



**CITY OF SAN MARCOS  
STANDARD PRODUCTS LIST**

SPL No. WW-219  
Sheet 1 of 1

for

**32 INCH MANHOLE COVER CASTING SETS**

**ISSUED: 09/01/2014**

**REVISED: 09/18/2018**

**DESCRIPTION:** Manhole Rings and Covers (32" diameter covers): Ring shall be Gray Cast Iron, ASTM A48, Class 30B or higher or Ductile Iron, ASTM A536, Grade 60-40-18 or higher. Cover shall be Ductile Iron, ASTM A536, Grade 60-40-18 or higher. Cover marked per COSM Details. Weight shall be as required for HS-20 loading with appropriate safety factors and as shown on manufacturer's drawings and on casting. Castings 5 pounds or more underweight will be rejected. Maximum weight of cover shall be 175 lbs plus 3 percent.

APPROVAL DATE	MANUFACTURER	PRODUCT IDENTIFICATION/COMMENT
09/01/14	EJ (formerly East Jordan Iron Works) 216 E. 6th Street San Angelo, TX 76901 (formerly Western Iron Works and Vulcan Foundry)	<b><u>IN PAVING</u></b> <b>Sanitary Sewer Frame &amp; Cover - 32" Bolted</b> -Product Number: 42432002 <b>Sanitary Sewer Frame &amp; Cover - 32" Unbolted</b> -Product Number: 41432088 <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Bolted</b> -Product Number: 414300012W01 <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Unbolted</b> -Product Number: 414300017A01
09/18/18	EJ (formerly East Jordan Iron Works) 216 E. 6th Street San Angelo, TX 76901 (formerly Western Iron Works and Vulcan Foundry)	<b><u>OUT OF PAVING</u></b> <b>Sanitary Sewer Frame &amp; Cover - 32" Bolted</b> -Product Number: 42432043W01 <b>Sanitary Sewer Frame &amp; Cover - 32" Unbolted</b> -Product Number: 41432054A01 <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Bolted</b> -Product Number: 414300012W02 <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Unbolted</b> -Product Number: 414300017A02
09/01/14	Neenah Foundry 2121 Brooks Avenue Neenah, WI 54956	<b><u>IN PAVING</u></b> <b>Sanitary Sewer Frame &amp; Cover - 32" Bolted/Unbolted</b> -Product Number: 1274-5222  <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Bolted/Unbolted</b> -Product Number: 1274-5221
07/01/18	Neenah Foundry 2121 Brooks Avenue Neenah, WI 54956	<b><u>OUT OF PAVING</u></b> <b>Sanitary Sewer Frame &amp; Cover - 32" Bolted/Unbolted</b> -Product Number: Cover: 1274-2222; Frame: R-1930-30  <b>Storm Sewer Frame &amp; Salamander Stamped Cover - 32" Bolted/Unbolted</b> -Product Number: 1274-2221; Frame: R-1930-30

**NOTE:**

1. Must be in compliance with above description and with City of San Marcos Standard Detail. Machined surfaces shall be true to dimensions shown; no principal dimensions shall vary by more than 1/8" from dimension given on Standard Detail. Rocking or interference in fit between interchanged frame and cover will not be acceptable.
2. Manufacturer's application to the Standards Committee shall include independent laboratory report on proof load test. Load test shall meet AASHTO M-306. Proof load test shall be by domestic laboratory, and test results shall be sealed by Texas-licensed professional engineer. Utility will require certification every 2 years stating that there has been no change in design or manufacture of these castings. If variations from manufacturer's weights are found, a new test by an independent laboratory of a randomly selected casting set will be required at the manufacturer's expense.