STREIVOR™ INC.
STRIVING FOR EXCELLENCE

QTY:_____ ITEM#:_____

FLOOR SINKS, FLOOR TROUGHS, & TRENCH DRAINS

GENERAL SPECIFICATION & DESCRIPTION

Furnish and install Streivor Inc. Floor Trough Model #FT _____ in accordance with the following specifications.

FLOOR TROUGH (FT)

NSF compliant Floor Troughs to be fabricated from type 304 stainless steel (S/S) with all welded construction, forming a one-piece leak-proof sanitary unit, polished to a #4 finish. The trough bottom to be pitched 1" per foot minimum to a countersunk 3" long drain pipe, top of the trough to have a 3/4" double wall closed hemmed edge on all four sides, and a continuous 3/4" exterior horizontal perimeter ledge, 3/4" below the top of the trough that includes 1/4-20 rivnuts to be used for leveling during installation. Include four 1/8" x 2" flat bars optimally spaced and welded to the outside of the trough with 1/2" holes to be used for anchoring during installation. Include 1/2" S/S round bars optimally spaced and structurally welded through the trough to support the grate.

Include type 304 stainless-steel strainer basket fabricated from a 3" long schedule 10 pipe. Include a continuous 9/16" ledge welded around the outer top perimeter sized to fit snug into the countersunk depression in the trough, and a 16-gauge cap welded around the inner bottom perimeter, include 3/16" round perforations in the sides and bottom for drainage.

GRATE TYPES

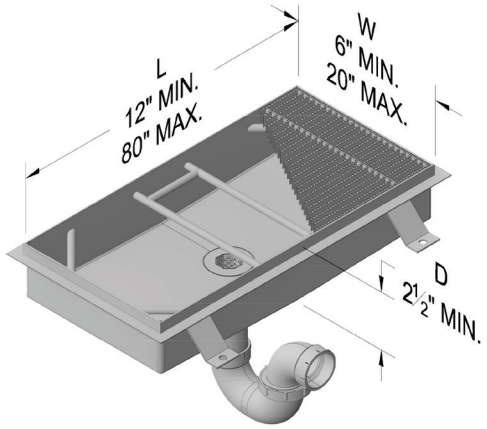
Grate to be fabricated from 7/8" x 1/8" type 304 #2b S/S flat bars, welded to perpendicular flat bars that have maximum spacing of 8", and flat bars that surround the entire perimeter of the grate. The top of all flat bars to be laser serrated to promote a non-slip surface.

- ☐ **Non-ADA Grate S/S (GRT-STD):** Flat bars spaced on 1" centers in one direction.
- ☐ **ADA Grate S/S (GRT-ADA):** Flat bars spaced on 1/2" centers in one direction.
- ☐ **Bidirectional ADA Grate S/S (GRT-BDR):** Flat bars spaced on 1/2" centers in two directions.

* *Grates shall be constructed to meet the AMSE A112.6.8 Duty Load Requirements.*

FLOOR TROUGH BODY MATERIAL

- ☐ 14 Gauge Type 304 Stainless Steel
- ☐ 16 Gauge Type 304 Stainless Steel



MODEL #FT ___" **L** ___" **W** ___" **D** INSIDE DIMENSIONS

FLOOR TROUGH ACCESSORIES

- ☐ **Drain Pipe (DP 02", DP 03", DP 04" Diameter):** Include ___" dia. round x 3" long, schedule 10 type 304 S/S Drain Pipe. To be continuously welded leak-proof to the drain opening at the bottom of the trough.
- ☐ **Anti Splash (AS):** Anti-splash geometry on all sides 1-1/2" below the top of the trough, consisting of a 1-1/2" offset at 45-degrees.
- ☐ **Grate Locking System (GLS):** Include optimally spaced 1/2" x 1/2" x 1/8" grate lock bars and 1/4-20 button head S/S tamper-proof bolts. Grate lock bars to be welded to the grate and the grate support bars, drill and tap the lock bars for through bolting.
- ☐ **Seepage Flange & Clamping Ring (SF):** Include 2" wide, 16-gauge S/S Seepage Flange, continuously welded liquid tight to the outside of the trough, 1" above the bottom, with 1/4-20 x 1/2" S/S studs and clamping flange to facilitate securing sub-floor membrane material to the trough. Includes 1/8" weep holes that facilitate fluids collected on the seepage flange to drain into the trough.

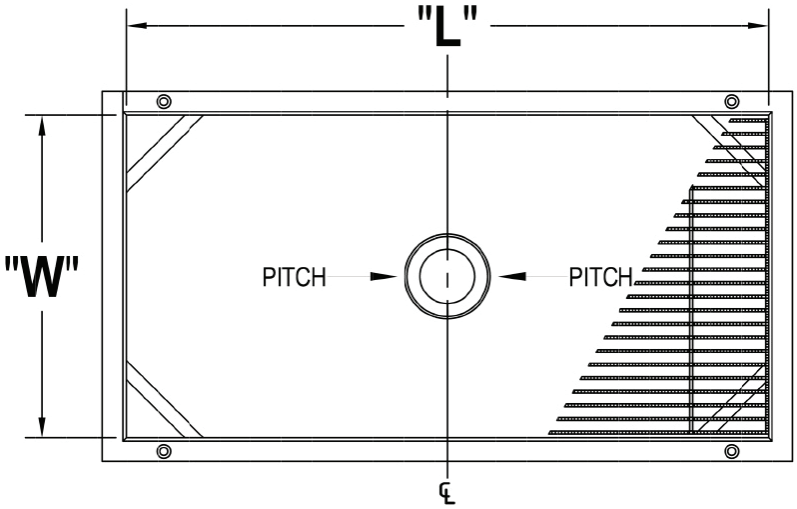
**This document is subject to change due to continuous improvement*

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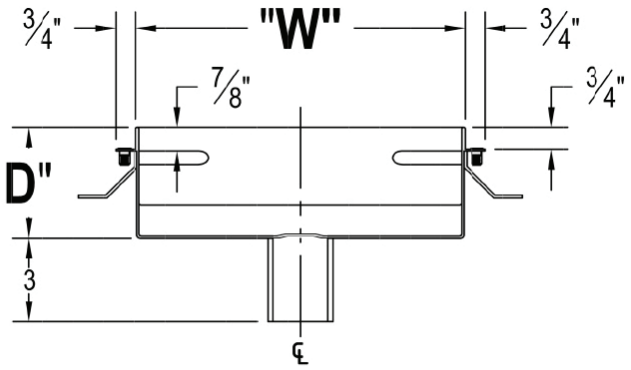
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TOP VIEW



SIDE VIEW

LENGTHS	WIDTHS					DEPTH MINIMUM	
	6”	9”	12”	18”	20”	Without Anti-Splash	With Anti-Splash
12”						2.5”	4”
16”						2.5”	4”
20”						2.5”	4”
24”						2.5”	4”
32”						4”	5”
36”						4”	5”
40”						4”	5”
48”						4”	5”
60”						5”	6”
72”						5”	6”
80”						6”	7”

INSIDE DIMENSIONS

___” L ___” W ___” D

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