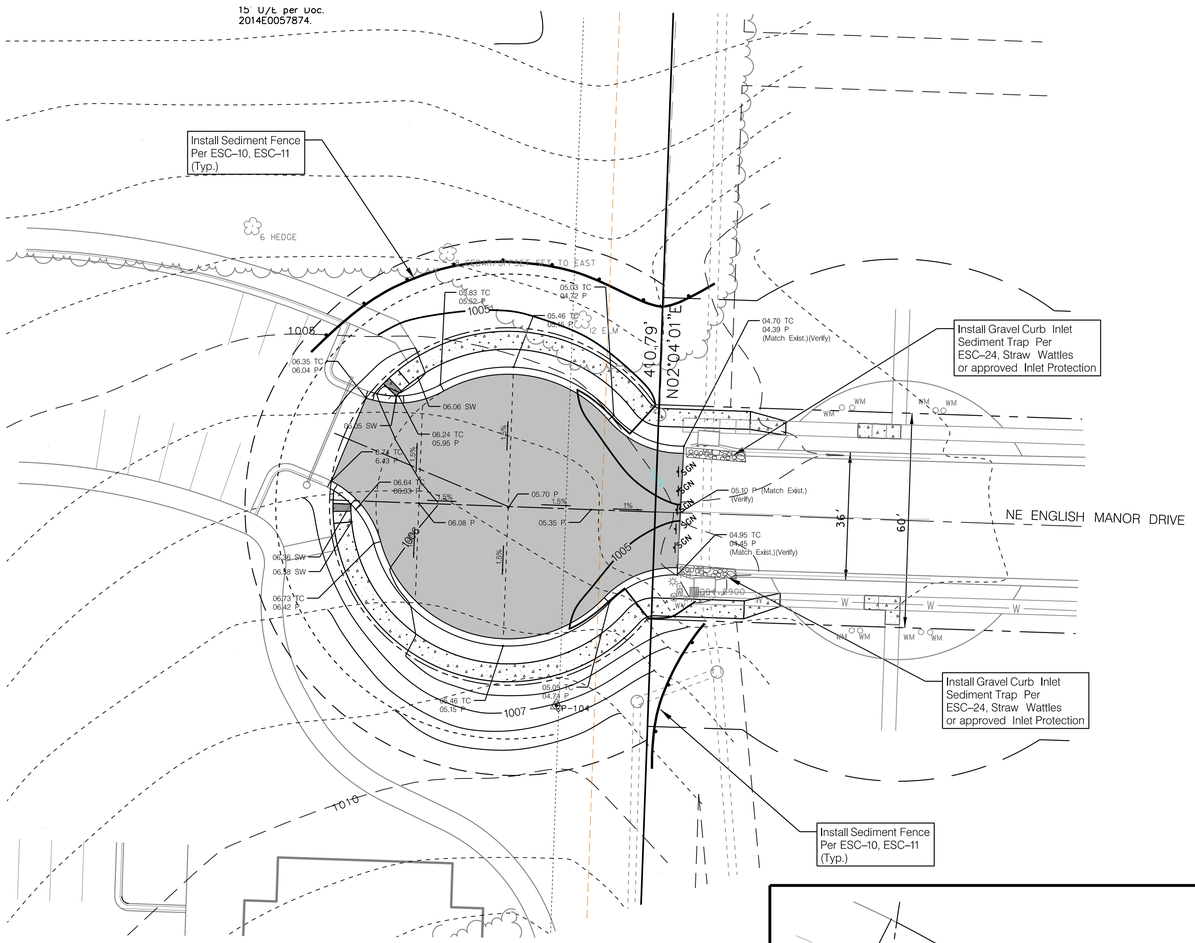
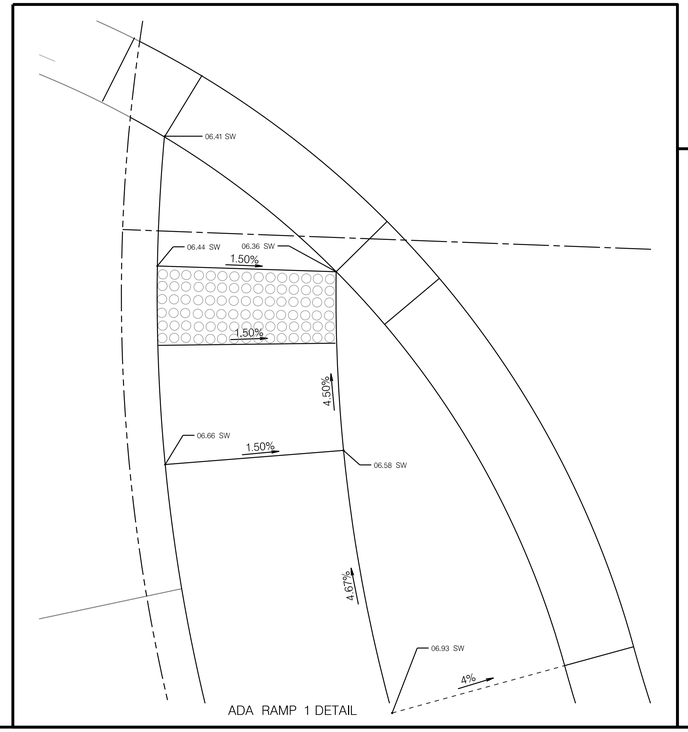


GRADING NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE NECESSARY PERMITS FOR THE COMPLETION OF EARTHWORK AS SHOWN AND FOR HAULING BORROW MATERIAL IN AND WASTE MATERIAL OFF OF THE SITE.
2. AREAS OF PROPOSED CONSTRUCTION SHALL BE STRIPPED OF ALL VEGETATION AND TOPSOIL TO A DEPTH OF SIX INCHES (6") OR AS DIRECTED BY THE GEOTECHNICAL ENGINEER. THE TOPSOIL SHALL BE STOCKPILED AND REDISTRIBUTED PER THE SPECIFICATIONS. TOPSOIL SHALL NOT BE USED FOR STRUCTURAL FILL IN BUILDING AND PAVEMENT AREAS.
3. TESTING AND INSPECTION OF EARTHWORK SHALL BE PROVIDED BY A TESTING LABORATORY SELECTED BY THE OWNER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO FIELD ADJUST THE TOPS OF ALL MANHOLES AND VALVE/METER BOXES AS NECESSARY TO MATCH THE FINISH GRADE OF ADJACENT AREAS, NO SEPARATE OR ADDITIONAL COMPENSATION SHALL BE MADE TO THE CONTRACTOR FOR MAKING FINAL ADJUSTMENTS TO MANHOLES AND BOXES.
5. THE CONTRACTOR SHALL CLEAN OUT ALL EXISTING AND PROPOSED INLETS, PIPES AND MANHOLES OF DEBRIS AND SEDIMENTATION AT COMPLETION OF SITEWORK. THIS WORK SHALL BE DONE TO THE SATISFACTION OF THE OWNER.
6. SOIL FROM THE CUT AREA TO BE MOVED AND GRADED INTO FILL AREA PROMPTLY.
7. SOIL FOR FILLING SHOULD BE GRADED AS IT ARRIVES.

EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES THROUGHOUT THE PROJECT.ANY AND ALL FINES ASSOCIATED WITH EROSION CONTROL VIOLATIONS WILL BE THE CONTRACTOR'S RESPONSIBILITY.
2. EROSION CONTROL IS THE CONTRACTOR'S RESPONSIBILITY AND THIS PLAN SHOULD BE USED AS A GUIDE, AND REPRESENTS THE MINIMUM EROSION CONTROL DEVICES REQUIRED.
3. TOPSOIL FROM GRASS COVERED AREA SHALL BE SALVAGED AND STOCKPILED IN AND SURROUNDED BY SILT FENCE UNTIL IT CAN BE REPLACED IN PROPOSED GREEN SPACE AREAS.
4. SOIL EXCAVATED FROM THE CUT AREAS SHALL BE MOVED AND GRADED INTO FILL AREAS PROMPTLY.
5. SOIL BROUGHT TO THE SITE FOR FILLING SHALL BE GRADED INTO FILL AREAS AS IT ARRIVES.
6. GRAVEL FILTER BAGS OR STRAW BALES SHALL BE PLACED AROUND EACH INLET OR CULVERT PIPE IMMEDIATELY AFTER THEY ARE PLACED OR CONSTRUCTED.
7. THE CONTRACTOR SHALL PROVIDE ANY FURTHER EROSION CONTROL MEASURES IN ADDITION TO THOSE LISTED TO ENSURE THAT SILT WILL NOT LEAVE THE PROJECT CONFINES.
8. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED.
9. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FROM THE SITE IF NOT RE-USEABLE ONSITE.
10. THE CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, CULVERTS, INLETS, FLUMES, PIPES, ETC. ARE CLEANED OUT AND WORKING PROPERLY AT TIME OF ACCEPTANCE.
11. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY STABILIZATION AS REQUIRED.
12. THE CONTRACTOR SHALL PROVIDE INGRESS/EGRESS TRACKING PAD(S) FOR VEHICULAR TRAFFIC TO ACCESS THE SITE AT LOCATION(S) APPROVED BY THE OWNER'S REPRESENTATIVE.
13. ALL DITCHES AND SLOPES WITHIN THE PROJECT LIMITS SHALL BE SEEDED AND STABILIZED IMMEDIATELY AFTER THEY HAVE BEEN GRADED AND CONSTRUCTED.
14. ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED UPON COMPLETION OF FINAL GRADING. INSTALLATION AND MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES (TEMPORARY & PERMANENT) SHALL BE A CONTINUOUS OPERATION UNTIL ALL SITEWORK IS COMPLETE.
15. ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.
16. SILT FENCES SHALL BE INSPECTED AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. THE CONTRACTOR SHALL MAKE ANY REPAIRS IMMEDIATELY.
17. SILT FENCES SHALL BE INSPECTED FOLLOWING ANY ACTIVITY ON THE SITE WHICH MAY HAVE DAMAGED THE FENCE OR CAUSED ADDITIONAL SEDIMENT TO ACCUMULATE.
18. SHOULD THE SILT FENCE FABRIC COLLAPSE, TEAR, DECOMPOSE, OR BECOME INEFFECTIVE, THE CONTRACTOR SHALL REPLACE IT PROMPTLY.
19. SEDIMENT DEPOSITS ACCUMULATED ALONG THE SILT FENCE SHALL BE REMOVED AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE.
20. CARE MUST BE TAKEN TO AVOID UNDERMINING THE SILT FENCE DURING CLEANOUT.
21. THE LANDSCAPING PLAN INDICATES GREEN SPACE AREAS THAT SHALL BE COVERED WITH TOPSOIL, AND MULCH FOR GROWING PERMANENT VEGETATION, AND AREAS THAT SHALL BE PERMANENTLY STABILIZED WITH BUILDINGS, PAVEMENT AND SIDEWALKS.
22. ONCE THE SITE IS BROUGHT TO PROPOSED GRADE, PROVIDE TEMPORARY HYDROSEEDING TO ASSIST WITH EROSION AND SEDIMENT CONTROL ON THE AREAS THAT WILL NOT BE PAVED. IF HYDROSEEDING IS NOT SUCCESSFUL, THE AREA WILL BE RE-HYDROSEEDED UNTIL IT IS SUCCESSFUL.
23. EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE.



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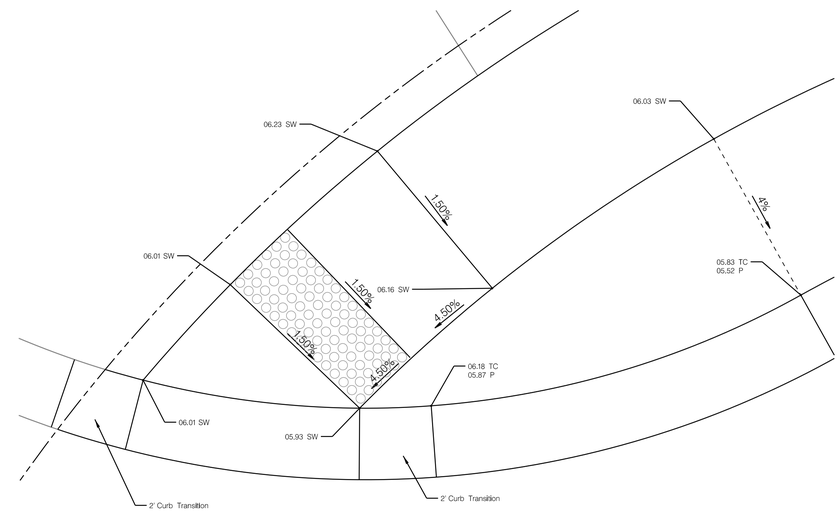

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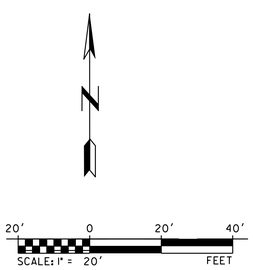

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STATE OF MISSOURI
LANCE W. SCOTT
NUMBER E-25555
PROFESSIONAL ENGINEER
10/21/21

Mark	Description	Date	Appr.
	CITY SUBMITTAL	10/21/21	

Designed by: RP
Dwn by: RP
Ckd by: LWS
Submitted by: ---
Date: 03-25-2015
Reviewed by: ---
Plot scale: 1:20
Rev. -
File name: 215065-ST-SH-CD Public Street Grading and Erosion Control
Plot date: 10/18/2021 AM

SUMMIT POINT
504 NE Chipman Road
Lee's Summit, Missouri

Construction Drawings

NE ENGLISH MANOR DRIVE
GRADING AND EROSION CONTROL PLAN

C103

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