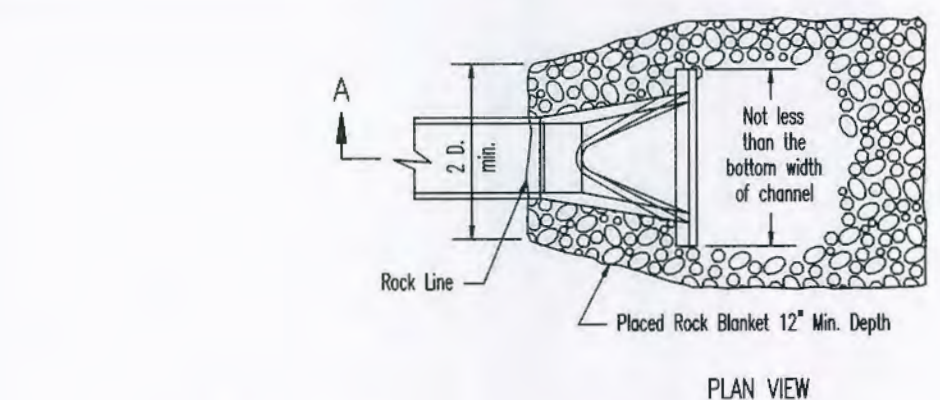


CITY OF O'FALLON
ENGINEERING DEPARTMENT
O'FALLON, MISSOURI

**TRENCH
DETAIL**

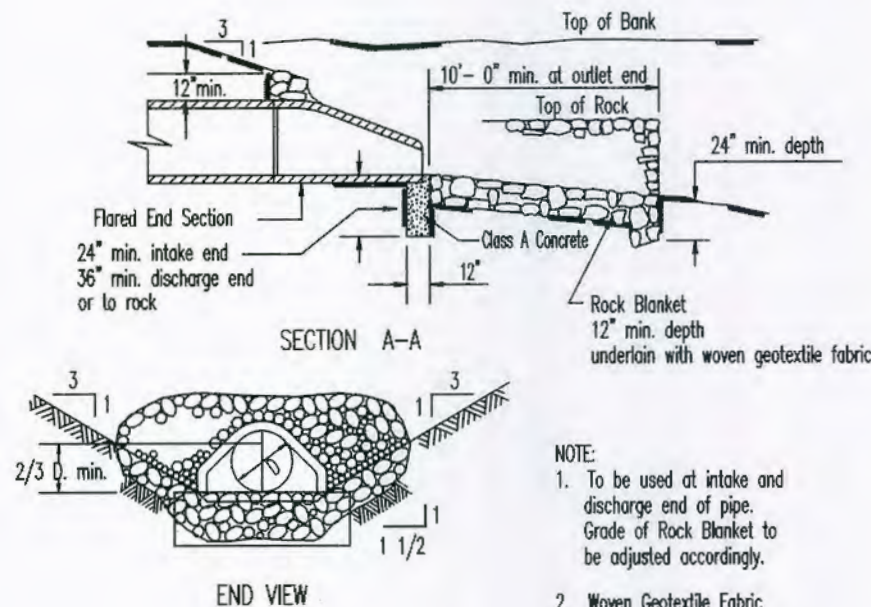


* The discharge point of all flared end sections shall be protected by rip rap or other approved means.

** 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



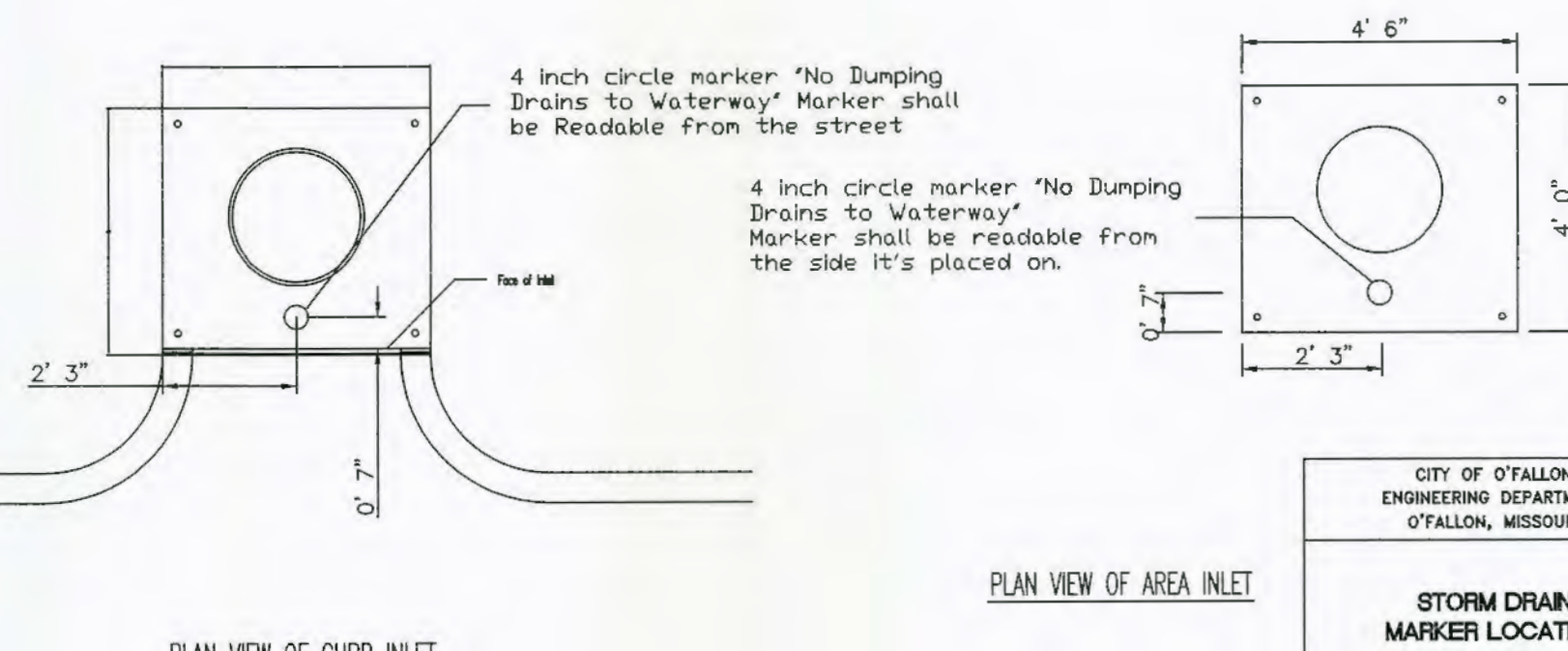
NOTE:
1. To be used at intake and discharge end of pipe. Grade of Rock Blanket to be adjusted accordingly.
2. Woven Geotextile Fabric required under Rock Blanket.

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.

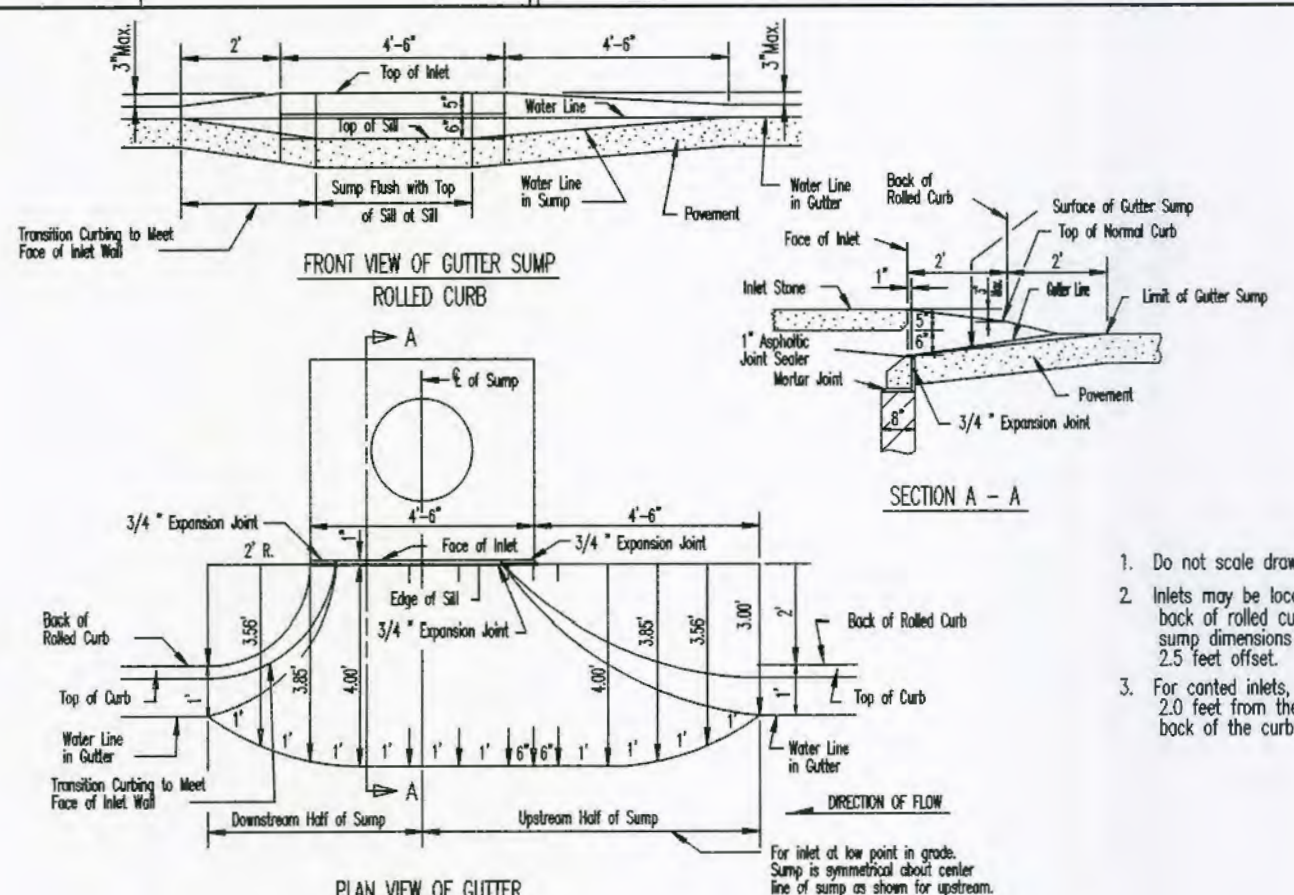
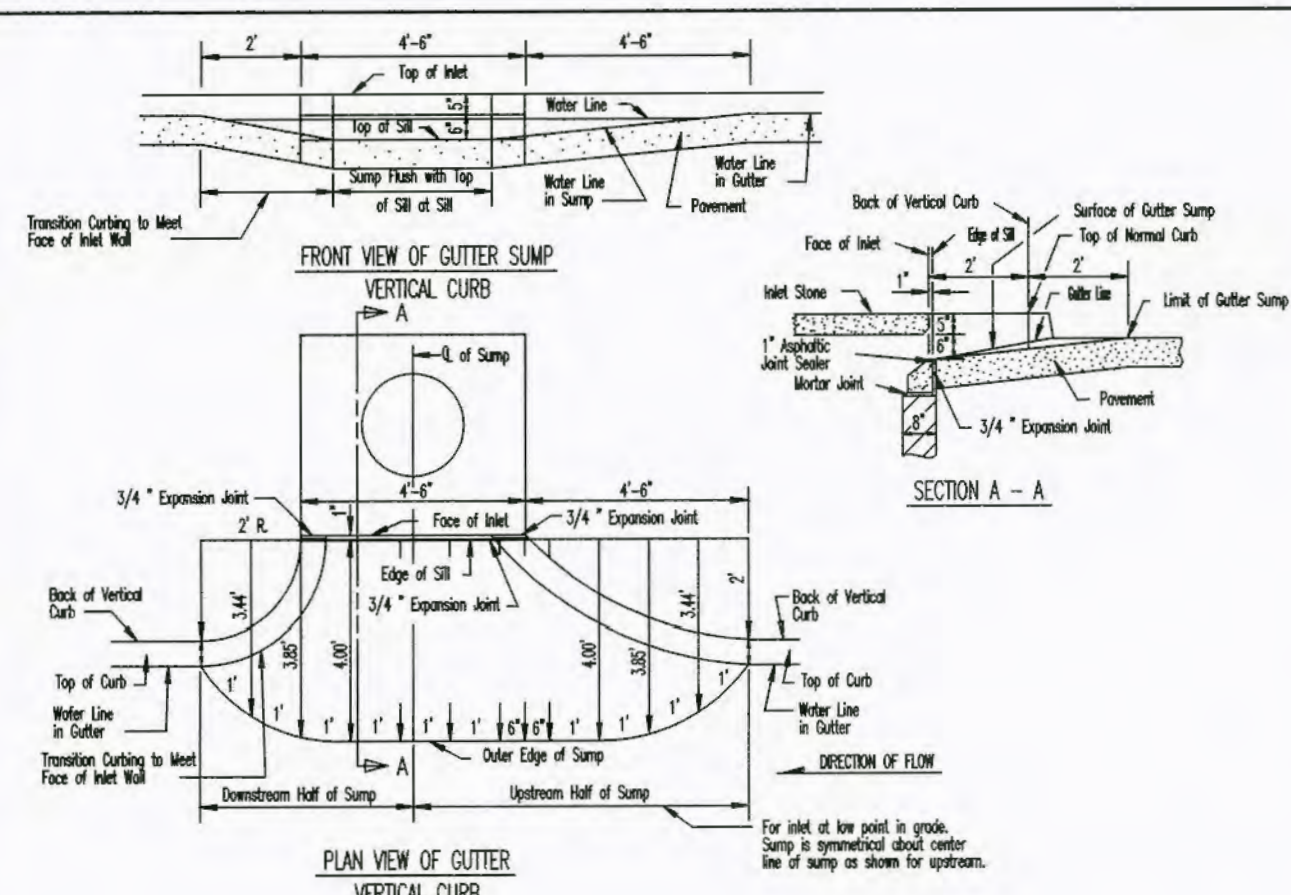
Size	Style	Adhesive	Message (Part #)
3 7/8" TO 4"	Crystal Cap or Standard Style	Epoxy	No Dumping Drains to Waterway



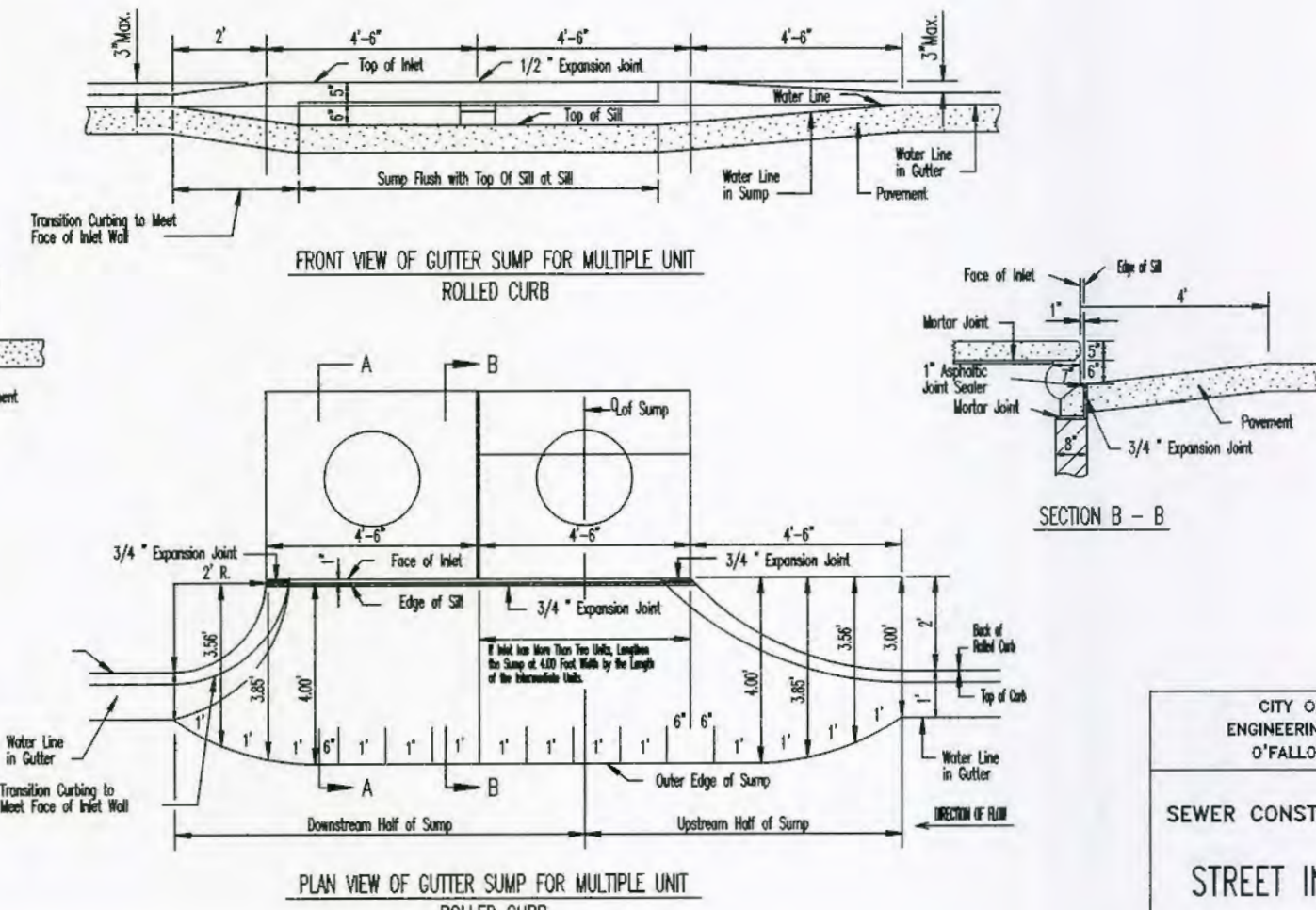
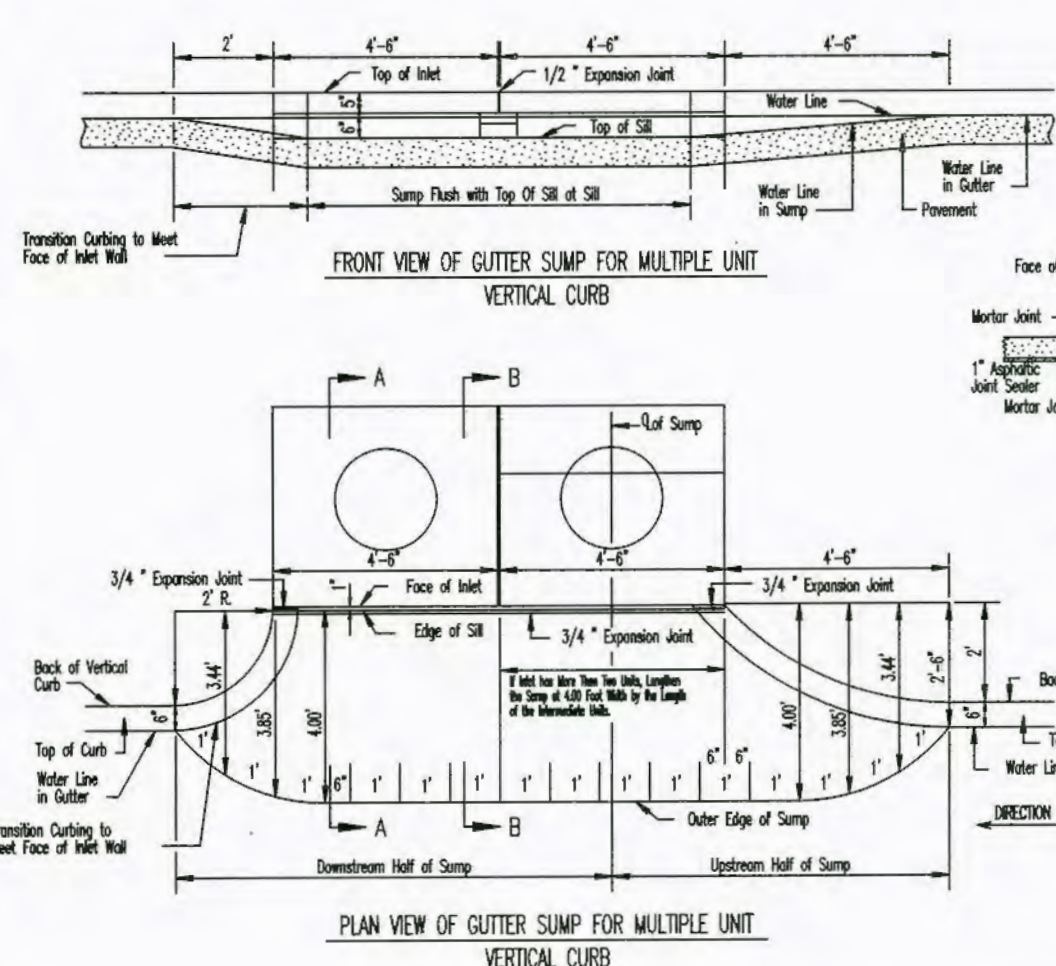
PLAN VIEW OF CURB INLET

PLAN VIEW OF AREA INLET

STORM DRAIN
MARKER LOCATION



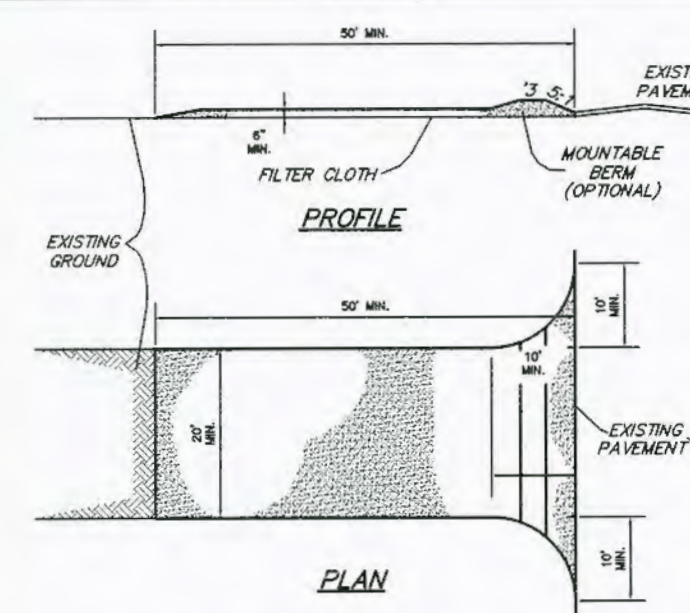
1. Do not scale drawing. Follow dimensions.
2. Inlets may be located 2.5 feet from the back of rolled curb. Add 1.5 feet to all sump dimensions for all inlets that are 2.5 feet offset.
3. For curbed inlets, the sump shall extend 2.0 feet from the projection of the back of the curb.



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

SEWER CONSTRUCTION DETAILS
STREET INLET SUMPS

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



CONSTRUCTION SPECIFICATIONS

- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
- Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
- Thickness - Not less than six (6) inches.
- Width - Twenty (20) foot minimum, but not less than the full width at points where ingress or egress occurs.
- Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
- Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.
- Washing - Wheels shall be cleaned prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
- Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE/WASHDOWN AREA
NOT TO SCALE

PROJECT TITLE:
**WESTHOFF PARK
SKATE PARK**

ENGINEERING
PLANNING
SURVEYING

221 Point West Blvd.
St. Charles, MO 63301
636-928-5552
FAX 636-928-1716



DISCLAIMER OF RESPONSIBILITY
I hereby specify that the documents intended to be authorized by my seal are limited to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be used for any part or parts of the architectural or engineering project or survey.

REVISIONS

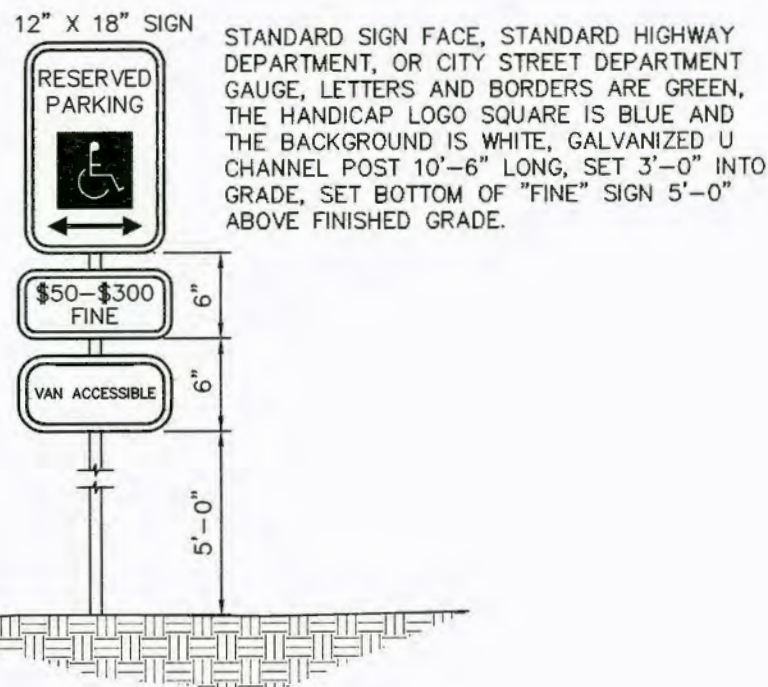
DATE	CITY COMMENTS
01/06/12	BID SET
02/23/12	

Developer / Owner:
City of O'Fallon Parks Department
Cindy Springer - Director
100 North Main Street
O'Fallon, Missouri 63366
(636) 379-5570

REFERENCE DETAILS

P+Z No. 03-11.01
City No. #

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HANDICAP PARKING SIGN (CITY OF O'FALLON)
NOT TO SCALE

ALL DETAILS SHOWN ON THIS SHEET WERE PROVIDED BY THE CITY OF O'FALLON UNLESS NOTED OTHERWISE

POST CONSTRUCTION MAINTENANCE:

Per City of O'Fallon Ordinance 5082, long term post construction BMPs shall be utilized to control storm water runoff. Some of these will require post construction inspections and maintenance.

- Swales that are sodded shall be inspected monthly and/or within 48 hours of any significant rainstorm of one half inch or more of rain to observe if any noticeable damage has occurred such as dead or dying sod sections, separation between sections, differential settlement, etc. Any damage shall be repaired immediately and swales should be maintained for one full growing season.
- Triton Inlet Filter (or equal) shall be installed once Gutter Buddys are removed. Inlet Filters shall be inspected every 3 months for the first year of installation for accumulation of runoff debris. Filters should be replaced as needed. After the first year, yearly inspections should be performed.