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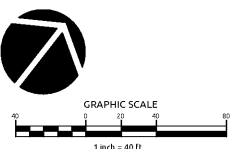
**EROSION CONTROL LEGEND**

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-STP-	-STP-	SILT FENCE/TREE PROTECTION
---	---	SILT FENCE
---	---	TREE PROTECTION FENCE
⌚		HORSESHOE INLET PROTECTION
⊙		INLET PROTECTION
⌚		ROCK CHECK DAM
▨		TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

- EROSION CONTROL NOTES:**
- PROPERTY BOUNDARY AS SHOWN PER WITHERSRAVENEL SURVEY, MARCH 2020.
  - ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH EROSION AND SEDIMENT CONTROL STANDARDS AND PRACTICES PRESCRIBED BY THE LAND QUALITY SECTION OF NCDOT. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO GRADING.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL TEMPORARY SEDIMENTATION AND EROSION CONTROL DEVICES SHOWN ON THE APPROVED PLAN.
  - SLOPES SHALL BE NO STEEPER THAN 2:1 (H:V), PREFERABLY FLATTER, FOR VEGETATION.
  - THE CONTRACTOR SHALL FAITHFULLY MAINTAIN ALL SEDIMENTATION CONTROL DEVICES AND TAKE ANY PRECAUTIONARY MEASURES TO ENSURE THAT SILT DOES NOT ENTER ANY NATURAL STREAM CHANNEL LOCATED WITHIN THE SITE. DRAINAGE CHANNELS MUST BE CLEAN OF SEDIMENT AND STABILIZED BEFORE THE PROJECT IS RELEASED.
  - ALL STORM DRAINAGE PIPE SHALL BE CLASS II ROP UNLESS OTHERWISE NOTED.
  - RECEIVING WATERCOURSES: TUCKAHOE RIVER
  - RIVER BASIN: LITTLE TENNESSEE RIVER BASIN
  - ALL EXISTING VEGETATION THAT IS TO BE PRESERVED SHALL BE FENCED WITH A STURDY AND VISIBLE FENCE BEFORE EXCAVATION BEGINS. THE TREE PROTECTION FENCE SHOULD BE LOCATED AS FAR AS PRACTICABLE FROM THE TREES AND VEGETATION.
  - ALL ENVIRONMENTAL PERMITS APPLICABLE TO THE PROJECT MUST BE OBTAINED FROM NCDWR, USEDA AND/OR FEMA FOR ANY STREAMS, WETLANDS AND/OR FLOODPLAIN IMPACTS (RESPECTIVELY) PRIOR TO CONSTRUCTION.
  - VELOCITY DISSIPATORS SHALL BE INSTALLED AT THE END OF EACH FLARED END SECTION AND SHALL HAVE A FILTER FABRIC UNDERLAYER.
  - WORKER GROUND COVER REQUIREMENTS SHALL BE FOLLOWED IN ADDITION TO STANDARD NCDOT EROSION CONTROL REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING A PERMANENT STAND OF VEGETATION ON ALL DISTURBED AREAS AND MEETING ALL APPLICABLE STABILIZATION REQUIREMENTS.
  - THIS PROJECT SHALL BE SUBJECT TO MONITORING REQUIREMENTS IN ACCORDANCE WITH SECTION 8(B)(7) OF THE MOST RECENT NCDOT GENERAL PERMIT (2016).
  - NCDOT ENCROACHMENT AGREEMENTS ARE REQUIRED FOR ANY UTILITY WORK OR GRADING (INCLUDING EXTENSIONS) WITHIN STATE RIGHT-OF-WAY PRIOR TO CONSTRUCTION.

- MAINTENANCE PLAN:**
- ALL EROSION AND SEDIMENTATION CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RAINFALL PROCEEDING RAINFALL BUT NO MORE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
  - SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 6 INCHES DEEP AT THE FENCE. THE SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
  - INLET PROTECTION DEVICES SHALL BE INSPECTED AFTER EVERY RAINFALL EVENT. DAMAGED SILT FENCE SHALL BE REPAIRED AND GRAVEL SHALL BE CLEANED OR REPLACED WHEN INLET NO LONGER DRAINS PROPERLY.
  - ALL NEEDED AREAS WILL BE FERTILIZED, RE SEED AS NECESSARY, AND MULCHED ACCORDING TO THE SPECIFICATIONS IN THE VEGETATIVE PLAN TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.

**EROSION CONTROL NARRATIVE:**  
THE PROPOSED PROJECT IS THE REDEVELOPMENT OF THE EXISTING JACKSON COUNTY GREEN ENERGY PARK, LOCATED OFF OF HAYWOOD ROAD IN JACKSON COUNTY. A NEW ANIMAL RESCUE BUILDING IS PROPOSED ALONG WITH SITE DEMOLITION AND IMPROVEMENTS AS SHOWN ON THESE PLANS. EROSION CONTROL IS PROPOSED BY THE USE OF SILT FENCING AT THE TOP OF SLOPES ADJACENT TO DISTURBANCE. INLET PROTECTION AT NEW AND EXISTING STORM STRUCTURES THAT COULD RECEIVE SEDIMENT AND SLOPE PROTECT CHECK DAMS ALONG WITH CHECK DAMS AND PIPE OUTLET PROTECTION. THE PROJECT IS PROPOSED TO BE CONSTRUCTED IN ONE PHASE. PERIMETER EROSION CONTROL MEASURES ARE TO BE INSTALLED FIRST PRIOR TO DEMOLITION OF THE IDENTIFIED STRUCTURES.



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JACKSON COUNTY  
**ANIMAL RESCUE CENTER AND GREEN ENERGY PARK**  
 DILLSBORO, NORTH CAROLINA

SHEET ISSUE NO.	DATE	DESCRIPTION	BY
1	9/2/2020	ISSUE FOR BID + PERMIT	WR



PRINCIPAL IN CHARGE: GARY WARNER (WR)  
 PROJECT ARCHITECT: WR  
 DRAWN BY: WR

**EROSION CONTROL PLAN**

SHEET NO. PROJ. NO. 02-191340

**C5.0**