



**Plan Notes**

Series Number: TR18-18.606D.FB-F20E

1. Grates:

- Gray Iron per ASTM A48, Class 35-B (Uncoated)
- Open Area: 0.5 FT<sup>2</sup> per Lineal Foot [0.15 M<sup>2</sup> per Lineal Meter]
- Load Rating: 494 PSI (AASHTO M-306 Test Method)
- Made in the USA

2. Form Release: Non-Petroleum Based

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

0.25" [6mm]

**GRATE TOP VIEW  
(ROTATED 90°)**

Grate  
Part #18.606.FB

20" [508mm]

1.5" [38mm]

**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 #F20E

20.25" [514mm]

Concrete Slab

Expansion Joint Both  
Sides (Recommended)

Rail Clamp

EPS Former  
Part #TR18

No-Float  
#4 Rebar U-Leg

Anchor Slab

Depth  
Varies

18.25" [464mm]

Monolithic Pour  
6" [152mm]  
Minimum All Sides

3" [76mm]  
Minimum

1" [25mm]  
Minimum

**END CROSS SECTION VIEW**

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P.O. BOX 837, 259 MURDOCK ROAD  
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(704) 528-9806

**TFX 18 - 18" [457mm] ID Trench Former® System  
with Heel Proof / ADA Grate**

SERIES:

**TR18-18.606D.FB-F20E**

REV: 00

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