

### SPILL AND SITE POLLUTION:

Should an accidental spill occur refer to material safety data sheets. Any spills of hazardous materials in quantities in excess of reportable quantities as defined by EPA or the state agency regulations, shall be immediately reported to the EPA National Response Center (800-424-8802) and Missouri Department of Natural Resources (573-634-2436). Reportable spills for petroleum products is greater than 50 gallons. All other reportable hazardous materials and their quantities may be found on the web site at <http://www.dnr.mo.gov> or the local number is 573-640-9750. Federal law requires the responsible party to report any release of oil if it reaches or threatens a sewer, lake, creek, stream, river, groundwater, wetlands, or area like a

N/F  
ST LOUIS LAND HOLDING LLC  
02023-008559  
4-0038-S008-00-0005.5000000  
ZONED R3B ST. CHARLES COUNTY

Table 60-5 Soil Stabilization Schedule

| Soil Disturbance Activity or Condition  | Required Stabilization Time |
|---|-----------------------------|
| 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                     |

VEGETATION ESTABLISHMENT  
For Urban Development Sites  
APPENDIX A

SEEDING RATES:

PERMANENT:

Tall Fescue - 150 lbs./ac.  
Smooth Brome - 100 lbs./ac.  
Combined - Fescue @ 75 lbs./ac. AND Brome @ 50 lbs./ac.

TEMPORARY:

Wheat or Rye - 150 lbs./ac. (3.5 lbs. per 1,000 s.f.)  
Oats - 120 lbs./ac. (2.75 lbs. per 1,000 s.f.)

SEEDING PERIODS:

Fescue or Brome - March 1 to June 1  
August 1 to October 1  
Wheat or Rye - March 15 to November 1  
Oats - March 15 to September 15

MULCH RATES:

100 lbs. per 1000 sq. ft. (4,356 lbs. per ac.)

FERTILIZER RATES:

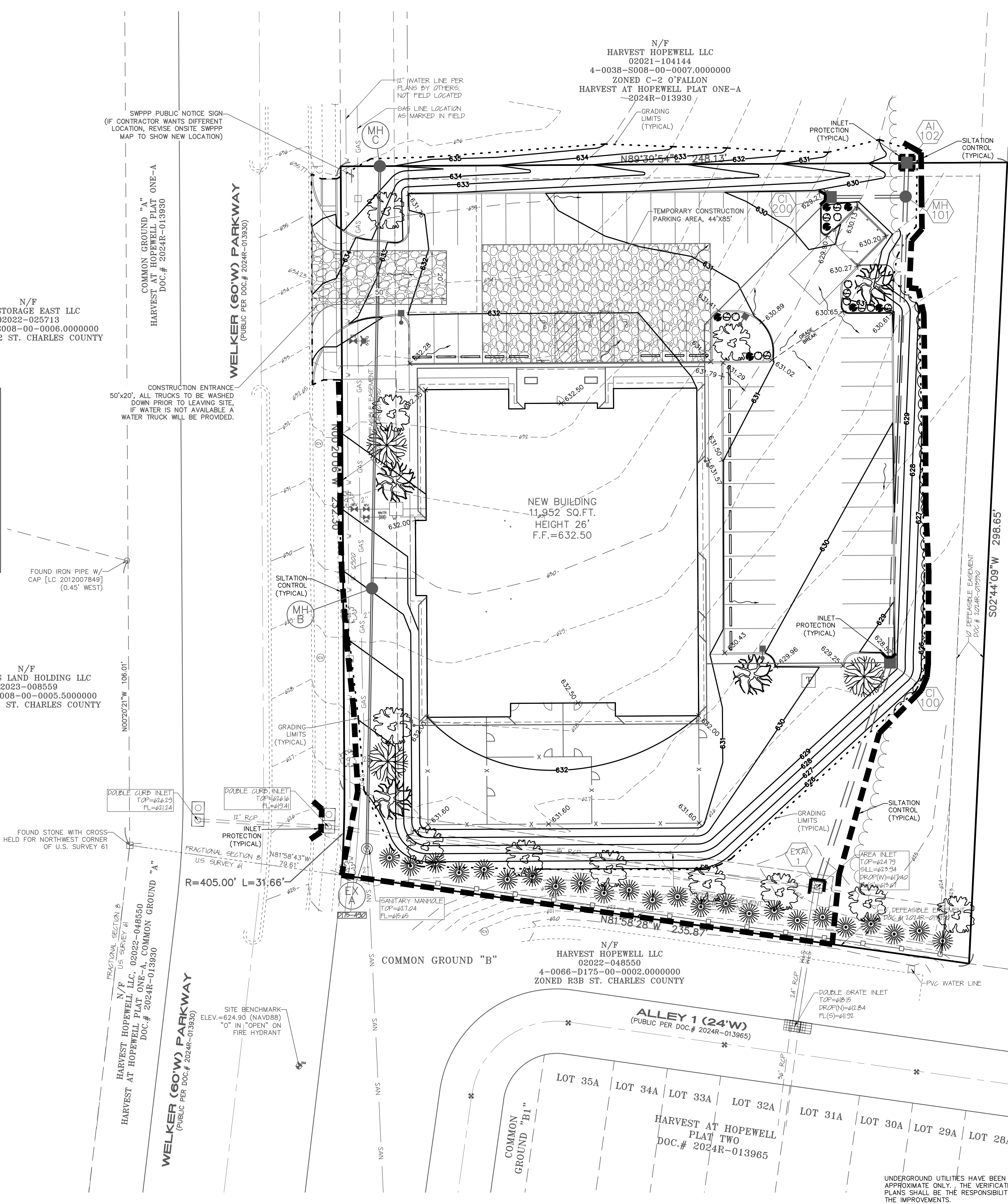
Nitrogen 30 lbs./ac.  
Phosphate 30 lbs./ac.  
Potassium 30 lbs./ac.  
Lime 600 lbs./ac. ENM\*

\* ENM = effective neutralizing material as per State evaluation of quarried rock.



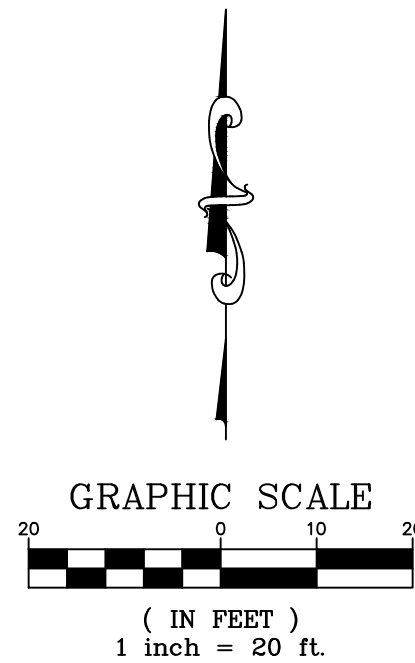
CALL BEFORE  
YOU DIG!  
1-800-DIG-RITE

\*FIBER OPTICS ARE PRESENT



LEGEND

|  |                          |  |                |
|--|--------------------------|--|----------------|
|  | CURB/AREA INLET          |  | BENCHMARK      |
|  | DOUBLE CURB/AREA INLET   |  | OLD STONE      |
|  | GRATED INLET             |  | CROSS          |
|  | DOUBLE GRATED INLET      |  | FOUND MONUMENT |
|  | SANITARY SEWER MANHOLE   |  | SET MONUMENT   |
|  | IRRIGATION CONTROL VALVE |  | CONCRETE       |
|  | SIGN                     |  | GAS            |
|  | TREE                     |  | BURIED GAS     |
|  | SURVEYED MEASUREMENT     |  | BURIED WATER   |
|  | RECORD MEASUREMENT       |  | SANITARY SEWER |
|  |                          |  | FENCE LINE     |
|  |                          |  | TREE LINE      |



### STORM WATER POLLUTION PREVENTION PLAN

#### A. PURPOSE:

The purpose of the Storm Water Pollution Prevention Plan (SWPPP) is to inform the Developer/Contractor of the following objectives they are required to meet:

- 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.
- All regulations of Missouri Department of Natural Resources are met.
- All regulations of the Environmental Protection Agency are met.
- All regulations of the local municipality are met.

#### B. PROJECT DESCRIPTION:

The project is located in the Dordenne Creek watershed (Tributary No. 17) in O'Fallon, Missouri. The project disturbs approximately 1.26 acres.

The project activities consist of the construction of a new building and parking lot. The site will be protected by the various erosion protection measures listed below:

- Siltation Control: The entire perimeter of the project that allows storm water to exit will have siltation control installed. Details of these devices are depicted on the detail plans prepared by Box Engineering Company, Inc.
- Revegetation: The site will consist of varying ground slopes, upon completion of the grading activities the slope prone to erosion will be seeded and staked 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 staked straw bale barriers damaged or out of place; (b) The removal of any accumulated trash and/or debris; and (c) The removal of any externally deposited waste materials.

**Periodic Inspections:** Following each rain of more than 0.25 inch in 24 hours, the site will be inspected, and any necessary maintenance will be provided for a period of one year following the completion of the above remediation measures. Summaries of the maintenance and the inspections will be maintained and shall be kept available from the owner. An inspection report shall be filed and kept on site for every inspection. The 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.

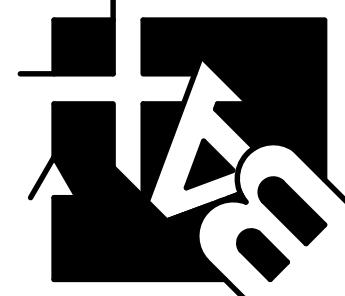
Measures will be taken to promote the growth of vegetation and repair of damage caused by erosion and sedimentation. The inspection will also provide recommendations for measures that need to be undertaken immediately, based on the experience and judgment of the inspector. Necessary follow up inspections will be made as necessary to verify that any maintenance, alteration, or repair measures are accomplished by methods acceptable by standard engineering practice.

### PROJECT TITLE:

ASPEN ACADEMY  
740 WELKER PARKWAY  
O'FALLON, MISSOURI 63385

ENGINEERING  
PLANNING  
SURVEYING

221 Point West Blvd.  
St. Charles, MO 63301  
636-928-5502  
FAX 928-1718



DISCLAIMER OF RESPONSIBILITY  
I hereby certify 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.



CLIFFORD L. HEITMANN  
CIVIL ENGINEER  
E29817

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Authority No. 000655  
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#### REVISIONS

|          |                      |
|----------|----------------------|
| 11-25-24 | dead & pswd comments |
| 12-18-24 | city comments        |
|          |                      |
|          |                      |
|          |                      |
|          |                      |
|          |                      |
|          |                      |

Developer / Owner:  
VM MUELLER PROPERTIES LLC - MADELINE MUELLER  
3298 DYER ROAD  
O'FALLON, MISSOURI 63366  
636-544-4357 - madeline.bathe@yahoo.com

SWPPP

P+Z No. # 24-0025299  
Approval Date: Sept 5, 2024

City No. #

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UNDERGROUND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE THEIR LOCATIONS SHALL BE CONSIDERED APPROXIMATE ONLY. THE VERIFICATION OF ALL UNDERGROUND UTILITIES, EITHER SHOWN OR NOT SHOWN ON THESE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE LOCATED PRIOR TO ANY GRADING OR CONSTRUCTION OF THE IMPROVEMENTS.