

Installation Instructions

Stepping Forms

Part # SF002



ID SCULPTURE

PLAY. CLIMB. EXPLORE.

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

Specifications: Stepping Forms

- Material: GFRC Concrete
- Approximate Size: DIA= 10", 18", 28" x 30" Tall
- Approximate Weight: 250 lbs, 650 lbs, 1,400 lbs
- Maximum Fall Height: 18"
- Age Group: 2-12 Years Old

Required Parts (included):

- Stepping Forms GFRC Sculptures
- 1/2" x 12" J Bolt / Lock Nut and Washer: 1 ct
- "Stepping Forms" Drawing Set

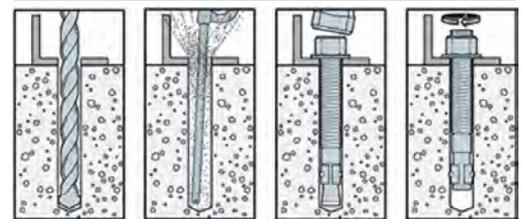
Recommended Equipment (not included):

- Bobcat W 12" Auger and Forks
- .073 YDS of Concrete (3.26 - 80lb Bags) Per Unit
- Concrete Mixer
- 10' Lifting Straps: 2ct
- Adjustable Crescent Wrench



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

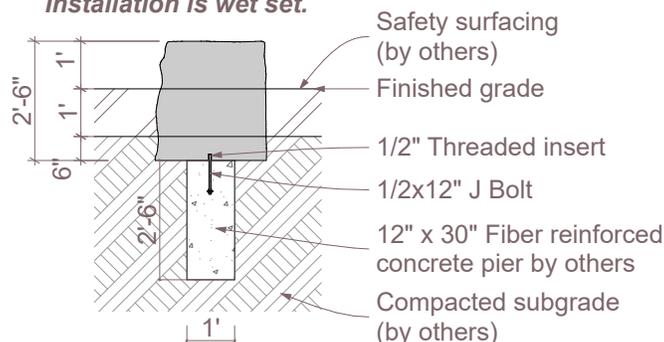
Installation Note: Max Fall Height above TPS:

2-5: 20"

5-12: 30"

Installation Note: Finished height of stepping forms may be varied by lowering concrete footing.

Installation is wet set.



Note:

When determining critical fall height, please allow for +/- 2" tolerance in concrete surface

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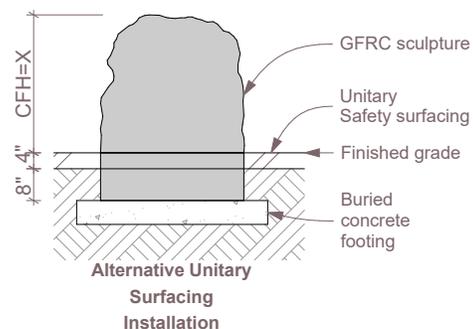
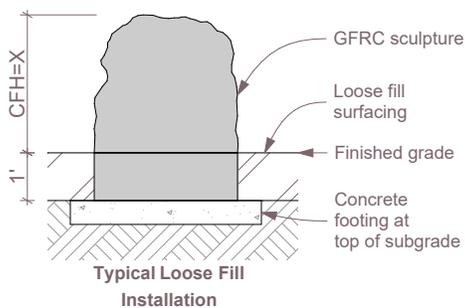
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PRE-INSTALL CHECKLIST

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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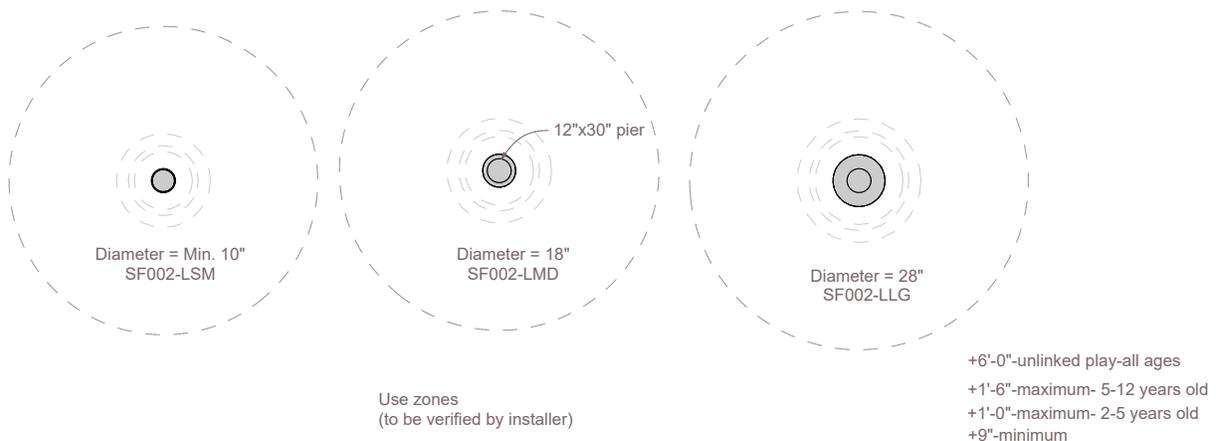
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Sculpture Installation:

1. Locate the center points of concrete piers (by others) based on layout plan drawing. Please refer to ASTM 1487 for layout guidelines.
2. Dig holes with 12" auger (or posthole digger) to a 30" depth.
3. Fill holes with concrete.
4. With the stepping forms on their side or hanging from straps, insert the 1/2" x 12" J bolt into the threaded insert centered in the base of the stepping form, tighten the lock nut.
5. Attach 2 lifting straps securely wrapped as a "choke" around the middle of the stepping form at each side, lift, carry and place stepping form with J bolt attached, into wet concrete pier. Note: for small and medium stepping forms the use of a hand truck or dolly with 2 workers can be sufficient.
6. Note: it is the responsibility of the installer to verify compliance of use zones as required by ASTM 1487.
7. Install resilient surfacing material in accordance with layout guidelines, and ASTM standards.



Plan