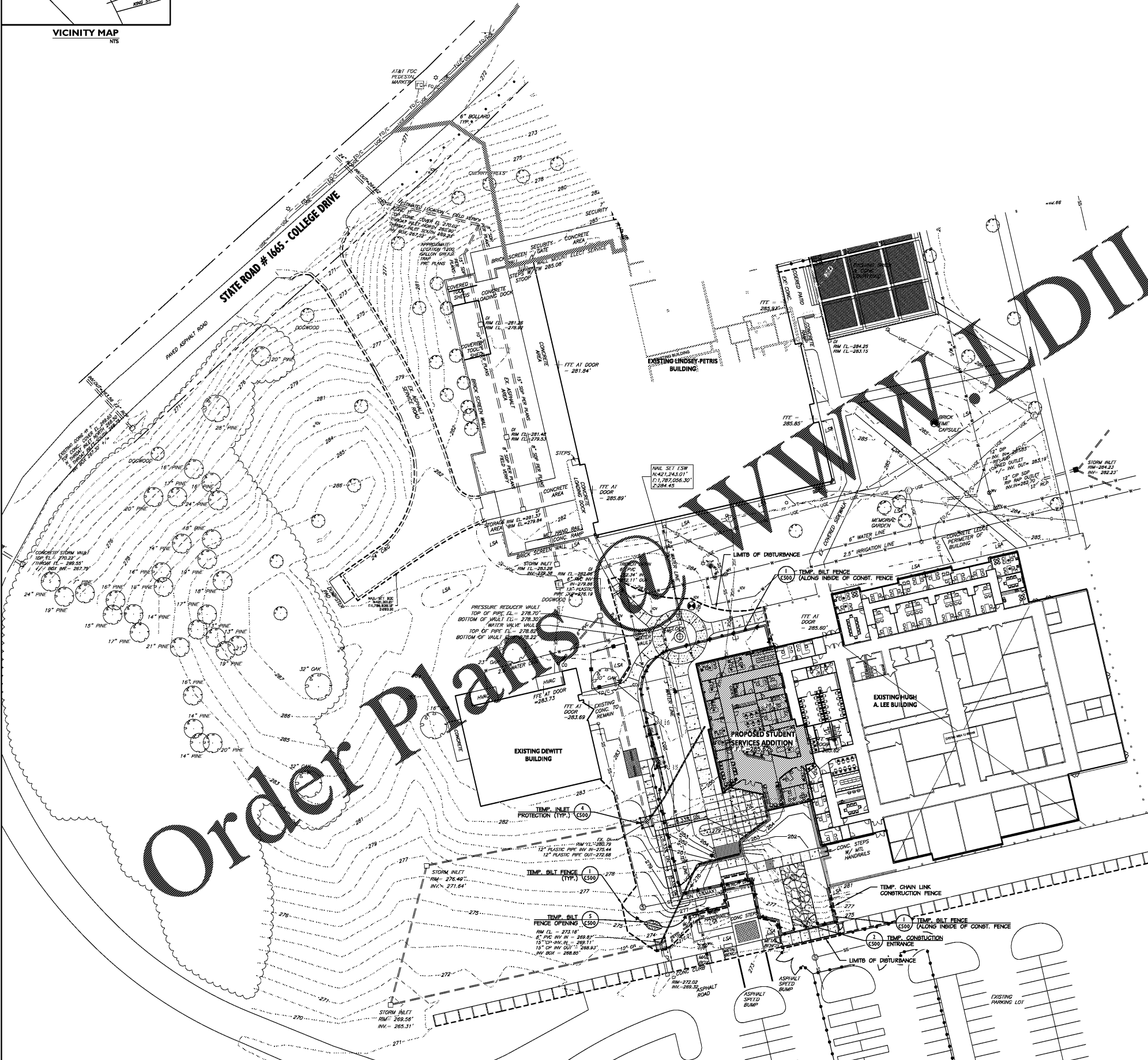


VICINITY MAP
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EROSION CONTROL NOTES:

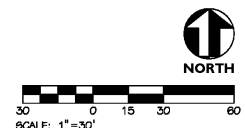
1. SOIL STABILIZATION SHALL BE ACHIEVED ON ANY AREA OF A SITE WHERE LAND-DISTURBING ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED ACCORDING TO THE FOLLOWING SCHEDULE:
 - 1A. ALL PERIMETER DIKES, SWALES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 HORIZONTAL TO 1 VERTICAL (3:1) SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
 - 1B. ALL OTHER DISTURBED AREAS SHALL BE PROVIDED TEMPORARY OR PERMANENT STABILIZATION WITH GROUND COVER AS SOON AS PRACTICABLE BUT IN ANY EVENT WITHIN 14 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACTIVITY.
- 1C. CONDITIONS - IN MEETING THE STABILIZATION REQUIREMENTS ABOVE, THE FOLLOWING CONDITIONS OR EXEMPTIONS SHALL APPLY:
 - 1D. EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE.
 - 1E. ALL SLOPES 5:1 IN LENGTH OR GREATER SHALL APPLY THE GROUND COVER WITHIN 7 DAYS EXCEPT WHEN THE SLOPE IS FLATTER THAN 4:1. SLOPES LESS THAN 5:1 SHALL APPLY GROUND COVER WITHIN 14 DAYS EXCEPT WHEN SLOPES ARE STEEPER THAN 3:1, THE 7 DAY REQUIREMENT APPLIES.
 - 1F. ANY SLOPED AREA FLATTER THAN 4:1 SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT.
 - 1G. SLOPES 10' OR LESS IN LENGTH SHALL BE EXEMPT FROM THE 7 DAY GROUND COVER REQUIREMENT EXCEPT WHEN THE SLOPE IS STEEPER THAN 2:1.
 - 1H. ALTHOUGH STABILIZATION IS USUALLY SPECIFIED AS GROUND COVER, OTHER METHODS, SUCH AS CHEMICAL STABILIZATION, MAY BE ALLOWED ON A CASE-BY-CASE BASIS.
- 1I. FOR PORTIONS OF PROJECTS WITHIN THE BEDMENT CONTROL COMMISSION-DERIVED HIGH QUALITY WATER ZONE (15A NCAO, O.100), STABILIZATION WITH GROUND COVER SHALL BE ACHIEVED AS SOON AS PRACTICABLE BUT IN ANY EVENT ON ALL AREAS OF THE SITE WITHIN 7 CALENDAR DAYS FROM THE LAST LAND-DISTURBING ACT.
- 1J. PORTIONS OF A SITE THAT ARE LOWER IN ELEVATION THAN ADJACENT DISCHARGE LOCATIONS AND ARE NOT EXPECTED TO DISCHARGE SLURRY CONSTRUCTION MAY BE EXEMPT FROM THE TEMPORARY GROUND COVER REQUIREMENTS IF IDENTIFIED ON THE APPROVED EROSION CONTROL PLAN OR BY THE PERMITTING AUTHORITY.
2. ADDITIONAL MEASURES TO CONTROL EROSION AND SEDIMENTATION MAY BE REQUIRED BY A REPRESENTATIVE OF THE PERMITTING AUTHORITY. ANY LAND-DISTURBING ACTIVITY 5+ ACRES REQUIRES COMPLIANCE WITH ALL CONDITIONS OF THE GENERAL PERMIT TO DISCHARGE STORM WATER UNDER THE NITRATE POLLUTANT DISCHARGE ELIMINATION SYSTEM (NDES) (NOVEMBER 2003). ANY PERIOD OF NON-COMPLIANCE IS A VIOLATION OF THE PERMIT AND WILL REQUIRE ENFORCEMENT ACTION BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES.

MAINTENANCE PLAN:

1. ALL EROSION AND BEDMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCING RAINFALL, BUT IN NO CASE LESS THAN ONCE EVERY WEEK. WHEN NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGN.
2. SEDIMENT WILL BE REMOVED FROM THE TEMPORARY BEDMENT TRAPS WHEN STORAGE CAPACITY HAS BEEN APPROPRIATELY FULLED. GRAVEL FILTERS WILL BE CLEANED OR REPLACED WHEN THE SEDIMENT POOL NO LONGER DRAINS PROPERLY.
3. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECAME ABOUT 0.5 FEET DEEP AT THE FENCE.
4. THE BEDMENT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER. THE ENGINEER MAY DIRECT THAT ADDITIONAL SILT FENCING OR EROSION CONTROL MATING BE INSTALLED AT ANY TIME PRIOR TO FINAL ACCEPTANCE.
5. ALL EROSION AND BEDMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS INCLUDED IN THESE PLANS UNLESS OTHERWISE DIRECTED BY THE ENGINEER IN WRITING.
6. ALL EROSION AND BEDMENT CONTROL MEASURES SHALL BE REMOVED ONCE THE ENTIRE SITE IS STABILIZED.

LEGEND

EXISTING SIGN	EXISTING CURB AND GUTTER
EXISTING IRON PIN	PROPOSED CURB AND GUTTER
EXISTING LIGHT POLE	PROPERTY LINE
EXISTING UTILITY POLE	EXISTING FENCE
R/W	RIGHT-OF-WAY
EXISTING TREE TO REMAIN	EXISTING UNDERGROUND ELECTRIC LINE
EXISTING FIRE HYDRANT	OH/U
EXISTING WATER VALVE	EXISTING OVERHEAD UTILITY LINE
EXISTING WATER METER	—SS—
EXISTING SEWER MANHOLE	EXISTING UNDERGROUND TELEPHONE LINE
EXISTING STORM MANHOLE	—W—
PROPOSED STORM MANHOLE	EXISTING SANITARY SEWER LINE
EXISTING DRAINAGE STRUCTURE	—G—
PROPOSED DRAINAGE STRUCTURE	EXISTING WATER LINE
TEMPORARY SILT SACK	—G—
TEMPORARY INLET PROTECTION	EXISTING GAS LINE
TEMPORARY ROCK CHECK DAM	—XXX—
TEMPORARY FILTER BERM BASIN	EXISTING CONTOUR LINE
OUTLET PROTECTION	PROPOSED CONTOUR LINE
	EXISTING STORM DRAINAGE PIPE
	PROPOSED STORM DRAINAGE PIPE
	TEMPORARY SILT FENCE
	TEMPORARY TREE PROTECTION BARRICADE
	LIMITS OF GRADING/CONSTRUCTION
	LINED GRASS SWALE
	GRASS SWALE
	TEMPORARY DIVERSION SWALE



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BID DOCUMENTS

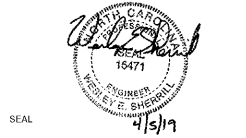
EROSION CONTROL PLAN

DATE 04.05.2019
PROJECT NO 16063

REVISIONS

NO	DATE	DESCRIPTION

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