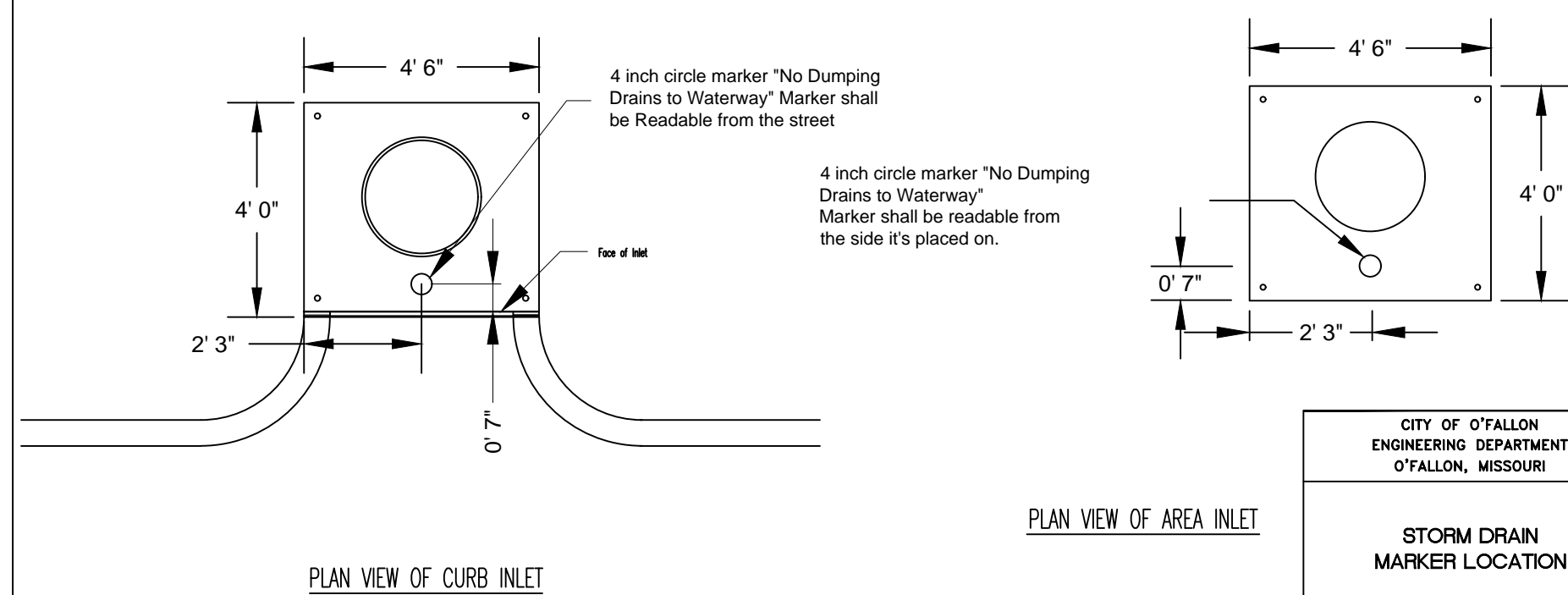
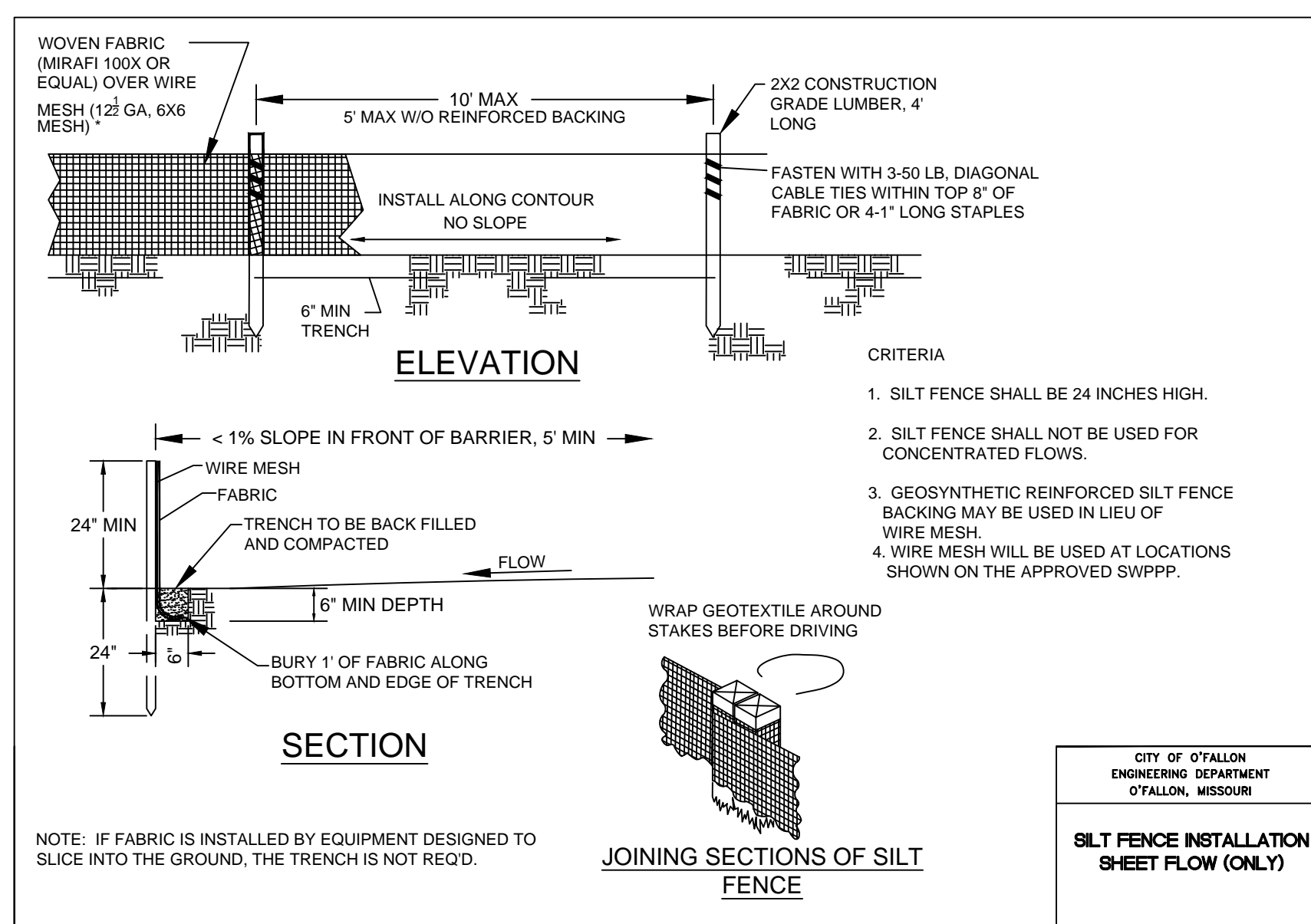


* The City of O'Fallon must be provided with a symbol/medallion for review and approval prior to installation. Contact the City if any information is needed.

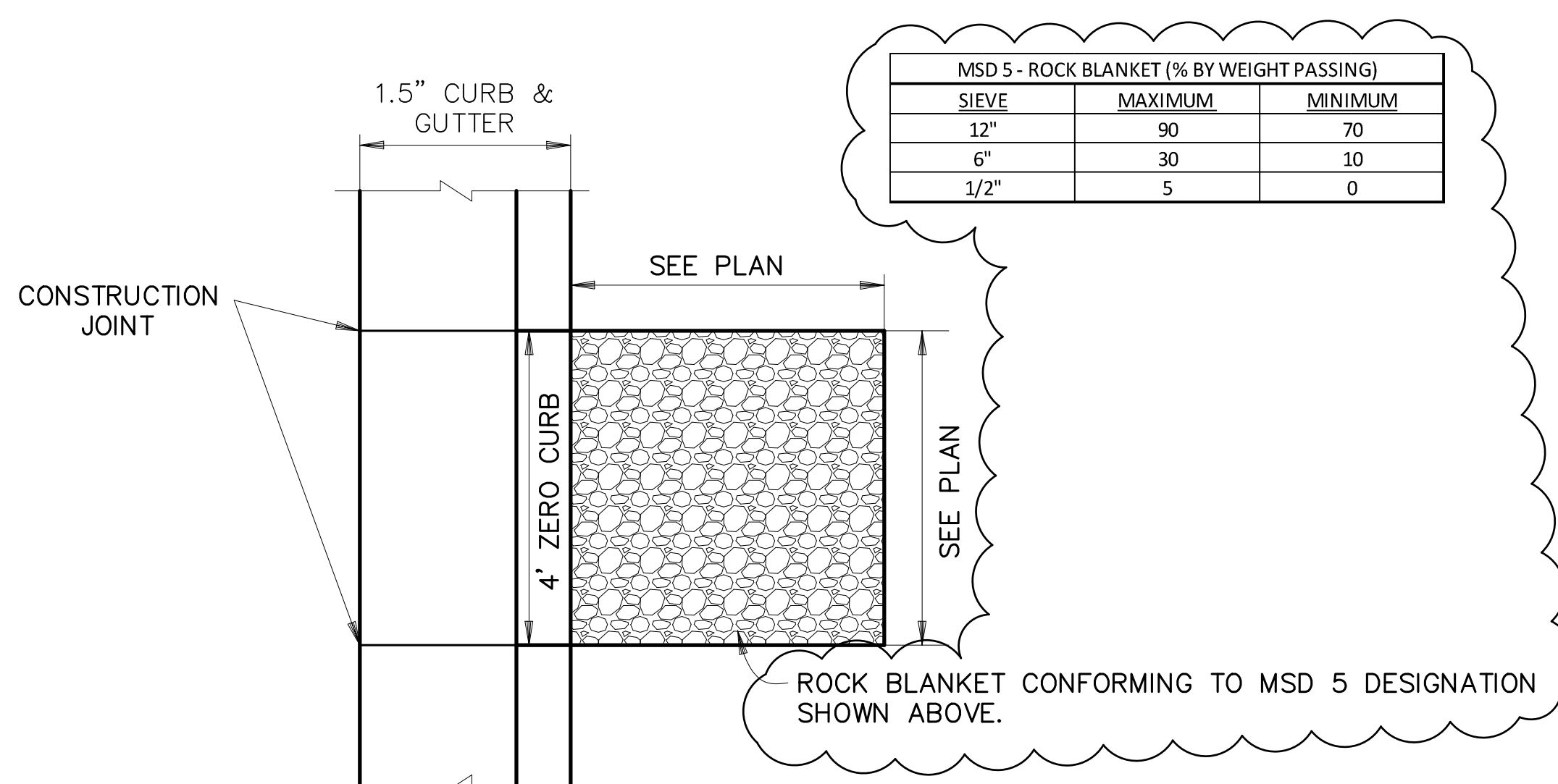
Size	Style	Adhesive	Message (Part #)
3 7/8" TO 4"	Crystal Cap or Standard Style	Epoxy	No Dumping Drains to Waterway



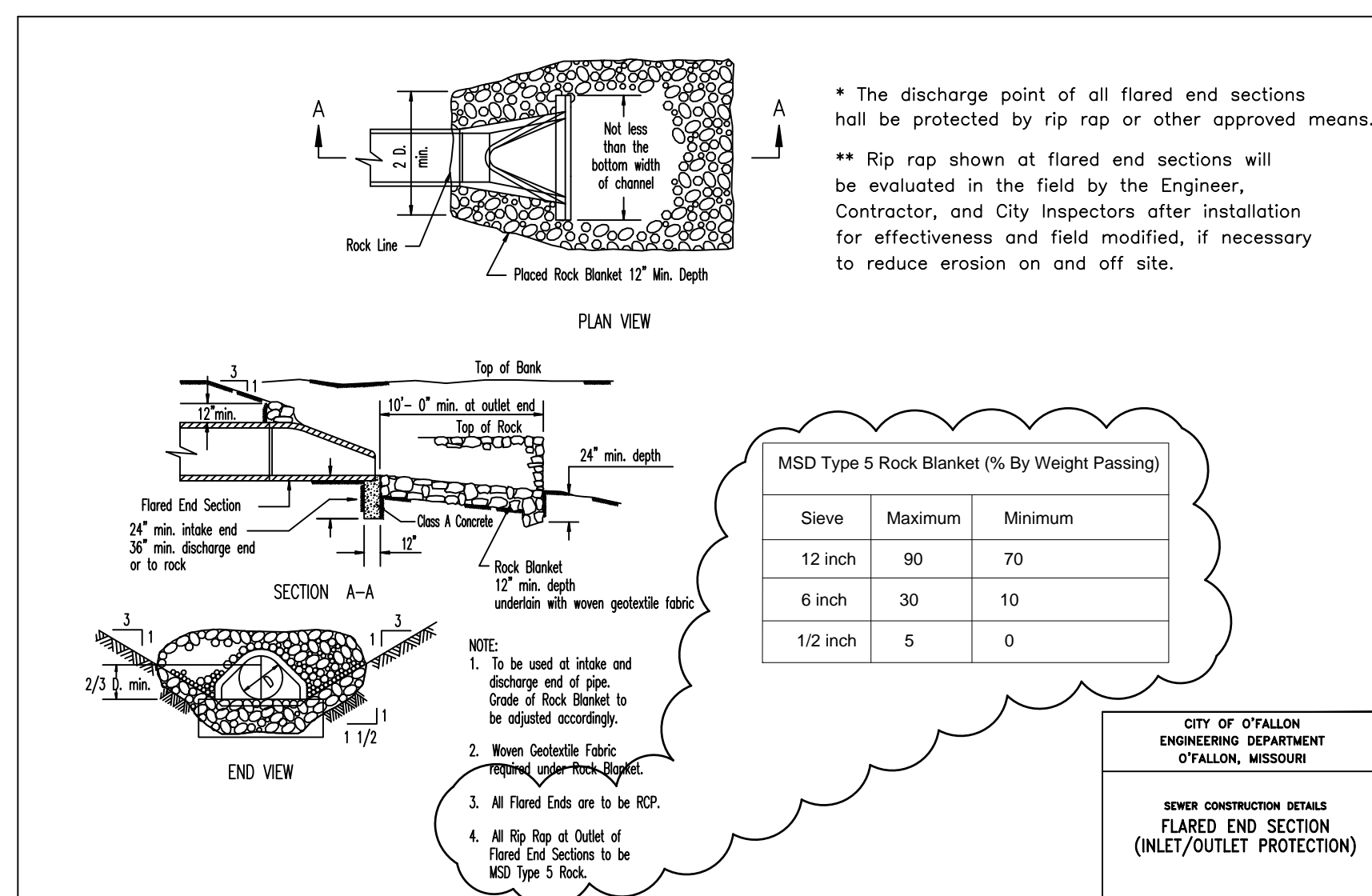
1 **STORM DRAIN MARKER LOCATION DETAIL**
N.T.S.



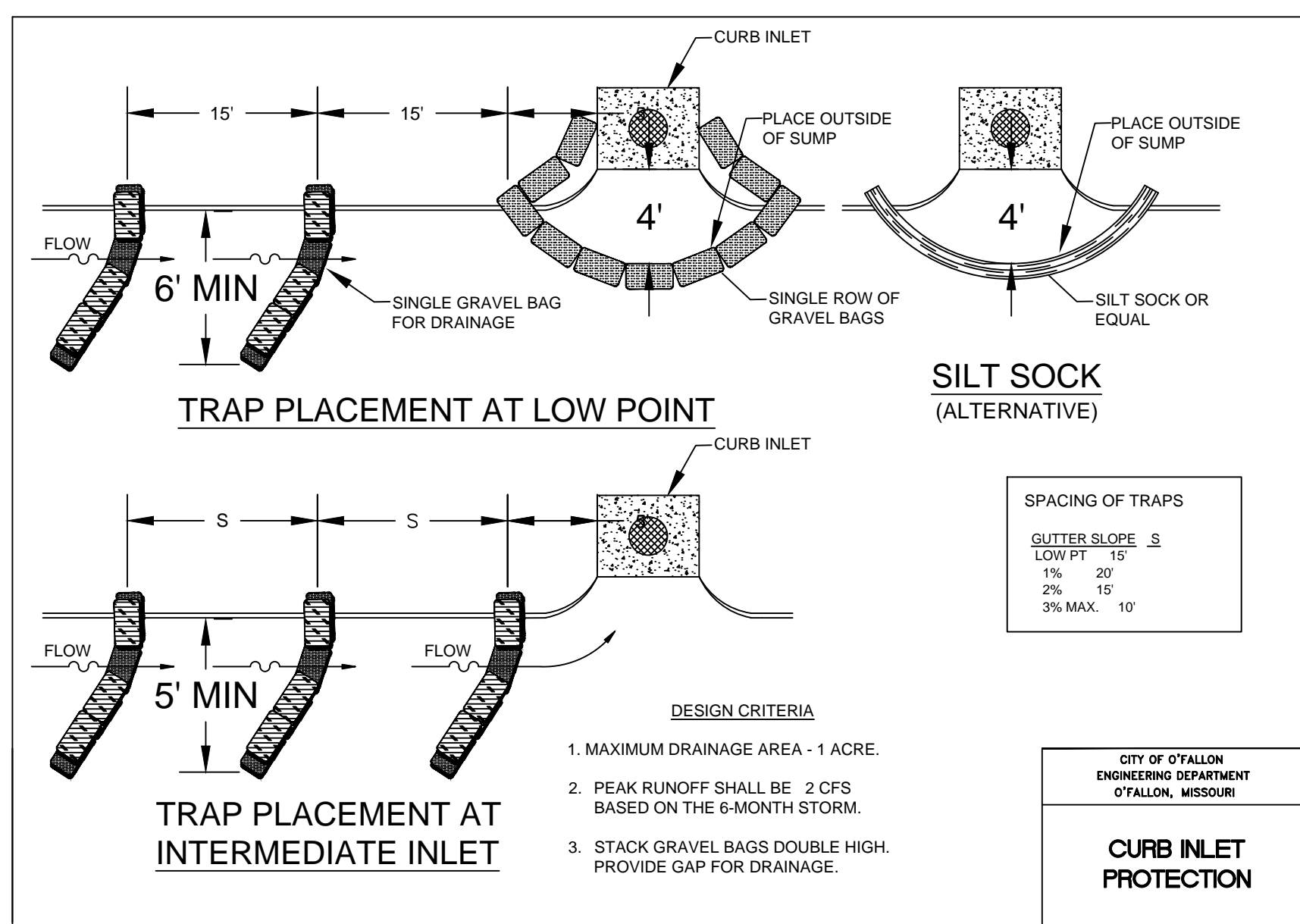
4 **SILT FENCE DETAIL**
N.T.S.



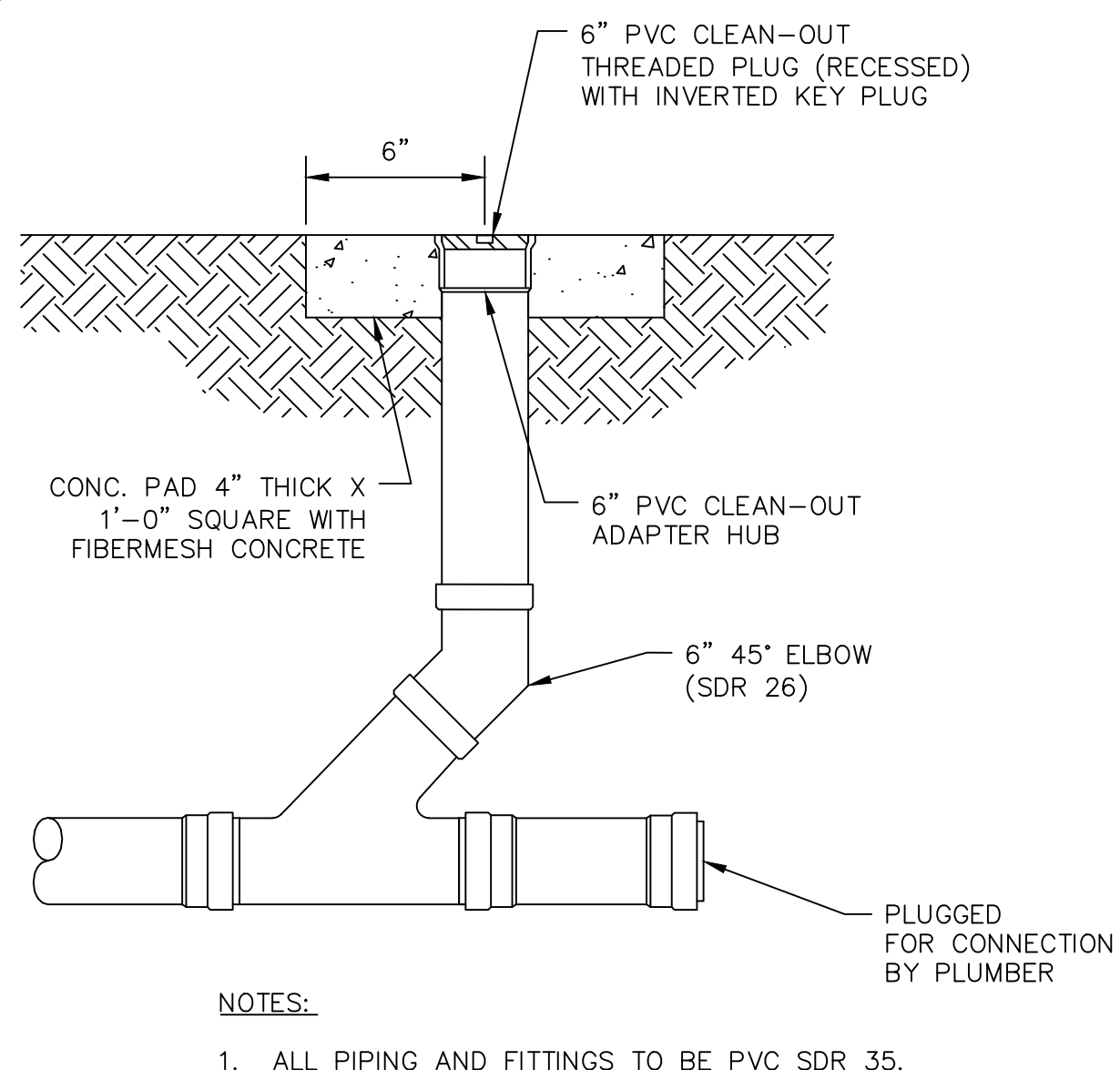
7 **CURB GAP DETAIL**
N.T.S.



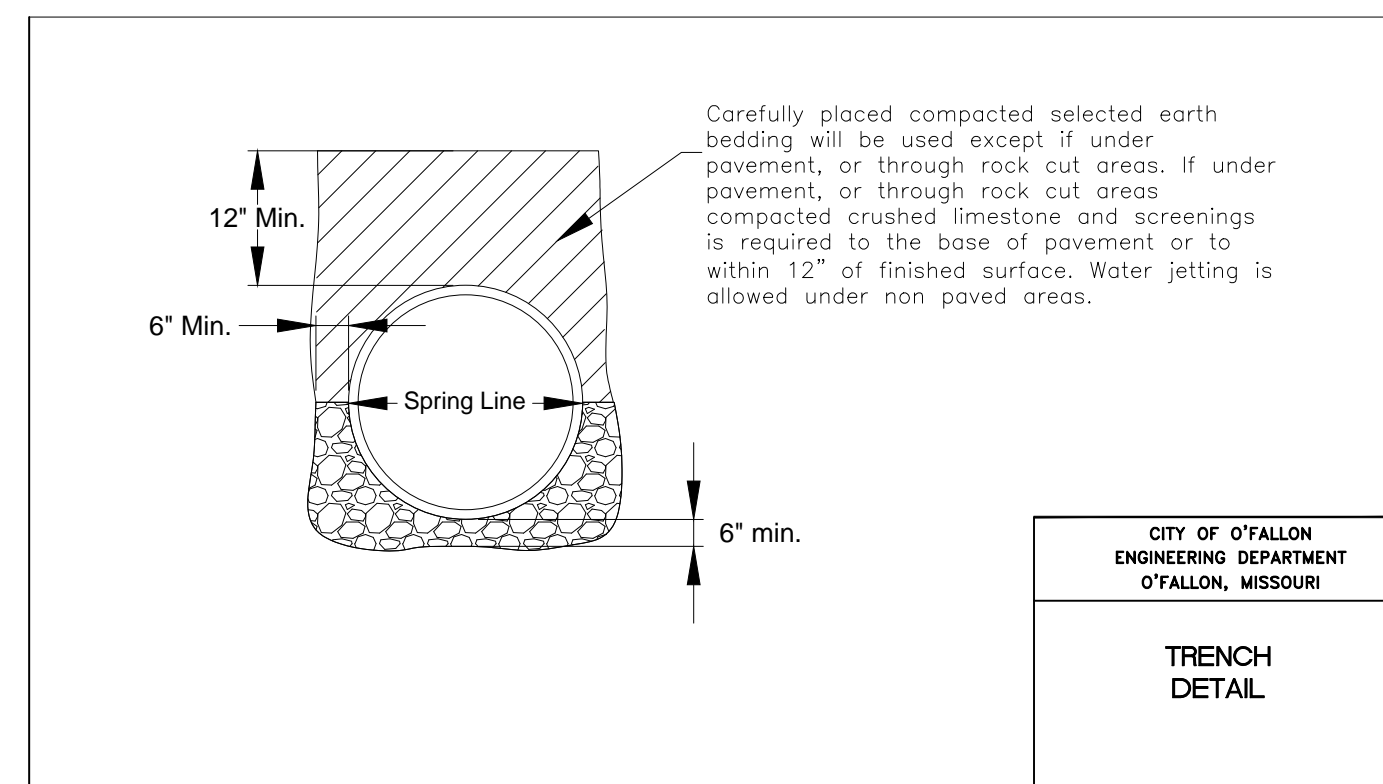
2 **FLARED END SECTION DETAIL**
N.T.S.



5 **CURB INLET PROTECTION DETAIL**
N.T.S.



8 **PVC CLEANOUT DETAIL DETAIL**
N.T.S.



3 **TRENCH DETAIL**
N.T.S.

SODDING
PHYSICAL DESCRIPTION - A 3/4 inch to 1 inch thick mat of vigorous turf, free of disease, insects and weeds. Sod prevents raindrops from disrupting the soil structure and causing erosion. Sod slows water runoff and acts as a filter when sediment-laden runoff crosses over the sodded area.

WHERE BMP IS TO BE INSTALLED - Typically installed in areas requiring immediate erosion protection, such as swales or detention ponds and as filter strips, around inlets, and adjacent to curbs. Also installed in areas requiring immediate aesthetic appearance or function such as entrances to new subdivision and off site construction areas.

CONDITIONS FOR EFFECTIVE USE OF BMP - Type of Flow: Sheet flow and low concentrated flows with velocities less than 5 fps.

WHEN BMP IS TO BE INSTALLED - Immediately after finish grading, installation of area inlets, and installation of underground services and foundations of new homes.

INSTALLATION / CONSTRUCTION PROCEDURES

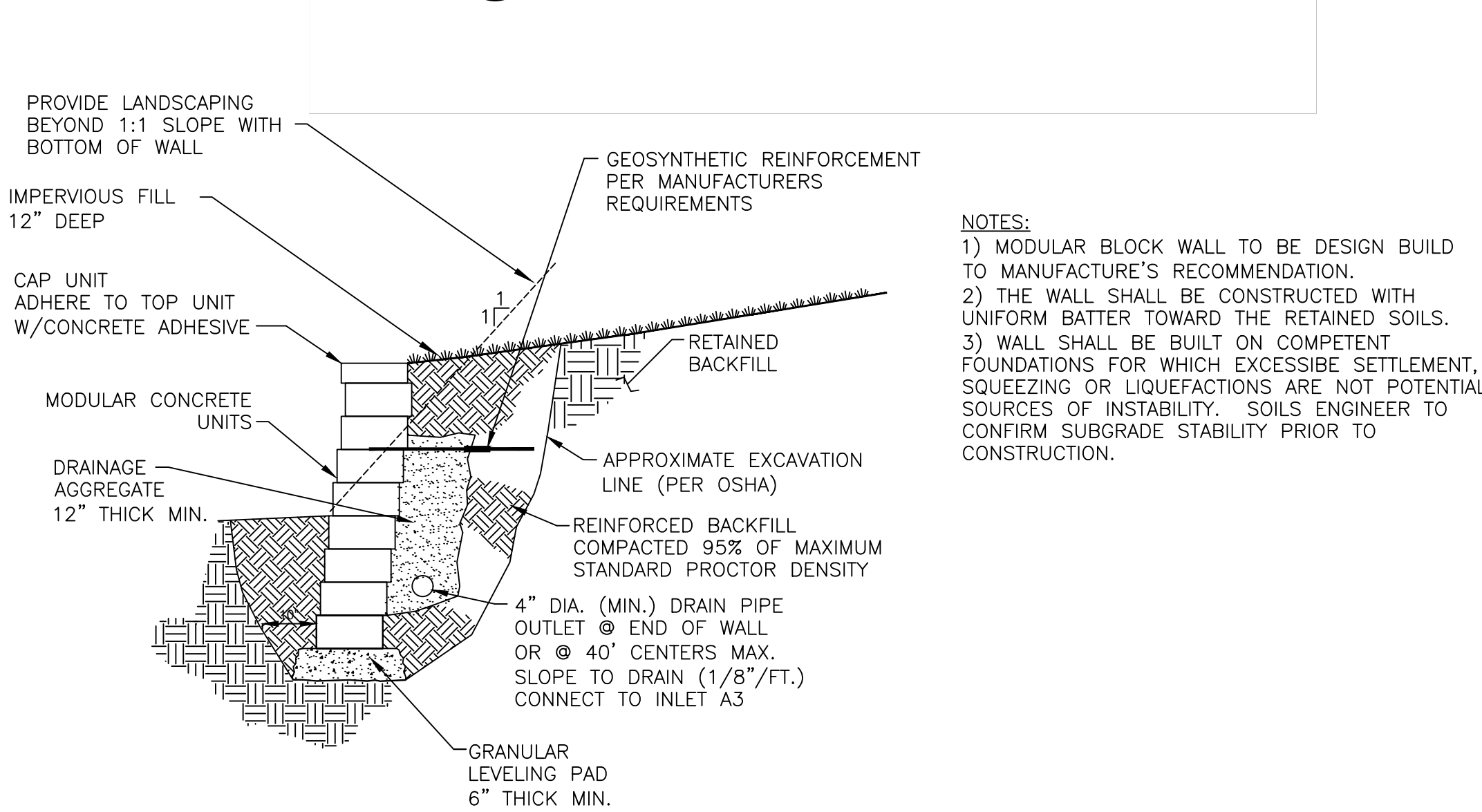
- ✓ Finish grade area and remove all debris larger than 1/2 inch in diameter and concentrated areas of smaller debris.
- ✓ Soil preparation of area to be sodded shall be determined by tests to determine lime and fertilizer requirements. Soil amendments shall be mixed into top 3 to 6 inches of soil by disk or other means.
- ✓ Level and roll soil lightly to provide an even grade and firm the surface. Soil should not be excessively wet or dry.
- ✓ Lay first row of sod perpendicular to the slope or direction of flow. Butt subsequent rows tight against previous rows with strips staggered in brick-like pattern. Fill minor gaps with good soil and roll entire surface to ensure contact.
- ✓ Stake, staple and/or net corners and centers of sod strips as required.
- ✓ Water immediately after installation enough to soak 4 inches into soil without causing runoff.
- ✓ For additional information see Section 803 of St. Louis County's Standard Specification for Highway Construction.
- ✓ Type of sod shall be as specified in the contract or on the approved plans.

O&M PROCEDURES:

- ✓ Water sod daily for 3 weeks - enough to soak 4-inches into soil without causing runoff.
- ✓ Reposition areas of sod that has moved along the slope.
- ✓ Remove sediment accumulations - replace sod if necessary.
- ✓ Repair any eroded areas, replace sod, and stabilize as needed.
- ✓ Do not mow until 3-inches of new growth occur. During the first 4 months, mow no more than 1/2 the grass height.

SITE CONDITIONS FOR REMOVAL - Not applicable.

6 **SODDING NOTES**
N.T.S.



9 **TYPICAL SECTION-REINFORCED RETAINING WALL**
N.T.S.

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ADDITION & RENOVATION FOR
O'FALLON CASTING
600 CANNONBALL LANE O'FALLON, MISSOURI 63366
CONSTRUCTION DETAILS

REVISIONS	NO.	DATE
	3	08/10/2016

ISSUE DATE: MAY 26, 2016
PROJECT NO.: 15-187
DRAWN BY: GAS
CHECKED BY: TBS

SEAL
TODD B. SCHEIBE
NUMBER E-24757

The Professional Engineer responsible for this design and construction documents is Todd B. Scheibe, License No. E-24757. Any changes to these documents must be approved by the Professional Engineer responsible for this design and construction documents.

SHEET
C8.02