**Grate Top View** (Rotated 90°)

- **Galvanized Grate Part #12.208C.FG**
- **Locking Device Part #1887**

**Grate End View**

- **1.75" x 1.75" x 0.19" [44.5mm x 44.5mm x 4.8mm] Black Epoxy Coated Steel Angle with Anchor Studs Part #F21E**
- **Concrete Slab**
- **Expansion Joint Both Sides (Recommended)**
- **Rail Clamp**
- **Precast Polymer Concrete Trench Drain Part #PP12**
- **No-Float #4 Rebar U-Leg**
- **Anchor Slab**

**End Cross Section View**

- **Monolithic Pour 6" [152mm]** Minimum All Sides
- **3" [76mm]** Minimum
- **1" [25mm]** Minimum

**Plan Notes**

1. Series Number: PP12-12.208C.FG-F21E
2. Grates:
   - Design, Fabrication, & Testing Comply with ANSI/NAAMM MBG531
   - Material: Steel per ASTM A569, Galvanized per ASTM A123/A385
   - Open Area: 0.89 FT² per Lineal Foot [0.274 M² per Lineal Meter]
   - Load Rating: 310 PSI (AASHTO M-306 Test Method)
   - Made in the USA
2. Concrete: Concrete Thickness and Reinforcement per Structural Engineer’s Specification for the Application.