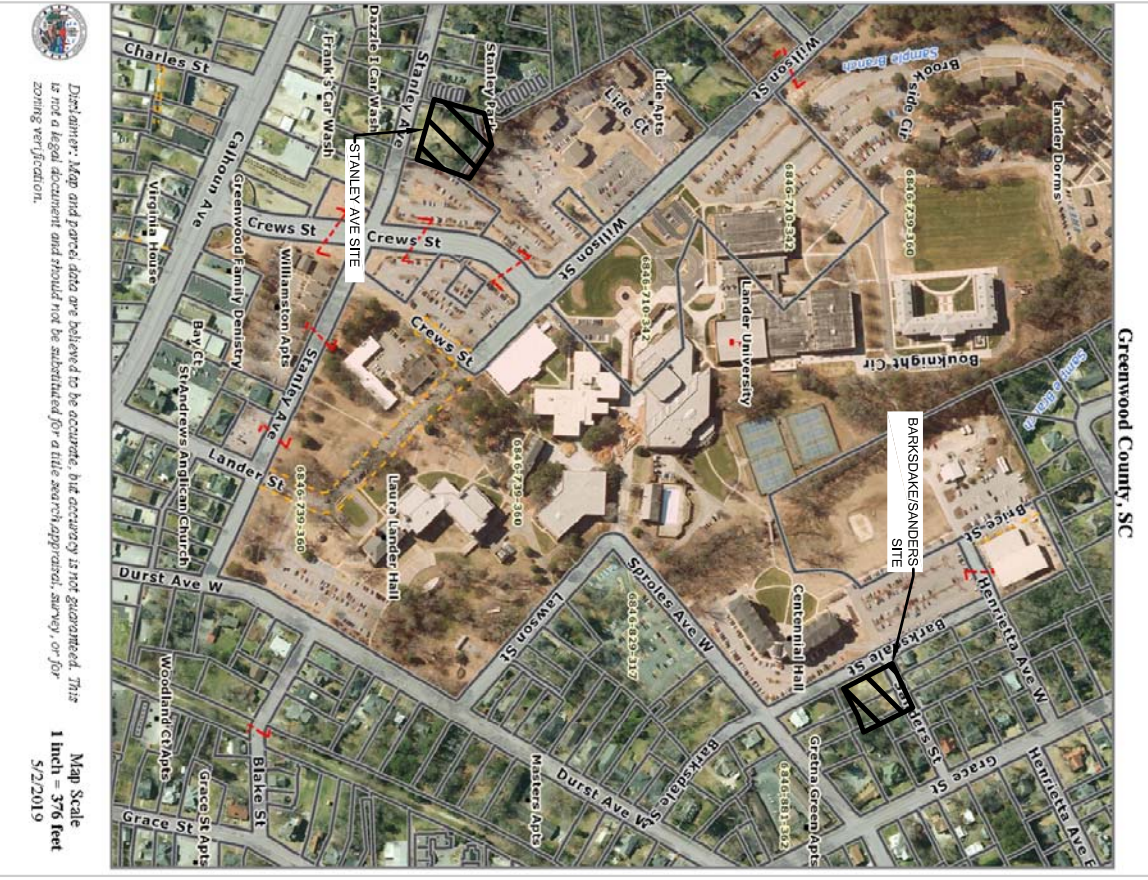
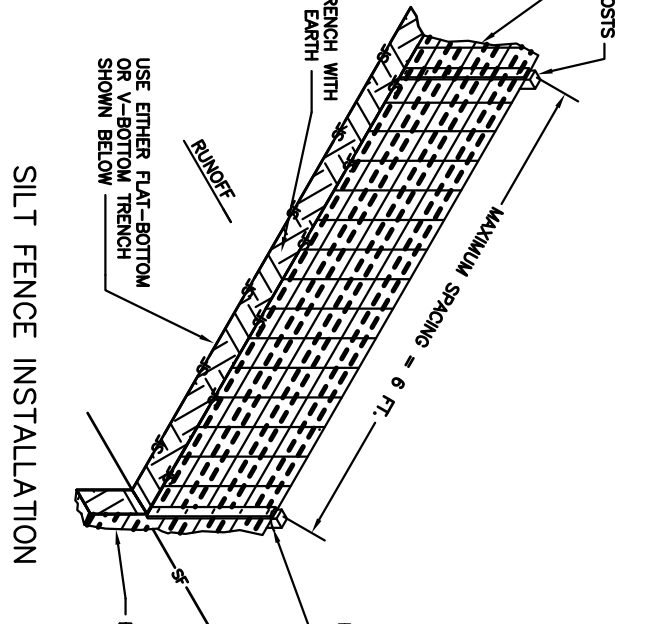
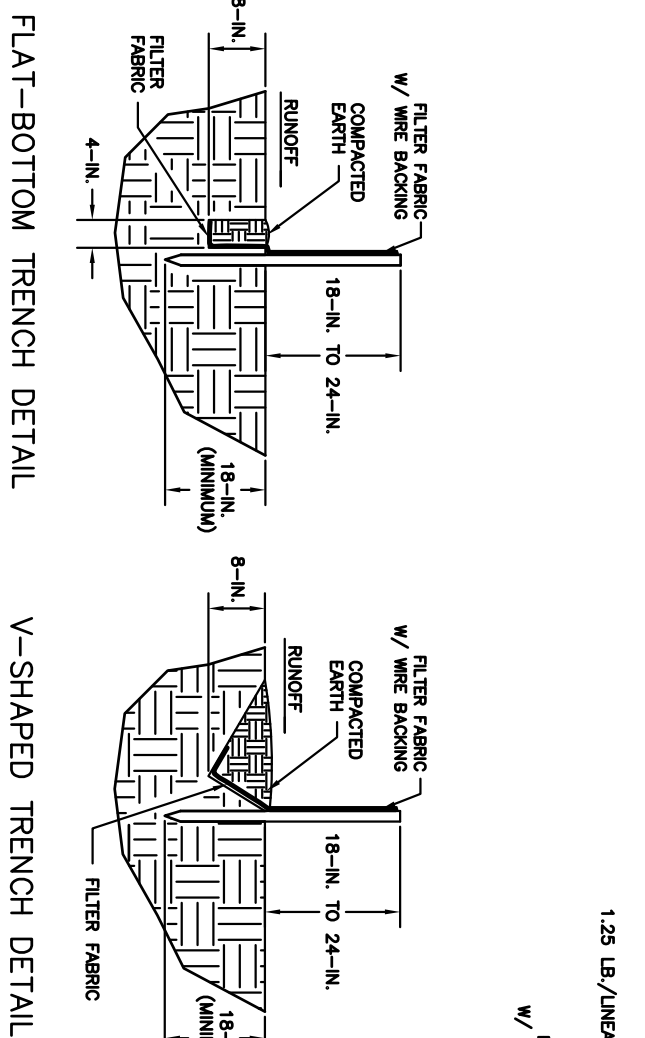
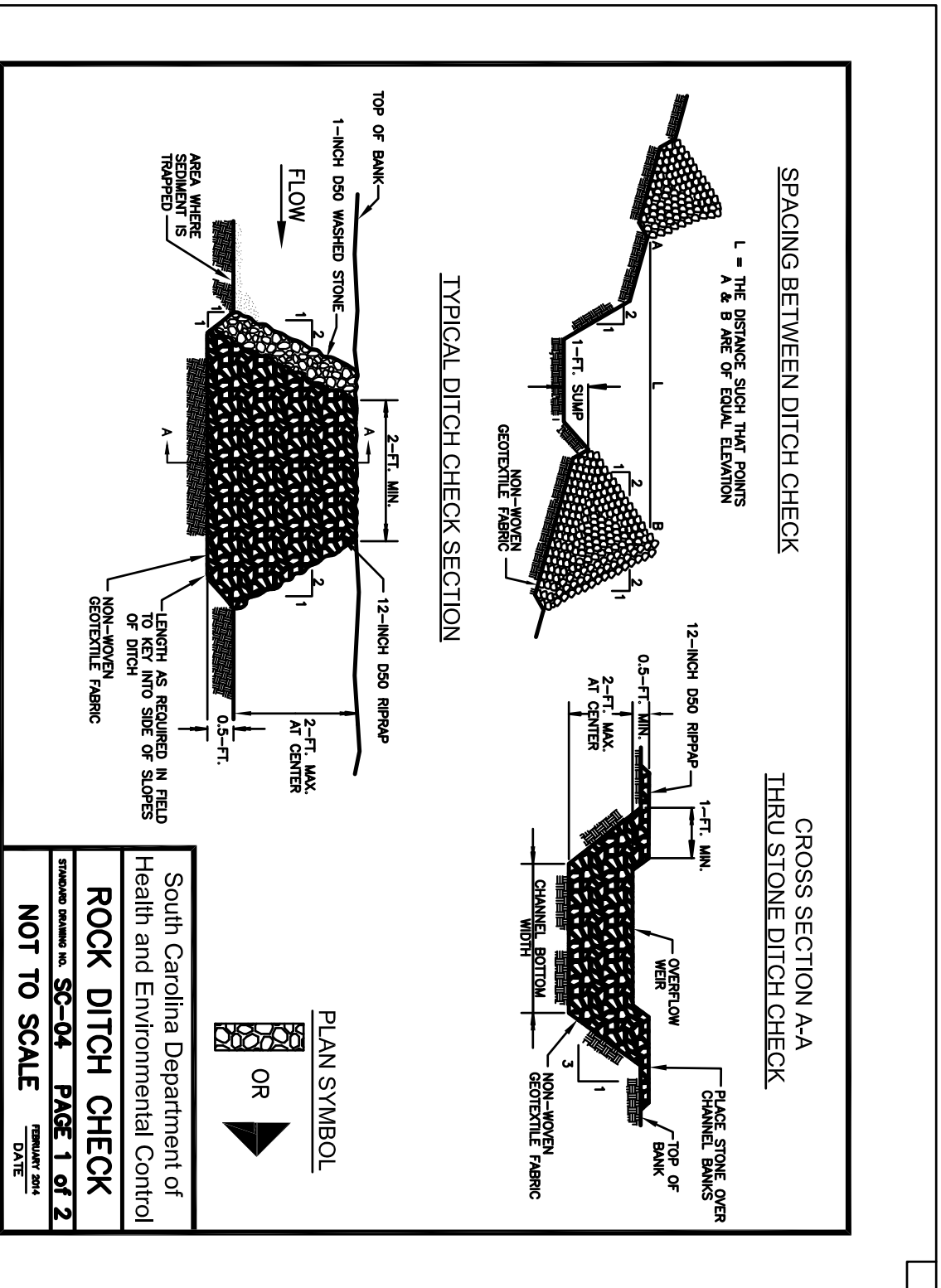


- NOTE:
1. CONTRACTOR IS RESPONSIBLE FOR FAMILIARIZING THEMSELVES WITH THE SITE CONDITIONS PRIOR TO SUBMITTING BID.
 2. CONTRACTOR SHALL COORDINATE ALL WORK ASSOCIATED WITH THIS PROJECT WITH LANDER UNIVERSITY. JEFF BEAVER, DIRECTOR OF ENGINEERING SERVICES AT (864) 388-8208 PRIOR TO BEGINNING WORK.
 3. CONTRACTOR SHALL CALL SC811 FOR UTILITY LOCATION PRIOR TO BEGINNING WORK.
 4. CONTRACTOR SHALL MEET WITH THE OWNER AND ENGINEER ON-SITE PRIOR TO BEGINNING WORK.
 5. CONTRACTOR SHALL SECURE THE PROJECT AREA FROM THE PUBLIC DURING CONSTRUCTION.
 6. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FEATURES OUTSIDE OF THE DISTURBED LIMITS FOR THIS PROJECT AT NO COST TO THE OWNER. THE DISTURBED LIMITS ARE SHOWN ON THE SITE PLAN.
 7. ALL TREES AND CLEARED DEBRIS ON THIS PROJECT SHALL BE PROPERLY REMOVED AND DISPOSED OF OFF-SITE.
 8. ANY AREAS DISTURBED OUTSIDE OF THE PROJECT AREA SHALL BE RETURNED TO EQUAL CONDITION PRIOR TO THE PROJECT BEGINNING.
 9. STRIP TOPSOIL WITHIN THE PARKING LOT ENVELOPE, AND GRADE PARKING LOT SUCH THAT THE SUBGRADE IS ON A CONSISTENT AND SMOOTH GRADE.
 10. CONTRACTOR SHALL PROOF ROLL THE SUBGRADE IN THE PRESENCE OF THE ENGINEER BEFORE PLACING THE RECYCLED CRUSHED STONE BASE.
 11. CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE DRAINAGE ON THE PARKING LOT SURFACE.
 12. PARKING SURFACE SHALL BE COMPACTED USING A SMOOTH DRUM VIBRATORY ROLLER.
 13. RECYCLED CRUSHED STONE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF THE SCOOT'S STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.
 14. ALL DISTURBED AREAS OUTSIDE OF THE PARKING LOT ENVELOPE SHALL BE SEEDED AT THE END OF CONSTRUCTION.
 15. THE ENTIRE SITE SHALL BE CLEARED AND GROUBED INSIDE OF THE DISTURBED LIMITS.
 16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS AND/OR LICENSES.
 17. ANY EXCESS MATERIAL GENERATED FROM GRADING ACTIVITIES THAT IS NOT GOING TO BE USED ON THIS PROJECT SHALL BE PROPERLY REMOVED FROM THIS SITE. THE OWNER RESERVES THE RIGHT TO KEEP THE MATERIAL, IF NEEDED.
 18. ALL VOIDS CREATED AS A RESULT OF FOOTBALL EXCAVATION SHALL BE PROPERLY FILLED AND COMPACTED, AND SHALL MATCH ADJACENT EXISTING GROUND ELEVATIONS.
 19. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL TRASH DAILY TO KEEP THE PROJECT AREA CLEAN DURING CONSTRUCTION.
 20. THE OWNER WILL HAVE THE LARGE TREES REMOVED FROM EACH SITE PRIOR TO WORK FOR THIS PROJECT BEGINNING. THE CONTRACTOR REMAINS RESPONSIBLE FOR ALL OTHER CLEARING AND DEBRIS REMOVAL.



LOCATION MAP



NOTES:

1. WIRE AND WEDGE TO USE IT.

2. SILT FENCE IS PARTICULARLY IN AREAS WHERE THE MAXIMUM SLOPE STEEPNESS (NORMAL PERPENDICULAR) TO THE FENCE IS 100:1. WHERE THE MAXIMUM SLOPE STEEPNESS (NORMAL PERPENDICULAR) TO THE FENCE IS 20:1, THAT DO NOT RECEIVE CONCENTRATED FLOWS GREATER THAN 0.25 CFS.

3. THE FENCE SHALL BE CONSTRUCTED USING 1/2" DIA. GALV. STEEL POSTS PLACED TOGETHER AT A SPACING OF 8 FT. WITH BOTH ENDS FASTENED TO THE POST WITH A 6-INCH MINIMUM OVERLAP. INSTALL POSTS TO A MINIMUM DEPTH OF 24-INCHES. INSTALL POSTS AT MINIMUM OF 1-TO 1 SPACING POSTS TO MINIMUM 6-FOOT CENTERS. ATTACH FABRIC TO WOOD POSTS USING STRAPES MORE OR HEAVY-DUTY WIRE AT LEAST 1/2-INCH LONG SPACED AT A MAXIMUM OF 6-INCHES APART. STRAPES A MINIMUM OF 1/2-INCH THICK AND 1/2-INCH WIDE. STRAPES SHALL BE FASTENED TO THE POSTS WITH 2-1/2" DIA. GALV. NAILS.

4. THE FENCE SHALL BE INSTALLED IN A MANNER THAT IT PROVIDES POSITIVE DRAINAGE OF ALL CATCHES. TIES SHOULD BE APPLIED IN NO LESS THAN 4 PLACES. INSTALL THE FABRIC A MINIMUM OF 24-INCHES FROM THE TOP OF THE POSTS. THE FABRIC SHALL BE INSTALLED IN A MANNER THAT THE POST HEIGHT WILL BE TWICE THE EXPOSED POST HEIGHT. POST SPACING WILL REMAIN THE SAME THROUGHOUT THE LENGTH OF THE FENCE. THE FABRIC SHALL BE INSTALLED TO THE DIRECTION OF FLOW AND PLACE THE FENCE THE PROPER DISTANCE FROM THE TOP OF STEEP SLOPES TO PROVIDE SEDIMENT TRAPPING AND ACCESS FOR MAINTENANCE AND CLEANOUT.

5. INSPECT EVERY SEVEN CALENDAR DAYS. CHECK FOR SEDIMENT BUILDUP AND FENCE INTEGRITY. CHECK COLLAPSED BY FENCE OVERTOPPING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY. REMOVE SEDIMENT ACCUMULATED BEHIND THE FENCE WHICH MAY BE NEARLY 1/2 THE ROCK DEPTH. THE FENCE SHALL BE REPAIRED AND MAINTAINED TO PREVENT FLOODING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY. REMOVE SEDIMENT ACCUMULATED BEHIND THE FENCE WHICH MAY BE NEARLY 1/2 THE ROCK DEPTH. THE FENCE SHALL BE REPAIRED AND MAINTAINED TO PREVENT FLOODING. IF THE FENCE FABRIC TEARS, BEGINS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE SECTION OF FENCE IMMEDIATELY. REMOVE SEDIMENT ACCUMULATED BEHIND THE FENCE WHICH MAY BE NEARLY 1/2 THE ROCK DEPTH. THE FENCE SHALL BE REPAIRED AND MAINTAINED TO PREVENT FLOODING.

SILT FENCE DETAIL

NOT TO SCALE

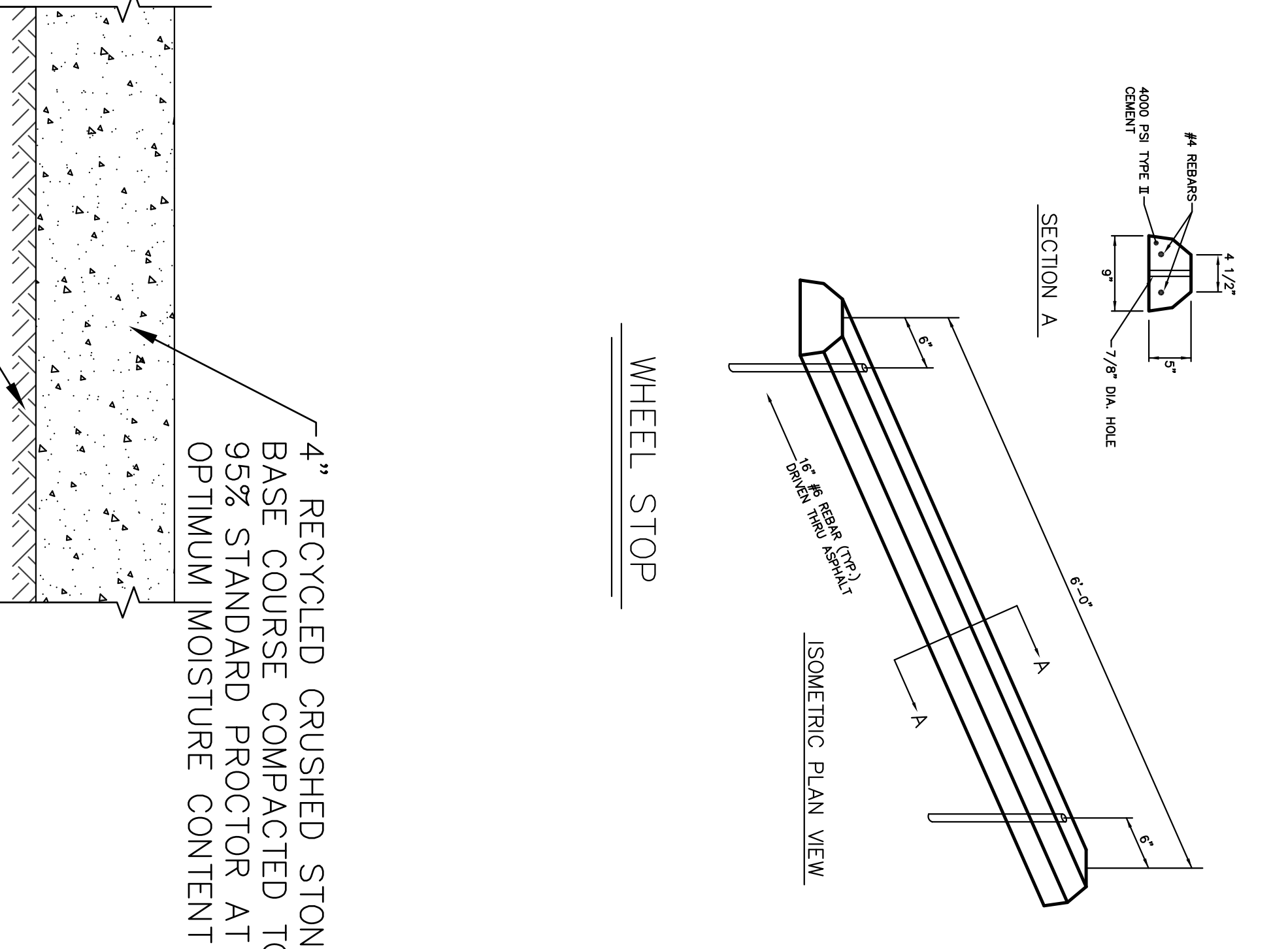
ROCK DITCH CHECK – GENERAL NOTES

1. Rock Ditch Checks should not be placed in, where the slope is steep or where the stream (unless approved by Federal Authority).
2. Rock Ditch Checks should be installed in steeply sloped areas where the stream is not subject to high flows. The BMP measure should only be used in small open channels.
3. A non-woven geotextile fabric shall be installed over the soil surface where the rock ditch checks are to be placed.
4. The body of the rock ditch check shall be composed of 1-1/2 inch 100 washed stone. The stone shall be placed in a 1-1/2 inch 100 washed stone.
5. Rock Ditch Checks should not exceed a height of 2'-feet at the entrance of the channel.
6. Sediment should be placed in erodible storage areas immediately downstream of the ditch check.
7. Riprap should be placed over channel banks to prevent water from cutting around the ditch check.
8. The riprap should be placed by hand or mechanical placement on a minimum of 6 inches of sand or fine gravel. The riprap should be placed in a manner that the center of the ditch is lower than the edges.
9. The maximum spacing between the dams should be such that the top of the downstream check at the same elevation as the top of the upstream check.

ROCK DITCH CHECK – INSPECTION & MAINTENANCE

1. The key to functional rock ditch check is weekly inspections, routine maintenance, and regular sediment removal.
2. Regular inspections of rock ditch checks shall be conducted at least once every 7-10 days. Inspections shall be conducted 24-hours after each rainfall event that produces 1/2-inch or more of precipitation.
3. Attention to sediment accumulations in front of the rock ditch checks should be given. Sediment should be removed continually monitored and removed when necessary. Sediment should be removed when it reaches 1/3 the height of the rock ditch check.
4. Removed sediment shall be placed in erodible storage areas immediately downstream of the ditch check.
5. Inspect Rock Ditch Checks for erosion and evidence of sediment accumulation. If erosion is observed, the ditch check should be replaced. If sediment accumulation is observed, the ditch check should be replaced.
6. After construction is completed and final stabilization is achieved, the riprap should be removed. The riprap should be removed when the grass has reached a height of 4 inches. The riprap should be removed when the grass has reached a height of 4 inches. The riprap should be removed when the grass has reached a height of 4 inches.

South Carolina Department of Health and Environmental Control
ROCK DITCH CHECK
 SECTION SC-24 PAGE 2 OF 2
 GENERAL NOTES DATE



SUBGRADE COMPACTED TO 95% STANDARD PROCTOR AT OPTIMUM MOISTURE CONTENT

PARKING LOT AGGREGATE BASE DETAIL

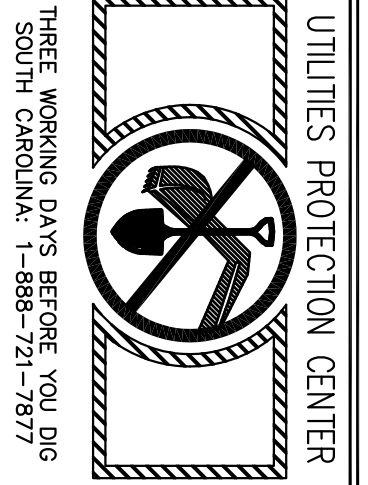
NOT TO SCALE

Permanent Seeding - Update

Species	Date of Installation											
	1/23	2/23	3/23	4/23	5/23	6/23	7/23	8/23	9/23	10/23	11/23	12/23
Grass Seed												
Legume Seed												
Wildflower Seed												

Temporary Seeding - Update

Species	Date of Installation											
	1/23	2/23	3/23	4/23	5/23	6/23	7/23	8/23	9/23	10/23	11/23	12/23
Grass Seed												
Legume Seed												
Wildflower Seed												



UTILITY WARNING:
 The underground utilities shown have been located from field survey. It is the responsibility of the contractor to verify the location of all underground utilities shown on this drawing. The contractor shall be responsible for any damage to underground utilities. The contractor shall be responsible for any damage to underground utilities.

TEMPORARY PARKING LOT
BARKSDALE STREET AND SANDERS AVENUE
 FOR
LANDER UNIVERSITY
 GREENWOOD, SOUTH CAROLINA

Heaner Design Group
 ENGINEERS
 SURVEYORS
 CONSULTANTS
 110 BEATHE DRIVE • P.O. BOX 50627 • GREENWOOD, SC 29649
 PHONE: (864)223-1553 • FAX: (864)223-6000
 WWW.HEANERDESIGN.COM

CIVIL

NOTES

NO.	REVISED	CHKD.	DATE

DESIGNED BY: DEFIJ
 CHECKED: DEFIJ
 APPROVED: DEFIJ
 DATE: 5/3/19
 JOB NUMBER: 2019-011
 SHEET: **C1.0**