

**GENERAL:**

The surface drainage system shall be GDT Trench Drain - V-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
- 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:**

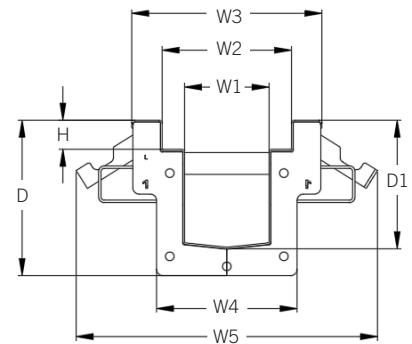
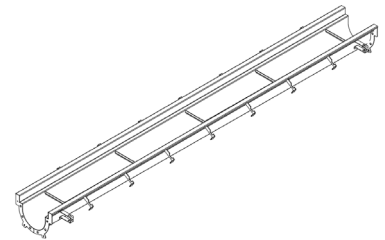
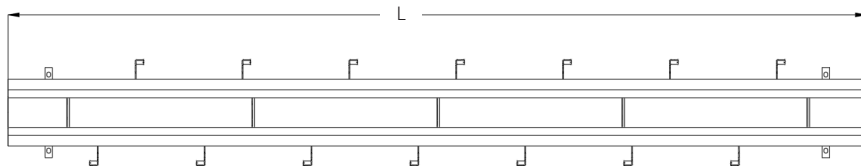
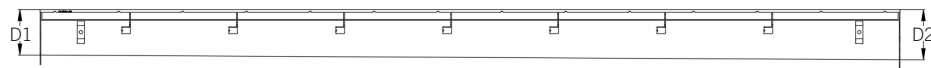
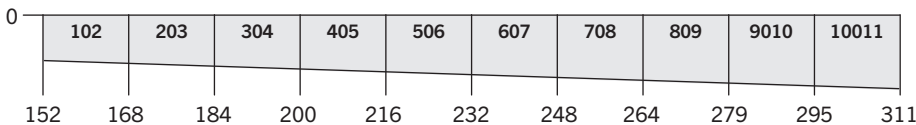
Trench Drain Cleaning Brush, Trench Hog, Flush Flo, Clean In Place (CIP) System, Tamper Proof Magnetic Strainer, Maglock, Maglock Key

**INSTALLATION:**

The GDT Trench Drain - V-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 - V-BOTTOM**

(Sections fit together as illustrated below)



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

NOTE: Catch Basins are available in any custom dimensions. Also available with 90° sections, 'T' 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.