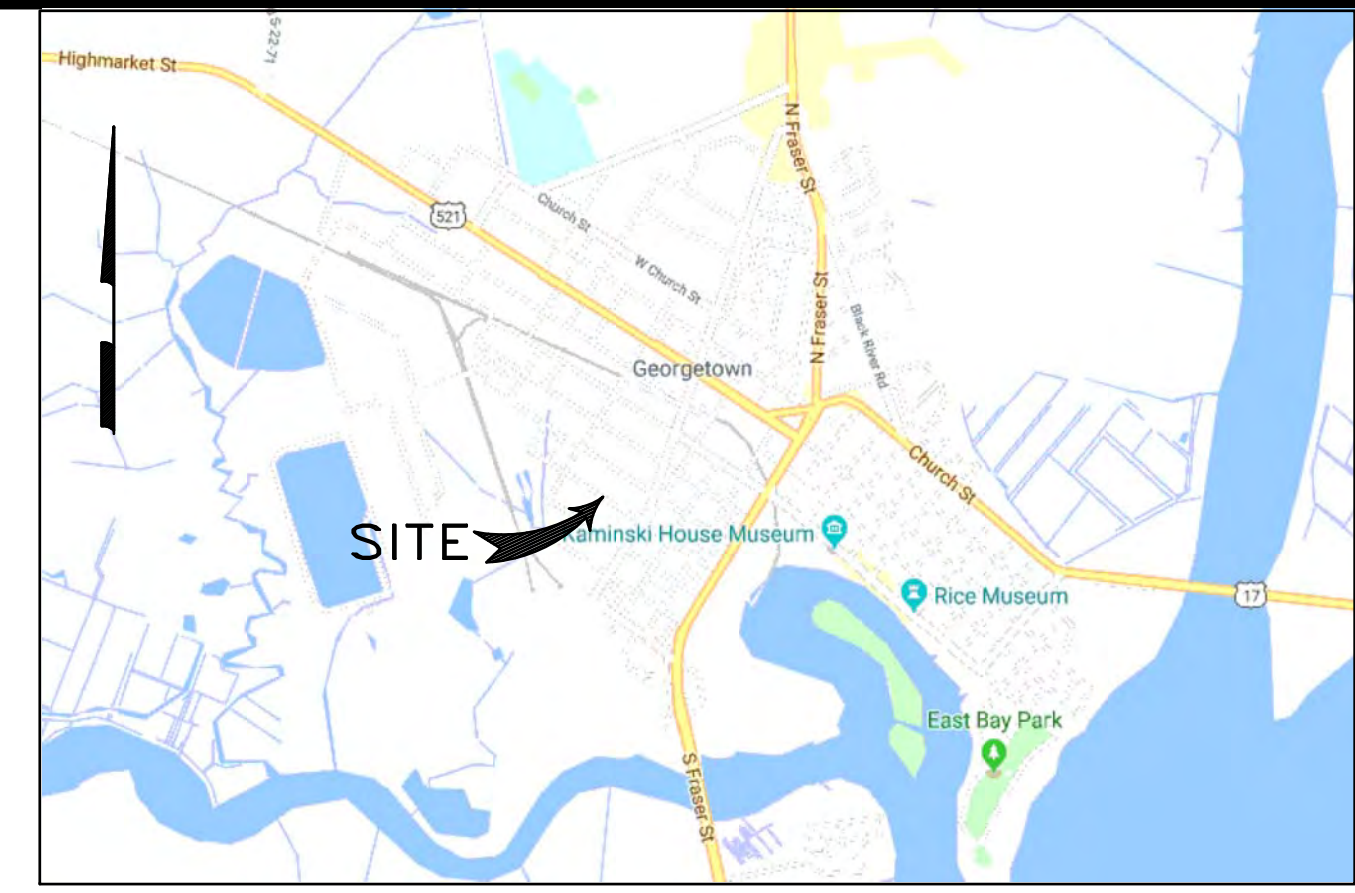


SIDEWALK PROGRAM, GILBERT STREET PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)



LOCATION MAP
N.T.S.



**CITY OF GEORGETOWN
GEORGETOWN, SOUTH CAROLINA**

APRIL 16, 2020

Prepared By:



Post Office Box 3706
Florence, South Carolina 29502
Ph. (843) 495-7452

**SCDOT
Permit # 233701**

APPROVED
By Marcus E. Clore, PLS at 11:49 am, Apr 16, 2020

| PLAN INDEX | | | |
|------------|----------------------|------|---------|
| SHT. NO. | TITLE | REV. | DATE |
| G1 | COVER SHEET | 0 | 4/16/20 |
| G2 | STANDARD NOTES | 0 | 4/16/20 |
| G3 | SCDOT STANDARD NOTES | 0 | 4/16/20 |

| | | | |
|-----|--|---|---------|
| C1 | OVERALL SITE PLAN | 0 | 4/16/20 |
| C2 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C3 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C4 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C5 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C6 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C7 | PROPOSED SITE PLAN | 0 | 4/16/20 |
| C8 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C9 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C10 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C11 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C12 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C13 | GRADING, DRAINAGE & EROSION CONTROL PLAN | 0 | 4/16/20 |
| C14 | SITE DETAILS | 0 | 4/16/20 |
| C15 | SCDOT STANDARD DRAWINGS | 0 | 4/16/20 |
| C16 | SCDOT STANDARD DRAWINGS | 0 | 4/16/20 |
| C17 | SCDOT STANDARD DRAWINGS | 0 | 4/16/20 |

| PROJECT CONTACTS | | |
|-----------------------|----------------------------|----------------|
| CONTACT NAME | UTILITY DEPT./ COMPANY | PHONE NO. |
| ORLANDO ARTEAGA, P.E. | CITY ENGINEER | (843) 545-4501 |
| TIM CHATMAN | PUBLIC WORKS | (843) 545-4702 |
| WILL GUNTER | WATER UTILITIES | (843) 545-4505 |
| ALAN LOVELESS, P.E. | ELECTRIC UTILITIES | (843) 545-4600 |
| SC811 | UTILITIES LOCATION SERVICE | 811 |

| | | | | |
|-----------------|-----|------------------------|----|--|
| | REV | DESCRIPTION | BY | COVER SHEET SHEET NUMBER : G1 SHEET 1 OF 16 |
| | 0 | ISSUE FOR CONSTRUCTION | BC | |
| DRAWN BY: BC | | CHKD BY: BC | | |
| DATE : 12/11/19 | | REV. : 4/16/20 | | |
| FILE: C1913.dwg | | | | |

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

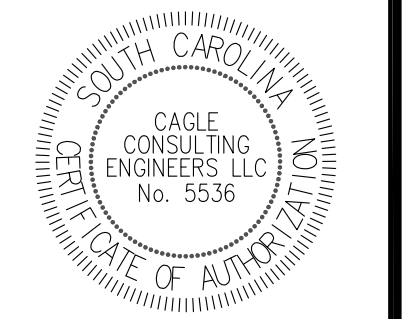
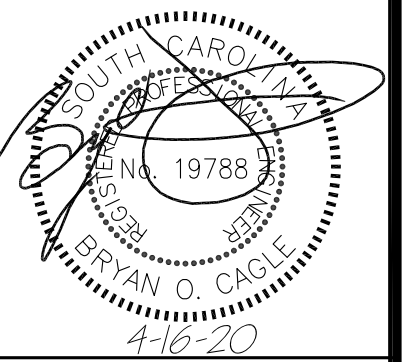
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

SEQUENCE OF CONSTRUCTION

1. INSTALL TEMPORARY SILT FENCE AND OTHER EROSION CONTROL BMPS AS SHOWN ON THE GRADING & EROSION CONTROL PLANS.
2. RELOCATE EXISTING SIGNAGE, FENCING, UTILITY POLES, POSTS, MAILBOXES OR OTHER STRUCTURES AS SHOWN ON PLANS.
3. SAWCUT, DEMOLISH AND REMOVE EXISTING CONCRETE AND ASPHALT AS REQUIRED PER SITE PLANS.
4. STRIP TOPSOIL AND ANY UNSUITABLE SOILS FROM AREAS OF THE NEW CONCRETE SIDEWALKS. DISTURB ONLY THE LENGTH OF SIDEWALK TO BE POURED IN (1) ONE DAY.
5. INSTALL STORM DRAINAGE.
6. GRADE SIDEWALK AREA TO SUBGRADES AS REQUIRED PER GRADING PLANS.
7. FORM AND POUR NEW CONCRETE SIDEWALK.
8. MATCH GRADE AT ALL STREET CROSSINGS AND DRIVEWAYS.
9. BACKFILL SHOULDERS ALONG SIDEWALK WITH CLEAN TOPSOIL AS REQUIRED.
10. INSTALL PAVEMENT MARKINGS AS SHOWN ON PLANS.
11. CLEANUP TRASH AND MATERIALS FROM THE SITE.
12. SEED AND MULCH ALL DISTURBED AREAS TO BE GRASSED. IF HYDROSEEDING, DO NOT SPRAY HYDROSEED MIX ON NEW CONCRETE SIDEWALKS, OTHER PAVEMENTS OR STRUCTURES.
13. ESTABLISH 70% GRASSING STABILIZATION ON DISTURBED AREAS NEXT TO THE NEW CONCRETE SIDEWALK.
14. REMOVE TEMPORARY EROSION CONTROL BMPS.
15. FINAL CLEANUP OF THE SITE.
16. FINAL INSPECTION BY THE CIVIL ENGINEER AND THE CITY OF GEORGETOWN ENGINEERING DEPARTMENT.

STANDARD NOTES

1. 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.
2. 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.
3. All sediment and erosion control devices shall be inspected once every calendar week. If periodic inspection or other information indicates that a BMP has been inappropriately or incorrectly installed, the Permittee must address the necessary replacement or modification required to correct the BMP within 48 hours of identification.
4. 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 sediment before being pumped back into any waters of the State.
5. 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.
6. The contractor must take necessary action to minimize the tracking of mud onto paved roadway(s) from construction areas and the generation of dust. The contractor shall daily remove mud/soil from pavement, as may be required.
7. 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 SCR100000.
8. 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.
9. 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 should be maintained between the last row of silt fence and all WoS.
10. 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.
11. A copy of the SWPPP, inspections records, and rainfall data must be retained at the construction site or a nearby location easily accessible during normal business hours, from the date of commencement of construction activities to the date that final stabilization is reached.
12. Initiate stabilization measures on any exposed steep slope (3H:1V or greater) where land-disturbing activities have permanently or temporarily ceased, and will not resume for a period of 7 calendar days.
13. Minimize soil compaction and, unless infeasible, preserve topsoil.
14. 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;
15. Minimize the discharge of pollutants from dewatering of trenches and excavated areas. These discharges are to be routed through appropriate BMPs (sediment basin, filter bag, etc.).
16. The following discharges from sites are prohibited:
 - Wastewater from washout of concrete, unless managed by an appropriate control;
 - Wastewater from washout and 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.
17. After construction activities begin, inspections must be conducted at a minimum of at least once every calendar week and must be conducted until final stabilization is reached on all areas of the construction site.
18. If existing BMPs need to be modified or if additional BMPs are necessary to comply with the requirements of this permit and/or SC's Water Quality Standards, implementation must be completed before the next storm event whenever practicable. If implementation before the next storm event is impracticable, the situation must be documented in the SWPPP and alternative BMPs must be implemented as soon as reasonably possible.
19. A Pre-Construction Conference must be held for each construction site with an approved On-Site SWPPP prior to the implementation of construction activities. For non-linear projects that disturb 10 acres or more this conference must be held on-site unless the Department has approved otherwise.



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

STANDARD NOTES

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |
| | | |
| | | |
| | | |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV.: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg

SHEET NUMBER:

G2

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

ENCROACHMENT PERMIT GENERAL PROVISIONS:

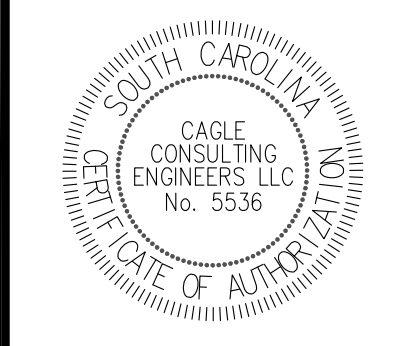
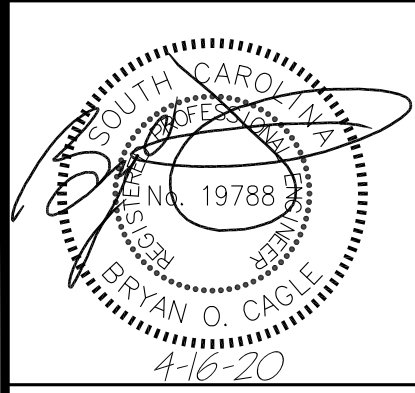
1. DEFINITIONS: THE WORD "PERMITEE" USED HEREIN SHALL MEAN THE NAME OF THE PERSON, FIRM, OR CORPORATION TO WHOM THIS PERMIT IS ADDRESSED, HIS, HER, ITS, HEIRS, PERSONAL REPRESENTATIVES, SUCCESSORS AND ASSIGNS. THE WORD "DEPARTMENT" SHALL MEAN THE SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION.
2. NOTICE PRIOR TO STARTING WORK: BEFORE STARTING THE WORK CONTEMPLATED HEREIN WITHIN THE LIMITS OF THE HIGHWAY RIGHT OF WAY, THE DEPARTMENT'S RESIDENT MAINTENANCE ENGINEER IN THE COUNTY IN WHICH THE PROPOSED WORK IS LOCATED SHALL BE NOTIFIED 24 HOURS IN ADVANCE SO THAT HE MAY BE PRESENT WHILE THE WORK IS UNDER WAY.
3. PERMIT SUBJECT TO INSPECTION: THIS PERMIT SHALL BE KEPT AT THE SITE OF THE WORK AT ALL TIMES WHILE SAID WORK IS UNDER WAY AND MUST BE SHOWN TO ANY REPRESENTATIVE OF THE DEPARTMENT OR LAW ENFORCEMENT OFFICER ON DEMAND.
4. PROTECTION OF HIGHWAY TRAFFIC: THE APPLICANT SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE HIGHWAY TRAFFIC AT ALL TIMES DURING THE CONSTRUCTION, MAINTENANCE, REMOVING OR MOVING OF THE ENCROACHMENT PERMITTED HEREIN. DETOURS, BARRICADES, WARNING SIGNS AND FLAGMEN, AS NECESSARY, SHALL BE PROVIDED BY AND AT THE EXPENSE OF THE PERMITEE AND SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). THE WORK SHALL BE PLANNED AND CARRIED OUT SO THAT THERE WILL BE THE LEAST POSSIBLE INCONVENIENCE TO THE MOTORING PUBLIC. THE PERMITEE AGREES TO OBSERVE ALL RULES AND REGULATIONS OF THE DEPARTMENT WHILE CARRYING ON THE WORK CONTEMPLATED HEREIN AND TAKE ALL OTHER PRECAUTIONS THAT CIRCUMSTANCES WARRANT.
5. STANDARDS OF CONSTRUCTION: ALL WORK SHALL CONFORM TO THE DEPARTMENT'S STANDARDS OF CONSTRUCTION AND SHALL BE PERFORMED IN A WORKMAN-LIKE MANNER. THE APPLICANT SHALL MAKE ADEQUATE PROVISIONS FOR MAINTAINING THE PROPER DRAINAGE OF THE HIGHWAY AS IT MAY BE AFFECTED BY THE ENCROACHMENT PERMITTED HEREIN. ALL WORK SHALL BE SUBJECT TO THE SUPERVISION AND SATISFACTION OF THE DEPARTMENT.
6. FUTURE MOVING OF PHYSICAL APPURTENANCES: IF, IN THE OPINION OF THE STATE HIGHWAY ENGINEER, IT SHOULD EVER BECOME NECESSARY TO MOVE OR REMOVE THE PHYSICAL APPURTENANCES, OR ANY PART THEREOF CONTEMPLATED HEREIN, ON ACCOUNT OF CHANGE IN LOCATION OF THE HIGHWAY, WIDENING OF THE HIGHWAY, OR FOR ANY OTHER SUFFICIENT REASON, SUCH MOVING SHALL BE DONE ON DEMAND OF THE DEPARTMENT AT THE EXPENSE OF THE PERMITEE.
7. RESTORATION OF HIGHWAY FACILITIES UPON MOVING OR REMOVING OF PHYSICAL APPURTENANCES: IF, ND WHEN, THE PHYSICAL APPURTENANCES CONTEMPLATED HEREIN SHALL BE MOVED OR REMOVED, EITHER ON THE DEMAND OF THE DEPARTMENT OR AT THE OPTION OF THE PERMITEE, THE HIGHWAY AND FACILITIES SHALL IMMEDIATELY BE RESTORED TO THEIR ORIGINAL CONDITION AT THE EXPENSE OF THE PERMITEE.
8. COSTS: ALL WORK IN CONNECTION WITH THE CONSTRUCTION, MAINTENANCE, MOVING OR REMOVING OF THE PHYSICAL APPURTENANCES CONTEMPLATED HEREIN SHALL BE DONE BY AND AT THE EXPENSE OF THE PERMITEE.
9. ADDITIONAL PERMISSIONS:
 - (A) IT IS DISTINCTLY UNDERSTOOD THAT THIS PERMIT DOES NOT IN ANY WAY GRANT OR RELEASE ANY RIGHTS LAWFULLY POSSESSED BY THE ABUTTING PROPERTY OWNERS. THE PERMITEE SHALL SECURE ANY SUCH RIGHTS, AS NECESSARY, FROM SAID ABUTTING PROPERTY OWNERS.
 - (B) THE PERMITEE SHALL BE RESPONSIBLE FOR OBTAINING ALL OTHER APPROVALS OR PERMITS NECESSARY FOR INSTALLATION OF THE ENCROACHMENT FROM OTHER GOVERNMENT ENTITIES.
 - (C) THERE SHALL BE NO EXCAVATION OF SOIL NEARER THAN TWO FEET TO ANY PUBLIC UTILITY LINE OR APPURTENANT FACILITY EXCEPT WITH THE CONSENT OF THE OWNER THEREOF, OR EXCEPT UPON SPECIAL PERMISSION OF THIS DEPARTMENT AFTER AN OPPORTUNITY TO BE HEARD IS GIVEN THE OWNER OF SUCH LINE OR APPURTENANT FACILITY.

ENCROACHMENT PERMIT GENERAL PROVISIONS (CONTINUED):

10. ADDITIONAL WORK PERFORMANCE:
 - (A) ALL CROSSINGS OVER THE HIGHWAY SHALL BE CONSTRUCTED IN ACCORDANCE WITH "SPECIFICATIONS FOR OVERHEAD CROSSINGS OF LIGHT AND POWER TRANSMISSION LINES AND TELEGRAPH LINES OVER EACH OTHER AND OVER HIGHWAY RIGHTS OF WAY IN SOUTH CAROLINA," AS APPROVED BY THE PUBLIC SERVICE COMMISSION OF SOUTH CAROLINA AND EFFECTIVE AS OF DATE OF THIS PERMIT.
 - (B) ALL TUNNELING, BORING, OR JACKING SHALL BE DONE IN SUCH A WAY AS NOT TO DISTURB THE HIGHWAY SURFACING.
 - (C) NO PAVEMENT SHALL BE CUT UNLESS SPECIFICALLY AUTHORIZED HEREIN.
 - (D) NO EXCAVATION SHALL BE NEARER THAN THREE FEET TO THE EDGE OF PAVEMENT UNLESS SPECIFICALLY AUTHORIZED HEREIN.
 - (E) UNDERGROUND FACILITIES WILL BE LOCATED AT MINIMUM DEPTHS AS DEFINED IN THE "UTILITY ACCOMMODATIONS MANUAL" FOR THE TRANSMITTANT, GENERALLY AS FOLLOWS: 4 FEET MINIMUM FOR HAZARDOUS OR DANGEROUS TRANSMITTANT, 3 FEET MINIMUM FOR OTHER LINES. THE DEPARTMENT MAY APPROVE SHALLOWER DEPTHS IF ADEQUATE PROTECTION IS PROVIDED. SUCH APPROVAL MUST BE OBTAINED IN WRITING.
 - (F) SERVICE AND OTHER SMALL DIAMETER PIPES SHALL BE JACKED, DRIVEN, OR OTHERWISE FORCED UNDERNEATH THE PAVEMENTS ON ANY SURFACED ROAD WITHOUT DISTURBING THE PAVEMENT. THE SECTION UNDER THE HIGHWAY PAVEMENT AND WITHIN A DISTANCE OF THREE (3) FEET ON EITHER SIDE SHALL BE CONTINUOUS WITHOUT JOINTS.
11. ACCESS:
 - (A) PERMITEE IS RESPONSIBLE FOR MAINTAINING REASONABLE ACCESS TO PRIVATE DRIVEWAYS DURING CONSTRUCTION.
 - (B) IT IS EXPRESSLY PROVIDED THAT, WITH RESPECT TO ANY LIMITED ACCESS HIGHWAY, THE PERMITEE SHALL NOT HAVE OR GAIN ACCESS FROM THE MAIN TRAVELED WAY OF THE HIGHWAY, OR THE ON OR OFF RAMP TO SUCH FACILITY, EXCEPT UPON APPROVAL BY THE DEPARTMENT.
12. DRIVEWAYS:
 - (A) THE EXISTING CROWN OF THE HIGHWAY SHALL BE CONTINUED TO THE OUTSIDE SHOULDER LINE OF THE HIGHWAY.
 - (B) IF THE DRIVEWAY OR APPROACH IS CONCRETE PAVEMENT, THE PAVEMENT SHALL BE CONSTRUCTED AT LEAST 6 INCHES THICK AND WITH A MINIMUM OF CLASS 2500 CONCRETE. THERE SHALL BE A BITUMINOUS EXPANSION JOINT, NOT LESS THAN 3/4 INCHES IN THICKNESS, PLACED BETWEEN THE HIGHWAY PAVING AND THE PAVING OF THE APPROACH FOR THE FULL WIDTH OF THE APPROACH.
13. BEAUTIFICATION:
 - (A) ALL TREES, PLANTS, FLOWERS, ETC. SHALL BE PLACED IN ACCORDANCE WITH THE PROVISIONS SPECIFICALLY STIPULATED HEREIN.
 - (B) ALL TREES, PLANTS, FLOWERS, ETC. SHALL BE MAINTAINED BY, AND AT THE EXPENSE OF, THE PERMITEE AND THE PROVISIONS OF THIS PERMIT SHALL BECOME NULL AND VOID, IF AND WHEN SAID PERMITEE CEASES TO MAINTAIN AID TREES, PLANTS, FLOWERS, ETC.
14. AS-BUILT PLANS:
 - (A) THE APPLICANT SHALL PROVIDE THE DEPARTMENT WITH SURVEY-QUALITY AS-BUILT PLANS IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE DEPARTMENT'S "A POLICY FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS OF WAY".

ENCROACHMENT PERMIT SPECIAL PROVISIONS:

- SCDOT PERMIT NUMBER 233701, APPROVED ON 4/16/2020, EXPIRES: 4/16/2021.
- 0003 – WHEN ROADS ARE RESURFACED, SHOULDERS SHALL BE REGRADED TO THE EDGE OF PAVEMENT TO CONFORM TO THE DEPARTMENT SPECIFICATIONS.
 - 0004 – SCDOT SHALL BE NOTIFIED WHEN WORK DEFINED IN THE PERMIT STARTS AS WELL AS WHEN THE WORK IS COMPLETED. REFERENCE SHALL BE MADE BY PERMIT NUMBER.
 - 0123 – ALL WORK PERFORMED IN CONNECTION WITH THIS PERMIT SHALL CONFORM TO THE SCDOT "A POLICY FOR ACCOMODATING UTILITIES ON HIGHWAY RIGHT-OF-WAY" MOST CURRENT EDITION.
 - 0210 – ALL SIDEWALKS TO INCLUDE AT DRIVEWAY RADIUS SHALL MEET (ADAAG) AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES.
 - 0309 – THE PERMITEE SHALL MAKE THE INSTALLATION UNDER THE SUPERVISION OF THE DEPARTMENT AND SHALL NOT BLOCK TRAFFIC AT ANY TIME.
 - 0310 – FIELD CHANGES, IF NECESSARY, MUST BE APPROVED IN WRITING BEFORE ACTUAL CONSTRUCTION OF PROPOSED CHANGES.
 - 0312 – THE PERMITEE SHALL HOLD THE DEPARTMENT HARMLESS FOR DAMAGES TO BOTH UPSTREAM AND DOWNSTREAM PROPERTIES.
 - 0316 – ALL NON-PERMITTED OBJECTS ON THE RIGHT-OF-WAY, WHICH MUST BE REMOVED, SHALL NOT BE REPLACED ON THE RIGHT-OF-WAY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
 - 0318 – THE APPLICANT SHALL BE RESPONSIBLE FOR IMMEDIATE REMOVAL OF SUCH TRAFFIC HAZARDS AS MUD, DEBRIS, LOOSE STONE, AND TRASH AS MAY BE WASHED OR SPILLED ON THE TRAVELED ROADWAY AS A RESULT OF THE PROPOSED WORK.



**SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC**

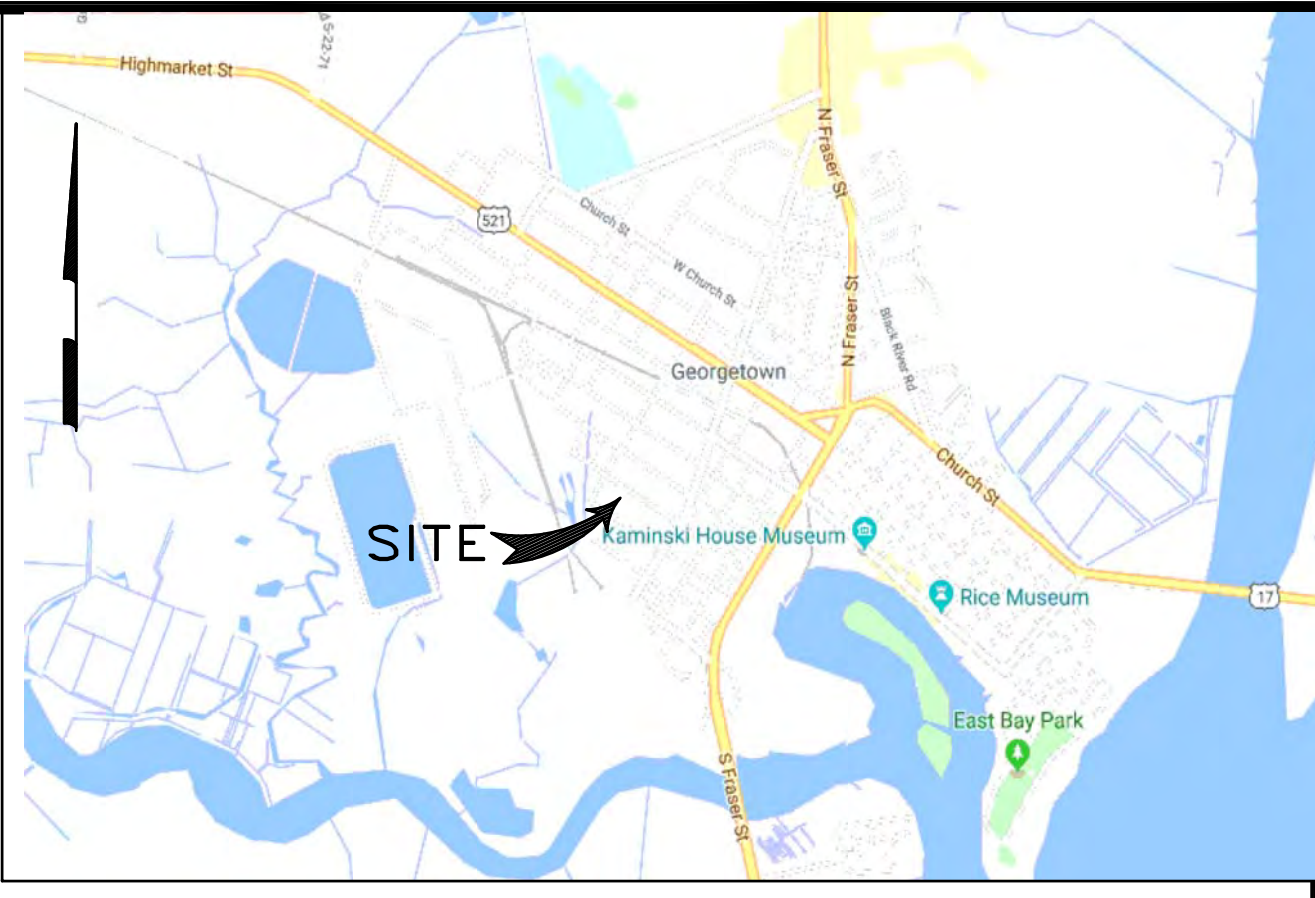
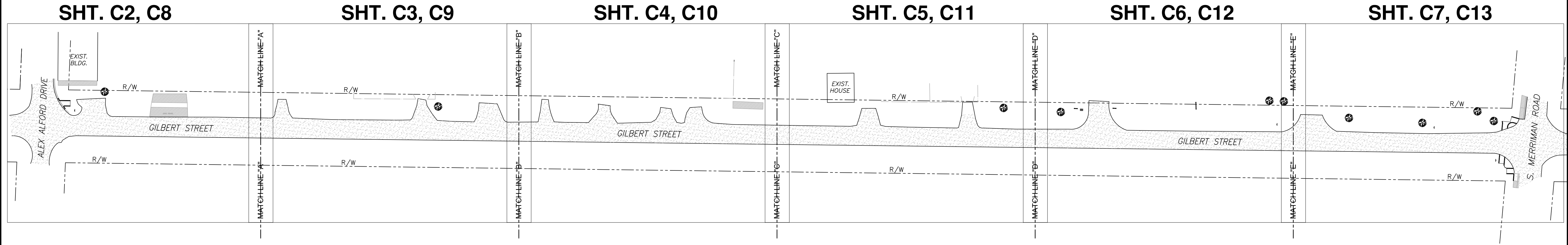
**SCDOT
STANDARD NOTES**

| REV | DESCRIPTION | BY |
|-----|----------------------|----|
| A | ISSUE FOR PERMITTING | BC |
| | | |
| | | |

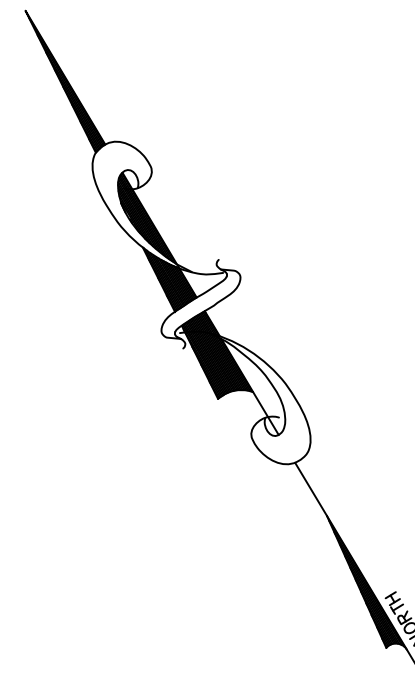
| | |
|-----------------|---------------|
| DRAWN BY: BC | CHK'D BY: BC |
| DATE: 4/16/20 | REV.: - |
| SCALE: AS SHOWN | PROJ.#: C1913 |
| FILE: C1913.dwg | |

SHEET NUMBER:
G3

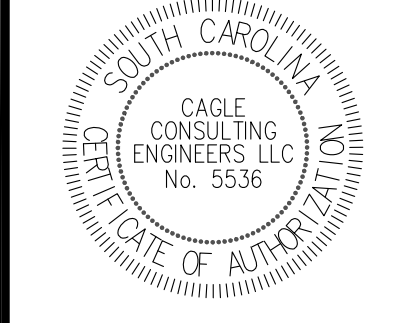
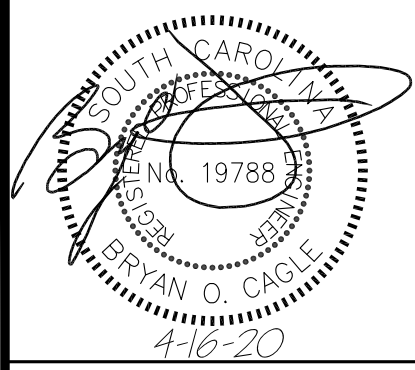
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.



LOCATION MAP
N.T.S.



CAGLE CONSULTING ENGINEERS LLC
PLANNING & DESIGN
2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
Ph. (843) 495-7452
cagleengr@gmail.com



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

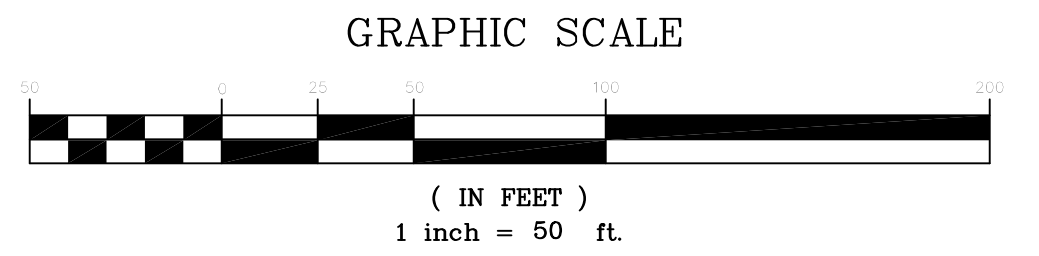
OVERALL SITE PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
DATE: 12/11/19 REV.: 4/16/20
SCALE: AS SHOWN PROJ.#: C1913
FILE: C1913.dwg

SHEET NUMBER:
C1

THE EXISTING SURVEY INFORMATION PRESENTED ON THESE DRAWINGS WAS TAKEN FROM A SURVEY FOR PROPOSED SIDEWALKS ON GILBERT STREET, CITY OF GEORGETOWN, GEORGETOWN COUNTY, SOUTH CAROLINA. JOB NO. 19960, DATED DECEMBER 9, 2019, SURVEYED BY NESBITT SURVEYING CO., INC., DAVID A. NESBITT, RLS NO 7623, 4340 ALLIGATOR ROAD, TIMMONSVILLE, S.C. 29161, TEL: (843) 346-3302



OVERALL SITE PLAN

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

THE EXISTING SURVEY INFORMATION PRESENTED ON THESE DRAWINGS WAS TAKEN FROM A SURVEY FOR PROPOSED SIDEWALKS ON GILBERT STREET, CITY OF GEORGETOWN, GEORGETOWN COUNTY, SOUTH CAROLINA. JOB NO. 19960, DATED DECEMBER 9, 2019, SURVEYED BY NESBITT SURVEYING CO., INC., DAVID A. NESBITT, RLS NO 7623, 4340 ALLIGATOR ROAD, TIMMONSVILLE, S.C. 29161, TEL: (843) 346-3302

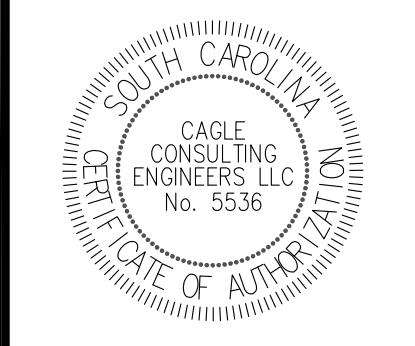
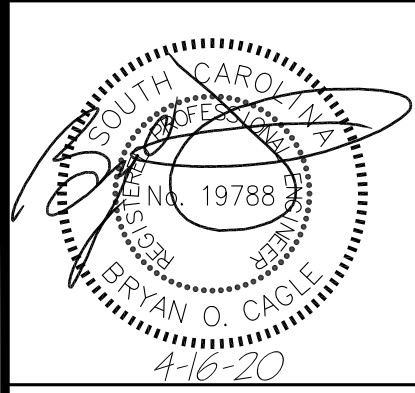
South Carolina 811
CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS LLC
 PLANNING & DESIGN

2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
cagleengr@gmail.com

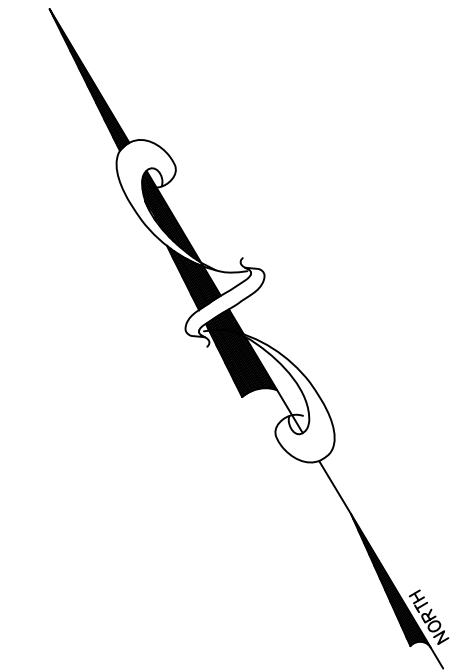
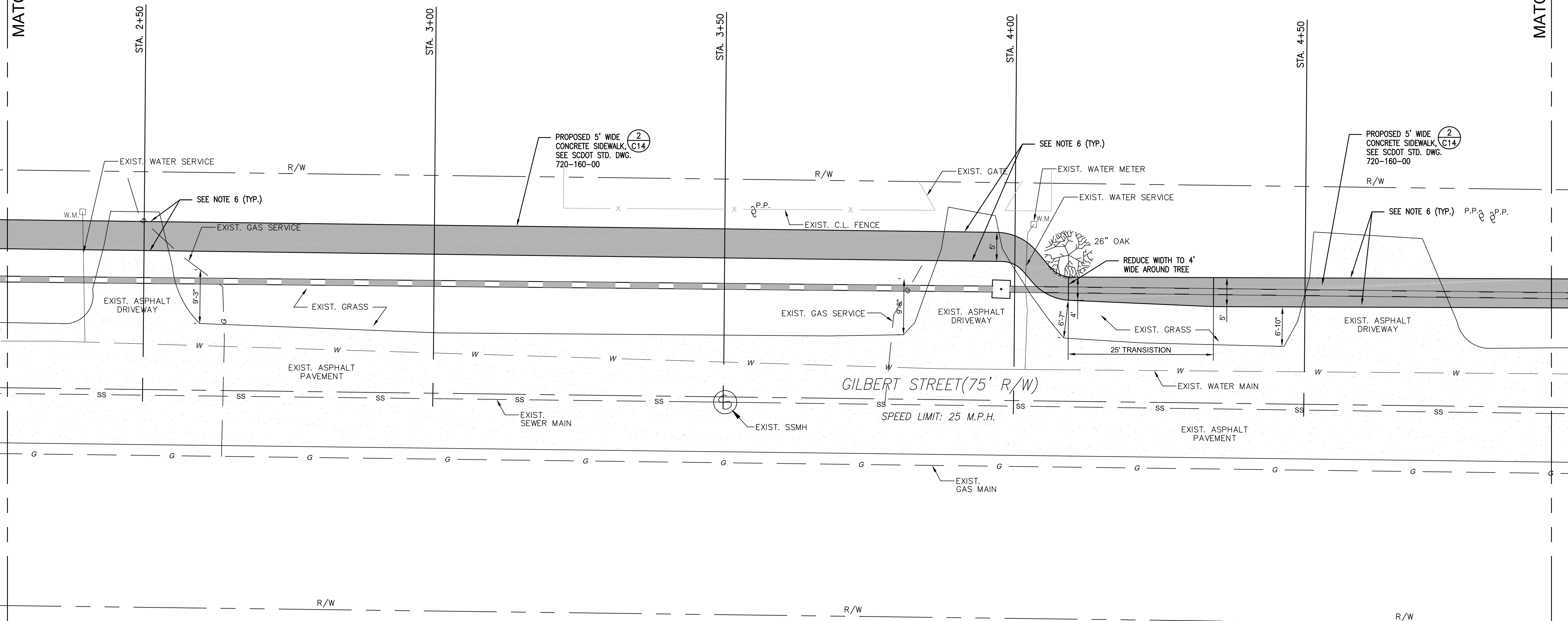


MATCHLINE "A"

MATCHLINE "B"

MATCHLINE "A"

MATCHLINE "B"



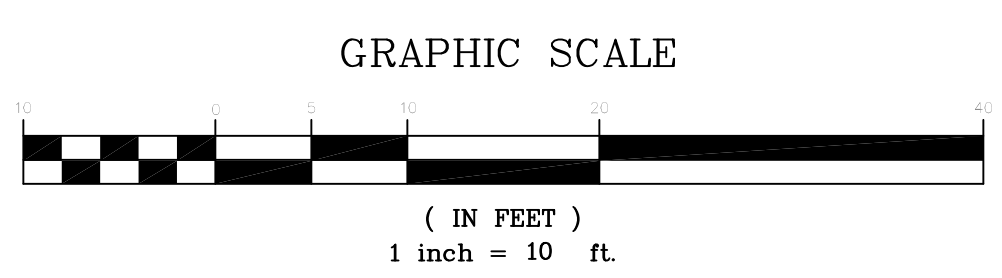
| EXISTING | | NEW | |
|----------|-------------------------|-----|-----------------------|
| | PROPERTY LINE | | TREES |
| | BUILDING | | ASPHALT PAVEMENT |
| | CONCRETE PAVT./SIDEWALK | | CURB AND GUTTER (C&G) |
| | DRAIN INLET | | STORM DRAIN |
| | WATER LINE | | SANITARY SEWER |
| | OVERHEAD ELECTRICAL | | MANHOLE |
| | CLEANOUT | | FIRE HYDRANT |
| | WATER VALVE | | WATER METER |
| | POWER POLE | | FENCE |

- GENERAL NOTES**
- DIMENSIONS SHOWN ARE TO FACE OF WALL, BACK OF CURB OR EDGE OF ROAD/PAVEMENT, WHICHEVER IS APPLICABLE.
 - CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY TO HAVE ALL UTILITIES MARKED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES IN THE PROJECT AREA BEFORE EXCAVATING.
 - THE CONTRACTOR SHALL TAKE EXTREME CAUTION TO PROTECT EXISTING UTILITIES. NOTIFY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. CALL BRYAN CAGLE AT 843-495-7452.
 - ALL NEW PAVEMENTS SHALL HAVE A STRAIGHT, CLEAN AND VERTICAL EDGE FOR PLACEMENT AND SHALL BE COMPACTED ACCORDING TO SPECIFICATIONS WHERE NEW PAVEMENTS ADJUT EXISTING PAVEMENTS OR STRUCTURES. NO ASPHALT OR CONCRETE SHALL BE PLACED, POURED OR SPLASHED ONTO EXISTING PAVEMENTS OR STRUCTURES. THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN OR REPLACE EXISTING PAVEMENTS OR STRUCTURES IF THIS OCCURS.
 - REMOVE AND RELOCATE ALL SIGNS, MAILBOX POSTS, FENCING, POSTS AND OTHER STRUCTURES AS NECESSARY.
 - SAWCUT A STRAIGHT, CLEAN, VERTICAL EDGE AT ALL LOCATIONS WHERE NEW SIDEWALK CONTIGUES THROUGH EXISTING DRIVEWAYS. DEMOLISH AND REMOVE EXISTING ASPHALT OR CONCRETE AS SHOWN.
 - DETECTABLE WARNING PADS SHALL BE INSTALLED AT ALL STREET CROSSING LOCATIONS AS SHOWN. DETECTABLE WARNING PADS SHALL BE ADA-COMPLIANT AND WET INSET TRUNCATED DOME MATS PER THE SCDOT STANDARD DRAWING 720-910-01, SEE SHEET C15. COLOR: YELLOW.
 - REFER TO OTHER CIVIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.

- SEQUENCE OF CONSTRUCTION**
- INSTALL TEMPORARY SILT FENCE AND OTHER EROSION CONTROL BMPs AS SHOWN ON THE GRADING & EROSION CONTROL PLANS.
 - RELOCATE EXISTING SIGNAGE, FENCING, UTILITY POLES, POSTS, MAILBOXES OR OTHER STRUCTURES AS SHOWN ON PLANS.
 - SAWCUT, DEMOLISH AND REMOVE EXISTING CONCRETE AND ASPHALT AS REQUIRED PER SITE PLANS.
 - STRIP TOPSOIL AND ANY UNSUITABLE SOILS FROM AREAS OF THE NEW CONCRETE SIDEWALKS. DISTURB ONLY THE LENGTH OF SIDEWALK TO BE POURED IN (1) ONE DAY.
 - INSTALL STORM DRAINAGE.
 - GRADE SIDEWALK AREA TO SUBGRADES AS REQUIRED PER GRADING PLANS.
 - FORM AND POUR NEW CONCRETE SIDEWALK.
 - MATCH GRADE AT ALL STREET CROSSINGS AND DRIVEWAYS.
 - BACKFILL SHOULDERS ALONG SIDEWALK WITH CLEAN TOPSOIL AS REQUIRED.
 - INSTALL PAVEMENT MARKINGS AS SHOWN ON PLANS.
 - CLEANUP TRASH AND MATERIALS FROM THE SITE.
 - SEED AND MULCH ALL DISTURBED AREAS TO BE GRASSED. IF HYDROSEEDING, DO NOT SPRAY HYDROSEED MIX ON NEW CONCRETE SIDEWALKS, OTHER PAVEMENTS OR STRUCTURES.
 - ESTABLISH 70% GRASSING STABILIZATION ON DISTURBED AREAS NEXT TO THE NEW CONCRETE SIDEWALK.
 - REMOVE TEMPORARY EROSION CONTROL BMPs.
 - FINAL CLEANUP OF THE SITE.
 - FINAL INSPECTION BY THE CIVIL ENGINEER, THE CITY OF GEORGETOWN ENGINEERING DEPARTMENT AND SCDOT.

- RIGHT OF WAY (R/W) NOTES:**
- ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
 - LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
 - SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
 - REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
 - REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

PROPOSED SITE PLAN



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

PROPOSED SITE PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg
 SHEET NUMBER:
C3

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "D"

MATCHLINE "D"

MATCHLINE "E"

MATCHLINE "E"

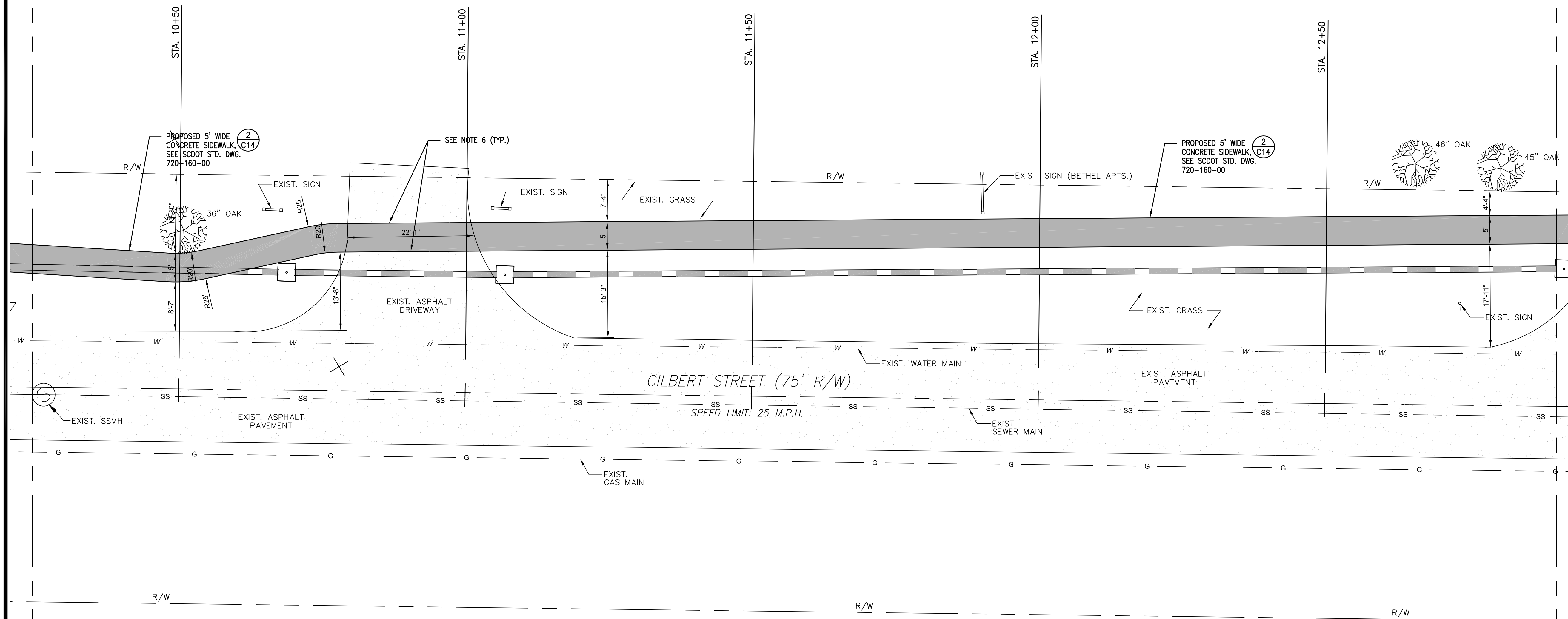
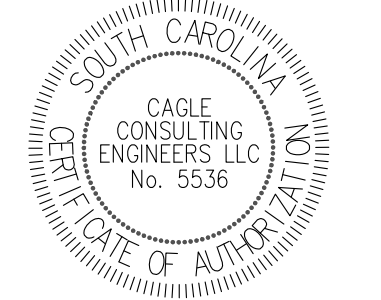
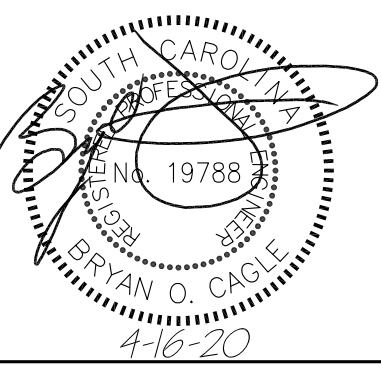
THE EXISTING SURVEY INFORMATION PRESENTED ON THESE DRAWINGS WAS TAKEN FROM A SURVEY FOR PROPOSED SIDEWALKS ON GILBERT STREET, CITY OF GEORGETOWN, GEORGETOWN COUNTY, SOUTH CAROLINA. JOB NO. 19960, DATED DECEMBER 9, 2019, SURVEYED BY NESBITT SURVEYING CO., INC., DAVID A. NESBITT, RLS NO 7623, 4340 ALLIGATOR ROAD, TIMMONSVILLE, S.C. 29161, TEL: (843) 346-3302

South Carolina 811
 CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS, LLC
 PLANNING & DESIGN
 2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



| LEGEND | |
|----------|-------------------------|
| EXISTING | NEW |
| --- | --- |
| | PROPERTY LINE |
| | TREES |
| | BUILDING |
| | ASPHALT PAVEMENT |
| | CONCRETE PAVT./SIDEWALK |
| | CURB AND GUTTER (C&G) |
| | DRAIN INLET |
| | STORM DRAIN |
| | WATER LINE |
| | SANITARY SEWER |
| | OVERHEAD ELECTRICAL |
| | MANHOLE |
| | CLEANOUT |
| | FIRE HYDRANT |
| | WATER VALVE |
| | WATER METER |
| | POWER POLE |
| | FENCE |
| | SSMH |
| | C.O. |

SEQUENCE OF CONSTRUCTION

1. INSTALL TEMPORARY SILT FENCE AND OTHER EROSION CONTROL BMPS AS SHOWN ON THE GRADING & EROSION CONTROL PLANS.
2. RELOCATE EXISTING SIGNAGE, FENCING, UTILITY POLES, POSTS, MAILBOXES OR OTHER STRUCTURES AS SHOWN ON PLANS.
3. SAWCUT, DEMOLISH AND REMOVE EXISTING CONCRETE AND ASPHALT AS REQUIRED PER SITE PLANS.
4. STRIP TOPSOIL AND ANY UNSUITABLE SOILS FROM AREAS OF THE NEW CONCRETE SIDEWALKS. DISTURB ONLY THE LENGTH OF SIDEWALK TO BE POURED IN (1) ONE DAY.
5. INSTALL STORM DRAINAGE.
6. GRADE SIDEWALK AREA TO SUBGRADES AS REQUIRED PER GRADING PLANS.
7. FORM AND POUR NEW CONCRETE SIDEWALK.
8. MATCH GRADE AT ALL STREET CROSSINGS AND DRIVEWAYS.
9. BACKFILL SHOULDERS ALONG SIDEWALK WITH CLEAN TOPSOIL AS REQUIRED.
10. INSTALL PAVEMENT MARKINGS AS SHOWN ON PLANS.
11. CLEANUP TRASH AND MATERIALS FROM THE SITE.
12. SEED AND MULCH ALL DISTURBED AREAS TO BE GRASSED. IF HYDROSEEDING, DO NOT SPRAY HYDROSEED MIX ON NEW CONCRETE SIDEWALKS, OTHER PAVEMENTS OR STRUCTURES.
13. ESTABLISH 70% GRASSING STABILIZATION ON DISTURBED AREAS NEXT TO THE NEW CONCRETE SIDEWALK.
14. REMOVE TEMPORARY EROSION CONTROL BMPS.
15. FINAL CLEANUP OF THE SITE.
16. FINAL INSPECTION BY THE CIVIL ENGINEER, THE CITY OF GEORGETOWN ENGINEERING DEPARTMENT AND SCDOT.

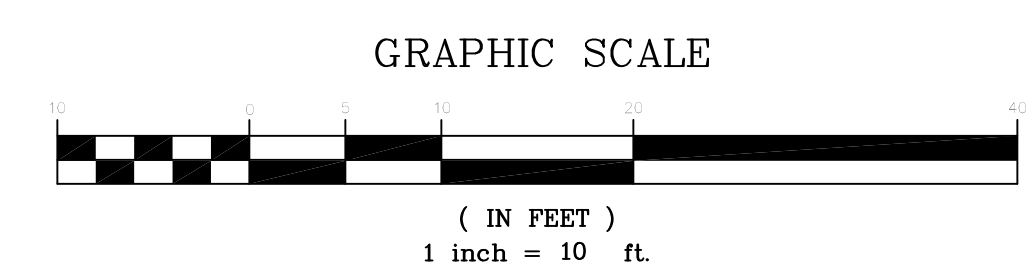
RIGHT OF WAY (R/W) NOTES:

1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GENERAL NOTES

1. DIMENSIONS SHOWN ARE TO FACE OF WALL, BACK OF CURB OR EDGE OF ROAD/PAVEMENT, WHICHEVER IS APPLICABLE.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY TO HAVE ALL UTILITIES MARKED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES IN THE PROJECT AREA BEFORE EXCAVATING.
3. THE CONTRACTOR SHALL TAKE EXTREME CAUTION TO PROTECT EXISTING UTILITIES. NOTIFY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. CALL BRYAN CAGLE AT 843-495-7452.
4. ALL NEW PAVEMENTS SHALL HAVE A STRAIGHT, CLEAN AND VERTICAL EDGE FOR PLACEMENT AND SHALL BE COMPACTED ACCORDING TO SPECIFICATIONS WHERE NEW PAVEMENTS ADJUT EXISTING PAVEMENTS OR STRUCTURES. NO ASPHALT OR CONCRETE SHALL BE PLACED, POURED OR SPLASHED ONTO EXISTING PAVEMENTS OR STRUCTURES. THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN OR REPLACE EXISTING PAVEMENTS OR STRUCTURES IF THIS OCCURS.
5. REMOVE AND RELOCATE ALL SIGNS, MAILBOX POSTS, FENCING, POSTS AND OTHER STRUCTURES AS NECESSARY.
6. SAWCUT A STRAIGHT, CLEAN, VERTICAL EDGE AT ALL LOCATIONS WHERE NEW SIDEWALK CONTINUES THROUGH EXISTING DRIVEWAYS. DEMOLISH AND REMOVE EXISTING ASPHALT OR CONCRETE AS SHOWN.
7. DETECTABLE WARNING PADS SHALL BE INSTALLED AT ALL STREET CROSSING LOCATIONS AS SHOWN. DETECTABLE WARNING PADS SHALL BE ADA-COMPLIANT AND WET INSET TRUNCATED DOME MATS PER THE SCDOT STANDARD DRAWING 720-910-01, SEE SHEET C15. COLOR: YELLOW.
8. REFER TO OTHER CIVIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.

PROPOSED SITE PLAN



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

PROPOSED SITE PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg

SHEET NUMBER:
C6

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "E"

MATCHLINE "E"

THE EXISTING SURVEY INFORMATION PRESENTED ON THESE DRAWINGS WAS TAKEN FROM A SURVEY FOR PROPOSED SIDEWALKS ON GILBERT STREET, CITY OF GEORGETOWN, GEORGETOWN COUNTY, SOUTH CAROLINA. JOB NO. 19960, DATED DECEMBER 9, 2019, SURVEYED BY NESBITT SURVEYING CO., INC., DAVID A. NESBITT, RLS NO 7623, 4340 ALLIGATOR ROAD, TIMMONSVILLE, S.C. 29161, TEL: (843) 346-3302

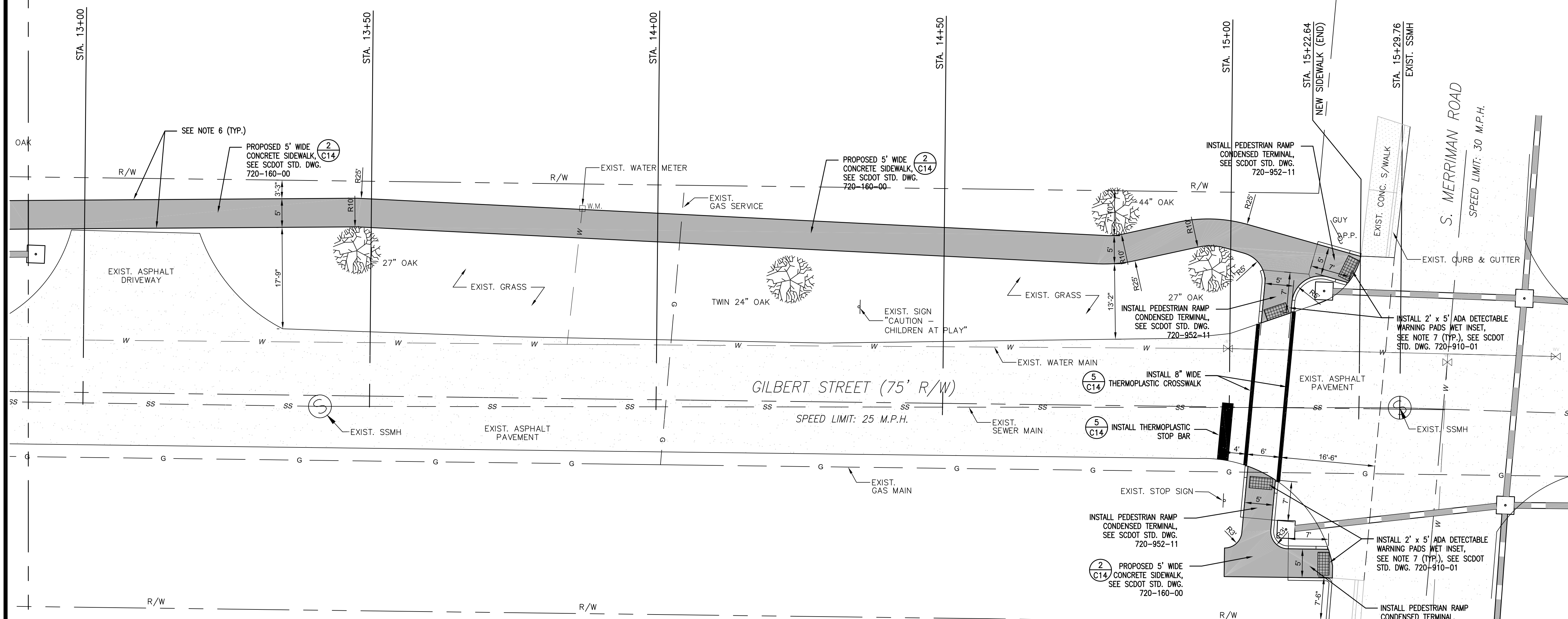
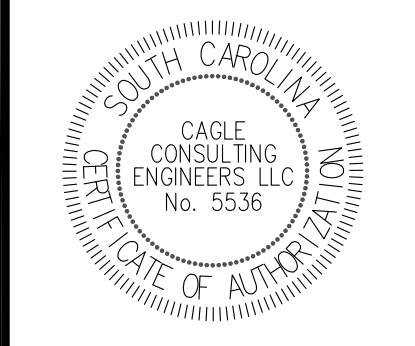
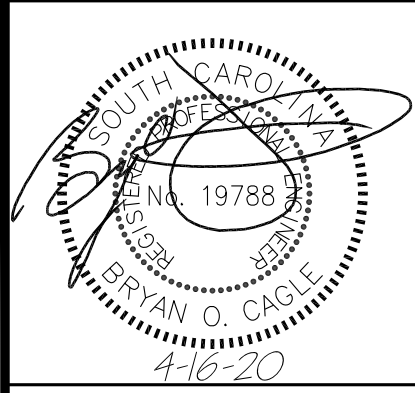
South Carolina 811
CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS LLC
PLANNING & DESIGN

2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph: (843) 495-7452
cagleengr@gmail.com



LEGEND

| EXISTING | PROPERTY LINE | TREES | BUILDING | ASPH. PAVT. | CONCRETE PAVT./SIDEWALK | CURB AND GUTTER (C&G) | DRAIN INLET | STORM DRAIN | WATER LINE | SANITARY SEWER | OVERHEAD ELECTRICAL | MANHOLE | CLEANOUT | FIRE HYDRANT | WATER VALVE | WATER METER | POWER POLE | FENCE |
|----------|---------------|----------|----------|-------------|-------------------------|-----------------------|-------------|-------------|------------|----------------|---------------------|----------|----------|--------------|-------------|-------------|------------|----------|
| (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) | (Symbol) |

SEQUENCE OF CONSTRUCTION

1. INSTALL TEMPORARY SILT FENCE AND OTHER EROSION CONTROL BMPs AS SHOWN ON THE GRADING & EROSION CONTROL PLANS.
2. RELOCATE EXISTING SIGNAGE, FENCING, UTILITY POLES, POSTS, MAILBOXES OR OTHER STRUCTURES AS SHOWN ON PLANS.
3. SAWCUT, DEMOLISH AND REMOVE EXISTING CONCRETE AND ASPHALT AS REQUIRED PER SITE PLANS.
4. STRIP TOPSOIL AND ANY UNSUITABLE SOILS FROM AREAS OF THE NEW CONCRETE SIDEWALKS. DISTURB ONLY THE LENGTH OF SIDEWALK TO BE POURED IN (1) ONE DAY.
5. INSTALL STORM DRAINAGE.
6. GRADE SIDEWALK AREA TO SUBGRADES AS REQUIRED PER GRADING PLANS.
7. FORM AND POUR NEW CONCRETE SIDEWALK.
8. MATCH GRADE AT ALL STREET CROSSINGS AND DRIVEWAYS.
9. BACKFILL SHOULDERS ALONG SIDEWALK WITH CLEAN TOPSOIL AS REQUIRED.
10. INSTALL PAVEMENT MARKINGS AS SHOWN ON PLANS.
11. CLEANUP TRASH AND MATERIALS FROM THE SITE.
12. SEED AND MULCH ALL DISTURBED AREAS TO BE GRASSED. IF HYDROSEEDING, DO NOT SPRAY HYDROSEED MIX ON NEW CONCRETE SIDEWALKS, OTHER PAVEMENTS OR STRUCTURES.
13. ESTABLISH 70% GRASSING STABILIZATION ON DISTURBED AREAS NEXT TO THE NEW CONCRETE SIDEWALK.
14. REMOVE TEMPORARY EROSION CONTROL BMPs.
15. FINAL CLEANUP OF THE SITE.
16. FINAL INSPECTION BY THE CIVIL ENGINEER, THE CITY OF GEORGETOWN ENGINEERING DEPARTMENT AND SCDOT.

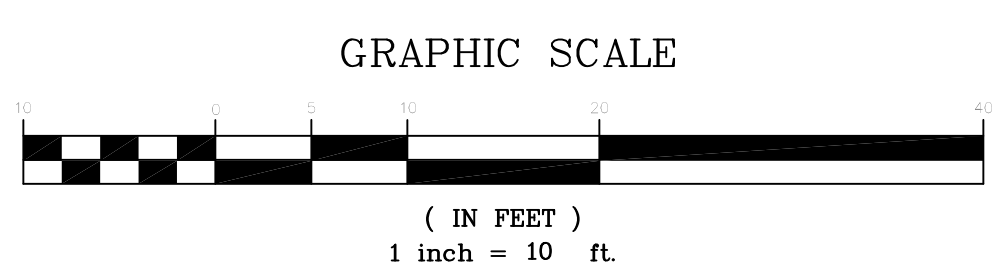
RIGHT OF WAY (R/W) NOTES:

1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GENERAL NOTES

1. DIMENSIONS SHOWN ARE TO FACE OF WALL, BACK OF CURB OR EDGE OF ROAD/PAVEMENT, WHICHEVER IS APPLICABLE.
2. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE OR IN RIGHT-OF-WAY PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY TO HAVE ALL UTILITIES MARKED PRIOR TO CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES IN THE PROJECT AREA BEFORE EXCAVATING.
3. THE CONTRACTOR SHALL TAKE EXTREME CAUTION TO PROTECT EXISTING UTILITIES. NOTIFY THE ENGINEER PRIOR TO BEGINNING CONSTRUCTION. CALL BRYAN CAGLE AT 843-495-7452.
4. ALL NEW PAVEMENTS SHALL HAVE A STRAIGHT, CLEAN AND VERTICAL EDGE FOR PLACEMENT AND SHALL BE COMPACTED ACCORDING TO SPECIFICATIONS WHERE NEW PAVEMENTS ADJUT EXISTING PAVEMENTS OR STRUCTURES. NO ASPHALT OR CONCRETE SHALL BE PLACED, POURED OR SPLASHED ONTO EXISTING PAVEMENTS OR STRUCTURES. THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN OR REPLACE EXISTING PAVEMENTS OR STRUCTURES IF THIS OCCURS.
5. REMOVE AND RELOCATE ALL SIGNS, MAILBOX POSTS, FENCING, POSTS AND OTHER STRUCTURES AS NECESSARY.
6. SAWCUT A STRAIGHT, CLEAN, VERTICAL EDGE AT ALL LOCATIONS WHERE NEW SIDEWALK CONTINUES THROUGH EXISTING DRIVEWAYS. DEMOLISH AND REMOVE EXISTING ASPHALT OR CONCRETE AS SHOWN.
7. DETECTABLE WARNING PADS SHALL BE INSTALLED AT ALL STREET CROSSING LOCATIONS AS SHOWN. DETECTABLE WARNING PADS SHALL BE ADA-COMPLIANT AND WET INSET TRUNCATED DOME MATS PER THE SCDOT STANDARD DRAWING 720-910-01, SEE SHEET C15. COLOR: YELLOW.
8. REFER TO OTHER CIVIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.

PROPOSED SITE PLAN



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

PROPOSED SITE PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg
 SHEET NUMBER:
C7

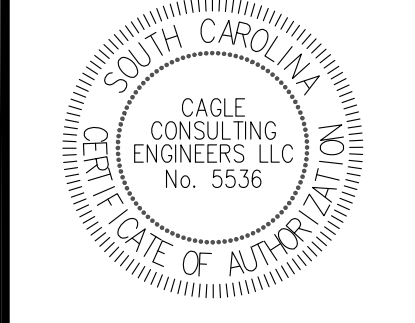
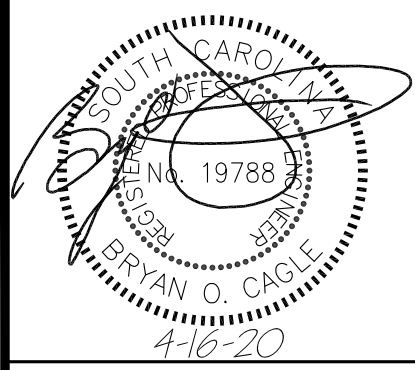
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

South Carolina 811
 CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS, LLC
 PLANNING & DESIGN
 2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



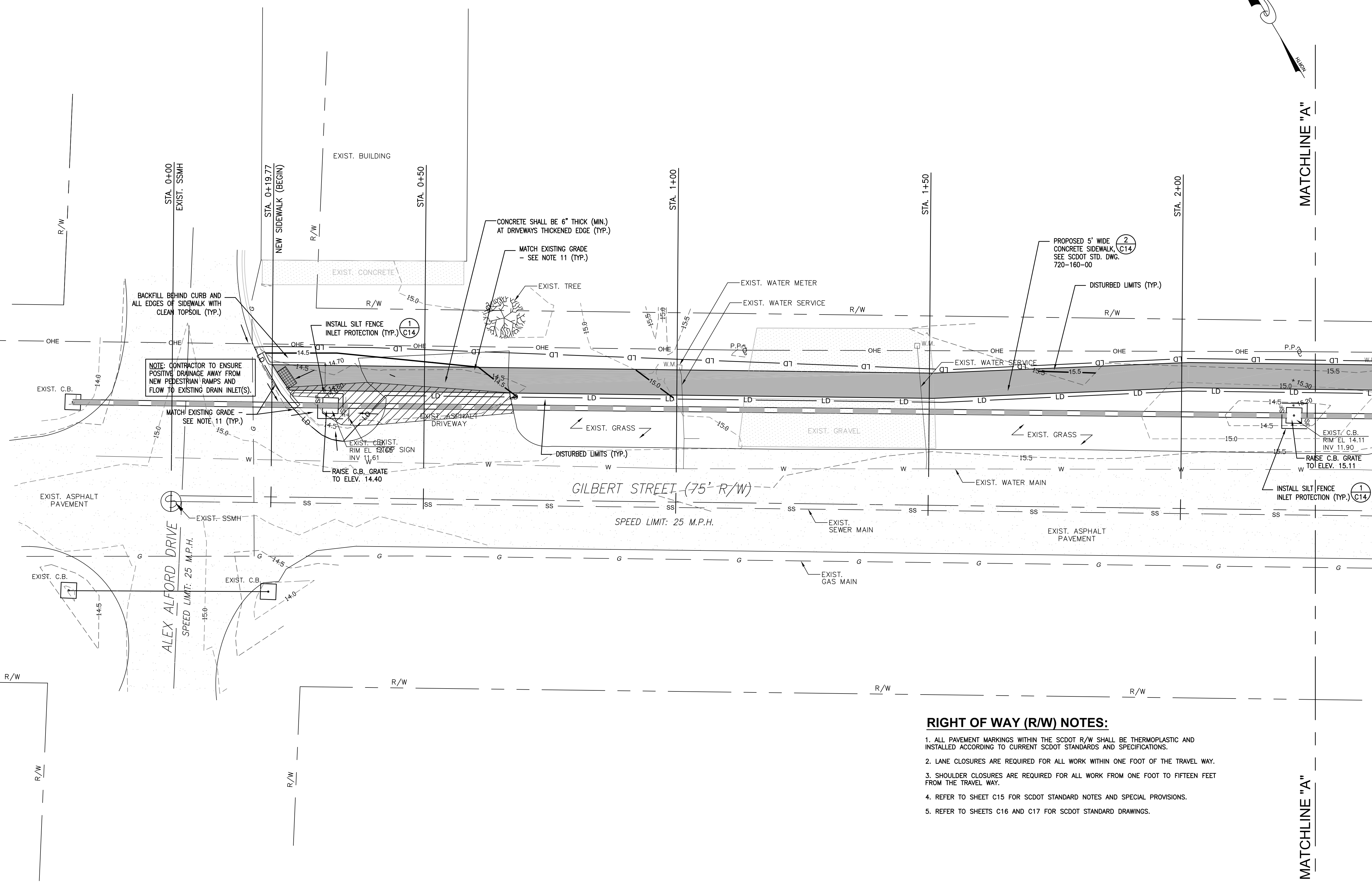
SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV: 4/16/20
 SCALE: AS SHOWN PROJ. #: C1913
 FILE: C1913.dwg

SHEET NUMBER:
C8



| EXISTING | LEGEND | NEW |
|----------|--------------------------|---------|
| | PROPERTY LINE | |
| | TREES | |
| | BUILDING | |
| | ASPHALT PAVEMENT | |
| | CONCRETE PAVMT./SIDEWALK | |
| | CURB AND GUTTER (C&G) | |
| | DRAIN INLET | |
| | STORM DRAIN | |
| | WATER LINE | |
| | SANITARY SEWER | |
| | OVERHEAD ELECTRICAL | |
| | MANHOLE | |
| | CLEANOUT | |
| | FIRE HYDRANT | |
| | WATER VALVE | |
| | WATER METER | |
| | POWER POLE | |
| | FENCE | |
| | SPOT ELEVATION | + 18.50 |
| | CONTOUR LINE | 18.5 |
| | SILT FENCE | SF |
| | FLOW ARROWS | |

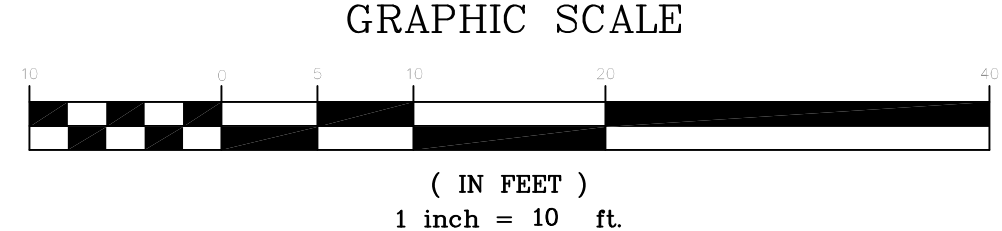
GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
4. ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
5. ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
6. CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
7. TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
8. ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
9. STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SCDHEC.
10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
11. MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
12. DISTURBED AREA = 0.24 AC.
13. ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
14. CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.

RIGHT OF WAY (RW) NOTES:

1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN



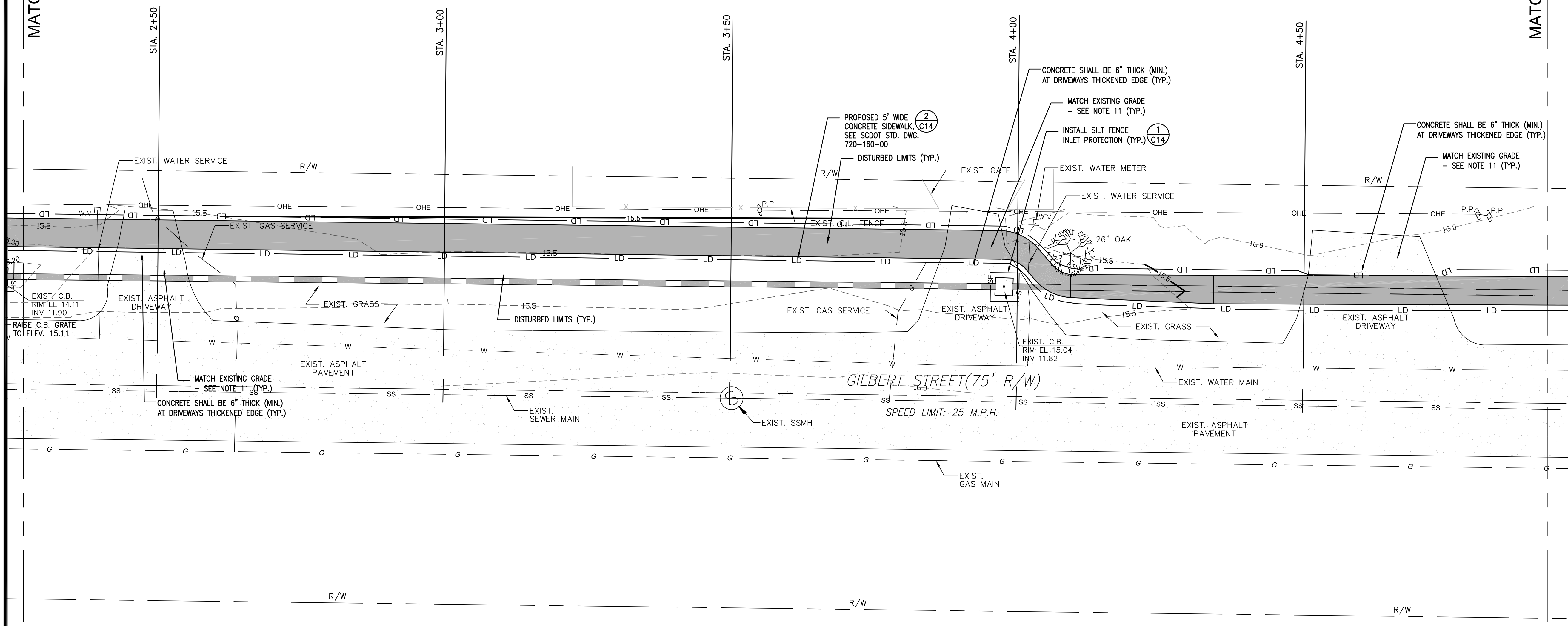
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "A"

MATCHLINE "A"

MATCHLINE "B"

MATCHLINE "B"



South Carolina 811
 CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

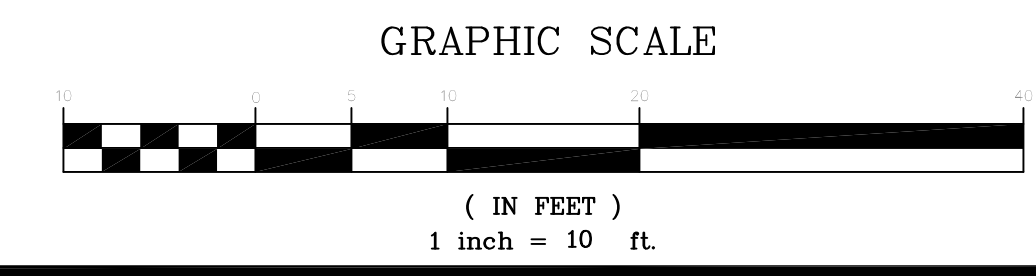
LEGEND

| EXISTING | NEW |
|----------|-------------------------|
| | PROPERTY LINE |
| | TREES |
| | BUILDING |
| | ASPHALT PAVEMENT |
| | CONCRETE PAVT./SIDEWALK |
| | CURB AND GUTTER (C&G) |
| | DRAIN INLET |
| | STORM DRAIN |
| | WATER LINE |
| | SANITARY SEWER |
| | OVERHEAD ELECTRICAL |
| | MANHOLE |
| | CLEANOUT |
| | FIRE HYDRANT |
| | WATER VALVE |
| | WATER METER |
| | POWER POLE |
| | FENCE |
| | SPOT ELEVATION |
| | CONTOUR LINE |
| | SILT FENCE |
| | FLOW ARROWS |

- GRADING NOTES**
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
 3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
 4. ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
 5. ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
 6. CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
 7. TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
 8. ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
 9. STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SCDHEC.
 10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
 11. MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
 12. DISTURBED AREA = 0.24 AC.
 13. ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
 14. CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.

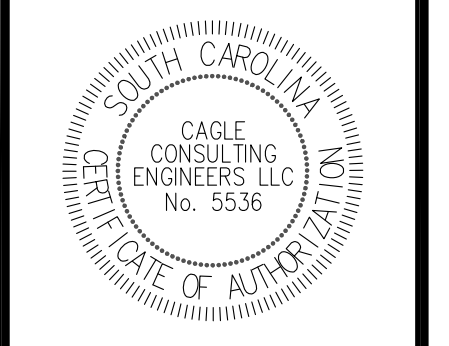
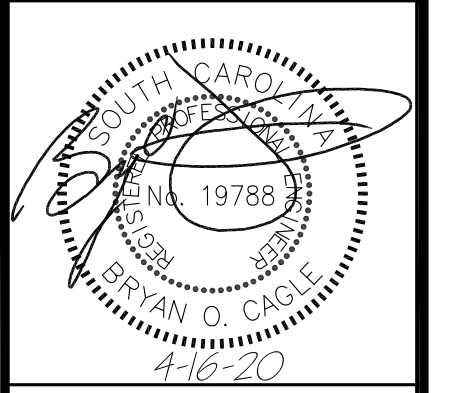
- RIGHT OF WAY (R/W) NOTES:**
1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
 2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
 3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
 4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
 5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN



CAGLE CONSULTING ENGINEERS LLC
 PLANNING & DESIGN

2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV.: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg

SHEET NUMBER:
C9

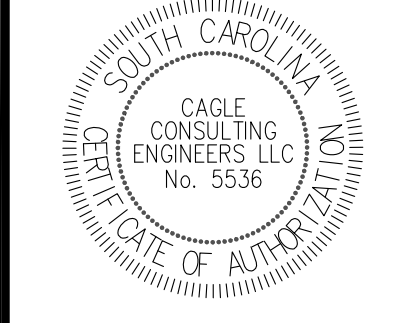
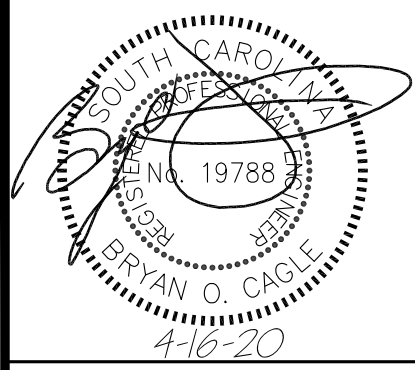
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

South Carolina 811
 CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS, LLC
 PLANNING & DESIGN
 2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV.: 4/16/20
 SCALE: AS SHOWN PROJ. #: C1913
 FILE: C1913.dwg

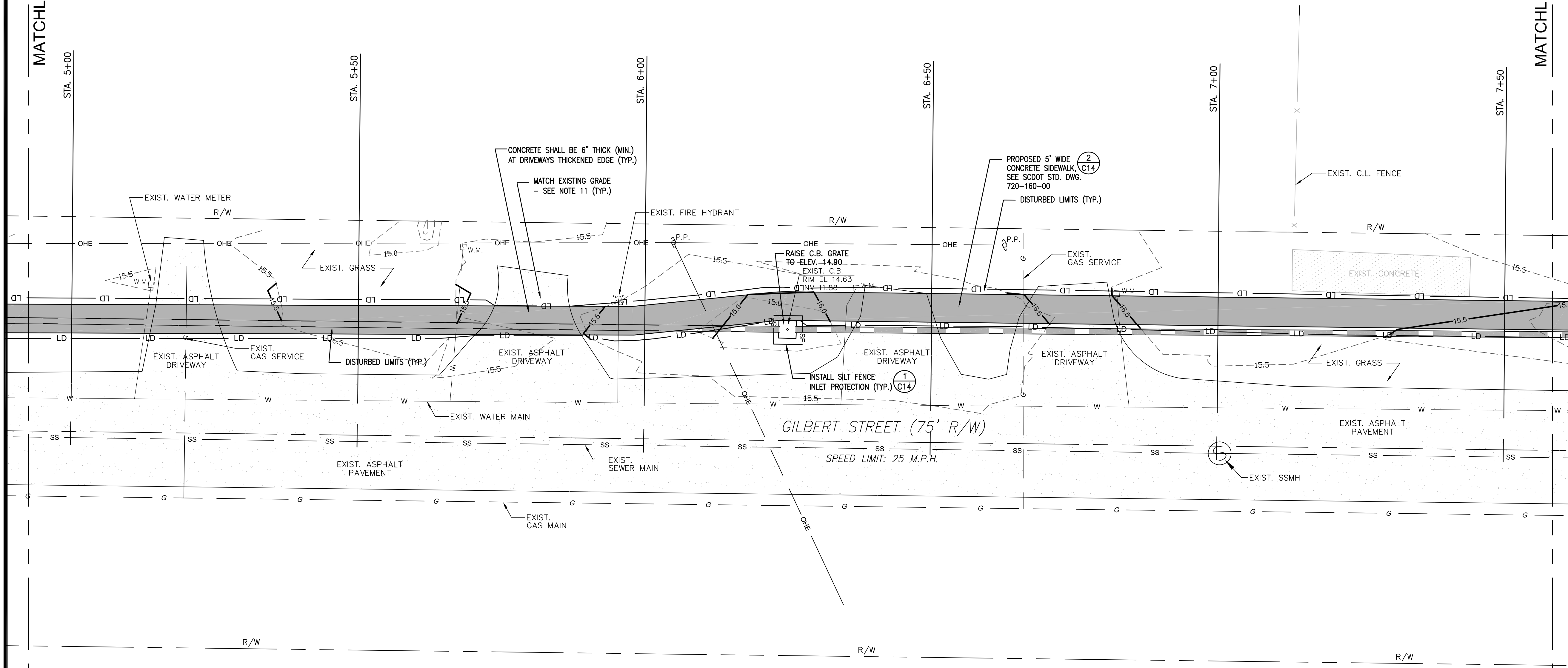
SHEET NUMBER:
C10

MATCHLINE "B"

MATCHLINE "B"

MATCHLINE "C"

MATCHLINE "C"

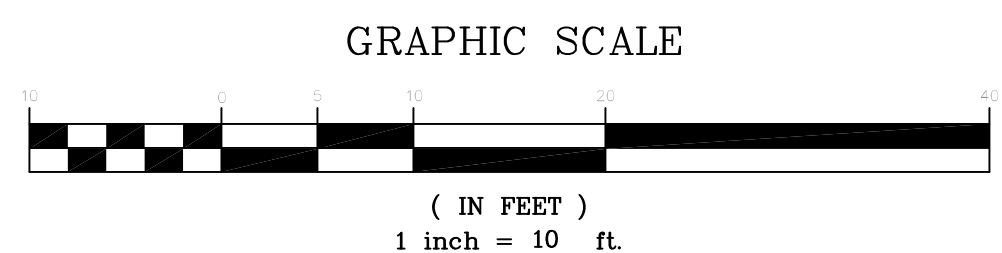


| EXISTING | LEGEND | NEW |
|----------|-------------------------|-----|
| | PROPERTY LINE | |
| | TREES | |
| | BUILDING | |
| | ASPHALT PAVEMENT | |
| | CONCRETE PAVT./SIDEWALK | |
| | CURB AND GUTTER (C&G) | |
| | DRAIN INLET | |
| | STORM DRAIN | |
| | WATER LINE | |
| | SANITARY SEWER | |
| | OVERHEAD ELECTRICAL | |
| | MANHOLE | |
| | CLEANOUT | |
| | FIRE HYDRANT | |
| | WATER VALVE | |
| | WATER METER | |
| | POWER POLE | |
| | SPOT ELEVATION | |
| | CONTOUR LINE | |
| | SILT FENCE | |
| | FLOW ARROWS | |

- GRADING NOTES**
1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
 2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
 3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
 4. ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
 5. ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
 6. CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
 7. TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
 8. ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
 9. STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SCDHEC.
 10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
 11. MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
 12. DISTURBED AREA = 0.24 AC.
 13. ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
 14. CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.

- RIGHT OF WAY (R/W) NOTES:**
1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
 2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
 3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
 4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
 5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN



THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "C"

MATCHLINE "C"

MATCHLINE "D"

MATCHLINE "D"

South Carolina 811
CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
CALL 811
or CALL TOLL-FREE:
1-888-721-7877
or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

| EXISTING | LEGEND | NEW |
|----------|-------------------------|---------|
| | PROPERTY LINE | |
| | TREES | |
| | BUILDING | |
| | ASPHALT PAVEMENT | |
| | CONCRETE PAVT./SIDEWALK | |
| | CURB AND GUTTER (C&G) | |
| | DRAIN INLET | |
| | STORM DRAIN | |
| | WATER LINE | |
| | SANITARY SEWER | |
| | OVERHEAD ELECTRICAL | |
| | MANHOLE | |
| | CLEANOUT | |
| | FIRE HYDRANT | |
| | WATER VALVE | |
| | WATER METER | |
| | POWER POLE | |
| | FENCE | |
| | SPOT ELEVATION | + 18.50 |
| | CONTOUR LINE | 18.5 |
| | SILT FENCE | SF |
| | FLOW ARROWS | |

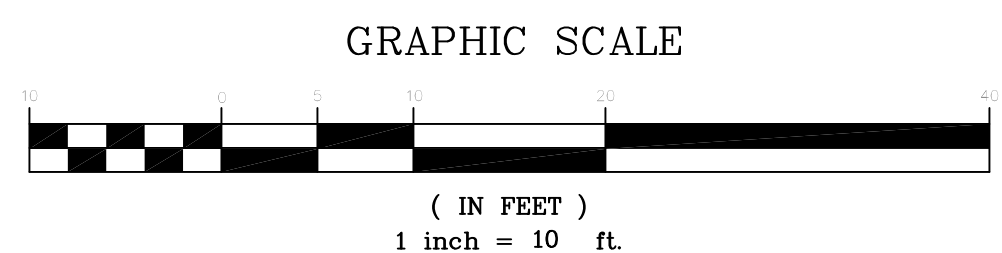
GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
4. ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
5. ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
6. CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
7. TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
8. ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
9. STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SCDHEC.
10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
11. MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
12. DISTURBED AREA = 0.24 AC.
13. ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
14. CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.

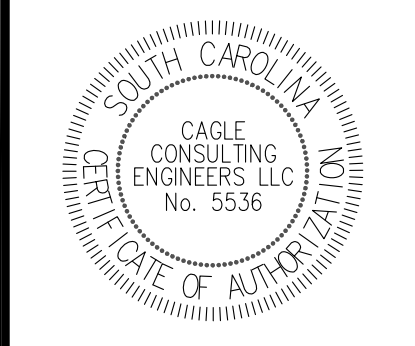
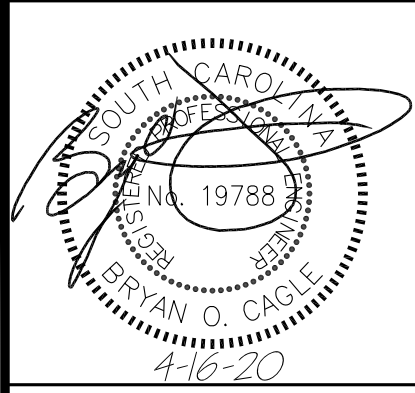
RIGHT OF WAY (R/W) NOTES:

1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN



CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN
2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
Ph. (843) 495-7452
cagleengr@gmail.com



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
DATE: 12/11/19 REV.: 4/16/20
SCALE: AS SHOWN PROJ. #: C1913
FILE: C1913.dwg

SHEET NUMBER:
C11

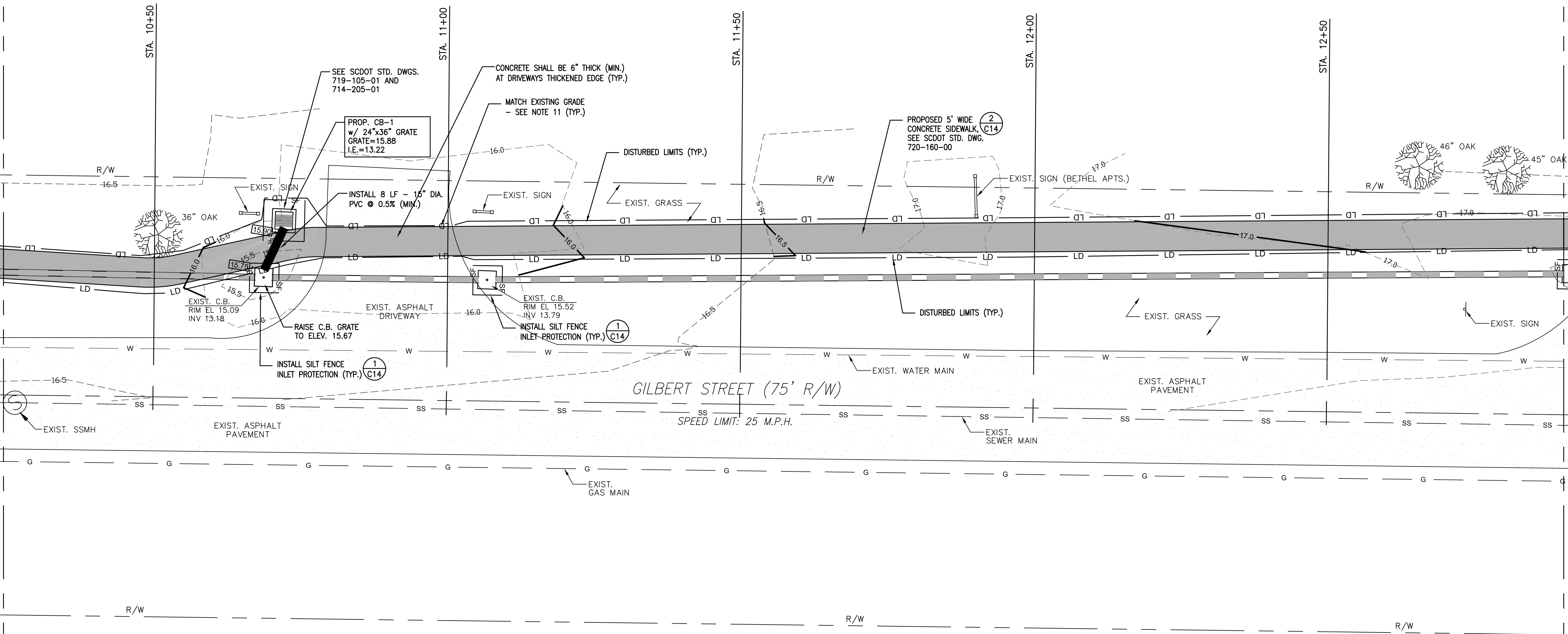
THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "D"

MATCHLINE "D"

MATCHLINE "E"

MATCHLINE "E"



RIGHT OF WAY (R/W) NOTES:

1. ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
2. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
3. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
4. REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
5. REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN

South Carolina 811
 CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
 CALL 811
 or CALL TOLL-FREE:
 1-888-721-7877
 or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

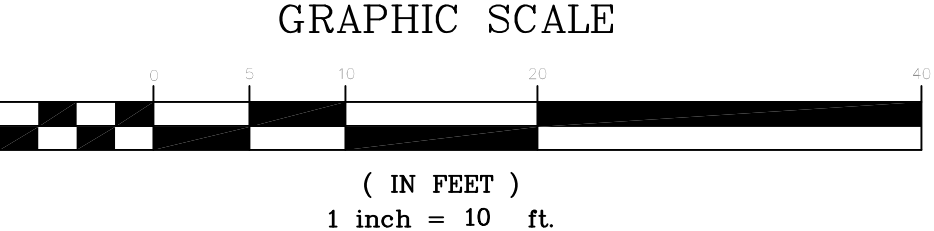
THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

LEGEND

| EXISTING | NEW |
|----------|-------------------------|
| | PROPERTY LINE |
| | TREES |
| | BUILDING |
| | ASPHALT PAVEMENT |
| | CONCRETE PAVT./SIDEWALK |
| | CURB AND GUTTER (C&G) |
| | DRAIN INLET |
| | STORM DRAIN |
| | WATER LINE |
| | SANITARY SEWER |
| | OVERHEAD ELECTRICAL |
| | MANHOLE |
| | CLEANOUT |
| | FIRE HYDRANT |
| | WATER VALVE |
| | WATER METER |
| | POWER POLE |
| | SPOT ELEVATION |
| | CONTOUR LINE |
| | SILT FENCE |
| | FLOW ARROWS |

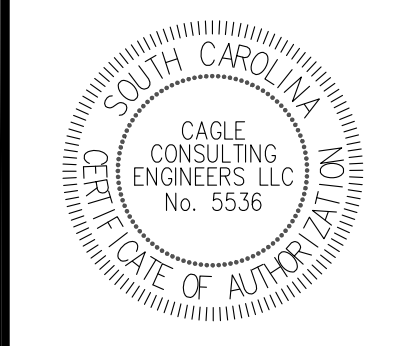
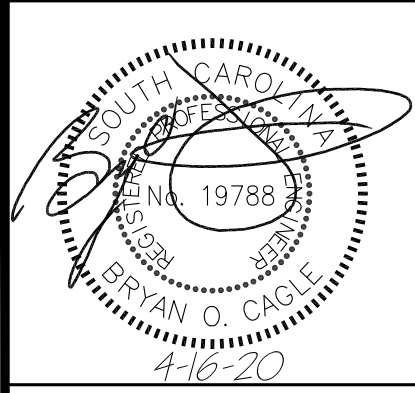
GRADING NOTES

1. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
4. ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
5. ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
6. CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
7. TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
8. ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
9. STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SCDHEC.
10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
11. MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
12. DISTURBED AREA = 0.24 AC.
13. ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
14. CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.



CAGLE CONSULTING ENGINEERS LLC
 PLANNING & DESIGN

2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV.: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg
 SHEET NUMBER:

C12

THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

MATCHLINE "E"

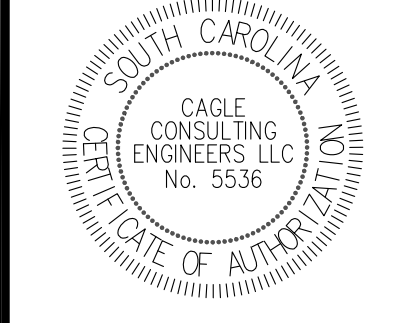
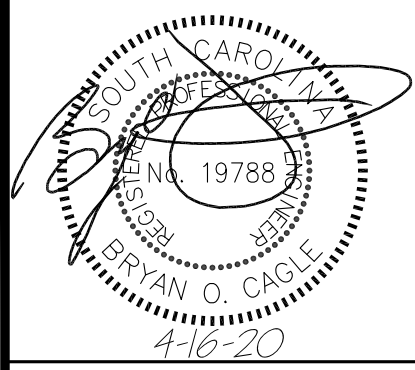
MATCHLINE "E"

South Carolina 811
CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
CALL 811
or CALL TOLL-FREE:
1-888-721-7877
or SUBMIT A LOCATE REQUEST ONLINE AT www.sc811.com

THE UTILITIES SHOWN ON THESE DRAWINGS ARE SHOWN FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES, UNDERGROUND OR OVERHEAD, NOT SHOWN ON THESE PLANS. CAGLE CONSULTING ENGINEERS, LLC ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF THE WORK PRIOR TO STARTING ANY EXCAVATION ACTIVITIES. ALL DAMAGE TO EXISTING UTILITIES AND LOST WORK PRODUCTION CAUSED BY THE CONTRACTOR SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN
2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
Ph. (843) 495-7452
cagleengr@gmail.com

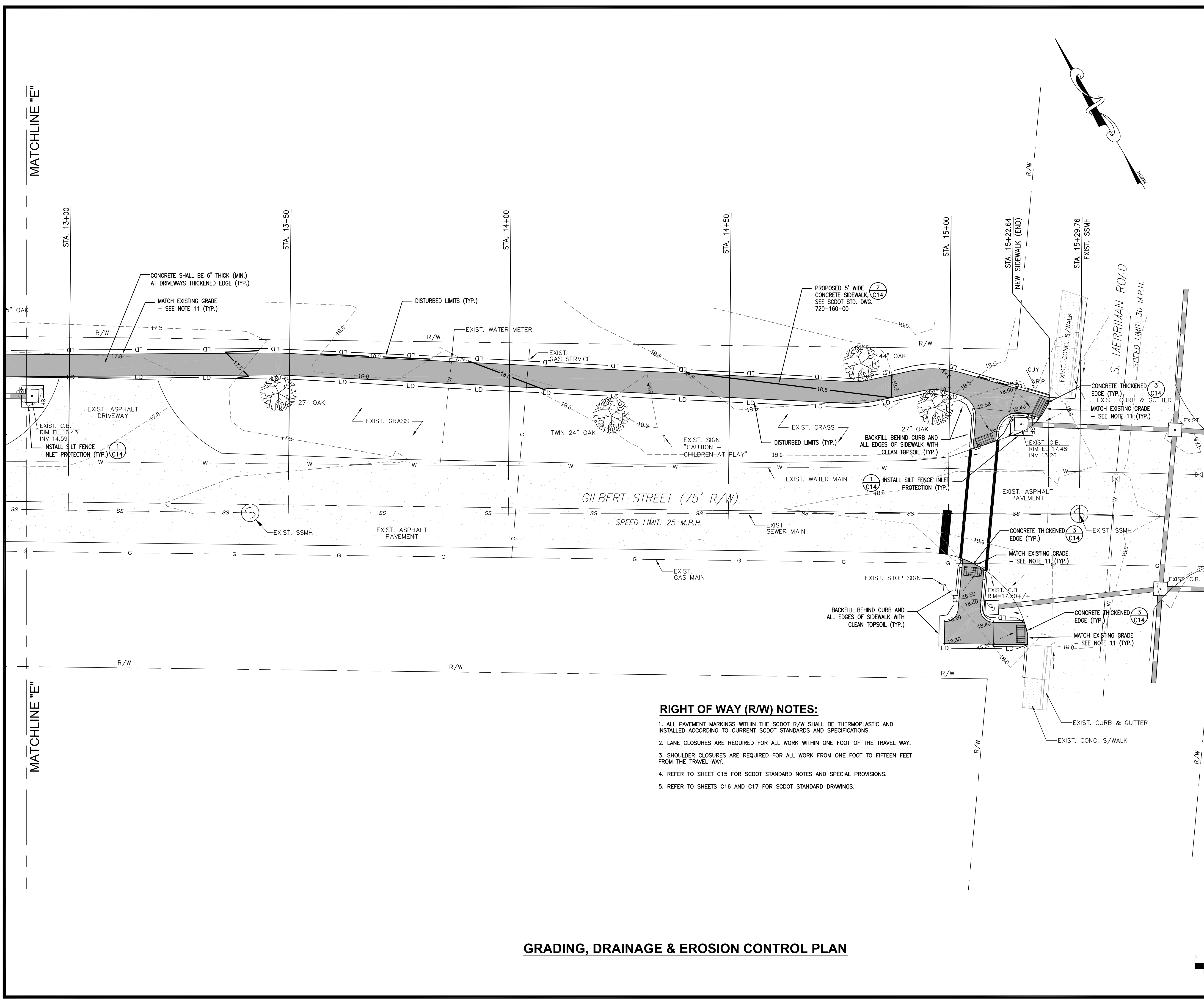


SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

GRADING, DRAINAGE & EROSION CONTROL PLAN

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |

DRAWN BY: BC CHK'D BY: BC
DATE: 12/11/19 REV.: 4/16/20
SCALE: AS SHOWN PROJ. #: C1913
FILE: C1913.dwg
SHEET NUMBER:
C13

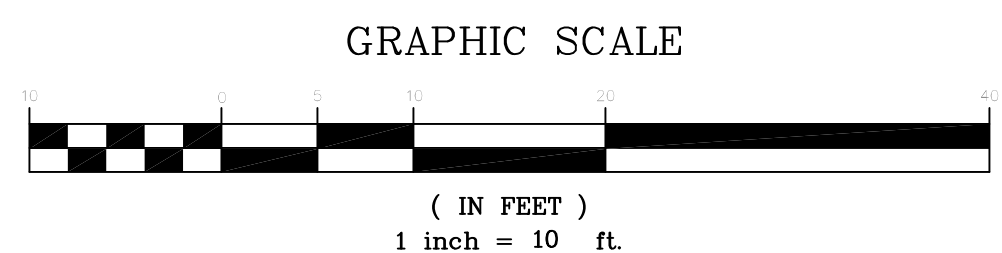


| EXISTING | LEGEND | NEW |
|----------|--------------------------|-----|
| | PROPERTY LINE | |
| | TREES | |
| | BUILDING | |
| | ASPHALT PAVEMENT | |
| | CONCRETE PAVMT./SIDEWALK | |
| | CURB AND GUTTER (C&G) | |
| | DRAIN INLET | |
| | STORM DRAIN | |
| | WATER LINE | |
| | SANITARY SEWER | |
| | OVERHEAD ELECTRICAL | |
| | MANHOLE | |
| | CLEANOUT | |
| | FIRE HYDRANT | |
| | WATER VALVE | |
| | WATER METER | |
| | POWER POLE | |
| | FENCE | |
| | SPOT ELEVATION | |
| | CONTOUR LINE | |
| | SILT FENCE | |
| | FLOW ARROWS | |

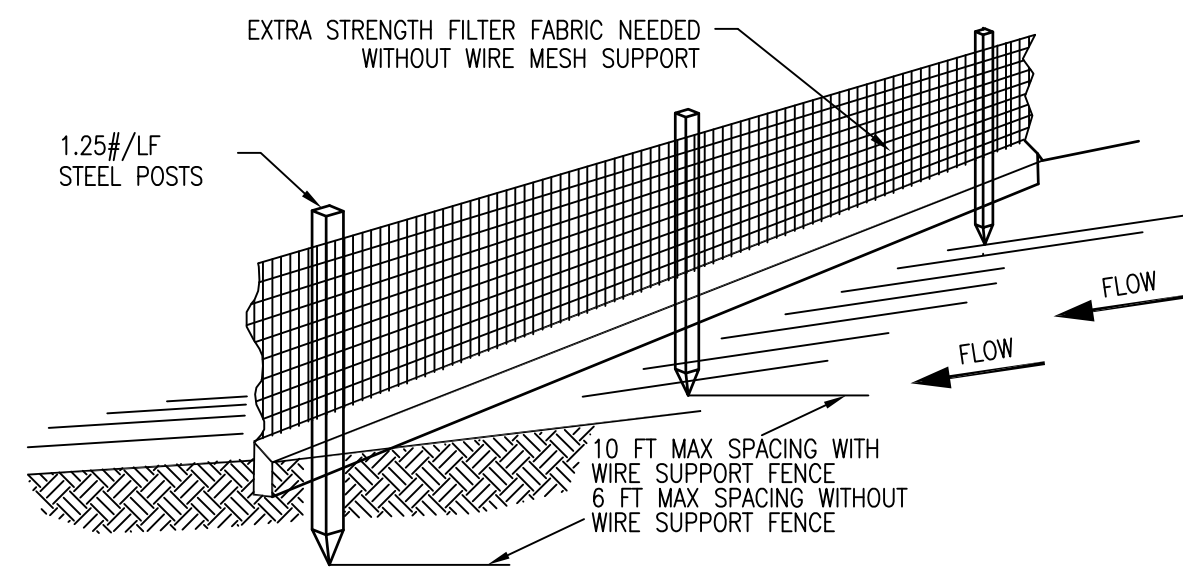
- GRADING NOTES**
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES BY CALLING "SOUTH CAROLINA 811" AT 811 OR 1-888-721-7877 AT LEAST THREE (3) DAYS PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR A REVIEW SHOULD ANY DISCREPANCIES BE DISCOVERED AT THE SITE OR ON THE DRAWINGS.
 - EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. COMPACTION TESTS SHALL BE ACCOMPLISHED IN THE FIELD TO TEST ALL AREAS. COMPACTION TESTS WILL BE CONDUCTED AT THE CONTRACTOR'S EXPENSE. RETESTING WILL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTION.
 - ALL SOFT SPOTS SHALL BE STABILIZED BY FURTHER COMPACTIVE EFFORT OR UNDERCUT AND BACKFILLED WITH COMPACTED STRUCTURAL FILL MATERIAL.
 - ALL NEW ELEVATIONS SHOWN ARE FINISH ELEVATIONS. THE GRADING CONTRACTOR SHALL DEDUCT THE APPROPRIATE AMOUNT FOR THE SUBGRADE.
 - CONTRACTOR SHALL REMOVE TOPSOIL AS NECESSARY TO PROVIDE ADEQUATE SUBGRADE.
 - TWELVE INCHES (12") OF SUBGRADE SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D-698).
 - ALL EROSION CONTROL MEASURES SHOWN AND STATED ON THIS PLAN ARE TO BE IMPLEMENTED THROUGH FINAL INSPECTION.
 - STANDING GRASS MUST BE EVIDENT IN SEEDED DISTURBED AREAS BEFORE FINAL APPROVAL. 70% STABILIZATION IS REQUIRED IN ANY 2' x 2' SQUARE AREA PER SDHEC.
 - THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR COMPACTION TESTS AND SUPPLY THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
 - MATCH EXISTING GRADE ELEVATIONS WHERE NEW SIDEWALK ABUTS EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS.
 - DISTURBED AREA = 0.24 AC.
 - ALL EXISTING WATER METER VALVE BOXES, SEWER CLEANOUTS OR OTHER UTILITY STRUCTURES SHALL BE ADJUSTED TO MATCH NEW SIDEWALK FINISHED GRADE ELEVATION. NEW COVER(S) SHALL BE INSTALLED TO REPLACE BROKEN COVER(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.
 - CONTRACTOR SHALL BE RESPONSIBLE TO HAUL ALL EXCESS EXCAVATED MATERIAL AND/OR DEBRIS OFF-SITE TO AN APPROVED LANDFILL.

- RIGHT OF WAY (R/W) NOTES:**
- ALL PAVEMENT MARKINGS WITHIN THE SCDOT R/W SHALL BE THERMOPLASTIC AND INSTALLED ACCORDING TO CURRENT SCDOT STANDARDS AND SPECIFICATIONS.
 - LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY.
 - SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK FROM ONE FOOT TO FIFTEEN FEET FROM THE TRAVEL WAY.
 - REFER TO SHEET C15 FOR SCDOT STANDARD NOTES AND SPECIAL PROVISIONS.
 - REFER TO SHEETS C16 AND C17 FOR SCDOT STANDARD DRAWINGS.

GRADING, DRAINAGE & EROSION CONTROL PLAN

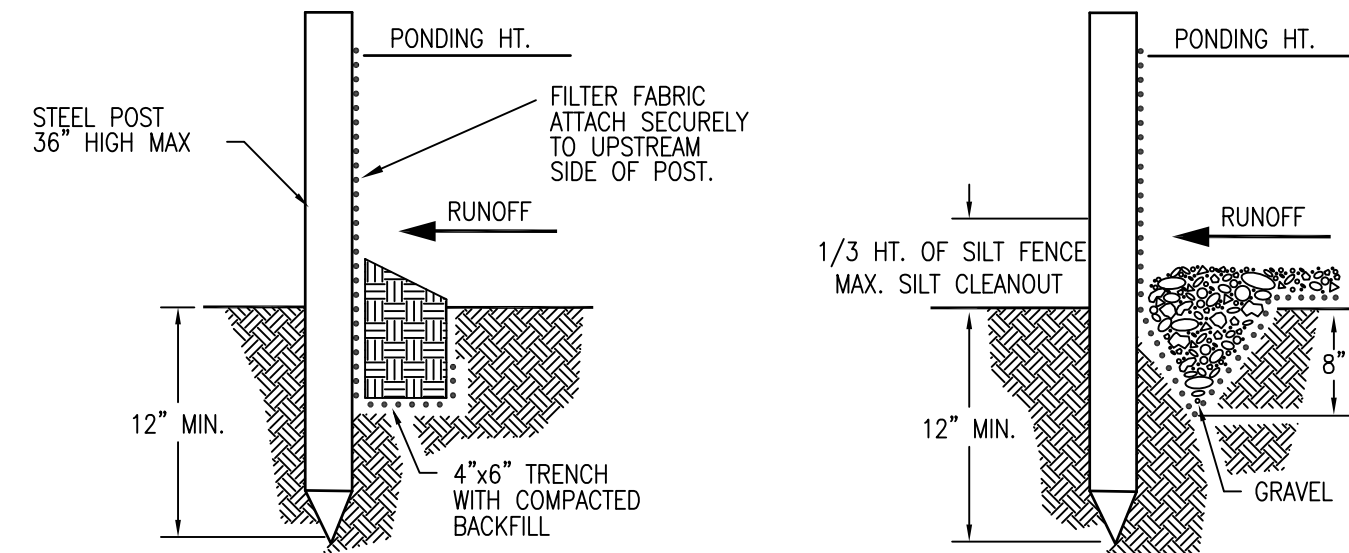


THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.



NOTES:

- ENSURE THAT THE DISTURBED DRAINAGE AREA IS NO GREATER THAN 1/4 ACRE PER 100 FEET OF SILT FENCE.
- THE DESIGN LIFE OF A SYNTHETIC SILT FENCE SHOULD BE 6 MONTHS. INSPECT SILT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. CLEAN SILT WHEN DEPOSITS REACH ONE-THIRD (33%) THE HEIGHT OF THE FENCE.
- THE CONTRACTOR IS RESPONSIBLE TO REMOVE THE STEEL POSTS AND SILT FENCE FABRIC ONCE THE DISTURBED AREA IS AT LEAST 70% STABILIZED WITH GRASS.



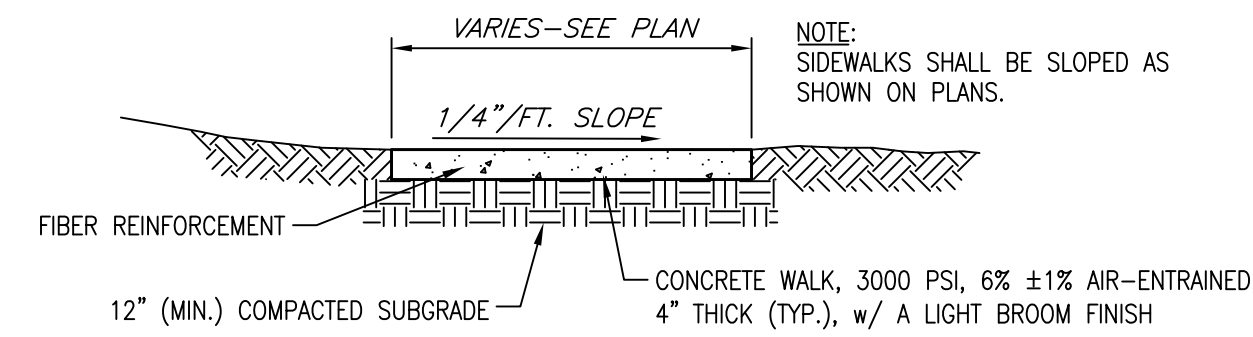
STANDARD DETAIL
TRENCH WITH NATIVE BACKFILL

ALTERNATE DETAIL
TRENCH WITH GRAVEL

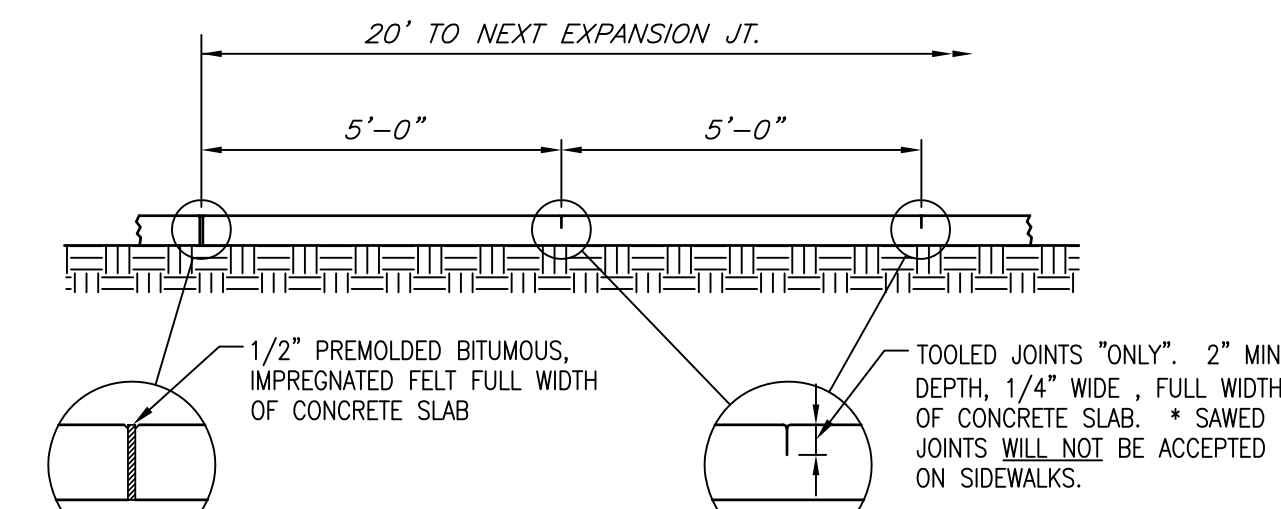
MAXIMUM SLOPE AND SLOPE LENGTH FOR WHICH SILT FENCE IS APPLICABLE:

| SLOPE | SLOPE LENGTH (FT.) |
|------------|--------------------|
| < 2% | 100 |
| 2 TO 5% | 75 |
| 5 TO 10% | 50 |
| 10 TO 20 % | 25 |
| > 20% | 15 |

1 SILT FENCE SEDIMENT BARRIER
SCALE: N.T.S.



CROSS-SECTIONAL VIEW

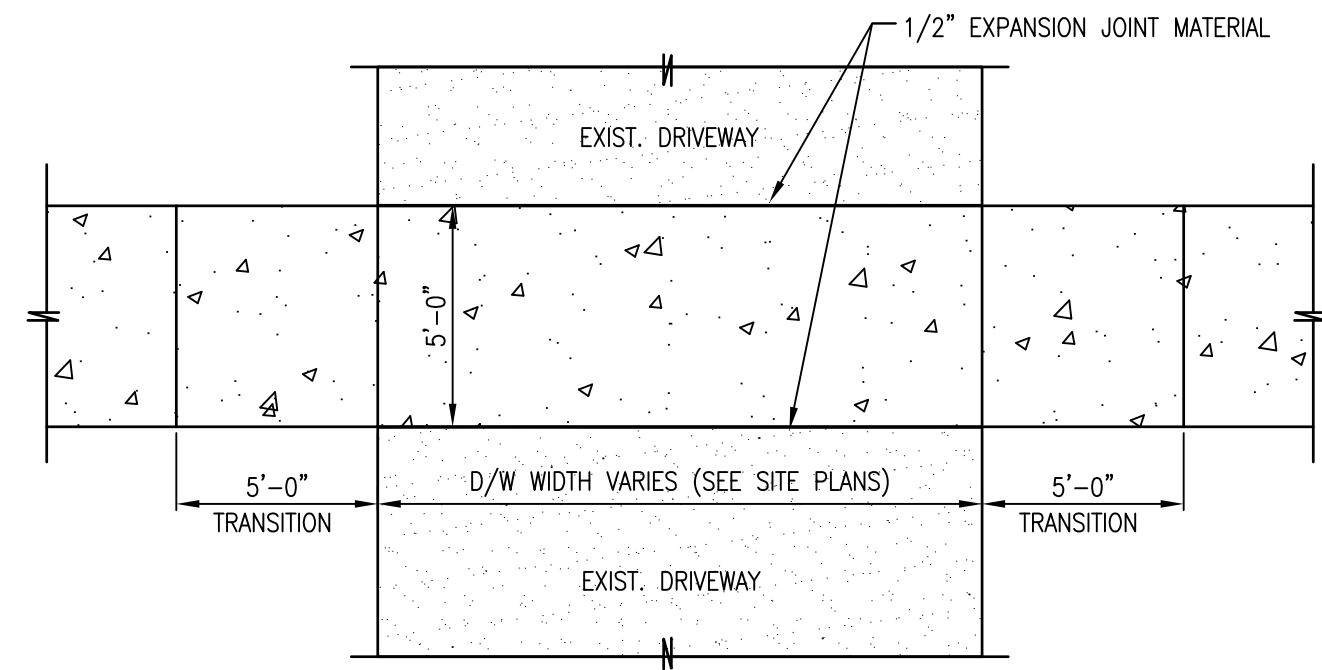


EXPANSION JOINT

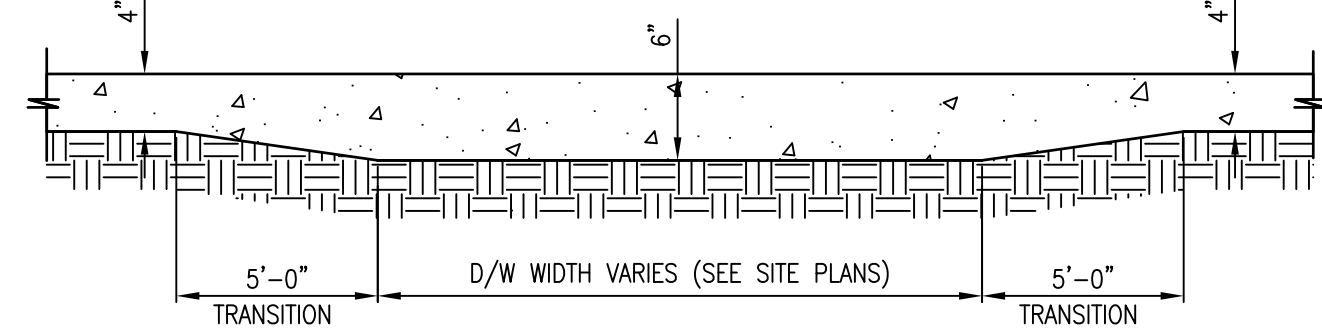
CONTROL JOINT

SIDE VIEW

2 CONCRETE SIDEWALK DETAIL
SCALE: N.T.S.



PLAN VIEW



SECTION

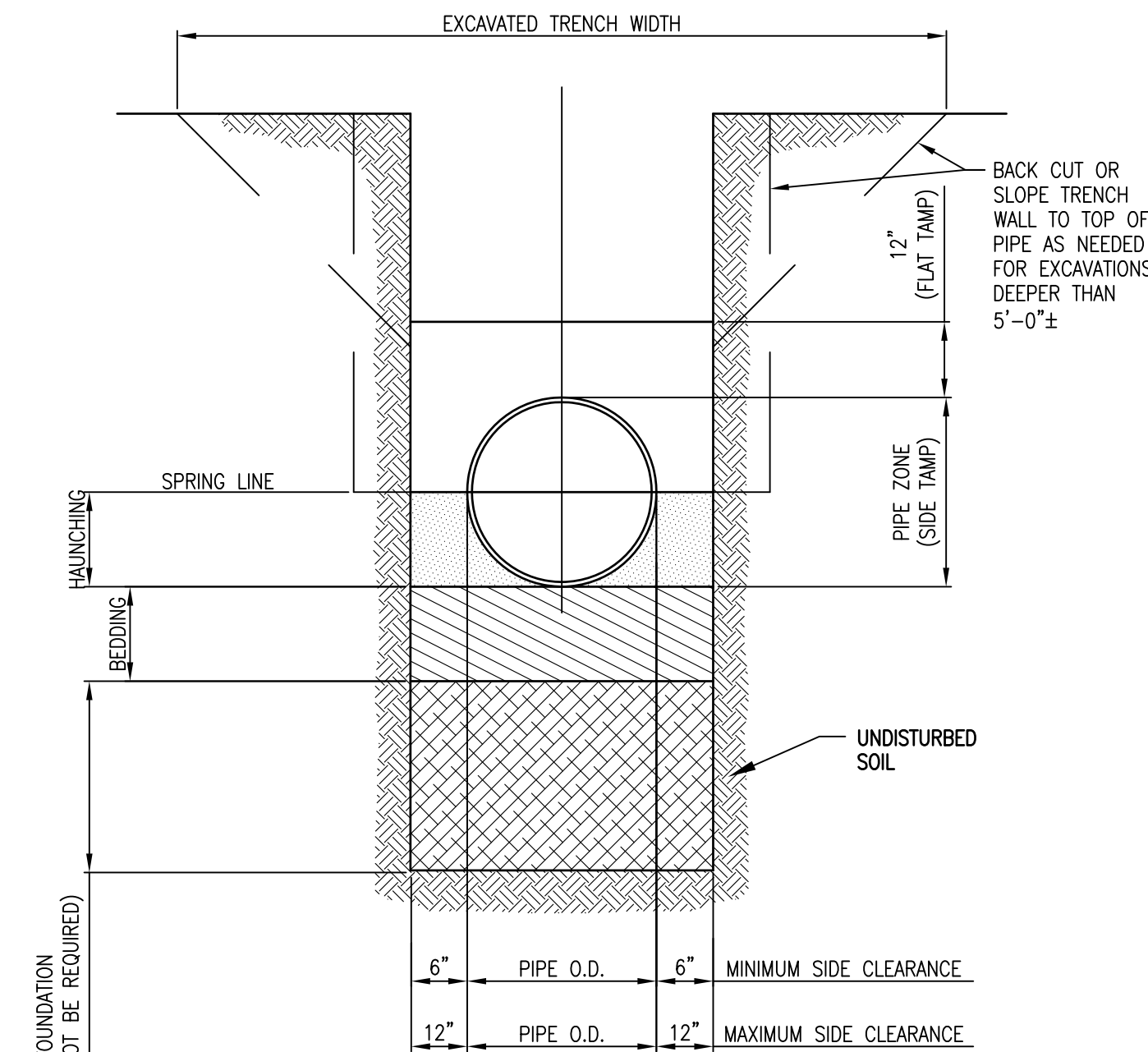
NOTE:

- CONCRETE SIDEWALKS SHALL CONTINUE THROUGH EXISTING DRIVEWAYS. SAWCUT A STRAIGHT, VERTICAL, CLEAN EDGE AND REMOVE EXISTING ASPHALT.
- THE CONTRACTOR SHALL MINIMIZE THE NUMBER OF DRIVEWAY ENTRANCES INTERRUPTED TO THE LENGTH OF SIDEWALK TO BE POURED IN A SINGLE POUR.
- INSTALL 1/2" PREMOLDED EXP. JOINT WHERE NEW CONCRETE SIDEWALK ABUTS EXISTING ASPHALT PAVEMENTS, EXISTING CONCRETE AND/OR OTHER STRUCTURES. ALLOW SPACE OUTSIDE THE WIDTH OF SIDEWALK FOR 1/2" PREMOLDED EXP. JOINT MATERIAL WHEN SAWCUTTING EXISTING ASPHALT.

3 THICKENED CONCRETE AT DRIVEWAYS
SCALE: N.T.S.

ADDITIONAL CONCRETE NOTES:

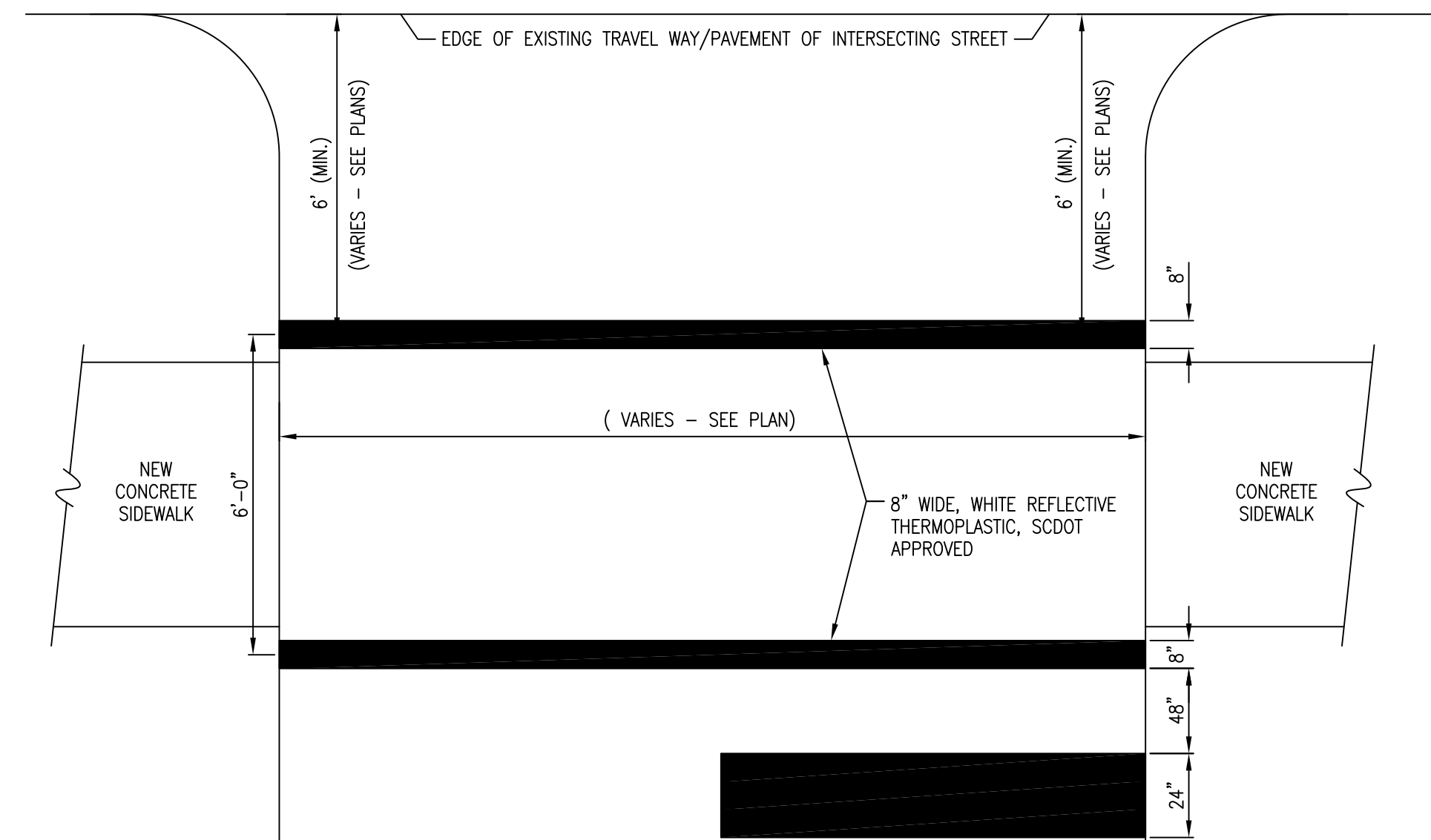
- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT THE CONCRETE AND THE FINISH UNTIL THE CONCRETE HAS SUFFICIENTLY CURED TO WITHSTAND TRAFFIC. THE CONTRACTOR SHALL USE A COMBINATION OF BARRICADES, CONSTRUCTION BARRELS, CONES, FLAGGING, ETC. AS NECESSARY TO KEEP ANY PEDESTRIAN AND VEHICLE TRAFFIC OFF THE NEWLY POURED CONCRETE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR AND/OR REPLACE SECTIONS OF CONCRETE THAT ARE DAMAGED OR IMPRINTED BY PEDESTRIAN OR VEHICLE TRAFFIC.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CLEAN ALL DIRT, DEBRIS OR SOIL STAINS OFF OF THE CONCRETE AT THE END OF THE PROJECT AND BEFORE DEMOBILIZING.
- THE CONTRACTOR SHALL REMOVE ALL EXCESS DIRT SPOILS, DEBRIS OR DEMOLITION MATERIALS FROM THE SITE AND HAUL OFF-SITE TO AN APPROVED LANDFILL.



NOTES:

- SLOPE AS REQUIRED TO MAINTAIN STABILITY OF TRENCH SIDE WALL OR PROVIDE SHEETING TO INSURE SAFETY OF PERSONNEL AND PROTECT ADJACENT STRUCTURES.
- FOR TRENCHES REQUIRING SHEETING, SHORING, STAY BRACING, TRENCH JACKS OR TRENCH BOX, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SUPPORTS.
- IF THE MAXIMUM TRENCH WIDTH MUST BE EXCEEDED OR IF THE PIPE IS INSTALLED IN A COMPACTED EMBANKMENT, THEN PIPE EMBEDMENT SHOULD BE COMPACTED TO A POINT AT LEAST 2-1/2" x PIPE DIAMETER FROM THE PIPE ON BOTH SIDES OF THE PIPE TO THE TRENCH WALLS, WHICHEVER IS LESS.
- BEDDING IS REQUIRED TO BRING TRENCH BOTTOM UP TO GRADE AND PROVIDE UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. A MINIMUM COMPACTED DEPTH OF 6 INCHES OF SELECT EMBEDMENT MATERIAL IS REQUIRED.
- USE SELECT BACK FILL IN TRENCH. PLACE IN 6" COMPACTED LAYERS. CONTRACTOR TO ENSURE 95% AASHTO DENSITY UNDER ROADWAYS, 90% OTHERWISE.

4 TYPICAL TRENCH SECTION
SCALE: N.T.S.



5 CROSSWALK PAVEMENT MARKING
SCALE: N.T.S.

SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

SITE DETAILS

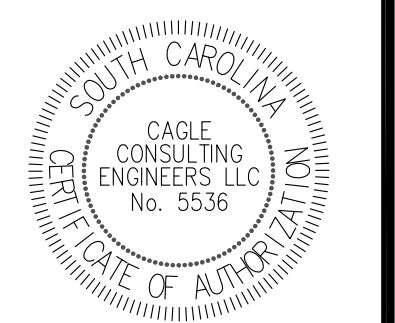
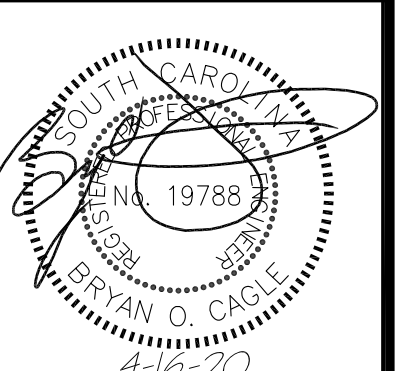
| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |
| | | |
| | | |
| | | |
| | | |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg

SHEET NUMBER:

C14

CAGLE CONSULTING ENGINEERS LLC
PLANNING & DESIGN
 2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com



THIS DRAWING AND THE DESIGN SHOWN THEREON ARE THE PROPERTY OF CAGLE CONSULTING ENGINEERS LLC. THE REPRODUCTION, COPYING OR OTHER USE OF THIS DRAWING WITHOUT WRITTEN CONSENT IS PROHIBITED. INFRINGEMENTS WILL BE SUBJECT TO LEGAL ACTION.

REFERENCES

NATIONAL DOCUMENTS
 REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY NOVEMBER, 2005
 MILITD 2009

SCDOT DOCUMENTS
 SCDOT TRANSITION PLAN
 SPL 81

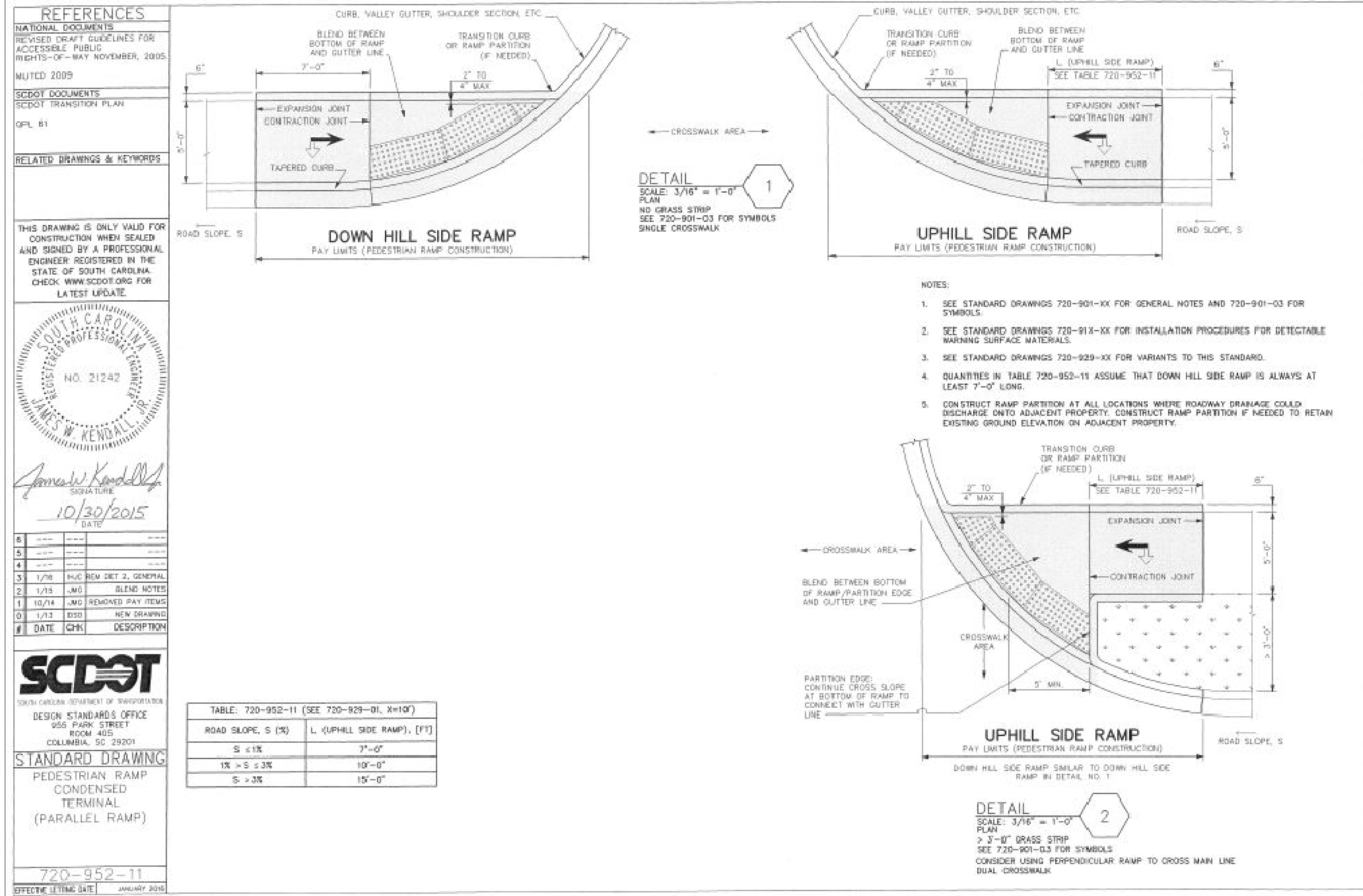
RELATED DRAWINGS & KEYWORDS

THIS DRAWING IS ONLY VALID FOR CONSTRUCTION WHEN SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF SOUTH CAROLINA. CHECK WWW.SCDOT.ORG FOR LATEST UPDATE.

SCDOT
 SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
 DESIGN STANDARDS OFFICE
 905 PARK STREET
 ROOM 405
 COLUMBIA, SC 29201

STANDARD DRAWING
 PEDESTRIAN RAMP
 CONDENSED
 TERMINAL
 (PARALLEL RAMP)

720-952-11
 EFFECTIVE (ISSUE DATE) JANUARY 2009



CAGLE CONSULTING ENGINEERS LLC
 PLANNING & DESIGN
 2554 W. Palmetto St., Suite F2, Florence, South Carolina 29501
 Ph. (843) 495-7452
 cagleengr@gmail.com

SIDEWALK PROGRAM, GILBERT STREET
PROJECT NO. 1219 (S. Merriman St. to Alex Alford Dr.)
CITY OF GEORGETOWN, SC

SCDOT STANDARD DRAWINGS

| REV | DESCRIPTION | BY |
|-----|------------------------|----|
| 0 | ISSUE FOR CONSTRUCTION | BC |
| | | |
| | | |
| | | |

DRAWN BY: BC CHK'D BY: BC
 DATE: 12/11/19 REV.: 4/16/20
 SCALE: AS SHOWN PROJ.#: C1913
 FILE: C1913.dwg

SHEET NUMBER:
C17

NOTE: THESE SCDOT STANDARD DRAWINGS ARE PROVIDED FOR INFORMATION AND REFERENCE "ONLY". THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN AND USE THE LATEST SCDOT STANDARD DRAWINGS AVAILABLE FROM SCDOT AT <https://www.scdot.org/business/standard-drawings>