

SITE PERMIT DRAWINGS FOR:

COMMUNITY EDUCATION CENTER ADDITIONAL PARKING

LEXINGTON SCHOOL DISTRICT TWO

LEXINGTON COUNTY, SOUTH CAROLINA



Jumper

Carter

Sease

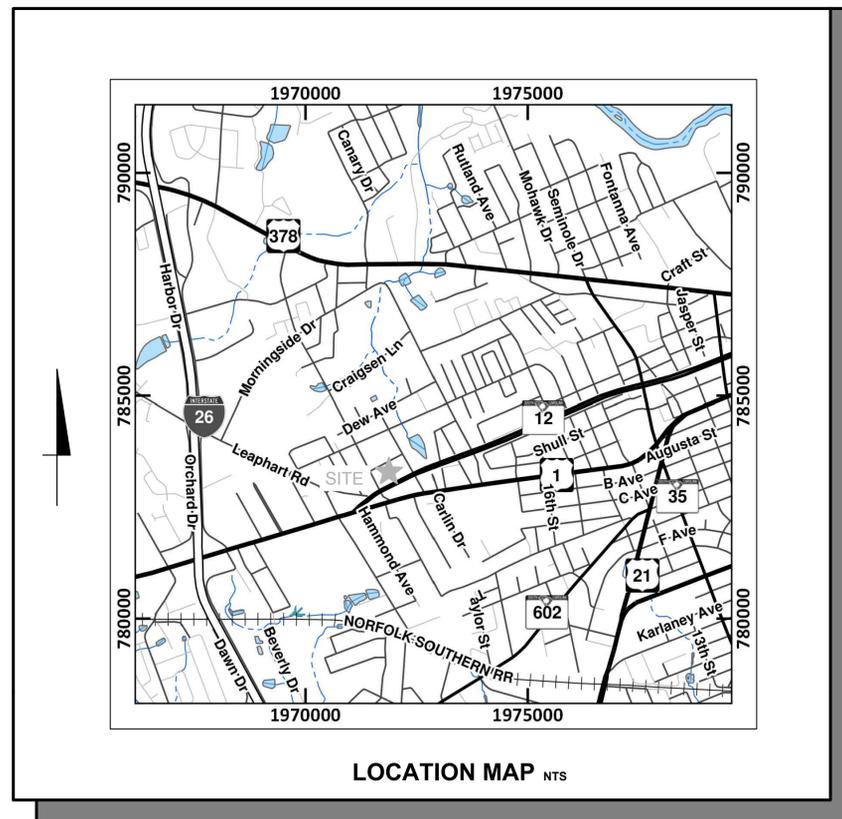
ARCHITECTS

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



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



BID DOCUMENTS

No	Description	Date

DRAWN BY: KE

CHECKED BY: KE

COMM NO:

DATE: APR 29, 2019

SHEET TITLE:

COVER
AND INDEX
SHEET

SHEET NO:

C000

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 purposes 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

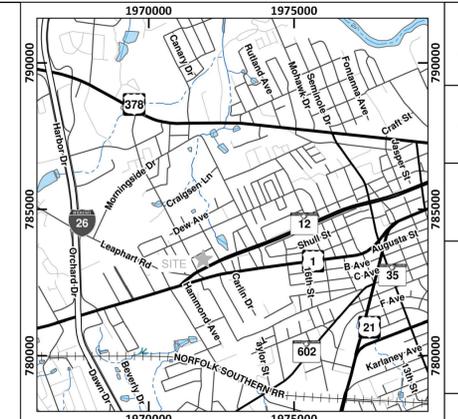
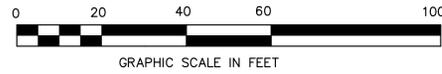
- 1) THE SITE IS IDENTIFIED AS LEXINGTON COUNTY TAX PARCEL 004626-04-008 (PORTION).
- 2) THE PROJECT SITE IS WITHIN THE CITY LIMITS OF WEST COLUMBIA.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE LOCATIONS AND ELEVATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.
- 4) WE HAVE CONSULTED FIRM MAP NUMBER 4506300276J, PANEL 276 OF 555, REVISED JULY 5, 2018, AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE PROPERTY IS IN FLOOD HAZARD ZONE X.
- 5) ALL DIMENSIONS REFERENCED TO THE CURB INCLUDING RADII ARE TO THE FACE OF CURB (PARKING LOT SIDE).

OWNER'S INFORMATION

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

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.



VICINITY MAP
NOT TO SCALE

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 WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

No	Description	Date

DRAWN BY: **KE**

CHECKED BY: **KE**

COMM NO:

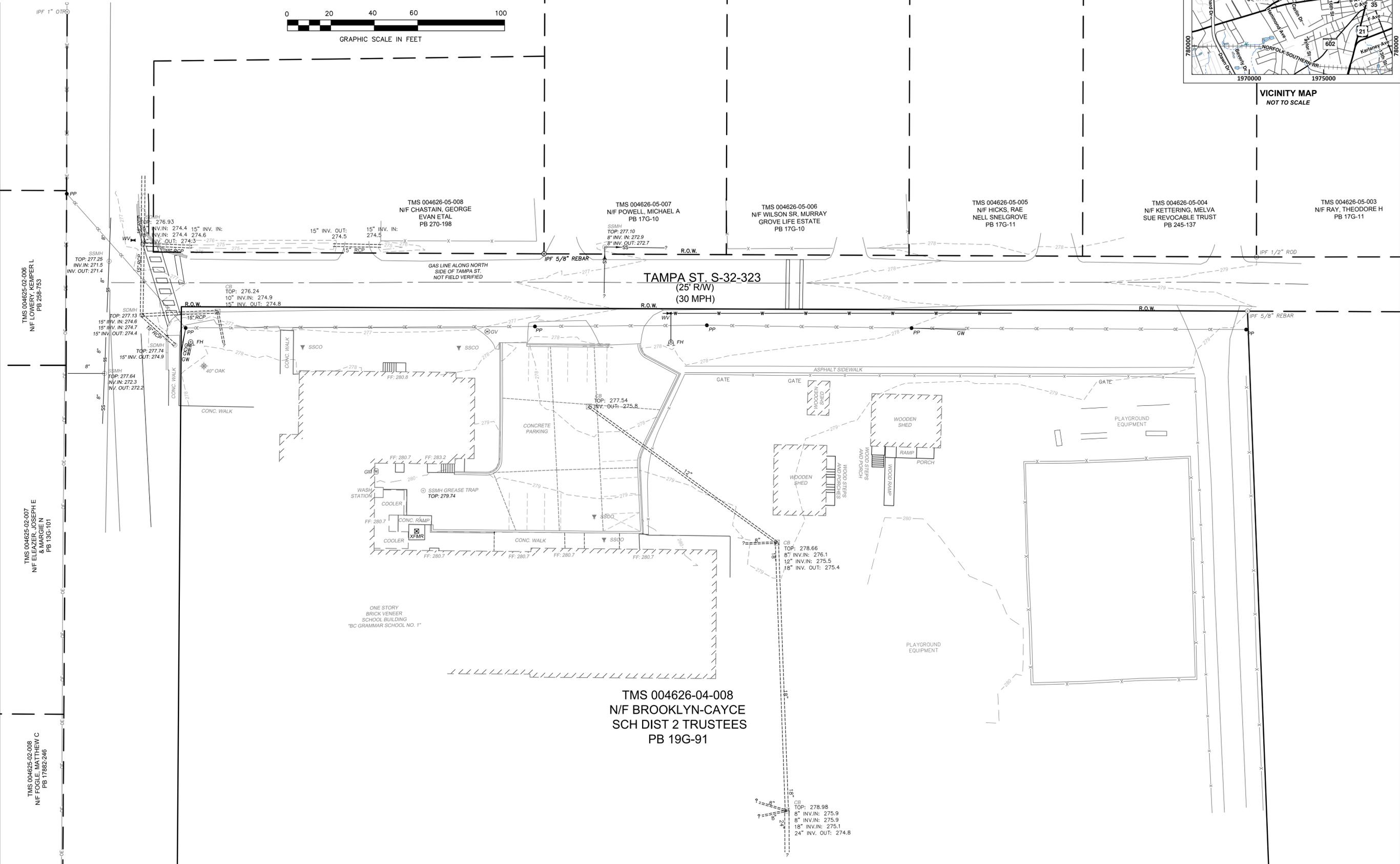
DATE: **APR 29, 2019**

SHEET TITLE:

**EXISTING
CONDITIONS
PLAN**

SHEET NO:

C100



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

GENERAL NOTES

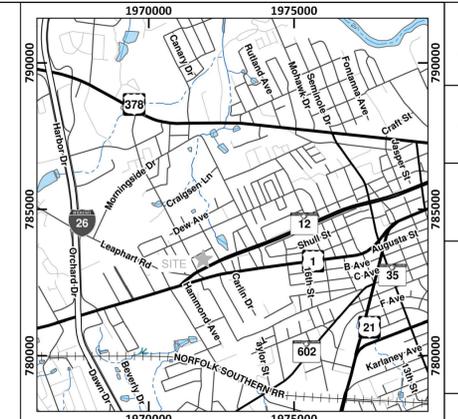
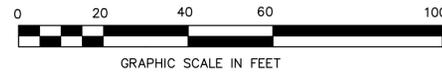
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- 4) WE HAVE CONSULTED FIRM MAP NUMBER 45063C0276J, PANEL 276 OF 555, REVISED JULY 5, 2018, AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE PROPERTY IS IN FLOOD HAZARD ZONE X.
- 5) ALL DIMENSIONS REFERENCED TO THE CURB INCLUDING RADII ARE TO THE FACE OF CURB (PARKING LOT SIDE).

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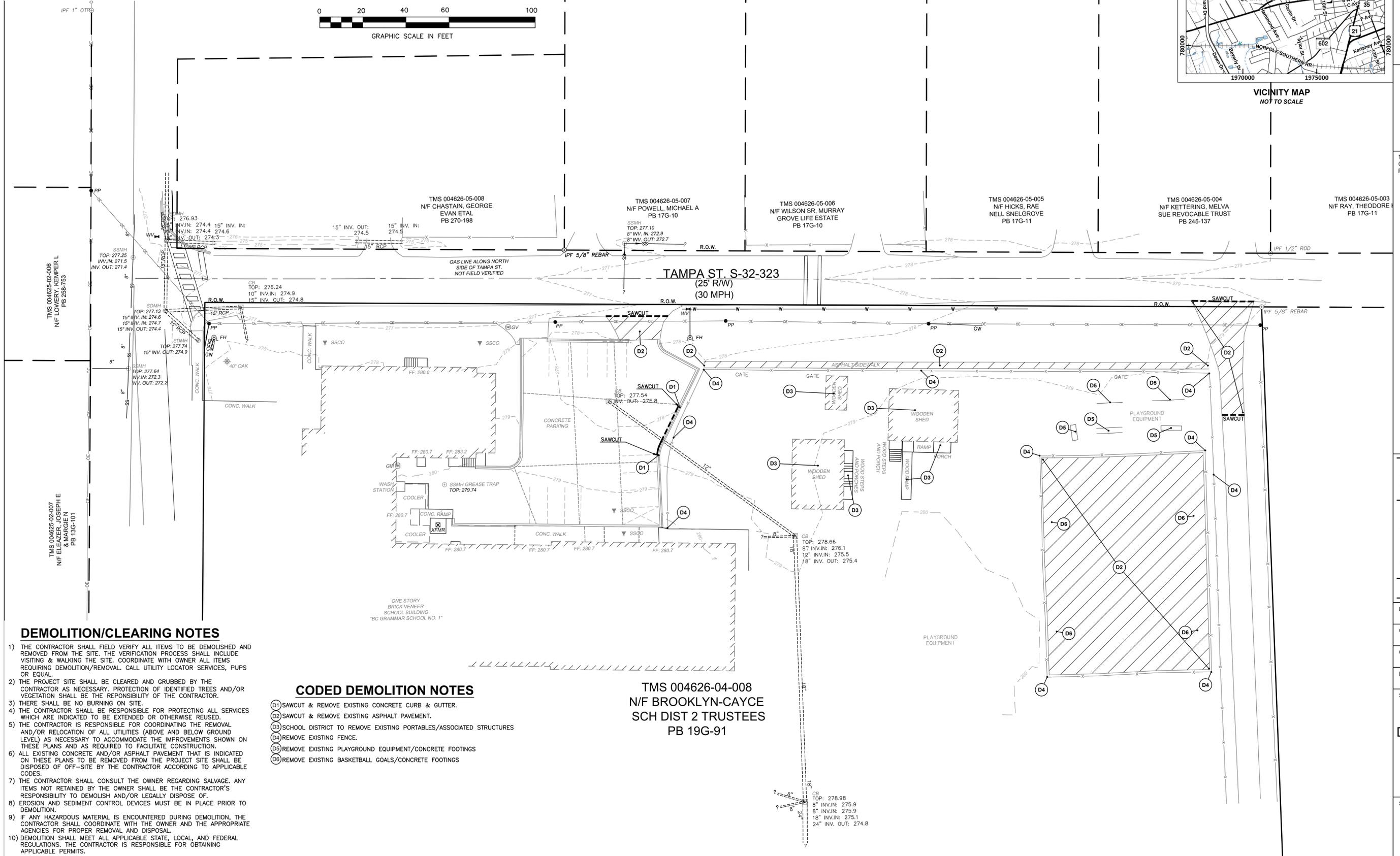
LEXINGTON SCHOOL DISTRICT 2
 CONTACT: DON ICENHOWER
 715 NINTH STREET WEST
 COLUMBIA, SC 29169
 P: 803-796-4708

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VICINITY MAP
NOT TO SCALE



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
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 WEST COLUMBIA, SOUTH CAROLINA

BID DOCUMENTS

No	Description	Date

DRAWN BY: KE

CHECKED BY: KE

COMM NO:

DATE: APR 29, 2019

SHEET TITLE:

**DEMOLITION
 PLAN**

SHEET NO:

C101

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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- 4) WE HAVE CONSULTED FIRM MAP NUMBER 45063C0276J, PANEL 276 OF 555, REVISED JULY 5, 2018, AND TO THE BEST OF OUR KNOWLEDGE AND BELIEF, THE PROPERTY IS IN FLOOD HAZARD ZONE X.
- 5) ALL DIMENSIONS REFERENCED TO THE CURB INCLUDING RADII ARE TO THE FACE OF CURB (PARKING LOT SIDE).

OWNER'S INFORMATION

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



CODED SITE NOTES

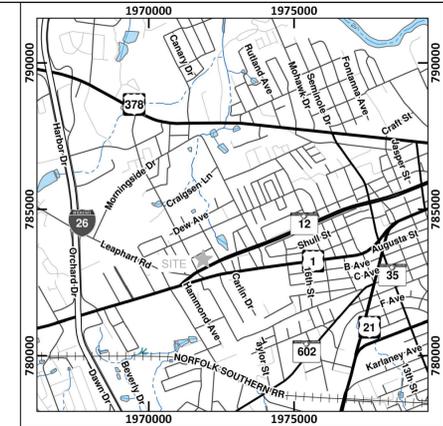
- 1) NEW 18" WIDE CONCRETE FLUSH CURB
- 2) FEATHER CURB & GUTTER
- 3) TIE NEW CURB & GUTTER TO EXISTING
- 4) 4" WIDE PAINTED WHITE PARKING LOT STRIPING (TYPICAL).
- 5) PAINTED WHITE ISLAND, 4" WIDE STRIPING @ 45°, 2' O.C.
- 6) 2' WIDE PAINTED WHITE STOP BAR
- 7) PAINTED WHITE TRAFFIC DIRECTIONAL FLOW 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

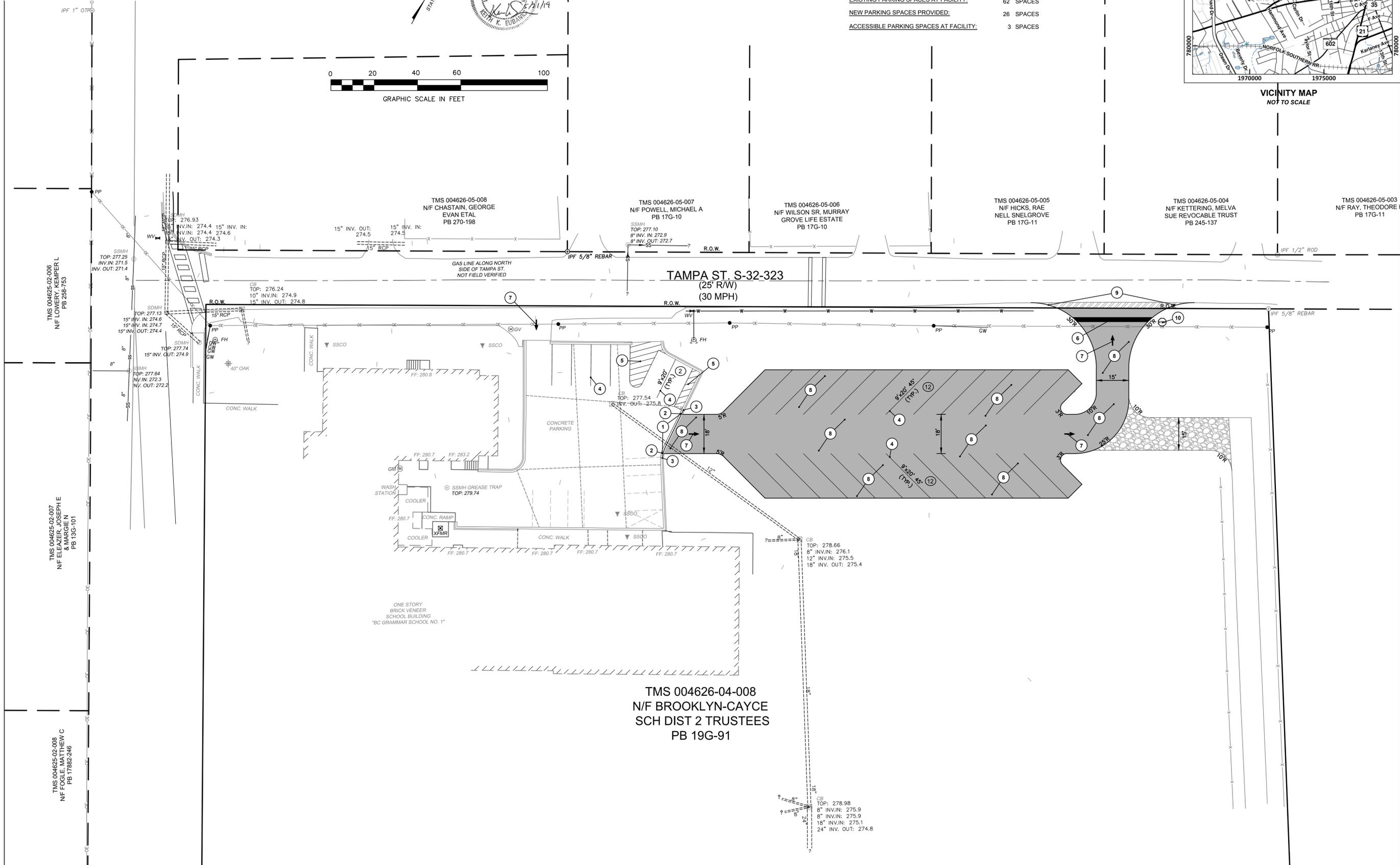
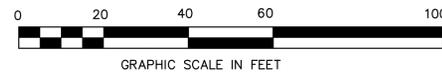
EXISTING PARKING SPACES AT FACILITY: 62 SPACES
 NEW PARKING SPACES PROVIDED: 26 SPACES
 ACCESSIBLE PARKING SPACES AT FACILITY: 3 SPACES



VICINITY MAP
NOT TO SCALE

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BID DOCUMENTS

No	Description	Date

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).
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TOPOGRAPHIC LEGEND

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

EROSION CONTROL LEGEND

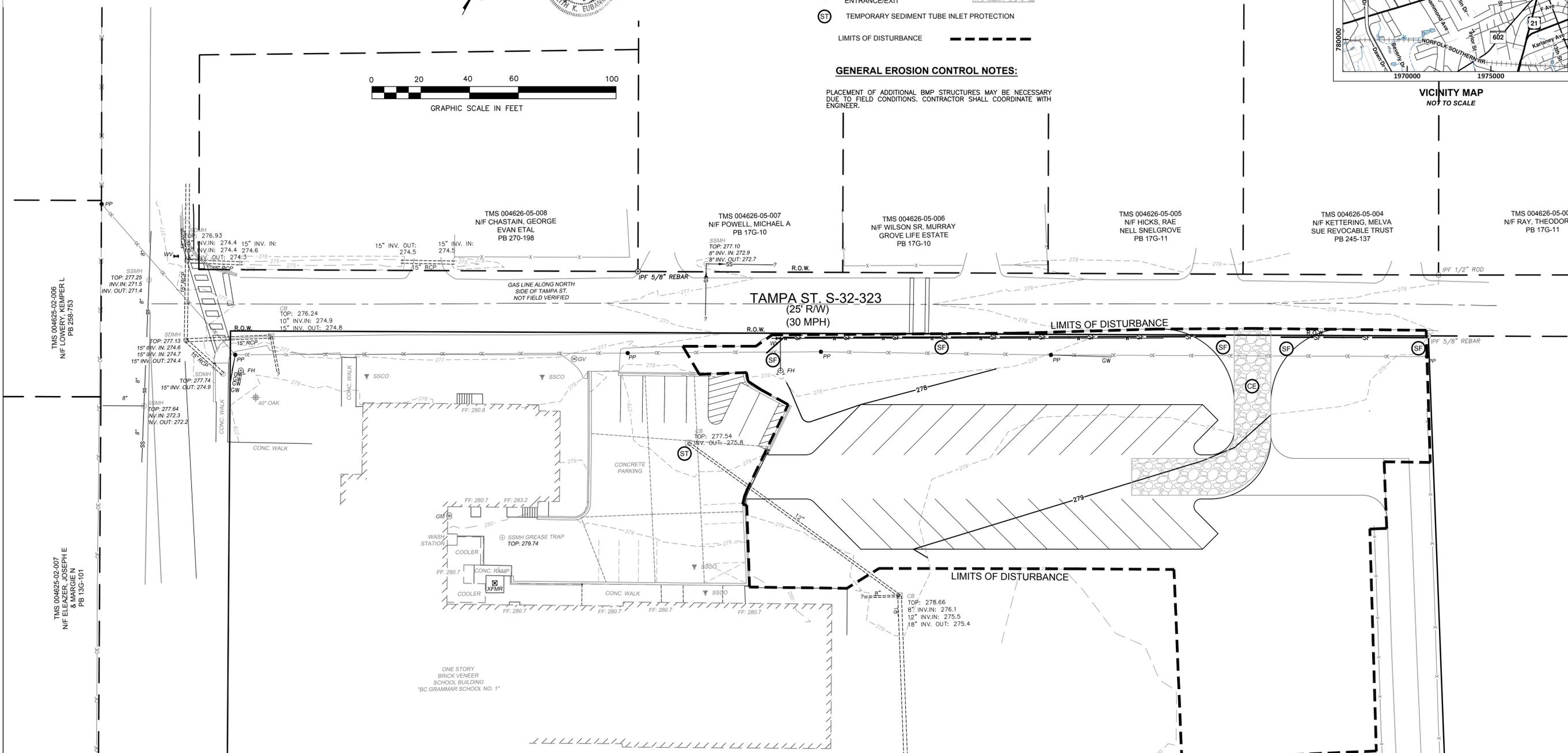
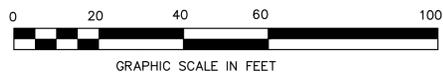
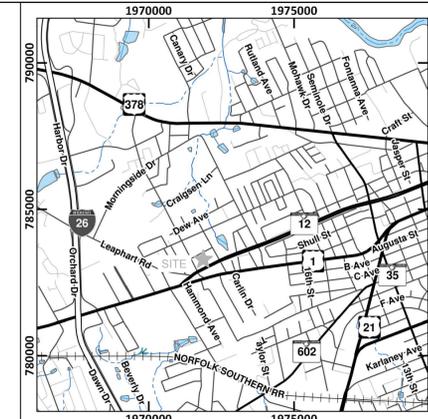
- (SF) TEMPORARY SILT FENCE PROTECTION
- (CE) TEMPORARY CONSTRUCTION ENTRANCE/EXIT
- (ST) TEMPORARY SEDIMENT TUBE INLET PROTECTION
- --- LIMITS OF DISTURBANCE

GENERAL EROSION CONTROL NOTES:

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

REFERENCES

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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
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BID DOCUMENTS

No	Description	Date

DRAWN BY: KE

CHECKED BY: KE

COMM NO:

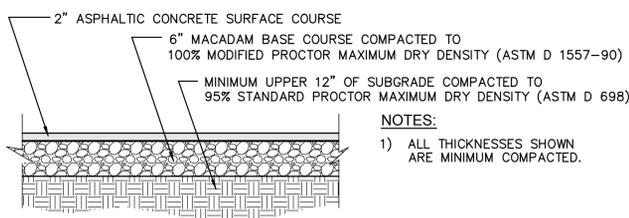
DATE: APR 29, 2019

SHEET TITLE:

**SEDIMENT &
 EROSION CONTROL
 PLAN**

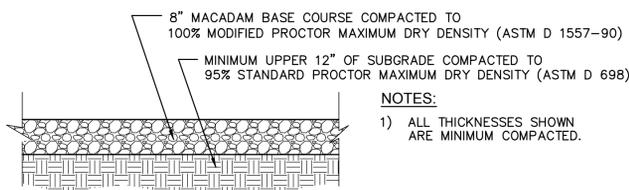
SHEET NO:

C104



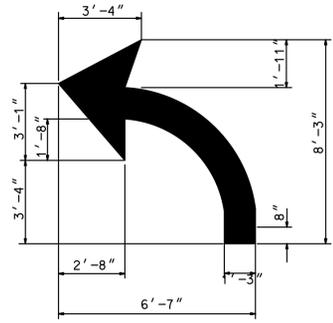
LIGHT DUTY ASPHALT PAVEMENT SECTION

NTS



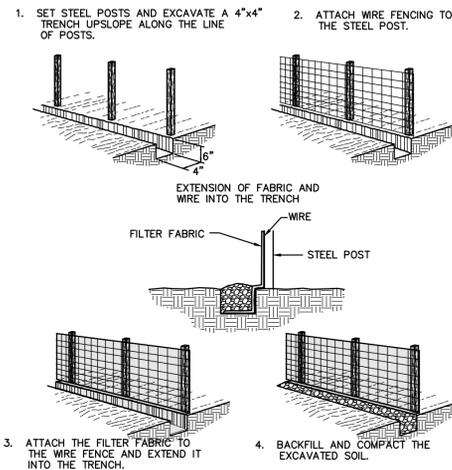
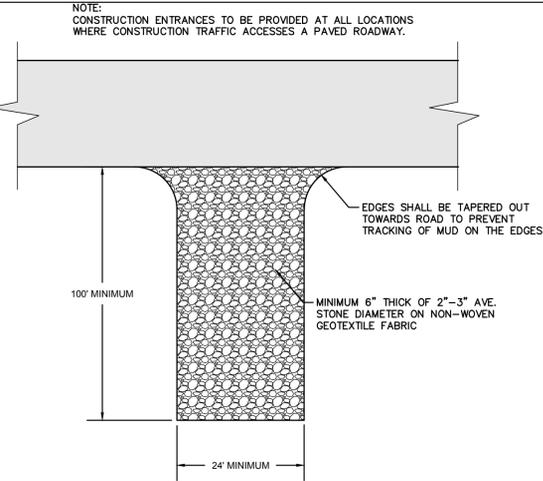
GRAVEL ROAD SECTION

NTS



SCDOT ASPHALT PAVEMENT SECTION

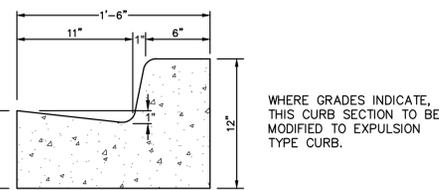
NTS



SILT FENCE NOTES:

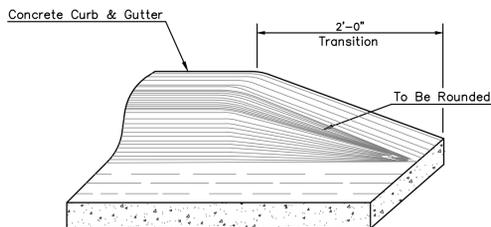
- THE HEIGHT OF A SILT FENCE SHOULD NOT EXCEED 36 INCHES. HIGHER FENCES MAY IMPOUND VOLUMES OF WATER SUFFICIENT TO CAUSE THE STRUCTURE TO FAIL.
- THE FILTER FABRIC SHOULD BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE FENCE TO AVOID THE USE OF JOINTS. WHEN JOINTS ARE NECESSARY, A FILTER CLOTH SHOULD BE SPICED 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 BACKING 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 WREDED 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 BACKING 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 SILT FENCE DETAIL



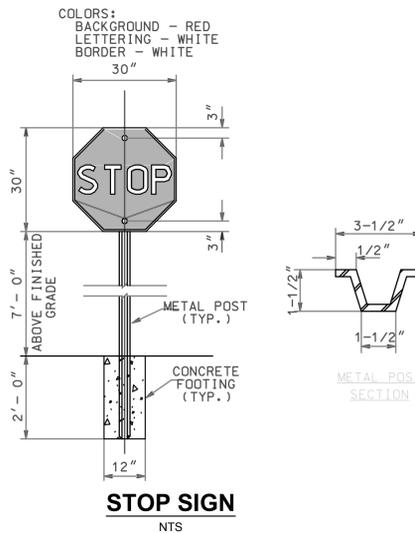
"L" TYPE CURB AND GUTTER

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



FEATHERING CURB AND GUTTER DETAIL

NTS



STOP SIGN

NTS

Plant Selection
Plant 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 agency recommendations often result in an 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:
 1. In mixtures with temporary cover, the full seeding rate of permanent cover shall be used.
 2. Mix ratios 2 or more long term species plus short term species. For notes other than optimum, call the Lexington Soil and Water Conservation District, (803) 358-3165 ext. 3.
 3. A legume, such as clover, crown vetch, and sericea should be used where it is possible.
 4. 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 disked for optimal aeration. If the soil is compacted more than 8-inches, it should be sub-soiled and disked.

Soil Testing
Information and test provider is available from the PW/SWD and the Soil and Water Conservation District Office.

Lime
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 disk 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 cyclone spreaders, rotary spreaders, drop spreaders, broadcast spreaders, hand spreaders, outboard spreader, and hand-seeders. Cover applied seed by rolling or dragging a chain brush mat, and then lightly firm the area with a roller or outboard. Do not roll seed that is applied with a hand-seeder and tractor-pull.

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. 70% 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 applied areas of controlled areas 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.

Re-seeding
Inspect permanently seeded areas for failure, make necessary repairs and re-seed or overseed within the same growing season if desirable. If the grass cover is sparse or patchy, re-evaluate the choice of grass and quantities of lime and fertilizer applied. If the permanent seeding has less than 40% cover, have the soil tested to determine any acidity or nutrient deficiencies problems. Final stabilization by permanent seeding of the site requires that it be covered by a 70% coverage rate.

Post-Stabilization
Once areas stabilized they can be converted to native species or for establishing a non-erotic, level site. Table 3.16 lists some native species of Lexington County that can be used.

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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 (K1Y3) Alone		August 15 - October	Seldom seeded alone, not for dry or wet sites
Fescue, Tall (K1Y3) Mix*	20	August 15 - October	Seldom seeded alone, not for dry or wet sites
Sericeo 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/CUT 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 Legume)	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

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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. STRUCTURE 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 WAY 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 HAS 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 SUPERVISION OF A 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 AND OBTAIN APPROVAL OF AN INDIVIDUAL PLAN IN ACCORDANCE WITH S.C. REG. 72-300 ET SEQ. AND SCR100000.
- 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 OUTFALLS.
- 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 AREAS 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 PREVENT 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 CLEANED, 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 OF STUCCO, PAINT, FORM 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.

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

BID DOCUMENTS

No	Description	Date

DRAWN BY: KE
CHECKED BY: KE
COMM NO:
DATE: APR 29, 2019
SHEET TITLE:

DETAILS
SHEET NO: C501

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