

TEMPORARY SKIMMER SEDIMENT BASIN 1 (TSSB-1)
INITIAL DISTURBED AREA: 1.70 AC
FINAL DISTURBED AREA: 2.37 AC
VOLUME RED.: 4,286 CF
SURFACE AREA RED.: 3,537 SF
BOTTOM DIMENSIONS: SEE TEMPORARY CONTOURS PER PLAN
BOTTOM ELEV.: 298.00'
RISER ELEV.: 299.00' MIN.
EMER. SPILLWAY ELEV.: 299.20'
EMBANKMENT ELEV.: 300.00'
WEIR WIDTH: 30'
SKIMMER DIA.: 1.5'
CONCRETE DIA.: 1.5'
DRAINAGE TIME: 2.4 DAYS

**COOPER ACADEMY
A & R**

PROJECT TITLE
"CLIENT'S PROJECT" # - XXX

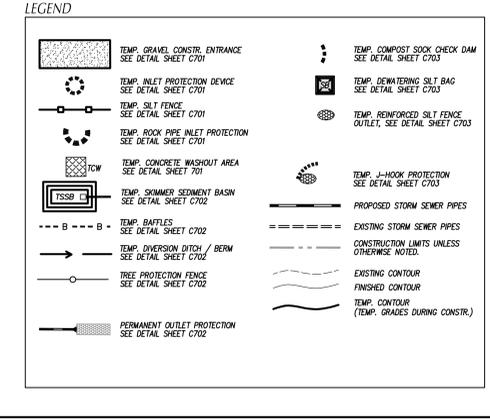


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3. DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
1	2/20/24	ADDENDUM #1

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL TOWN OF CLAYTON, NCDOT, AND NCDOT STANDARDS, SPECIFICATIONS AND DETAILS.
- 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.
- THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES AFTER EACH RAINFALL EVENT OR AS DIRECTED BY LOCAL AUTHORITIES OR ARCHITECT.
- TOTAL DISTURBED AREA: 5.5
- ALL OPEN STORM PIPES SHALL BE PROTECTED WITH STONE FILTER PROTECTION AFTER WORK STOPPAGE EACH DAY. SEE DETAIL SHEET C701. ALL STORM DRAINAGE PIPES SHALL BE THOROUGHLY FLOWED ON 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 FLOUSED THROUGH PIPES TO THE EXISTING DRAINAGE SYSTEM.
- 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 DISTURBANCE.
- SOIL AND OTHER MATERIALS SHALL ONLY BE TEMPORARILY STOCKPILED WITHIN THE CONSTRUCTION LIMITS AND PROTECTED BY SEDIMENT AND EROSION CONTROL DEVICES AND MEASURES AT ALL TIMES. STOCKPILES SHALL BE STABILIZED AS REQUIRED, AS INDICATED IN THE SLOPE & SURFACE STABILIZATION NOTES ON THIS PLAN.
- 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). ALL TREE PROTECTION FENCING SHALL BE REMOVED IMMEDIATELY PRIOR TO THE FINAL SITE INSPECTION.
- TREE PROTECTION FENCING SHALL NOT BE MOVED, AND THERE SHALL BE NO ENROACHMENT INTO SUCH PROTECTED AREAS) 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 ENROACHMENT 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.
- ROADSIDE DITCHES AND CHANNELS SHALL BE STABILIZED DAILY UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- INSTALL TEMPORARY MATTING TO TOP OF ALL SIDE SLOPES ON CHANNELS, DIVERSION DITCHES AND TEMPORARY SEDIMENT BASINS. SEE DETAILS ON SHEET C702 (PERMANENT CHANNEL, TEMPORARY DIVERSION DITCH) FOR TYPE OF MATTING TO USE.
- ANY DEMATERING OF SEDIMENT CONTAINMENT DEVICES FOR MAINTENANCE, REMOVAL OR CONVERSION PURPOSES IS TO BE DONE THROUGH A SILT BAG.
- ANY DEMATERING OF STORM/UTILITY TRUNKS IS TO BE DONE THROUGH A SILT BAG. SEE DETAIL ON SHEET C703.
- GROUND COVER IS TO BE APPLIED PER CONDITIONS OF THE PERMIT OR AT THE END OF THE DAY IN CRITICAL AREAS.
- 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 OWNER. SEE DETAIL ON SHEET C701.



MAINTENANCE PLAN

- DURING ALL PHASES OF CONSTRUCTION, GROUND COVER ON EXPOSED SLOPES SHALL BE PROVIDED ACCORDING TO GROUND STABILIZATION TABLE (SHEET C701) FOLLOWING COMPLETION OF ANY PHASE OF GRADING.
- FINAL PERMANENT GROUND COVER FOR ALL DISTURBED AREAS SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION TABLE (SHEET C701) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
- 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.
- SLOPE EROSION CONTROL MATTING SHALL BE INSTALLED FOR TEMPORARY 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 32260 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.
- ALL OTHER SEEDER AREAS SHALL BE MULCHED WITH STRAW AND TACKED WITH ASPHALT.

SELF-INSPECTION RULES

SEE SHEET C701 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 NCDOT'S SELF-INSPECTOR REPORT (WORKSHEET) AND THIS WILL BE KEPT ON SITE.

SLOPE & SURFACE STABILIZATION

GROUND STABILIZATION SHALL BE PROVIDED ON ALL DISTURBED AREAS ACCORDING TO GROUND STABILIZATION NOTES. SEE SHEET C701.

EXTENSIONS OF TIME MAY BE APPROVED BY THE PERMITTING AUTHORITY BASED ON WEATHER OR OTHER SITE-SPECIFIC CONDITIONS THAT MAKE COMPLIANCE IMPRACTICABLE (SECTION 14B2) (b).

THE REQUIREMENTS ON SHEET C701 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 EXCELSDOR 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 32260 FOR MATERIAL SPECIFICATIONS. INSTALL MATTING PER MANUFACTURER'S INSTRUCTIONS.

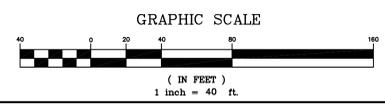
SEE SHEET C703 EROSION CONTROL CONSTRUCTION SEQUENCE.

Town of Clayton
Planning Department

Planning Director:

Official Document

This document has been reviewed by the Town of Clayton and to the best of our knowledge and belief, conforms to all laws, ordinances, policies and specifications that are applicable. Approval by the Town shall not release the Applicant and/or Design Professional from the responsibility for obtaining all permits or for errors or omissions in this plan or specifications and meeting all applicable standards and regulations.



BID DOCUMENTS

PROJECT PHASE
2307
BOOMERANG DESIGN PROJECT NUMBER
02.07.24
DRAWING RELEASE DATE

**EROSION & SEDIMENT
CONTROL INITIAL
INSTALLATION PLAN**

SHEET TITLE

C401

SHEET