

GENERAL NOTES

- 1. ALL UTILITIES SHOWN HAVE BEEN LOCATED BY OTHERS FROM AVAILABLE RECORDS... 2. ALL ELEVATIONS ARE BASED ON U.S.G.S. DATUM... 3. ALL MATERIALS AND METHODS OF CONSTRUCTION TO MEET THE CURRENT STANDARDS AND SPECIFICATIONS AS REQUIRED BY CITY OF OFALLON AND THE MISSOURI DEPARTMENT OF TRANSPORTATION...

EARTHWORK NOTES

DATED 10/25/05 "EW1"

BULK CUT.....15.....± CUBIC YARD

BULK FILL.....7,403.....± CUBIC YARD

NET.....7,388.....± CUBIC YARD CUT

(INCLUDES 15% SHRINKAGE FACTOR) SUGGESTED SHRINKAGE PROVIDED BY THE GEOTECHNICAL ENGINEER. ACTUAL FIELD RESULTS MAY VARY.

THE ENGINEER HAS CALCULATED THE ABOVE QUANTITIES OF EARTHWORK TO BE REGRADING AS AN ESTIMATE OF THE BULK MOVEMENT OR REDISTRIBUTION OF SOILS ON THIS PROJECT...

THE QUANTITIES ESTIMATED FOR EACH OF THE IMPROVEMENT ITEMS LISTED ABOVE ARE BASED UPON THE HORIZONTAL AND VERTICAL LOCATION OF THE IMPROVEMENTS AS PROPOSED ON THE SITE ENGINEERING PLANS PREPARED BY COLE AND ASSOCIATES CONSULTING ENGINEERS.

THE ENGINEER'S EARTHWORK ESTIMATE DOES NOT INCLUDE ANY OF THE FOLLOWING ITEMS REQUIRING EARTHWORK THAT MAY BE NECESSARY FOR COMPLETION OF THE PROJECT: MISCELLANEOUS UNDERGROUND CONDUITS, INCLUDING SEWER LINES AND WATER MAINS LESS THAN TWENTY-FOUR INCHES IN DIAMETER...

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACTUAL SIZE OF THE FIELD EXCAVATIONS MADE FOR THE INSTALLATION OF UNDERGROUND STRUCTURES, AND AS SUCH, THE ACTUAL QUANTITIES OF EARTHWORK FROM SUCH ITEMS MAY VARY FROM THE ESTIMATE SHOWN ABOVE.

THE ENGINEER ASSUMES NO RESPONSIBILITY FOR COSTS INCURRED DUE TO REMOVAL OF UNSUITABLE MATERIAL FROM SITE.

THE ABOVE QUANTITIES ARE AN ESTIMATE AND SHOULD BE CONSIDERED AS SUCH. IT IS THE GRADING CONTRACTOR'S RESPONSIBILITY TO PREPARE A QUANTITY TAKEOFF AND NOTE ANY DISCREPANCIES TO THE ENGINEER.

NON-SEDIMENT POLLUTION PREVENTION NOTES

NOTES

NON-SEDIMENT POLLUTION CONTROL

- 1. PHYSICAL DESCRIPTION: CONTROL MEASURES DESIGNED TO PROHIBIT CHEMICALS, HAZARDOUS MATERIALS, SOLID WASTE AND CONSTRUCTION DEBRIS FROM POLLUTING STORM WATER... 2. WHERE BMP IS TO BE INSTALLED: COLLECTION, STORAGE AND FUELING AREAS SHOULD BE LOCATED ONSITE IN AN AREA THAT DOES NOT RECEIVE A SUBSTANTIAL AMOUNT OF RUNOFF FROM UPLAND AREAS...

POLLUTION PREVENTION NOTES

POLLUTION PREVENTION PROCEDURES

- 1. HANDLING AND DISPOSAL OF HAZARDOUS MATERIALS DO: PREVENT SPILLS USE PRODUCTS UP FOLLOW LABEL DIRECTIONS FOR DISPOSAL... 2. CONTAINERS SHALL BE PROVIDED FOR COLLECTION OF ALL WASTE MATERIAL INCLUDING CONSTRUCTION DEBRIS, TRASH, PETROLEUM PRODUCTS AND ANY HAZARDOUS MATERIALS TO BE USED ONSITE...

SILTATION CONTROL SPECIFICATIONS

SILTATION CONTROL GENERAL NOTES

- 1. INSTALLATION OF ALL PERIMETER SEDIMENT CONTROL SHALL BE IMPLEMENTED AS THE FIRST STEP OF GRADING AND WITHIN SEVEN (7) DAYS OF GRUBBING THE SITE... 2. INSPECTION OF SILTATION CONTROL DEVICES SHALL TAKE PLACE ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS OF ANY 0.5"/24 HOUR RAIN EVENT...

SILTATION CONTROL SCHEDULE IMPLEMENTATION

- 1. PERIMETER SILTATION CONTROL AND CONSTRUCTION ENTRANCES TO BE INSTALLED... 2. BEGIN PLACING AGGREGATE BASE IN PARKING AREAS ONCE AREA HAS REACHED FINAL GRADE TO PREVENT EROSION...

TEMPORARY ACCESS ROADS AND PARKING AREAS SPECIFICATIONS

- 1. TEMPORARY ROADS SHALL FOLLOW THE CONTOUR OF THE NATURAL TERRAIN TO THE EXTENT POSSIBLE. SLOPES SHOULD NOT EXCEED 10 PERCENT... 2. GRADES SHOULD BE SUFFICIENT TO PROVIDE DRAINAGE, BUT SHOULD NOT EXCEED 4 PERCENT...

VEGETATION

OFFSITE AREAS: ALL ROADSIDE DITCHES, CUTS, FILLS AND DISTURBED AREAS ADJACENT TO PARKING AREAS AND ROADS SHALL BE STABILIZED WITH APPROPRIATE TEMPORARY OR PERMANENT VEGETATION ACCORDING TO THE APPLICABLE STANDARDS AND SPECIFICATIONS.

ONSITE: REFER TO DRAWINGS FOR AREAS WHICH SHALL BE STABILIZED WITH APPROPRIATE TEMPORARY OR PERMANENT VEGETATION ACCORDING TO THE APPLICABLE STANDARDS AND SPECIFICATIONS.

SEEDING RATES

PERMANENT: TALL FESCUE - 30 LBS./AC. SMOOTH BROME - 20 LBS./AC. COMBINED: FESCUE @ 15 LBS./AC. AND BROME @ 10 LBS./AC.

TEMPORARY:

WHEAT OR RYE - 150 LBS./AC. (3.5 LBS. PER 1000 SQUARE FOOT) OATS - 120 LBS./AC. (2.75 LBS. PER 1000 SQUARE FOOT)

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 1,000 SQ. FEET (4,356 LBS. PER ACRE)

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.

MAINTENANCE

SEEDED AREAS ADJACENT TO THE ROADS AND PARKING AREAS SHOULD BE CHECKED PERIODICALLY TO ENSURE THAT A VIGOROUS STAND OF VEGETATION IS MAINTAINED. ROADSIDE DITCHES AND OTHER DRAINAGE STRUCTURES SHOULD BE CHECKED REGULARLY TO ENSURE THAT THEY DO NOT BECOME CLOGGED WITH SILT OR OTHER DEBRIS.

SILT FENCE SPECIFICATIONS

- 1. SILT FENCE TO BE WOVEN GEOTEXTILE FABRIC MIRAFI 100X OR EQUAL... 2. FABRIC TO BE SUPPORTED BY METAL TEE POST WITH SPADE BASE SPACED ON 5' CENTERS WITH W6 X W6/10 X 10 GAGE WELDED WIRE FENCE...

MAINTENANCE

- 1. SILT FENCE BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL... 2. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES...

GRADING/SEDIMENT & EROSION CONTROL NOTES

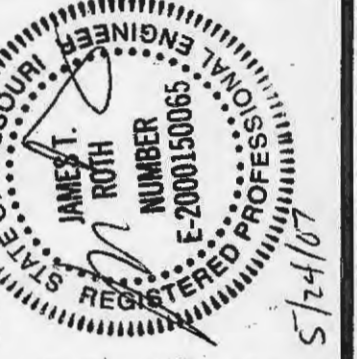
- 1. SEDIMENT AND EROSION CONTROL SHALL NOT BE LIMITED TO THE MEASURES SHOWN ON THE PLANS. THE CONTRACTOR, WITH THE APPROVAL OF THE COUNTY INSPECTOR, SHALL UTILIZE BEST MANAGEMENT PRACTICES TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTIES, ROADWAYS, STORM SEWERS, AND DRAINAGEWAYS... 2. ANY WELLS AND/OR SPRINGS WHICH MAY EXIST ON THIS PROPERTY SHOULD BE LOCATED AND SEALED IN A MANNER ACCEPTABLE TO THE ST. CHARLES COUNTY HIGHWAY DEPARTMENT...

REVISIONS

Table with columns for DATE, REVISION, and COMMENTS. Includes entries for 12/7/05 and 12/7/05.

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SPECIFICATIONS SHEET

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