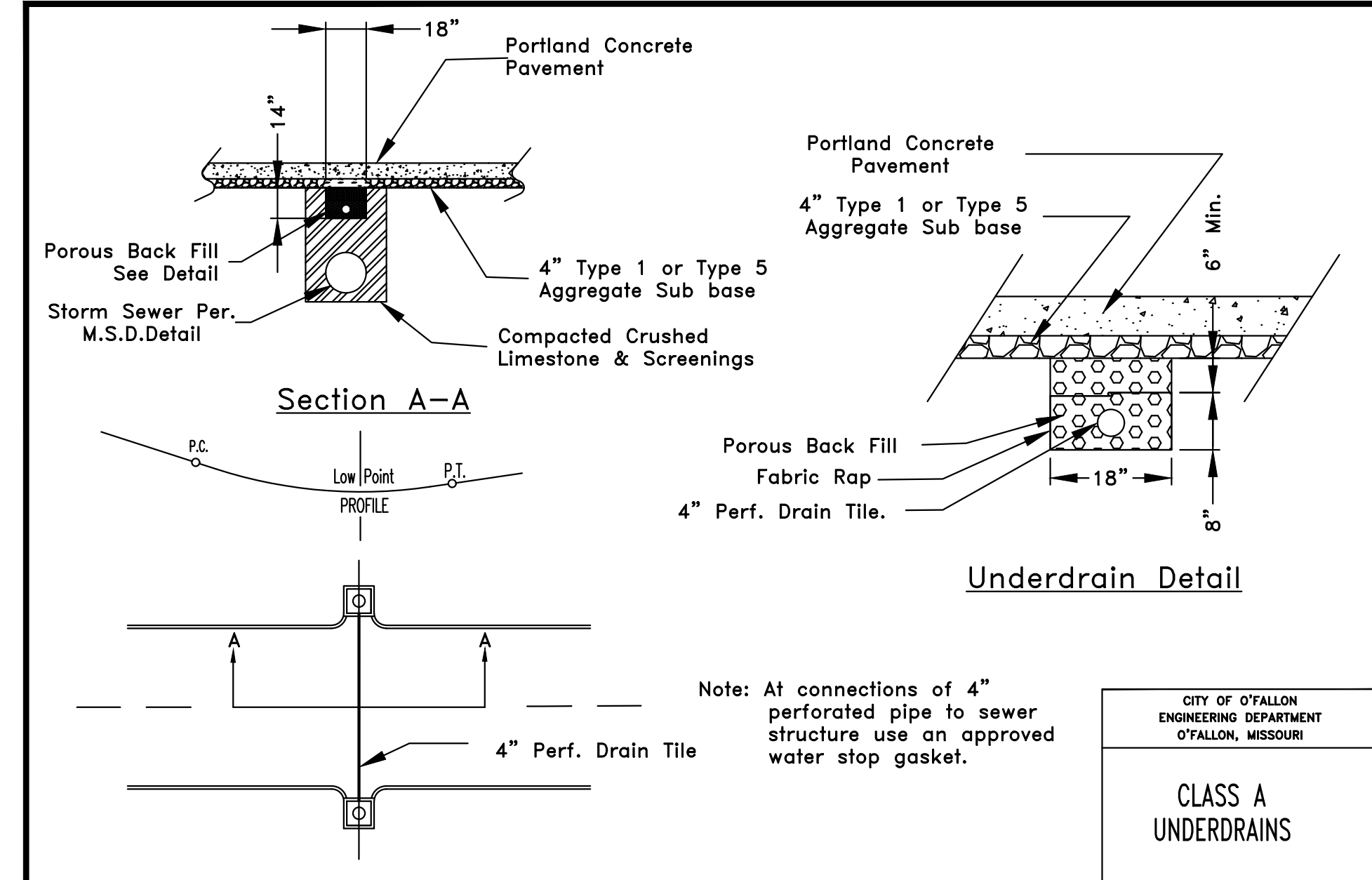
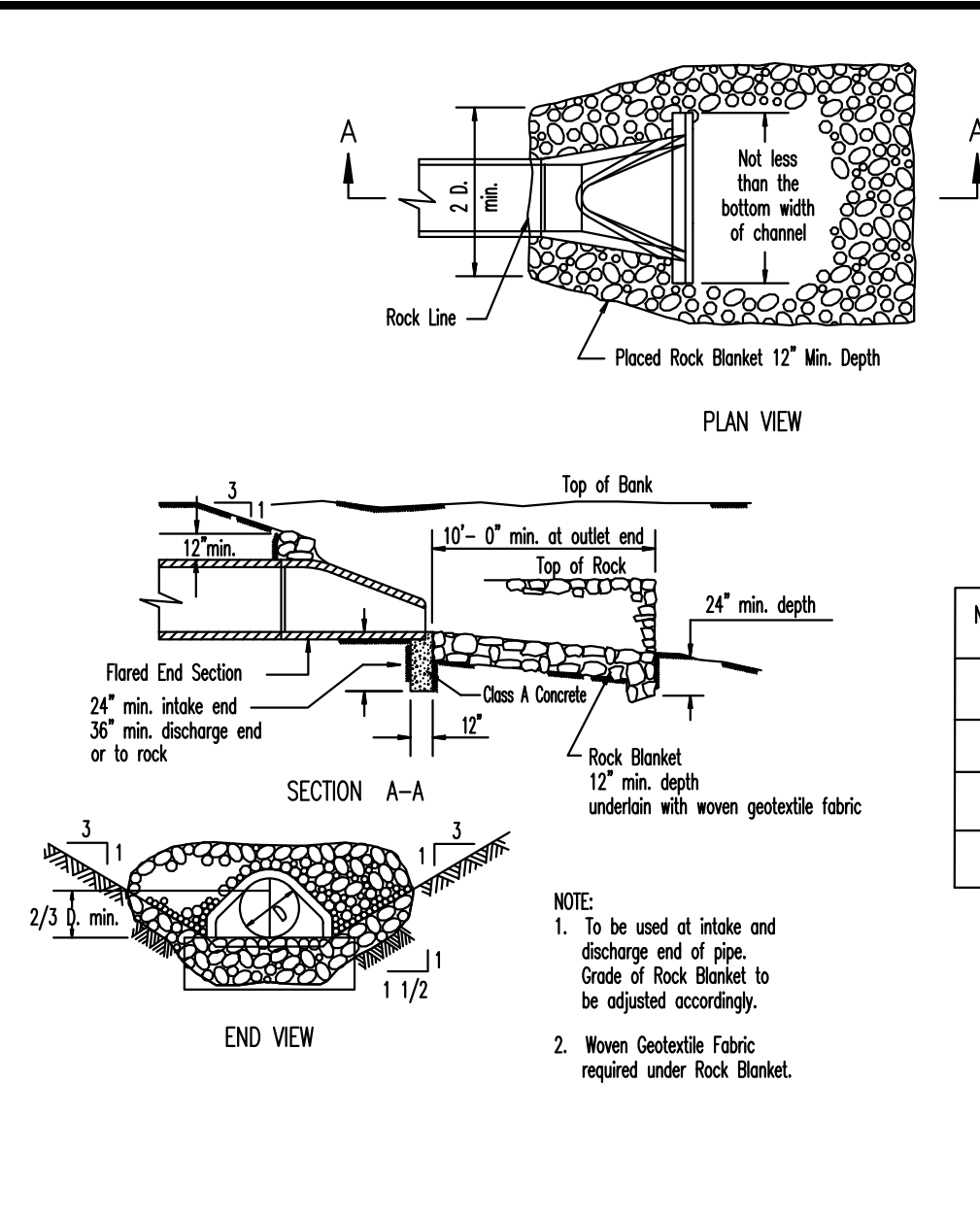


Drawing name: V:\14\2405 Shady Creek Addition\Drawings\Engineering\Improvements\2405 IMP Details.dwg    Rolled on: Dec 02, 2020 - 10:58am    Plotted by: smolitor



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

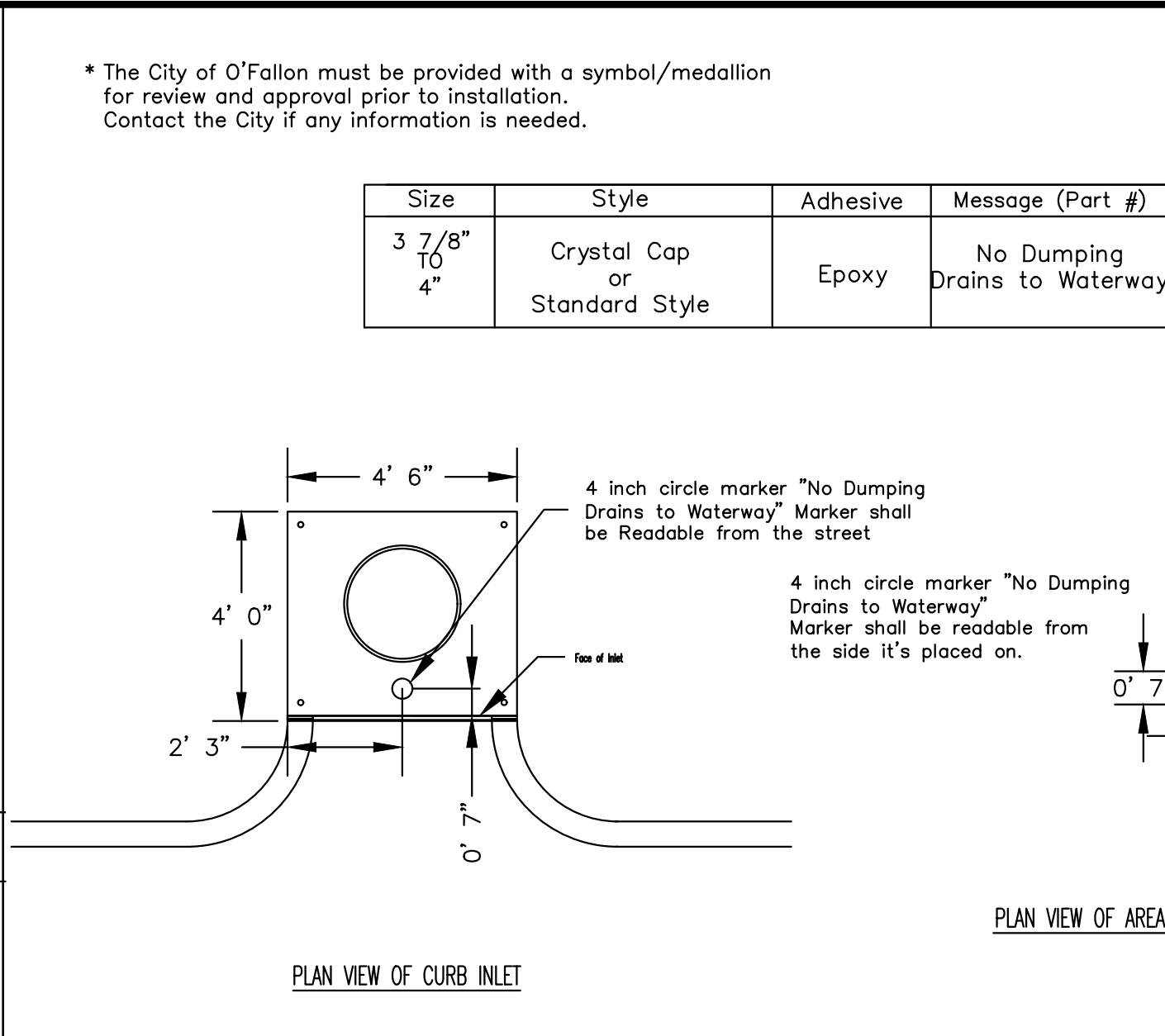
**CLASS A  
UNDERDRAINS**



| 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

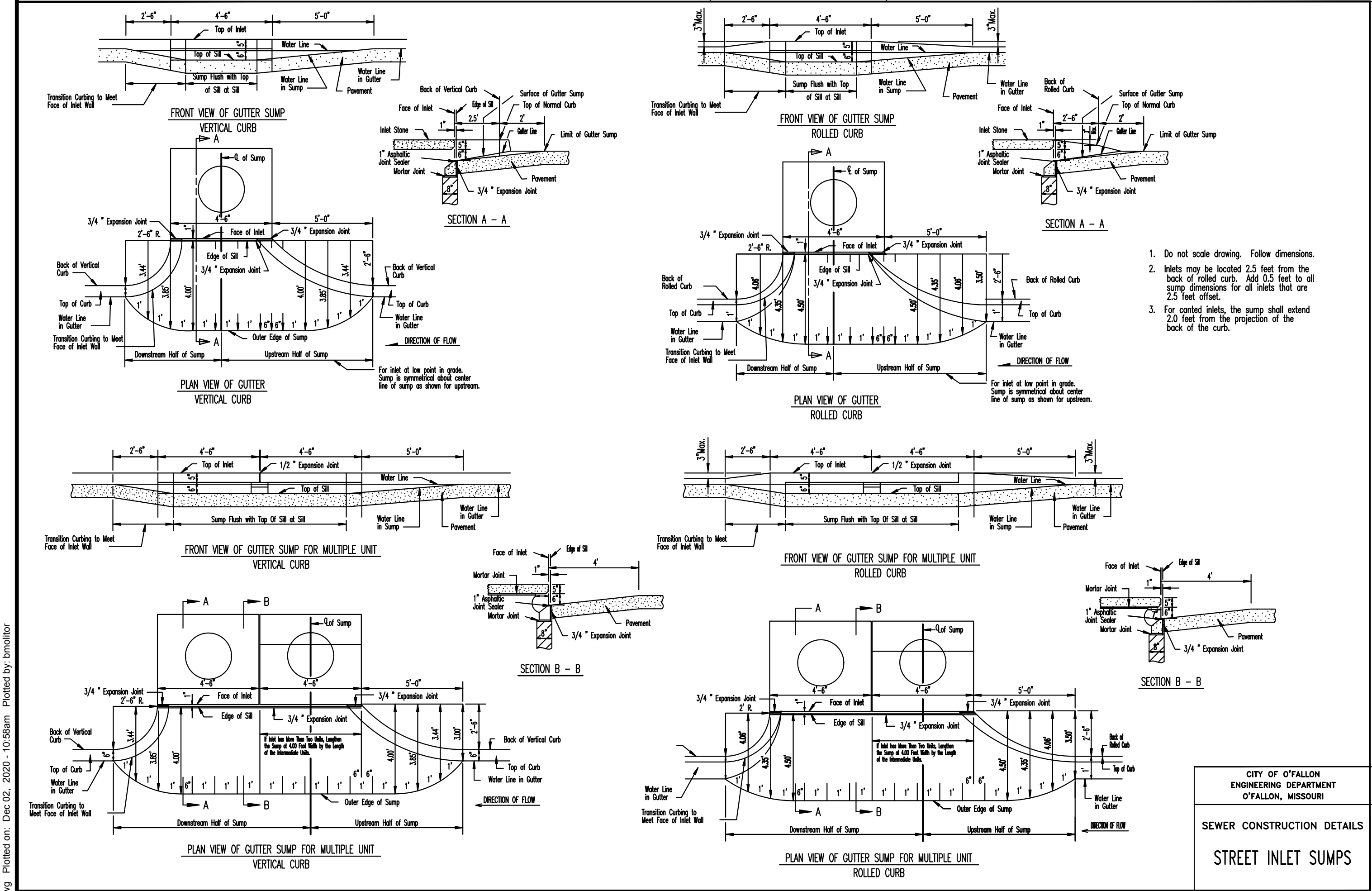
**SEWER CONSTRUCTION DETAILS  
FLARED END SECTION  
(INLET/OUTLET PROTECTION)**



| ISSUE | DATE / REMARKS                   |
|-------|----------------------------------|
| 1     | 5-22-2020 Initial Submittal      |
| 2     | 7-14-2020 City Comment Revisions |
| 3     | 8-13-2020 City Comment Revisions |
| 4     | 9-01-2020 City Comment Revisions |
| 5     | 12-02-2020 City Approval         |

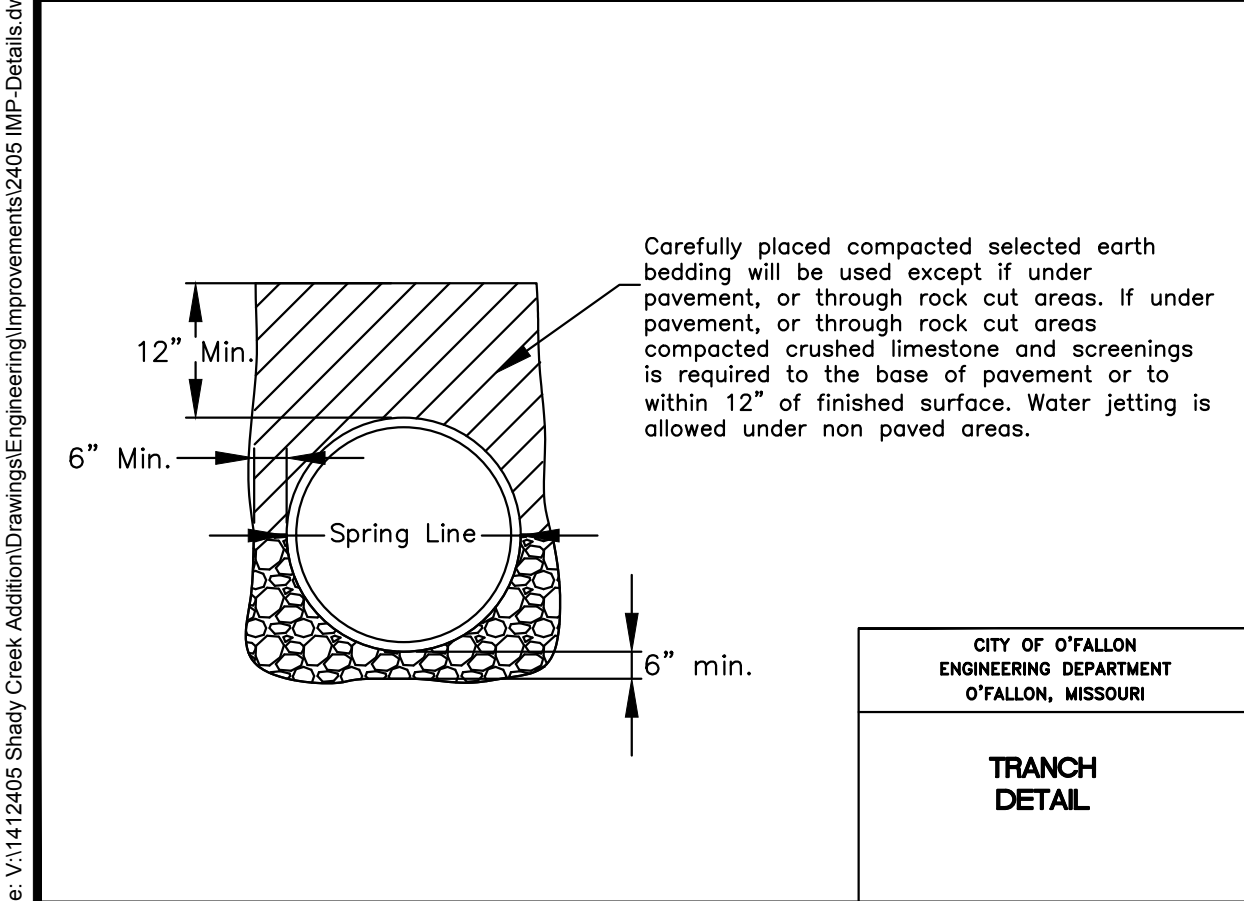
CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**STORM DRAIN  
MARKER LOCATION**



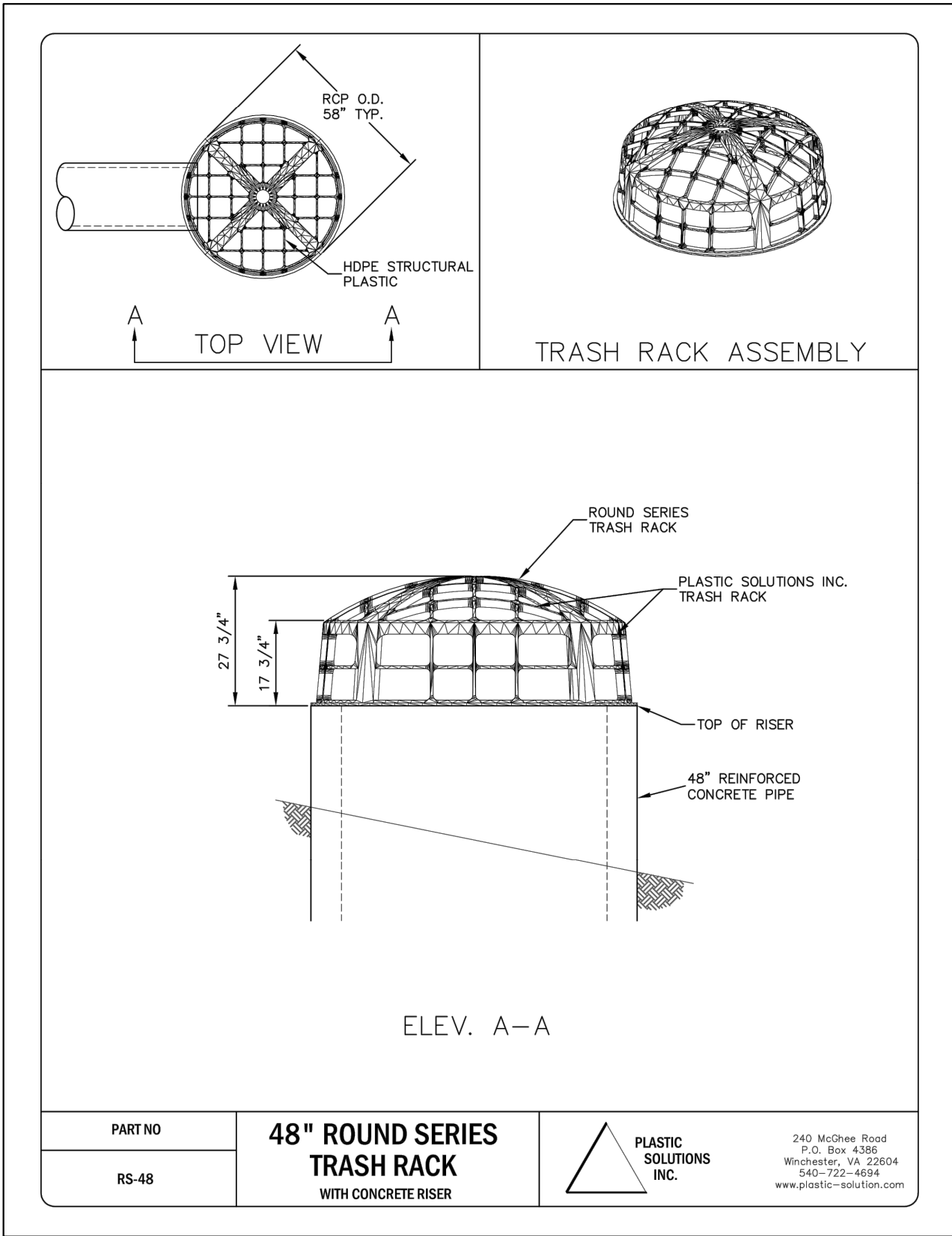
CITY OF O'FALLON  
ENGINEERING DEPARTMENT  
O'FALLON, MISSOURI

**SEWER CONSTRUCTION DETAILS  
STREET INLET SUMPS**



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

**TRANCH  
DETAIL**



PART NO  
RS-48

**48" ROUND SERIES  
TRASH RACK  
WITH CONCRETE RISER**

PLASTIC SOLUTIONS  
INC.

240 McCheser Road  
P.O. Box 4088  
Winchester, VA 22604  
440-722-4684  
www.plasticsoln.com

\* All other Storm Sewer Details will be by M.S.D. 2009 Standards and Specifications.

\*\* ALL INLETS SHALL HAVE A 5/8" TRASH BAR CENTERED WITHIN THE OPENING(S).

PROJECT TITLE

**SHADY CREEK  
ADDITION**

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-survey.com  
Corporate Certificate of Authority #001348

STATE OF MISSOURI  
RODNEY ARNOLD  
NUMBER  
PE-2002016612  
PROFESSIONAL ENGINEER

Date: 12/02/2020  
RODNEY ARNOLD  
LICENSE # PE-2002016612  
Professional Engineer

Lombardo Homes of St. Louis, LLC

2299 Technology Drive, Suite 150  
O'Fallon, Missouri 63368  
Ph. (636) 265-2710  
Fax (636) 695-3195  
www.lombardohomesstlouis.com

**STORM SEWER DETAILS**

P+Z No. P&Z NO

City No.

Date: 12/02/2020

Job No. 14-12-405

Page No.

**DTL-8**

IMP