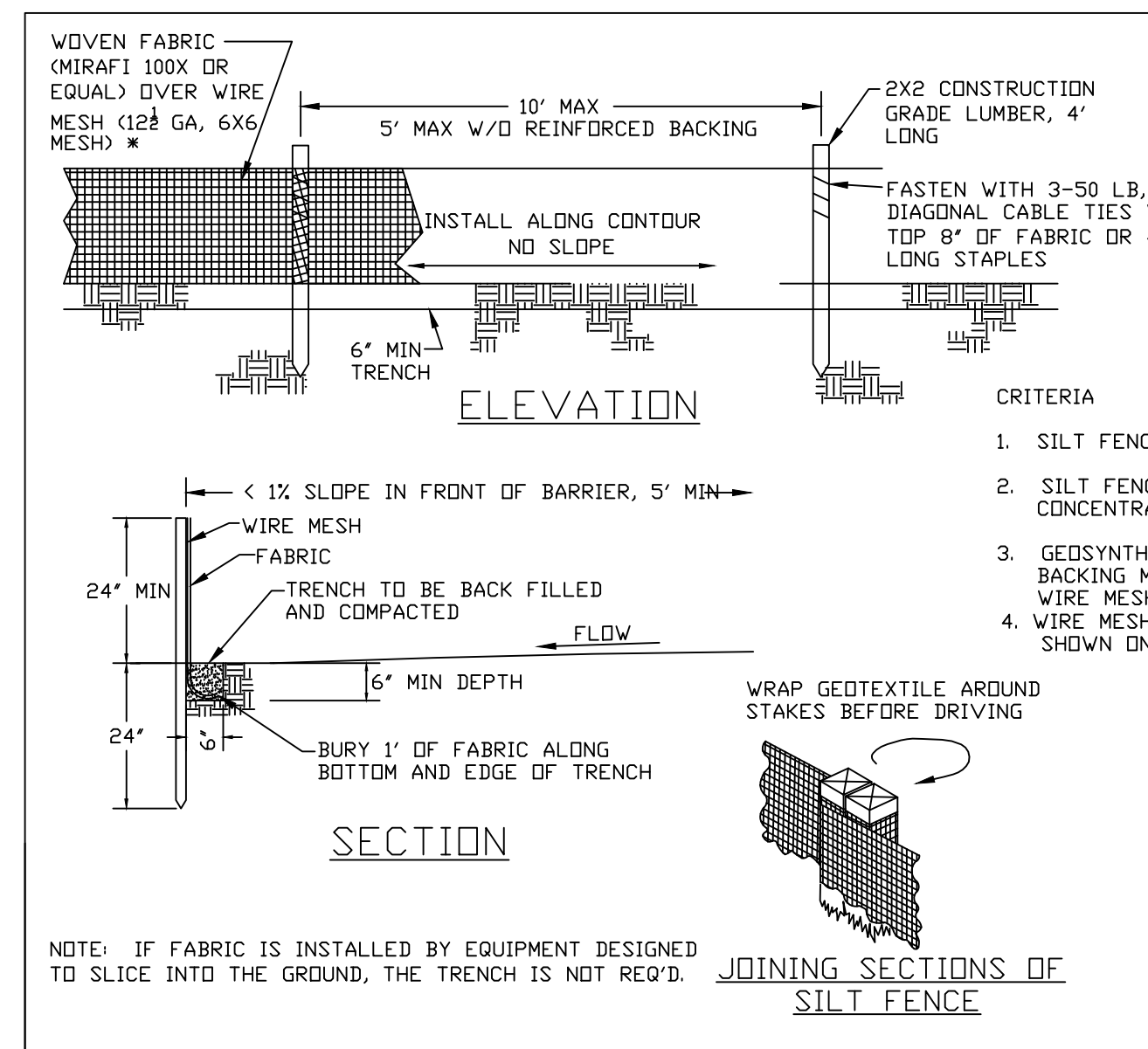
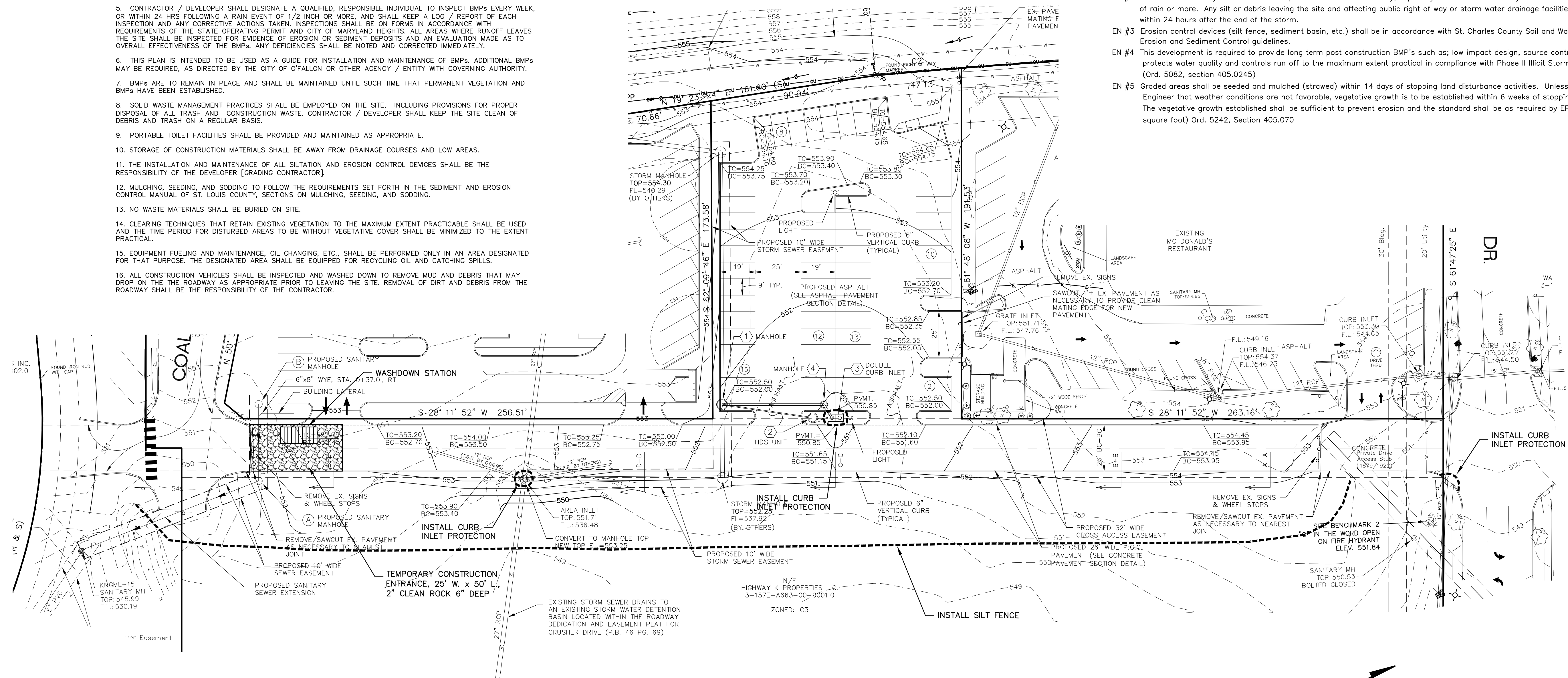


SWPP NOTES

- CLEARING AND GRADING SHALL NOT COMMENCE UNTIL REQUIRED PERMITS HAVE BEEN ISSUED.
- INSTALL SITE BMP'S PRIOR TO CLEARING AND GRUBBING.
- WHEN SITE WORK IS TAKING PLACE IN CLOSE PROXIMITY TO BMP'S, CONTRACTOR SHALL INSPECT THOSE AREAS AT THE END OF EACH DAY AND REPAIR / RESTORE ANY DAMAGE OR AREAS WHERE THE INTEGRITY HAS BEEN COMPROMISED.
- UPON COMPLETION OF SITE GRADING OR SUSPENSION OF GRADING ACTIVITIES FOR MORE THAN 14 DAYS, THE SITE SHALL BE STABILIZED WITH TEMPORARY SEED AND MULCH, APPLIED ALONG WITH LIME AND FERTILIZER AT APPROPRIATE RATES FOR THE SOIL CONDITIONS. AT TIMES NOT SUITABLE FOR SEEDING, ALTERNATE STABILIZATION METHODS SUCH AS STABILIZING EMULSIONS, MULCH WITH TACKIFIERS, ETC. MAY BE EMPLOYED. SEE SHEET 2 FOR ADDITIONAL INFORMATION.
- CONTRACTOR / DEVELOPER SHALL DESIGNATE A QUALIFIED, RESPONSIBLE INDIVIDUAL TO INSPECT BMP'S EVERY WEEK, OR WITHIN 24 HRS FOLLOWING A RAIN EVENT OF 1/2 INCH OR MORE, AND SHALL KEEP A LOG / REPORT OF EACH INSPECTION AND ANY CORRECTIVE ACTIONS TAKEN. INSPECTIONS SHALL BE ON FORMS IN ACCORDANCE WITH REQUIREMENTS OF THE STATE OPERATING PERMIT AND CITY OF MARYLAND HEIGHTS. ALL AREAS WHERE RUNOFF LEAVES THE SITE SHALL BE INSPECTED FOR EVIDENCE OF EROSION OR SEDIMENT DEPOSITS AND AN EVALUATION MADE AS TO OVERALL EFFECTIVENESS OF THE BMP'S. ANY DEFICIENCIES SHALL BE NOTED AND CORRECTED IMMEDIATELY.
- THIS PLAN IS INTENDED TO BE USED AS A GUIDE FOR INSTALLATION AND MAINTENANCE OF BMP'S. ADDITIONAL BMP'S MAY BE REQUIRED, AS DIRECTED BY THE CITY OF O'FALLON OR OTHER AGENCY / ENTITY WITH GOVERNING AUTHORITY.
- BMP'S ARE TO REMAIN IN PLACE AND SHALL BE MAINTAINED UNTIL SUCH TIME THAT PERMANENT VEGETATION AND BMP'S HAVE BEEN ESTABLISHED.
- SOLID WASTE MANAGEMENT PRACTICES SHALL BE EMPLOYED ON THE SITE, INCLUDING PROVISIONS FOR PROPER DISPOSAL OF ALL TRASH AND CONSTRUCTION WASTE. CONTRACTOR / DEVELOPER SHALL KEEP THE SITE CLEAN OF DEBRIS AND TRASH ON A REGULAR BASIS.
- PORTABLE TOILET FACILITIES SHALL BE PROVIDED AND MAINTAINED AS APPROPRIATE.
- STORAGE OF CONSTRUCTION MATERIALS SHALL BE AWAY FROM DRAINAGE COURSES AND LOW AREAS.
- THE INSTALLATION AND MAINTENANCE OF ALL SILTATION AND EROSION CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE DEVELOPER (GRADING CONTRACTOR).
- MULCHING, SEEDING, AND SODDING TO FOLLOW THE REQUIREMENTS SET FORTH IN THE SEDIMENT AND EROSION CONTROL MANUAL OF ST. LOUIS COUNTY, SECTIONS ON MULCHING, SEEDING, AND SODDING.
- NO WASTE MATERIALS SHALL BE BURIED ON SITE.
- CLEARING TECHNIQUES THAT RETAIN EXISTING VEGETATION TO THE MAXIMUM EXTENT PRACTICABLE SHALL BE USED AND THE TIME PERIOD FOR DISTURBED AREAS TO BE WITHOUT VEGETATIVE COVER SHALL BE MINIMIZED TO THE EXTENT PRACTICAL.
- EQUIPMENT FUELING AND MAINTENANCE, OIL CHANGING, ETC., SHALL BE PERFORMED ONLY IN AN AREA DESIGNATED FOR THAT PURPOSE. THE DESIGNATED AREA SHALL BE EQUIPPED FOR RECYCLING OIL AND CATCHING SPILLS.
- ALL CONSTRUCTION VEHICLES SHALL BE INSPECTED AND WASHED DOWN TO REMOVE MUD AND DEBRIS THAT MAY DROP ON THE ROADWAY AS APPROPRIATE PRIOR TO LEAVING THE SITE. REMOVAL OF DIRT AND DEBRIS FROM THE ROADWAY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

City of O'Fallon Erosion Control Notes

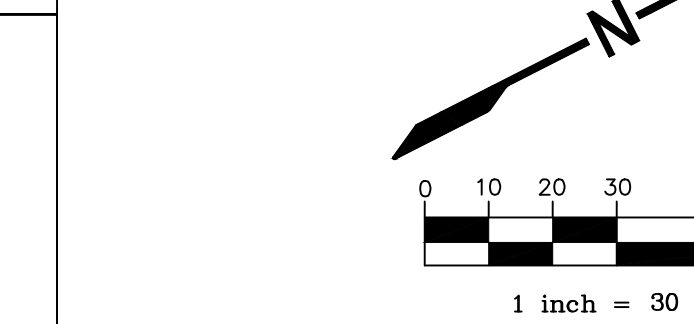
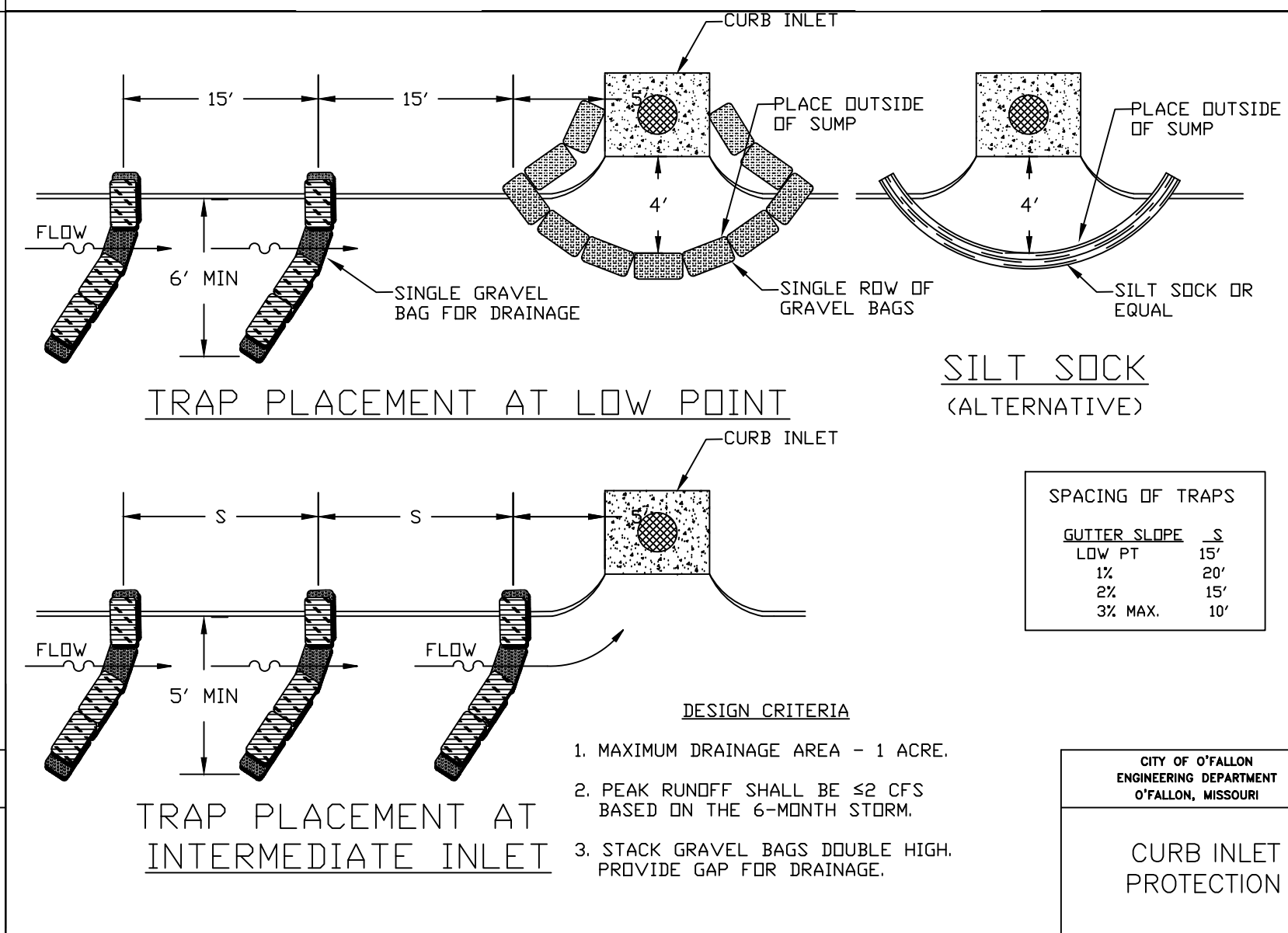
- The Permittee shall assume complete responsibility for controlling all siltation and erosion of the project area. The Permittee shall use whatever means necessary to control erosion and siltation including, but not limited to, staked straw bales and/or siltation fabric fences (possible methods of control are detailed in the plan). Control shall commence with the clearing operations and be maintained throughout the project until acceptance of the work by City of O'Fallon and as needed by MoDOT. The Permittee's responsibilities include all design and implementation as required to prevent erosion and the depositing of silt. The City of O'Fallon and as required by MoDOT may at their option direct the Permittee in his methods as deemed fit to protect property and improvements. Any depositing of silt or mud on new or existing pavement shall be removed immediately. Any depositing of silts or mud in new or existing storm sewers and/or swales shall be removed after each rain and affected areas cleaned to the satisfaction of the City of O'Fallon and as required by MoDOT.
- All erosion control systems are to be inspected and corrected weekly, especially within 48 hours of any rain storm resulting in one-half inch of rain or more. Any silt or debris leaving the site and affecting public right of way or storm water drainage facilities shall be cleaned up within 24 hours after the end of the storm.
- Erosion control devices (silt fence, sediment basin, etc.) shall be in accordance with St. Charles County Soil and Water Conservation District Erosion and Sediment Control guidelines.
- This development is required to provide long term post construction BMP's such as; low impact design, source control and treatment controls that protects water quality and controls run off to the maximum extent practical in compliance with Phase III Illicit Storm Water Discharge Guidelines. (Ord. 5082, section 405.0245)
- Graded areas shall be seeded and mulched (strawed) within 14 days of stopping land disturbance activities. Unless it can be shown to the City Engineer that weather conditions are not favorable, vegetative growth is to be established within 6 weeks of stopping grading work on the project. The vegetative growth established shall be sufficient to prevent erosion and the standard shall be as required by EPA and DNR. (70% coverage per square foot) Ord. 5242, Section 405.070



- CRITERIA**
- SILT FENCE SHALL BE 24 INCHES HIGH.
 - SILT FENCE SHALL NOT BE USED FOR CONCENTRATED FLOWS.
 - GEOSYNTHETIC REINFORCED SILT FENCE BACKING MAY BE USED IN LIEU OF WIRE MESH.
 - WIRE MESH WILL BE USED AT LOCATIONS SHOWN ON THE APPROVED SWPPP.

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

SILT FENCE INSTALLATION
SHEET FLOW (ONLY)



CITY OF O'FALLON
PUBLIC WORKS DEPARTMENT
ACCEPTED FOR CONSTRUCTION
BY: [Signature] DATE: 09/18/2017
PROFESSIONAL ENGINEER'S SEAL
INDICATES RESPONSIBILITY FOR DESIGN

NOTICE TO CONTRACTOR

UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE RECORDS. THEREFORE, THE LOCATIONS OF ANY UNDERGROUND FACILITIES SHOWN HEREON MUST BE CONSIDERED APPROXIMATE. PRIOR TO BEGINNING WORK ON THE SITE, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF THESE FACILITIES, ALONG WITH ANY IN EXISTENCE THAT ARE NOT SHOWN; TO VERIFY THEIR LOCATION BOTH HORIZONTALLY AND VERTICALLY (IN ACCORDANCE WITH THE REQUIREMENTS OF THE RESPECTIVE UTILITY/FACILITY OWNER); AND TO VERIFY THAT MINIMUM CLEARANCES AND COVER REQUIREMENTS BETWEEN THE EXISTING FACILITIES AND THE PROPOSED WORK WILL BE MET.

BEFORE YOU DIG - DRILL - BLAST
1-800-544-7483
(TOLL FREE)
MISSOURI ONE CALL SYSTEM, INC.

THE WORK PREPARED BY OR UNDER THE AUTHORITY OF THIS SEAL AND DATED ONLY, INCLUDING GRADING, DRAINAGE, AND EROSION CONTROL MEASURES, IS THE RESPONSIBILITY OF THE ENGINEER. THE ENGINEER'S LIABILITY IS LIMITED TO THE ELEMENTS SPECIFICALLY LISTED IN THIS SEAL AND DOES NOT INCLUDE THE DESIGN OF STRUCTURES, UTILITIES, OR ANY OTHER WORK NOT SPECIFICALLY LISTED IN THIS SEAL. THE ENGINEER'S LIABILITY IS LIMITED TO THE DATE OF THE SIGNATURE, AND NOT TO THE DATE OF THE ORIGINAL DESIGN.

Vance Engineering, Inc.
 10537 Lackland Road
 St. Louis, MO 63114
 P: 314.427.1800

Highway K Properties L.C.
 14151 Clayton Road
 Town and Country, MO 63017

MISSOURI STATE CERTIFICATE OF AUTHORITY NO. 2003022194

KINGSMILL CROSSING

SWPP PLAN

MICHAEL CLAY VANCE, P.E.
 E-25616
 REVISED
 08/04/17 CITY

16078
 06/30/17
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