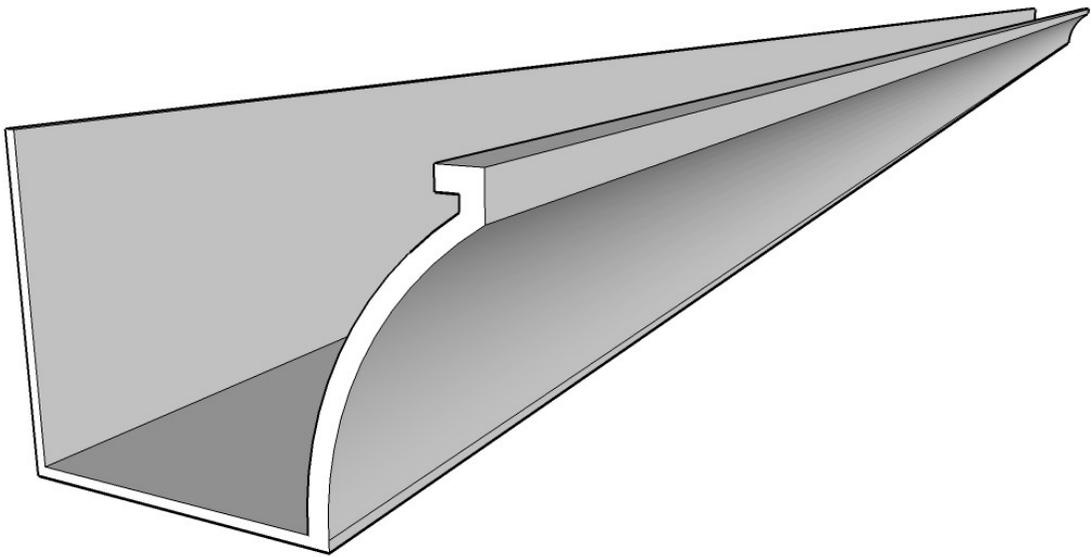


CCC Project Manual

GUTTERS

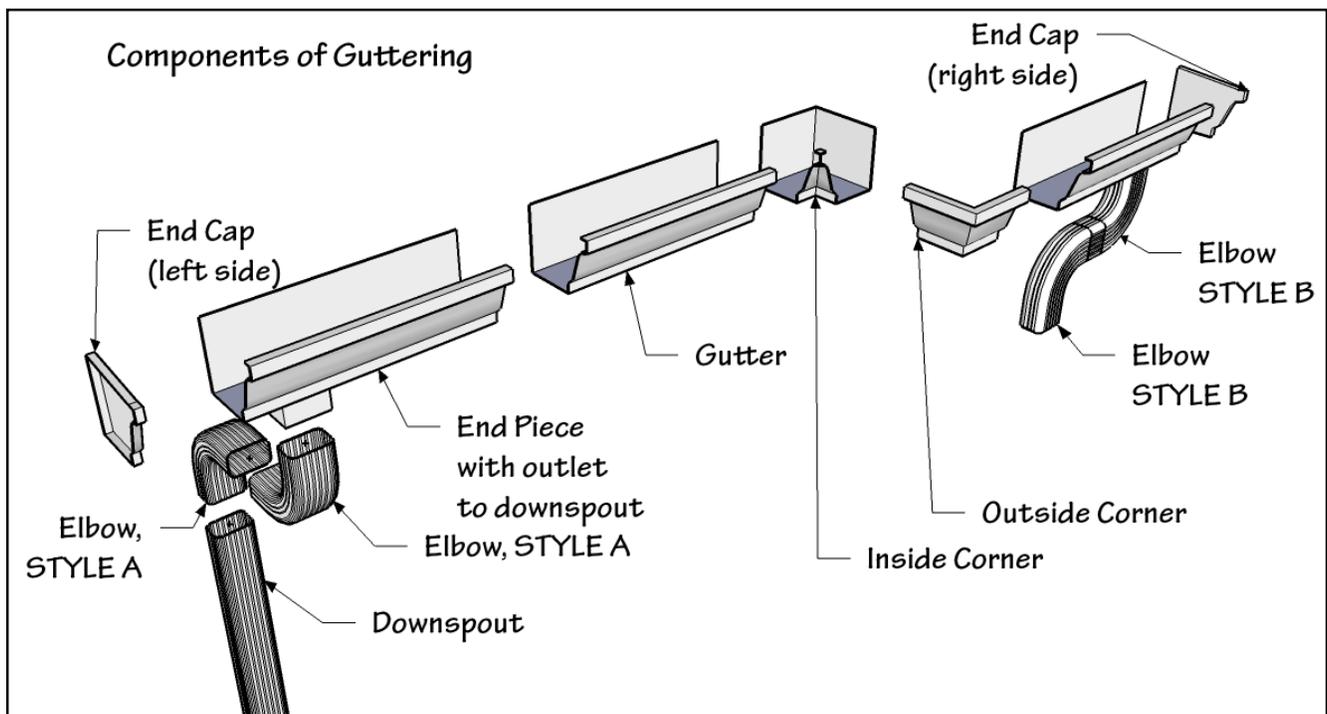


Project Components & How-To's

Gutters

Gutter Components

- Gutter: Long metal trough that channels water away from the roof and home. Comes in 10' lengths.
- Slip Joint Connector: A connector used to connect any joints of guttering. (not pictured)
- End Caps: These are used to cap off the ends of gutters. There are two different end caps for both the left and right ends of a gutter. Make sure you get the correct cap for the correct end!
- End Gutter Piece: A specialized gutter trough with an opening where the downspout will go.
- Outside Corner: A trough with a 90° angle, used for an “outside turn” in the gutter system.
- Inside Corner: A trough with a 90° angle, used for an “inside turn” in the gutter system.
- Fascia Bracket: A bracket used to hold gutter to the fascia board. (not pictured)
- Spikes & Sleeves: Used to hold gutter to the house. (not pictured)
- Hanger/Strap: Connects to the roof, underneath shingles, to hold the gutter. For our purposes, try to avoid using these, in favor of spikes/sleeves. (not pictured)
- Downspout: The pipe that channels water from the gutter towards the ground. Comes in 10' lengths.
- Elbow, STYLE A: Used to divert downspout inward or outward from the wall. Usually use two of these to connect the gutter to the downspout.
- Elbow, STYLE B: Used to diver downspout to the left or right along the wall. In most cases, you won't need style B elbows.
- Downspout Connector: Used to secure the downspout to the siding of the home. (not pictured)
- Shoe: An elbow used at the bottom of the downspout to direct water away from the foundation of the home. (not pictured)



Tips for Guttering

Guttering should be attached on a very slight slope, so that water will flow downhill. Whenever possible, guttering should be allowed a 1" drop for every 16' feet of gutter length. Use a chalk line against the fascia board to help establish a sloped line. It's important to ensure that water is diverted away from the foundation of the house when guttering. If water is allowed to collect, it could do damage to the foundation of the home. Once installed, run water on the roof, down to gutters, to ensure that water is traveling as it should.