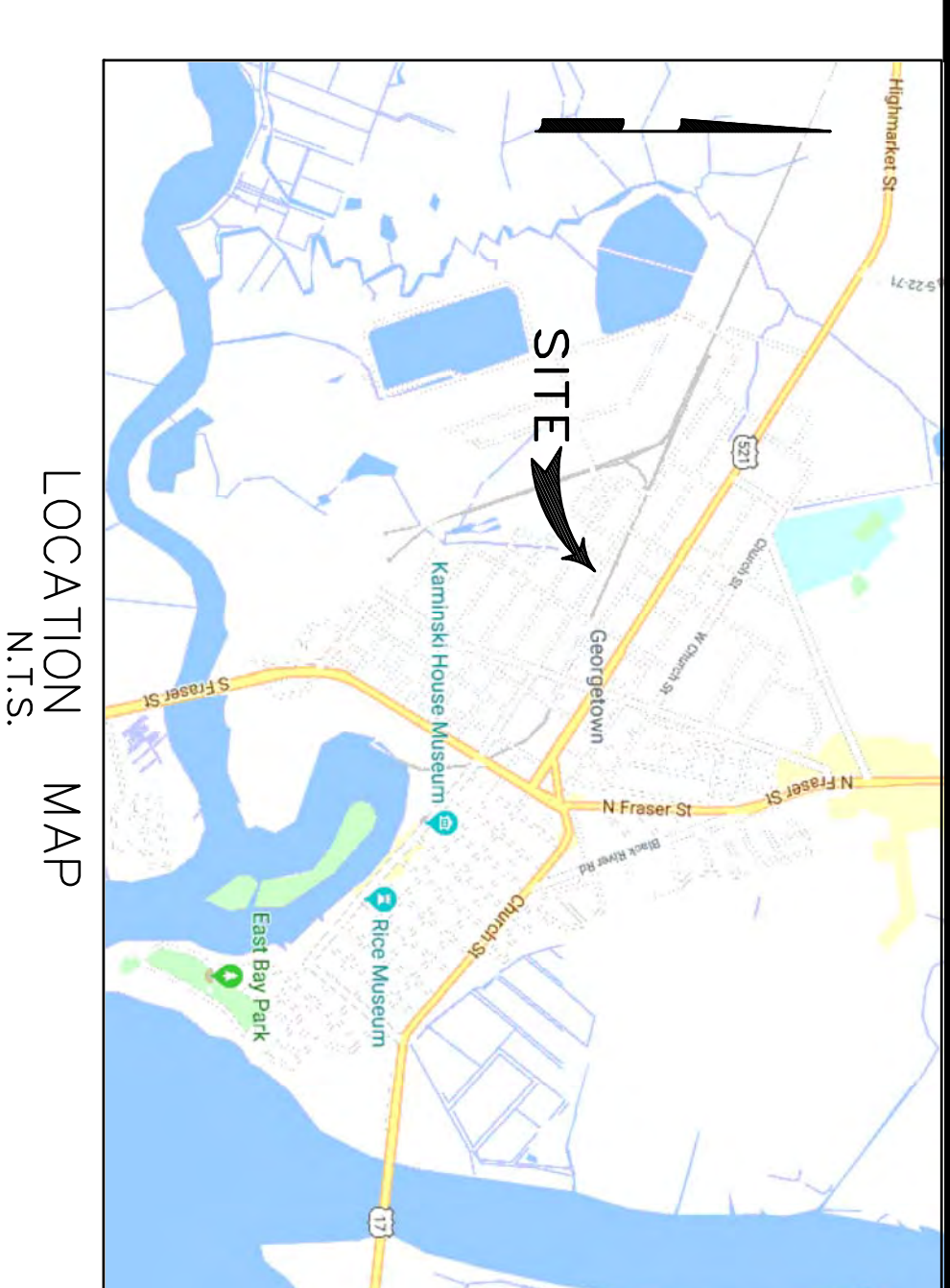


FRONT STREET SIDEWALK IMPROVEMENTS - PROJECT NO. 1214 (Alex Alford to LaFayette)



CITY OF GEORGETOWN
GEORGETOWN, SOUTH CAROLINA

JULY 11, 2018

Prepared By:



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C13	SCDOT STANDARD DRAWINGS	B	7/11/18
C14	SCDOT STANDARD DRAWINGS	B	7/11/18

PROJECT CONTACTS

CONTACT NAME	TITLE	PHONE NO.
ORLANDO ARTEAGA, P.E.	CITY ENGINEER	(843) 545-4501
TIM CHATMAN	PUBLIC WORKS ENGINEER	(843) 545-4702
JUSTIN MOONEY	ENGINEER TECH.	(843) 545-4504
WILL COOK	WATER UTILITIES	(843) 545-4505
ALAN LOVELESS, P.E.	ELECTRIC UTILITIES	(843) 545-4600

	REV.	DESCRIPTION	BY	COVER SHEET SHEET NUMBER : <h1>G1</h1> SHEET 1 OF 16
	A	ISSUED FOR REVIEW	BC	
	B	ISSUED FOR PERMITTING	BC	
	C	ISSUED FOR BIDS	BC	
	DRAWN BY: BC	CHNG BY: BC	DATE : 4/27/18	REV. : 7/11/18
FILE: C1806.dwg				

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. Sawcut and remove any existing concrete and asphalt as required per Site Plans.
3. 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.
4. Install storm drainage modifications and/or new storm drainage, if required.
5. Grade sidewalk area to subgrades as required per Grading Plans.
6. Form and pour new concrete sidewalk.
7. Match grade of all street crossings and driveways.
8. Backfill shoulders along sidewalk with clean topsoil as required.
9. Install pavement markings as shown on Plans.
10. Cleanup trash and materials from the site.
11. Seed and mulch all disturbed areas to be grassed, if hydroseeding, DO NOT spray hydroseed mix on new concrete sidewalks, other pavements or structures.
12. Establish 70% grassing stabilization on disturbed areas next to the new concrete sidewalk.
13. Remove temporary erosion control BMPs.
14. Final cleanup of the site.
15. Final inspection by the Civil Engineer and the City of Georgetown Engineering Department.

STANDARD NOTES

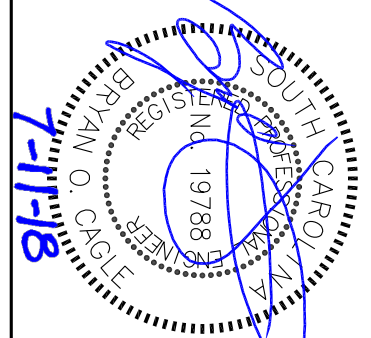
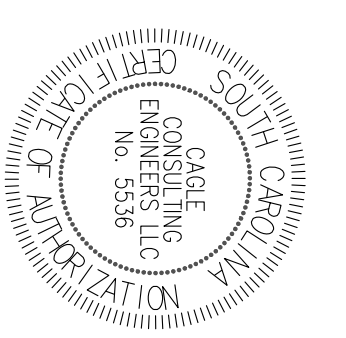
1. If necessary, slopes, which exceed eight (8) vertical feet should be stabilized with synthetic or vegetative mats, in addition to hydroseeding. It may be necessary to install temporary slope drains during construction. Temporary berms may be needed until the slope is brought to grade.
2. Stabilization 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. 72-500 et seq. and SCR1000000.
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, inspectors 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.

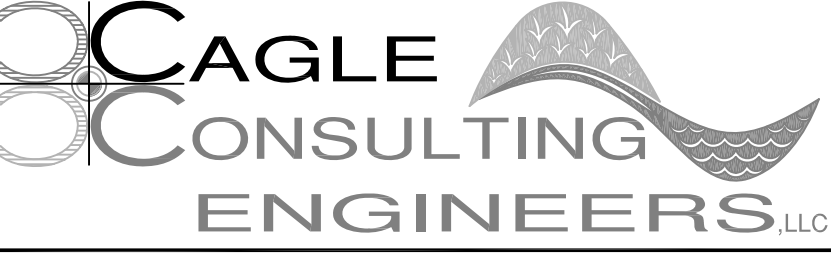
STANDARD NOTES

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

DRAWN BY: BC CHK'D BY: BC
 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg
 SHEET NUMBER:

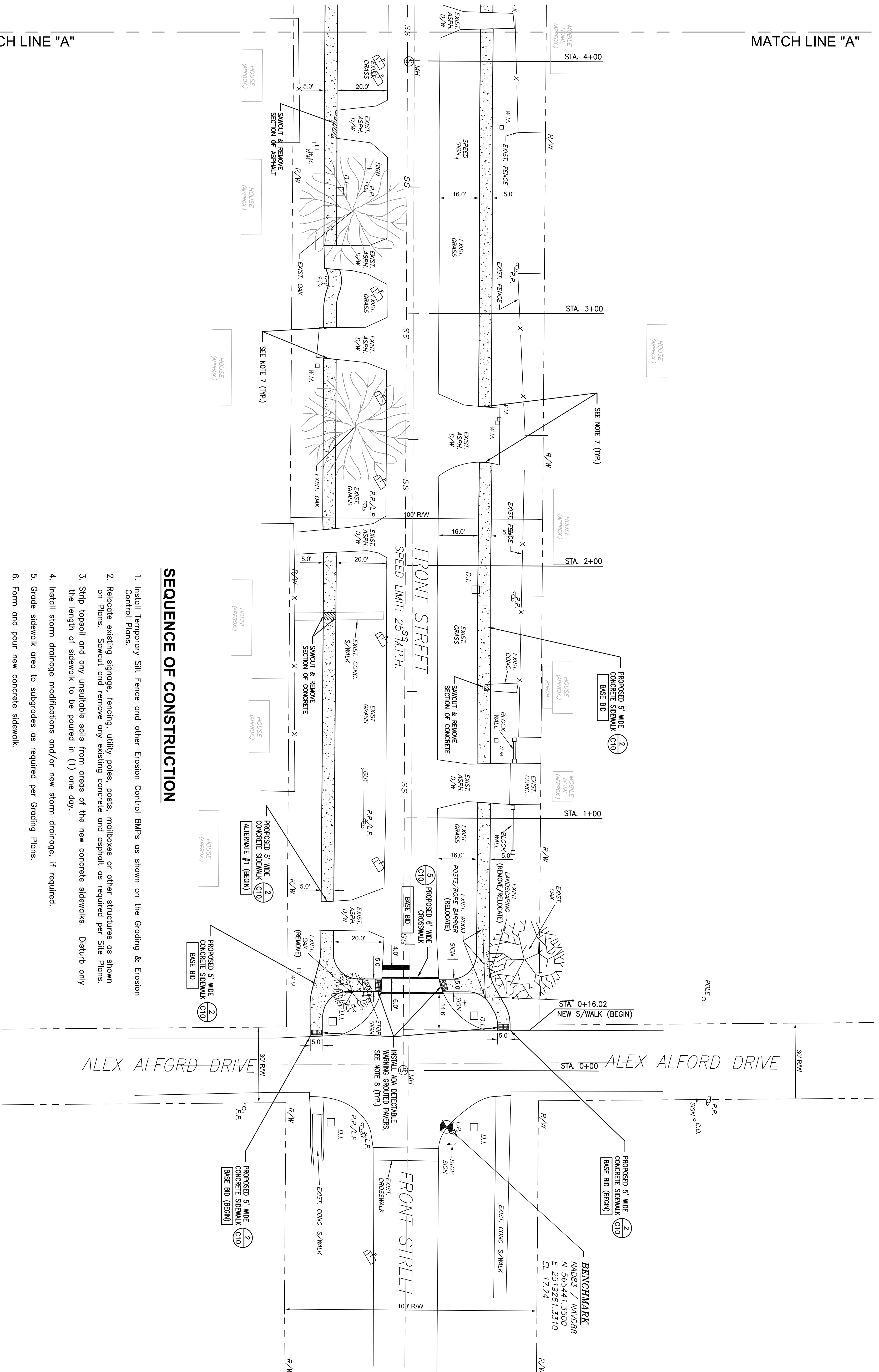
FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC




CAGLE CONSULTING ENGINEERS LLC
 PLANNING & DESIGN
 1937 W. Palmetto St., Box 123, Florence, South Carolina 29501
 Ph. (843) 495-7452 bcagle.civilenr@gmail.com

MATCH LINE "A"

MATCH LINE "A"



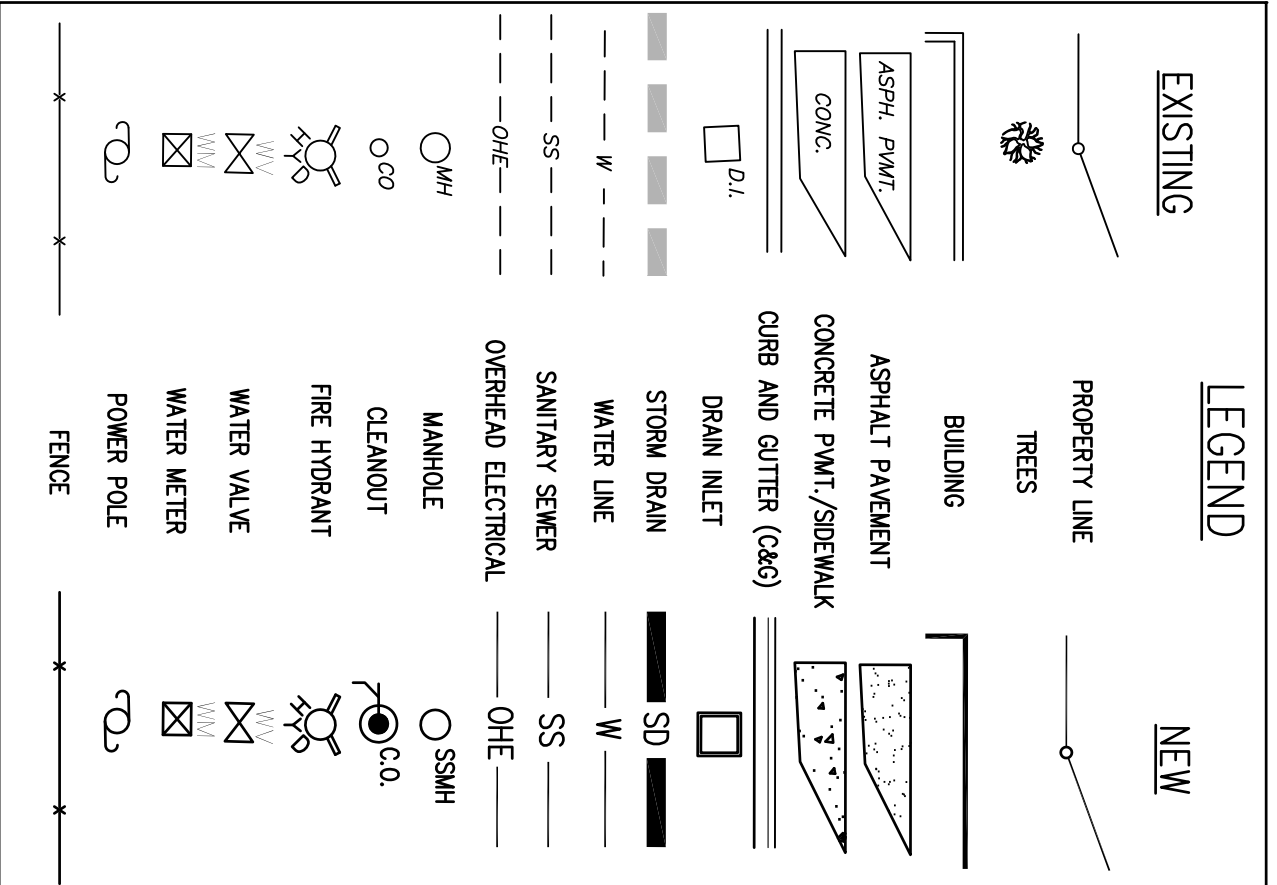
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12. Establish 70% grassing stabilization on disturbed areas next to the new concrete sidewalk.
13. Remove temporary erosion control BMPs.
14. Final cleanup of the site.
15. Final inspection by the Civil Engineer and the City of Georgetown Engineering Department.

ALEX ALFORD DRIVE

ALEX ALFORD DRIVE

FRONT STREET



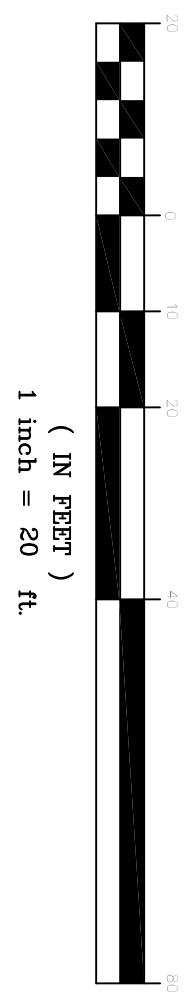
GENERAL NOTES

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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 OF THE STATE TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR 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 OWNER PRIOR TO BEGINNING CONSTRUCTION. CALL BROWN SCALE AT 843-495-7452.
4. ALL NEW PAVEMENTS SHALL HAVE A STRAIGHT, CLEAN AND VERTICAL EDGE FOR PLACEMENT AND SHALL BE COMPACTED ACCORDING TO REQUIREMENTS WHERE NEW PAVEMENTS ARE EXISTING PAVED OR SPASHERD ONTO EXISTING PAVEMENTS OR STRUCTURES. THE CONTRACTOR WILL BE RESPONSIBLE TO CLEAN OR REPLACE EXISTING PAVEMENTS OR STRUCTURES IF THIS OCCURS.
5. REFER TO OTHER CIVIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.
6. REMOVE AND RELOCATE ALL SIGNS, MAILBOX POSTS, FENCING, POSTS AND OTHER STRUCTURES AS NECESSARY.
7. SAWCUT A STRAIGHT, CLEAN, VERTICAL EDGE AT ALL LOCATIONS WHERE NEW SIDEWALK JOINS EXISTING ASPHALT/CONCRETE DRIVEWAYS, CONCRETE SIDEWALK AND ASPHALT PAVEMENT.
8. DETECTABLE WARNING GROUDED PAVERS SHALL BE INSTALLED AT ALL CROSSINGS OF SIDEWALKS TO DRIVEWAYS OR STREETS OR OTHER PAVED AREAS AND GROUT TO BE SELECTED BY THE CITY OF GEORGETOWN.

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GRAPHIC SCALE

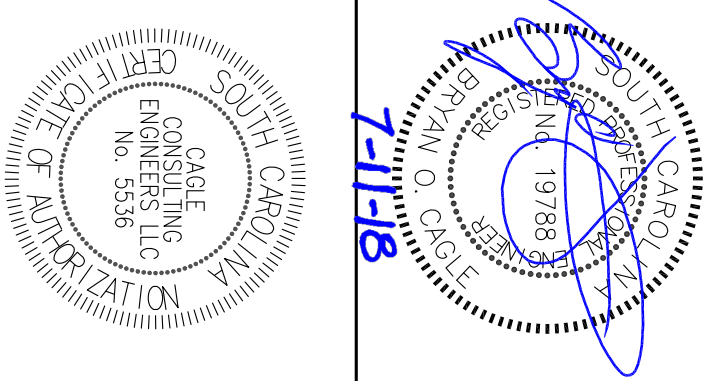
**FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC**

**PROPOSED
SITE PLAN
(1 OF 4)**

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

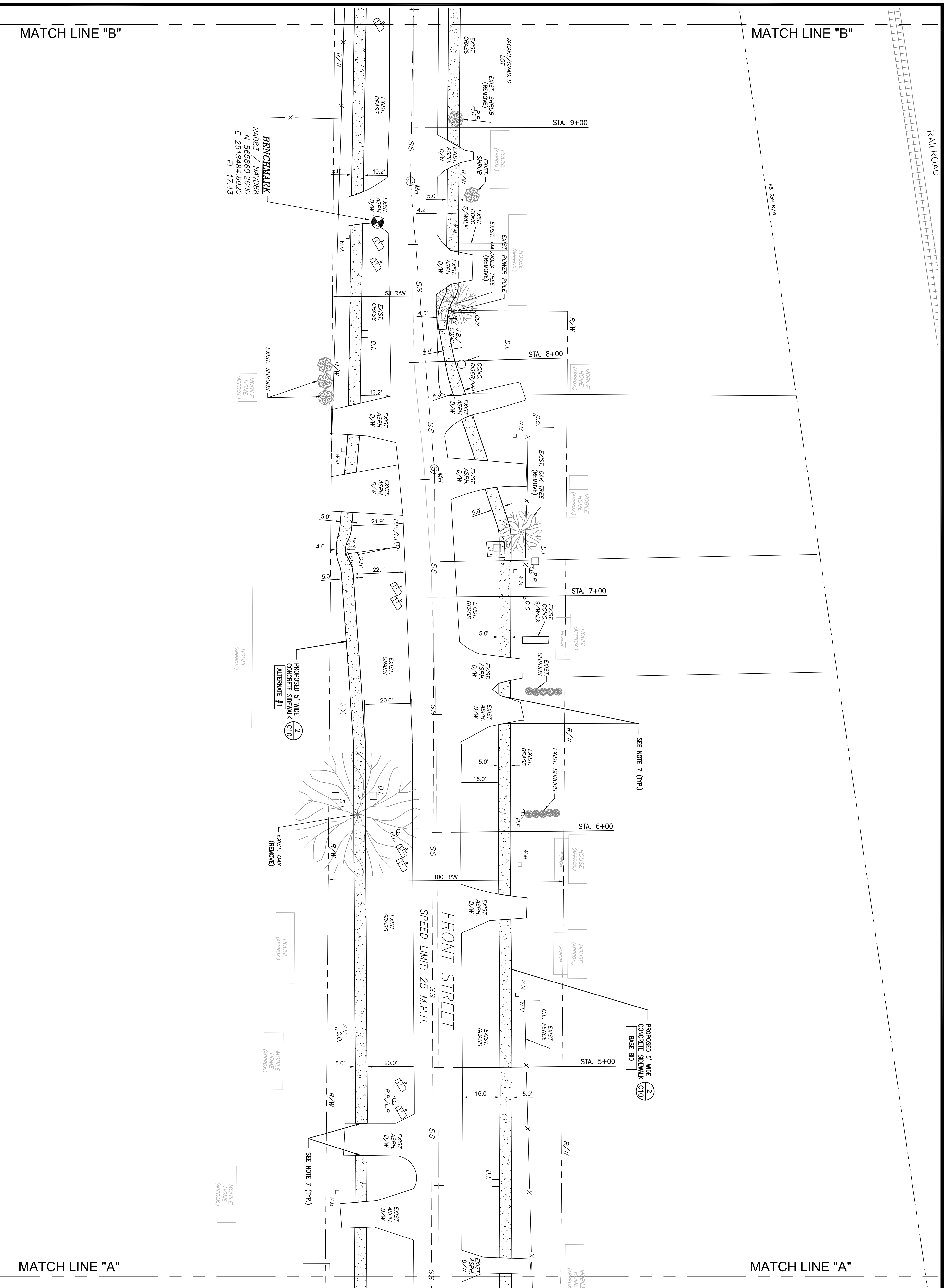
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 FILE: C1806.dwg

C2



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- THE CONTRACTOR SHALL TAKE EXTREME CAUTION TO PROTECT EXISTING UTILITIES. NOTIFY THE OWNER PRIOR TO BEGINNING CONSTRUCTION. CALL BROWN SCALE AT 904-985-7452.
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- DETECTABLE WARNING GROUDED PAVERS SHALL BE INSTALLED AT ALL SIDEWALK CHANGES TO CROSSING OR AT THE CORNER OF THE STANDARD DRAWING # 720-911-01 ON SHEET C12. COLOR OF THE PAVERS AND GROUT TO BE SELECTED BY THE CITY OF GEORGETOWN.

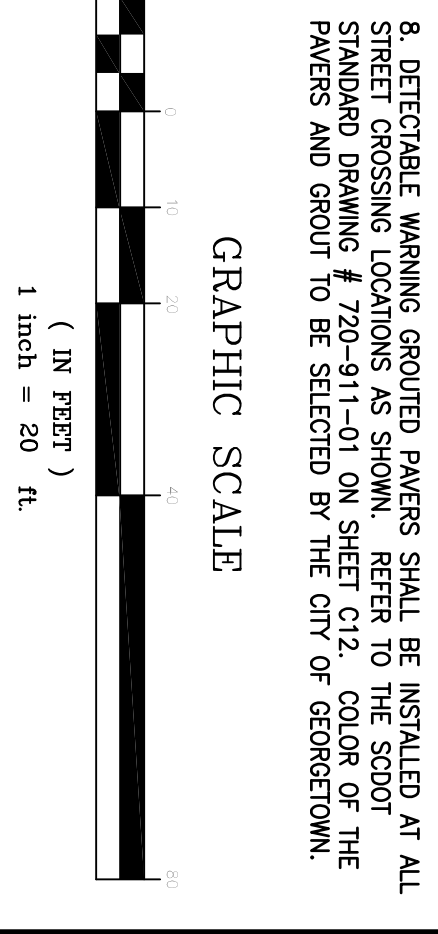
LEGEND

EXISTING	NEW
PROPERTY LINE	PROPERTY LINE
TREES	TREES
BUILDING	BUILDING
ASPHALT PAVEMENT	ASPHALT PAVEMENT
CONCRETE PAVT./SIDEWALK	CONCRETE PAVT./SIDEWALK
DRAIN INLET	DRAIN INLET
STORM DRAIN	STORM DRAIN
WATER LINE	WATER LINE
SEWER LINE	SEWER LINE
OVERHEAD ELECTRICAL	OVERHEAD ELECTRICAL
MANHOLE	MANHOLE
CLEANOUT	CLEANOUT
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
WATER METER	WATER METER
POWER POLE	POWER POLE
FENCE	FENCE

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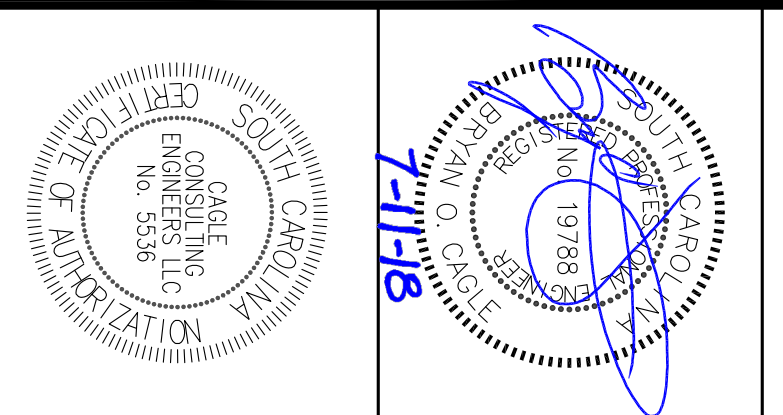


PROPOSED SITE PLAN (2 OF 4)

REV.	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

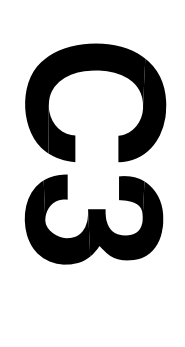
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 FILE: C1806.dwg

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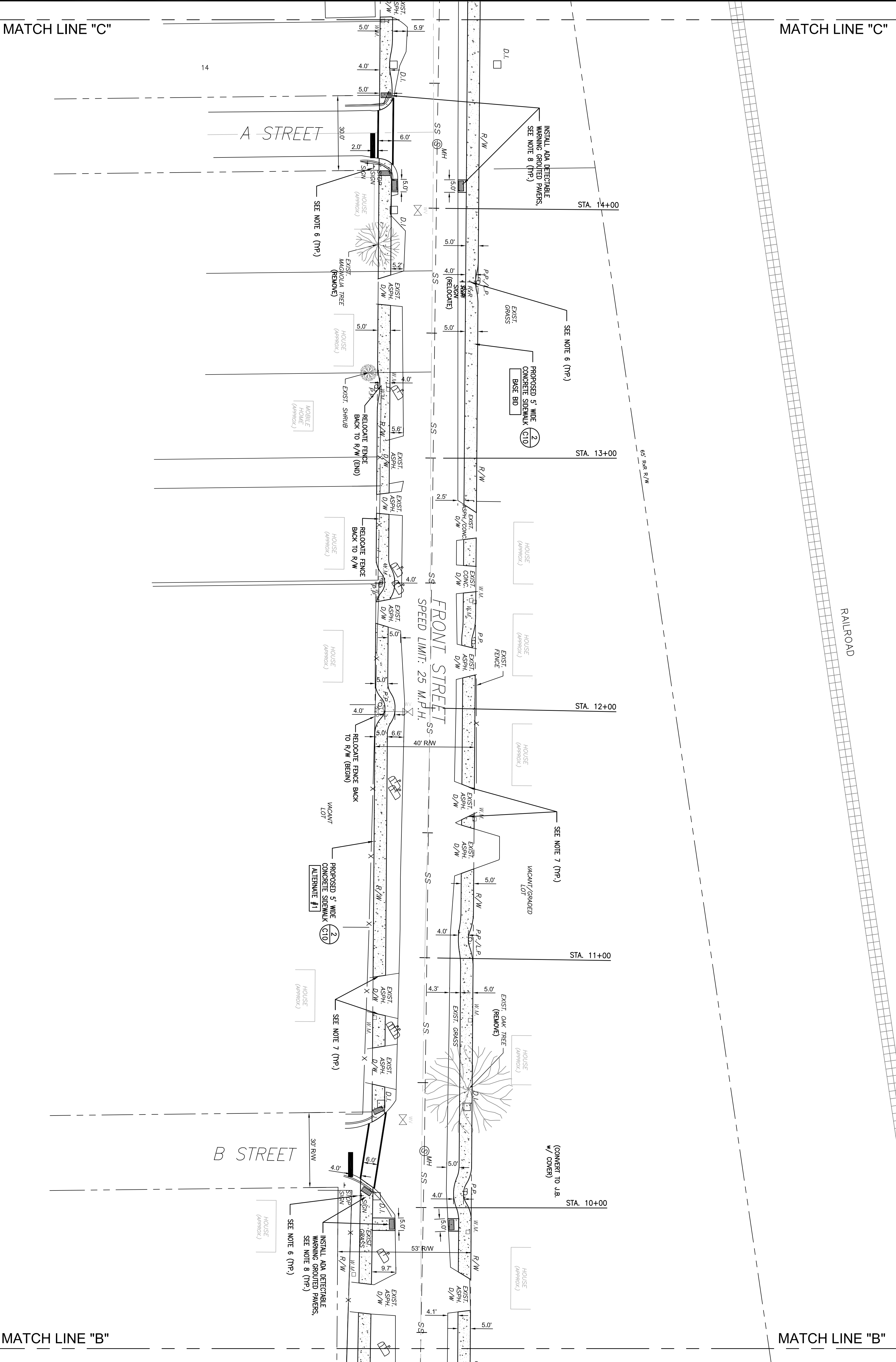


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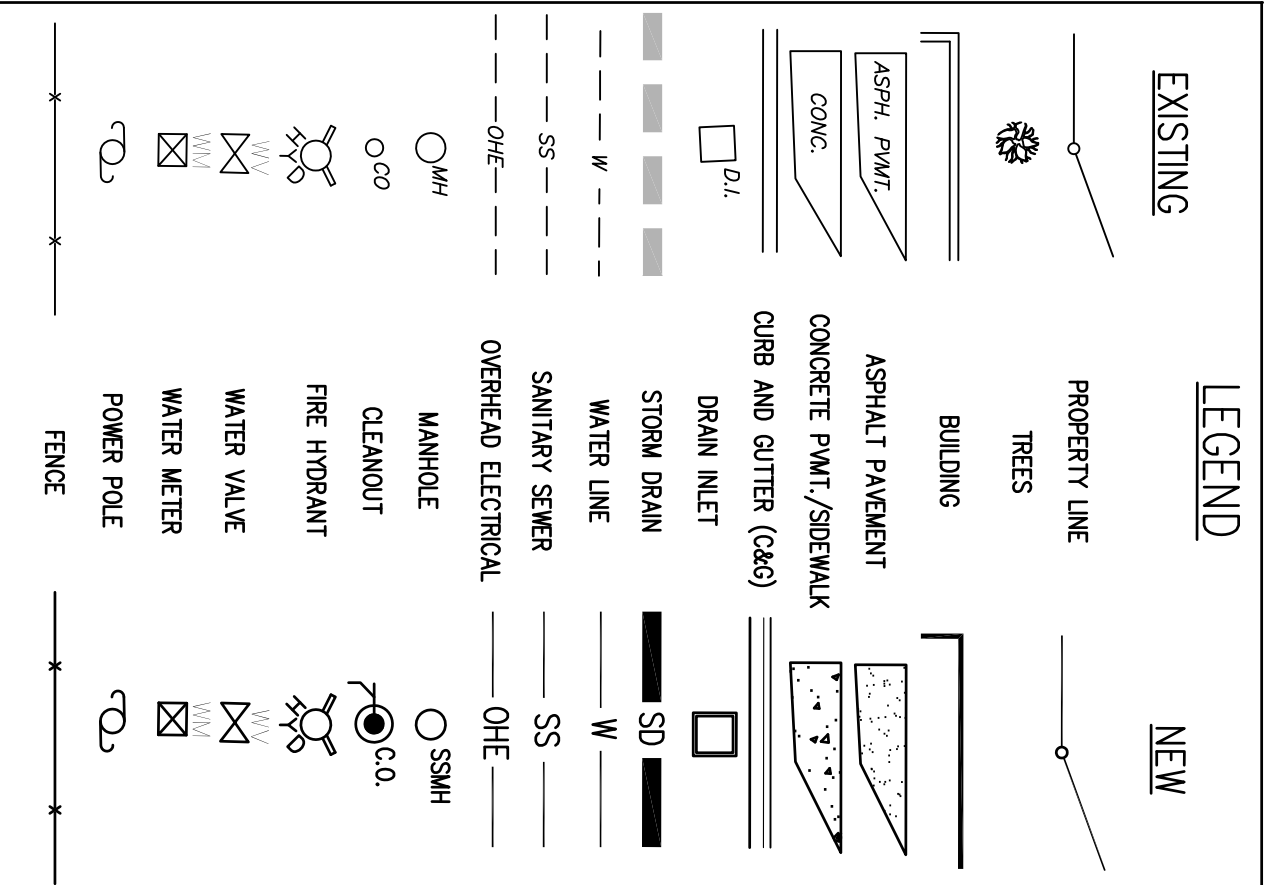
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GENERAL NOTES

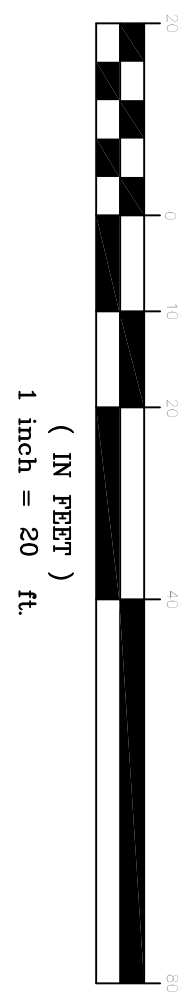
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8. DETECTABLE WARNING GROUDED PAVERS SHALL BE INSTALLED AT ALL STREET CROSSING LOCATIONS AS SHOWN. REFER TO THE SDOOT FOR THE SPECIFICATIONS AND SCALE. THE SCALE OF THE DRAWING AND PAGES AND GROUT TO BE SELECTED BY THE CITY OF GEORGETOWN.



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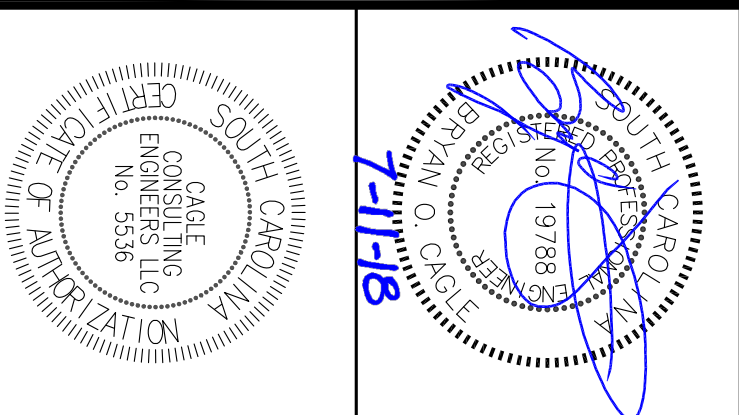


PROPOSED SITE PLAN (3 OF 4)

REV	DESCRIPTION	BY
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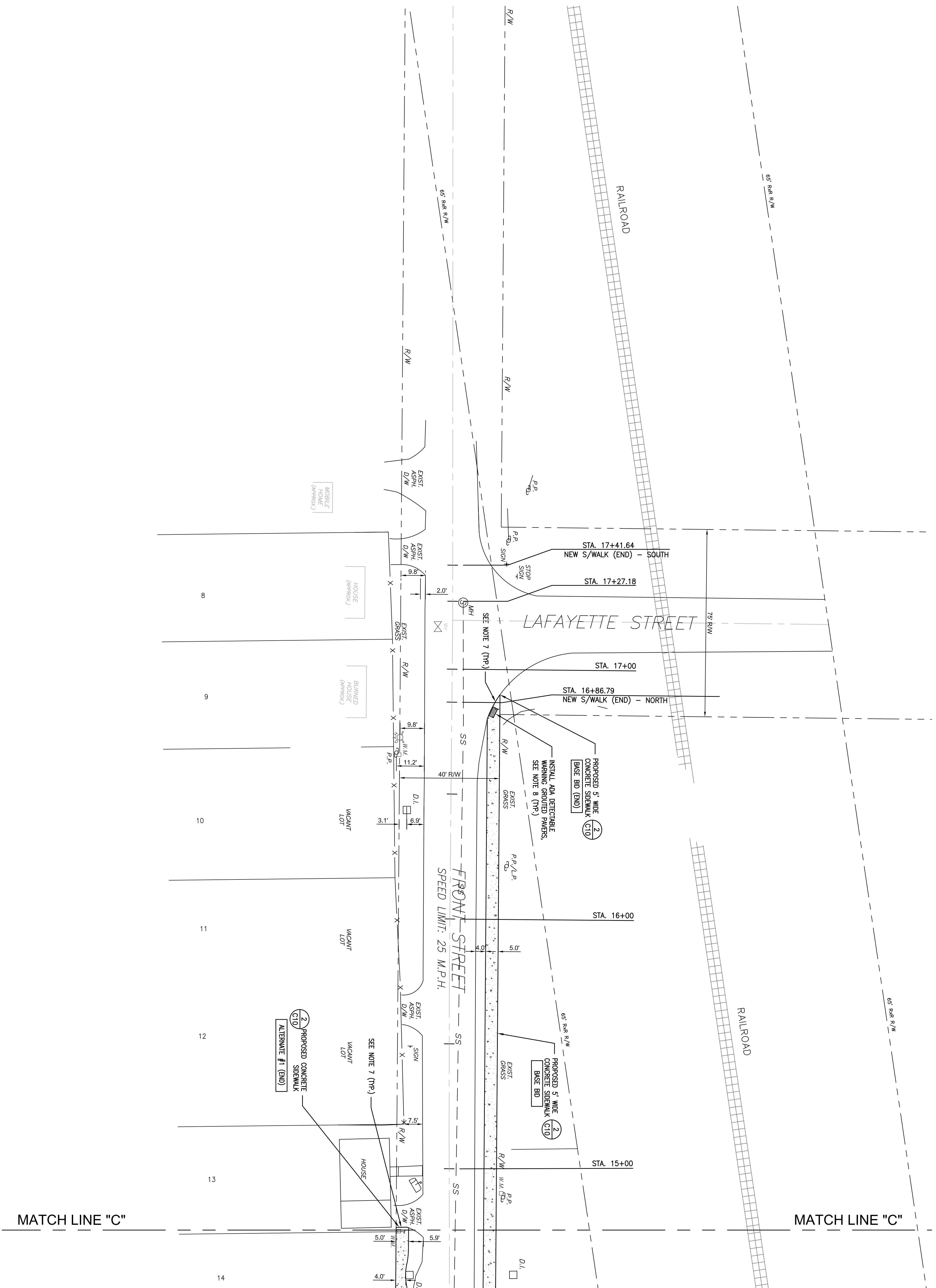
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 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg
 SHEET NUMBER:
C4

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CAGLE CONSULTING ENGINEERS, LLC
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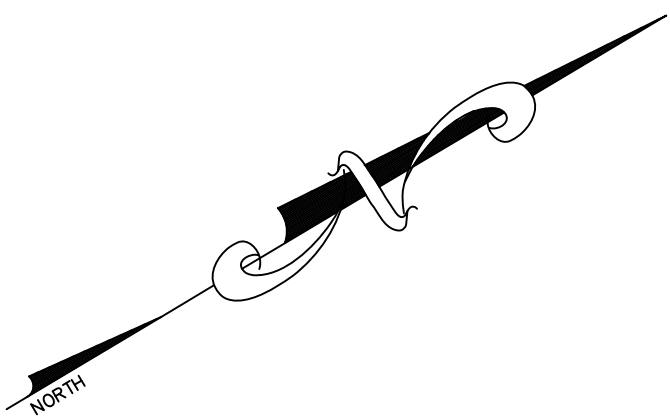
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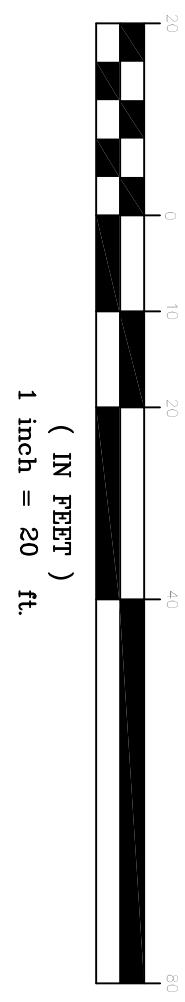


LEGEND	
EXISTING	NEW

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- 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. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES IN THE PROJECT AREA BEFORE EXCAVATING.
- REFER TO OTHER CIVIL SHEETS FOR ADDITIONAL NOTES AND DETAILS.
- REMOVE AND RELOCATE ALL SIGNS, MAILBOX POSTS, FENCINGS, POSTS AND OTHER STRUCTURES AS NECESSARY.
- SAW-CUT A STRAIGHT, CLEAN, VERTICAL EDGE AT ALL LOCATIONS WHERE NEW SIDEWALK JOINS EXISTING ASPHALT/CONCRETE DRIVEWAYS, CONCRETE SIDEWALK AND ASPHALT PAVEMENT.
- DETECTABLE WARNING GROUDED PAVERS SHALL BE INSTALLED AT ALL STREET CROSSING LOCATIONS AS SHOWN. REFER TO THE SCDD STANDARD DRAWING # 720-911-01 ON SHEET C12. COLOR OF THE PAVERS AND GROUT TO BE SELECTED BY THE CITY OF GEORGETOWN.

GRAPHIC SCALE



FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC

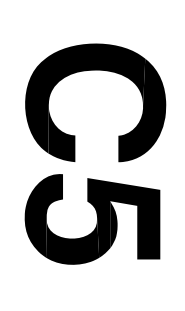
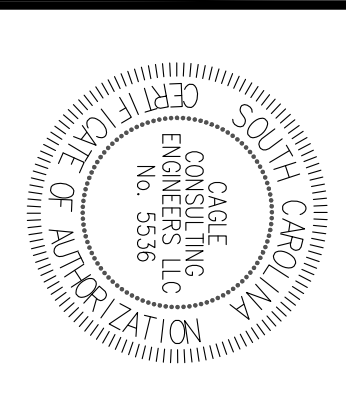
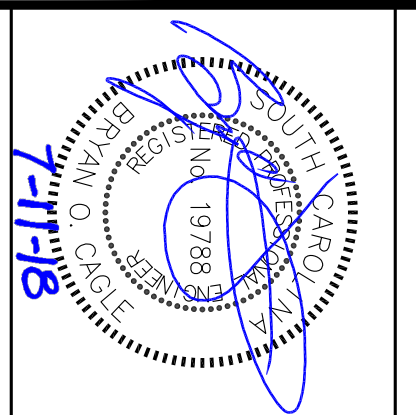
PROPOSED SITE PLAN (4 OF 4)

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

DESIGNED BY: BC
 CHECKED BY: BC
 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg

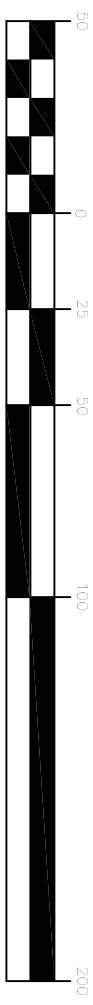
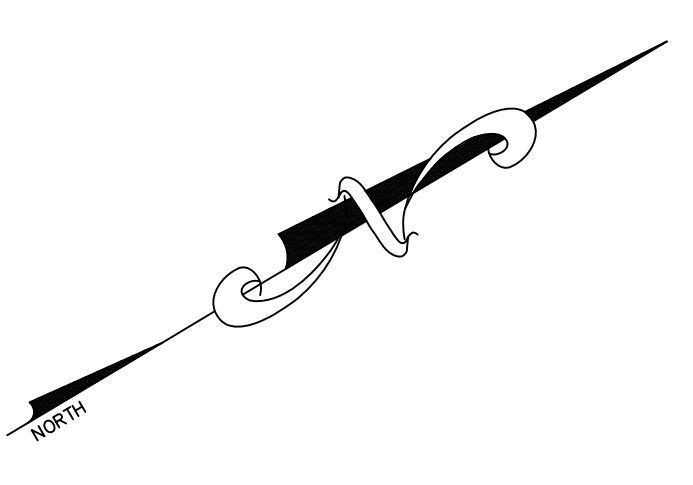
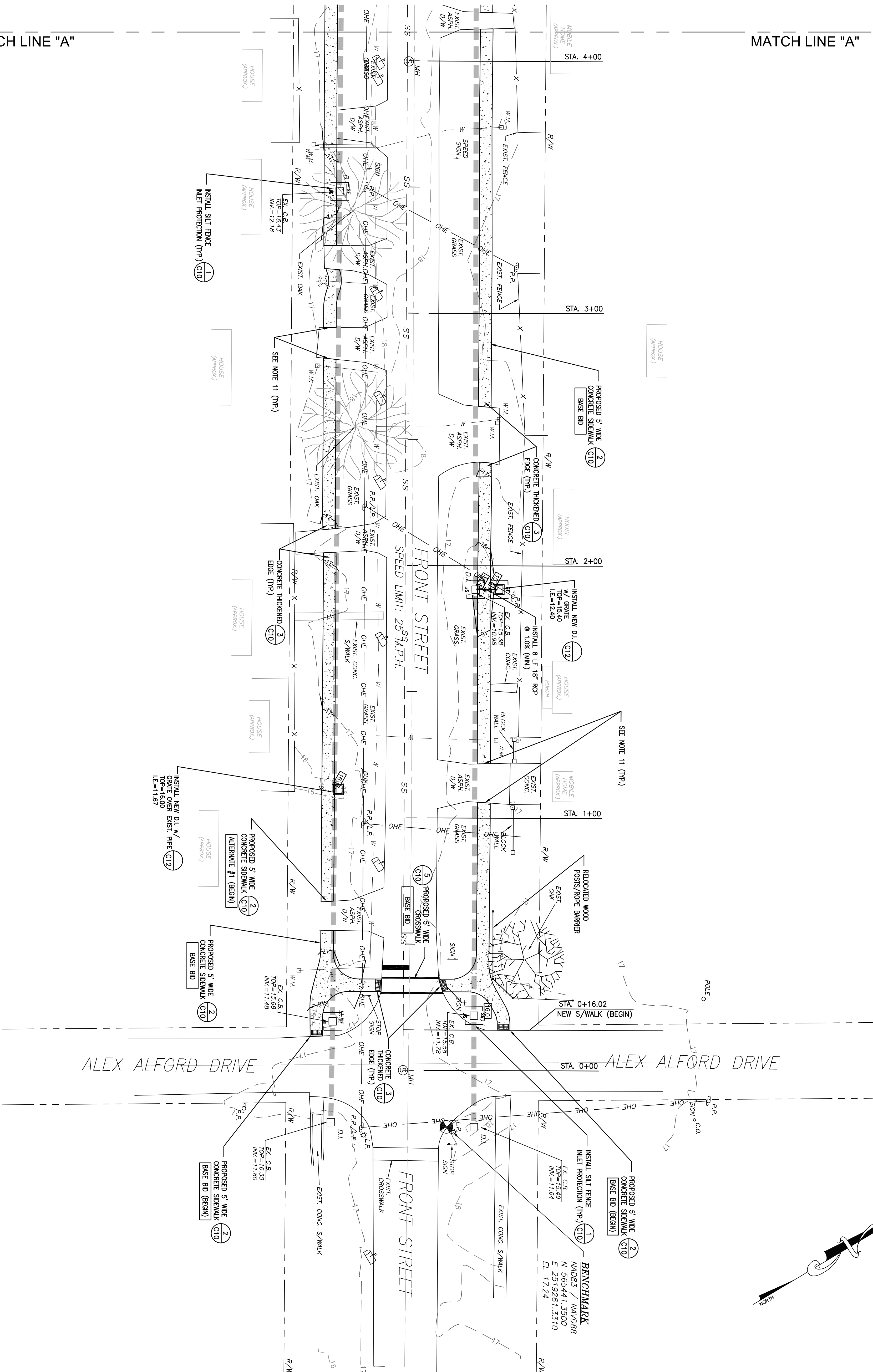
CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN

1937 W. Palmetto St., Box 123, Florence, South Carolina 29501
 Ph. (843) 495-7452 bcagle.civilenr@gmail.com



MATCH LINE "A"

MATCH LINE "A"



South Carolina 811
CALL 811 - BEFORE YOU DIG

AT LEAST 3 DAYS (72 HOURS) BEFORE DIGGING,
CALL 811
or CALL TOLL-FREE:
1-888-221-7877
or VISIT A LOCATE REQUEST ONLINE AT www.sc811.com

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LEGEND

EXISTING	NEW
PROPERTY LINE	PROPERTY LINE
TREES	TREES
BUILDING	BUILDING
ASPH. PAVT.	ASPHALT PAVEMENT
CONC.	CONCRETE PAVT./SIDEWALK
CONCRETE PAVT./SIDEWALK	CURB AND GUTTER (C&G)
DRAIN NIET	DRAIN NIET
STORM DRAIN	STORM DRAIN
WATER LINE	WATER LINE
SANITARY SEWER	SANITARY SEWER
OVERHEAD ELECTRICAL	OVERHEAD ELECTRICAL
MANHOLE	MANHOLE
CLEANOUT	CLEANOUT
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
POWER POLE	POWER POLE
SPOT ELEVATION	SPOT ELEVATION
CONTROL LINE	CONTROL LINE
SILT FENCE	SILT FENCE

GRADING NOTES

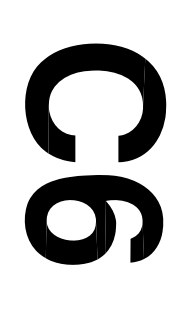
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3. EARTHWORK SHALL BE TO THE GRADES AND LINES SHOWN. CONSTRUCTION SHALL BE ACCOMPLISHED IN THE FIELD TO THE CONTRACTOR'S SATISFACTION. THE RESULTS OF THE CONSTRUCTION SHALL BE CONDUCTED, IF REQUIRED, DUE TO POOR COMPACTATION.
4. ALL SOFT SPOTS SHALL 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.
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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 SEDED AREAS BEFORE FINAL APPROVAL.
10. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL NECESSARY TESTS AND APPROVALS. THE RESULTS BEFORE ANY PRELIMINARY AND/OR FINAL APPROVALS.
11. MATCH EXISTING ASPHALT OR CONCRETE PAVEMENT AND DRIVEWAYS, 12. DISTURBED AREA (BASE BID AND ALTERNATE) = 0.4 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 COVERS(S) SHALL BE INSTALLED TO REPLACE BROKEN COVERS(S). COORDINATE WITH THE CITY OF GEORGETOWN UTILITIES DEPARTMENT.

**FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC**

**GRADING &
EROSION
CONTROL PLAN
(1 OF 4)**

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

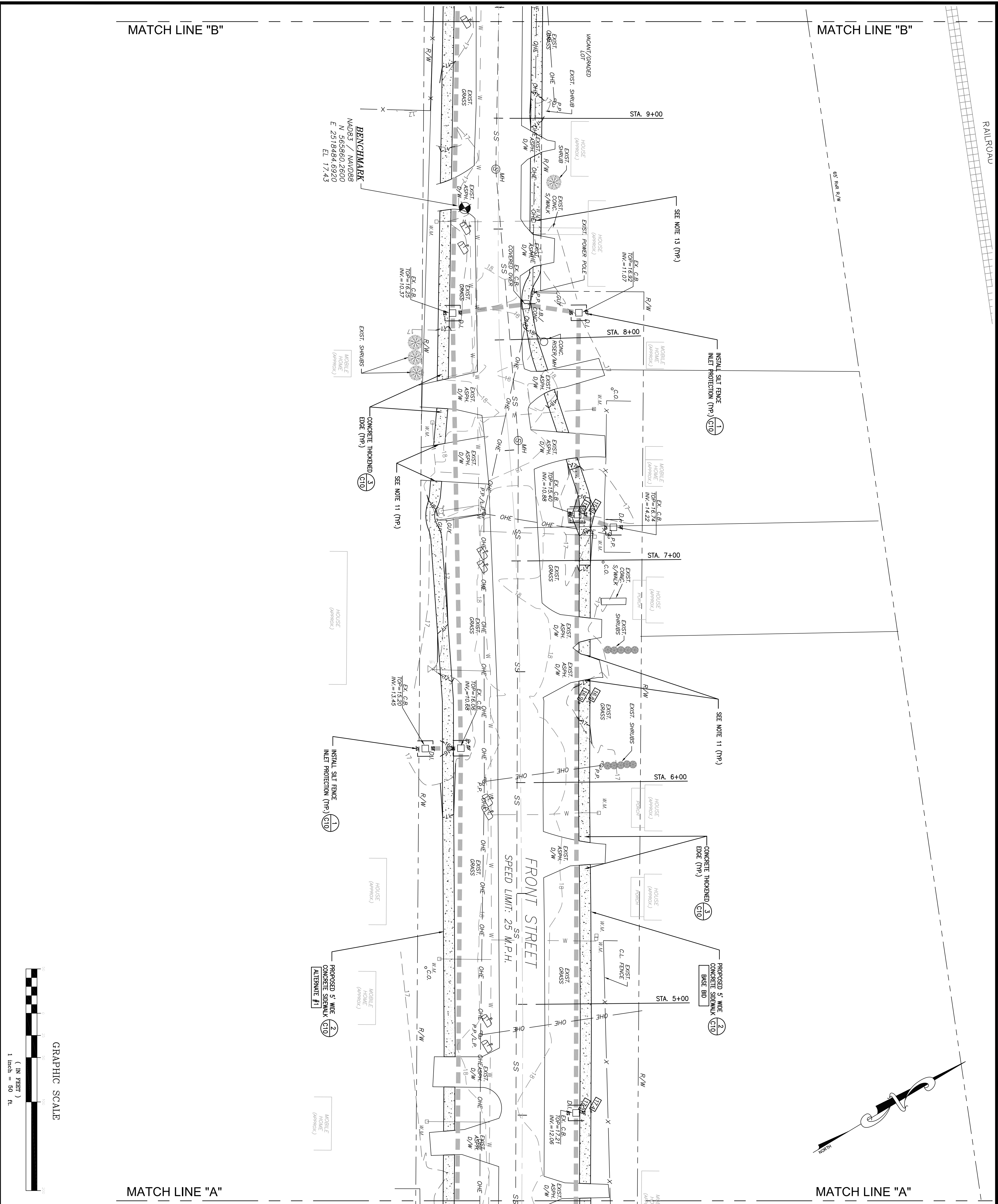
DRAWN BY: BC CHK'D BY: BC
 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg
 SHEET NUMBER:



Professional Engineer Seal for Cagle Consulting Engineers, LLC, License No. 3584, State of South Carolina. The seal is circular and includes the text 'SOUTH CAROLINA PROFESSIONAL ENGINEER' and 'CAGLE CONSULTING ENGINEERS, LLC'.

CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN

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Ph. (843) 495-7452 bcagle.civilenr@gmail.com

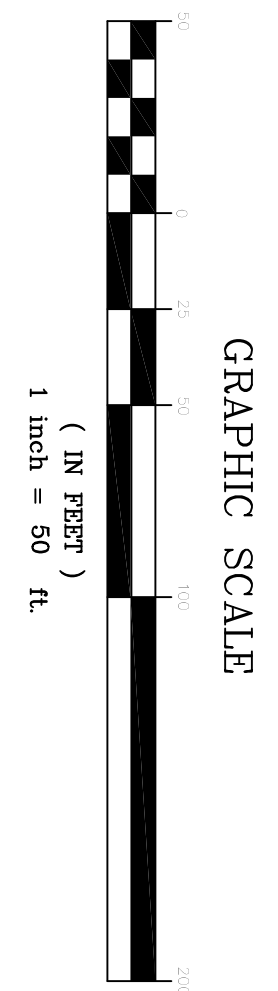


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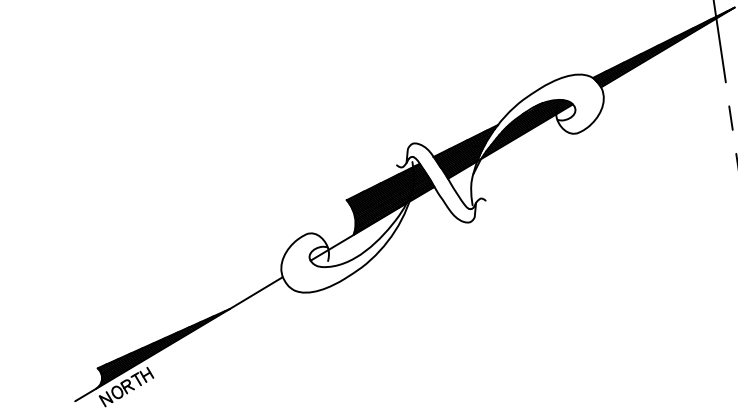
MATCH LINE "B"

MATCH LINE "A"

MATCH LINE "A"



GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.



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EXISTING	NEW
PROPERTY LINE	PROPERTY LINE
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BUILDING	BUILDING
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CONC.	CONCRETE PAVT./SIDEWALK
DRAIN	CURB AND GUTTER (C&G)
DRAIN INLET	DRAIN INLET
STORM DRAIN	STORM DRAIN
WATER LINE	WATER LINE
SANITARY SEWER	SANITARY SEWER
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MANHOLE	MANHOLE
CLEANOUT	CLEANOUT
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
WATER METER	WATER METER
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CONTROL LINE	CONTROL LINE
SILT FENCE	SILT FENCE

GRADING NOTES

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**FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC**

**GRADING &
EROSION
CONTROL PLAN
(2 OF 4)**

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

DRAWN BY: BC CHK'D BY: BC
 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg
 SHEET NUMBER:
C7

CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN

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Ph. (843) 495-7452 bcagle.civilenr@gmail.com

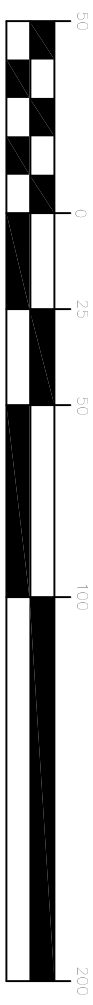
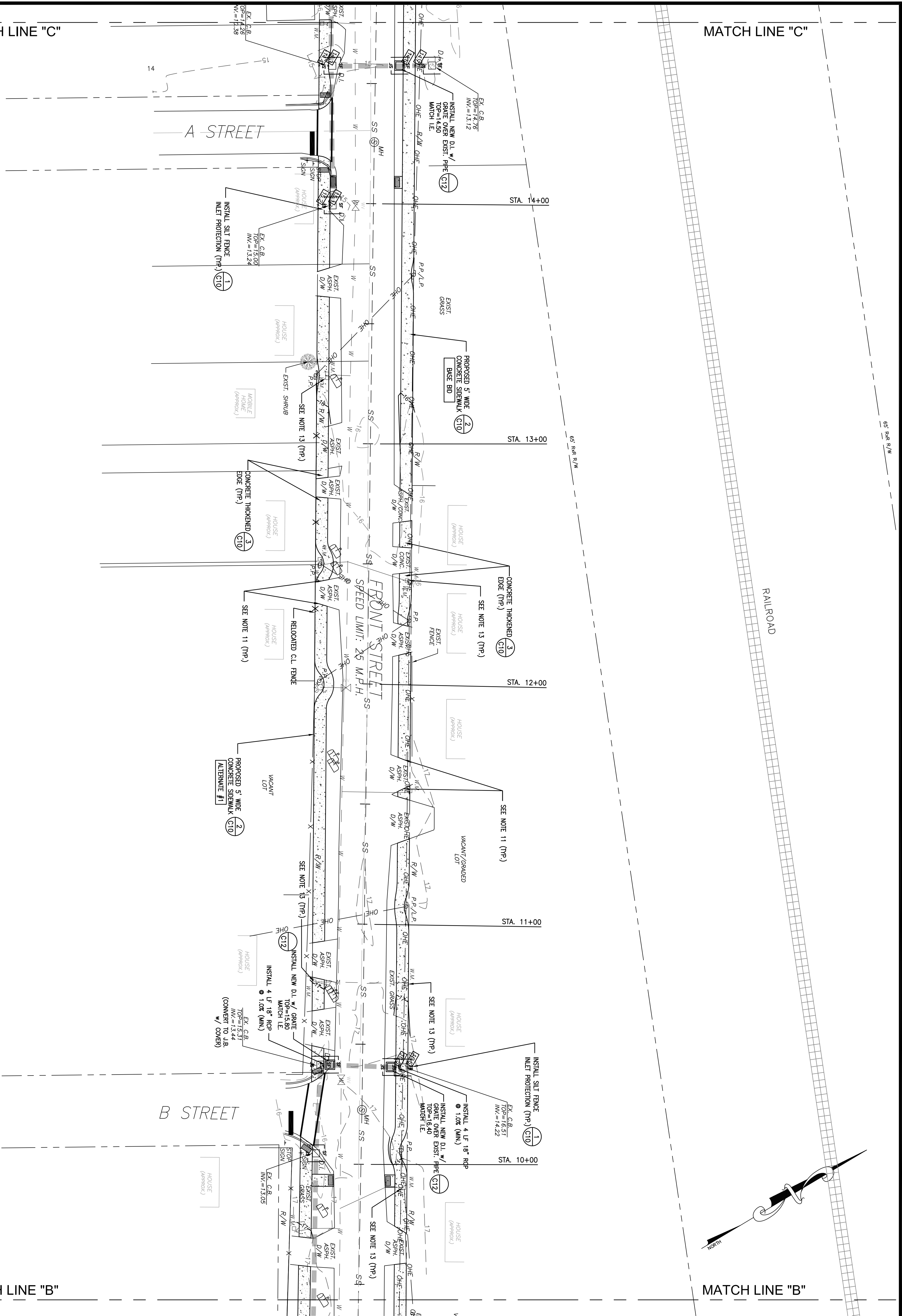
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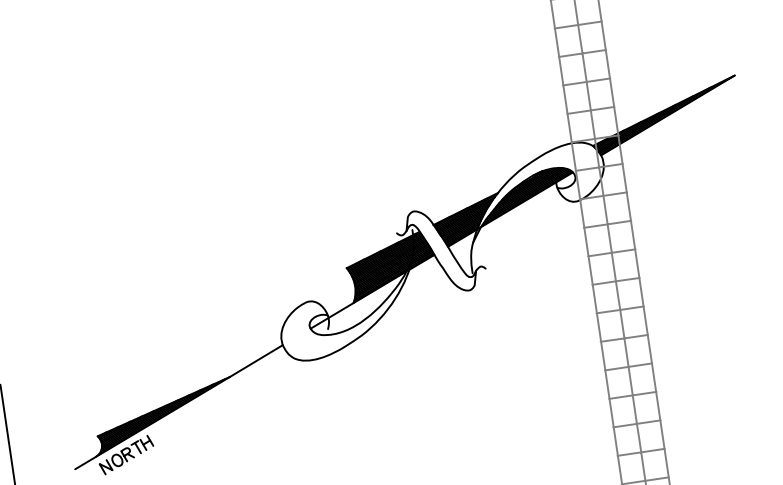
MATCH LINE "C"

MATCH LINE "B"

MATCH LINE "B"



GRAPHIC SCALE



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LEGEND

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TREES	TREES
BUILDING	BUILDING
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CONC.	CONCRETE PAVT./SIDEWALK
CONC. CURB AND GUTTER (24x)	CONCRETE CURB AND GUTTER (24x)
DRAIN INLET	DRAIN INLET
STORM DRAIN	STORM DRAIN
WATER LINE	WATER LINE
SANITARY SEWER	SANITARY SEWER
OVERHEAD ELECTRICAL	OVERHEAD ELECTRICAL
MANHOLE	MANHOLE
CLEANOUT	CLEANOUT
FIRE HYDRANT	FIRE HYDRANT
WATER VALVE	WATER VALVE
WATER METER	WATER METER
POWER POLE	POWER POLE
FENCE	FENCE
SPOT ELEVATION	SPOT ELEVATION
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SILT FENCE	SILT FENCE

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FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC

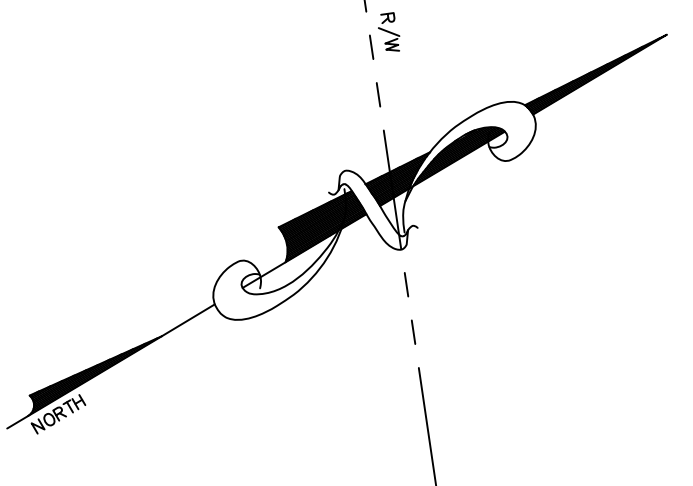
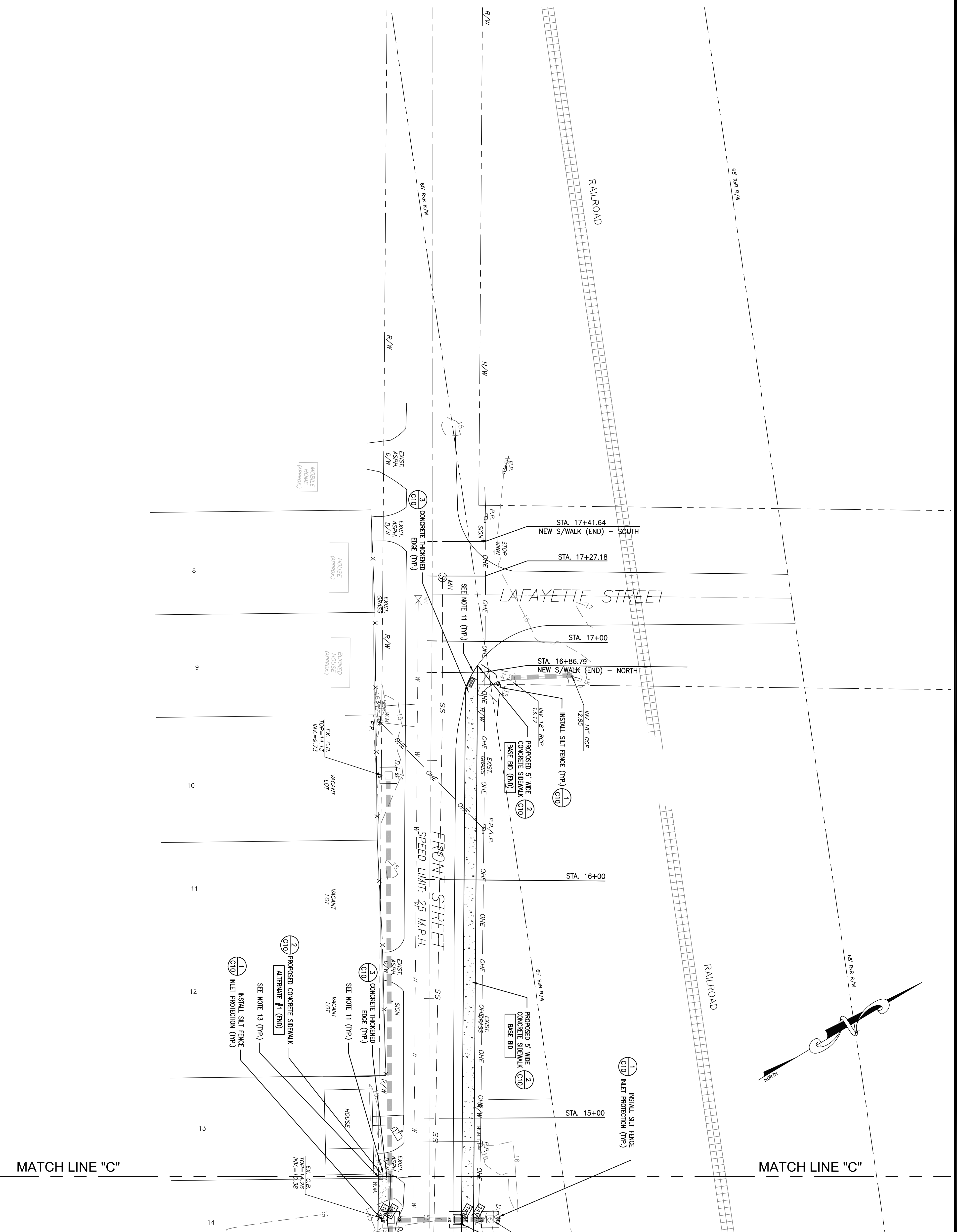
CAGLE CONSULTING ENGINEERS, LLC
PLANNING & DESIGN

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Ph. (843) 495-7452
bcagle.civilenr@gmail.com

GRADING & EROSION CONTROL PLAN (3 OF 4)

REV.	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

DATE: 4/27/18 REV: 7/11/18
SCALE(S) SHOWN: PROJ.# C1806
FILE: C1806.dwg
SHEET NUMBER:
C8



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EXISTING	NEW

GRADING NOTES

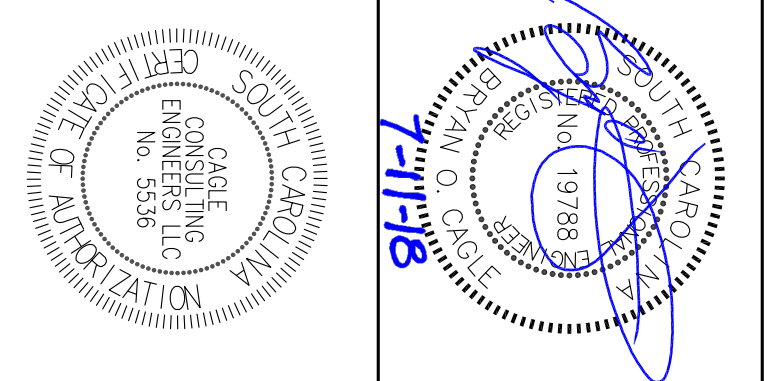
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FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC

GRADING & EROSION CONTROL PLAN
(4 OF 4)

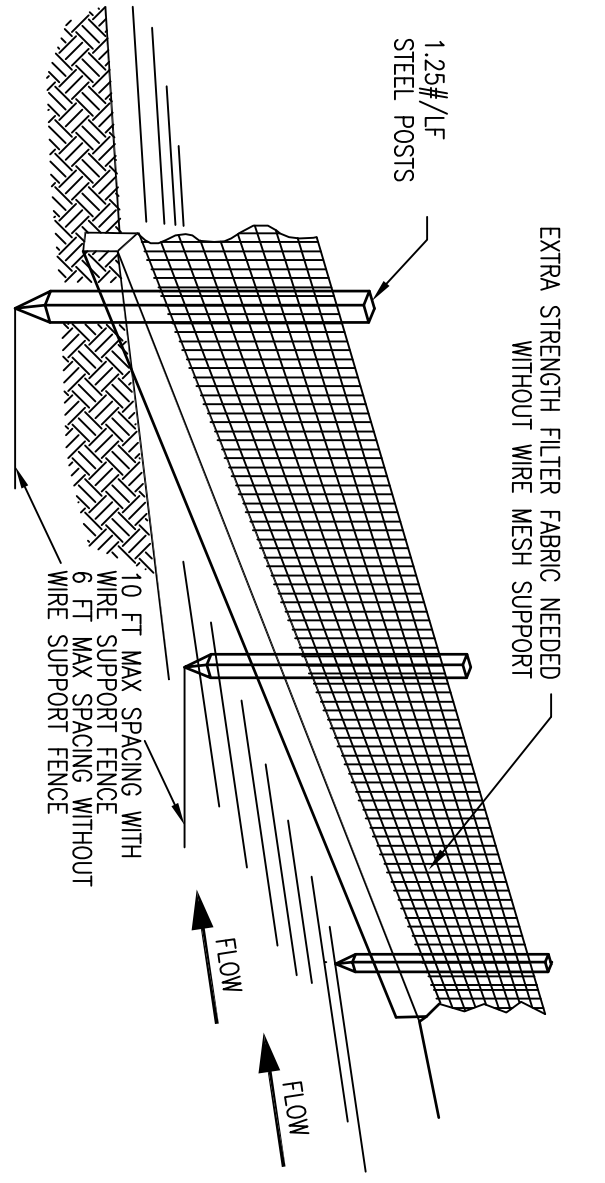
REV	DESCRIPTION	BY
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B	ISSUED FOR PERMITTING	BC
C	ISSUED FOR BIDS	BC

DESIGNED BY: BC
 CHECKED BY: BC
 DATE: 4/27/18 REV: 7/11/18
 SCALE(S) SHOWN: PROJ.# C1806
 FILE: C1806.dwg
 SHEET NUMBER:
C9



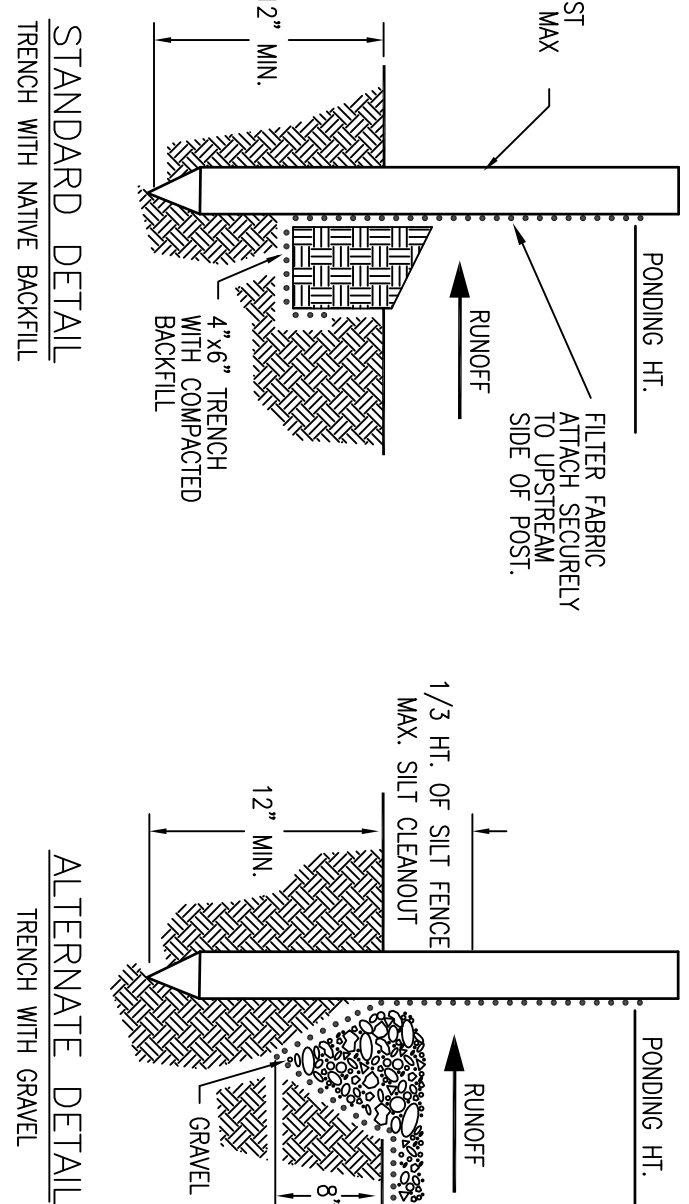
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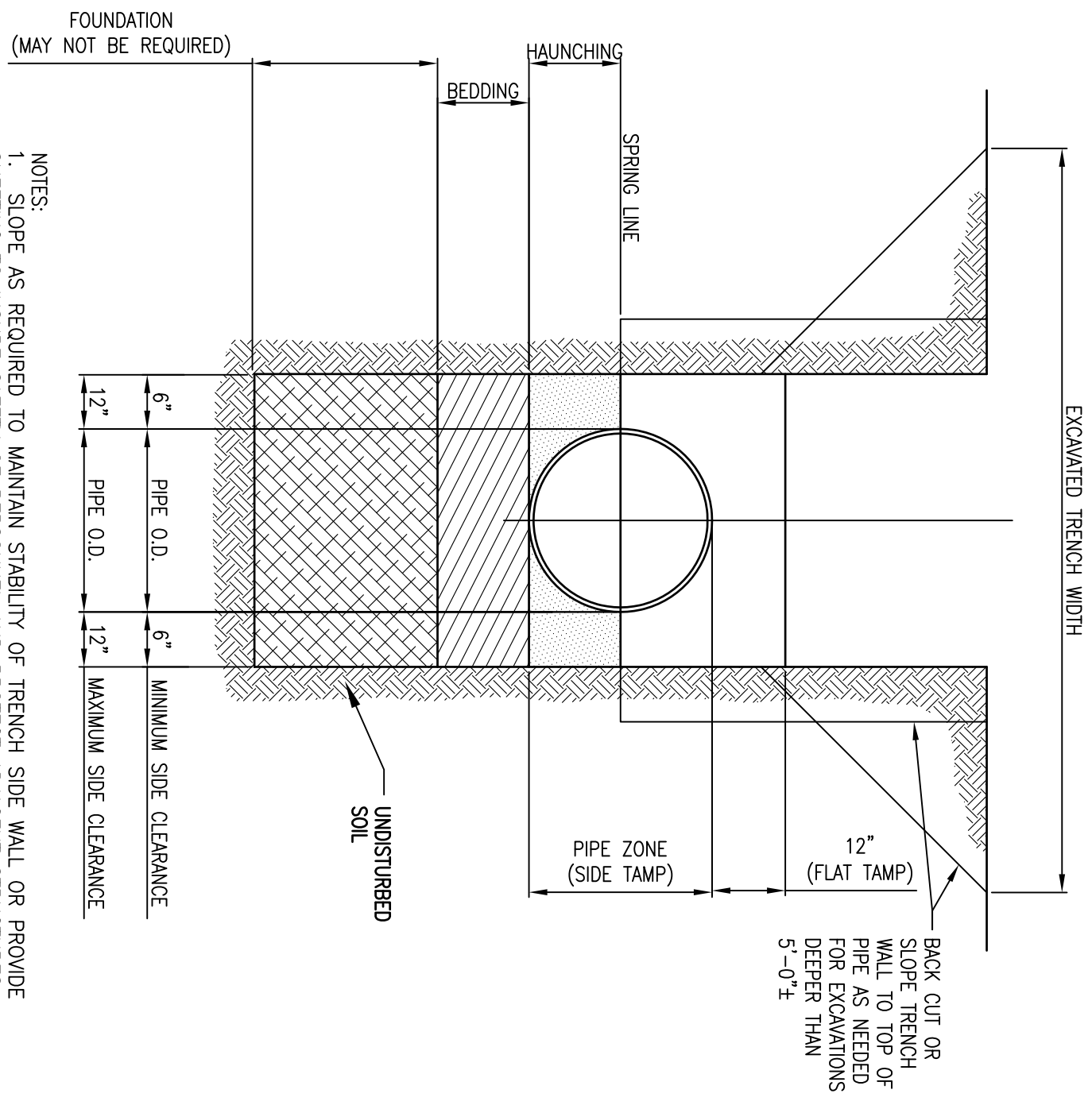
- NOTES:
1. ENSURE THAT THE DISTURBED DRAINAGE AREA IS NO GREATER THAN 1/4 ACRE PER 100 FEET OF SILT FENCE.
 2. THE DESIGN LIFE OF A SYNTHETIC SILT FENCE SHOULD BE 6 MONTHS. INSPECT SILT FENCES AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL. CLEAN SILT WHEN DEPOSITS REACH ONE-THIRD (33%) THE HEIGHT OF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

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



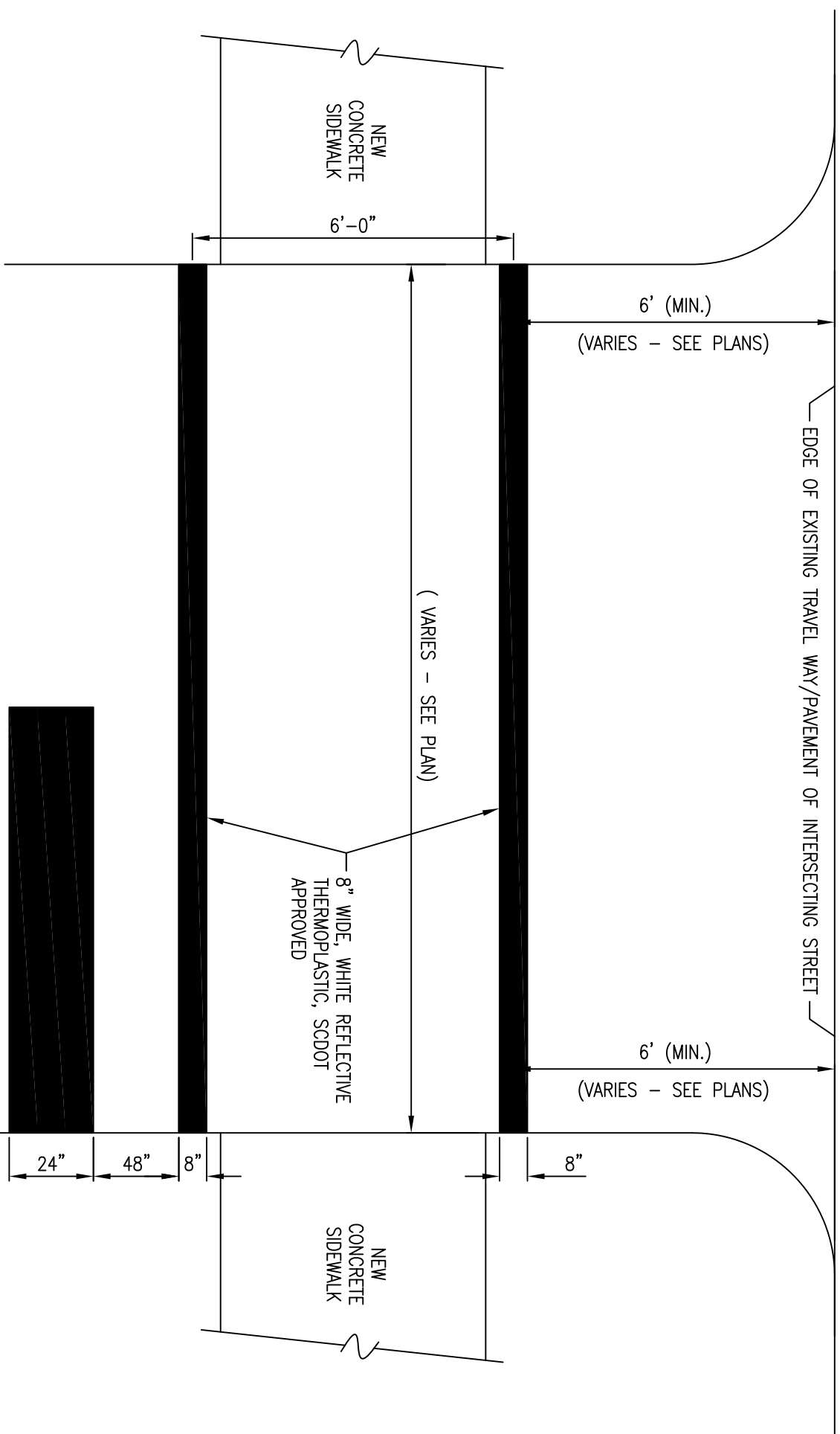
SLOPE	SLOPE LENGTH (FT.)
< 2%	100
2 TO 5%	75
5 TO 10%	50
10 TO 20%	25
> 20%	15

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

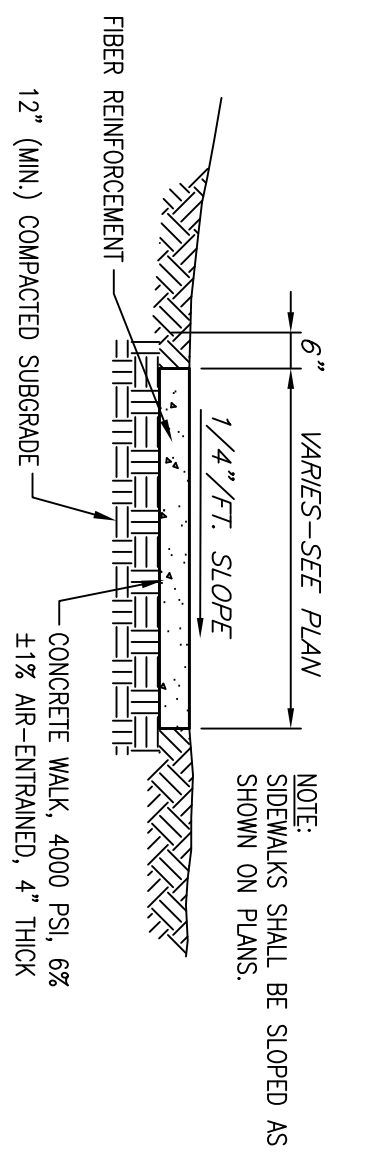


- NOTES:
1. SLOPE AS REQUIRED TO MAINTAIN STABILITY OF TRENCH SIDE WALL OR PROVIDE SHEETING TO INSURE SAFETY OF PERSONNEL AND PROTECT ADJACENT STRUCTURES.
 2. FOR TRENCHES REQUIRING SHEETING, SHORING, STAY BRACING, TRENCH JACKS OR TRENCH BOX, DIMENSIONS SHALL BE TAKEN FROM THE INSIDE FACE OF THE SUPPORTS.
 3. 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.
 4. BEDDING IS REQUIRED TO BRING TRENCH BOTTOM UP TO GRADE. A MINIMUM UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. A MINIMUM COMPACTED DEPTH OF 6 INCHES OF SELECT EMBEDMENT MATERIAL IS REQUIRED.
 5. USE SELECT BACK FILL IN TRENCH. PLACE IN 6\"/>

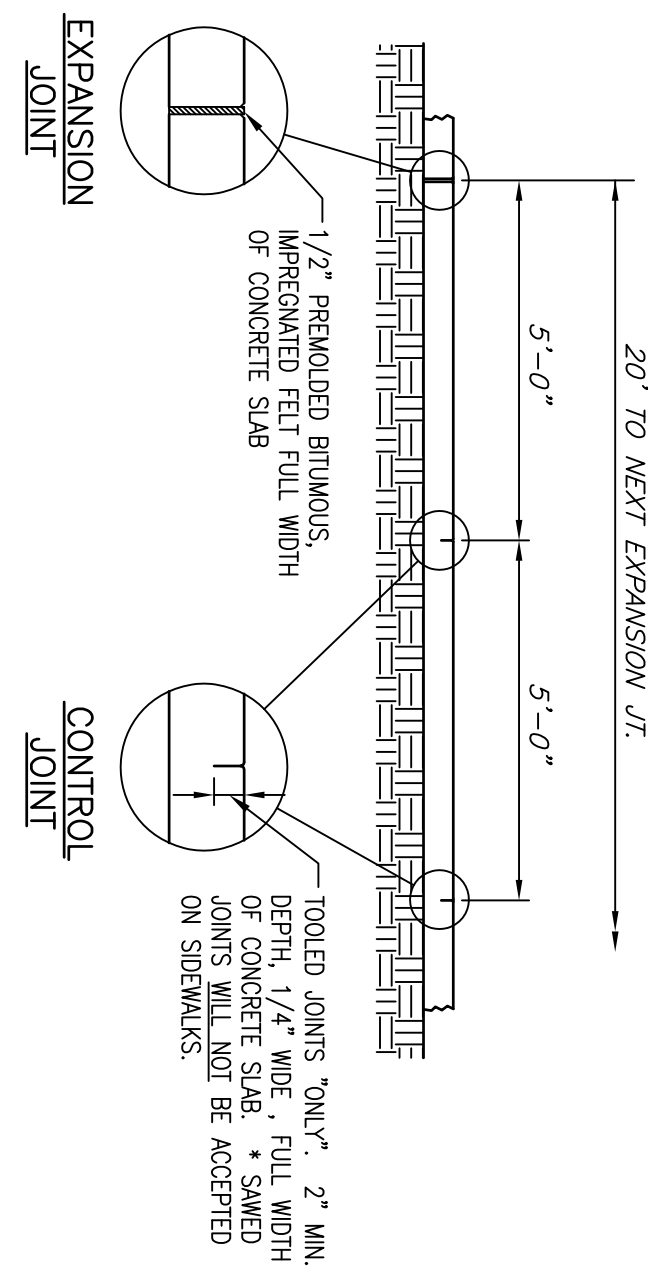
4 TYPICAL TRENCH SECTION
SCALE: N.T.S.



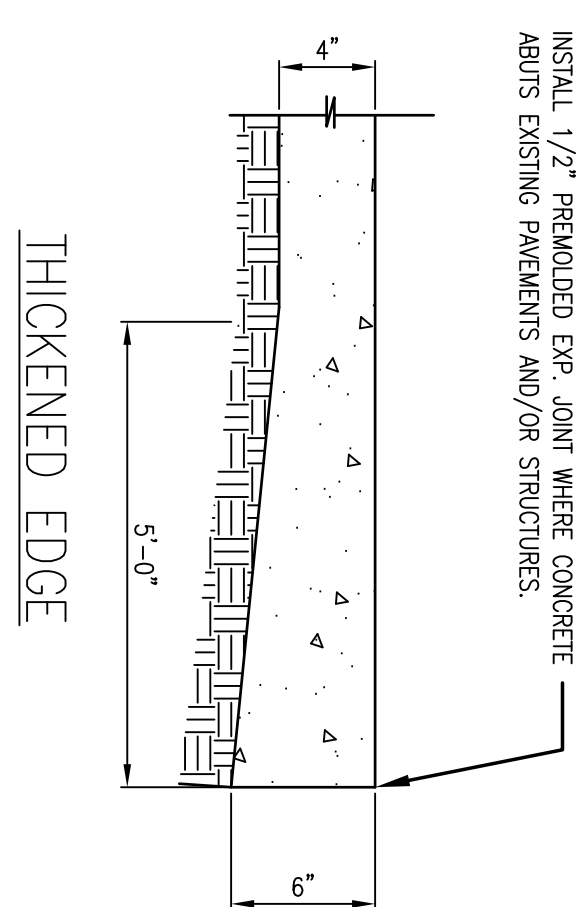
5 CROSSWALK PAVEMENT MARKING
SCALE: N.T.S.



CROSS-SECTIONAL VIEW



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



- NOTE:
SIDEWALKS SHALL HAVE A THICKENED EDGE AT ALL LOCATIONS WHERE THE NEW SIDEWALK ABUTS EXISTING CONCRETE/ASPHALT DRIVEWAYS OR PAVEMENTS.

3 CONCRETE THICKENED EDGE
SCALE: N.T.S.

FRONT STREET SIDEWALK IMPROVEMENTS
PROJECT NO. 1214 (Alex Alford to LaFayette)
CITY OF GEORGETOWN, SC

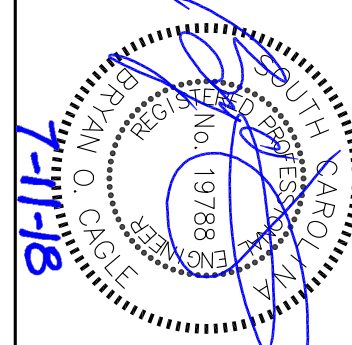
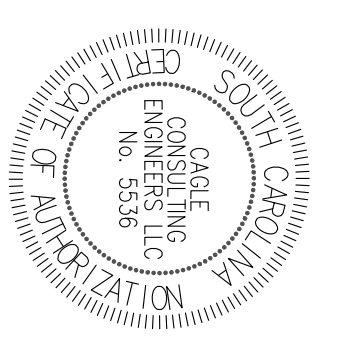
SITE DETAILS

REV	DESCRIPTION	BY
A	ISSUED FOR REVIEW	BC
B	ISSUED FOR PERMITTING	BC
C	REVISED FOR PERMITTING	BC
D	ISSUED FOR BIDS	BC

DRAWN BY: BC, CHK'D BY: BC
DATE: 4/27/18 REV: 7/11/18
SCALE(S) SHOWN: PROJ.# C1806
FILE: C1806.dwg

SHEET NUMBER:

C10



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