # SC143



ID SCULPTURE

PLAY. CLIMB. EXPLORE.

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

Specifications: Broken Ship Climber

- Material: GFRC Concrete with Structural Foam
- Approximate Uninstalled Size: 14'-9" x 6'-9" x 9'-11"
- Approximate Weight: 11,000 Lbs
- Maximum Fall Height: 8'-7" (assumes 12" of protective surfacing)
- Age Group: 5-12 Years Old

Required Parts (included):

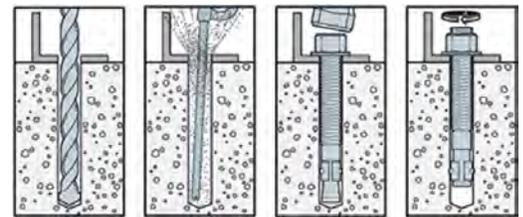
- Broken Ship Climber GFRC Sculpture
- 5ft Poly Wave Slide and Hardware
- Ramp Net
- 1/2" x 8-1/2" SS Wedge Anchor (Rope Anchors): 3ct
- Heavy Duty Hoist Rings: 4ct
- "Broken Ship Climber" Drawing Set

Recommended Equipment (not included):

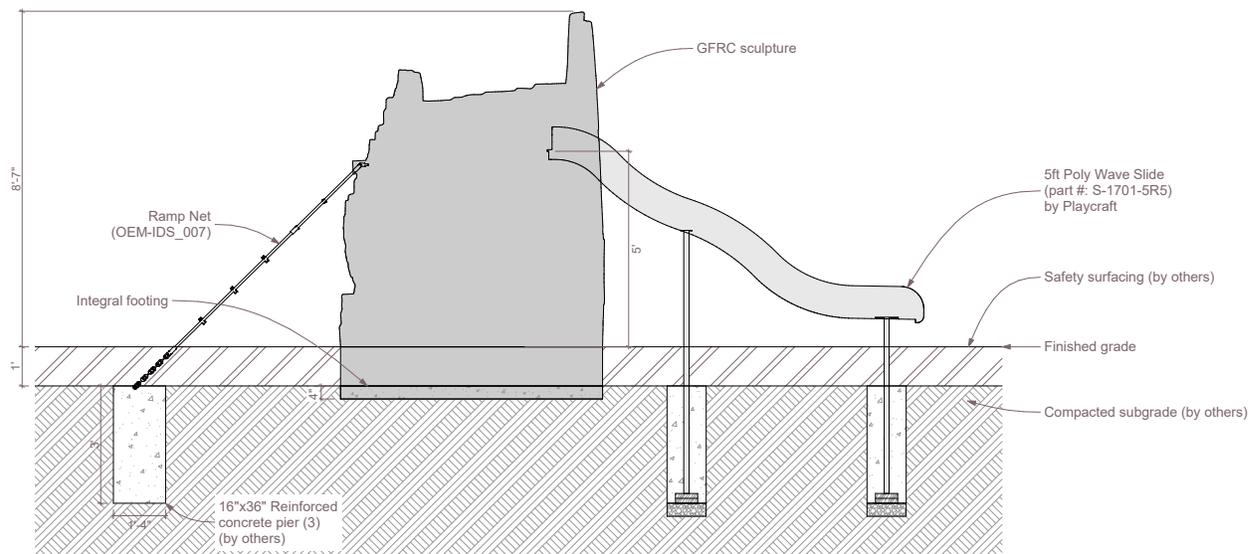
- Hammer Drill
- 1/2" x 10" Concrete Drill Bit
- Air Compressor with Blow Tube
- Hole Brush
- 15/16" Wrench
- 3/4" Wrench
- Air Compressor
- Grinder w/ Cutoff Wheel or Hack Saw
- 14' Lifting Straps: 4ct
- 5/8" Shackles: 4ct
- Large Adjustable Crescent Wrench
- Lift: Reach Type Forklift 12,000lb Capacity, Skid Steer or Crane
- 10ft Spreader Bar

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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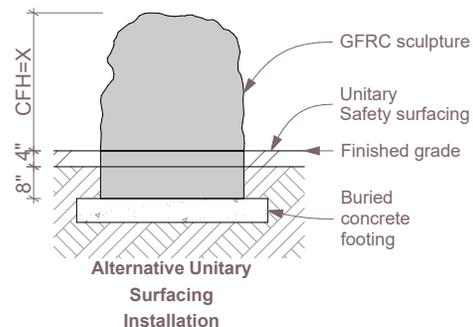
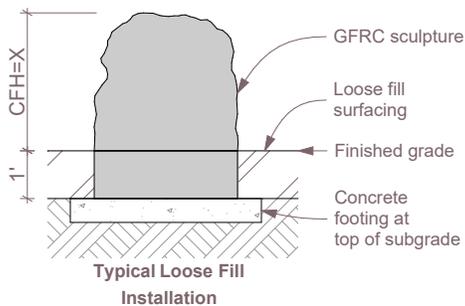
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PRE-INSTALL CHECKLIST

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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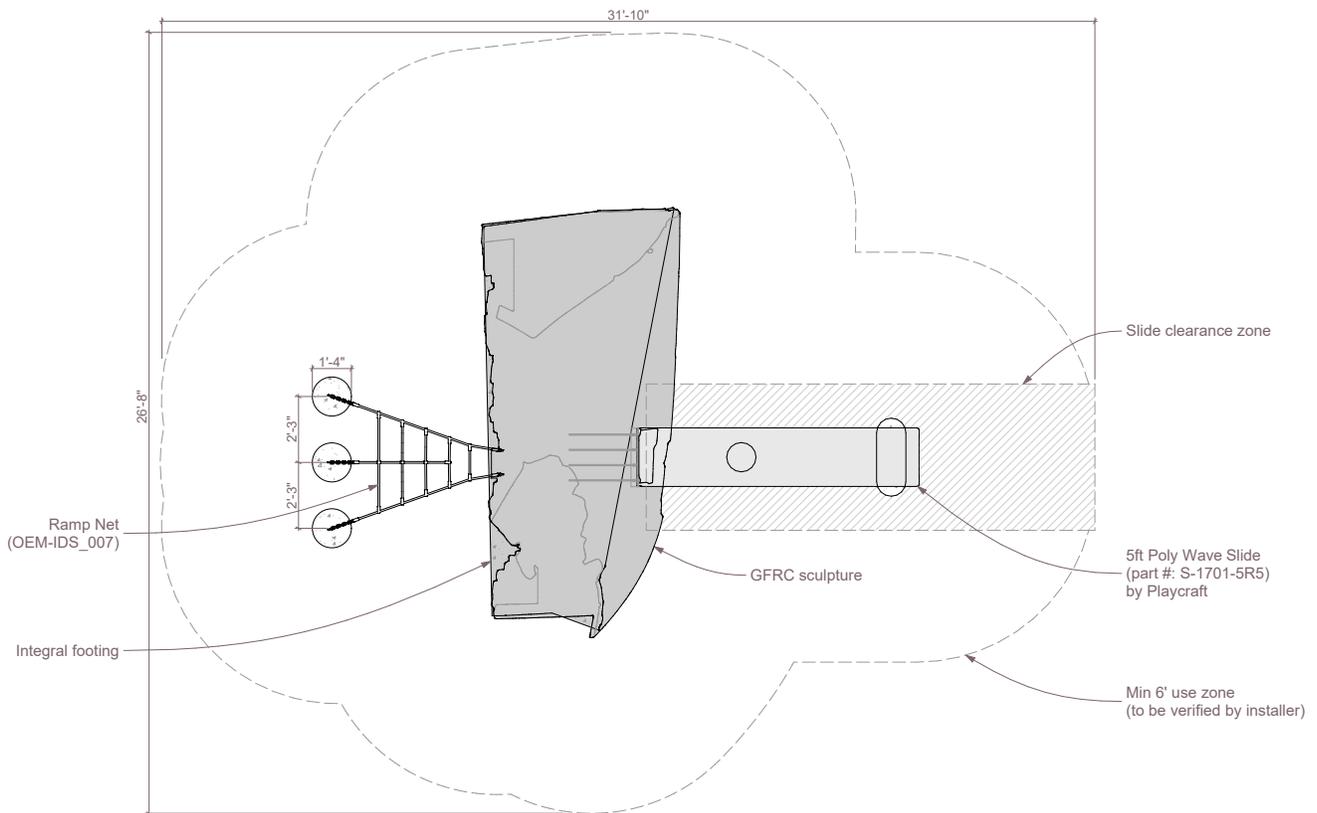
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Sculpture Installation:

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 the 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 the 5/8" shackles and connect to spreader bar. Refer to pick diagram on Page 6.
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. Remove the heavy duty hoist rings.
7. Backfill so the subgrade is level with the top of the integral footing and compact as necessary.
8. Install Ramp Net. (Refer to Page 4 "Net Installation")



Plan

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Net Installation

9. Locate and construct the footers based on the provided layout drawing.
10. Connect net to GRFC sculpture with provided igloo rope connector & connection pin.
11. Locate the chain connection points by pulling chain in line with the net and mark holes. Remove excess chain links as necessary.
12. Drill and clean holes (3) with a 1/2" hammer drill bit in the marked locations on the footer to a minimum depth of 7".
13. Secure the supplied 1/2" x 8-1/2" SS wedge anchors (3) leaving 1-1/2" of thread exposed above footing.
14. Connect chain to the wedge anchor following the detail below. Remove excess chain links as necessary using angle grinder. Trim anchor stud flush with top of nut.
15. Proceed with 5ft PolyWave Slide installation.

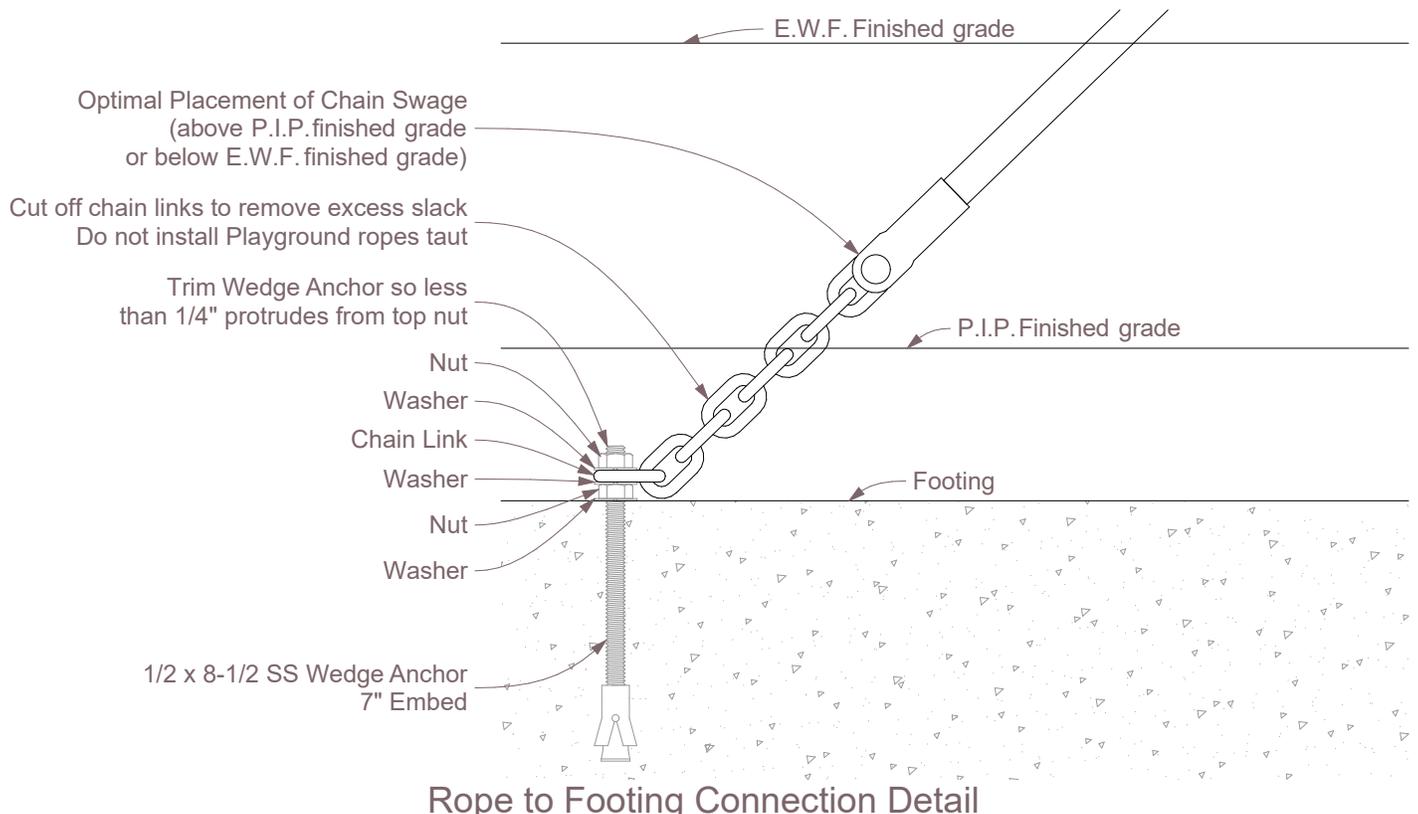
*****Never install any rope component taut, some slack should be present.*****



Female Threaded Connection



Rope Connection Detail



Rope to Footing Connection Detail

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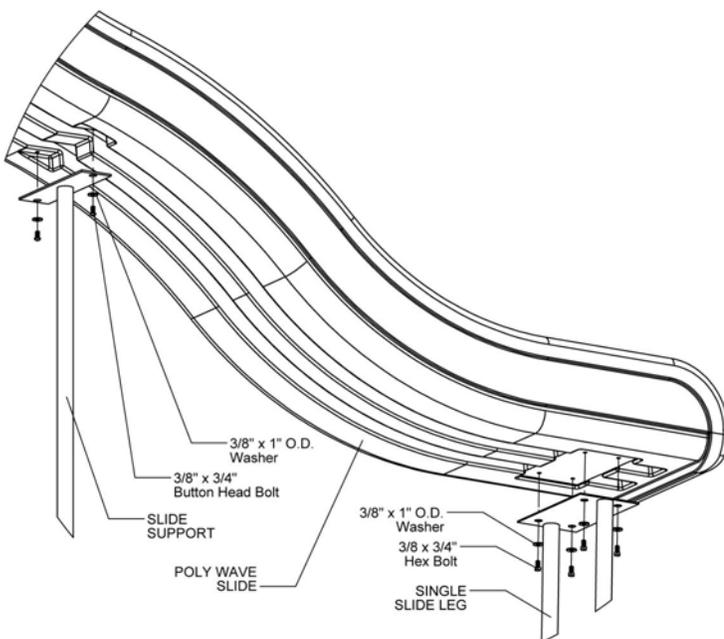
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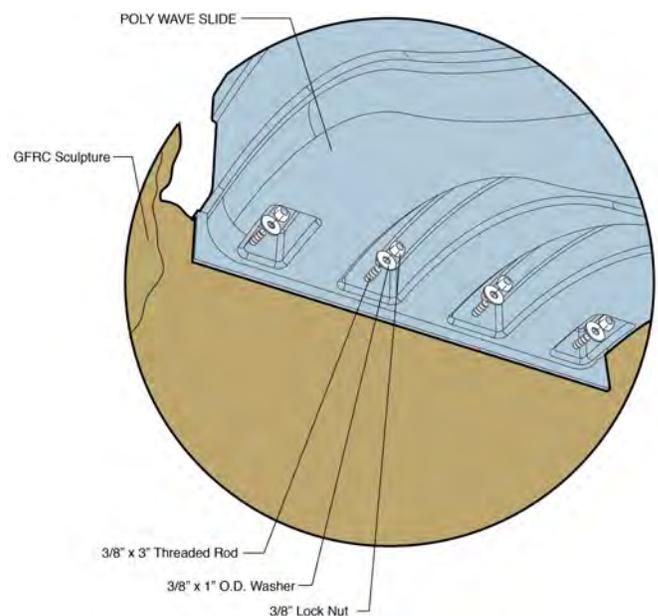
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5ft Poly Wave Slide Installation:

16. Locate and dig the footing holes based on the provided layout plan drawing.
17. Attach the slide support and single slide leg to the PolyWave Slide.
18. Place the PolyWave Slide in the footing holes and dry fit to GFRG sculpture. Adjust the footing depth with blocking to meet the required slide exit height.
19. Insert provided slide connection hardware into slide and into GFRG sculpture connection plate. Verify all use zones as defined by ASTM 1487.
20. Fully tighten all fasteners on slide.
21. Pour concrete into footing holes. Allow at least 72 hours to cure before using this equipment.
22. 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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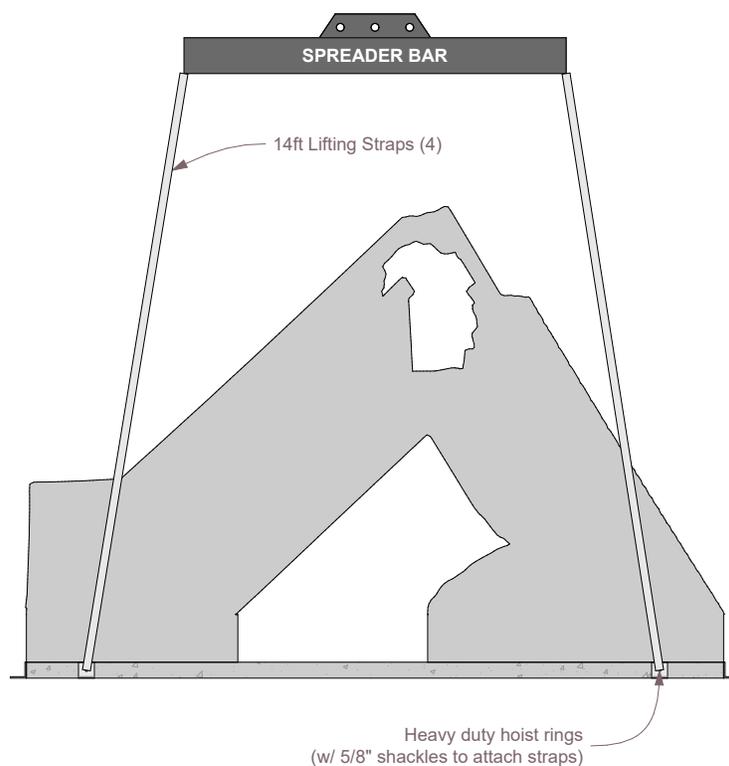
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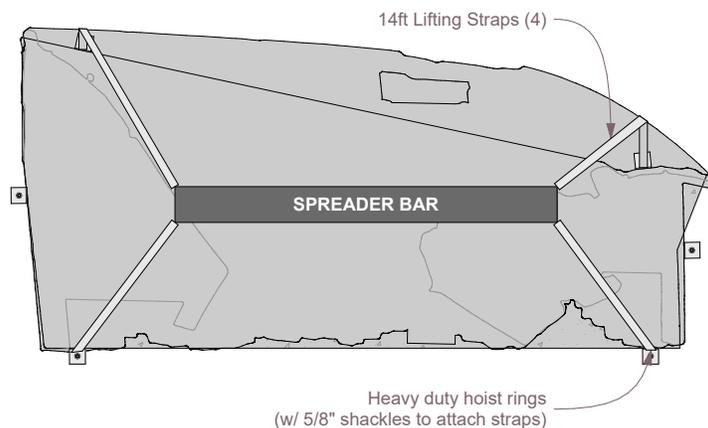
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Pick Diagram - Elevation



Pick Diagram - Plan