

# Installation Instructions

## Kalispell Boulder

Part # PB008



**ID SCULPTURE**

PLAY. CLIMB. EXPLORE.

591 South Boulevard Street  
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### Specifications: Kalispell Boulder

- Material: GFRC Concrete with Structural Foam
- Approximate uninstalled Size: 11'-10" x 7'-11" x 11'-5" Tall
- Approximate Weight: 8000 Lbs
- Maximum fall height: 10'-1" (with 1' of safety surfacing)
- Age group: 5-12 years old

### Required Parts (included):

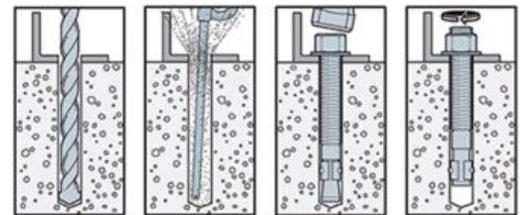
- Kalispell Boulder GFRC sculpture
- 1" lifting studs: 2ct
- 3/4" X 8 1/2" SS Wedge Anchor: 12ct
- Pick point plugs: 2ct
- Epoxy cup
- Non-shrink grout (50lb bag): 12ct
- "Kalispell Boulder" drawing set

### Recommended Equipment (not included):

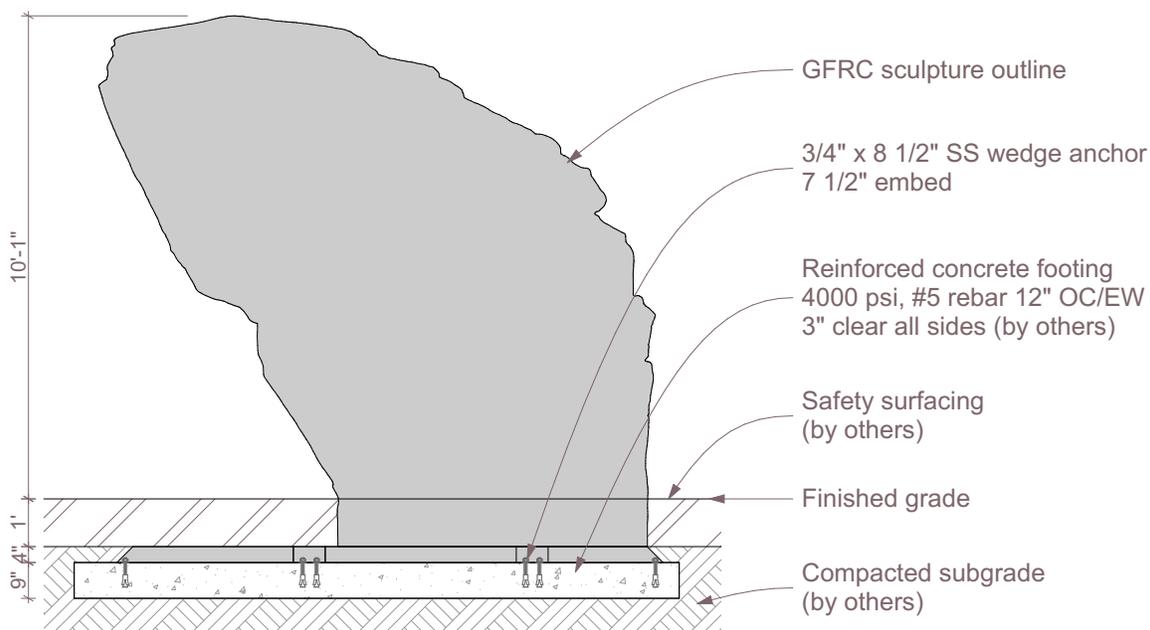
- Hammer Drill
- 3/4" x 10" Concrete Drill Bit
- Air Compressor
- Hammer
- 15/16" Wrench
- 6' Lifting Straps: 2ct
- Large Adjustable Crescent Wrench
- Lift: Reach Type Forklift 12000lb Capacity or Crane
- 10' Spreader Bar

### 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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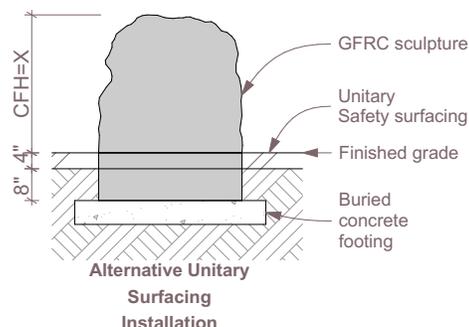
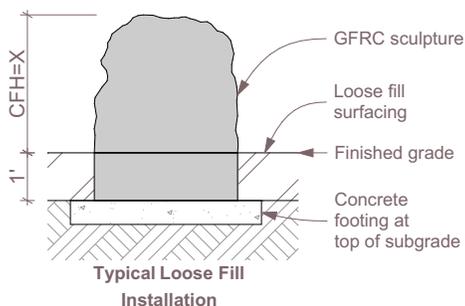


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### PRE-INSTALL CHECKLIST

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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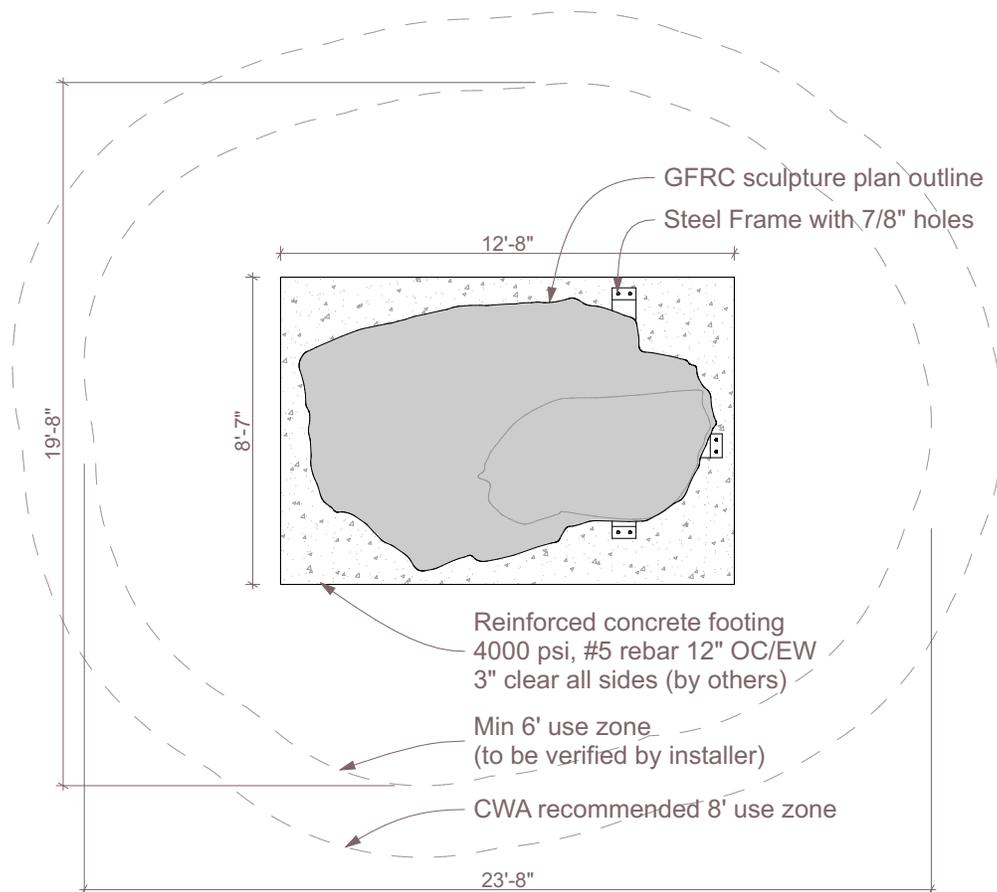
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### Sculpture Installation:

1. Locate and construct the footer based on the provided layout plan drawing. Allow 48-hour minimum cure time for poured concrete footings.
2. Make sure that the lifting studs and lifting eyes (2) are threaded a minimum of 10 full turns into pick point(s) at the top of the Product.
3. Attach the lift to the lifting studs located on the top of the piece, refer to pick diagram for hardware configuration.
4. Lift the sculpture using an appropriate reach forklift or crane taking care to equalize the load on straps / chains.
5. Set the piece in place on the footing based on the provided layout plan drawing. Verify all use zones as defined by ASTM 1487 before drilling anchor holes.
6. Drill through the holes in the mounting brackets with the appropriate hammer drill bit to a minimum depth noted in the layout plan drawing, clean holes with compressed air and brush.
7. Install the wedge anchors with hammer and tighten with wrench.
8. Remove the lifting studs and install the pick point plugs using the epoxy cup included.
9. Mix non-shrink grout with water to a peanut butter consistency. Fill space between the top of concrete footing and bottom of GFRG sculpture with grout. Allow at least 24 hours for grout to dry before using sculpture.
10. Install resilient surfacing material in accordance with layout guidelines, and ASTM standards.



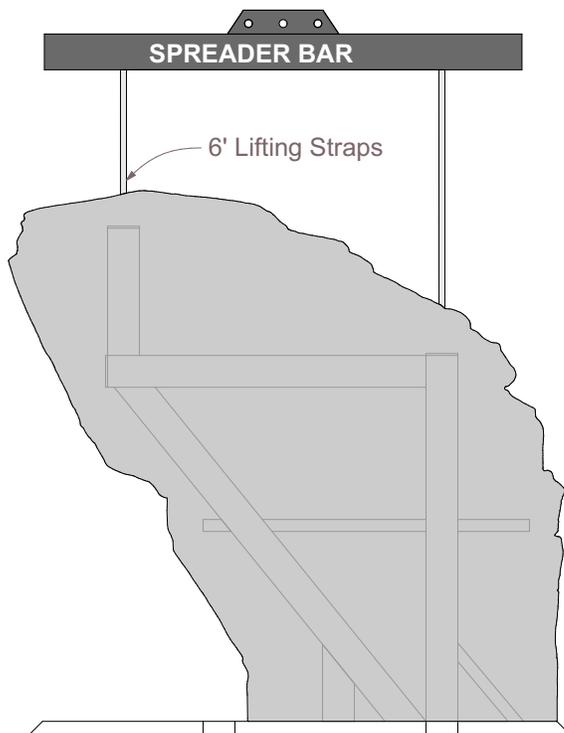
Plan

# Installation Instructions

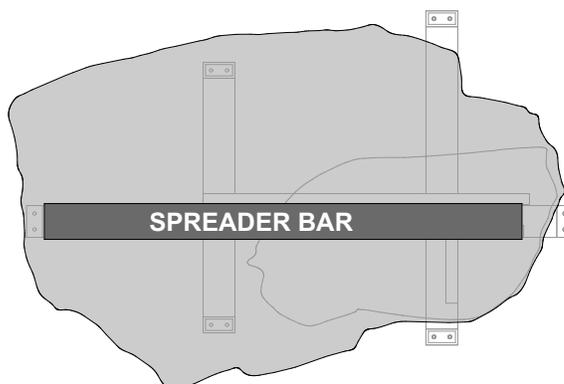
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Rigging\_Section



Rigging\_Plan