Plan Notes
1. Series Number: PD-2532BE
2. Grate & Frame:
   - Ductile Iron per ASTM A536 Grade 80-55-06 (Epoxy Coated)
   - Open Area: 0.23 FT² per Lineal Foot [0.072 M² per lineal Meter]
   - Load Rating: 2469 PSI (AASHTO M-306 Test Method-Modified)
   - Made in the USA
3. Channel encapsulation concrete design, strength, and reinforcement must be suitable for the application. Thickness per Structural Engineer, slab thickness, or 4 inches; whichever is greater.

Frame & Grate Top View
(ROTATED 90°)

19.57" [497mm]  
Frame & Grate Length

Grate & Frame Assembly
(Epoxy Coated) Part #2532BE

Grate & Frame Assembly Design
Wedge, Screw & Pawl, or Toggle Retention are Optional

Concrete Slab

Expansion Joint Both Sides (Recommended)

Precast Polymer Concrete Trench Drain Part #PD04

Anchor Rib

Soil Subgrade

Concrete Encapsulation
See Note #3 Above

Drain Cross Section

4.72" [120mm]  
5.12" [130mm]

1.26" [32mm]  
0.98" [25mm]  
2.36" [60mm]

7.09" [180mm]

Depth Varies

PolyDrain - 4" [100mm] ID Precast Trench Drain with Epoxy Coated Grate & Frame Assembly (200,000 lb Rated)

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