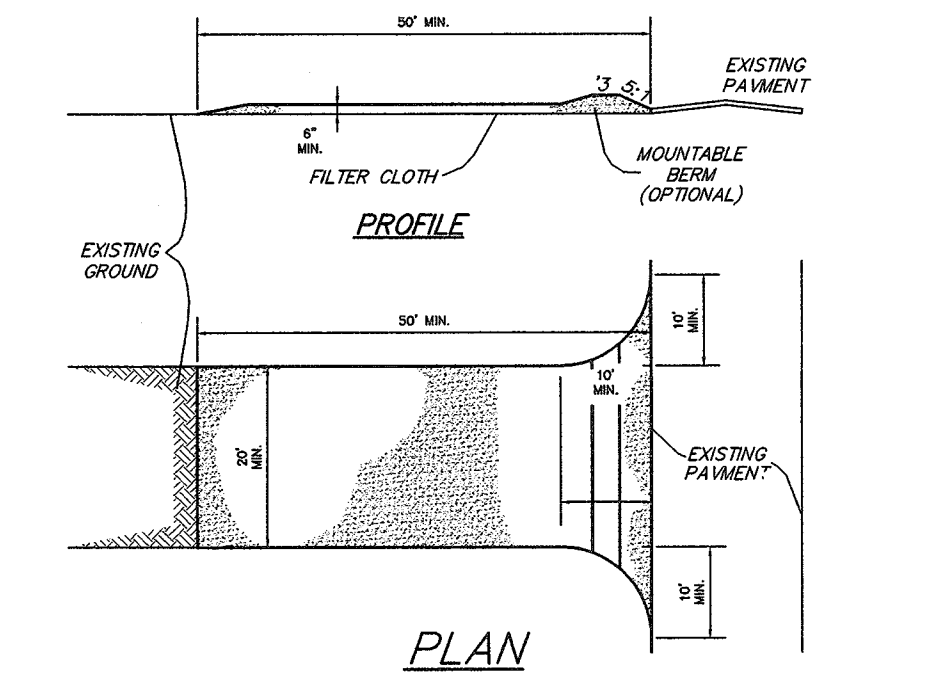


LOT 10
PROPERTY N/F
ST. CHARLES COUNTY
AMBULANCE DISTRICT
BK. 5010 PG. 2428
CITY OF O'FALLON
ZONED: C-2

Exhibit Soil Stabilization Schedule	Required Stabilization Time
Soil Disturbance Activity or Condition	
Soil disturbance has ceased in areas greater than 2,000 square feet	14 days
After construction of dikes, swales, diversions and other concentrated flow areas	5 days
When slopes are steeper than 3 horizontal to 1 vertical	7 days
When slopes are greater than 3% and longer than 150 feet	14 days
Perimeter controls around soil stockpiles	End of workday
Stabilization or covering of inactive stockpiles	30 days
When land disturbance is completed, permanent soil stabilization must be installed	30 days

STABILIZED CONSTRUCTION ENTRANCE



- CONSTRUCTION SPECIFICATIONS**
- Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 - Length - As required, but not less than 50 feet 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 mounded berm with 5:1 slopes will be permitted.
 - Maintenance - The entrance shall be maintained in a condition which will prevent tracking or piling 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 to remove sediment 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.
 - If water is not available, a water truck is to be provided.

STORM WATER POLLUTION PREVENTION PLAN REPORT

A. PURPOSE:
The purpose of the Storm Water Pollution Prevention Plan (SWPPP) shall meet the following objectives:

- Prevent erosion where construction activities shall occur.
- Prevent pollutants from mixing with storm water.
- Prevent pollutants from being discharged by trapping them on-site, before they can affect the receiving waters.

B. PROJECT DESCRIPTION:
The project is located at the 335 Capri Drive, O'Fallon, Missouri. The site is approximately 0.96 acres with 3.70 acres being disturbed.
The project activities consist of clearing and excavating the site to construct a new building and parking lot. The site will be protected with the various erosion protection measures listed below:
1. Silt Fences/Silt Soxx: All storm water inlet structures shall be protected with silt fences/silt soxx. These fences will be constructed using straw bales in a circular pattern around any inlet device or the use of a silt soxx.
The entire perimeter of the project where it may be possible for storm water to exit will also have silt fences/silt soxx installed. These fences shall be composed of either straw bales or a fabric material in silt soxx. Details of these devices are included in the construction plans.
2. Stabilized Construction Entrance: A stabilized construction entrance will be installed at the site entrance to prevent sediment from being tracked onto public roads. The entrance shall consist of 2" to 3" of washed stone 6" thick.
3. Revegetation: The site will consist of varying ground slopes upon completion of the grading activities and any slope prone to erosion will be seeded and strawed to stabilize the slope and prevent erosion.

C. MAINTENANCE AND INSPECTION:
Regular Maintenance: Weekly inspections of the project will include: (a) The repair of any sediment (silt) fence and/or stacked straw bale barriers not well shaped or out of place; (b) The removal of any accumulated trash and/or debris; and (c) The clearing of debris, weeds and wild growth and the removal of vegetation where necessary; and (d) The removal of any externally deposited waste materials.
Periodic Inspections: Following each rain of more than a half (1/4) inch in 24 hours, the site will be inspected, and any necessary maintenance will be provided for the above remediation measures. Summaries of the maintenance and the inspections will be maintained and shall be kept available from the contractor. An inspection report shall detail the findings of the inspection and if any action was required. The inspection form needs to include, name of the site, name of the inspector, permit number, date of inspection, major observations and actions taken to correct problems and the signature of the inspector. The inspection reports need to be kept on file by the permittee for three years after the project is completed.
The field inspections will be conducted in a systematic manner to minimize the possibility of any significant feature being overlooked. A detailed checklist will be developed and followed for the examination. Particular attention will be given to detecting evidence of erosion, slope instability, undue settlement, displacement, and tilting. Photographs and drawings will be used freely to record conditions in order to minimize descriptions. The field inspection will include appropriate features and items, including potential hazards to human life or property.
The condition of the slopes and vegetative cover will be evaluated and examined for erosion.
Measures will be taken to promote the growth of vegetation and repair of damage caused by erosion and sedimentation. The inspection will also provide recommendations for measures that need to be undertaken immediately, based on the experience and judgment of the inspector. Necessary follow up inspections will be made as necessary to verify that any maintenance, alteration, or repair measures are accomplished by methods acceptable by standard engineering practices.
D. ADDITIONAL SWPPP NOTES
1. The contractor shall contact the City Engineer to request inspection of the site at least two (2) days in advance of construction startup.
2. Contractor shall utilize sheets in plan set for additional information as needed to implement the Storm Water Pollution Prevention Plan.

SWPPP
SCCAD BASE 18
335 CAPRI DRIVE
O'FALLON
MO 63366

PLEASE CONTACT
CONTRACTOR NAME
CONTRACTOR PHONE
TO VIEW THE SWPPP
FOR THIS SITE

6" BY 4" PLYWOOD PAINTED WHITE WITH BLACK LETTERING TO INDICATE WHERE THE STORM WATER POLLUTION PREVENTION PLAN IS LOCATED.
PROVIDE THE FOLLOWING IN 4" LETTERING:
SWPPP
PROVIDE THE FOLLOWING IN 2" LETTERING:
SCCAD BASE 18
335 CAPRI DRIVE
O'FALLON
MO 63366
PLEASE CONTACT
CONTRACTOR NAME
CONTRACTOR PHONE
TO VIEW THE SWPPP
FOR THIS SITE

SWPPP PUBLIC NOTICE SIGNAGE
NOT TO SCALE
PROVIDE SIGN AT CONSTRUCTION ENTRY
(CONTRACTOR MAY SUBSTITUTE SIMILAR SIGNAGE THAN WHAT IS SHOWN)

PROJECT TITLE:
SCCAD BASE 18

**ENGINEERING
PLANNING
SURVEYING**
221 Point West Blvd.
St. Charles, MO 63301
636-928-5562
FAX 636-928-1718

DISCLAIMER OF RESPONSIBILITY
I hereby certify that the documents intended to be authenticated 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 project of the architectural or engineering profession.

LARRY D. WALKER
PROFESSIONAL ENGINEER
NO. 2007020343
08/15/17
Copyright © 2017
Box Engineering Company, Inc.
Engineering Authority No. 000655
Surveying Authority No. 000144
All Rights Reserved

REVISIONS	CITY COMMENTS
8-15-17	

Developer / Owner:
ST. CHARLES COUNTY AMBULANCE DISTRICT
4169 OLD MILL PARKWAY
ST. PETERS, MISSOURI 63376

SWPPP

P+Z No. #04-16.02.01
City No. #17-005139
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Bax Project #95-7632G