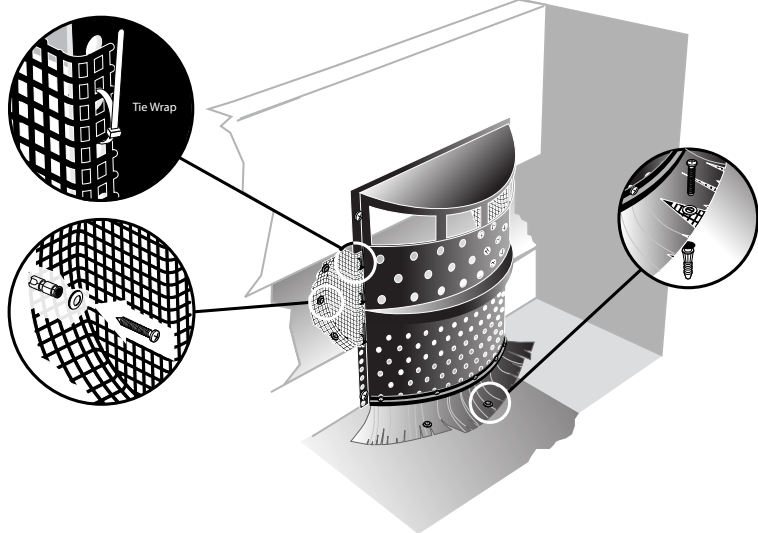


# Section 3

## Items Included:

- Same As Section 1
- Additional:  
Plastic Netting For Sides (Length Determined By Concaved Area Of Wall)  
Six Phillips Head Screws, Wall Anchors & Sealing Washers  
Six Tie Wraps



# Section 4

## Items Included:

- Same As Section 1
- Additional  
Plastic Netting For Sides (Length Determined by Trash Guard Plus® Size)  
Six Phillips Head Screws, Wall Anchors & Sealing Washers  
Six Tie Wraps  
One Top Extension Plastic Strip (Width Determined By Trash Guard Plus® Size)  
Tools Needed:
  - Same As Section 1
  - Additional:  
Hacksaw  
1/2" Masonry Drill Bit

## Installation Instructions

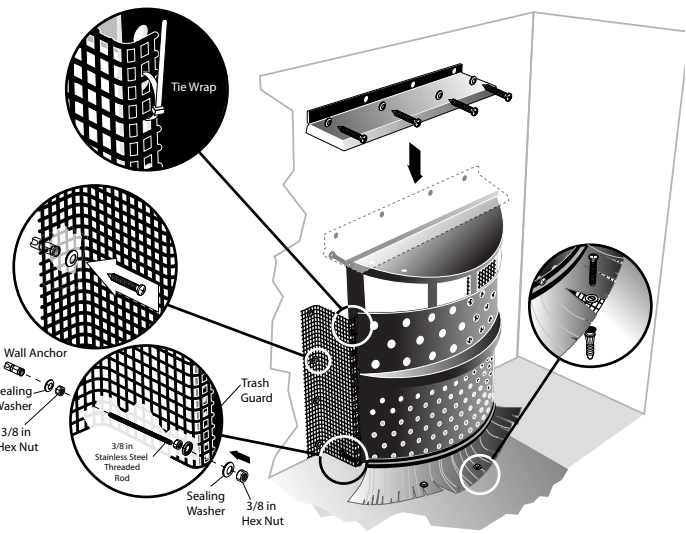
1. Follow Steps 1 & 2 In Section 1
2. Drill 1/2" Holes Top & Bottom On Each Side Of Trash Guard Plus® (Section 1 step 3). Insert Wall Expansion Anchors

## Tools Needed:

1. Same As Section 1

## Installation Instructions

1. Follow Instructions In Section 1
2. Attach Plastic Netting To Trash Guard Plus® Flange with Tie Wraps As Shown In Insert
3. Bend & Form Netting To Concaved Wall As Shown In Insert
4. Mark & Drill 5/16" Holes To Secure Netting To Wall
5. Secure Plastic Netting To Wall With Phillips Head Screws, Wall Anchors & Washers As Shown In Insert.
6. Attach Plastic Netting To Inverted Bottom (Section 1 Step 4) If Needed



3. Cut Four Sections From All Thread Rod The Expansion Width Desired (Allow 1" Inside Anchors & 1" Through Trash Guard Plus® Flange)
4. Secure Rods To Anchors & Trash Guard Plus® As Shown In Insert
5. Attach Plastic Netting To Trash Guard Plus® Flange With Tie Wraps As Shown In Insert
6. Attach Plastic Netting To Wall With Phillips Head Screws, Wall Anchors & Washers As Shown In Insert.
7. Attach Top Extension Strip To Wall With Phillips Head Screws, Wall Anchors & Washers As Shown. Allow Extension Strip To Lay On Top Of Trash Guard Plus® As Shown.
8. Attach Plastic Netting To Inverted Bottom (Section 1 Step 4) If Needed

# Trash Guard Plus® Installation Instructions

Trash Guard Plus® can be installed in a variety of catch basin configurations (or field conditions). In general the Trash Guard Plus® is mounted on the catch basin wall, centered over the outlet pipe.

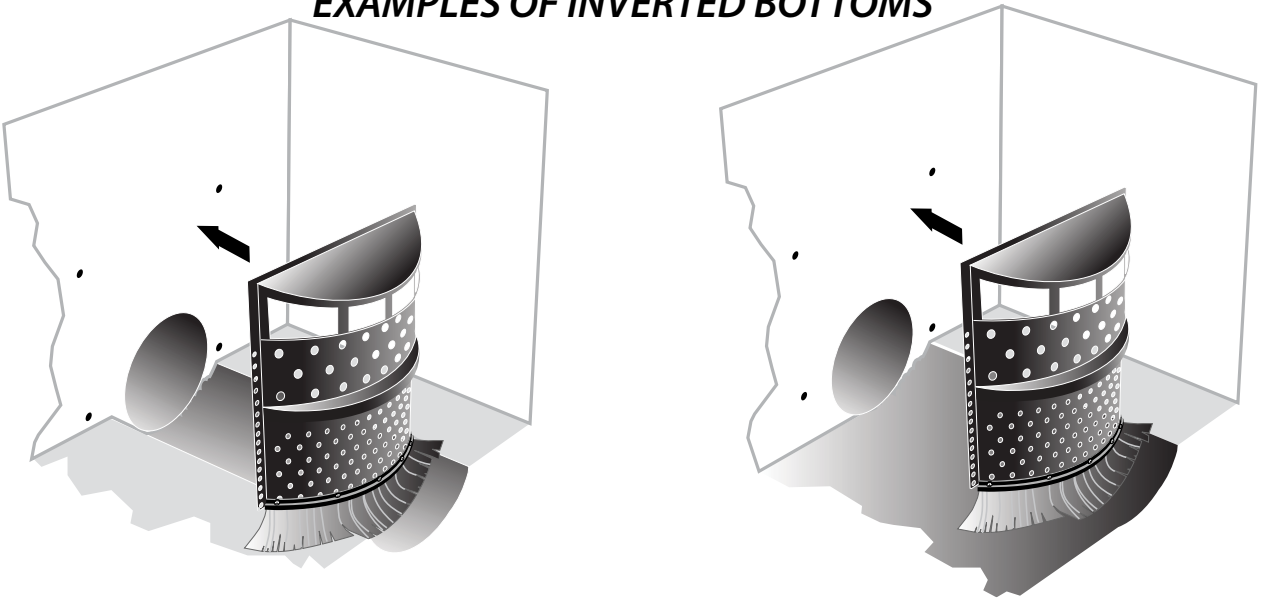
Before installing Trash Guard Plus®, A hydraulic calculation should be performed to determine maximum flow rate based on depth of the catch basin and size of Trash Guard Plus® used. This calculated model will determine maxi-mum flow rate with no obstructions or varying amounts of trash build up, and determine drainage area required to support the calculated flow rate. Allowable trash build up and drainage area required for trash build up will determine maintenance frequency.

If catch basin conditions allow and increased flow rate and additional vertical capacity are desired, a model can be calculated to determine flow rate when extending Trash Guard Plus® from one inch to seven inches from the catch basin wall. As above, this calculated model will determine maximum flow rate with no obstructions or varying amounts of trash build up. Contact Trash Guard Plus® for assistance in determining flow rate and drain-age areas under varying field conditions.

The following instructions are organized in sections described as follows:

- ☐ Section 1 – Trash Guard Plus® installed on a flat perpendicular wall with an inverted bottom
- ☐ Section 2 – Trash Guard Plus® installed on tiered brick wall escalating width from top to bottom with an inverted bottom.
- ☐ Section 3 – Trash Guard Plus® installed on concaved wall reasonable flat at top and bottom with an inverted bottom.
- ☐ Section 4 – Trash Guard Plus® installed extended from wall to increase flow capacity with an inverted bottom.

## EXAMPLES OF INVERTED BOTTOMS



**WARNING:** Improper installation of the Trash Guard Plus® or failure to keep the area around the Trash Guard Plus® free from sediment, debris and litter after installation may result in clogging of the storm water drainage system and increase the risk of flooding during times of heavy rainfall. It is important to clear sediment, debris and litter from around the Trash Guard Plus® at least four (4) times a year and more frequently in areas with large amounts of vegetation or litter. Please contact your local Trash Guard Plus® distributor with any questions regarding the installation or regular maintenance requirements of the Trash Guard Plus®.

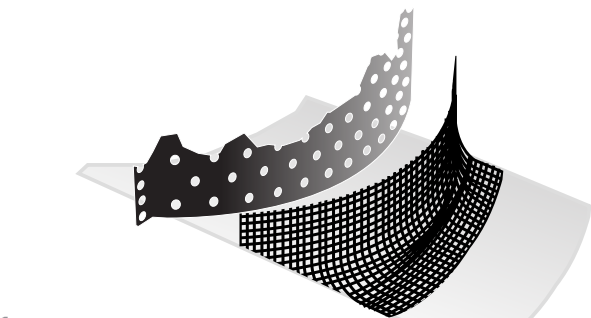
# Section 1

☐ Items Included:

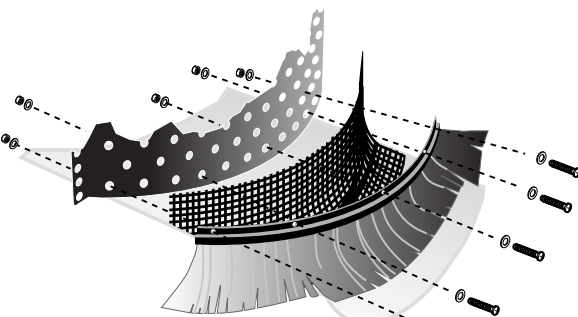
- Trash Guard Plus®(Chosen Size)
- Six Wall Anchors
- Six Sealing Washers
- Six 1.75" x .25" Stainless Steel Phillips Screws
- Plastic Netting (Length Determined by Trash Guard Plus® Size)
- Filtration Skirt (Length Determined By Trash Guard Plus® Size)
- Five Phillips Head Bolts, Five Nylon Insert Locknut Hex Nuts, Ten Commercial Washers (Used to attach plastic netting and filtration skirt to Trash Guard Plus®)

☐ Tools Needed:

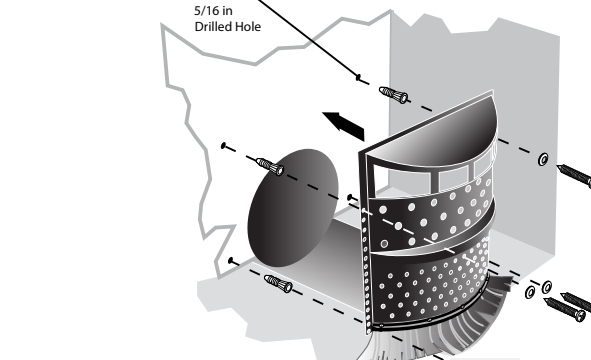
- Cordless Hammer Drill
- 5/16" Masonry Drill Bit
- Phillips Screwdriver
- 7/16" Wrench, or Adjustable Wrench
- 3/8" Diameter Drill Bit (Drill Holes in Filtration Skirt)
- Marking Device (Yellow Grease Pencil-Recommended)



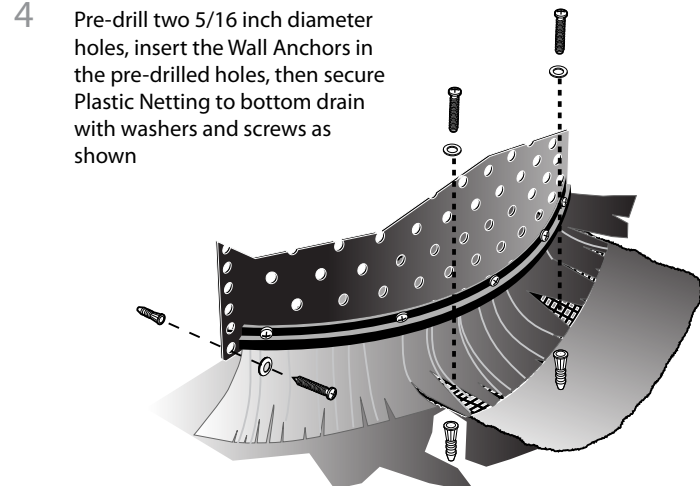
1 Place Plastic netting on Trash Guard Plus® as Shown. Bend and conform plastic netting to shape of Trash Guard Plus® and Drain with 90 degrees bend away from Trash Guard Plus® to allow for assembly to bottom of drain. Cut plastic netting to conform to Trash Guard Plus® and shape of drain.



2 Attach Filtration Skirt and Plastic Netting to Trash Guard Plus® with five Bolts, Washers, and Hex Nuts.



3 Secure Trash Guard Plus® to Wall with Screw, Washer and Wall Anchors.



4 Pre-drill two 5/16 inch diameter holes, insert the Wall Anchors in the pre-drilled holes, then secure Plastic Netting to bottom drain with washers and screws as shown

# Section 2

Items Included:

- Same As Section 1
- Additional:
  - Plastic Netting For Sides (Length Determined By Trash Guard Plus® Size)
  - 3' Stainless Steel All-Thread Rod
  - Six Stainless Steel Hex Nuts and Six Sealing Washers
  - Two Wall Expansion Anchors
  - Six Phillips Head Stainless Steel Screws, Wall Anchors and Washers (Secure Netting To Wall)
  - Six Tie Wraps.

Tools Needed:

- Same As Section 1
- Additional:
  - 1/2" Masonry Drill Bit
  - Hacksaw

Installation Instructions

1. Follow Steps 1 & 2 in Section 1

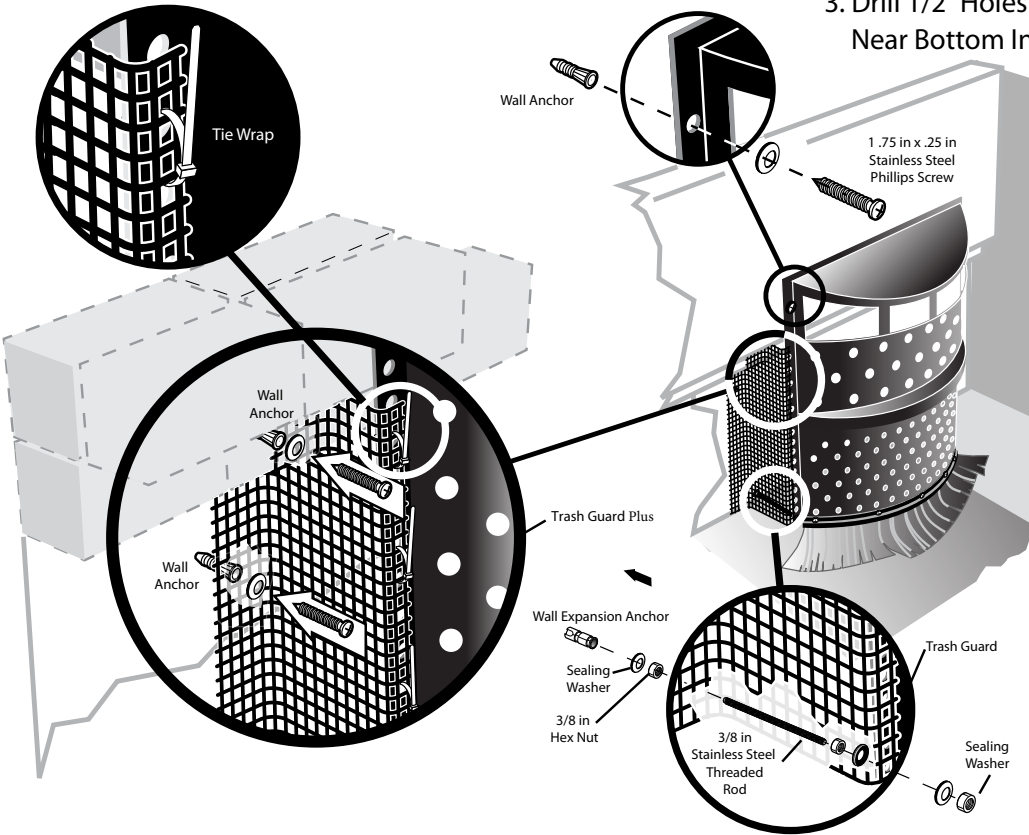
2. Drill 5/16" Holes On Each Side of Trash Guard Plus® Near Top, Insert Wall Anchors

3. Drill 1/2" Holes On Each Side of Trash Guard Plus® Near Bottom Insert Wall Expansion Anchors

4. Cut Two Sections From All Thread Rod The Length Required For Trash Guard Plus® To Hang Perpendicular With Top Attached To Wall (Allow 1" Inside Anchors and 1" Through Trash Guard Plus® Flange)

5. Secure Trash Guard Plus® To Top With Screws and Washers (Section 1 Step 3)

6. Secure Rods To Wall Anchors and Trash Guard Plus® As Shown In Insert



7. Attach Plastic Netting To Trash Guard Plus® Flange With Tie Wraps As Shown In Insert

8. Cut Mesh From Top Tier Of Bricks And Secure With Wall Anchor, Screw and Washer As Shown In Insert

9. Continue Process Until Netting Is Attached To Wall Top To Bottom

10. Attach Plastic Netting To Inverted Bottom (Section 1 Step 4) If Needed