

**LEGEND**

- 490 — MAJOR CONTOUR (EXISTING)
- 491 — MINOR CONTOUR (EXISTING)
- (480) — MAJOR CONTOUR (NEW)
- (481) — MINOR CONTOUR (NEW)
- INLET PROTECTION
- TURF REINFORCEMENT MAT
- SILT FENCE
- DITCH CHECK DAM
- TEMPORARY SEDIMENT BASIN

**NOTES:**

1. TURF REINFORCEMENT MAT TO BE MODOT TYPE 1 OR EQUIVALENT INSTALLED PER 2016 MISSOURI STANDARD SPECIFICATIONS FOR CONSTRUCTION.
2. TO PREVENT SEDIMENT FROM CLOGGING THE BMP, CONSTRUCTION SITE RUNOFF SHALL NOT FLOW INTO BMP AREAS. ALL STORMWATER FLOW TO BMP AREAS SHALL BE DIVERTED, PLUGGED, OR DISCONNECTED UNTIL THE CONSTRUCTION SITE IS STABLE AND THE INSPECTOR PROVIDES APPROVAL TO PLACE THE BMP ON-LINE.
3. CONTRACTOR TO CONSTRUCT SWALES, BERMS, ETC... TO DIVERT SITE RUNOFF TO TEMPORARY SEDIMENT BASINS. DITCH CHECKS, SILT FENCE, ETC... SHALL BE INSTALLED TO MINIMIZE EROSION.
4. CONTRACTOR TO CONSTRUCT DIVERSION BERMS, DITCHES, ETC... TO INSURE THAT STORMWATER AND SEDIMENT RUNOFF ARE DIVERTED TO THE TEMPORARY SEDIMENT BASINS.
5. CONTRACTOR SHALL CLEAN/REMOVE SILT FROM TEMPORARY SEDIMENT BASINS AS NECESSARY.
6. TEMPORARY SEDIMENT BASINS SHALL BE COMPLETELY CLEANED OF SEDIMENT PRIOR TO FINALIZING EARTHWORK OPERATIONS AND CONSTRUCTION OF UNDERGROUND DETENTION BASIN FOR PERMANENT STORMWATER CONTROL.
7. SEE SEDIMENT BASIN 2 TABLE ON THIS SHEET FOR VOLUME GUIDELINES. VOLUMES AND ELEVATIONS ARE PROVIDED FOR CONCEPTUAL LAYOUT ONLY. CONTRACTOR IS RESPONSIBLE FOR GRADING THE SEDIMENT BASINS TO CONTAIN MINIMUM VOLUME SPECIFIED.

**SPECIAL NOTE TO CONTRACTOR(S):**  
 EXISTING UNDERGROUND AND ABOVE-GRADE FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN PLOTTED ON THESE CONTRACT DOCUMENTS BASED ON THE INFORMATION AND SURVEYS AVAILABLE AT THE TIME OF DRAWING PREPARATION. THE LOCATIONS OF THESE FEATURES MUST, THEREFORE, BE CONSIDERED APPROXIMATE, ONLY. IN ADDITION, THERE MAY BE OTHER FACILITIES, STRUCTURES, AND UTILITIES WHICH DID NOT EXIST (OR THE EXISTENCE OF WHICH WAS NOT KNOWN) AT THE TIME OF DRAWING PREPARATION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR(S) TO HAVE ALL EXISTING FACILITIES, STRUCTURES, AND UTILITIES LOCATED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ACTIVITY, AND TO PROTECT ALL SUCH EXISTING FEATURES (EXCEPT THOSE SPECIFICALLY NOTED FOR REMOVAL OR DEMOLITION) DURING CONSTRUCTION.

SEDIMENT BASIN 2			
Elevation	Area (s.f.)	Distance (ft)	Volume (cf)
512.00	1,753		
513.00	3,563	1.00	2,658
514.00	5,430	1.00	4,497
515.00	7,352	1.00	6,391
516.00	9,332	1.00	8,342
<b>TOTAL</b>			<b>21,888</b>

MATCHLINE (SEE SHEET C6.2)

PRINTS ISSUED  
 05/11/18 - Permit Set

REVISIONS:

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 DISCIPLINE: PROFESSIONAL ENGINEERING  
 CERTIFICATE OF AUTHORITY: 000769  
 EXPIRATION DATE: DECEMBER 31, 2018



Name: April Geismann  
 Discipline: Civil Engineer  
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 Expiration Date: 12/31/2019

**RENEW O'FALLON**  
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SHEET TITLE: ROUGH GRADING PLAN AND SWPPP

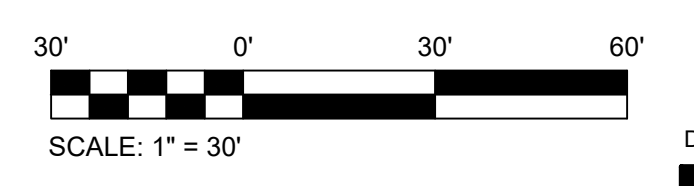
PROJECT NUMBER: 17050

SHEET NUMBER:

**C6.1**

DRAWN BY: AMH CHECKED BY: AMG

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