Plan Notes
2. Grates:
   - Ductile Iron per ASTM A536-84 Grade 80-55-06 (Uncoated)
   - Open Area: 0.81 FT² per Lineal Foot [0.091 M² per Lineal Meter]
   - Load Rating: 620 PSI (AASHTO M-306 Test Method)
   - Made in the USA
3. Form Release: Non-Petroleum Based
4. Concrete: Concrete Thickness and Reinforcement per Structural Engineer's Specification for the Application.

14" [359mm] Depth
Invert Varies

1.81" [46mm] Grate Part #12.502E.GB
Uncoated

2" X 2" X 0.19" [50.8mm X 50.8mm X 3mm]
Epoxy Coated
Steel Angle with Anchor Studs
Part #G21E

Precast Polymer Concrete
Trench Drain Part #PP12

No-Floate
#4 Rebar U-Leg

Anchor Slab

Expansion Joint Both Sides (Recommended)

Rail Clamp

Concrete Slab

Monolithic Pour
6" [152mm]
Minimum All Sides

3" [69mm]
Minimum

1" [25mm]
Minimum

14.125" [359mm] Depth

1.81" [46mm]
Grate Part #12.502E.GB
Uncoated

0.50" Anchor Pin

Hold Down Device
Part #1811A

GRATE END VIEW

14" [356mm]

PDX-12 SYSTEM
END CROSS SECTION VIEW

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