

BOULDER INSTALLATION



GROUND PREPARATION

Choose the best location and excavate the area to accept the boulder, drainage, and fall protection material. Refer to industry approved fall protection surface requirements.

For the most efficient installation, it is wise to have this portion of the project complete prior to the rock arriving to the site. It will eliminate having to move the rock a second time.

There are several pieces of equipment that can be used to unload and set the rock into position i.e., forklift with extension forks or a local sign crane with a spreader bar.

The rock comes with two eyebolts threaded into lifting anchors at the top of the rock. Use these two eyebolts to unload and set the rock.

Determine the position of the rock in the prepared ground area and rake the sand with a garden rake.

Set the rock in place, move accordingly to desired final orientation.

Trace the outlined of the rock into the sand with the handle of the rake.

Raise the rock and set it to the side. Tie the rebar inside the traced area.

PLACING THE CONCRETE

The concrete footing slab can either be tailgated or pumped, which ever is most efficient in your installation.

Pour the concrete 4in. to 6in. outside the traced line in the sand. Concrete should be a minimum of 6in. thick.

Reset the rock back into its position in the fresh wet concrete. The preset anchor bolts in the rock will be embedded in the wet concrete. Remove eye bolts while unhooking straps from crane, before concrete starts to set.

When the concrete has tightened up (but not hard), use a flat point shovel and cut the remaining concrete off the outside of the rock and discard.

Allow the concrete to harden at least 72 hours prior to installing hand holds and climbing

HANDHOLD INSTALLATION

The placement of the handhold has several functions.

The degree of difficulty in the climbing experience directly related to how close the handhold are placed. The closer the hold are together, the easier it will be for younger climbers.

Keep handholds snug at all times.

Park Pets & Boulders

BOULDER INSTALLATION DIAGRAM

BOULDER SHELL

(NTS)

Minimum 12" deep layer of engineered woodchips or equal industry approved fall protection material

Filter fabric top and bottom of 3in. to 4in. layer of 3/4in. crushed rock

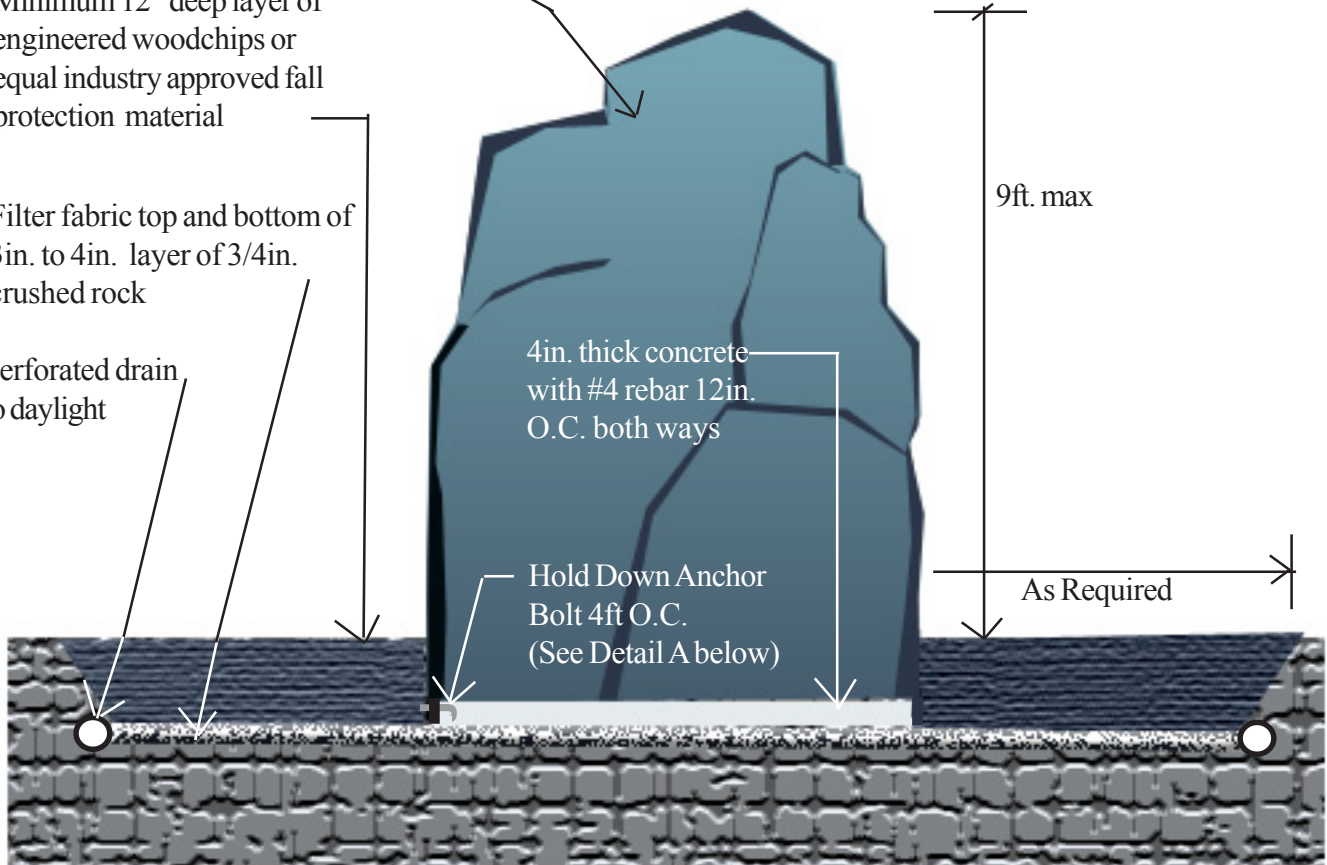
Perforated drain to daylight

4in. thick concrete with #4 rebar 12in. O.C. both ways

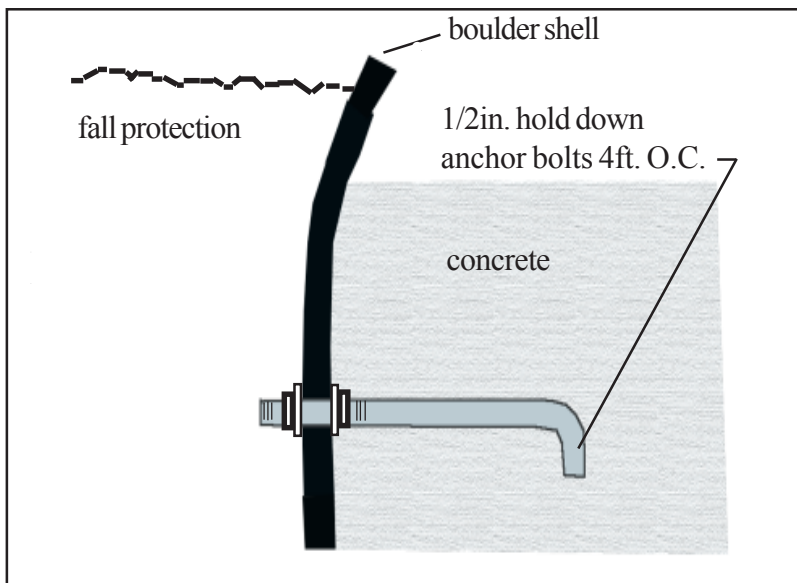
Hold Down Anchor Bolt 4ft O.C. (See Detail A below)

9ft. max

As Required



DETAIL A - HOLD DOWN ANCHOR BOLT DETAIL



ALL BOULDERS MUST BE INSTALLED WITH RESILIENT "SAFETY" SURFACING APPROPRIATE TO THE SAFETY GUIDELINES OF YOUR CITY, COUNTY, STATE, OR COUNTRY.



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