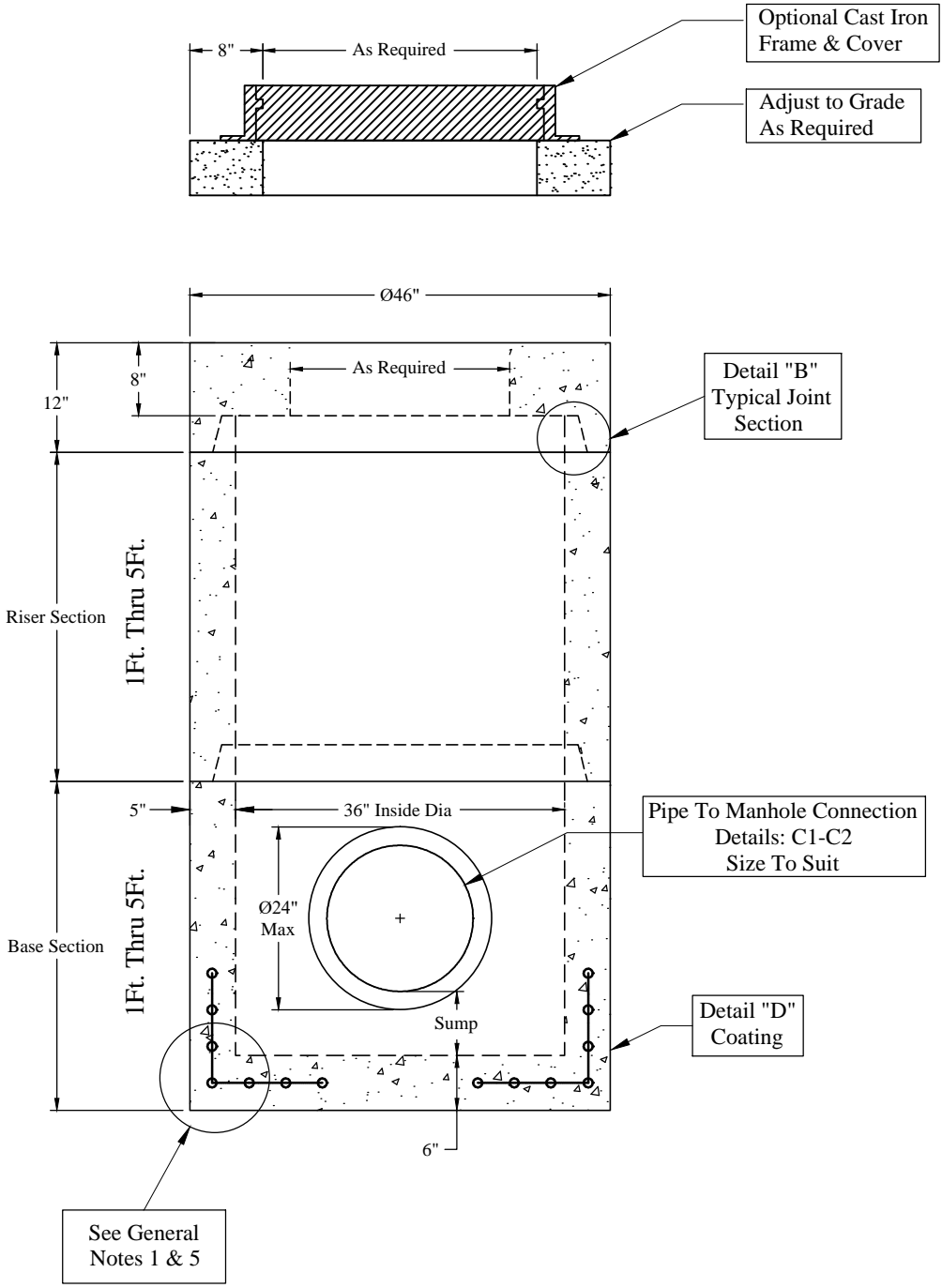


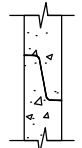

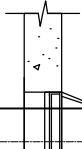
Std Structures\3ft Dia\3ft Dia_Drain Manhole_Catch Basin_General Sales.dwg

Phoenix Precast Products

Phoenix Precast Products



Pipe To Manhole Connections

Butyl Rubber Joint	 <div style="border: 1px solid black; padding: 2px; width: fit-content; float: right;">B</div>
Mortar By Contractor	 <div style="border: 1px solid black; padding: 2px; width: fit-content; float: right;">C1</div>
Flexible Sleeve	 <div style="border: 1px solid black; padding: 2px; width: fit-content; float: right;">C2</div>
Coating	<div style="border: 1px solid black; padding: 2px; width: fit-content; float: right;">D</div> <p style="text-align: center;">Exterior Asphalt Coating</p>

Note:
Butyl Rubber Section Joint Conforms To Latest ASTM C990 Spec. And Federal Spec. SS-S-210A

Non-Shrink Grout By Contractor

- General Notes**
- 1.) Reinforcement Steel Conforms To:
Latest ASTM A 185 Specifications
0.12 Sq. In. / Lineal Ft. And 0.12 Sq./In.
(Both Ways) Base Bottom & ASTM A-615 Grade 60 Black Deformed Bars
 - 2.) Concrete Compressive Strength: 4,000 PSI @ 28 Days
 - 3.) Manhole Design:
Conforms To The Latest ASTM C478 Specifications For "Precast Reinforced Concrete Manhole Sections".
 - 4.) All Sections Are Designed To Meet Or Exceed HS-20 Loading And Superimposed Dead Load.
 - 5.) One Pour Monolithic Base Section

<p>Phoenix Precast Products</p>	<p>Typical 3' Diameter Drain Manhole</p>
--	---