

Bedrock Climbing Wall

Parts Required: Refer to Suggested Parts List on last page. Hardware & Pipe may be provided by the installer or is available from SPI Industries.

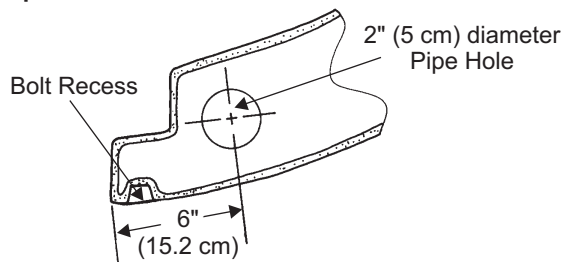
Step 1 —

Align the *Wall Panels* on the ground in the desired layout. Ensure that all *Bolt Recesses* are facing the proper direction.

Fit *Wall Panels* together and drill holes through the *Bolt Recesses*.

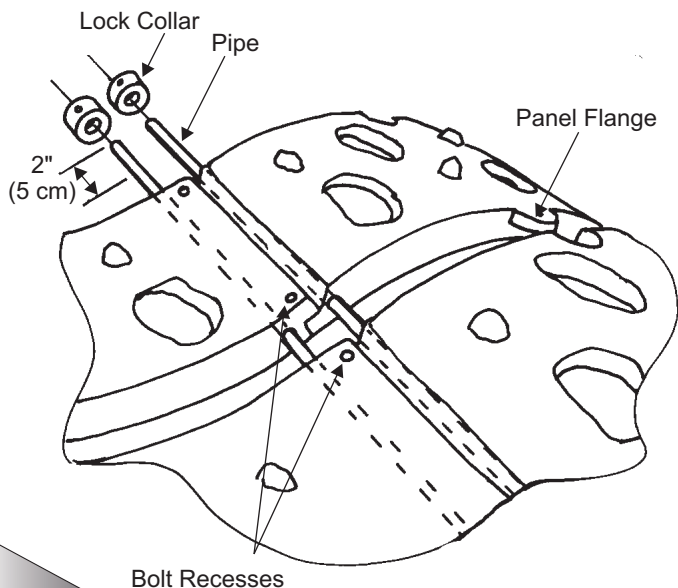
Drill 2" (5 cm) *Pipe Holes* 6" (15.2 cm) from each end through the top and bottom of each *Panel*.

Top View of Wall Panel



Step 2 —

Slide the pipe through the *Pipe Holes* (two pipes/panel). Leave an excess of approximately 2" (5 cm) of pipe at the top for *Lock Collars*.

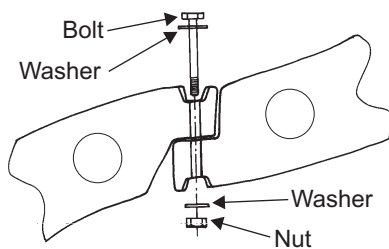


Step 2 — Continued

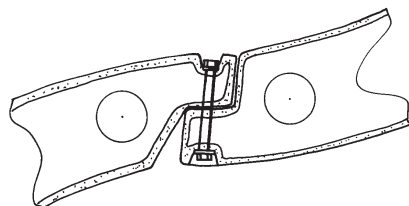
Position *Wall Panel* sections and joints as tight together as possible ensuring there are no gaps.

Bolt the *Panels* together using 5" long by 3/8" bolts with a washer under each bolt head and nut.

Top View of Wall Panels



Top View of Joined Wall Panels



Slide *Lock Collars* over both the top and bottom ends of the pipe and lock against the *Wall Panels*.

Note: The *Wall Panels* are shown on their side for assembly purposes.

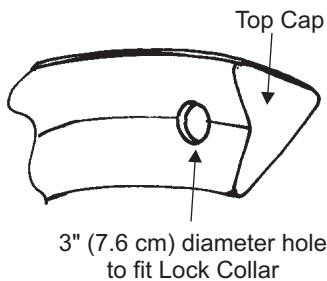


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Step 3 —

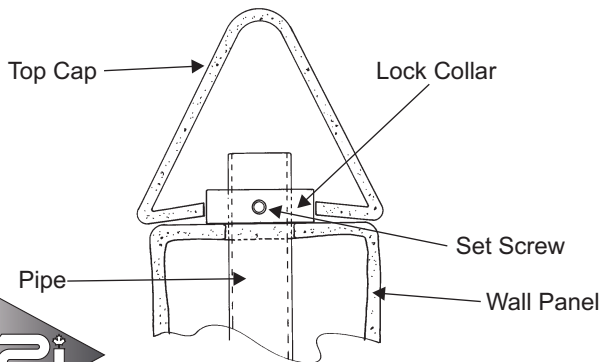
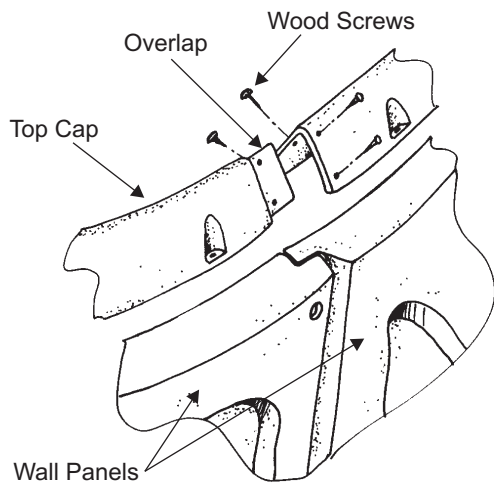
Position the *Top Caps* over the *Wall Panels* and mark the locations for the Lock Collar holes.

Use a 3" (7.6 cm) diameter hole saw to drill holes through bottom of *Top Caps*.



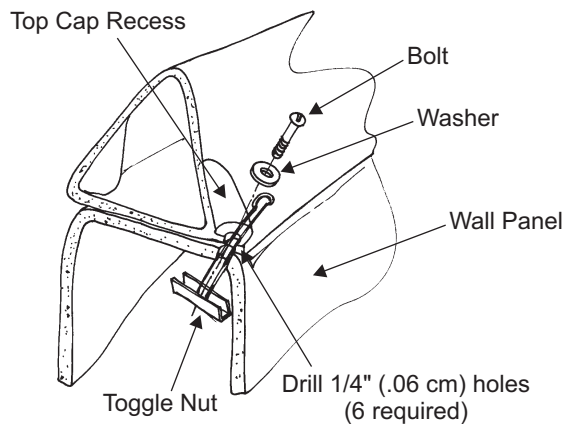
Step 4 —

Re-position *Top Caps* over *Lock Collars*. Cut out the end of joining *Top Caps* for overlapping. Do not screw tight at this point.



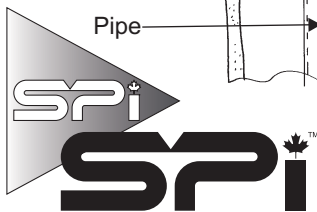
Step 5 —

Drill a 1/4" (0.6 cm) diameter hole through *Top Cap Recesses* and *Wall Panels*. Using 1/4" *Toggle Nuts* and *Bolts*, secure *Top Caps* to *Wall Panels*.



Fasten *Top Cap Overlaps* using *Wood Screws*, as previously shown in **Step 4**.

Installation Instructions



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Step 6 —

Tighten all fasteners. Mark and dig necessary footings.

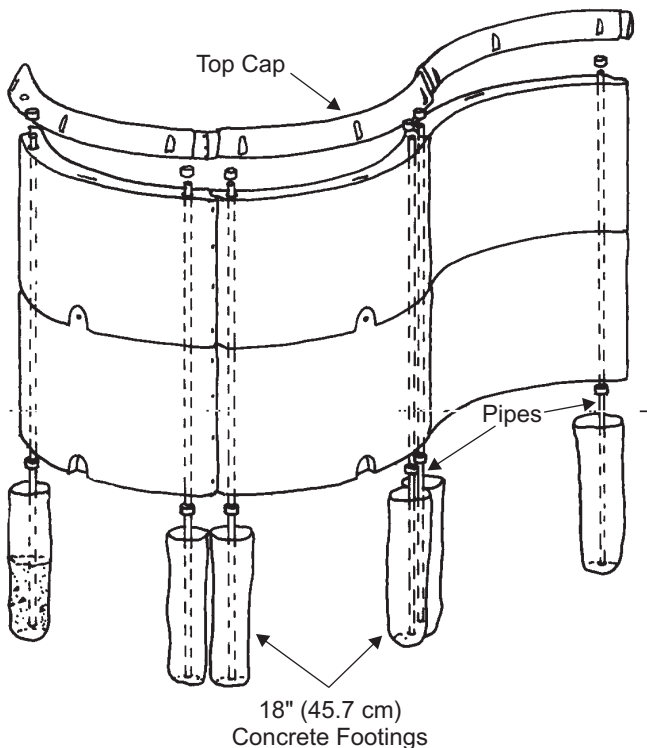
Raise Bedrock Climbing Wall into footings and level the structure.

Pour concrete to a minimum of depth 18" (45.72 cm).

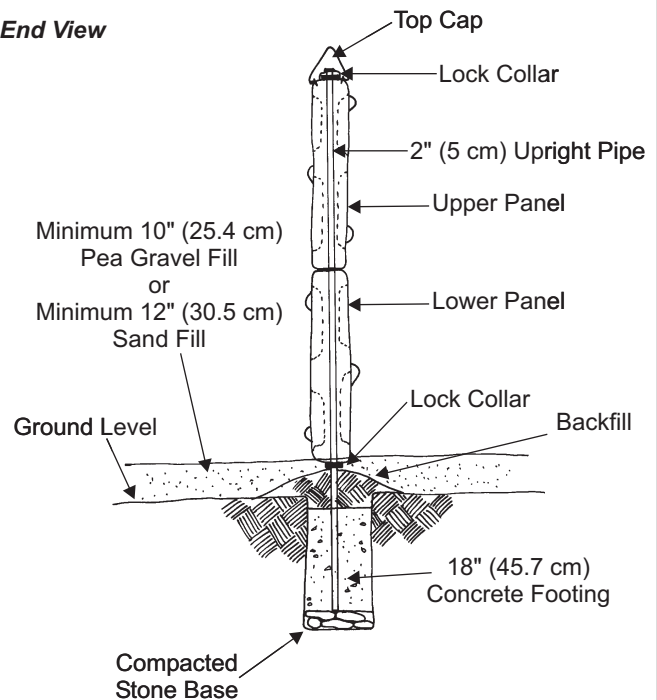
Note: Footings may vary depending on depth and soil conditions.

Backfill all holes.

Side View



End View



Note: The base of the structure must have a recommended minimum depth of 10" (25.4 cm) of Pea Gravel or 12" (30.5 cm) of Sand as a "loose fill". This base should extend 6' (1.8 m) past the structure in all directions. This will create a safety area to ensure the safe use of the Bedrock Climbing Wall. The Bedrock Climbing Wall complies with Canadian CSA Standards (CAN/CSA-Z614-98) as well as American ASTM Standards (ASTM-F-1292).

Note: These recommended minimum depths are to be used in all Bedrock Climbing Wall Installations.



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