

TRIDENT

CURBSCREENS

TRIDENT CurbScreens are simple and inexpensively keep trash and debris out of the Storm Drains and out of the water ways

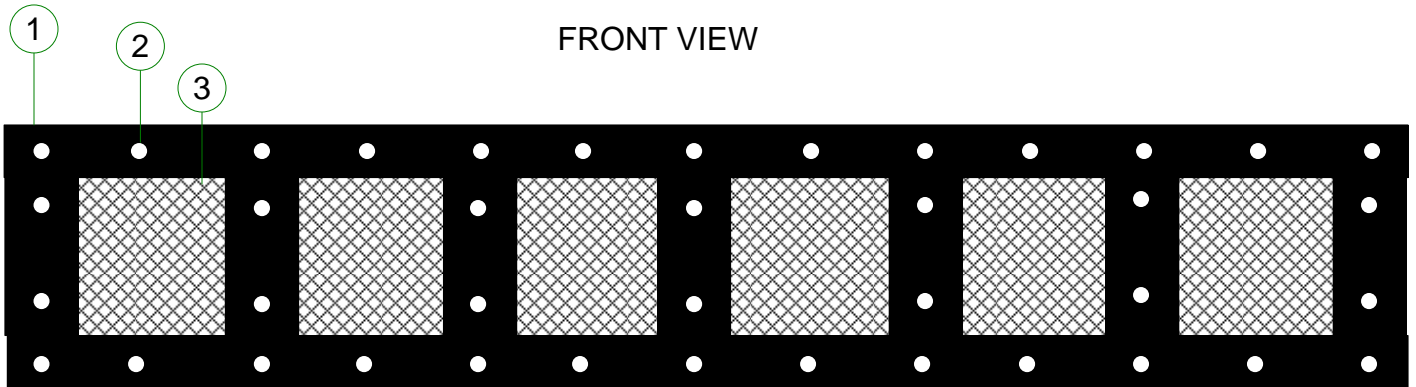
Trident CurbScreens are SABRC certified to be up to 90+% post Consumer HDPE. In addition, TRIDENT CurbScreens are easily recyclable as they are made of 100% plastic. This is the first 100% plastic durable CurbScreen. Even the fasteners and basic mounting binders are all plastic.



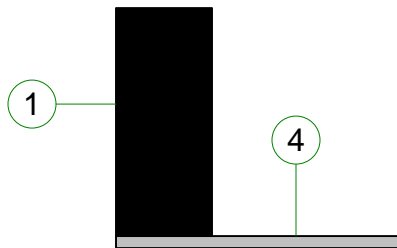
- 1 Structural Frame** – Made of up to 90+% POST CONSUMER HDPE with UV inhibitor. The structural frame is warranted that properly utilized the frame will not rot, splinter, decay or suffer structural damage directly from termites or fungal decay under normal use for a period of (50) years from the date of purchase (the “Warranty Period”). The frames come in standard 48" lengths and 6" or 4" standard heights. The frames can be cut to fit in the field with no special tools.
- 2 Frame Fasteners** – All made of plastic. The resins are specially engineered for strength and made of 25% post manufacturing waste.
- 3 Screen** – The mesh is also HDPE and engineered to last years in salt water. The standard Plastic screen mesh is ½" square but a variety openings are available from 1/8" – 1-¼" both square and diamond openings.
- 4 Gasket** - Mounted on the bottom is a plastic non woven fabric made of polypropylene. We install the gasket for (3) main reasons (a) the gasket helps keep sediment from going past the curb screen into the drain. It is extra long so it can be doubled over and fill holes and cracks in the concrete gutter. (b) The gasket also helps wick water under the frame that otherwise stand in front of the screen until the water becomes high enough to pass over the bottom of the frame. (c) The gasket also holds many times its weight in road oils to keep them from going down the storm drain.
- 5 Gasket Staples** – All made of plastic. The resins are specially engineered for strength and made of 25% post manufacturing waste.

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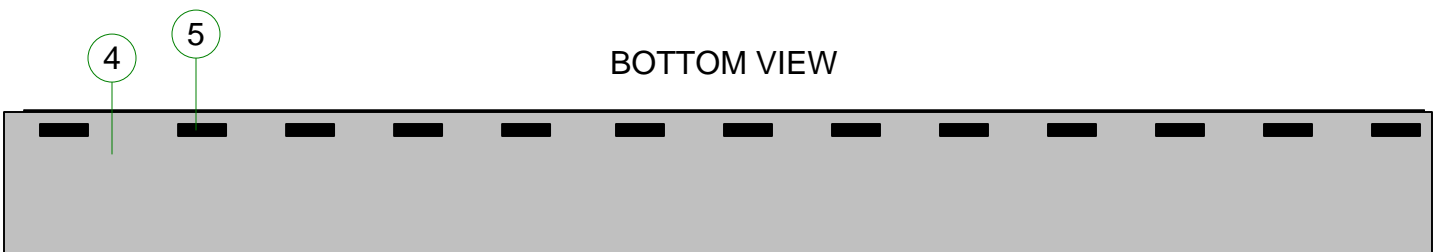
CONSTRUCTION DETAIL



SIDE VIEW



BOTTOM VIEW



TOP VIEW

