Plan Notes
Series Number: PP18-18.606D.FB-F20E

1. Grates:
   - Cast Gray Iron per ASTM A48, Class 35-B (Uncoated)
   - Open Area: 0.50 FT² per Lineal Foot [0.15 M² per Lineal Meter]
   - Load Rating: 494 PSI (AASHTO M-306 Test Method)
   - Made in the USA

2. Concrete: Concrete Thickness and Reinforcement per Structural Engineer's Specification for the Application.

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**GRATE TOP VIEW**  
(ROTATED 90°)

**GRATE END VIEW**

Uncoated Grate  
Part #18.606D.FB

**END CROSS SECTION VIEW**

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

18" [457mm]

- 20.25" [514mm]
- 20" [508mm]

1.5" [38mm]

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 #F20E

Concrete Slab  
Expansion Joint Both Sides (Recommended)

Rail Clamp  
Precast Polymer Concrete  
Trench Drain Part #PP18

No-Float  
#4 Rebar U-Leg

Anchor Slab

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*PDX 18 - 18" [457mm] ID Precast Trench Drain  
with Heel Proof / ADA Grate*