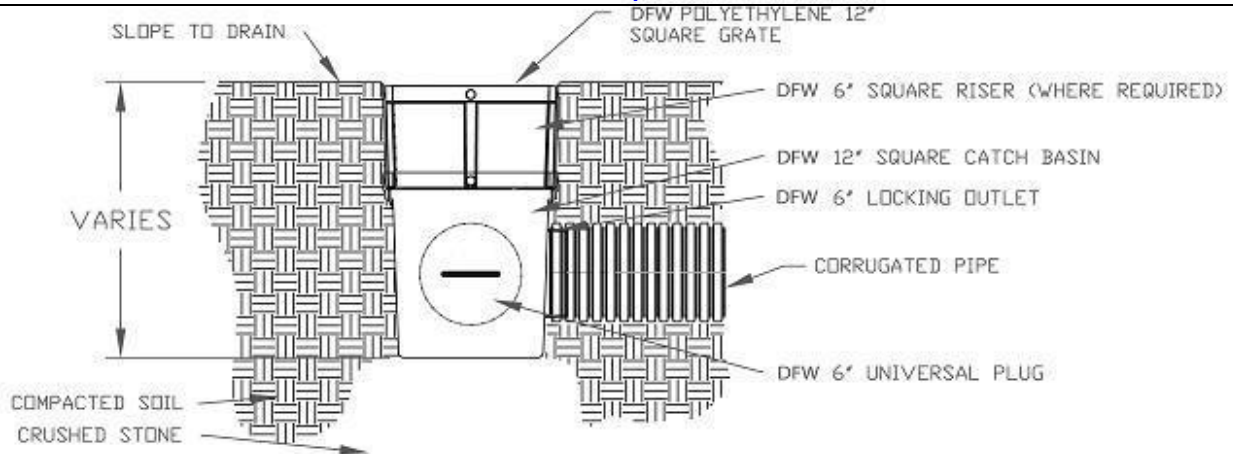


DFW

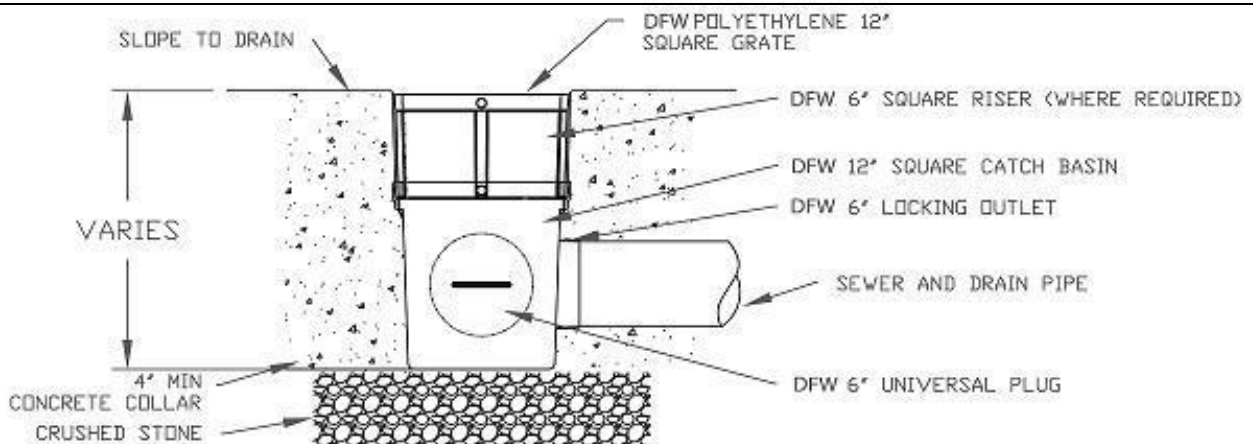
Drainage Catch Basin Kit Installation Guide

- 1.) After determining the drainage plan for your installation, dig a hole big enough to hold the basin with the connectors installed.
- 2.) Prepare the hole that the basin is going to sit in. It is best to place crushed stone in the bottom of the hole for the basin to sit upon. If installing in asphalt or any other hot mastic application, the basin must be encased with a 4" collar of concrete for strength and to prevent heat distortion.
- 3.) If installing in a location that requires a light vehicular load rating, basin must be installed with a 4" collar of concrete and be installed on top of compacted gravel, sand or concrete. View the Load Rating Chart for grate selection for load capacities.
- 4.) The installed basin and grate should be recessed about 1/8" below the finished grade. The grate should be installed and cover with tape prior to backfilling. This will help prevent any debris from entering the drainage area.
- 5.) After placing the basin, begin working from the discharge point back to the grate; excavate the base of the trench with a 1 1/4" slope for every 10 feet to ensure drain pipe slopes to the discharge point.
- 6.) Connect the drainage pipe to the adapters attached to the side of the basin. Backfill trench and the area around the basin.

Installation in Compact Soil



Installation in Concrete Collar





Parts included in Kit

9" Basin Kit #KB9SG – Green Grate #KB9SB – Black Grate	12" Basin Kit #KB12SG – Green Grate #KB12SB – Black Grate
#B9SB – 9" Square Basin with 2 outlets	#B12SB – 12" Square Basin with 2 outlets
#G9S? – 9" Square Grate - ? = Color	#G12S? – 12" Square Grate - ? = Color
#AP – Basin Plug Adapter	#AP – Basin Plug Adapter
#A34OL – 3" or 4" Universal Adapter	#A34OL – 3" or 4" Universal Adapter
#CA4S – Stainless Steel Screws (4)	#CA4S – Stainless Steel Screws (4)

Grate Load Testing

Testing Conditions:

- 1.) Grates are installed in the proper basin or pipe.
- 2.) Grates are level and flat.
- 3.) Loads are constant and evenly distributed.
- 4.) All Grates were tested in an unrestrained condition.

Grate Load Rating Chart

Part No.	Description	Load Rating
G9B	9" Basin Grate	1500 lb.
G12B	12" Basin Grate	1500 lb.