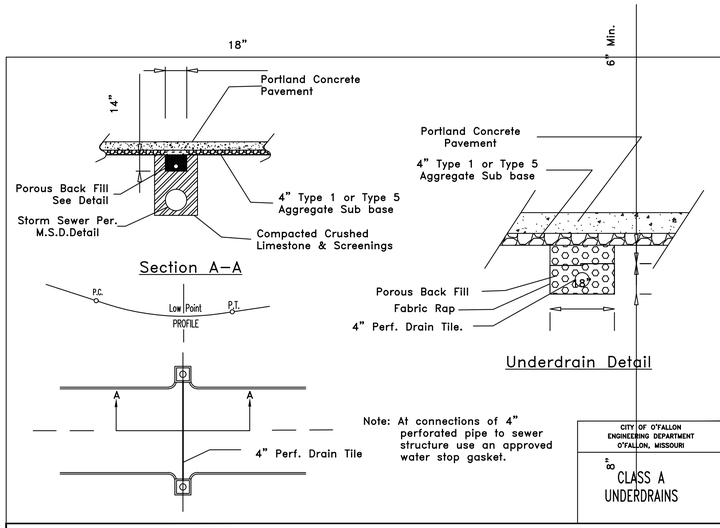
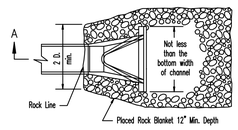
ISSUE	DATE / REMARKS
1	08/28/2017 Initial Submittal
2	10/06/2017 City Comments
3	11/10/2017 City Comments
4	12/16/2017 City Comments
5	01/11/2018 City Resubmittal

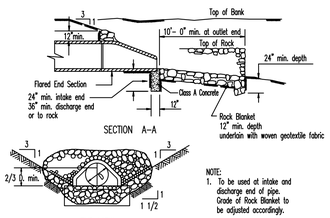


CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

CLASS A UNDERDRAINS



PLAN VIEW



* 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.

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.

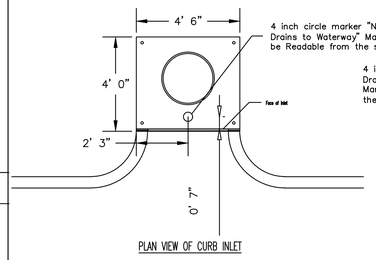
MSD Type 5 Rock Blanket (% By Weight Passing)		
Sieve	Maximum	Minimum
12 inch	90	70
6 inch	30	10
1/2 inch	5	0

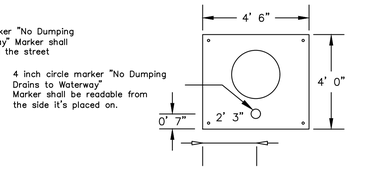
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

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.

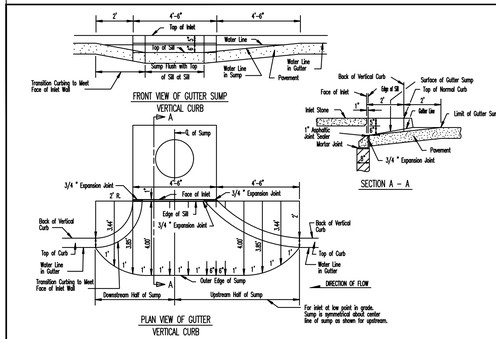
Size	Style	Adhesive	Message (Part #)
3 7/8" TO 4"	Crystal Cap or Standard Style	Epoxy	No Dumping Drains to Waterway

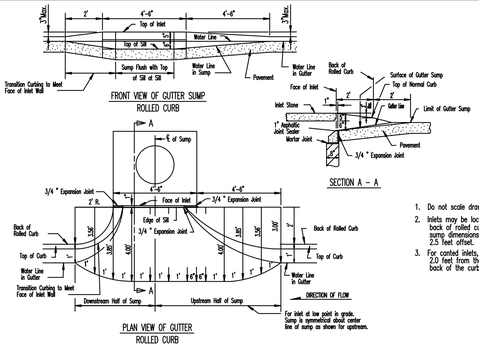




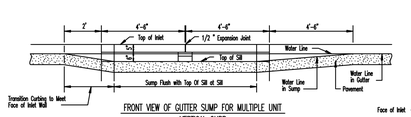
CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

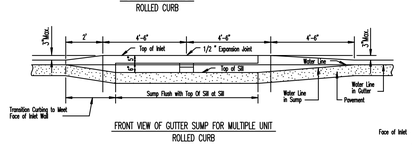
STORM DRAIN MARKER LOCATION

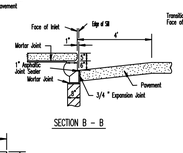


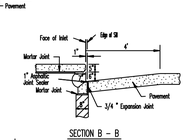


1. Do not scale drawing. Follow dimensions.
2. Inlets may be located 2.5 feet from the back of rolled curb. Add 0.5 feet to all sump dimensions for all inlets that are 2.5 feet offset.
3. For canted inlets, the sump shall extend 2.0 feet from the projection of the back of the curb.



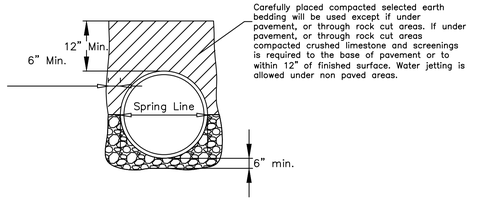






CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

SEWER CONSTRUCTION DETAILS
STREET INLET SUMPS

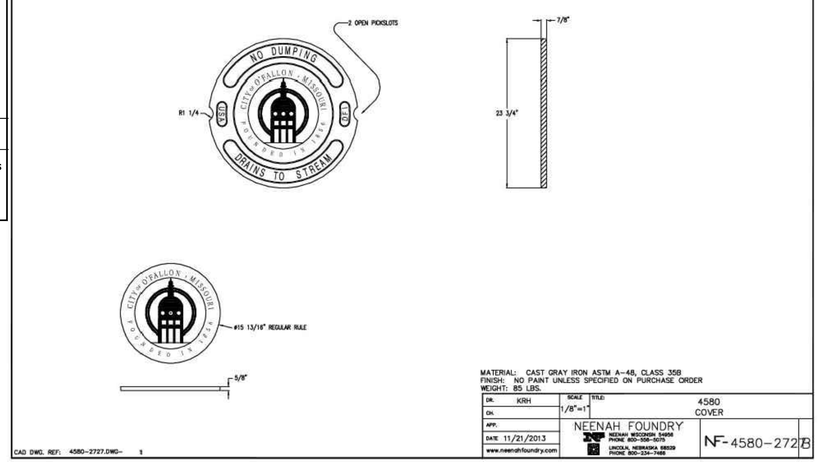


FOR STORM SEWERS ONLY. SEE SHEET 8.3 FOR SANITARY SEWER TRENCH DETAIL

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

TRANCH DETAIL

* All other Storm or Sanitary Sewer Details will be by M.S.D. 2007 Standards and Specifications.



STORM SEWER LID DETAIL

PROJECT TITLE

Brookview

O'FALLON, MISSOURI

THE STERLING CO.
ENGINEERS & SURVEYORS
5055 New Baumgartner Road
St. Louis, Missouri 63129
Ph 314-487-0440 Fax 314-487-8944
www.sterling-eng-sur.com
Corporate Certificate of Authority #001348

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STATE OF MISSOURI
SEAN M. ACKLEY
NUMBER
PE-2009018679
PROFESSIONAL ENGINEER

Date: 01/11/18
SEAN ACKLEY
LICENSE # PE-2009018679
Civil Engineer

McBride Guthrie, LLC
16091 Swingley Ridge Road, Suite 300
Chesterfield, Missouri 63017
Ph. (636) 537-2000
Fax (636) 537-2546

SEWER DETAILS

P+Z No. 17-005894
City No. 17-008288
Date: 01/11/18
Job No. 17-02-041

Page No.
13.5
IMP

"Final Plan" Approval Date: August 24, 2017