

GENERAL:

The surface drainage system shall be GDT Trench Drain - Flat Bottom, to be used with GDT Trench Grates as manufactured by Global Drain Technologies.

MATERIALS:

- T304 Stainless Steel
- T316 Stainless Steel

SLOPE: 0.5% Standard

DESIGN OPTIONS:

- Material(\$): SS 304(5), SS 316(6)
- End(*): Open(0), End Cap(1), Flush Nipple(5)
- Trench Grate Height(^): 6mm w Spacer to 51mm
- Trench Grate Width(#): (W2) 152mm, 203mm, 254mm, 305mm, 356mm
- Outlet Diameter: 76mm, 102mm, 152mm
- Standard Lengths: 2946mm, 1473mm
- Custom Lengths Available

GRATES:

Bar grate with Optional Serration/Antislip Design

LOAD CLASS: A15 to E600 Available

ACCESSORIES & CLEANING TOOLS:

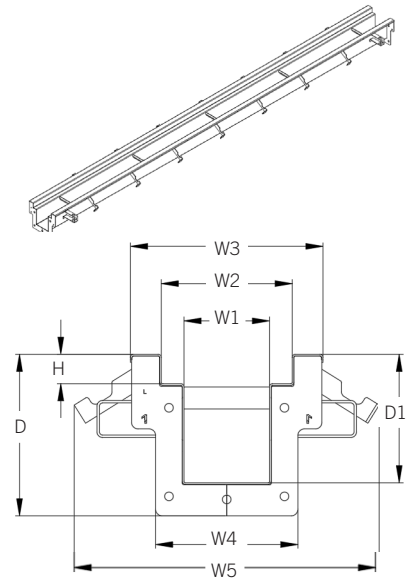
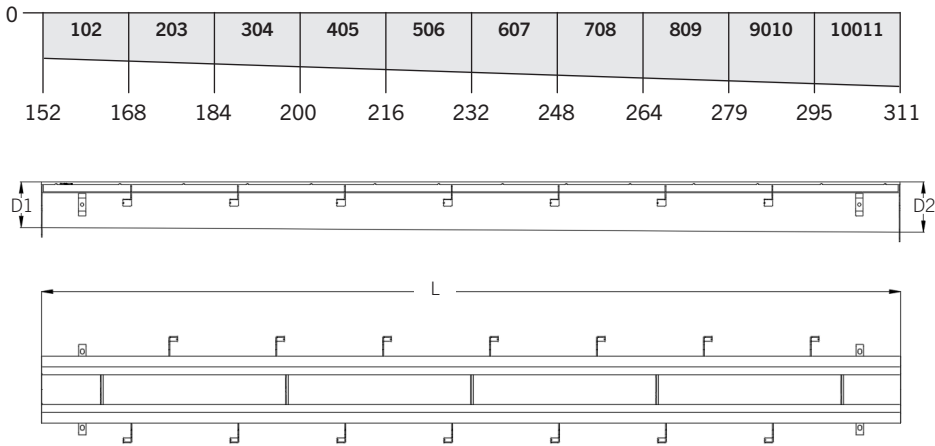
Trench Drain Cleaning Brush, Trench Hog, Flush Flo, Clean In Place (CIP) System, Tamper Proof Magnetic Strainer, Maglock, Maglock Key

INSTALLATION:

The GDT Trench Drain - Flat Bottom shall be installed in accordance with the manufacturer's installation instructions and recommendations. Trench sections are manufactured with leveling bars and flanges to secure the drain within the concrete slab.

TYPICAL MODULAR LAYOUT OF A GDT TRENCH DRAIN - FLAT BOTTOM

(Sections fit together as illustrated below)



DRAIN CHANNELS DESCRIPTION	PART NUMBER	INVERT SHALLOW (mm D1)	INVERT DEEP (mm D2)
TRENCH - FLAT 102	FTF\$^*^#-L102	152	168
TRENCH - FLAT 203	FTF\$^*^#-L203	168	184
TRENCH - FLAT 304	FTF\$^*^#-L304	184	200
TRENCH - FLAT 405	FTF\$^*^#-L405	200	216
TRENCH - FLAT 506	FTF\$^*^#-L506	216	232
TRENCH - FLAT 607	FTF\$^*^#-L607	232	248
TRENCH - FLAT 708	FTF\$^*^#-L708	248	264
TRENCH - FLAT 809	FTF\$^*^#-L809	264	279
TRENCH - FLAT 9010	FTF\$^*^#-L9010	279	295
TRENCH - FLAT 10011	FTF\$^*^#-L10011	295	311

NOTE: Catch Basins are available in any custom dimensions. Also available with 90° sections, 'TEE' sections, and Transition Pits for all of the depths specified above.

Specifying engineer is responsible for concrete encasement and reinforcing based upon application and local codes. Global Drain Technologies reserves the right to change the product and specifications without notice.