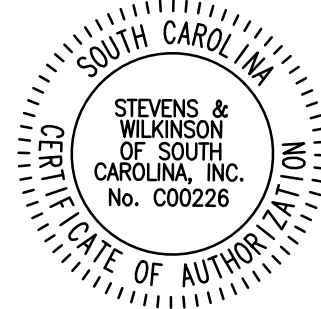


SITE PERMIT DRAWINGS FOR:

**COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO**

LEXINGTON COUNTY, SOUTH CAROLINA



Jumper

Carter

Sease

ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



1501 MAIN STREET, SUITE 730
COLUMBIA, SC 29201
P 803.765.0320 F 803.254.6209

COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

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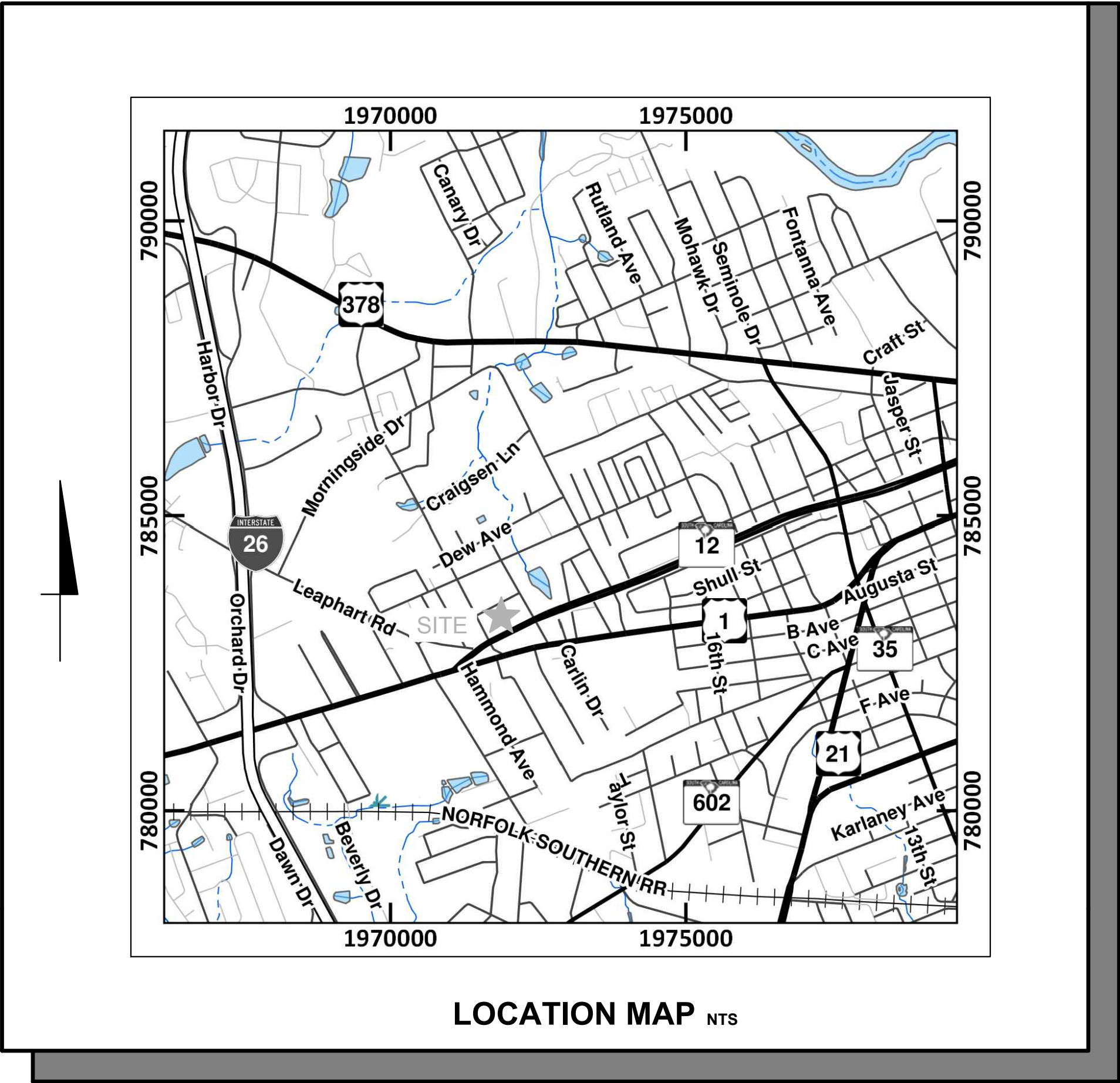
DATE: APR 29, 2019

SHEET TITLE:

COVER
AND INDEX
SHEET

SHEET NO:

C000



SHEET INDEX:

- C000 - COVER AND INDEX SHEET
- C100 - EXISTING CONDITIONS PLAN
- C101 - DEMOLITION PLAN
- C102 - SITE PLAN
- C103 - GRADING PLAN
- C104 - SEDIMENT & EROSION CONTROL PLAN
- C501 - DETAIL SHEET

OWNER'S INFORMATION

OWNER: LEXINGTON SCHOOL DISTRICT TWO
CONTACT: DON ICENHOWER
715 NINTH STREET
WEST COLUMBIA, SC 29169
P: 803-755-7453
E: DICENHOWER@LEX2.ORG

ENGINEER'S INFORMATION

STEVENS & WILKINSON
1501 MAIN STREET
COLUMBIA, SC 29201
CONTACT: KEVIN EUBANKS, P.E.
P: 803-765-0320
F: 803-254-6209
E: KEUBANKS@STEVENS-WILKINSON.COM

CONTRACTOR'S INFORMATION

TO BE DETERMINED



Applicant's Certification
I (We) hereby certify that all clearing, grading, construction, and/or development will be done pursuant to this plan and I (we) are responsible for the land disturbance and related maintenance thereof. Lexington County authorities will be allowed to enter the project site for the purposed of on-site inspections.

Date: 5-21-19 Owner/Person Financially Responsible: [Signature]

Designer's Certification
"I hereby certify that this plan is designed to contain soil on the property concerned to the maximum extent, to provide for the protection of the property and the proposed improvements thereon from the effects of flooding, to provide for the control of the runoff from the property, and that all the provisions for sediment control and storm drainage are in accordance with the Stormwater Management and Sediment Control Ordinance for Lexington County, South Carolina."

Date: 5/2/19 Designer's Signature and Certification: [Signature]

GENERAL NOTES

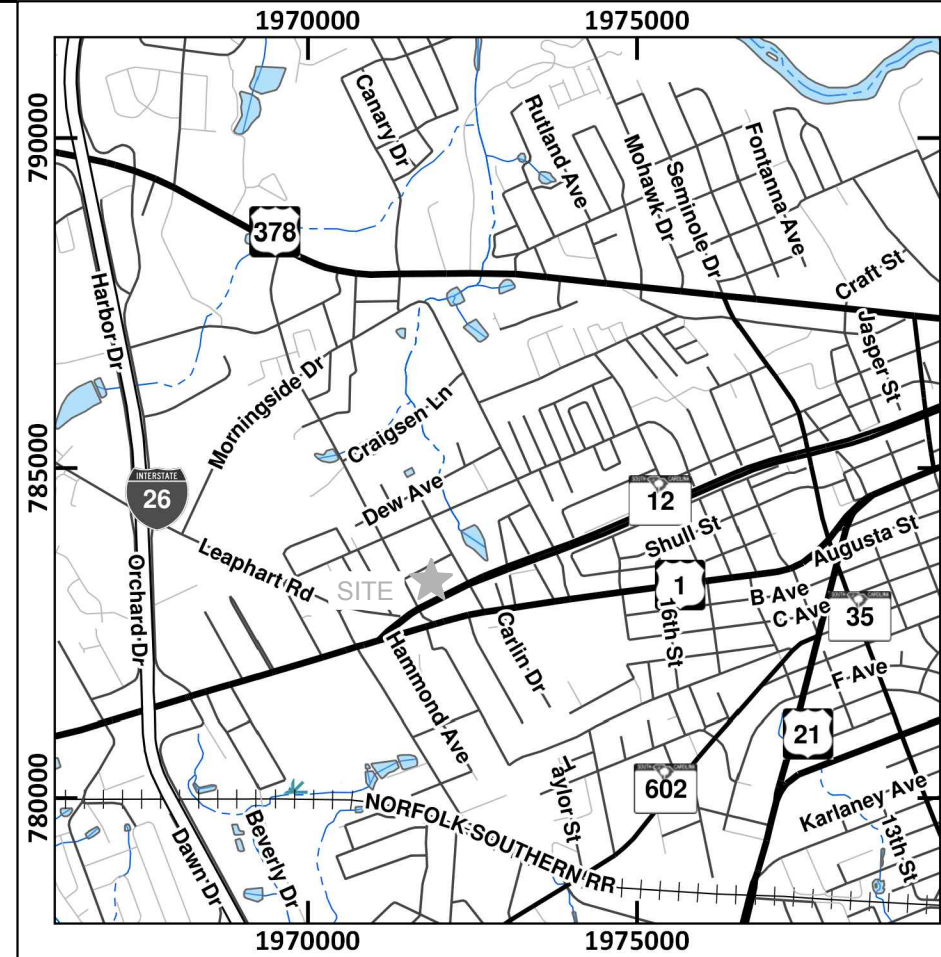
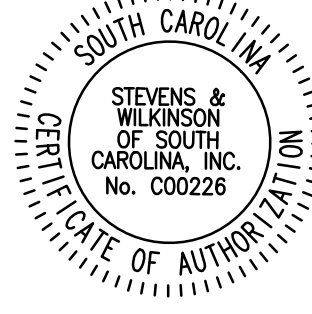
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5) ALL DIMENSIONS REFERENCED TO THE CURB INCLUDING RADII ARE TO THE FACE OF CURB (PARKING LOT SIDE).

REFERENCES

- 1) TOPOGRAPHIC SURVEY OF A PORTION OF THE BC GRAMMAR SCHOOL NO. 1 CAMPUS, PREPARED FOR JUMPER CARTER SEASE ARCHITECTS, DATED 4/24/19, WAS PROVIDED BY BOYCE H. CROW, PLS.

OWNER'S INFORMATION

LEXINGTON SCHOOL DISTRICT 2
CONTACT: DON ICENHOWER
715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708



VICINITY MAP
NOT TO SCALE

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South Carolina



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COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

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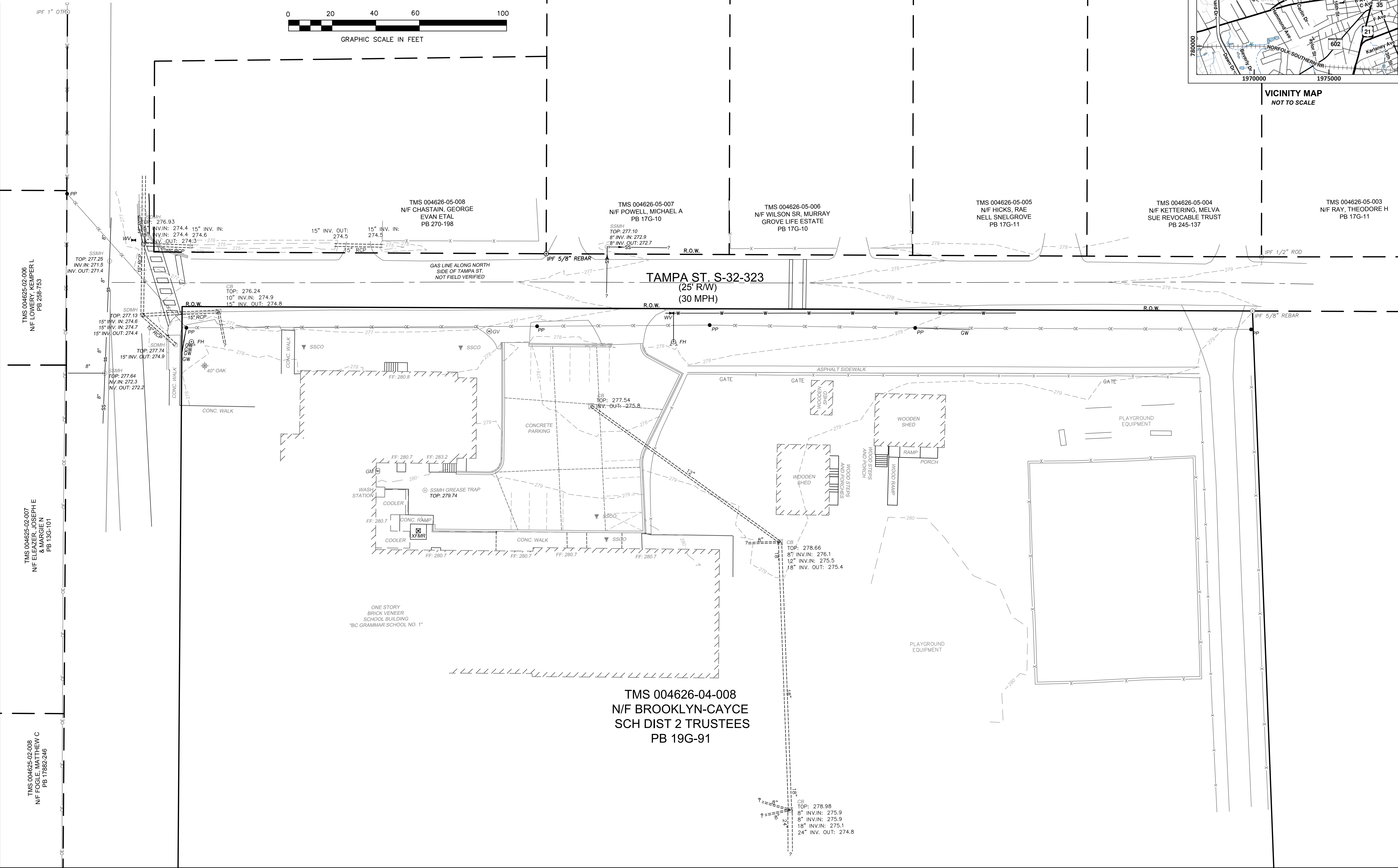
DATE: APR 29, 2019

SHEET TITLE:

EXISTING
CONDITIONS
PLAN

SHEET NO:

C100



GENERAL NOTES

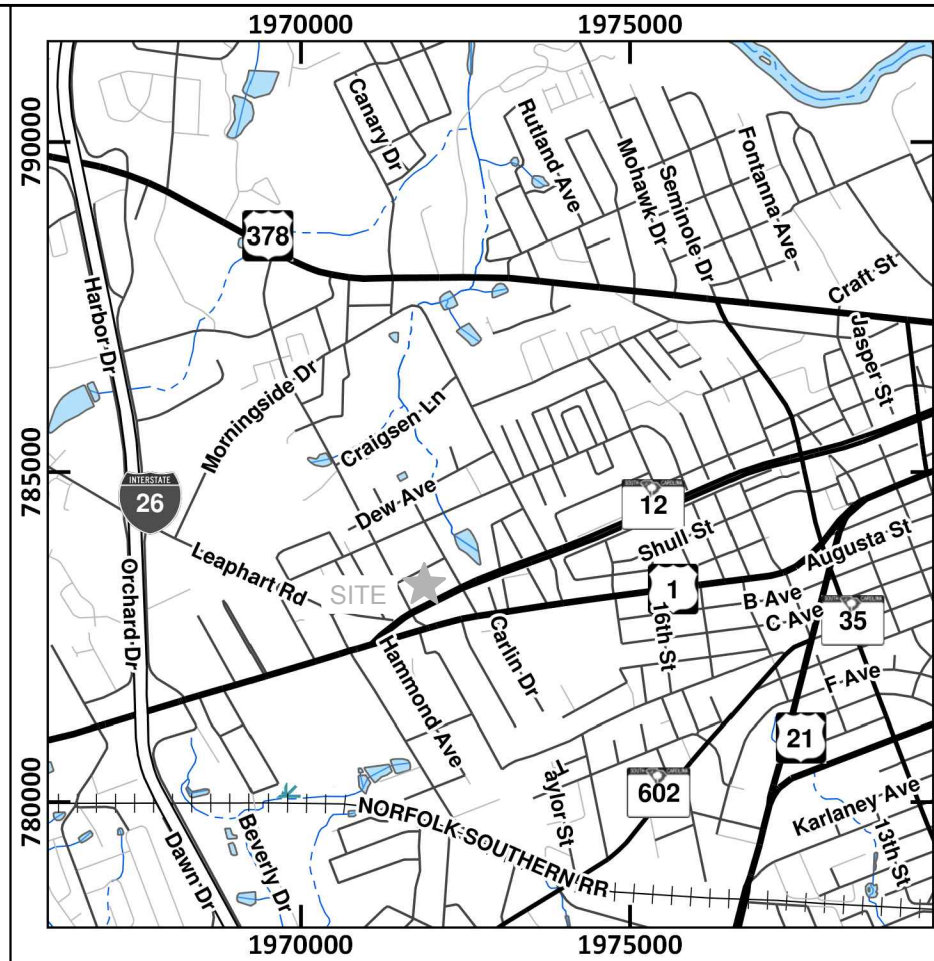
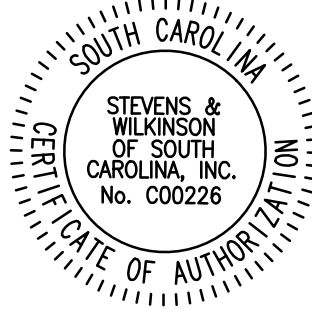
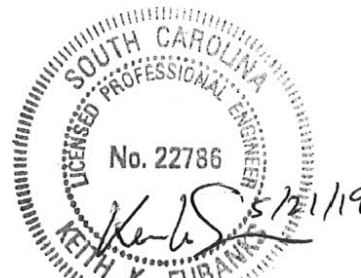
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OWNER'S INFORMATION

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715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708



VICINITY MAP
NOT TO SCALE

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ARCHITECTS

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West Columbia
South Carolina



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COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

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COMM NO:

DATE: APR 29, 2019

SHEET TITLE:

DEMOLITION
PLAN

SHEET NO:

C101

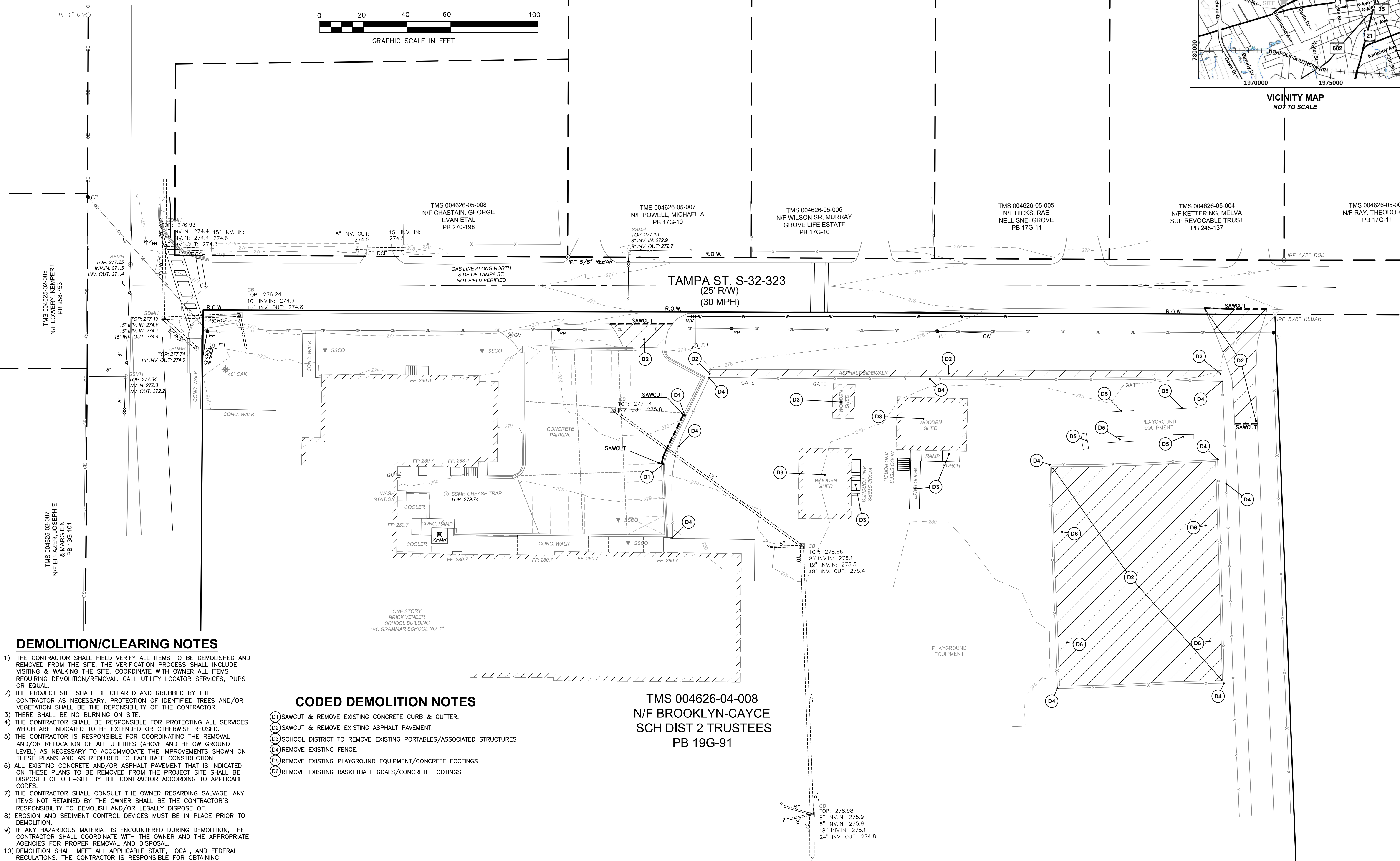
DEMOLITION/CLEARING NOTES

- 1) THE CONTRACTOR SHALL FIELD VERIFY ALL ITEMS TO BE DEMOLISHED AND REMOVED FROM THE SITE. THE VERIFICATION PROCESS SHALL INCLUDE VISITING & WALKING THE SITE. COORDINATE WITH OWNER ALL ITEMS REQUIRING DEMOLITION/REMOVAL. CALL UTILITY LOCATOR SERVICES, PUPS OR EQUAL.
2) THE PROJECT SITE SHALL BE CLEARED AND GRUBBED BY THE CONTRACTOR AS NECESSARY. PROTECTION OF IDENTIFIED TREES AND/OR VEGETATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
3) THERE SHALL BE NO BURNING ON SITE.
4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL SERVICES WHICH ARE INDICATED TO BE EXTENDED OR OTHERWISE REUSED.
5) THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE REMOVAL AND/OR RELOCATION OF ALL UTILITIES (ABOVE AND BELOW GROUND LEVEL) AS NECESSARY TO ACCOMMODATE THE IMPROVEMENTS SHOWN ON THESE PLANS AND AS REQUIRED TO FACILITATE CONSTRUCTION.
6) ALL EXISTING CONCRETE AND/OR ASPHALT PAVEMENT THAT IS INDICATED ON THESE PLANS TO BE REMOVED FROM THE PROJECT SITE SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR ACCORDING TO APPLICABLE CODES.
7) THE CONTRACTOR SHALL CONSULT THE OWNER REGARDING SALVAGE. ANY ITEMS NOT RETAINED BY THE OWNER SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DEMOLISH AND/OR LEGALLY DISPOSE OF.
8) EROSION AND SEDIMENT CONTROL DEVICES MUST BE IN PLACE PRIOR TO DEMOLITION.
9) IF ANY HAZARDOUS MATERIAL IS ENCOUNTERED DURING DEMOLITION, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER AND THE APPROPRIATE AGENCIES FOR PROPER REMOVAL AND DISPOSAL.
10) DEMOLITION SHALL MEET ALL APPLICABLE STATE, LOCAL, AND FEDERAL REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING APPLICABLE PERMITS.

CODED DEMOLITION NOTES

- (D1) SAWCUT & REMOVE EXISTING CONCRETE CURB & GUTTER.
(D2) SAWCUT & REMOVE EXISTING ASPHALT PAVEMENT.
(D3) SCHOOL DISTRICT TO REMOVE EXISTING PORTABLES/ASSOCIATED STRUCTURES
(D4) REMOVE EXISTING FENCE.
(D5) REMOVE EXISTING PLAYGROUND EQUIPMENT/CONCRETE FOOTINGS
(D6) REMOVE EXISTING BASKETBALL GOALS/CONCRETE FOOTINGS

TMS 004626-04-008
N/F BROOKLYN-CAYCE
SCH DIST 2 TRUSTEES
PB 19G-91



GENERAL NOTES

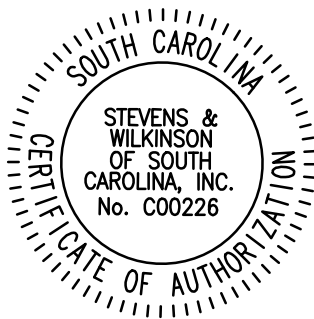
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REFERENCES

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OWNER'S INFORMATION

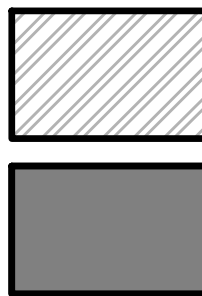
LEXINGTON SCHOOL DISTRICT 2
CONTACT: DON ICENHOWER
715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708



CODED SITE NOTES

- 1) NEW 18" WIDE CONCRETE FLUSH CURB
2) FEATHER CURB & GUTTER
3) TIE NEW CURB & GUTTER TO EXISTING
4) 4" WIDE PAINTED WHITE PARKING LOT STRIPING (TYPICAL).
5) PAINTED WHITE ISLAND, 4" WIDE STRIPING @ 45', 2' O.C.
6) 2' WIDE PAINTED WHITE STOP BAR
7) PAINTED WHITE TRAFFIC DIRECTIONAL FLOW ARROW (TYPICAL).
8) NEW LIGHT DUTY ASPHALT PAVEMENT (SEE DETAIL).
9) NEW SCDOT FULL DEPTH ASPHALT PAVEMENT (SEE DETAIL).
10) FREE STANDING 30" R1-1-30 SCDOT STANDARD STOP SIGN

PAVEMENT LEGEND

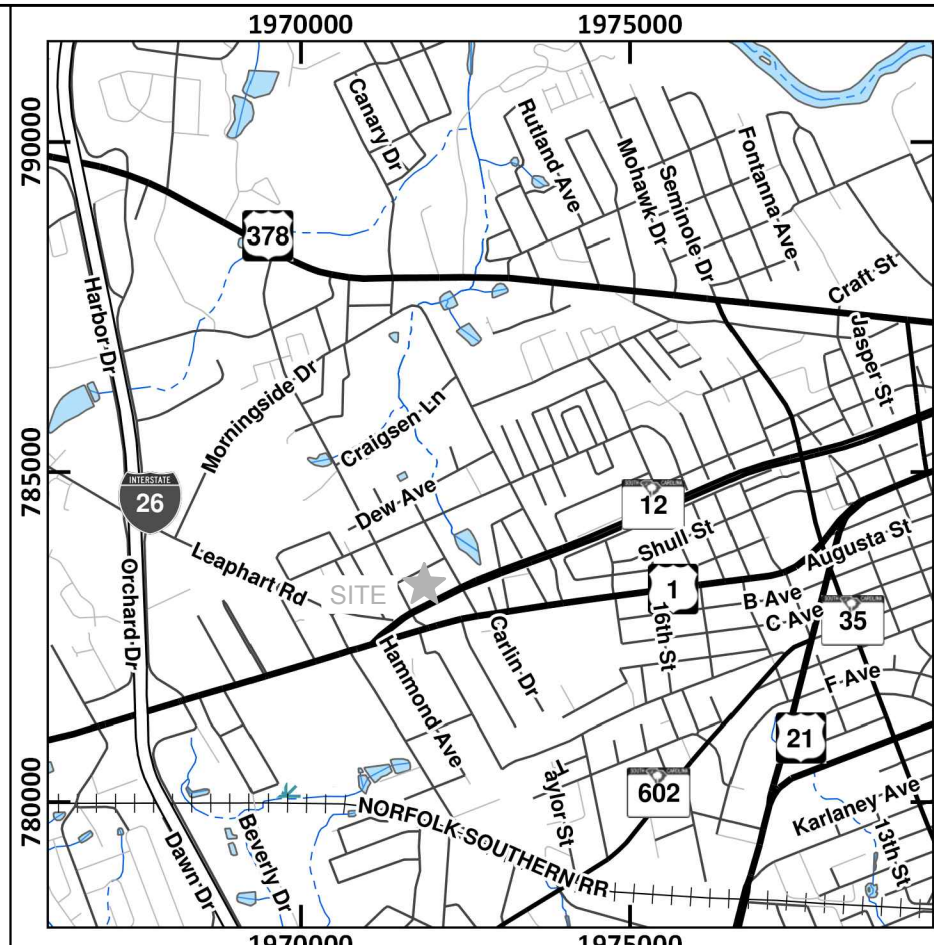


SCDOT FULL DEPTH ASPHALT PAVEMENT
(SEE DETAILS FOR COMPOSITION & THICKNESS)

LIGHT DUTY ASPHALT PAVEMENT (SEE
DETAILS FOR COMPOSITION & THICKNESS)

PARKING SUMMARY

| | |
|--|-----------|
| EXISTING PARKING SPACES AT FACILITY: | 62 SPACES |
| NEW PARKING SPACES PROVIDED: | 26 SPACES |
| ACCESSIBLE PARKING SPACES AT FACILITY: | 3 SPACES |



VICINITY MAP
NOT TO SCALE

Jumper

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412 Meeting Street
West Columbia
South Carolina



SMART DESIGN SOLUTIONS

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COLUMBIA, SC 29201
P 803.765.0320 F 803.254.6209

COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

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DRAWN BY: KE

CHECKED BY: KE

COMM NO:

DATE: APR 29, 2019

SHEET TITLE:

SITE
PLAN

SHEET NO:

C102

GENERAL NOTES

- 1) THE SITE IS IDENTIFIED AS LEXINGTON COUNTY TAX PARCEL 004626-04-008 (PORTION).
2) THE PROJECT SITE IS WITHIN THE CITY LIMITS OF WEST COLUMBIA.
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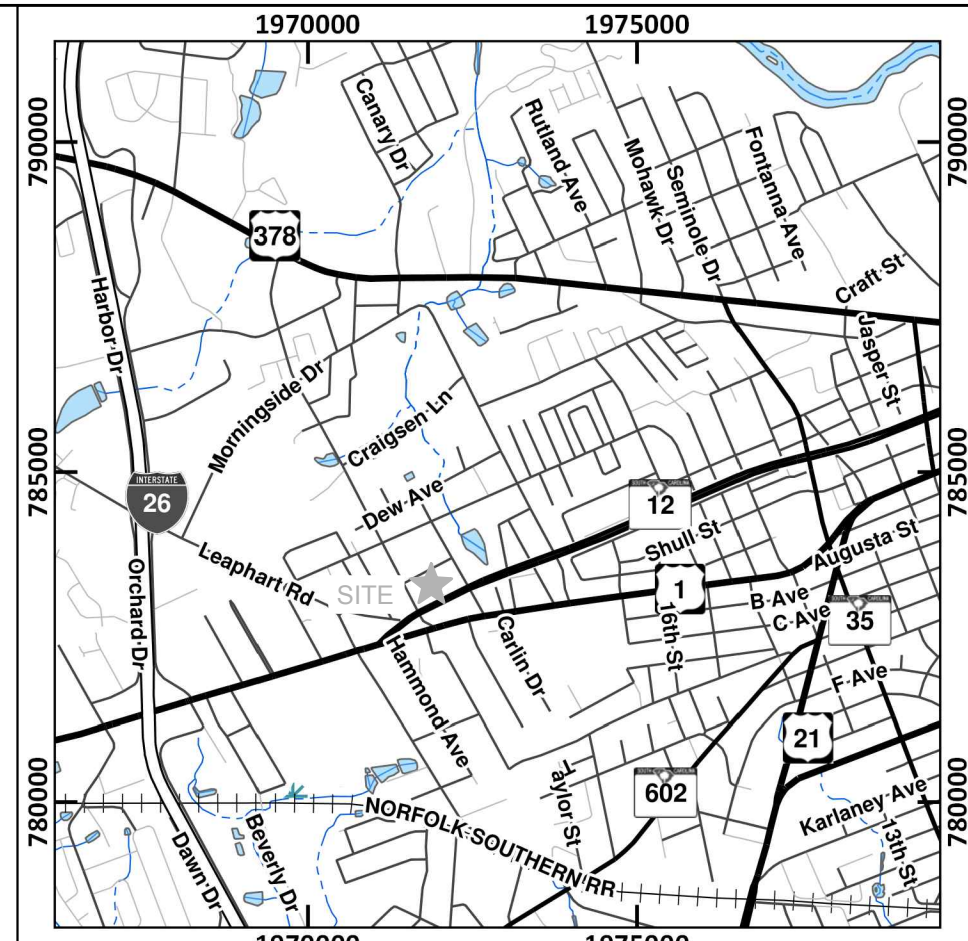
OWNER'S INFORMATION

LEXINGTON SCHOOL DISTRICT 2
CONTACT: DON ICENHOWER
715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708



TOPOGRAPHIC LEGEND

- 278 --- EXISTING MINOR CONTOUR
--- 280 --- EXISTING MAJOR CONTOUR
--- x195.16 --- EXISTING SPOT ELEVATION
--- 278 --- PROPOSED MINOR CONTOUR
--- 278.65 --- PROPOSED SPOT ELEVATION



VICINITY MAP
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ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



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COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

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DATE: APR 29, 2019

SHEET TITLE:

GRADING
PLAN

SHEET NO:

C103

GENERAL NOTES

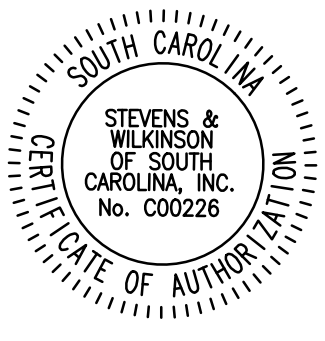
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OWNER'S INFORMATION

LEXINGTON SCHOOL DISTRICT 2
CONTACT: DON ICENHOWER
715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708



TOPOGRAPHIC LEGEND

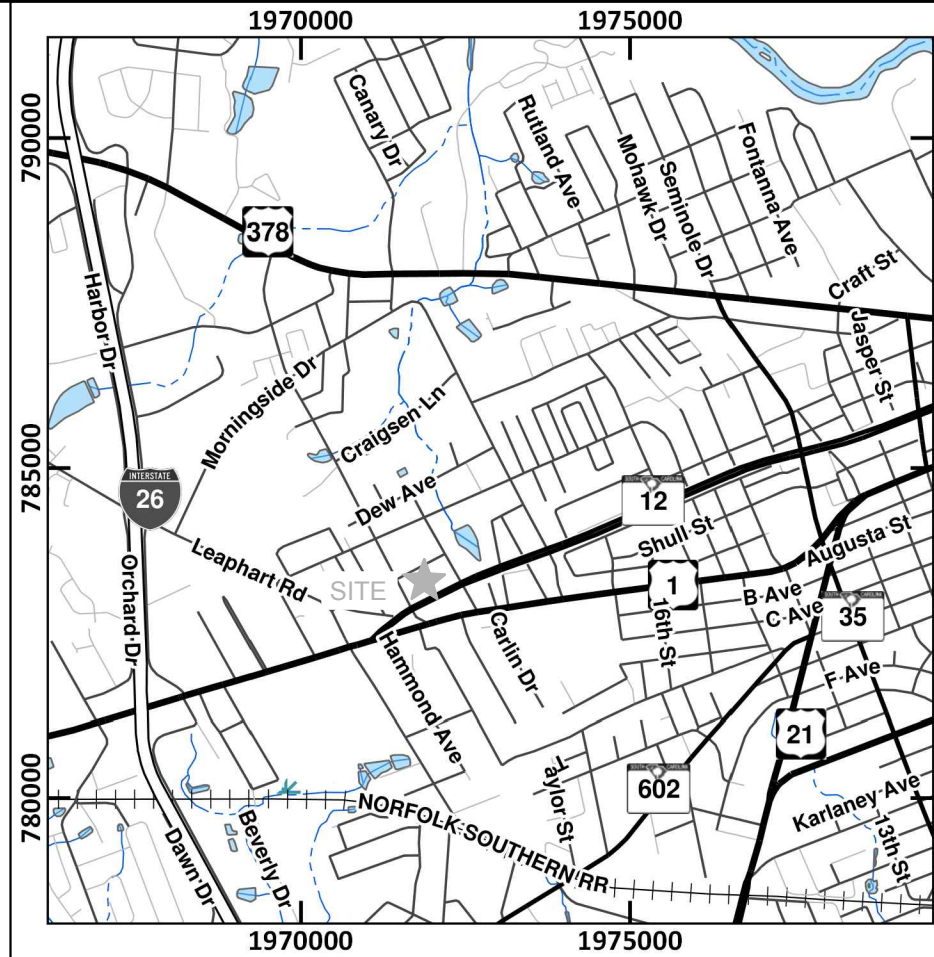
- 278 --- EXISTING MINOR CONTOUR
--- 280 --- EXISTING MAJOR CONTOUR
--- 278 --- EXISTING SPOT ELEVATION
--- 278 --- PROPOSED MINOR CONTOUR

EROSION CONTROL LEGEND

- (SF) TEMPORARY SILT FENCE PROTECTION
(CE) TEMPORARY CONSTRUCTION ENTRANCE/EXIT
(ST) TEMPORARY SEDIMENT TUBE INLET PROTECTION
LIMITS OF DISTURBANCE

GENERAL EROSION CONTROL NOTES:

PLACEMENT OF ADDITIONAL BMP STRUCTURES MAY BE NECESSARY DUE TO FIELD CONDITIONS. CONTRACTOR SHALL COORDINATE WITH ENGINEER.



VICINITY MAP
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COMMUNITY EDUCATION CENTER
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LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

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SHEET TITLE:

SEDIMENT &
EROSION
CONTROL
PLAN

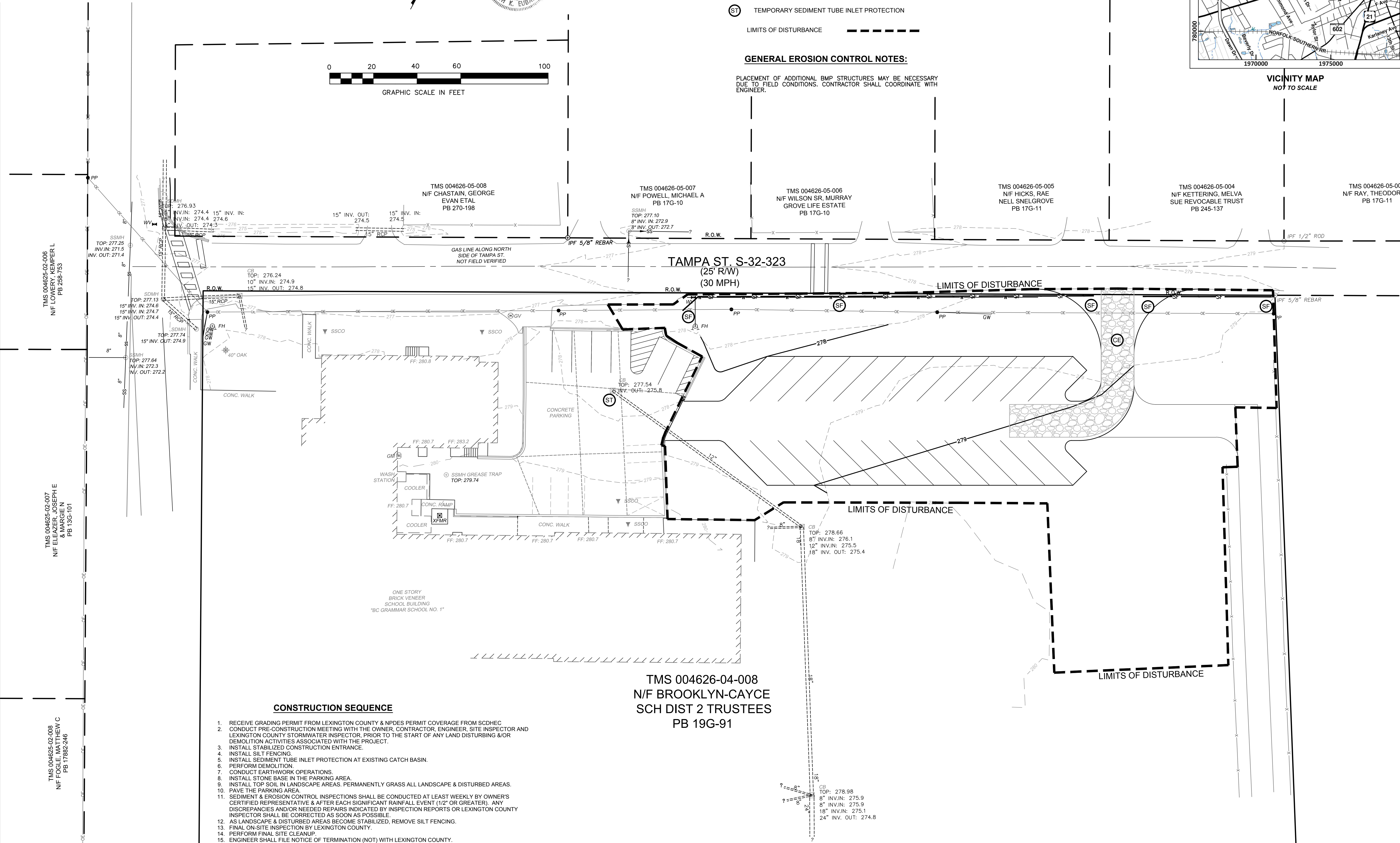
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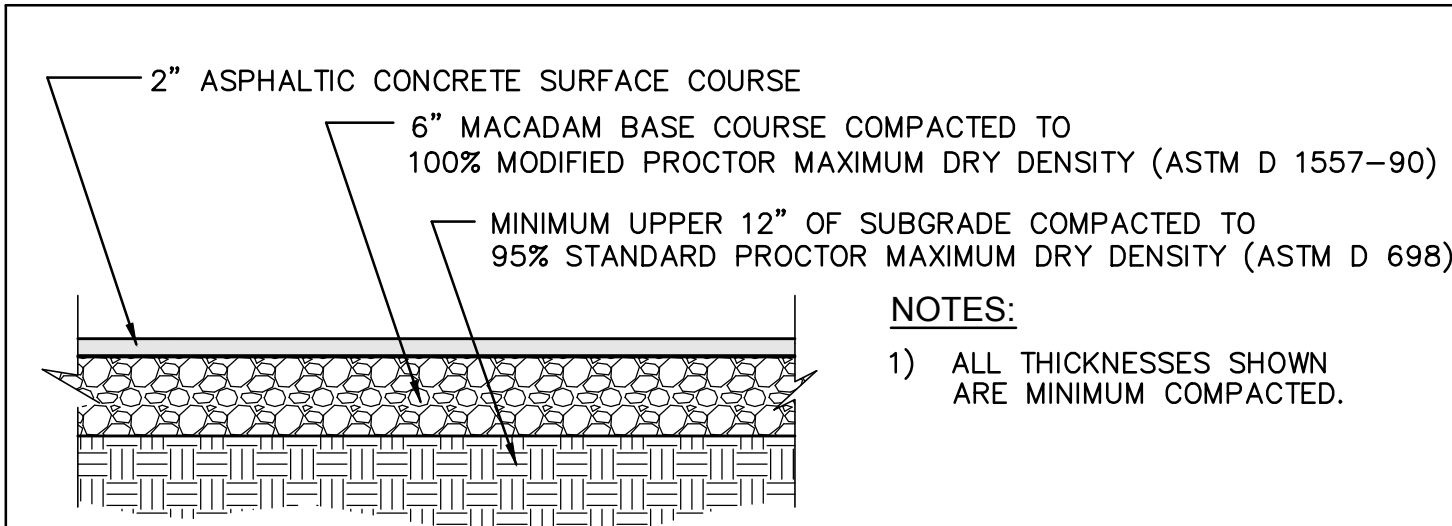
C104

CONSTRUCTION SEQUENCE

1. RECEIVE GRADING PERMIT FROM LEXINGTON COUNTY & NPDES PERMIT COVERAGE FROM SCDHEC
2. CONDUCT PRE-CONSTRUCTION MEETING WITH THE OWNER, CONTRACTOR, ENGINEER, SITE INSPECTOR AND LEXINGTON COUNTY STORMWATER INSPECTOR, PRIOR TO THE START OF ANY LAND DISTURBING &/OR DEMOLITION ACTIVITIES ASSOCIATED WITH THE PROJECT.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
4. INSTALL SILT FENCING.
5. INSTALL SEDIMENT TUBE INLET PROTECTION AT EXISTING CATCH BASIN.
6. PERFORM DEMOLITION.
7. CONDUCT EARTHWORK OPERATIONS.
8. INSTALL STONE BASE IN THE PARKING AREA.
9. INSTALL TOP SOIL IN LANDSCAPE AREAS. PERMANENTLY GRASS ALL LANDSCAPE & DISTURBED AREAS.
10. PAVE THE PARKING AREA.
11. SEDIMENT & EROSION CONTROL INSPECTIONS SHALL BE CONDUCTED AT LEAST WEEKLY BY OWNER'S CERTIFIED REPRESENTATIVE & AFTER EACH SIGNIFICANT RAINFALL EVENT (1/2" OR GREATER). ANY DISCREPANCIES AND/OR NEEDED REPAIRS INDICATED BY INSPECTION REPORTS OR LEXINGTON COUNTY INSPECTOR SHALL BE CORRECTED AS SOON AS POSSIBLE.
12. AS LANDSCAPE & DISTURBED AREAS BECOME STABILIZED, REMOVE SILT FENCING.
13. FINAL ON-SITE INSPECTION BY LEXINGTON COUNTY.
14. PERFORM FINAL SITE CLEANUP.
15. ENGINEER SHALL FILE NOTICE OF TERMINATION (NOT) WITH LEXINGTON COUNTY.

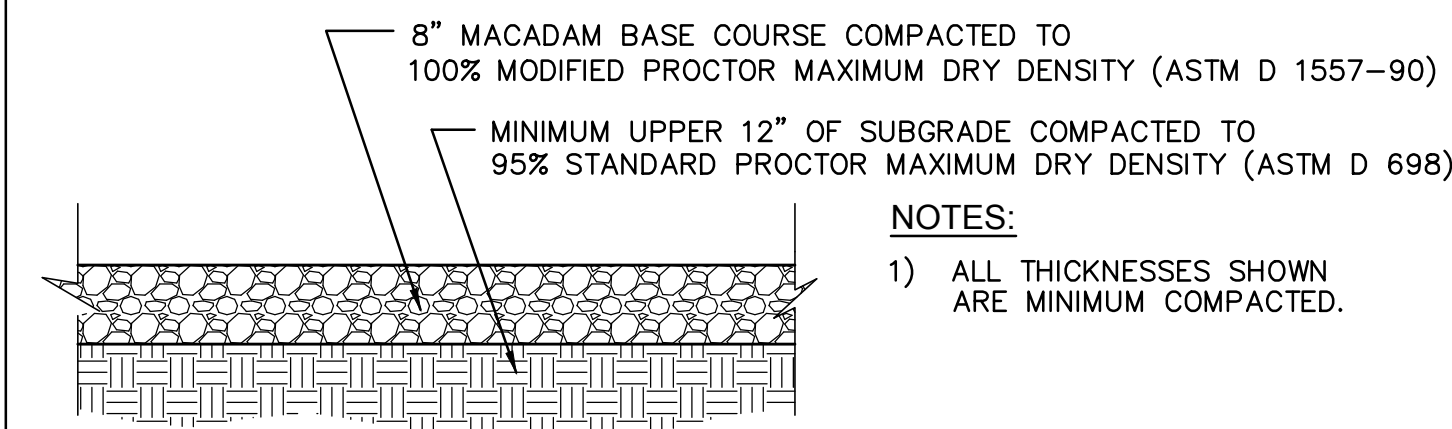
TMS 004626-04-008
N/F BROOKLYN-CAYCE
SCH DIST 2 TRUSTEES
PB 19G-91





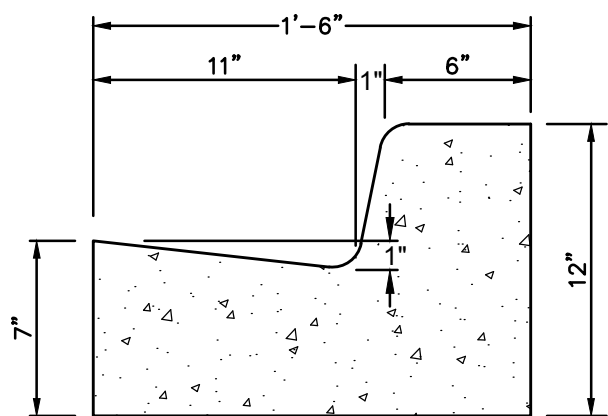
Light Duty Asphalt Pavement Section

NTS



Gravel Road Section

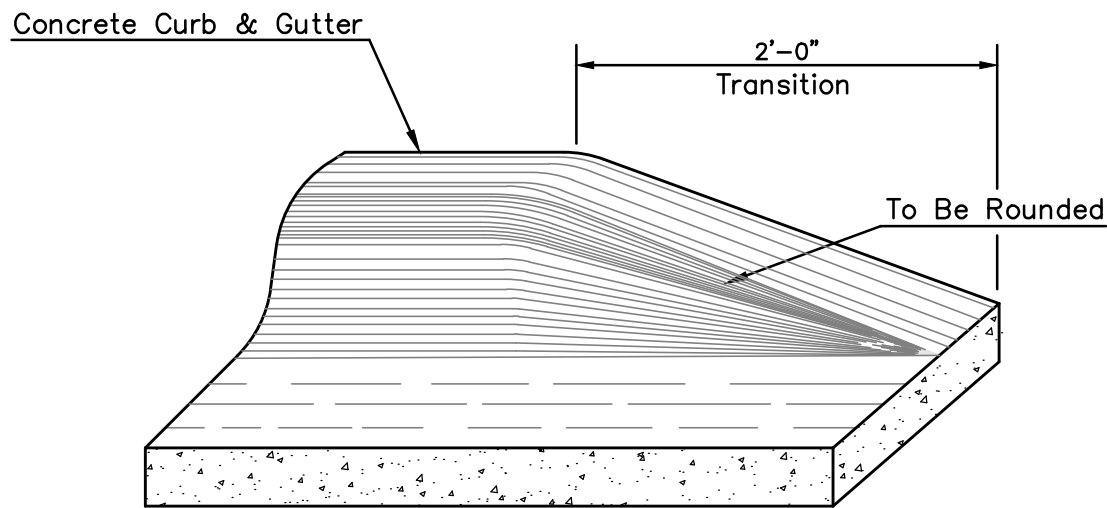
NTS



Where grades indicate, this curb section to be modified to expulsion type curb.

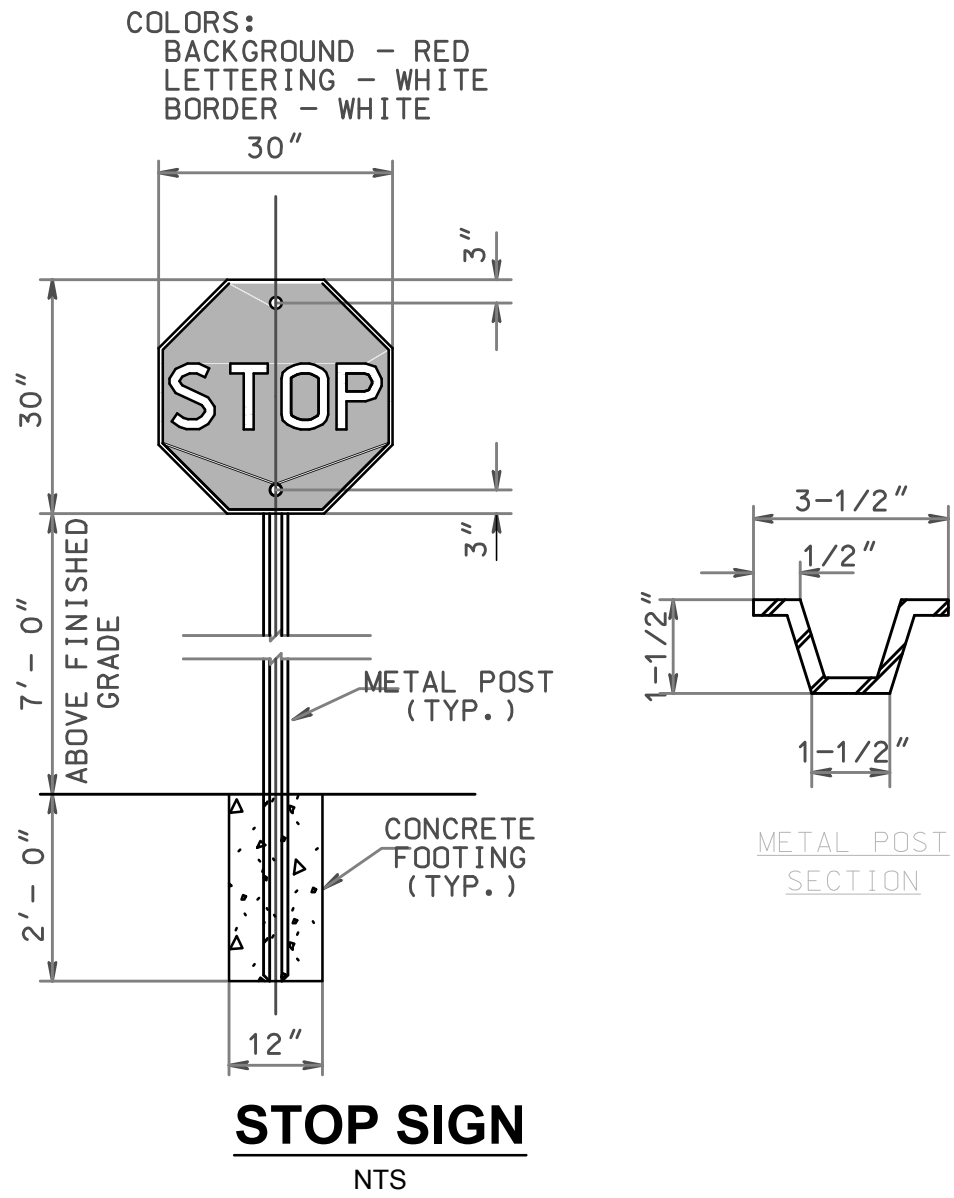
L Type Curb and Gutter

Min. Concrete Strength = 3000 p.s.i. NTS



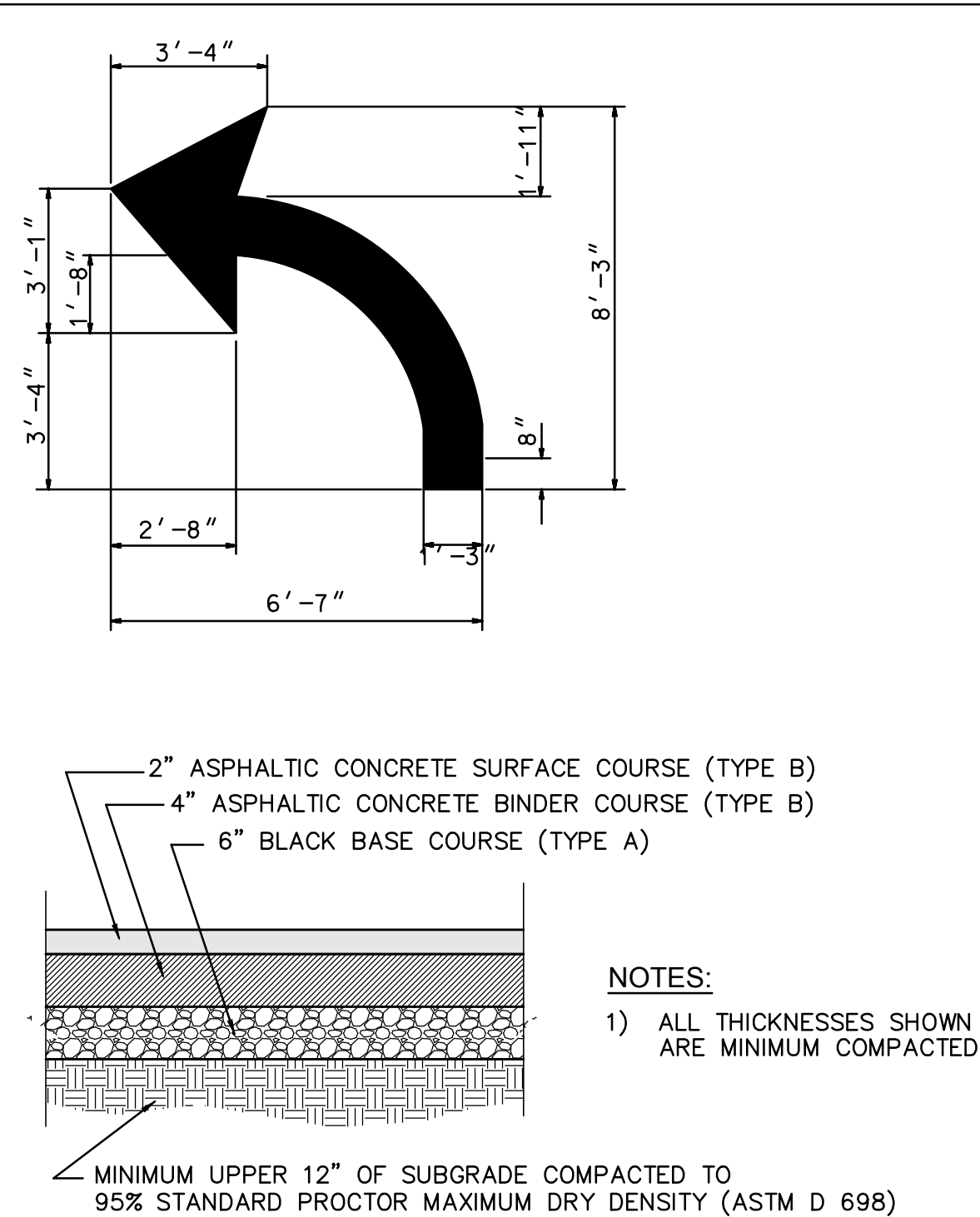
Feathering Curb and Gutter Detail

NTS



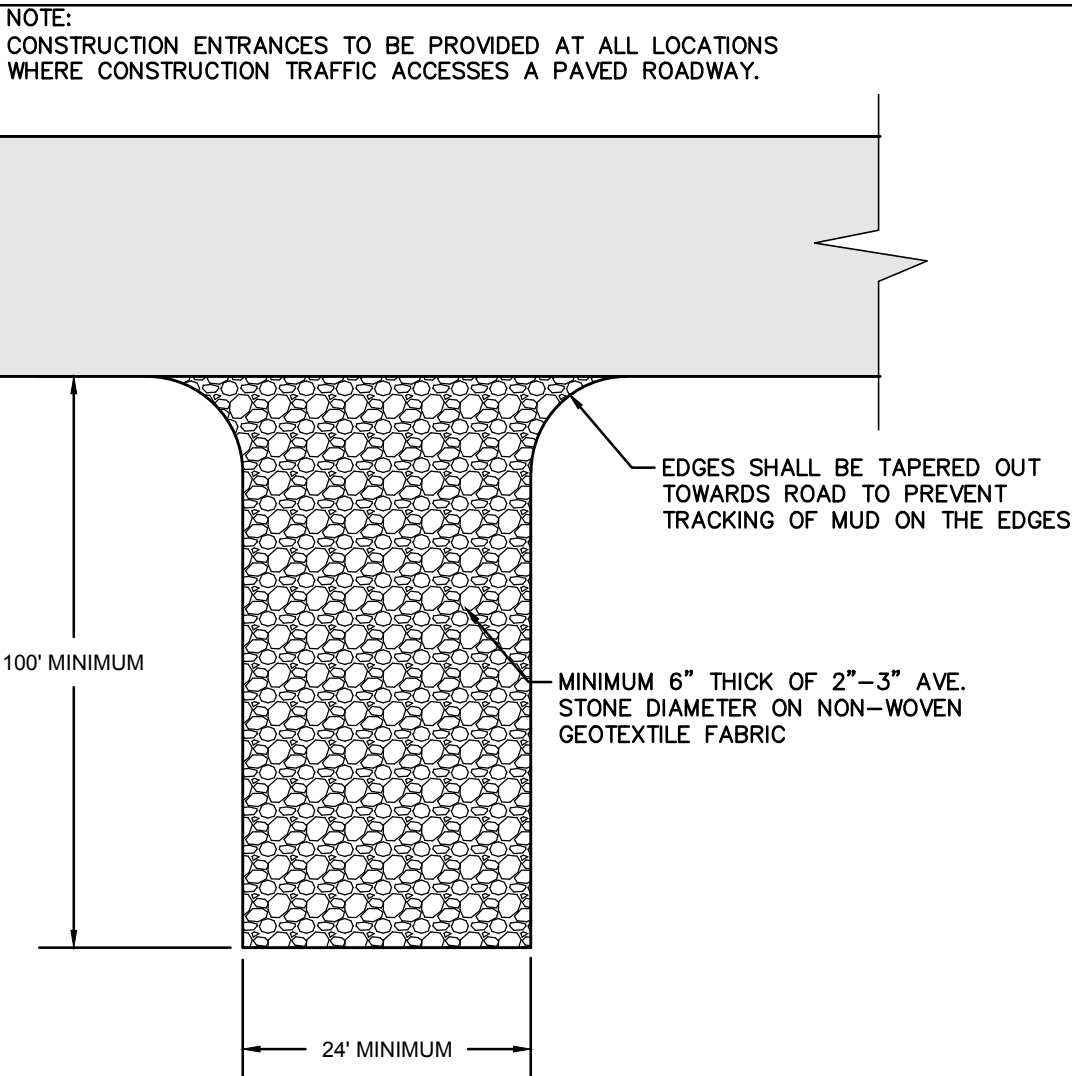
Stop Sign

NTS

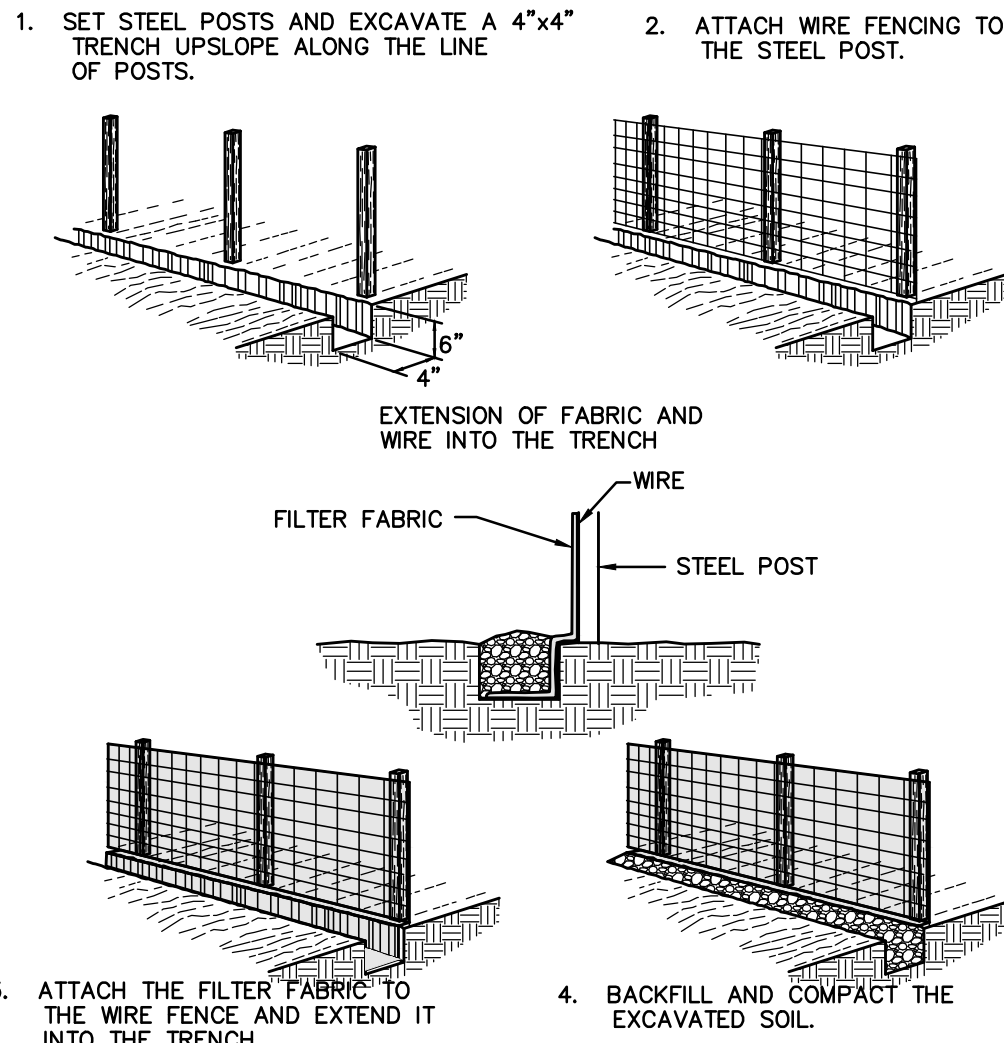


SCDOT Asphalt Pavement Section

NTS



NOTE: CONSTRUCTION ENTRANCES TO BE PROVIDED AT ALL LOCATIONS WHERE CONSTRUCTION TRAFFIC ACCESSES A PAVED ROADWAY.



Silts Fence Notes:

- THE HEIGHT OF A SILT FENCE SHOULD NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE THE STRUCTURE TO FAIL.
- THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, A FILTER CLOTH SHOULD BE SPLICED TOGETHER ONLY AT A SUPPORT POST, WITH A MINIMUM 6-INCH OVERLAP AND SEALED SECURELY.
- POSTS SHOULD BE SPACED A MAXIMUM OF 10 FEET APART AT THE FENCE LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES.
- A TRENCH SHOULD BE EXCAVATED APPROXIMATELY 4 INCHES WIDE AND 4 INCHES DEEP ALONG THE LINE OF POSTS, UPSLOPE FROM THE FENCE.
- WIRE BAKING IS REQUIRED ON ALL SILT FENCE. WHEN STANDARD STRENGTH FILTER IS USED, A WIRE MESH SUPPORT FENCE SHOULD BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1-INCH LONG. THE WIRES OR HOG RINGS. THE WIRE SHOULD EXTEND INTO THE TRENCH A MINIMUM OF 2 INCHES AND SHOULD NOT EXCEED MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE.
- THE STANDARD STRENGTH FILTER FABRIC SHOULD BE STAPLED OR WIRED TO THE FENCE, AND 12 INCHES OF THE FABRIC SHOULD BE EXTENDED INTO THE TRENCH. THE FABRIC SHOULD NOT EXTEND MORE THAN 36 INCHES ABOVE THE ORIGINAL GROUND SURFACE. DO NOT STAPLE FILTER FABRIC TO TREES.
- REPLACEMENT OF DETERIORATED FABRIC AND SPLICES WITH WIRE BAKING SHALL BE USED IN LIEU OF HIGHER STRENGTH FABRIC DUE TO DURATION OF PROJECT.
- THE TRENCH SHOULD BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
- ONLY STEEL POSTS ARE ALLOWED. WEIGHT OF POST SHALL BE MINIMUM OF 1.25 LB/FT.
- SEDIMENT SHALL BE REMOVED & SILT FENCING RESTORED WHEN SEDIMENT HAS ACCUMULATED TO A HEIGHT OF 12" AGAINST THE SILT FENCE.

SF Silts Fence Detail

OWNER'S INFORMATION

LEXINGTON SCHOOL DISTRICT 2
CONTACT: DON CENHOWER
715 NINTH STREET WEST
COLUMBIA, SC 29169
P: 803-796-4708

SEDIMENT & EROSION CONTROL NOTES

- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN ISSUED BY SCDHEC.
- THE CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS. IF SITE INSPECTIONS IDENTIFY BMP'S THAT ARE DAMAGED OR ARE NOT OPERATING EFFECTIVELY, MAINTENANCE MUST BE PERFORMED AS SOON AS PRACTICAL OR AS REASONABLY POSSIBLE AND BEFORE THE NEXT STORM EVENT WHENEVER PRACTICABLE.
- THE EROSION CONTROL MEASURES INCLUDED IN THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE INSTALLED PRIOR TO INITIAL LAND DISTURBANCE ACTIVITIES OR AS SOON AS PRACTICAL. SEDIMENT SHALL BE PREVENTED FROM DISCHARGING FROM THE PROJECT SITE BY INSTALLING AND MAINTAINING CONTROL PRACTICES AS SHOWN ON THIS PLAN. IF SHOWN ON THESE PLANS, ENERGY-DISSIPATION DEVICES OR EROSION CONTROL AT THE OUTFALL OF THE STORM SEWER SYSTEM SHALL BE INSTALLED AT THE TIME OF THE CONSTRUCTION OF THE OUTFALL. STRUCTURAL PRACTICES SHALL BE USED TO CONTROL EROSION FROM ALL SITES REMAINING UNDISTURBED FOR MORE THAN 14 DAYS.
- THE CONTRACTOR SHALL CONTROL WASTES, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A MANNER THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIAL, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL IS REQUIRED. COMPLIANCE IS REQUIRED WITH ALL STATE OR LOCAL REGULATIONS REGARDING WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC SYSTEMS.
- THE CONTRACTOR MUST TAKE NECESSARY ACTION TO MINIMIZE THE TRACKING OF MUD ONTO PAVED ROADWAY(S) FROM CONSTRUCTION AREAS AND GENERATION OF DUST. THE CONTRACTOR SHALL DAILY REMOVE MUD/SOIL FROM PAVEMENT, AS MAY BE REQUIRED.
- ALL ON-SITE STORM DRAIN INLETS SHALL BE PROTECTED AGAINST SEDIMENTATION AS SHOWN ON THESE PLANS.
- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, EXCEPT AS STATED BELOW.
 - WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICABLE.
 - WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH-DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 14 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
- THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
- DURING THE PERIOD OF CONSTRUCTION ACTIVITY, ALL SEDIMENT BASINS AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED BY THE CONTRACTOR. AT COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL COORDINATE THE TRANSFER OF MAINTENANCE RESPONSIBILITIES, IF REQUIRED, WITH THE OWNER. MAINTENANCE SHALL BE IN ACCORDANCE WITH DHEC'S MANUAL, "SOUTH CAROLINA STORMWATER MANAGEMENT AND SEDIMENT CONTROL HANDBOOK FOR LAND DISTURBANCE ACTIVITIES".
- ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH "SOUTH CAROLINA STORMWATER MANAGEMENT AND SEDIMENT CONTROL HANDBOOK FOR LAND DISTURBANCE ACTIVITIES".
- RESIDENTIAL SUBDIVISIONS REQUIRE EROSION CONTROL FEATURES FOR INFRASTRUCTURE AS WELL AS FOR INDIVIDUAL LOT CONSTRUCTION. INDIVIDUAL PROPERTY OWNERS SHALL FOLLOW THESE PLANS DURING CONSTRUCTION OR OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCRI100000.
- TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.
- ALL WATERS OF THE STATE (WoS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL EARES WHERE A 50-FOOT BUFFER CAN'T BE MAINTAINED BETWEEN THE DISTURBED AREA AND ALL WoS. A 10-FOOT BUFFER SHALL MAINTAINED BETWEEN THE LAST ROW OF SILT FENCE AND ALL WoS.
- LITTER, CONSTRUCTION DEBRIS, OILS, FUELS, AND BUILDING PRODUCTS WITH SIGNIFICANT POTENTIAL FOR IMPACT (SUCH AS STOCKPILES OF FRESHLY TREATED LUMBER) AND CONSTRUCTION CHEMICALS THAT COULD BE EXPOSED TO STORM WATER MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE IN STORM WATER DISCHARGES.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED DURING ALL PHASES OF CONSTRUCTION UNTIL THE COMPLETION OF ALL CONSTRUCTION ACTIVITIES AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFFSITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- EXISTING VEGETATION SHALL BE PROTECTED AS MUCH AS PRACTICAL.
- THE APPROVED EROSION CONTROL PLAN MUST BE RETAINED ON-SITE AT ALL TIMES DURING THE PERIOD OF CONSTRUCTION.
- IF NECESSARY, SLOPES WHICH EXCEED EIGHT (8) VERTICAL FEET SHOULD BE STABILIZED WITH SYNTHETIC OR VEGETATIVE MATS, IN ADDITION TO HYDROSEEDING. IT MAY BE NECESSARY TO INSTALL TEMPORARY SLOPE DRAINS DURING CONSTRUCTION. TEMPORARY BERMS MAY BE NEEDED UNTIL THE SLOPE IS BROUGHT TO GRADE.
- IF SYNTHETIC OR PERMANENT VEGETATIVE MATTING IS USED, THE MANUFACTURER'S REPRESENTATIVE WILL APPROVE. IN WRITING, THE INSTALLATION OF THE MATERIAL. A LETTER WILL BE PROVIDED TO THE ENGINEER AND OWNER.
- IF THE INSTALLATION OF THE STORM DRAINAGE SYSTEM IS INTERRUPTED BY WEATHER OR NIGHTFALL, PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
- PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEARED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL COVER AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENT BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.
- THE CONTRACTOR SHALL REMOVE SEDIMENT FROM THE DETENTION POND/SEDIMENT BASIN AT SUCH TIME AS IT REACHES A DEPTH OF 0.5 FEET ABOVE THE DESIGN BOTTOM ELEVATION OF THE POND/BASIN. DISPOSAL OF THE MATERIAL IS ALSO THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE ALL ACCUMULATED SEDIMENT FROM THE DETENTION POND/SEDIMENT BASIN AFTER THE SITE IS STABILIZED, ENSURING THAT THE DESIGN VOLUME OF THE POND/BASIN WILL BE MAINTAINED.
- ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE CONSTRUCTION IS COMPLETE AND THE SITE IS STABILIZED.
- THE CONTRACTOR SHALL RESPREAD THE TOPSOIL ON SITE AS MUCH AS POSSIBLE PRIOR TO FINAL GRADING AND STABILIZATION.
- THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES AT HIS EXPENSE TO REDUCE EROSION AND PREVENT SEDIMENT FROM LEAVING THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR ALL CLEANUP AND REPAIR ON-SITE AND DOWNSTREAM DUE TO EROSION AND SILTATION.
- A COPY OF THE SWPPP, INSPECTION RECORDS, AND RAINFALL DATA MUST BE RETAINED AT THE CONSTRUCTION SITE OR A NEARBY ACCESSIBLE LOCATION DURING NORMAL BUSINESS HOURS, FROM THE DATE OF COMMENCEMENT OF CONSTRUCTION ACTIVITIES TO THE DATE FINAL STABILIZATION IS REACHED.
- INITIATE STABILIZATION MEASURES ON ANY EXPOSED STEEP SLOPE (3H:1V OR GREATER) WHERE LAND DISTURBING ACTIVITIES ARE HAVE PERMANENTLY OR TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD OF 7 CALENDAR DAYS.
- MINIMIZE SOIL COMPACTION AND UNLESS INFEASIBLE, PRESERVE TOPSOIL.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.
- MINIMIZE THE DISCHARGE OF POLLUTANTS FROM DEWATERING OF TRENCHES AND EXCAVATED AREAS. THESE DISCHARGES ARE TO BE ROUTED THROUGH AN APPROPRIATE BMP'S (SEDIMENT BASIN, FILTER BAG, ETC.)
- THE FOLLOWING DISCHARGES FROM SITES ARE PROHIBITED:
 - WASTEWATER FROM WASHOUT OF CONCRETE, UNLESS MANAGED BY AN APPROPRIATE CONTROL;
 - WASTEWATER FROM CLEANOUT OR CLEANUP OF STUCCO, PAINT, FIRM RELEASE OILS, CURING COMPOUNDS AND OTHER CONSTRUCTION MATERIALS;
 - FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE; AND
 - SOAPS OR SOLVENTS USED IN VEHICLE AND EQUIPMENT WASHING.
- IF EXISTING BMP'S NEED TO BE MODIFIED OR IF ADDITIONAL BMP'S ARE NECESSARY TO COMPLY WITH THE REQUIREMENTS OF THIS PERMIT AND/OR SC'S WATER QUALITY STANDARDS, IMPLEMENTATION MUST BE COMPLETED BEFORE NEXT STORM EVENT WHENEVER PRACTICABLE. IF IMPLEMENTATION BEFORE THE NEXT STORM EVENT IS IMPRACTICABLE, THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMP'S MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

Plant Selection

Plant seed selection should be based on the type of soil, the season of the year in which the planting is to be done, and the needs and desires of the permanent land user. Tables 3.14 and 3.15 should be used to select the desired species to be planted. Failure to carefully follow appropriate recommendations often result in the inadequate stand of permanent vegetation that provides little or no erosion control. The rates in Tables 3.14 and 3.15 are based on purity and germination standards required for certification.

The following notes apply to Tables 3.14 and 3.15:

- In mixtures with temporary cover, the full seeding rate of permanent cover shall be used.
- Min. species 2 or more long term species plus short term species. For sites other than optimum, call the Lexington Soil and Water Conservation District, (803) 358-3165 ext. 3.
- A legume, such as clover, crown vetch, and sericea should be used where it is possible.
- The appropriate inoculants should be used.

Topsoil

If the surface soil of the seedbed is not adequate for plant growth, topsoil should be applied.

Tillage

If the area has been recently plowed, no tillage is required other than raking or Surface Roughening to break any crust that has formed and to leave a textured surface. If the soil is compacted less than 8-inches, it should be drilled for optimal germination. If the soil is compacted more than 8-inches, it should be sub-soiled and drilled.

Soil Testing

Information and test provider is available from the PWS/SDW and the Soil and Water Conservation District Office.

Lim

Unless a specific soil test indicates otherwise, apply 1x tons of ground coarse textured agricultural limestone per acre (70 pounds per 1000 square feet).

Fertilizer

A minimum of 1000 pounds per acre of a complete 10-10-10 fertilizer (23 pounds per 1000 square feet) or equivalent should be applied during permanent seeding of grasses unless a soil test indicates a different requirement. Fertilizer and lime (if used) should be incorporated into the top 4-8 inches of the soil by disking or other means where conditions allow. Do not mix the lime and the fertilizer prior to the field application.

Seeding

The surface of the soil should be loosened just before broadcasting the seed. Seed should be evenly applied by the most convenient method suitable for the type of seed to be applied. Typical application methods include but are not limited to: combine seeders, rotary spreaders, drop spreaders, broadcast seeders, hand spreaders, outspread seeder, and hydro-seeders. Cover applied seed by raking or dragging a chain or brush mat, and then lightly firm the area with a roller or outspread. Do not roll seeds that is applied with a hydro-seeder and hydro-mulch.

Mulching

All permanent seeded areas should be covered with mulch immediately upon completion of the seeding application to retain soil moisture and reduce erosion during establishment of vegetation. The mulch should be applied evenly in such a manner that it provides a minimum of 75% coverage. Typical mulch applications include straw, wood chips, bark, wood fiber, and compost mulch. The most commonly accepted mulch used in conjunction with permanent seeding is small grain straw. This straw should be dry and free from mold damage and noxious weeds. The straw may need to be anchored with netting or staples to prevent it from being blown or washed away. The straw mulch may be applied by hand or machine at the rate 2 tons per acre (90 pounds per 1000 square feet). Frequent inspections are necessary to check that conditions for growth are good.

Irrigation

Permanent seeded areas should be kept adequately moist, especially late in the specific growing season. Irrigate the seeded area if normal rainfall is not adequate for the germination and growth of seedlings. Water seeded areas of controlled slopes that are less than the rate at which the soil can absorb water to prevent runoff. Runoff of irrigation water wastes water and can cause erosion.

Per-seeding

Inspect permanently seeded areas for failure, make necessary repairs and re-seed or overseed within the same growing season. If seedlings are sparse or patchy, re-seed the areas of sparse or patchy seedlings. If the permanent seeding has less than 40% cover, have the soil tested to determine if additional seed is needed. Final stabilization by permanent seeding of the site requires that it be covered by a 75% coverage rate.

Post-Stabilization

Plant areas that are stabilized may be converted to native species or for establishing a non-erotic, level sites. Table 3.16 lists some native species of Lexington County that can be used.

LEXINGTON COUNTY
PUBLIC WORKS DEPARTMENT
PERMANENT VEGETATION
NOTES & SCHEDULE
(Sheet 1 of 2)
DRAWING 10C3-117
DATE: October, 2007

LEXINGTON COUNTY
PUBLIC WORKS DEPARTMENT
PERMANENT VEGETATION
NOTES & SCHEDULE
(Sheet 2 of 2)
DRAWING 10C3-117
DATE: October, 2007

| TABLE 3.14 PERMANENT VEGETATION SCHEDULE | | | | |
|---|--------------------|------------------------|---|--|
| Species | Rates (lbs/acr) | Optimum Dates to Plant | Remarks | |
| Bahia Grass (Alone) | 40 | March 20 - June 15 | Slow to become established | |
| Bahia Grass (Mix)* | 30 | March 20 - June 15 | Slow to become established | |
| Bermuda Grass (Hulled) | 8-12 | April - July 15 | Quick cover, Sod forming, partial winter kill | |
| Bermuda Grass (Hulled) (Mix)* | 4-6 | April - July 15 | Quick cover, Sod forming, partial winter kill | |
| Fescue, Tall (K(Y31) Alone | 40 | August 15 - October | Seldom seeded alone, not for dry or wet sites | |
| Fescue, Tall (K(Y31) Mix* | 20 | August 15 - October | Seldom seeded alone, not for dry or wet sites | |
| Sericea Lespedeza (Scarified) Alone or Mix* | 40 | April - June | Good for slopes, cuts, and fills that require low maintenance | |
| Ladino Clover (Mix* only), (Inoculate with AB Inoculant) | 2 | August 20 - October | Naturally adds nitrogen | |

* For details on mixes consult the Lexington Soil and Water Conservation District, (803) 358-3165 ext. 3.

| TABLE 3.15 PERMANENT VEGETATION SCHEDULE FOR STEEP SLOPES/OUT SLOPES | | | |
|--|--------------------|------------------------|---|
| Species | Rates (lbs/acr) | Optimum Dates to Plant | Remarks |
| Weeping Lovegrass (Alone) | 4 | April - July 20 | Quick cover, deep roots, likes dry sites, seldom used alone, clumps |
| Weeping Lovegrass (Mix)* | 2 | April - July 20 | Quick cover, deep roots, likes dry sites, seldom used alone, clumps |

| TABLE 3.16 NATIVE SPECIES THAT CAN BE USED ON NON-CRITICAL, LEVEL SITES IN LEXINGTON COUNTY, SC | | | |
|---|--------------------|------------------------|---------------------------------|
| Species | Rates (lbs/acr) | Optimum Dates to Plant | Remarks |
| Switchgrass (Mix* with Legumes) | 10, PLS** | February 10 - April 20 | Mix with Sericea at 30 lbs/acre |
| Indian Grass (Mix)* | 8, PLS** | February - April 20 | Mix with Sericea at 30 lbs/acre |
| Little Bluestem, (Mix*) | 8, PLS** | February 10 - April | |

* Pure Live Seed

LEXINGTON COUNTY
PUBLIC WORKS DEPARTMENT
PERMANENT VEGETATION
NOTES & SCHEDULE
(Sheet 2 of 2)
DRAWING 10C3-117
DATE: October, 2007

Jumper

Carter

Sease

ARCHITECTS

412 Meeting Street
West Columbia
South Carolina



1501 MAIN STREET, SUITE 730
COLUMBIA, SC 29201
P 803.765.0320 F 803.254.6209

COMMUNITY EDUCATION CENTER
ADDITIONAL PARKING
LEXINGTON SCHOOL DISTRICT TWO
WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

| No | Description | Date | | | |
|----|-------------|------|--|--|--|
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DRAWN BY:

KE

CHECKED BY:

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COMM NO:

DATE:

APR 29, 2019

SHEET TITLE:

DETAILS

SHEET NO:

C501