November 13, 2023
Mr. Leo Cosentini
California State Water Resources Control Board
Division of Water Quality
P.O. Box 100
Sacramento, CA 95812-0100

Dear Mr. Cosentini,

Thank you for providing Fabco Industries Inc. with the opportunity to apply for our device the StormTrough to the California State Water Resources Control Board for certification as a Full Capture System Trash Treatment Control Device. The StormTrough is a uniquely designed filter device which installs onto the wall below the opening of a curb opening inlet, allowing surface runoff entering the inlet to be directed to a filter sack which screens and retains any trash, debris, or particles larger than 5 mm in diameter or greater. Provisions have also been made to ensure that Mosquito Vector Control personnel are easily able to inspect the device without need of perform confined space entry. Fabco StormTroughs have been installed and successfully protect waterways in stormwater infrastructure projects nationwide, including in California within the cities of Sacramento and Poway.

Within our application below we have spoken to each of the submittal requirements within the Trash Treatment Control Device Certification and Fact Sheet Update Requirements and maintained the requested layout.

Thank you again for your consideration and time taken to review our application. If any additional information is needed, please do not hesitate to contact myself Hilme Athar or our V.P. of Engineering, John Peters. Both of our contact information can be found within the application below.

Sincere regards,

Hilme Athar
Sales Engineer
390 Oser Avenue
Hauppauge, NY 11788
(631) 393-6024
hathar@fabco-industries.com

1. Cover Letter

1.A. Device Name and General Description

The StormTrough is a trash full capture device designed and manufactured by Fabco Industries, Inc. It is a modular device designed specifically to be installed in curb opening inlet storm drains. The key components that comprise the StormTrough are: a center tray from which a filter sack hangs, trough segments which attach to each other and to the tray, and end caps which close off the trough. All components of the StormTrough can fit through a Ø21" manhole entrance of a curb opening inlet, where inside the parts can be assembled. The assembly is then mounted directly to the wall below the opening of a curb inlet using concrete strike anchors. The StormTrough acts as a gutter or pan for the curb opening, directing drainage flow toward the filter sack with Ø 3/16" (~ 4.8 mm) round openings. The filter sack then captures any trash larger than 5 mm in diameter from the surface runoff entering the inlet. Components of the StormTrough are available in a variety of sizes to allow the device to fit in different types and sizes of curb opening inlets.

1.B. Applicant's Contact Information and Location

Owner Information:
John Peters
V.P. of Engineering
390 Oser Avenue
Hauppauge, NY 11788
(631) 393-6024
johnp@fabco-industries.com

Authorized Representative(s) Contact Information:
Justin Cohen
Senior Project Engineer
390 Oser Avenue
Hauppauge, NY 11788
(631) 393-6024
jcohen@fabco-industries.com

Hilme Athar
Sales Engineer
390 Oser Avenue
Hauppauge, NY 11788
(631) 393-6024
hathar@fabco-industries.com

1.C. Manufacturer's Website Page for Device

https://fabco-industries.com/stormsack-geotextile-catch-basin-insert

1.D. Device's Manufacturing Location

Fabco Industries, Inc.
390 Oser Avenue
Hauppauge, NY 11788
(631) 393-6024

1.E. Brief Summary of Field/Lab Testing Results

The StormTrough captures trash from stormwater drainage using a polyester mesh sack, with Ø3/16" (or ≈Ø4.8mm) openings. When installed within a curb opening inlet, the entire surface runoff design flow is directed through the polyester mesh sack so all trash 5 mm or greater in diameter is physically captured from the peak design flow. No lab testing is required as all trash 5 mm and greater in diameter are physically blocked

by the screening material from flowing past. Existing installations of the StormTrough, including project sites in California, have yielded only positive results. All filtered flow rates reported in the hydraulic capacity table (Section 3.C.) have been calculated using the percent open area of the polyester mesh sack, pressure head measured to the bypass of the device, and a standard coefficient of discharge of 0.62 for the orifice equation.

1.F. Brief Summary of Device Limitations, and Operational, Sizing, and Maintenance Considerations

The StormTrough is modular, and each component is available in several standard sizes enabling it to fit in various curb opening inlet sizes. Accessibility within a curb opening inlet installation site is taken into high consideration, with all components of the StormTrough designed to fit through a Ø21" manhole opening or through the curb opening of an inlet.

Ease of installation is also considered with minimal tools required for installation of the device. Additionally, a mandatory vector control viewing port is ensured for all StormTrough units installed in California to allow access to the bottom of catch basins by Mosquito Vector Control Personnel without need for confined space entry.

The filtered flowrate of the StormTrough is designed to completely screen at least the trash treatment peak design flow of a storm drain. In addition, StormTrough units are sized to maintain hydraulic capacity prior to required maintenance as specified by an applicable Municipal Stormwater permit.

Regular maintenance is necessary for the StormTrough to function properly. Fabco typically suggests maintenance be scheduled twice a year, but true necessary maintenance frequency will depend on site-specific conditions. The applicable Municipal Stormwater permit may specify more frequent maintenance intervals as well. Fabco Industries recommends the use of a vacuum truck to most easily clean captured trash within the StormTrough.

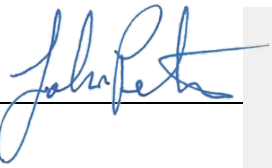
1.G. Description, or List of Locations, where Device has been Installed.

StormTrough units have been installed for stormwater management projects throughout California and nationally. Below are some example current install sites within the state of California:

<table>
<tr><th colspan="2">Current Install Sites</th></tr>
<tr><th>Project</th><th>Contact</th></tr>
<tr><td>Sacramento, CA</td><td rowspan="2">Patrick Murphy
Area Sales Manager
Ferguson Waterworks, Geo & Stormwater Solutions
Phone: 916-402-3210
Email: Patrick.Murphy@ferguson.com</td></tr>
<tr><td>Poway, CA</td></tr>
</table>

1.H. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons that manage the system or those persons directly responsible for gathering the information, to the best of my knowledge and belief, the information submitted is, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X 

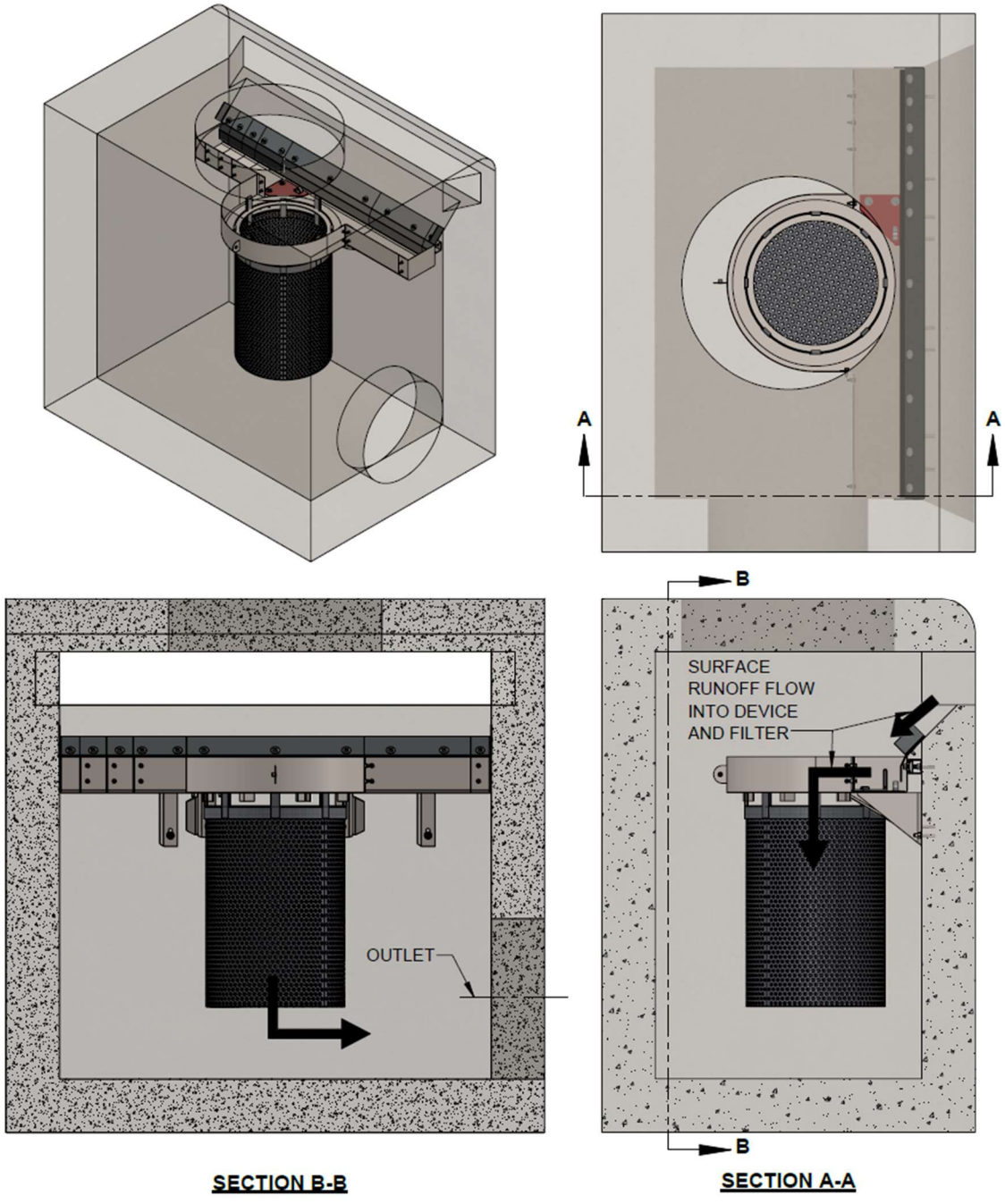
John Peters
V.P. of Engineering
(631) 393-6024
johnp@fabco-industries.com

2. Table of Contents

3. Physical Description

3.A. Trash Capture

The primary component of the StormTrough that captures trash 5 mm or greater in diameter is a replaceable polyester mesh sack with Ø3/16” (approximately Ø4.8mm) openings. During a storm event the entire design flow is directed through the mesh sack downwards, trapping any trash 5mm or greater in diameter within the sack and allowing water to flow past into the bottom of the catch basin. Below is a diagram of the device installed with notes showing how design flow is directed through the device and down towards downstream stormwater infrastructure:



3.B. Peak Flows/Trash Volumes

Please see the table within Section 3.C. for the hydraulic capacity and recommended max trash storage volume of four common standard size StormTrough units. Note filtered flowrate remains the same between units, as the filter sack size remains the same for all StormTrough units. The StormTrough can thus capture trash 5 mm or greater in diameter from surface runoff flowing into an install site up to the max flowrates stated at each trash capacity level. The StormTrough filter sack includes bypass openings along the top of the sack and in addition, the open trough also functions as a weir, allowing water to flow freely over it. Maximum trash volume is equal to the total open volume inside the mesh sack, with height up to the bypass opening.

3.C. Hydraulic Capacity

StormTrough Standard Unit Sizes (Length)	Hydraulic Capacity					Recommended Max Trash Storage Volume (CF)
	Filtered Flow Rate				Bypass Flow Rate (CFS)	
	Empty (CFS)	25% Full (CFS)	50% Full (CFS)	75% Full (CFS)		
24"	20.0	13.0	8.6	4.3	5.0	2.5
48"	20.0	13.0	8.6	4.3	7.8	2.5
72"	20.0	13.0	8.6	4.3	10.0	2.5
96"	20.0	13.0	8.6	4.3	12.6	2.5

The equations below are used to calculate the hydraulic capacity of the StormTrough filter sack:

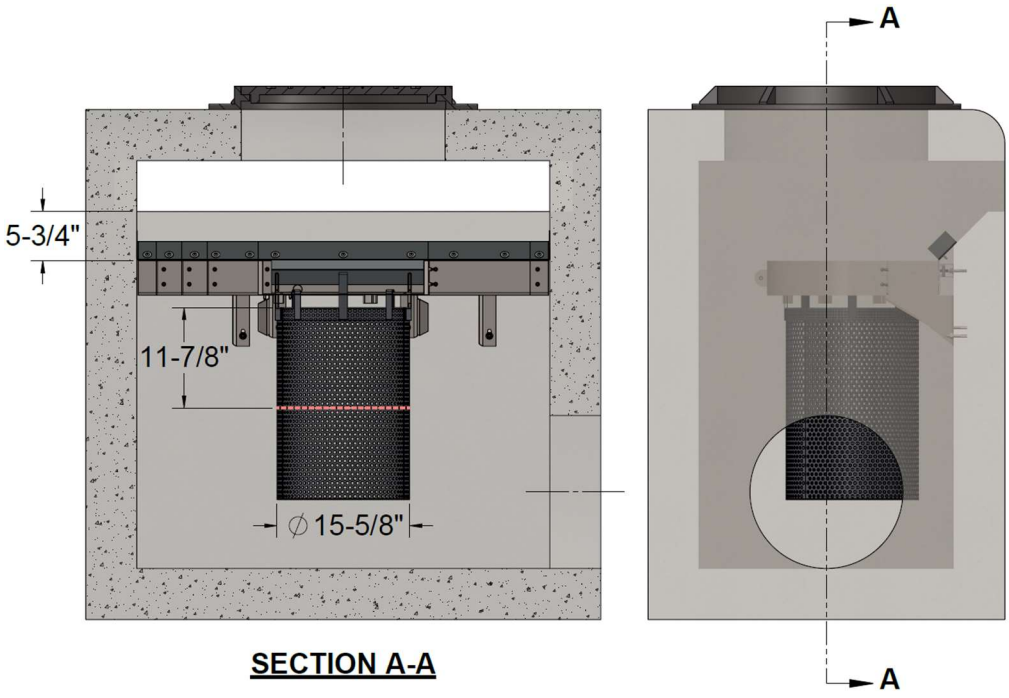
$$Orifice\ Equation: Q = C_d A\sqrt{2gh}$$

$$Narrow\ Crested\ Weir\ Equation: Q = \frac{2}{3} C_d \cdot L \cdot \sqrt{2g} \cdot (h)^{\frac{3}{2}}$$

where,

Q = flow rate [in^3/s] *converted to [CFS and GPM]
C_d = coefficient of discharge [0.62 used by Fabco Industries]
A = area of orifice or net open area [in^2] = area of screen [in^2] * % open area
g = acceleration from gravity [in/s^2]
h = head acting on centerline of each screening window [in]
L = weir length [in]

Example Calculation of Empty Filtered Flow Rate for StormTrough Filter Sack



SECTION A-A

$$Q_1 = (0.62) * (1300[in^2] * 64\%) * \sqrt{2 * \left(386.4\left[\frac{in}{s^2}\right]\right) * (6.0[in])}$$

$$Q_1 = \ 35{,}126\left[\frac{in^3}{s}\right] \div 1{,}728$$

$$Q_1 = \ \mathbf{20}\ [\boldsymbol{CFS}]$$

3.D. Comparison Table

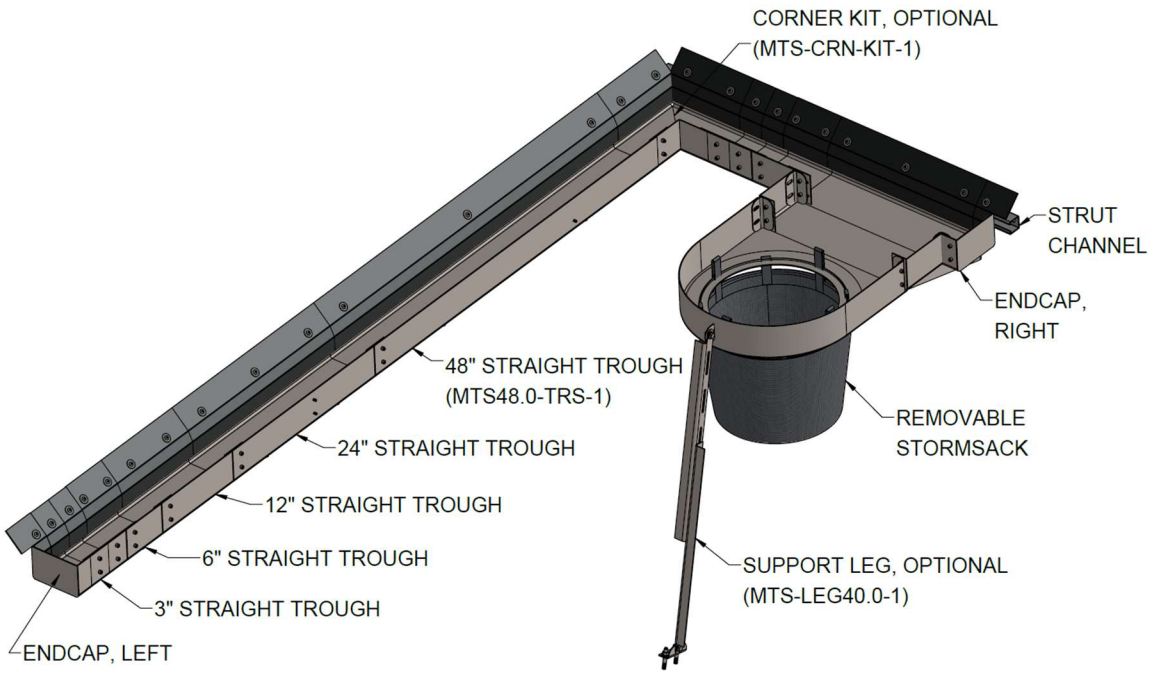
Please see table in Section 3.C. for hydraulic capacity of four common sizes of the StormTrough.

3.E. Design Drawings

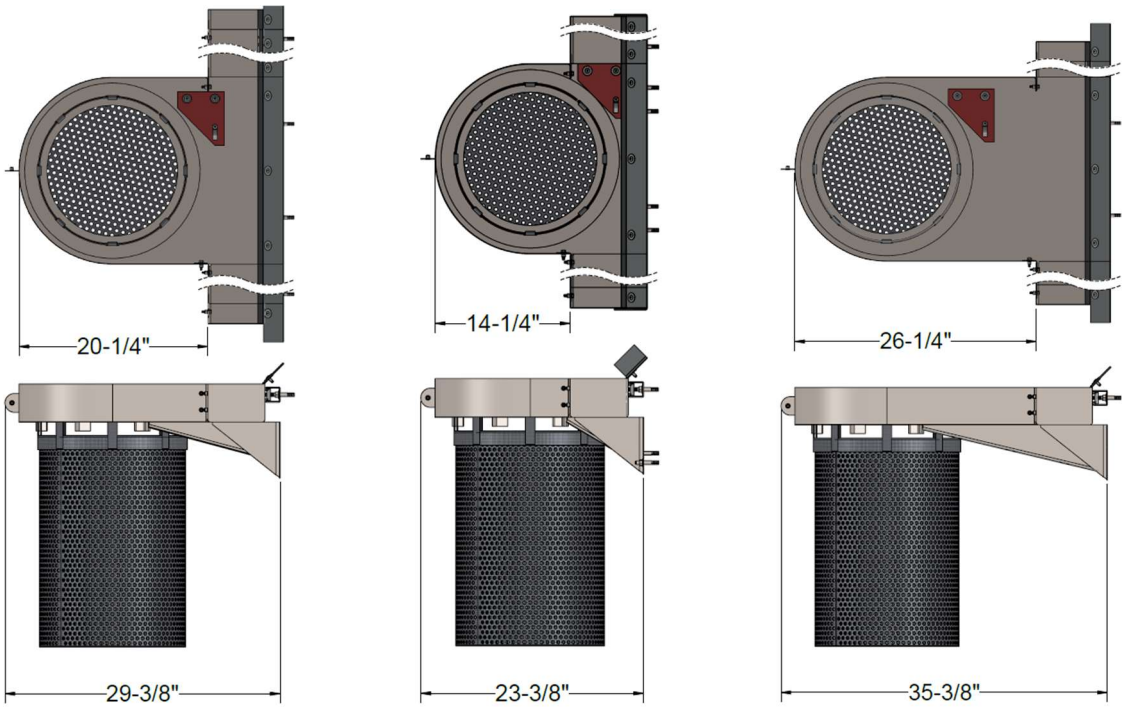
Please refer to Appendix A for a representative design drawing of a 48” Length StormTrough

3.F. Alternative Configurations

The StormTrough is a modular device and as such there are a few different types of trough segment pieces, and additional accessories which can be purchased. Below is a reference image of a StormTrough unit assembled with all available trough segment sizes, end caps, and the optional support leg.



The StormTrough center tray is also available in three different styles: short, standard, and deep. Each of these styles varies in how far the center tray and filter sack are dimensioned away from the curb opening wall. Below is a reference image of the three different styles for a 48” Length StormTrough.



Standard **Short** **Deep**

3.G. Internal Bypass

One of the internal bypasses of the StormTrough consists of a series of open windows which are created when the filter sack of the device is attached and hanging from the center tray of device. These open windows are found between the top of the filter sack and the bottom of the center tray. The opening windows are made from the gaps between each mounting tab of the polyester mesh sack and the height at which the sack hangs down. Additionally, storm drainage can flow over and above the walls of the trough segments and center tray if the filter component of the StormTrough is not maintained and unexpectedly greater rainfall than designed peak flow occurs. The StormTrough is engineered to filter at least the trash treatment peak design flow. Thus, the bypass openings of the StormTrough are only used when flow into the catch basin exceeds the peak design flow or when peak flows occur after the device has not been maintained to keep blinding to a minimum.

3.H. Previously Trapped Trash

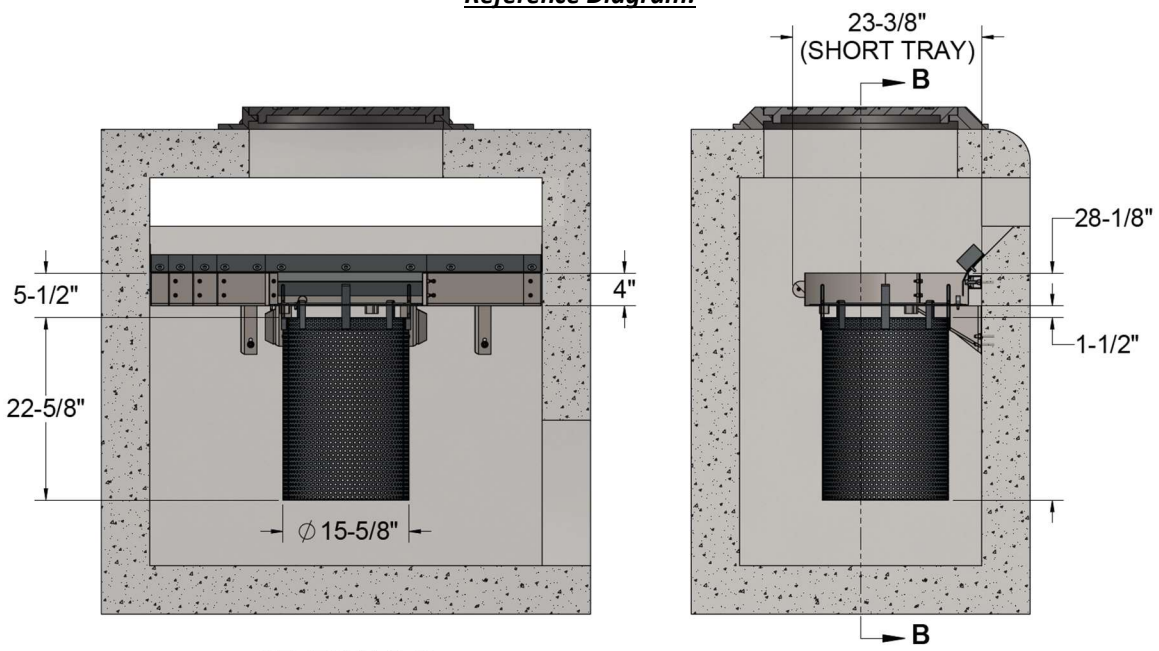
The only scenario in which previously trapped trash can be re-introduced to the downstream stormwater infrastructure is if there is floating trash which rises above and through the bypass opening when a bypass flow scenario occurs as explained in Section 3.G.

3.I. Calibration Feature

The StormTrough is designed with several different standard size pieces which can be mixed and matched to allow fitting in different curb opening inlet sizes and allows for the center tray to be aligned as needed to the location of the manhole cover of the curb inlet. The neoprene splash guard of the device can also be cut to size to fit snug along the opening of a curb inlet.

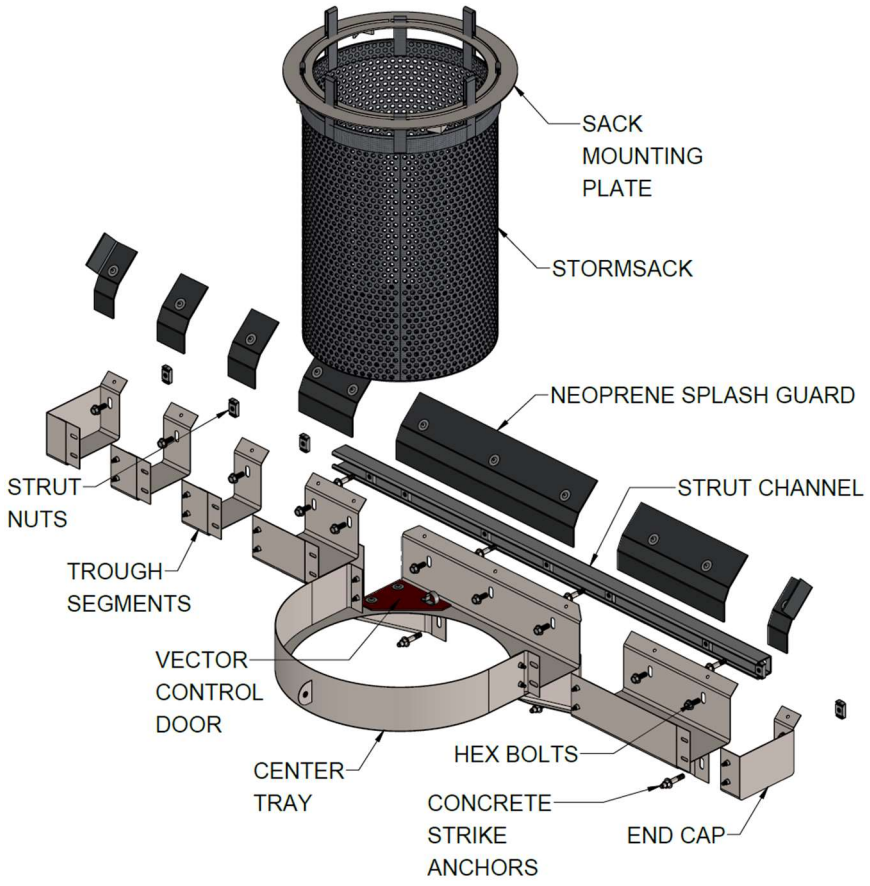
3.J. Photos

Reference Diagram:



SECTION B-B

3.K. Material Type



Below is a list of all materials which comprise the StormTrough and where the materials are used on the device:

- Center Tray, Trough Segments, and End Caps: 2.5mm Thick Stainless-Steel Sheet Metal
- Sack Mounting Plate: 1/8" Thick Stainless-Steel Sheet Metal
- Mesh Filter Sack (StormSack): Polyester Mesh with Ø3/16" (approximately Ø4.8mm) Round Openings
- Sack Support Rod: Ø3/16" Stainless-Steel Rod
- Splash Guard: 1/8" Thick Neoprene Rubber
- Strut Channel: Zinc-Plated Steel
- Vector Control Flap: 1/8" Thick Neoprene Rubber
- Vector Control Hooking Point: Stainless Steel Loop
- Hardware: Stainless Steel Hex Bolts, Strut Nuts, Flat Washers, Rivet Nuts, Blind Rivets, Concrete Strike Anchors

3.L. Design Life

With expected stormwater conditions and regular maintenance, the StormTrough has an expected design life of approximately 10 years.

4. Installation Guidance

4.A. Standard Device Installation Procedures and Considerations

General Note: Installation should be performed by qualified personnel only. Be sure to follow the proper road safety precautions in accordance with local regulations. Standard installation of a StormTrough follows the procedure steps below:

Safety: Set up proper safety precautions in accordance with local regulations. Use Traffic Cones to block off the work area. Wear protective gear such as a hard hat, eye protection, kneepads, etc.

Step 1: Unpack, separate, and verify that all the components are accounted for and undamaged. This kit should include the following:

- Strut Channel
- Center Tray
- Trough Segments
- End Caps
- StormSack
- Sack Mounting Plate
- Sack Support Rod
- Aluminum Tape
- Hardware: Hex Bolts, Strut Nuts, and Concrete Strike Anchors

Step 2: Remove any manhole cover to access the curb opening inlet install location.

Step 3: Begin by aligning the strut channel level and centered on the inlet wall approximately 6" below the drip ledge and mark holes for provided concrete strike anchors. Drill holes using a masonry drill.

Step 4: Secure the strut channel to the inlet wall using provided concrete strike anchors.

Step 5: Align center tray to below the manhole entrance and attach to the strut channel using provided strut nuts and hex bolts. Then attach trough segments as needed to the center tray and strut channel to create a gutter directly below curb opening. Keep segments tightly pressed against each other.

Step 6: Insert StormSack lifting tabs/loops into the sack mounting plate and lock in place using the sack support rod. Then place the Sack assembly into the center tray.

Step 7: If needed use aluminum tape provided to seal any minor gaps.

Step 8: Carefully replace and secure manhole cover and clean work area making sure not to leave behind any tools or objects that may cause a traffic hazard or pedestrian tripping hazard.

4.B. Description of Device Installation Limitations and Non-Standard Device Installation Procedure

Installation of a StormTrough may be limited by the existing protrusions within a curb opening inlet. If any non-standard installation is required, the installer should please contact their respective sales representative or Fabco sales support at sales@fabco-industries.com or (631) 393-6024. Installation procedure may differ, but the design of the StormTrough cannot change.

4.C. Methods for Diagnosing and Correcting Installation Errors

Once installed, ensure a proper installation by performing a visual inspection of the entire installed unit. Confirm the device is centered within the curb inlet and is mounted securely. If the StormTrough does not fit securely within curb inlet, clear the opening, remove it, and reinstall the StormTrough again following the instructions in Section 4.A. If issues persist, contact Fabco sales support to further identify possible solutions. If any critical questions at all arise during or after installation, the install team should please contact their respective sales representative or Fabco sales support (Email: sales@fabco-industries.com; Phone: (631) 393-6024) for project specific assistance.

5. Operation and Maintenance Information

5.A. Inspection Procedures and Frequency Considerations

Safety Precautions: The StormTrough should be maintained by trained individuals who are familiar with local traffic safety regulations and disposal procedures. If working in the street, proper safety equipment should be worn, including but not limited to a hardhat, vest, gloves and eye protection, and all local traffic safety rules & regulations should be followed.

Inspecting the StormTrough: To maintain the efficiency of the StormTrough, regular maintenance is necessary. Fabco Industries advises inspecting the unit every six months, following the steps outlined below. It's important to note that inspection and cleaning should only take place after 24 hours of no rainfall. It's also recommended to periodically examine the surrounding areas for pollutants, such as oil or paint dumping, minor spills, and leaks from dumpsters, and take the appropriate measures to have the source removed.

To begin the inspection, remove the manhole cover to gain full access to the StormTrough filter unit. Be cautious, as manhole covers can be quite heavy, and a lifting mechanism is recommended. Use a battery-powered flashlight or droplight to conduct a thorough visual inspection, checking for heavy sediment, debris loading, and trash.

Certain signs indicate that cleaning or component replacement is necessary. These include standing water in the StormTrough mesh sack, center tray, or trough segments; inability to see the filter unit due to sediment, trash, or debris; and damage to the device, such as abrasions, tears, or punctures. If any of these signs are present, make a note of your observations and comments on a maintenance log sheet. It may also be useful to take digital photographs or sketches to maintain accurate historical records.

5.B. Description of Maintenance Frequency Considerations

The StormTrough needs regular cleaning, but determining the appropriate cleaning intervals is not an exact science. Typically, smaller units and installation sites with more sediment or vegetation require more frequent maintenance. Fabco Industries suggests cleaning the unit(s) at least twice annually by manually removing debris, sand, and silt or using a vacuum-assisted device. In situations where there is a greater amount of sediment or vegetation at the installation site, it may be advisable to increase the cleaning frequency of the unit(s) beyond the recommended bi-annual cleaning schedule suggested.

5.C. Maintenance Procedures

Step 1: To access the StormTrough unit, carefully remove the manhole cover and place it in a designated safe area. Assess whether removing the StormSack is required for cleaning. If removal is necessary, lifting straps are provided as an integral part of the replaceable StormSack. While lifting the StormSack assembly out of the storm drain, it is essential to ensure that at least two workers lift evenly to prevent injury or damage to the StormTrough center tray.

Step 2: For deep cleaning, rinse the StormSack with a high-pressure hose to dislodge and remove trash and debris that may be clogging the polyester mesh and restricting flow. If a high-pressure hose is not available, a stiff scrub-brush can be used instead. Using an industrial vacuum or gloves and shovel remove any trash that may have been captured in the trough segments of the StormTrough. If necessary, replace the StormSack by simply removing the support rod and locking a new StormSack to the sack mounting plate.

Step 3: After completing the maintenance work on the StormTrough, ensure that the filter sack assembly is reinstalled correctly if it was removed, and confirm that the center tray and trough segments are secure to guarantee proper functioning. If required, record any pertinent observations or comments about the maintenance on a maintenance log sheet.

Step 4: As a final step before reinstalling the manhole cover, be sure to thoroughly clean the work area making sure not to leave behind any tools or objects that may cause a traffic hazard or a pedestrian tripping hazard. Reinstall the manhole cover making sure it is seated properly on the frame.

Disposal: Proper handling and disposal of all captured liquid, oils, sediment, debris, trash, and other accumulations from the StormTrough must comply with local, state, and federal regulations. As part of a well-planned and scheduled maintenance regime, disposal considerations should be considered. Generally, solid waste disposal can be arranged with a local landfill, while liquid waste can be disposed of at either a wastewater treatment plant or a municipal vacuum truck decant facility.

5.D. Essential Equipment and Materials for Proper Maintenance Activities

Fabco Industries recommends the following equipment for maintenance of the StormTrough:

- Proper safety equipment including but not limited to hard hats, safety vests, gloves, kneepads, and eye protection.
- Any required traffic control equipment.
- A battery powered flashlight or drop light.
- Shovels and buckets or industrial vacuum.
- Pressure washer (optional).
- Manhole cover removal/reinstallation tools.

5.E. Description of the Effects of Deferred Maintenance on Device Structural Integrity, Performance, Odors, Etc.

If maintenance is deferred for the StormTrough, the full trash and debris capacity of the StormTrough can be reached causing a bypass event when a rainstorm occurs. During a bypass event, debris and trash will flow past the StormTrough system and discharge into any downstream stormwater infrastructure or water body. Deferred maintenance will not affect the structural integrity of the StormTrough.

5.F. Repair Procedures for Device's Structural and Screening Components

If during inspection or maintenance of the StormTrough it's found that the device needs repair, photographs and documentation should be sent to the Fabco assistance team at: sales@fabco-industries.com. The Fabco engineering and technical support team can then assess the damage and suggest a repair plan or begin a warranty repair or replacement.

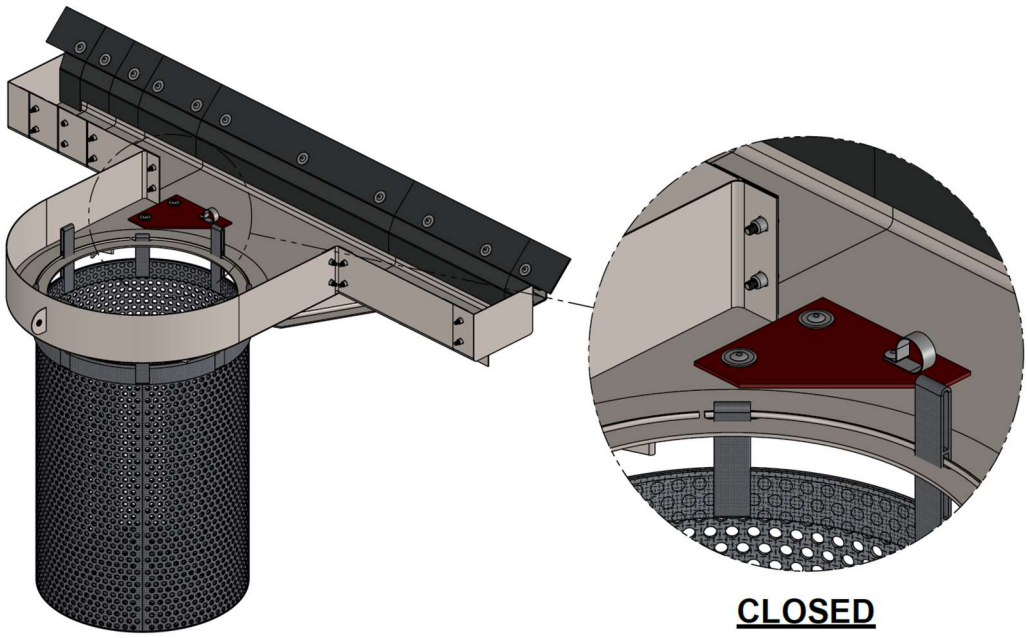
6. Vector Control Accessibility

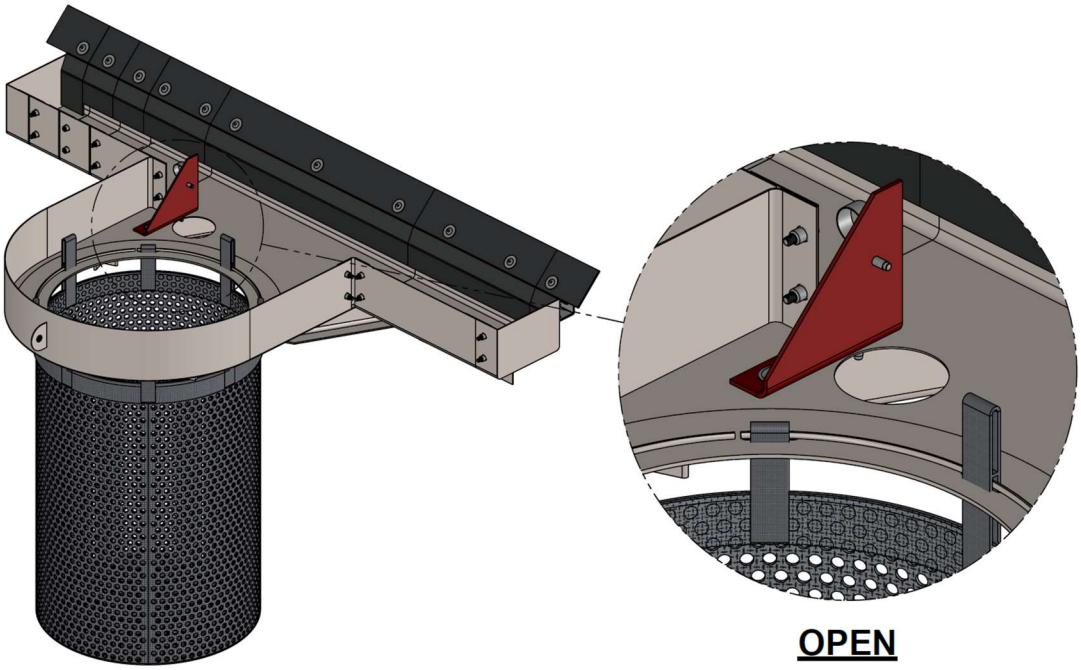
6.A. Date of Application Submittal to Mosquito Vector Control Association

Application to the Mosquito and Vector Control Association of California (MVCAC) for the Fabco StormTrough was submitted on October 9th, 2023, and a letter of verification was received on November 7th, 2023. Please see Appendix B for the MVCAC verification letter.

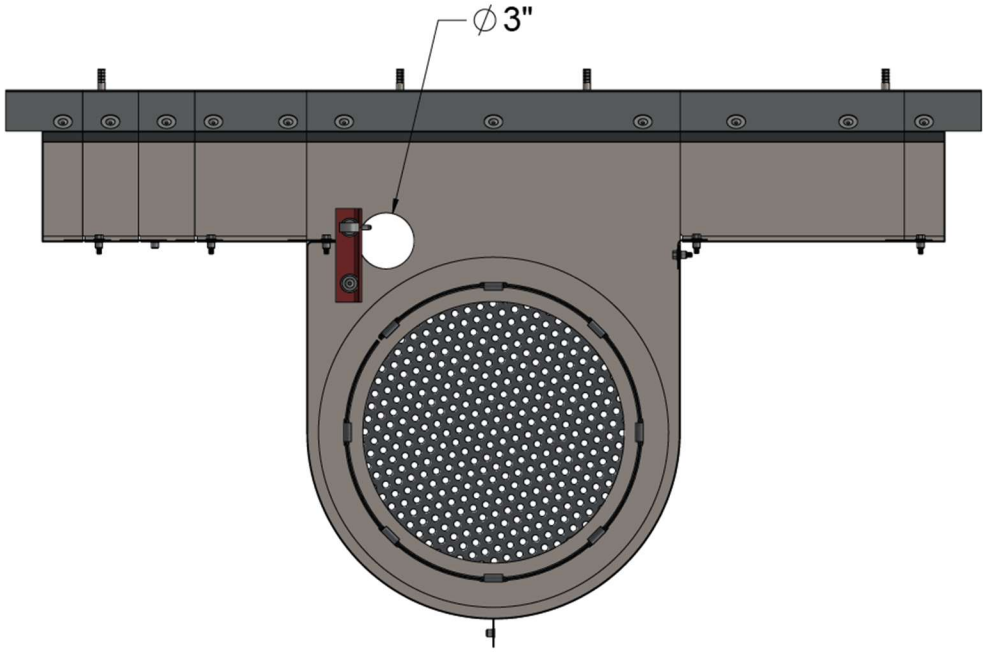
6.B. Description of Access for Vector Control Personnel

The StormTrough features a vector control viewing port allowing for easy access by Vector Control personnel without requiring any confined space entry. The view port is a self-closing rubber flap located directly to the left of the filter sack opening of the StormTrough. It can be accessed from above the StormTrough while manhole cover is removed. The rubber flaps can be pulled open upward with a hook tool or equivalent. When open, a Ø 3" view port opening allows visual and physical access to the bottom of the catch basin for inspection or treatment by Mosquito Vector Control personnel.





OPEN



VECTOR CONTROL VIEWING PORT OPEN
(TOP VIEW)

6.C. Mosquito Vector Control Association of California Letter of Verification

Please refer to Appendix B to find the MVCAC letter of verification for the StormTrough.

7. Reliability Information

7.A. Estimated Design Life of Device Components before Major Overhaul

The life expectancy of the StormTrough is estimated by consideration of the materials used to fabricate the StormTrough. With expected stormwater conditions and regular maintenance, the StormTrough has an estimated design life of 10 years.

7.B. Warranty Information

Fabco Industries, Inc., warrants that the StormTrough shall be free from defects in materials and workmanship for a period of 10 years from the date of delivery. The warranty coverage requires that the products must be installed in accordance with all site conditions required by state and local codes, applicable product or industry specifications and guidelines, manufacturer's installation recommendations and other applicable laws. Specifically excluded from the warranty are damages arising from ordinary wear and tear, alteration, or repair by anyone other than Fabco Industries, Inc. or under the direction of Fabco Industries inc. Furthermore, damage due to accident, misuse, abuse or neglect, or any other event not caused by Fabco Industries Inc, is also not covered by the warranty.

If a warranty claim is made and determined to be valid, Fabco Industries Inc. will either repair or replace the product, solely at the discretion of Fabco Industries, Inc. All warranty claims must be submitted, evaluated, and approved by Fabco Industries, Inc., for the claim to be determined to be valid. There are no other warranties either expressed or implied other than what is specifically specified herein.

7.C. Customer Support Information

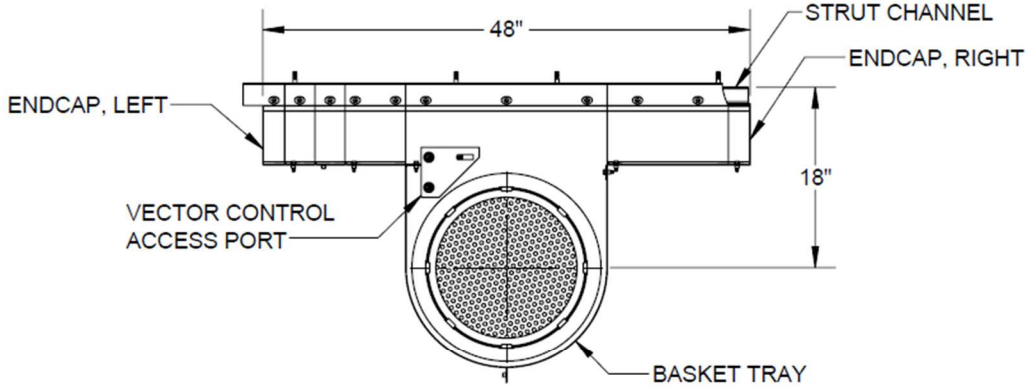
Fabco customer support can provide technical information and help with any questions regarding Fabco Industries' products. You can reach our customer support service at:

Fabco Industries, Inc.
390 Oser Avenue
Hauppauge, NY 11788
Phone: (631) 393-6024
Email: sales@fabco-industries.com
Website: fabco-industries.com

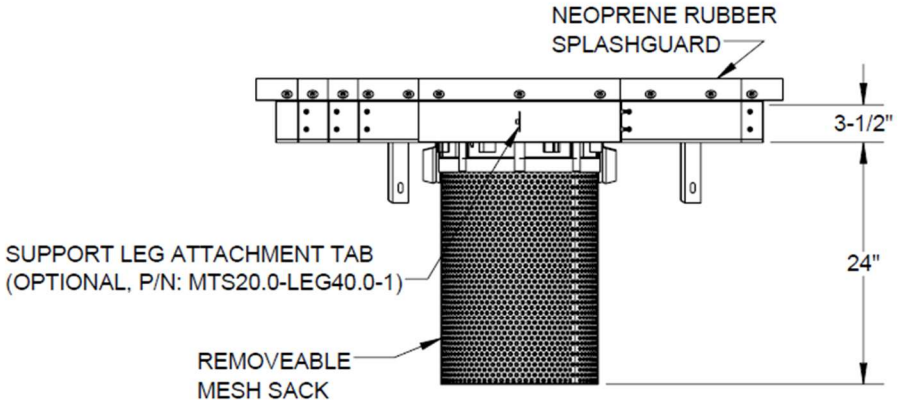
8. Field/Lab Testing Information and Analysis

The entire design flow must flow through the polyester sack so all trash larger than 5 mm are captured from the peak design flow. Field/Lab testing is not required for the StormTrough. All treated design flow must pass through the sack to enter the outlet pipe, and as such all trash 5mm or larger in diameter within the treatment flow will be physically blocked from passing through. Existing installations of the StormTrough, including project sites in California, have yielded only positive results.

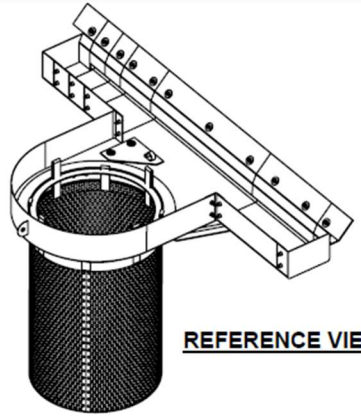
APPENDIX A



PLAN VIEW



FRONT VIEW



REFERENCE VIEW

NOTES:

1. TROUGHS: STAINLESS STEEL, 300 SERIES
2. STRUT CHANNEL: ZINC-PLATED STEEL
3. TROUGH SEGMENTS ARE 6" WIDE X 4" DEEP
4. STORMSACK: POLYESTER MESH Ø3/16" OPENINGS
5. ALL MOUNTING HARDWARE INCLUDED
6. DESIGNED TO FIT THROUGH A 21" CLEAR MANHOLE OPENING

TROUGH SEGMENTS	QUANTITY SUPPLIED
STRAIGHT, 3"	2
STRAIGHT, 6"	1
STRAIGHT, 12"	1
BASKET TRAY, 18"	1
ENDCAP, RIGHT	1
ENDCAP, LEFT	1
STRUT CHANNEL, 48"	1
STORMSACK, 12" DP	1

UNLESS OTHERWISE SPECIFIED
REMOVE ALL BURRS
BREAK SHARP EDGES .002 - .020
FILLETS .020 MAX
DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES

TOLERANCES:
DEC .00 ± .01
DEC .000 ± .005
FRACT ± 1/16
ANGLE ± 2°

PROJECT

MATERIAL

	APPROVAL	DATE
	DWN	
	CHKR	
	ENGR	
	UPD	

FABCO INDUSTRIES, INC.
24 CENTRAL DRIVE
FARMINGDALE, NY 11735

WWW.FABCO-INDUSTRIES.COM

TITLE: STORMTROUGH, 48" KIT (BASKET OFFSET 18" FROM WALL)

SIZE	DWG. NO.	REV
B	MTS48.0-KIT-1	D

SCALE: NONE SHEET 1 OF 1

APPENDIX B

MVCAC
Mosquito and Vector Control Association of California
One Capitol Mall, Suite 320 • Sacramento, CA 95814 • p: (916) 440-0826 • f: (916) 444-7462 • e: mvcac@mvcac.org

Mr. Hime Athar
Fabco Industries, Inc
390 Oser Avenue.
Hauppauge, NY 11788

November 1, 2023

Dear Mr. Athar,

Thank you for the submission of the Fabco StormTrough full trash capture device for review by the Mosquito and Vector Control Association of California pursuant to the SWRCB Trash Treatment Control Device Application Requirements. The Association has reviewed the conceptual drawings for the Fabco StormTrough and verifies that provisions have been included in the design that allow for full visual access to all areas for presence of standing water, and when necessary, allows for treatments of mosquitoes.

While this verification letter confirms that inspection and treatment for the purpose of minimizing mosquito production should be possible with the Fabco StormTrough as presented, it does not affect the local mosquito control agency's rights and remedies under the State Mosquito Abatement and Vector Control District Law. For example, if the installed device or the associated stormwater system infrastructure becomes a mosquito breeding source, it may be determined by a local mosquito control agency to be a public nuisance in accordance with California Health and Safety Code sections 2060-2067.
"Public nuisance" means any of the following:

1. Any property, excluding water, that has been artificially altered from its natural condition so that it now supports the development, attraction, or harborage of vectors. The presence of vectors in their developmental stages on a property is prima facie evidence that the property is a public nuisance.
2. Any water that is a breeding place for vectors. The presence of vectors in their developmental stages in the water is prima facie evidence that the water is a public nuisance.
3. Any activity that supports the development, attraction, or harborage of vectors, or that facilitates the introduction or spread of vectors. (Heal. & Saf. Code § 2002 (j).)

Declaration of a facility or property as a public nuisance may result in penalties as provided under the Health and Safety Code. Municipalities and the vendors they work with are encouraged to discuss the design, installation, and maintenance of stormwater trash capture devices with their local mosquito control agency to reduce the potential for disease transmission and public nuisance associated with mosquito production.

Sincerely,

Megan MacNee
MVCAC Executive Director