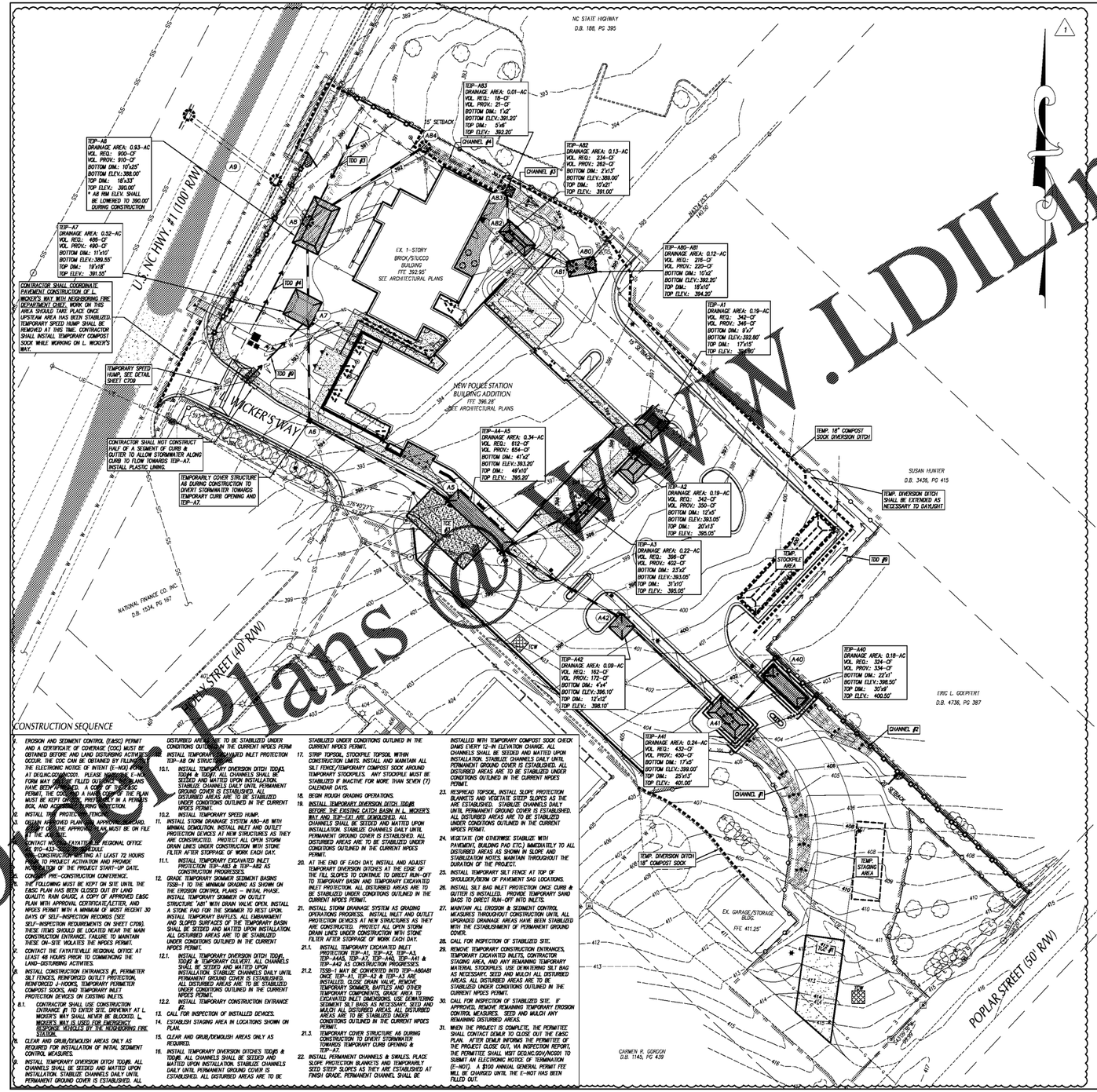

Not for Construction Plans

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LEGEND

TEMP. GRAVEL CONSTR. ENTRANCE SEE DETAIL SHEET C701
TEMP. SEDIMENT BASIN SEE DETAIL SHEET C702
TEMP. INLET PROTECTION DEVICE SEE DETAIL SHEET C701
EXISTING CONTOUR
PROPOSED CONTOUR
TEMP. CONTOUR (TEMP. GRADES DURING CONSTR.)
TEMP. SEDIMENT FILTER DEVICE FOR INLINE DRAINS, SEE SPECS
TEMP. DEWATERING SILT BAG SEE DETAIL SHEET C701
TEMP. EXCAVATION SEE DETAIL SHEET C701
TEMP. SILT FENCE SEE DETAIL SHEET C701
TCW
TEMP. CONCRETE WASHOUT AREA SEE DETAIL SHEET C709
TEMP. REINFORCED SILT FENCE OUTLET SEE DETAIL SHEET C701
PROPOSED STORM SEWER PIPES
EXISTING STORM SEWER PIPES
TEMP. J-HOOK PROTECTION SEE DETAIL SHEET C701
CONSTRUCTION LIMITS UNLESS OTHERWISE NOTED
TEMP. COMPOST SOCK SEE DETAIL SHEET C701
TEMP. PLASTIC LINING, SEE TEMP. BASIN BAFFLES ON DETAIL SHEET C702
TREE PROTECTION FENCE SEE DETAIL SHEET C701
CHANNEL LINING SEE DETAIL SHEET C702
TEMP. DIVERSION DITCH / BERM SEE DETAIL SHEET C702
TEMP. COMPOST SOCK IN CHANNEL SEE DETAIL SHEET C701

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF ABERDEEN AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL CODES IN OBSERVING EROSION CONTROL MEASURES BOTH ON AND OFF SITE. ALL OFF-SITE SOIL BORROW AND WASTE SITES SHALL BE PROPERLY PERMITTED FOR SUCH ACTIVITIES. CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION OF SEDIMENT & EROSION CONTROL PERMIT FOR ANY OFF-SITE SITES TO OWNER PRIOR TO RELOCATING ANY STOCKPILE MATERIALS.
3. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
4. TOTAL DISTURBED AREA: 2.8 AC.±
5. ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY. SEE DETAIL SHEET C701.
6. ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLUSHED OF ALL SEDIMENT FOLLOWING SITE STABILIZATION. INTERIOR FLUSHING OF SYSTEM SHALL BE PERFORMED AS NEEDED TO MAINTAIN PROPER FUNCTIONING OF THE DRAINAGE SYSTEM. CLEANING SHALL BE PERFORMED IN A MANNER WHICH PREVENTS SEDIMENT FROM BEING FLUSHED THROUGH PIPES TO THE EXISTING DRAINAGE SYSTEM.
7. THE INDICATED STAGING AREA IS INTENDED FOR VEHICLES AND NON-ERODIBLE MATERIALS ONLY. NO SOIL, SAND OR OTHER ERODIBLE, FINE GRAINED MATERIAL SHALL BE STORED OUTSIDE OF THE LIMITS OF THE SITE PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES.
8. SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES. STOCKPILES SHALL BE STABILIZED AS REQUIRED AS INDICATED IN THE SLOPE & SURFACE STABILIZATION NOTES ON THIS PLAN.
9. THE TREE PROTECTION FENCE SHALL BE MAINTAINED ON THE SITE UNTIL ALL SITE WORK IS COMPLETED AND THE FINAL SITE INSPECTION IS SCHEDULED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY (CO). THE FENCING SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FINAL SITE INSPECTION FOR THE SITE.
10. TREE PROTECTION FENCING SHALL NOT BE MOVED AND THERE SHALL BE NO ENCROACHMENT INTO SUCH PROTECTED AREA(S) WITHOUT WRITTEN AUTHORIZATION OF THE COUNTY ZONING COMPLIANCE STAFF. ANY ACTIVITY (LANDSCAPING, FENCING, OR UTILITY INSTALLATION) SHOWN ON THE APPROVED PLANS IN A TREE PROTECTION AREA, SHALL ALSO NOT OCCUR WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY ZONING COMPLIANCE STAFF. ANY UNAUTHORIZED ENCROACHMENT OR DISTURBANCE WITHIN THE BOUNDARIES OF A TREE PROTECTION AREA SHALL AUTOMATICALLY RESULT IN FINES AND THE REPLACEMENT OF ANY DAMAGED VEGETATION IN ACCORDANCE WITH THE LAND DEVELOPMENT ORDINANCE.
11. ROADSIDE DITCHES AND CHANNELS SHALL BE STABILIZED DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
12. INSTALL TEMPORARY MATTING TO TOP OF ALL SIDE SLOPES ON CHANNELS, DIVERSION DITCHES AND TEMPORARY SEDIMENT BASINS. SEE DETAIL SHEET C702 (PERMANENT CHANNEL) AND C702 (TEMPORARY DIVERSION DITCH) FOR TYPE OF MATTING TO USE. 1
13. ANY DEWATERING OF SEDIMENT CONTAINMENT DEVICES FOR MAINTENANCE, REMOVAL OR CONVERSION PURPOSES IS TO BE DONE THROUGH A SILT BAG.
14. ANY DEWATERING OF STORM/UTILITY TRENCHES IS TO BE DONE THROUGH A SILT BAG.
15. GROUND COVER IS TO BE APPLIED PER CONDITIONS OF THE NPDES PERMIT OR AT THE END OF THE DAY IN CRITICAL AREAS.
16. CONTRACTOR SHALL USE TIRE WASH STATION TO PREVENT SEDIMENT FROM TRACKING ONTO THE ROAD IF CONSTRUCTION ENTRANCE IS FOUND INSUFFICIENT AT NO ADDITIONAL COST TO THE OWNER. 1

MAINTENANCE PLAN

1. DURING ALL PHASES OF CONSTRUCTION, GROUNDCOVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (C709) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
2. FINAL PERMANENT GROUNDCOVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION TABLE (C709) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
3. THE ABOVE REQUIREMENTS ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED THOSE ABOVE.
4. SLOPE EROSION CONTROL MATTING SHALL BE INSTALLED FOR TEMPORARY STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER). REFER TO MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
5. ALL OTHER SEEDED AREAS SHALL BE MULCHED WITH STRAW AND TACKED WITH ASPHALT.

SELF-INSPECTION RULES

SEE SHEET C709 FOR SELF-INSPECTION REQUIREMENTS.

THE FINANCIALLY RESPONSIBLE PERSON AND/OR HIS AGENT WILL BE PERFORM SELF INSPECTIONS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES USING NCDEMLR'S SELF INSPECTION REPORT (WORKSHEET) AND THIS WILL BE KEPT ONSITE.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION NOTES. SEE SHEET C709.

EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION II.B(2) (b))

THE REQUIREMENTS ON SHEET C709 ARE THE MINIMUM NECESSARY TO MEET EROSION AND SEDIMENT CONTROL REGULATIONS. THE CONTRACT DOCUMENTS INCLUDE ADDITIONAL SEEDING AND STABILIZATION REQUIREMENTS AND SCHEDULES WHICH MAY EXCEED MINIMUM REQUIREMENTS.

INSTALL TEMPORARY EXCELSION MATTING FOR STABILIZATION DURING THE ESTABLISHMENT OF VEGETATIVE COVER ON ALL STEEP SLOPES (6:1 OR STEEPER) AND AREAS OF CONCENTRATED FLOW (CHANNELS, DITCHES, SWALES, ETC.), UTILIZE TEMPORARY COCONUT MAT IN AREAS IDENTIFIED ON PLAN. REFER TO SPECIFICATION SECTION 312500 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

CONSTRUCTION SEQUENCE

1. EROSION AND SEDIMENT CONTROL (E&SC) PERMIT AND A CERTIFICATE OF COVERAGE (COC) MUST BE OBTAINED BEFORE ANY LAND DISTURBING ACTIVITY OCCUR. THE COC CAN BE OBTAINED BY FILLING OUT THE ELECTRONIC NOTICE OF INTENT (E-NOI) FORM AT DEQNC.GOV/ENCSOI. PLEASE NOTE: ONLY E-NOI FORM MAY BE FILLED OUT ONCE PERMITS HAVE BEEN ISSUED. A COPY OF THE E&SC PERMIT, THE COC AND A HARD COPY OF THE PLAN MUST BE KEPT ONSITE, PREFERABLY IN A PERMITS BOX, AND ACCESSIBLE DURING INSPECTION.
2. INSTALL TREE PROTECTION FENCING.
3. OBTAIN APPROVED PLANS AND APPROPRIATE PERMIT FROM THE APPROVING AHJ. MUST BE ON FILE ON THE JOBSITE.
4. CONTACT THE FAYATTEVILLE REGIONAL OFFICE (910-433-3300) TO SCHEDULE A PRE-CONSTRUCTION CONFERENCE AT LEAST 72 HOURS PRIOR TO PROJECT ACTIVATION AND PROVIDE NOTIFICATION OF THE PROJECT START-UP DATE.
5. CONDUCT PRE-CONSTRUCTION CONFERENCE.
6. THE FOLLOWING MUST BE KEPT ON SITE UNTIL THE E&SC PLAN HAS BEEN CLOSED OUT BY LAND QUALITY STAFF: A COPY OF APPROVED E&SC PLAN WITH APPROVAL CERTIFICATE/LETTER, AND NPDES PERMIT WITH A MINIMUM OF MOST RECENT 30 DAYS OF SELF-INSPECTION RECORDS (SEE SELF-INSPECTION REQUIREMENTS ON SHEET C709). THESE ITEMS SHOULD BE LOCATED NEAR THE MAIN CONSTRUCTION ENTRANCE. FAILURE TO MAINTAIN THESE ON-SITE VIOLATES THE NPDES PERMIT.
7. CONTACT THE FAYATTEVILLE REGIONAL OFFICE AT LEAST 48 HOURS PRIOR TO COMMENCING THE LAND-DISTURBING ACTIVITIES.
8. INSTALL CONSTRUCTION ENTRANCES #1, PERIMETER SILT FENCES, REINFORCED OUTLET PROTECTION, REINFORCED J-HOOKS, TEMPORARY PERIMETER COMPOST SOCKS, AND TEMPORARY INLET PROTECTION DEVICES ON EXISTING INLETS.
   8.1. CONTRACTOR SHALL USE CONSTRUCTION ENTRANCE #1 TO ENTER SITE. DRIVEWAY AT L. WICKER'S WAY SHALL NEVER BE BLOCKED. L. WICKER'S WAY IS USED FOR EMERGENCY RESPONSE VEHICLES BY THE NEIGHBORING FIRE STATION.
9. CLEAR AND GRUB/DEMOLISH AREAS ONLY AS REQUIRED FOR INSTALLATION OF INITIAL SEDIMENT CONTROL MEASURES.
10. INSTALL TEMPORARY DIVERSION DITCH TDD@5, ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
    10.1. INSTALL TEMPORARY DIVERSION DITCH TDD@5, TDD@4 & TDD@7. ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
    10.2. INSTALL TEMPORARY SPEED HUMP.
11. INSTALL STORM DRAINAGE SYSTEM A80-A8 WITH MINIMAL DEMOLITION. INSTALL INLET AND OUTLET PROTECTION DEVICES AT NEW STRUCTURES AS THEY ARE CONSTRUCTED. PROTECT ALL OPEN STORM DRAIN LINES UNDER CONSTRUCTION WITH STONE FILTER AFTER STOPPAGE OF WORK EACH DAY.
    11.1. INSTALL TEMPORARY EXCAVATED INLET PROTECTION TEP-A83 & TEP-A82 AS CONSTRUCTION PROGRESSES.
12. GRADE TEMPORARY SWIMMER SEDIMENT BASINS TSSB-1 TO THE MINIMUM GRADING AS SHOWN ON THE EROSION CONTROL PLANS – INITIAL PHASE. INSTALL TEMPORARY SKIMMER ON OUTLET STRUCTURE "A91" WITH DRAIN VALVE OPEN. INSTALL A STONE PAD FOR THE SKIMMER TO REST UPON. INSTALL TEMPORARY BAFFLES, ALL EMBANKMENT AND SLOPES SURFACES OF THE TEMPORARY BASIN SHALL BE SEEDED AND MATTED UPON INSTALLATION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
    12.1. INSTALL TEMPORARY DIVERSION DITCH TDD@6, TDD@7 & TEMPORARY CULVERT. ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
    12.2. INSTALL TEMPORARY CONSTRUCTION ENTRANCE #2.
13. CALL FOR INSPECTION OF INSTALLED DEVICES.
14. ESTABLISH STAGING AREA IN LOCATIONS SHOWN ON PLAN.
15. CLEAR AND GRUB/DEMOLISH AREAS ONLY AS REQUIRED.
16. INSTALL TEMPORARY DIVERSION DITCHES TDD@8 & TDD@9. ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
17. STRIP TOPSOIL, STOCKPILE TOPSOIL WITHIN CONSTRUCTION LIMITS. INSTALL AND MAINTAIN ALL SILT FENCE/TEMPORARY COMPOST SOCK AROUND TEMPORARY STOCKPILES. ANY STOCKPILE MUST BE STABILIZED IF INACTIVE FOR MORE THAN SEVEN (7) CALENDAR DAYS.
18. BEGIN ROUGH GRADING OPERATIONS.
19. INSTALL TEMPORARY DIVERSION DITCH TDD@8 BEFORE THE EXISTING DITCH BASIN IN L. WICKER'S WAY AND TEMP-EXT. ARE DEMOLISHED. ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
20. AT THE END OF EACH DAY, INSTALL AND ADJUST TEMPORARY DIVERSION DITCHES AT THE EDGE OF THE FILL SLOPES TO CONTINUE TO DIRECT RUN-OFF TO TEMPORARY BASIN AND TEMPORARY EXCAVATED INLET PROTECTION. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
21. INSTALL STORM DRAINAGE SYSTEM AS GRADING OPERATIONS PROGRESS. INSTALL INLET AND OUTLET PROTECTION DEVICES AT NEW STRUCTURES AS THEY ARE CONSTRUCTED. PROTECT ALL OPEN STORM DRAIN LINES UNDER CONSTRUCTION WITH STONE FILTER AFTER STOPPAGE OF WORK EACH DAY.
    21.1. INSTALL TEMPORARY EXCAVATED INLET PROTECTION TEP-A1, TEP-A2, TEP-A3, TEP-A4A5, TEP-A7, TEP-A40, TEP-A41 & TEP-A42 AS CONSTRUCTION PROGRESSES.
    21.2. TSSB-1 MAY BE CONVERTED INTO TEP-A80A81 ONCE TEP-A1, TEP-A2 & TEP-A3 ARE INSTALLED. CLOSE DRAIN VALVE, REMOVE TEMPORARY SKIMMER, BAFFLES AND OTHER TEMPORARY COMPONENTS, GRADE AREA TO EXCAVATED INLET DIMENSIONS. USE DEWATERING SEDIMENT SILT BAGS AS NECESSARY. SEED AND MULCH ALL DISTURBED AREAS AS DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
    21.3. TEMPORARY COVER STRUCTURE AS DURING CONSTRUCTION TO DIVERT STORMWATER TOWARDS TEMPORARY CURB OPENING & TEMP-A7.
22. INSTALL PERMANENT CHANNELS & SWALES. PLACE SLOPE PROTECTION BLANKETS AND TEMPORARILY SEED STEEP SLOPES AS THEY ARE ESTABLISHED AT FINISH GRADE. PERMANENT CHANNEL SHALL BE INSTALLED WITH TEMPORARY COMPOST SOCK CHECK DAMS EVERY 12-IN ELEVATION CHANGE. ALL CHANNELS SHALL BE SEEDED AND MATTED UPON INSTALLATION. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
23. RESPREAD TOPSOIL, INSTALL SLOPE PROTECTION BLANKETS AND VEGETATE STEEP SLOPES AS THE ARE ESTABLISHED. STABILIZE CHANNELS DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
24. VEGETATE (OR OTHERWISE STABILIZE WITH PAVEMENT, BUILDING PAD ETC.) IMMEDIATELY TO ALL DISTURBED AREAS AS SHOWN IN SLOPE AND STABILIZATION NOTES. MAINTAIN THROUGHOUT THE DURATION OF THE PROJECT.
25. INSTALL TEMPORARY SILT FENCE AT TOP OF SHOULDER/BERM OF PAVEMENT SAG LOCATIONS.
26. INSTALL SILT BAG INLET PROTECTION ONCE CURB & GUTTER IS INSTALLED. PROVIDE TEMPORARY SAND BAGS TO DIRECT RUN-OFF INTO INLETS.
27. MAINTAIN ALL EROSION & SEDIMENT CONTROL MEASURES THROUGHOUT CONSTRUCTION UNTIL ALL UPGRADED DRAINAGE AREAS HAVE BEEN STABILIZED WITH THE ESTABLISHMENT OF PERMANENT GROUND COVER.
28. CALL FOR INSPECTION OF STABILIZED SITE.
29. REMOVE TEMPORARY CONSTRUCTION ENTRANCES, TEMPORARY EXCAVATED INLETS, CONTRACTOR STAGING AREA, AND ANY REMAINING TEMPORARY MATERIAL STOCKPILES. USE DEWATERING SILT BAG AS NECESSARY. SEED AND MULCH ALL DISTURBED AREAS. ALL DISTURBED AREAS ARE TO BE STABILIZED UNDER CONDITIONS OUTLINED IN THE CURRENT NPDES PERMIT.
30. CALL FOR INSPECTION OF STABILIZED SITE. IF APPROVED, REMOVE REMAINING TEMPORARY EROSION CONTROL MEASURES. SEED AND MULCH ANY REMAINING DISTURBED AREAS.
31. WHEN THE PROJECT IS COMPLETE, THE PERMITTEE SHALL CONTACT DEMLR TO CLOSE OUT THE E&SC PLAN. AFTER DEMLR INFORMS THE PERMITTEE OF THE PROJECT CLOSE OUT, WA INSPECTION REPORT, THE PERMITTEE SHALL VISIT DEQ.NC.GOV/NCSOI TO SUBMIT AN ELECTRONIC NOTICE OF TERMINATION (E-NOT). A $100 ANNUAL GENERAL PERMIT FEE WILL BE CHARGED UNTIL THE E-NOT HAS BEEN FILLED OUT.

adwarchitects
environments for life
architecture planning interiors
2815 COLISEUM CENTRE DRIVE
SUITE 500
CHARLOTTE, NORTH CAROLINA 28217
P704.379.1919
F704.379.1920
www.adwarchitects.com

RENOVATION AND ADDITION

ABERDEEN POLICE DEPARTMENT

ABERDEEN, NORTH CAROLINA

EROSION CONTROL PLAN

DATE: 12.20.2019
PROJECT NO: 18062

REVISIONS

NO:	DATE:	DESCRIPTION:
1	12-20-2019	COORDINATION

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CLH DESIGN, P.A.
400 Regency Forest Drive
Suite 120
Cary, North Carolina 27518
Phone: (919)319-9716
Fax: (919)319-9719
LA: C-108, PE: C-1595

SHEET NUMBER
C401