



**CITY OF SAN MARCOS
STANDARD PRODUCTS LIST**

SPL No. WW-219
Sheet 1 of 1

for

31-7/8" to 32 INCH MANHOLE COVER CASTING SETS

ISSUED: 09/01/2014

REVISED: 01/01/2020

DESCRIPTION: Manhole Rings and 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
02/15/19	EJ (formerly East Jordan Iron Works) 216 E. 6th Street San Angelo, TX 76901 (formerly Western Iron Works and Vulcan Foundry)	Sanitary Sewer Frame & Cover: 32" Bolted -Product Number: 42432002 Sanitary Sewer Frame & Cover: 32" Unbolted -Product Number: 41432088 Storm Sewer Frame & Salamander Stamped Cover: 32" Bolted -Product Number: 414300012W01 (<i>See Note 3</i>) Storm Sewer Frame & Salamander Stamped Cover: 32" Unbolted -Product Number: 414300017A01 (<i>See Note 3</i>) Storm Sewer Frame & Salamander Stamped Cover: 31 - 7/8" Cam Lock -Product Number: 41420295A02
09/01/14	Neenah Foundry 2121 Brooks Avenue Neenah, WI 54956	Sanitary Sewer Frame & Cover - 32" Bolted/Unbolted -Product Number: 1274-5222 Storm Sewer Frame & Salamander Stamped Cover - 32" Bolted/Unbolted -Product Number: 1274-5221 (<i>See Note 3</i>)

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.
3. This product will not be accepted after 02/15/2021. Product production has stopped with limited supply remaining. When lids are no longer available, the 31-7/8" Cam lock design will be used in place of bolted and unbolted lids.