

GENERAL:

The surface drainage system shall be GDT Trench Drain - Round 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(^): 1/4" w Spacer to 2"
- Trench Grate Width(#): 6", 8", 10", 12"
- Outlet Diameter: 3", 4", 6"
- Standard Lengths: 9' 8", 4' 10"
- Custom Lengths Available

GRATES:

Bar Grate with Optional Serration/Antislip Design

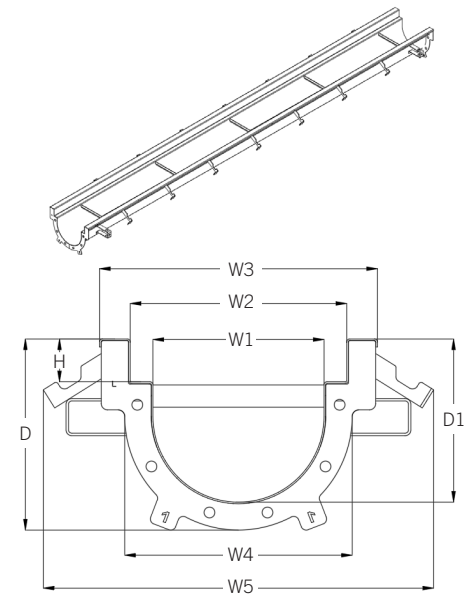
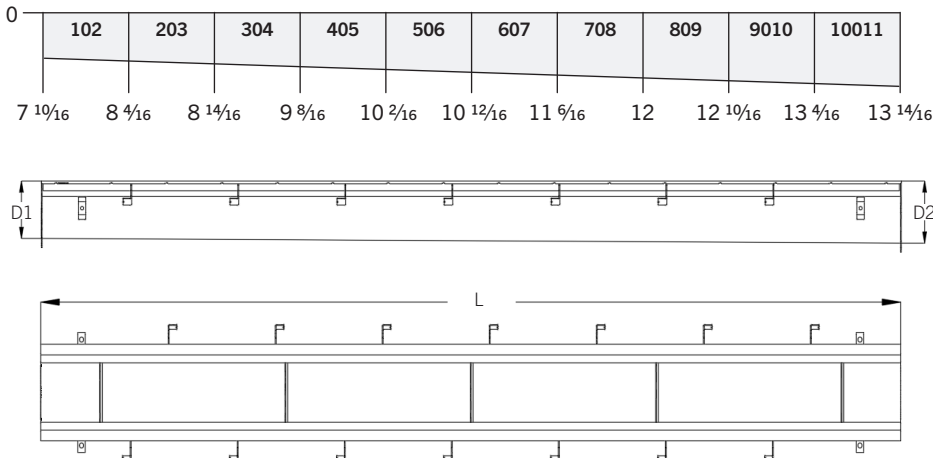
LOAD CLASS: A15 to E600 Available

INSTALLATION:

The GDT Trench Drain - Round 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 - ROUND BOTTOM

(Sections fit together as illustrated below)



DRAIN CHANNELS DESCRIPTION	PART NUMBER	INVERT SHALLOW (INCHES D1)	INVERT DEEP (INCHES D2)
TRENCH - ROUND 102	FTR\$^#-102	7 10/16	8 4/16
TRENCH - ROUND - 203	FTR\$^#-203	8 4/16	8 14/16
TRENCH - ROUND - 304	FTR\$^#-304	8 14/16	9 8/16
TRENCH - ROUND - 405	FTR\$^#-405	9 8/16	10 2/16
TRENCH - ROUND - 506	FTR\$^#-506	10 2/16	10 12/16
TRENCH - ROUND - 607	FTR\$^#-607	10 12/16	11 6/16
TRENCH - ROUND - 708	FTR\$^#-708	11 6/16	12
TRENCH - ROUND - 809	FTR\$^#-809	12	12 10/16
TRENCH - ROUND - 9010	FTR\$^#-9010	12 10/16	13 4/16
TRENCH - ROUND - 10011	FTR\$^#-10011	13 4/16	13 14/16

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. Drain starting depth varies according to the width of the trench drain.

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.