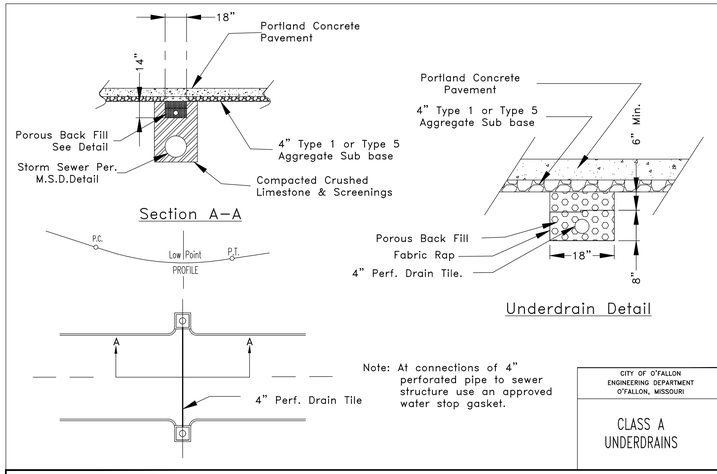
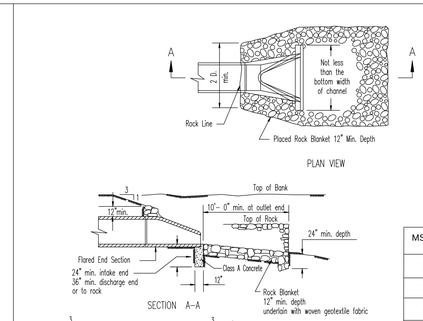


Note: At connections of 4" perforated pipe to sewer structure use an approved water stop gasket.

CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

CLASS A UNDERDRAINS



NOTE:
1. To be used at intake and discharge end of pipe. Grade of Rock Blanket to be adjusted accordingly.
2. Woven Geotextile Fabric required under Rock Blanket.

* The discharge point of all flared end sections hall be protected by rip rap or other approved means.

** Rip rap shown at flared end sections will be evaluated in the field by the Engineer, Contractor, and City Inspectors after installation for effectiveness and field modified, if necessary to reduce erosion on and off site.

MSD Type 5 Rock Blanket (% By Weight Passing)			
Sieve	Maximum	Minimum	
12 inch	90	70	
6 inch	30	10	
1/2 inch	5	0	

CITY OF O'FALLON
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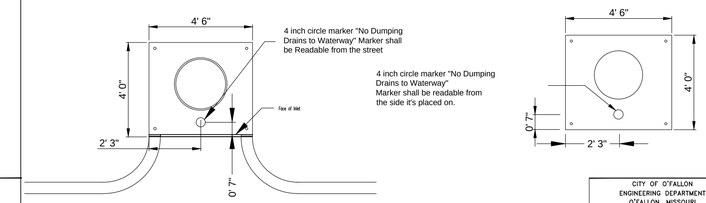
O'FALLON, MISSOURI

SEWER CONSTRUCTION DETAILS
FLARED END SECTION (INLET/OUTLET PROTECTION)

* The City of O'Fallon must be provided with a symbol/medallion for review and approval prior to installation. Contact the City if any information is needed.

Size	Style	Adhesive	Message (Part #)
3 7/8" TO 4"	Crystal Cap or Standard Style	Epoxy	No Dumping Drains to Waterway



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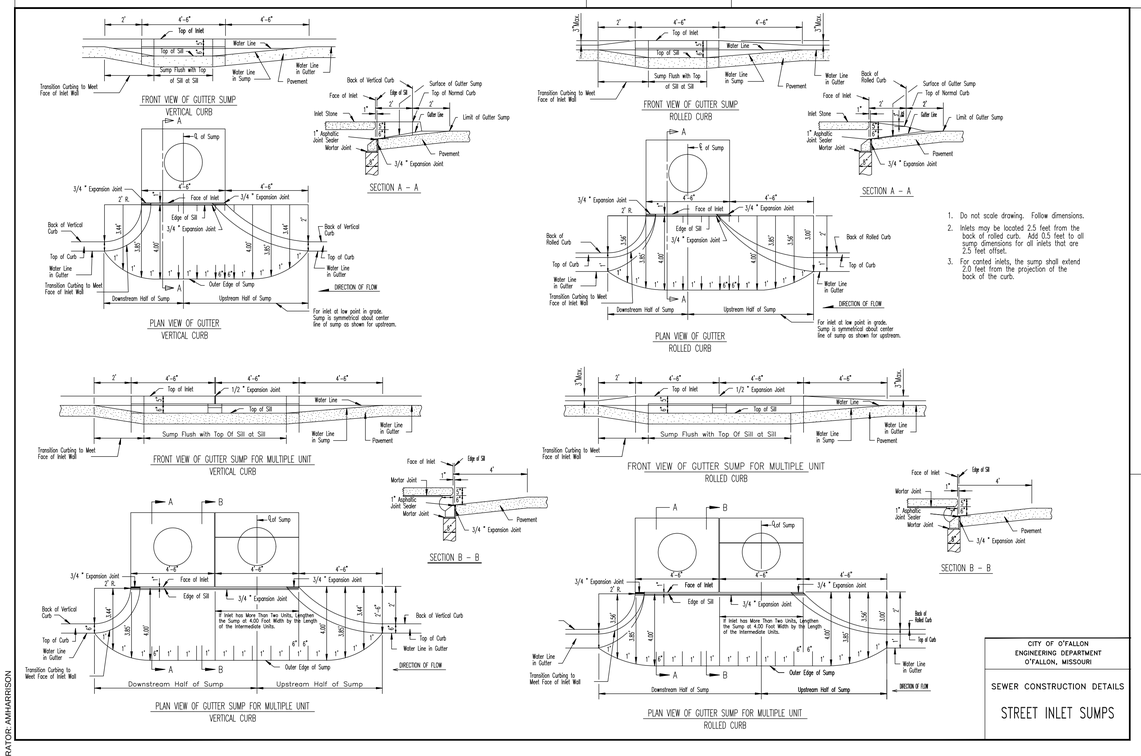
STORM DRAIN MARKER LOCATION



1. Do not scale drawing. Follow dimensions.
2. Inlets may be located 2.5 feet from the back of rolled curb. Add 0.5 feet to all sump dimensions for all inlets that are 2.5 feet offset.
3. For canted inlets, the sump shall extend 2.0 feet from the projection of the back of the curb.

CITY OF O'FALLON
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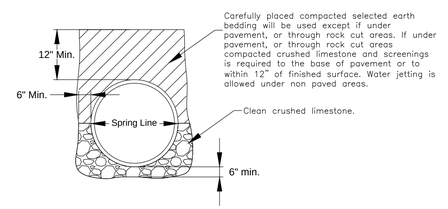
O'FALLON, MISSOURI

SEWER CONSTRUCTION DETAILS
STREET INLET SUMPS



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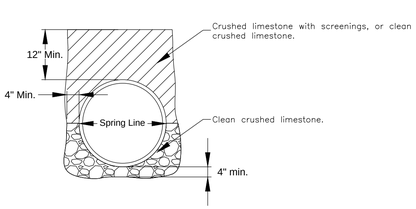
STORM SEWER TRENCH DETAIL



CITY OF O'FALLON
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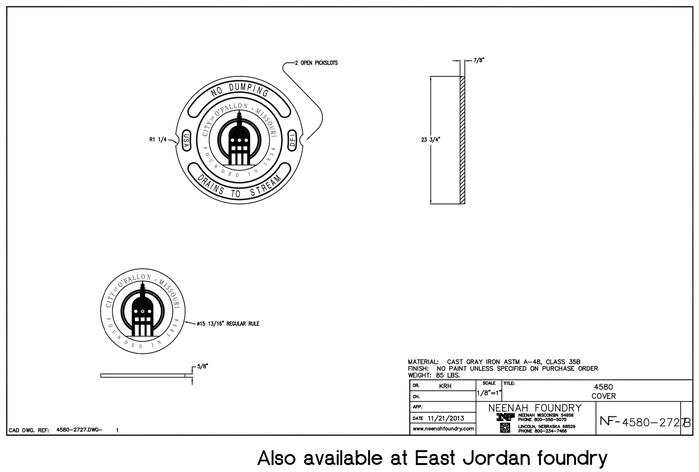
O'FALLON, MISSOURI

SANITARY SEWER TRENCH DETAIL

* All other Storm or Sanitary Sewer Details will be by M.S.D. 2000 Standards and Specifications.

** All inlets shall have 5/8" trash bar centered with the opening(s).



Also available at East Jordan foundry

PRINTS ISSUED
05/11/18 - Permit Set

REVISIONS:

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101 LAURA K DR., STE. 101 O'FALLON, MO 63366-3991
636-329-9296 • FAX 844-339-2910 • WWW.HORNERSHIFRIN.COM
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CERTIFICATE OF AUTHORITY: 000159
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STATE OF MISSOURI
APRIL M. GEISMANN
NUMBER E-2001004592
PROFESSIONAL ENGINEER
7/18/18

Name:	April Geismann
Discipline:	Civil Engineer
License No.	E2001004592
Expiration Date:	12/31/2019

RENEW O'FALLON

T.R. HUGHES BLVD
O'FALLON, MO 63366

SHEET TITLE STORM AND SANITARY SEWER DETAILS

PROJECT NUMBER: 17050

SHEET NUMBER:

C10.3

DRAWN BY: AMH CHECKED BY: AMG

OPERATOR: AMHARRISON
DWG: C:\pwproj\alharrison\esi\dms19759\Details.dwg
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