

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	1

SHEET INDEX

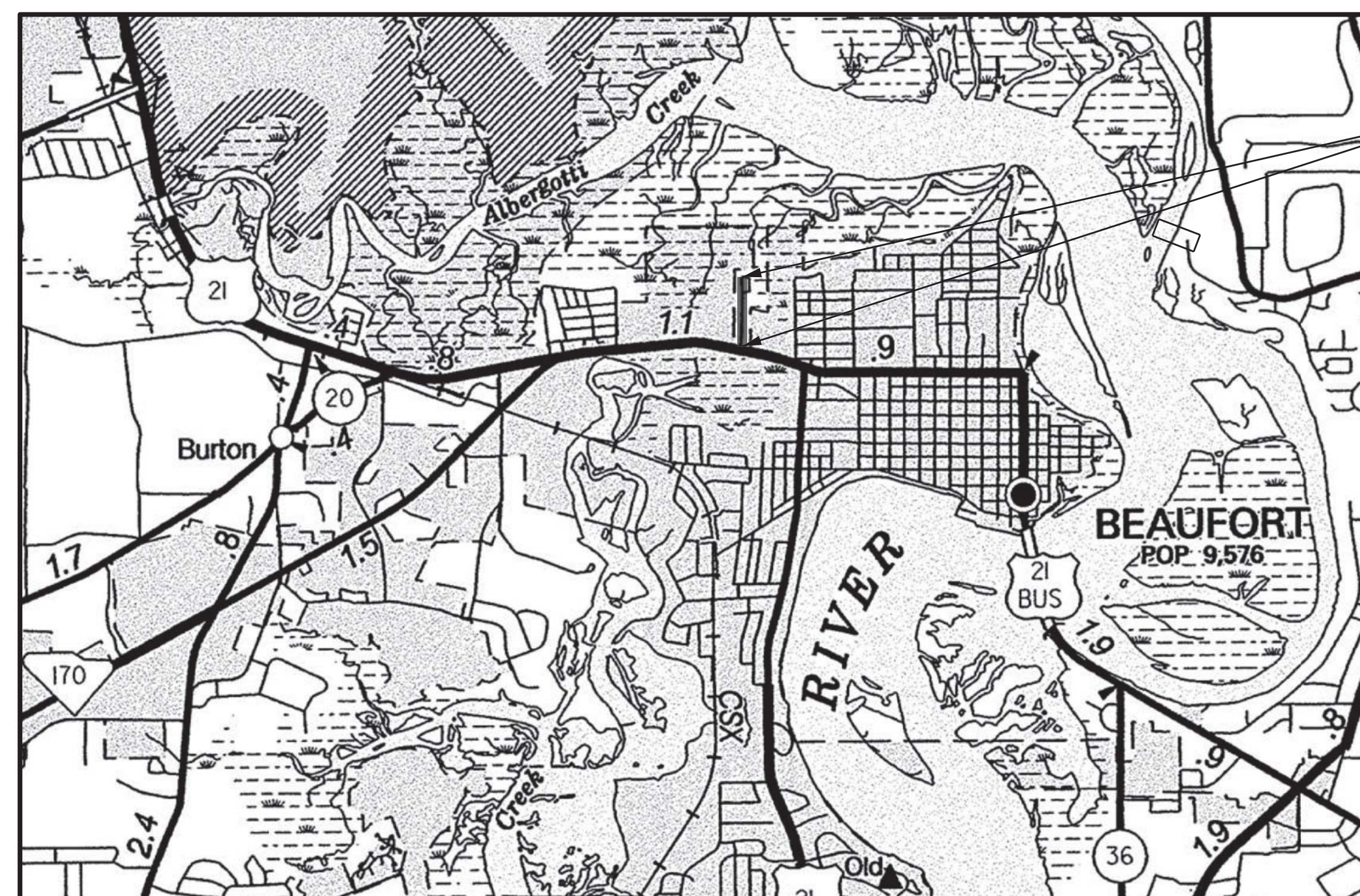
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X1-X9	CROSS SECTIONS	9
TOTAL		42

CITY OF BEAUFORT



PLAN AND PROFILE OF GREENLAWN DRIVE (S-296) STREETScape

FROM: BOUNDARY STREET (US 21)
TO: GREENLAWN CIRCLE



GREENLAWN DRIVE (S-296)
BEGIN CONSTRUCTION
STA. 10+11.87
END CONSTRUCTION
STA. 25+87.50

NPDES PERMIT INFORMATION	
Disturbed Area =	1.30 Acre(s)
Project Area =	3.30 Acre(s)
Approximate Location of Roadway is	
Begin	
Latitude	32°26'28" N
Longitude	80°41'24" W
End	
Latitude	32°26'44" N
Longitude	80°41'25" W
Hydraulic and NPDES Design provided by:	
I.C.E.	
Designs may be obtained from the SCDOT Regional Production Group	

Hydraulic Design Reference for these plans is the:
2009
Edition of SCDOT's "Requirements for Hydraulic Design Studies"

Design Reference for these plans is the:
2011
AASHTO "A Policy on Geometric Design of Highways and Streets"

ENVIRONMENTAL PERMIT INFORMATION			
USACE PERMIT	___YES___	___NO___	
NEPA DOCUMENT	___YES___	___NO___	
401 CERTIFICATION	___YES___	___NO___	
OCRM CAP	___YES___	___NO___	
NAVIGABLE WATERS	___SC___	___USCG___	___USACE___
			___N/A___

3 DAYS BEFORE DIGGING IN
SOUTH CAROLINA
CALL 811
SOUTH CAROLINA 811 (SC811)
WWW.SC811.COM
ALL UTILITIES MAY NOT BE A MEMBER OF SC811

RAILROAD INVOLVEMENT?
YES NO

TRAFFIC DATA	
2018 ADT	900
2038 ADT	2,100

LAYOUT
N.T.S.

	GREENLAWN DRIVE	TOTAL (MILES)
NET LENGTH OF ROADWAY	0.30	0.30
NET LENGTH OF BRIDGES	-	-
NET LENGTH OF PROJECT	0.30	0.30
LENGTH OF EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	0.30	0.30

EQUALITIES IN STATIONING:
NONE

NOTE: EXCEPT AS MAY OTHERWISE BE SPECIFIED ON THE PLANS OR IN THE SPECIAL PROVISIONS, ALL MATERIALS AND WORKMANSHIP ON THIS PROJECT SHALL TO CONFORM WITH SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION) AND STANDARD DRAWINGS FOR ROAD CONSTRUCTION IN EFFECT AT THE TIME OF LETTING.

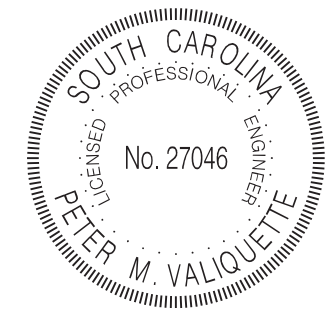
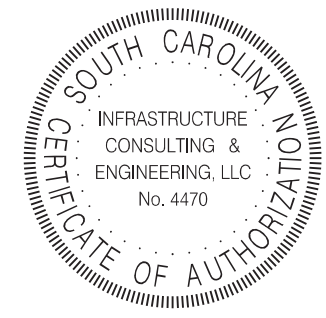
CONSULTING ENGINEERING FIRM
INFRASTRUCTURE CONSULTING & ENGINEERING

For Right Of Way Acquisition:

Consultant Engineer of Record

Date

ENGINEER OF RECORD

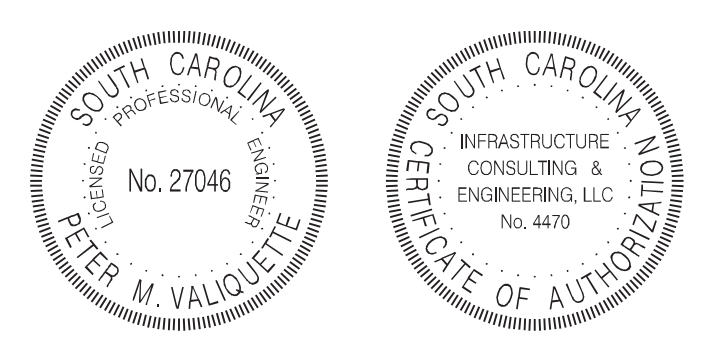



FOR CONSTRUCTION : _____
DATE _____

SUMMARY OF ESTIMATED QUANTITIES

PAYITEM	DESCRIPTION	QUANTITY	UNIT
1031000	MOBILIZATION	NEC	LS
1032010	BONDS AND INSURANCE	NEC	LS
1050800	CONSTRUCTION STAKES, LINES & GRADES	1	EA
1071000	TRAFFIC CONTROL	NEC	LS
1090200	AS-BUILT CONSTRUCTION PLANS	NEC	LS
2012000	CLEARING & GRUBBING WITHIN ROADWAY	NEC	LS
2025000	REMOVAL & DISPOSAL OF EXISTING ASPHALT PAVEMENT	3216	SY
2031000	UNCLASSIFIED EXCAVATION	503	CY
2033000	BORROW EXCAVATION	532	CY
2081001	FINE GRADING	4767	SY
2103000	FLOWABLE FILL	100	CY
2021005	REMOVAL & DISPOSAL OF EXISTING CATCH BASIN	2	EA
2021010	REMOVAL & DISPOSAL OF EXISTING DROP INLET	2	EA
3069900	MAINTENANCE STONE	62	TON
3100320	HOT MIX ASPHALT BASE COURSE - TYPE B	941	TON
4011004	LIQUID ASPHALT BINDER PG64-22	117	TON
4013990	MILLING EXISTING ASPHALT PAVEMENT (VARIABLE)	200	SY
4020320	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B	701	TON
4030340	HOT MIX ASPHALT SURFACE COURSE TYPE C	525	TON
4030360	HOT MIX ASPHALT SURFACE COURSE TYPE E	112	TON
6020005	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	248	SF
6250010	4" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT	4304	LF
6250015	8" WHITE SOLID LINES(CROSSWALK&CHANNELIZATION)FAST DRY PAINT	1148	LF
6250025	24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT	132	LF
6250050	HANDICAP SYMBOL - FAST DRY PAINT	4	EA
6250110	4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT	5946	LF
6271010	4" WHITE SOLID LINES (PVT. EDGE LINES) THERMO.- 90 MIL.	2152	LF
6271015	8" WHITE SOLID LINES THERMOPLASTIC - 125 MIL.	574	LF
6271025	24" WHITE SOLID LINES (STOP/DIAG LINES)-THERMO.-125 MIL	66	LF
6271050	HANDICAP SYMBOL - THERMOPLASTIC - 125 MIL.	4	EA
6271074	4" YELLOW SOLID LINES(PVT.EDGE LINES) THERMO-90 MIL.	2973	LF
6301100	PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X4"	20	EA
6510105	FLAT SHEET, TYPE III, FIXED SZ. & MSG. SIGN	109	SF
6531210	U-SECTION POST FOR SIGN SUPPORTS - 3P	160	LF
6651005	LIGHT STANDARD FOUNDATION	27	EA
6651091	SINGLE DECORATIVE LIGHT POLE	27	EA
6750213	2.0" SCHEDULE 40 PVC CONDUIT	3150	LF
6760060	2" SCHEDULE 80 HDPE CONDUIT (TRENCHLESS)	320	LF
6888110	INSTALL STREET LIGHT LUMINAIRE	27	EA
7141133	18" RC PIPE CUL.-CLASS V	115	LF
7143618	18" SMOOTH WALL PIPE	696	LF
7143624	24" SMOOTH WALL PIPE	142	LF

PAYITEM	DESCRIPTION	QUANTITY	UNIT
7149999	CLEANING EXISTING PIPE	366	LF
7191005	CATCH BASIN -TYPE 1	1	EA
7191605	CATCH BASIN -TYPE 16	11	EA
7191650	CATCH BASIN -TYPE 18	2	EA
7192020	DROP INLET (24" X 36")	3	EA
7192109	MANHOLE WITH STANDARD 6' X 6' BOX	1	EA
7195551	MANUFACTURED STORMWATER TREATMENT DEVICE (MTD) TYPE 1	1	EA
7196173	CATCH BASIN - TYPE 16 (TOP ONLY)	1	EA
7198392	JUNCTION BOX - CONVERT CB T-16	1	EA
7203110	CONCRETE CURB AND GUTTER(1'-6") VERTICAL FACE	3221	LF
7204100	CONCRETE SIDEWALK(4" UNIFORM)	1323	SY
7205000	CONCRETE DRIVEWAY(6" UNIFORM)	276	SY
7204900	DETECTABLE WARNING MATERIAL	322	SF
7209000	PEDESTRIAN RAMP CONSTRUCTION	375	SY
8091010	RIGHT OF WAY MARKER(REBAR AND CAP)	15	EA
8091050	RIGHT OF WAY PLAT	NEC	LS
8100100	PERMANENT COVER	0.25	ACRE
8100200	TEMPORARY COVER	0.25	ACRE
8104005	FERTILIZER (NITROGEN)	25	LB
8104010	FERTILIZER (PHOSPHORIC ACID)	25	LB
8104015	FERTILIZER (POTASH)	25	LB
8105005	AGRICULTURAL GRANULAR LIME	500	LB
8109901	MOWING	0.5	ACRE
8110220	DOUBLE-SHREDDED HARDWOOD MULCH	11285	SF
811117H	QUERCUS LYRATA(OVERCUP OAK)	25	EA
8111180	SABAL PALMETTO	5	EA
8111371	LIRIOPE MUSCARI'MAJESTIC'(MAJESTIC LIRIOPE)	654	EA
8111445	MUHLENBERGIA CAPILLARIS (PINK MUHLY GRASS)	58	EA
8111456	TRACELOSPERUM ASIATICUM (ASIATIC JASMINE)	455	EA
8115500	TREE WATERING BAG SYSTEM	30	EA
8151203	HYDRAULIC EROSION CONTROL PRODUCT (HECP) - TYPE 3	0.25	ACRE
8152004	INLET STRUCTURE FILTER - TYPE F (WEIGHTED)	185	LF
8152006	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)	185	LF
8153000	SILT FENCE	2162	LF
8153090	REPLACE/REPAIR SILT FENCE	216	LF
8154050	REMOVAL OF SILT RETAINED BY SILT FENCE	541	LF
8156200	CLEANING INLET STRUCTURE FILTERS	17	EA
8156215	INLET STRUCTURE FILTER - TYPE D2	4	EA
8156217	FILTER MATERIAL FOR INLET STRUCTURE FILTER - TYPE D2	4	EA
	ROOT BARRIER (18" HIGH)	1200	LF
	UTILITY DUCT BANK SYSTEM	2040	LF
	DUCT BANK TURN-OUT - ELECTRIC (GROUTED)	10	EA
	DUCT BANK TURN-OUT - COMMUNICATION (NOT GROUTED)	20	EA



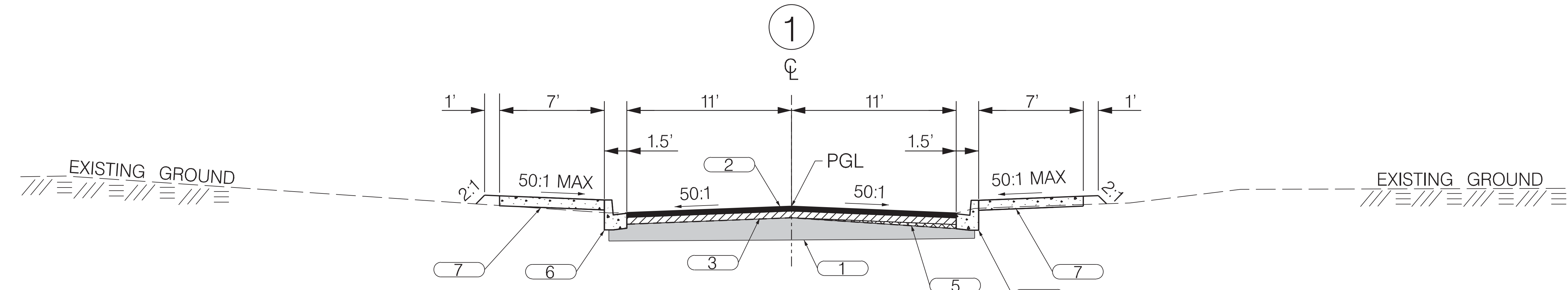
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DESIGNED BY:	SEM	DATE 04/06/2018	
DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

BEAUFORT COUNTY
CITY OF BEAUFORT

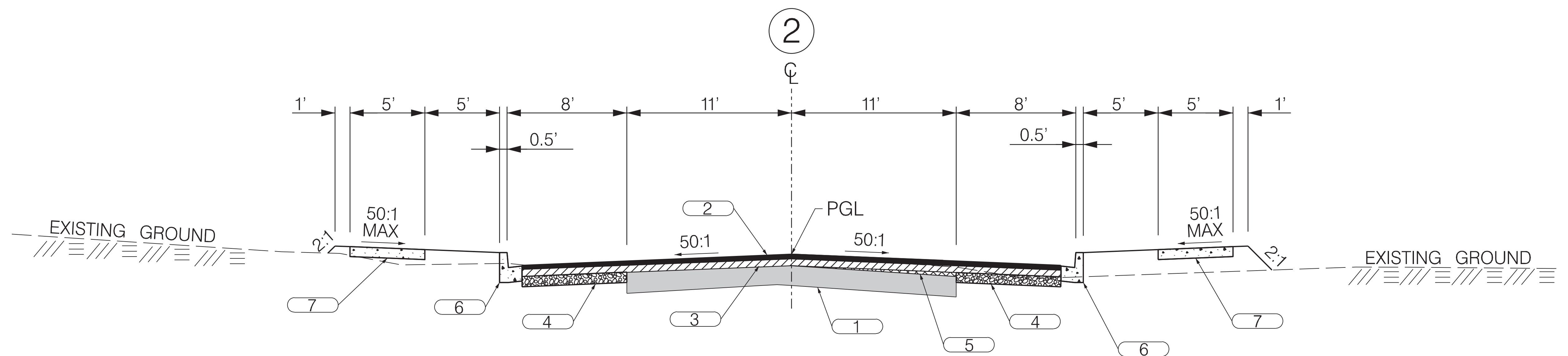
GREENLAWN DRIVE (S-296)
SUMMARY OF ESTIMATED QUANTITIES

SHEET 2 SCALE: NTS

TYPICAL SECTION



USE THIS SECTION ON
GREENLAWN DRIVE (S-296)
STA. 10+11.87 TO STA 12+63.82



USE THIS SECTION ON
GREENLAWN DRIVE (S-296)
STA. 12+63.82 TO STA. 18+19.53

1		EXISTING PAVEMENT - RETAIN
2		HOT MIX ASPHALT SURFACE COURSE TYPE C (150 PSY)
3		HOT MIX ASPHALT SURFACE COURSE TYPE B (200 PSY)
4		HMA BASE COURSE TYPE B (400 PSY)
5		HMA SURFACE E (LEVELING AS NEEDED)
6		VERTICAL FACE CURB & GUTTER (1'-6")
7		CONCRETE SIDEWALK (4" UNIFORM)

RTE. S-296		DESIGN SPEED
MPH	FROM STA.	TO STA.
30	10+11.87	25+87.50
EXCEPTIONS TO DESIGN SPEED		
FUNCTIONAL CLASSIFICATION		
LOCAL URBAN STREET - GROUP 4		

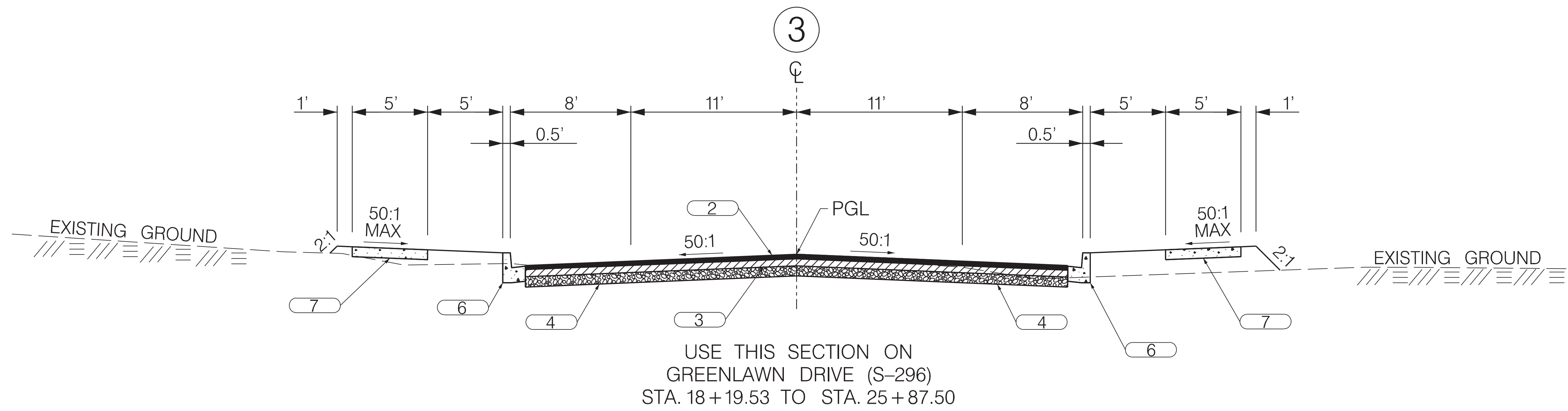


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DESIGNED BY:	SEM	DATE 04/06/2018	
DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) TYPICAL SECTION SHEET	
SHEET 3	SCALE: NTS

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	3A

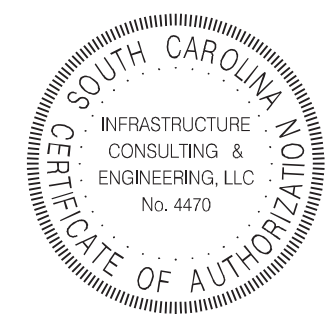
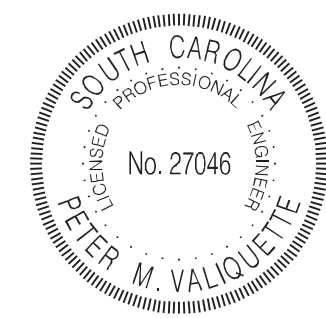
TYPICAL SECTION



USE THIS SECTION ON
GREENLAWN DRIVE (S-296)
STA. 18+19.53 TO STA. 25+87.50

1	EXISTING PAVEMENT - RETAIN
2	HOT MIX ASPHALT SURFACE COURSE TYPE C (150 PSY)
3	HOT MIX ASPHALT SURFACE COURSE TYPE B (200 PSY)
4	HMA BASE COURSE TYPE B (400 PSY)
5	HMA SURFACE E (LEVELING AS NEEDED)
6	VERTICAL FACE CURB & GUTTER (1'-6")
7	CONCRETE SIDEWALK (4" UNIFORM)

RTE. S-296		DESIGN SPEED
MPH	FROM STA.	TO STA.
30	10+11.87	25+87.50
EXCEPTIONS TO DESIGN SPEED		
FUNCTIONAL CLASSIFICATION		
LOCAL URBAN STREET - GROUP 4		



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DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

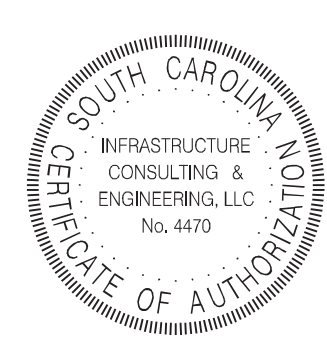
BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) TYPICAL SECTION SHEET	
SHEET 3A	SCALE: NTS

RIGHT OF WAY DATA SHEET

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-13	4

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN			REMAINDER LEFT ACRES	REMAINDER RIGHT ACRES	DATE ACQUIRED	TYPE OF INSTRUMENT	OUTFALL DITCH PERMISSION (YES)	SLOPE PERMISSION (YES)	DRAINAGE STRUCTURE PERMISSION (YES)	EROSION CONTROL PERMISSION (YES)	ENTRANCE CONSTRUCTION PERMISSION (YES)	REMARKS
				OUTFALL DITCH ACRES	LEFT	RIGHT										
1	BOND JR. LIVING TRUST	R100 001 000 0240 0000	0.22													DEED BOOK 3492, PAGE 3008
2	303 ASSOCIATES, LLC	R100 001 000 0241 0000	0.23		0.009 AC (398 SF)		0.009 AC (398 SF)	0.221 AC (9621 SF)				YES		YES	YES	DEED BOOK 2196, PAGE 1550
3	303 ASSOCIATES, LLC	R120 001 000 0242 0000	0.23		0.008 AC (350 SF)		0.008 AC (350 SF)	0.222 AC (9669 SF)				YES		YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
4	303 ASSOCIATES, LLC	R120 001 000 0243 0000	0.23		0.008 AC (350 SF)		0.008 AC (350 SF)	0.222 AC (9669 SF)				YES	YES	YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
5	303 ASSOCIATES, LLC	R120 001 000 0244 0000	0.23		0.008 AC (351 SF)		0.008 AC (351 SF)	0.222 AC (9668 SF)				YES		YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
6,7,8 9 & 10	RIBAUT HOLDINGS, LLC	R120 001 000 0244 0000	1.13		0.040 AC		0.040 AC	1.090 AC				YES	YES	YES	YES	DEED BOOK 2504, PAGE 231
11	303 ASSOCIATES, LLC	R120 001 000 0250 0000	0.25		0.009 AC (398 SF)		0.009 AC (398 SF)	0.241 AC (10492 SF)				YES		YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
12	303 ASSOCIATES, LLC	R120 001 000 005P 0000	0.21			0.008 AC (338 SF)	0.008 AC (338 SF)		0.202 AC (8810 SF)			YES		YES	YES	DEED BOOK 1550, PAGE 1408
13	THE SPOTTED DOG FARM, LP	R120 001 000 005Q 0000	0.23			0.010 AC (424 SF)	0.010 AC (424 SF)		0.220 AC (9595 SF)			YES		YES	YES	DEED BOOK 1705, PAGE 1785 PLAT IN DEED BOOK 941, PAGE 131
14	303 ASSOCIATES, LLC	R120 001 000 0252 0000	0.23			0.010 AC (451 SF)	0.010 AC (451 SF)		0.220 AC (9568 SF)			YES		YES	YES	DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
15	303 ASSOCIATES, LLC	R120 001 000 0253 0000	0.28			0.010 AC	0.010 AC		0.270 AC			YES	YES	YES	YES	DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
16	303 ASSOCIATES, LLC	R120 001 000 0254 0000	0.20			0.003 AC (119 SF)	0.003 AC (119 SF)		0.197 AC (8593 SF)			YES	YES	YES	YES	DEED BOOK 1383, PAGE 2118
17	303 ASSOCIATES, LLC	R120 001 000 0255 0000	0.15			0.010 AC (444 SF)	0.010 AC (444 SF)		0.140 AC (6090 SF)			YES	YES	YES	YES	DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
18	303 ASSOCIATES, LLC	R120 001 000 0256 0000	0.26			0.009 AC (375 SF)	0.009 AC (375 SF)		0.251 AC (10951 SF)			YES		YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
19	303 ASSOCIATES, LLC	R100 001 000 0257 0000	0.23			0.009 AC (375 SF)	0.009 AC (375 SF)		0.221 AC (9644 SF)			YES		YES		DEED BOOK 2592, PAGE 382 PLAT IN DEED BOOK
20	303 ASSOCIATES, LLC	R120 001 000 0258 0000	0.26			0.009 AC (374 SF)	0.009 AC (374 SF)		0.251 AC (10953 SF)			YES		YES		DEED BOOK 1266, PAGE 224 PLAT IN DEED BOOK 1198, PAGE 626
21	303 ASSOCIATES, LLC	R120 001 000 0259 0000	0.22			0.009 AC (375 SF)	0.009 AC (375 SF)		0.211 AC (9208 SF)			YES		YES		DEED BOOK 1755, PAGE 1146 PLAT IN DEED BOOK 898, PAGE 796
22	303 ASSOCIATES, LLC	R120 001 000 0260 0000	0.22			0.009 AC (375 SF)	0.009 AC (375 SF)		0.211 AC (9208 SF)			YES		YES		DEED BOOK 1872, PAGE 712
23	303 ASSOCIATES, LLC	R100 001 000 0261 0000	0.27			0.009 AC	0.009 AC		0.261 AC					YES		DEED BOOK 2260, PAGE 2204
24	303 ASSOCIATES, LLC	R120 001 000 0262 0000	0.27									YES	YES	YES	YES	DEED BOOK 1484, PAGE 2134
25	COASTAL EQUITIES, LTD CO.	R120 001 000 0263 0000	0.37									YES		YES	YES	DEED BOOK 3239, PAGE 0311 PLAT IN DEED BOOK 2060, PAGE 764
26	BOBS FIELD OF REST	R122 001 000 0008 0000	0.88									YES		YES		DEED BOOK 3422, PAGE 3082
27	JEAN G. BOND JR. LIVING TRUST	R122 001 000 0007 0000	0.34									YES		YES	YES	DEED BOOK 3160, PAGE 822
28	303 ASSOCIATES, LLC	R120 001 000 0251 0000	0.24		0.009 AC (401 SF)		0.009 AC (401 SF)	0.225 AC (10053 SF)				YES	YES	YES		DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
29	303 ASSOCIATES, LLC	R100 001 000 0006 0000	0.08		0.003 AC (149 SF)		0.003 AC (149 SF)	0.077 AC (3336 SF)				YES				DEED BOOK 2442, PAGE 391
30	CLIFFORD EARL AND JOY ANN KING	R100 001 000 0005 0000	0.29									YES			YES	DEED BOOK 270, PAGE 810
31	303 ASSOCIATES, LLC	R120 001 000 005A 0000	0.28		0.011 AC		0.011 AC	0.269 AC				YES			YES	DEED BOOK 2060, PAGE 764 PLAT IN DEED BOOK
32	ASHLEY POINTE APARTMENTS, LLC	R120 001 000 0274 0000	4.04													DEED BOOK 3300, PAGE 2758 PLAT IN DEED BOOK 112, PAGE 1
33	BEAUFORT HOUSING AUTHORITY	R100 001 000 005F 0000	0.31													DEED BOOK 1345, PAGE 1382 PLAT IN DEED BOOK
34	NICHOLAS A. TROUT AND CHYLAH ANN TROUT	R100 001 000 005G 0000	0.26													DEED BOOK 3499, PAGE 2808
35	303 ASSOCIATES, LLC	R120 001 000 005M 0000	0.27			0.011 AC	0.011 AC		0.259 AC			YES		YES		DEED BOOK 1961, PAGE 2585 PLAT IN DEED BOOK 252, PAGE32
36	303 ASSOCIATES, LLC	R100 001 000 005N 0000	0.28			0.012 AC	0.012 AC		0.268 AC			YES		YES		DEED BOOK 2422, PAGE 258
37	303 ASSOCIATES, LLC	R100 001 000 005O 0000	0.28			0.011 AC	0.011 AC		0.269 AC					YES		DEED BOOK 2483, PAGE 1014
38	BEAUFORT MARKET, LLC	R122 001 000 011C 0000	2.80									YES		YES	YES	DEED BOOK 3102, PAGE 2885

NOTES:
 TOTAL OBTAIN INCLUDES HIGHLAND, MARSH AND OUTFALL DITCHES. OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN IN ACRES ONLY.
 SHOW REMAINDER IN SQUARE FEET WHEN LESS THAN 0.25 ACRE.



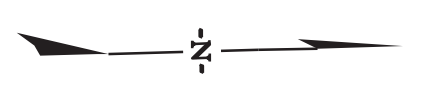
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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2			
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DESIGNED BY: SEM			DATE: 04/06/2018
DRAWN BY: SEM			DATE: 04/06/2018
CHECKED BY: PMV			DATE: 04/06/2018

BEAUFORT COUNTY
CITY OF BEAUFORT

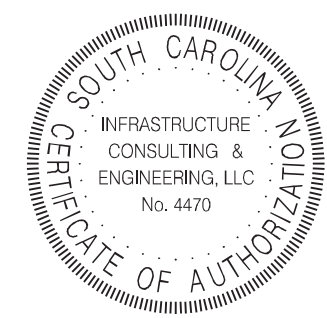
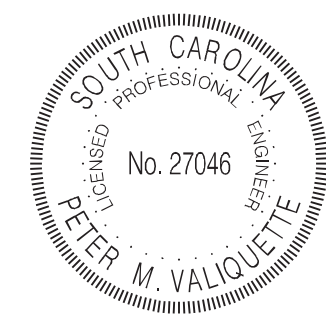
GREENLAWN DRIVE (S-296)
RIGHT OF WAY DATA SHEET

SHEET 4 SCALE: NTS

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	4A



JE INFRASTRUCTURE
CONSULTING & ENGINEERING



4			
3			
2			
1			
REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:	SEM	DATE 04/06/2018	
DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
PROPERTY STRIP MAP

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	5

GENERAL NOTES

GENERAL CONSTRUCTION NOTES:

THE DEPUTY SECRETARY FOR ENGINEERING MUST SPECIFICALLY AUTHORIZE CHANGES INVOLVING INCREASED COST OF THE PROJECT OR CHANGES IN ALIGNMENT. THE DISTRICT ENGINEERING ADMINISTRATOR IS PERMITTED UNDER THE DIRECTION OF THE DEPUTY SECRETARY FOR ENGINEERING TO AUTHORIZE MINOR ALTERATIONS NOT IN CONFLICT WITH THE STANDARD PRACTICES OF THE DEPARTMENT. FORWARD INFORMATION ON ANY PROPOSED CHANGES IN ALIGNMENT TO THE COLUMBIA OFFICE AS SOON AS POSSIBLE.

SEE INDIVIDUAL CURVES ON REFERENCE DATA SHEET FOR SUPERELEVATION RATE AND DESIGN SPEED, AS APPLICABLE.

THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE UTILITIES INFORMATION SHOWN ON THE DRAWINGS. IT IS THEREFORE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THAT THE PROPER COORDINATION WITH THE VARIOUS UTILITY OWNERS HAS BEEN PERFORMED.

THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY OWNERS DURING RELOCATION OPERATIONS. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY WHETHER SHOWN ON THE DRAWINGS OR LOCATED BY THE UTILITY COMPANY. COST OF DAMAGES TO ANY UTILITIES AS A RESULT OF CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

ALL WORKMANSHIP AND MATERIALS USED ON THIS PROJECT SHALL CONFORM TO THE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (2007 EDITION), SCDOT 2007 SUPPLEMENTAL SPECIFICATIONS, SCDOT SUPPLEMENTAL TECHNICAL SPECIFICATIONS IN EFFECT AT THE TIME OF LETTING, AND SCDOT 2009 STANDARD DRAWINGS EXCEPT WHERE OTHERWISE NOTED IN THE PLANS.

ALL EXISTING ROAD SIGNS AFFECTED BY CONSTRUCTION ACTIVITIES SHALL BE RETAINED, RELOCATED, OR REMOVED AS DIRECTED BY ENGINEER. PAYMENT FOR THIS WORK SHALL BE INCLUDED IN THE LUMP SUM COST FOR CLEARING AND GRUBBING.

ALL NEW SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND SCDOT STANDARD DRAWINGS. NEW 2P & 3P SIGN SUPPORTS REQUIRED FOR RELOCATED SIGNS WILL BE PAID PER LINEAR FOOT INSTALLED AND ACCEPTED.

THE CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN ALL NECESSARY PROVISIONS FOR TRAFFIC CONTROL FOR THE DURATION OF THE PROJECT. THESE PROVISIONS, AS IN EACH CASE IS APPLICABLE, WILL CONFORM TO THE REQUIREMENTS CONTAINED IN THE SCDOT STANDARD SPECIFICATIONS, STANDARD DRAWINGS, SUPPLEMENTAL SPECIFICATIONS, SPECIAL PROVISIONS, THE FEDERAL HIGHWAY ADMINISTRATION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL SUBMIT THE TRAFFIC CONTROL PLAN TO THE COUNTY FOR APPROVAL BEFORE BEGINNING CONSTRUCTION.

THE LUMP SUM COST FOR TRAFFIC CONTROL SHALL INCLUDE ALL WORK AS DIRECTED ABOVE. THIS LUMP SUM COST SHALL INCLUDE TEMPORARY CONSTRUCTION SIGNS, BARRICADES, DRUMS, CONES, LIGHTS, AND OTHER ITEMS AS REQUIRED TO COMPLETE THIS WORK.

CONTRACTOR SHALL REFER TO SCDOT STD. DWG. 605-010-02 FOR PLACEMENT OF PERMANENT CONSTRUCTION SIGNS. THIS PROJECT REQUIRES ONE (1) SCHEME C. SIGNS SHALL BE PAID FOR PER SQUARE FOOT INSTALLED AND ACCEPTED UNDER THE BID ITEM FOR PERMANENT CONSTRUCTION SIGNS.

EROSION CONTROL NOTES:

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.

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.

- A) WHERE STABILIZATION BY THE 14TH DAY IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS STABILIZATION MEASURES MUST BE INITIATED AS SOON AS PRACTICAL.
- B) 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.

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 TO CORRECT THE BMP WITHIN 48 HOURS OF IDENTIFICATION.

PROVIDE SILT FENCE AND/OR OTHER CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING UTILITY CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED, GRADED, AND STABILIZED WITH GRASSING IMMEDIATELY AFTER THE UTILITY INSTALLATION. FILL, COVER, AND TEMPORARY SEEDING AT THE END OF EACH DAY ARE RECOMMENDED. IF WATER IS ENCOUNTERED WHILE TRENCHING, THE WATER SHOULD BE FILTERED TO REMOVE ANY SEDIMENTS BEFORE BEING PUMPED BACK INTO ANY WATERS OF THE STATE.

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.

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.

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.

TEMPORARY DIVERSION BERMS AND/OR DITCHES WILL BE PROVIDED AS NEEDED DURING CONSTRUCTION TO PROTECT WORK AREAS FROM UPSLOPE RUNOFF AND/OR TO DIVERT SEDIMENT-LADEN WATER TO APPROPRIATE TRAPS OR STABLE OUTLETS.

ALL WATERS OF THE STATE (WOS), INCLUDING WETLANDS, ARE TO BE FLAGGED OR OTHERWISE CLEARLY MARKED IN THE FIELD. A DOUBLE ROW OF SILT FENCE IS TO BE INSTALLED IN ALL AREAS WHERE A 50-FOOT BUFFER CANNOT 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.

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.

A COPY OF THE SWPPP, INSPECTION 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.

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.

MINIMIZE SOIL COMPACTION AND UNLESS INFEASIBLE, PRESERVE TOPSOIL.

MINIMIZE THE DISCHARGE OF POLLUTANTS FROM EQUIPMENT AND VEHICLE WASHING, WHEEL WASH WATER, AND OTHER WASH WATERS. WASH WATERS MUST BE TREATED IN A SEDIMENT BASIN OR ALTERNATIVE CONTROL THAT PROVIDES EQUIVALENT OR BETTER TREATMENT PRIOR TO DISCHARGE.

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.

AFTER CONSTRUCTION ACTIVITIES BEGIN, INSPECTION 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.

EROSION CONTROL NOTES (CON'T):

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 WATER EVENT WHENEVER PRACTICABLE. THE SITUATION MUST BE DOCUMENTED IN THE SWPPP AND ALTERNATIVE BMPS MUST BE IMPLEMENTED AS SOON AS REASONABLY POSSIBLE.

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 AS APPROVED OTHERWISE.

THE CONTRACTOR IS REQUIRED TO IDENTIFY AND MAINTAIN AN ON-SITE CONCRETE WASHDOWN AREA THAT MEETS ALL REQUIREMENTS / BMPS OF SCDHEC. APPROVED WASHOUT AREAS MAY INCLUDE SECTIONS OF SIDEWALK THAT HAVE BEEN FORMED AND THAT ARE LOCATED AHEAD OF THE CURRENT CONCRETE POUR. THE CONTRACTOR WILL BE RESPONSIBLE FOR REMOVAL OF CONCRETE REMNANTS AND PREPARING THE SUBGRADE IN THESE AREAS PRIOR TO PLACEMENT OF THE NEXT DAYS CONCRETE POUR.

SEQUENCE OF CONSTRUCTION

1. OBTAIN NPDES COVERAGE FROM DHEC AND FINAL MS4 APPROVAL FROM THE CITY OF BEAUFORT DEPARTMENT OF PUBLIC WORKS.

2. NOTIFY SC DHEC REGIONAL OFFICE AND THE CITY OF BEAUFORT DEPARTMENT OF PUBLIC WORKS 48 HOURS PRIOR TO ANY LAND DISTURBING ACTIVITIES.

3. INSTALL TREE PROTECTION AND DELINEATE CLEARING LIMITS.

4. CLEARING & GRUBBING ONLY AS NECESSARY FOR INSTALLATION OF PERIMETER CONTROLS (E.G. SILT FENCE).

5. INSTALL PERIMETER CONTROLS (E.G. SILT FENCE).

6. PROVIDE SITE DRAINAGE WITH DIVERSION DITCHES, SWALES AND DRAINS.

7. CLEARING AND GRUBBING OF SITE (SEDIMENT & EROSION CONTROL MEASURES FOR THESE AREAS MUST ALREADY BE INSTALLED).

8. STRIP TOP SOIL AND STOCKPILE FOR LATER USE ON SHOULDERS AND SLOPES PER SECTION 209 OF THE STANDARD SPECIFICATIONS. "ALL DISTURBED AREA [ANY AREA OF LAND THAT WILL BE DISTURBED DURING CONSTRUCTION, THAT INCLUDES CLEARING, GRUBBING, STOCK PILING AND INSTALLATION OF ANY BMPS (SILT FENCE, SWALES, CHECK DAMS, ETC)] MUST BE INCLUDED WITHIN THE LIMITS OF DISTURBANCE."

9. ROUGH GRADING.

10. INSTALL STORM DRAINAGE.

11. FINE GRADING.

12. CONSTRUCT CURB & GUTTER.

13. ASPHALT PAVING.

14. CONSTRUCT SIDEWALK.

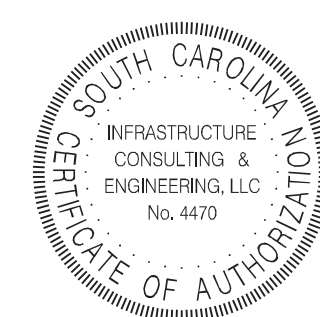
15. FINISH GRADING AND FINAL GRASSING AND LANDSCAPING.

16. MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES FOR THE EXTENT OF THE PROJECT.

17. REMOVAL OF SEDIMENT CONTROLS AFTER SITE HAS BEEN STABILIZED.

18. CONTACT THE CITY OF BEAUFORT DEPARTMENT OF PUBLIC WORKS FOR FINAL PROJECT INSPECTION.

19. FILE NOTICE OF TERMINATION.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	SEM	DATE 04/06/2018		
DRAWN BY:	SEM	DATE 04/06/2018		
CHECKED BY:	PMV	DATE 04/06/2018		

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN
GENERAL CONSTRUCTION NOTES

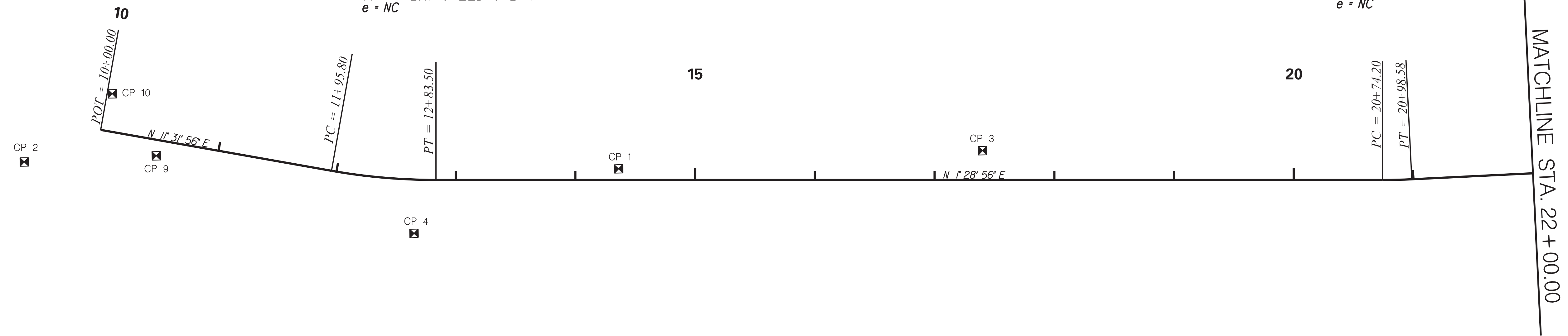
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	5A

GENERAL INFORMATION	
CONTROL SURVEY SUMMARY	
VERTICAL	- NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88)
HORIZONTAL	- NORTH AMERICAN DATUM 1983 (NAD 83)
COORDINATES	- SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM

ALIGNMENT CONTROL POINTS		
CONTROL	NORTHING (Y)	EASTING (X)
POT = 10+00.00	221,323.0306	2,095,543.4388
PC = 11+95.80	221,514.8737	2,095,582.5824
PI = 12+39.76	221,557.9503	2,095,591.3717
PT = 12+83.50	221,601.8998	2,095,592.5090
PC = 20+74.20	222,392.3320	2,095,612.9631
PI = 20+86.39	222,404.5219	2,095,613.2785
PT = 20+98.58	222,416.7126	2,095,612.9993
PC = 25+37.88	222,855.8984	2,095,602.9425
PI = 25+92.73	222,910.7319	2,095,601.6869
PT = 26+46.38	222,962.4625	2,095,619.9140
POT = 27+39.22	223,050.0262	2,095,650.7667

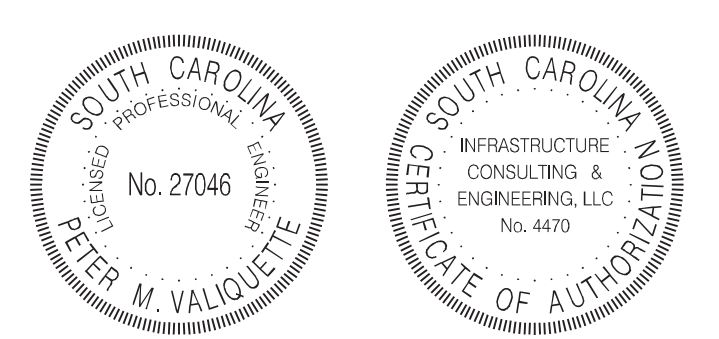
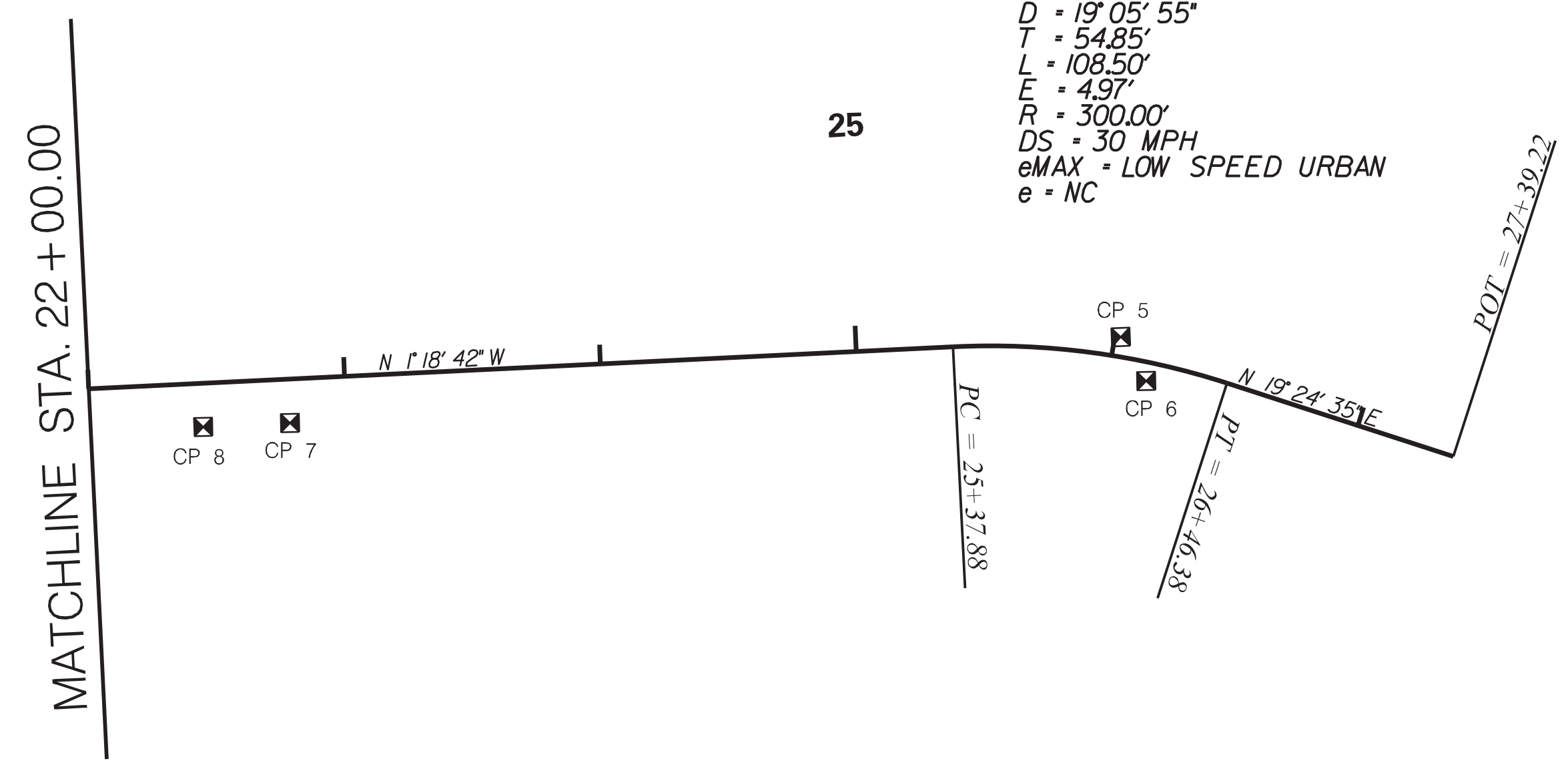
CURVE GRN BL-1
 PI = 12+39.76
 $\Delta = 10^{\circ} 03' 00''$ (LT)
 D = 11' 27" 33"
 T = 43.96'
 L = 87.70'
 E = 1.93'
 R = 500.00'
 DS = 30 MPH
 eMAX = LOW SPEED URBAN
 e = NC

CURVE GRN BL-2
 PI = 20+86.39
 $\Delta = 2^{\circ} 47' 39''$ (LT)
 D = 11' 27" 33"
 T = 12.19'
 L = 24.38'
 E = 0.15'
 R = 500.00'
 DS = 30 MPH
 eMAX = LOW SPEED URBAN
 e = NC



CURVE GRN BL-3
 PI = 25+92.73
 $\Delta = 20^{\circ} 43' 17''$ (RT)
 D = 19' 05" 55"
 T = 54.85'
 L = 108.50'
 E = 4.97'
 R = 300.00'
 DS = 30 MPH
 eMAX = LOW SPEED URBAN
 e = NC

SURVEY CONTROL POINTS				
CONTROL	NORTHING (Y)	EASTING (X)	ELEVATION	DESCRIPTION
CP 1	221,754.7000	2,095,587.1800	13.2300	PK NAIL
CP 2	221,258.5100	2,095,568.5900	12.5600	PK NAIL
CP 3	222,058.8947	2,095,579.8762	11.5492	PK NAIL
CP 4	221,582.3888	2,095,636.6890	11.9014	PK NAIL
CP 5	222,921.4069	2,095,600.8313	15.8130	PK NAIL
CP 6	222,930.9323	2,095,618.2472	15.9489	PK NAIL
CP 7	222,596.3152	2,095,625.9939	11.8664	PK NAIL
CP 8	222,562.4363	2,095,626.6529	11.7486	PK NAIL
CP 9	221,368.9019	2,095,566.3395	11.9810	PK NAIL
CP 10	221,333.4854	2,095,513.5402	12.4304	PK NAIL

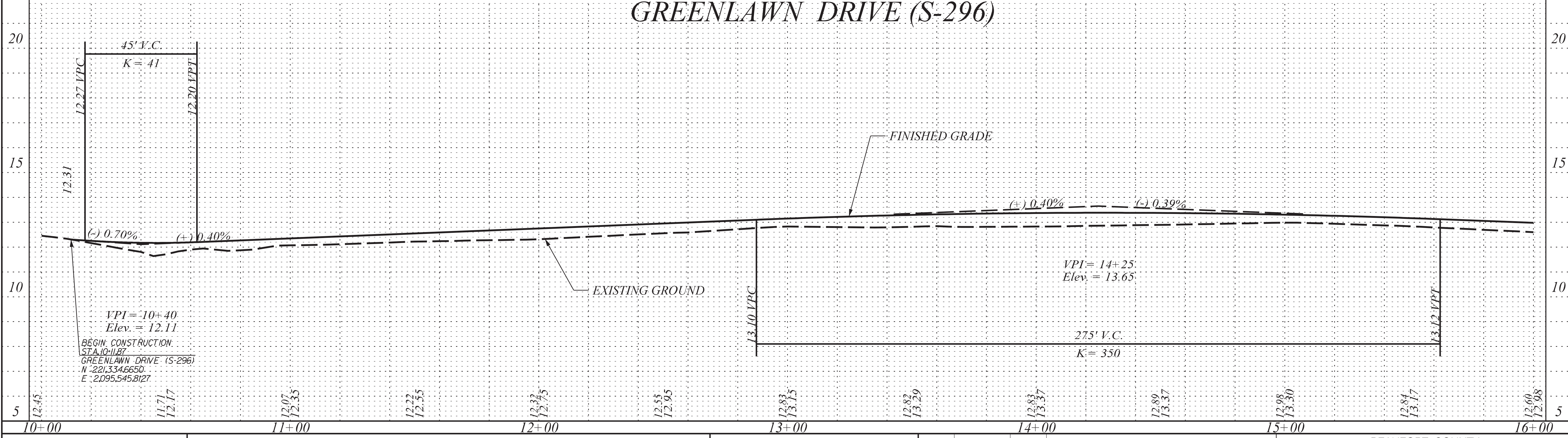
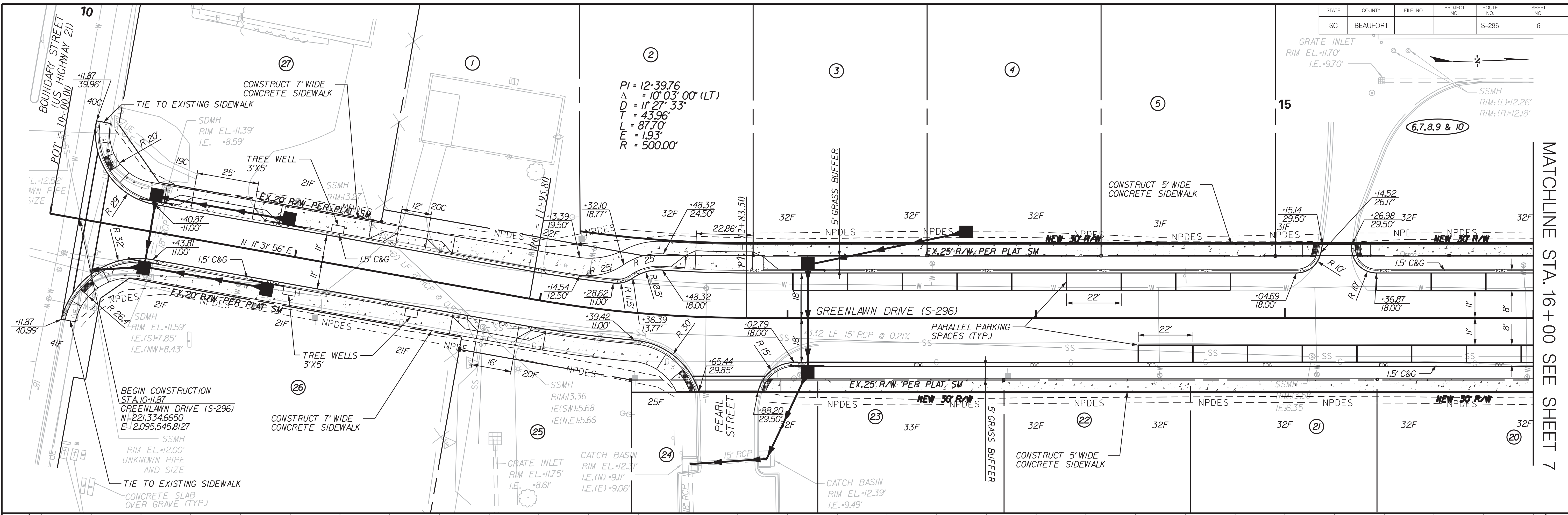


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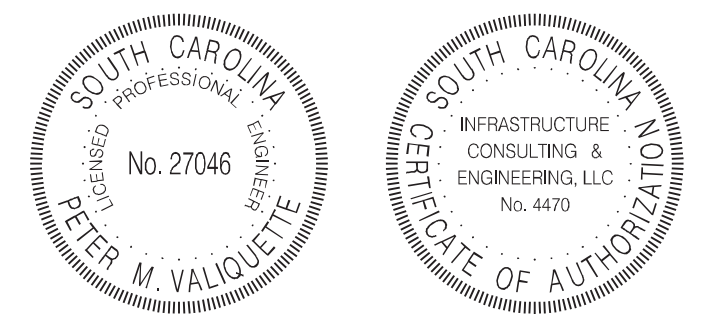
BEAUFORT COUNTY
 CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
 REFERENCE DATA SHEET

SHEET 5A SCALE: 1" = 50'



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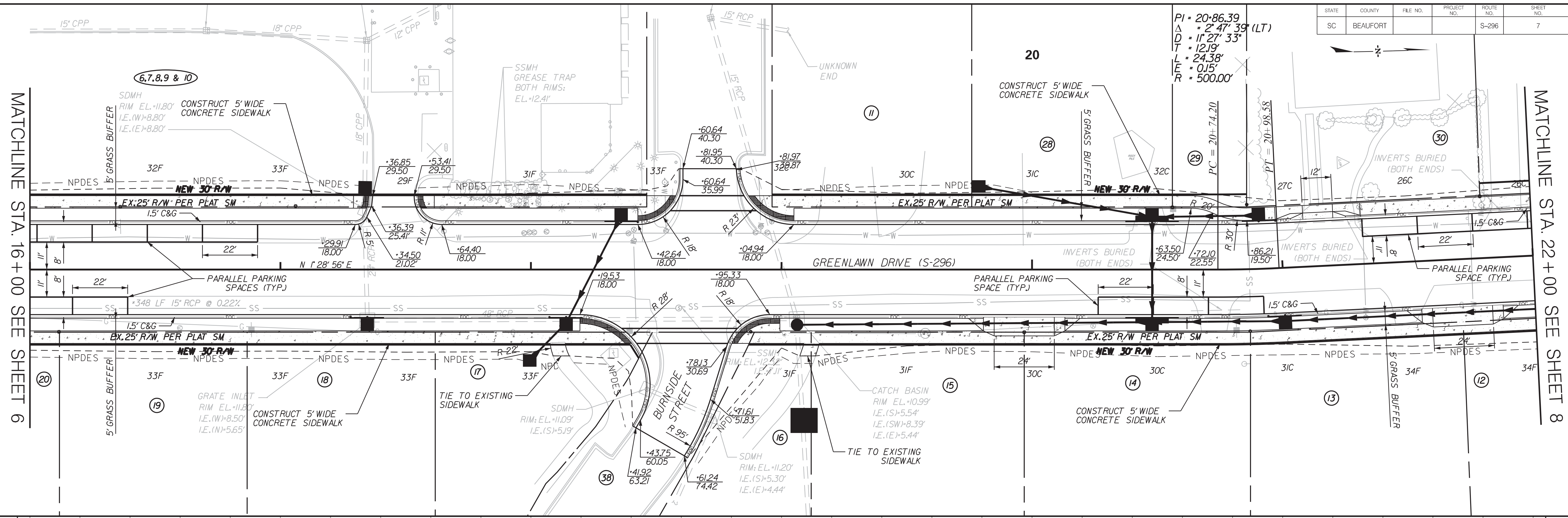
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BEAUFORT COUNTY
CITY OF BEAUFORT

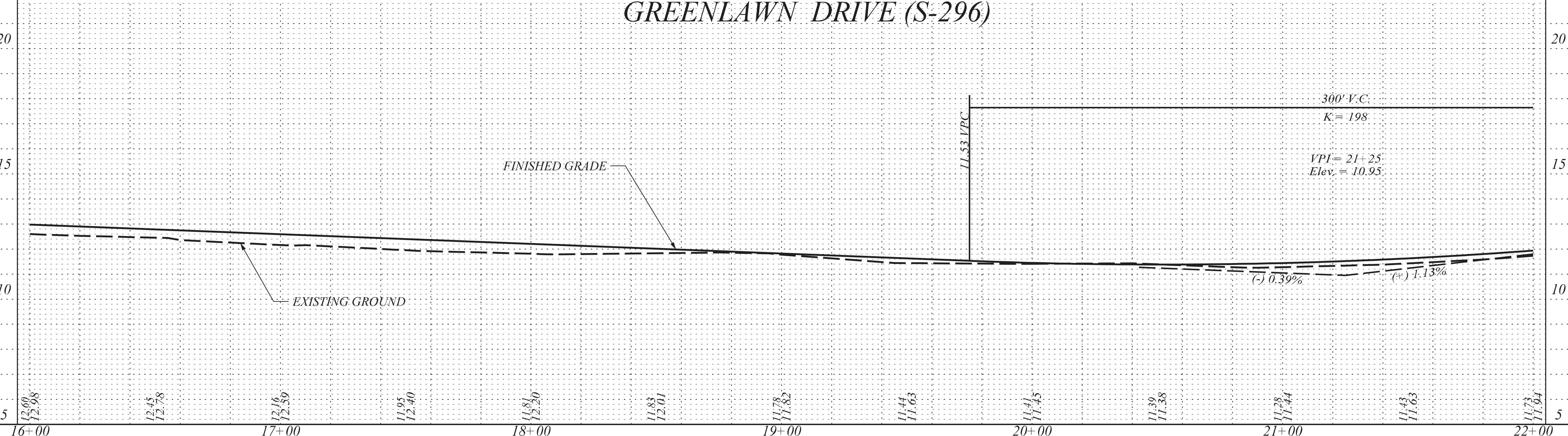
GREENLAWN DRIVE (S-296)
PLAN AND PROFILE SHEET

SHEET 6 SCALE: 1" = 20'

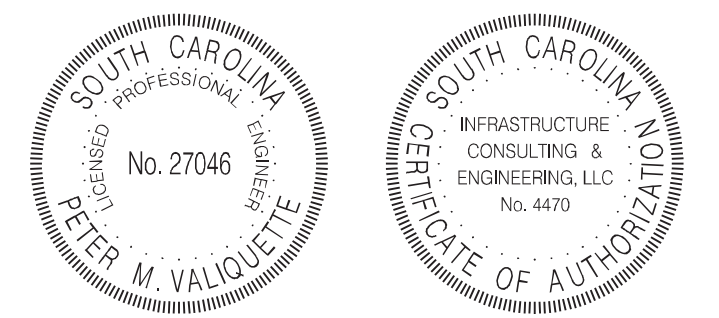
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SC	BEAUFORT			S-296	7



GREENLAWN DRIVE (S-296)



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BEAUFORT COUNTY
CITY OF BEAUFORT

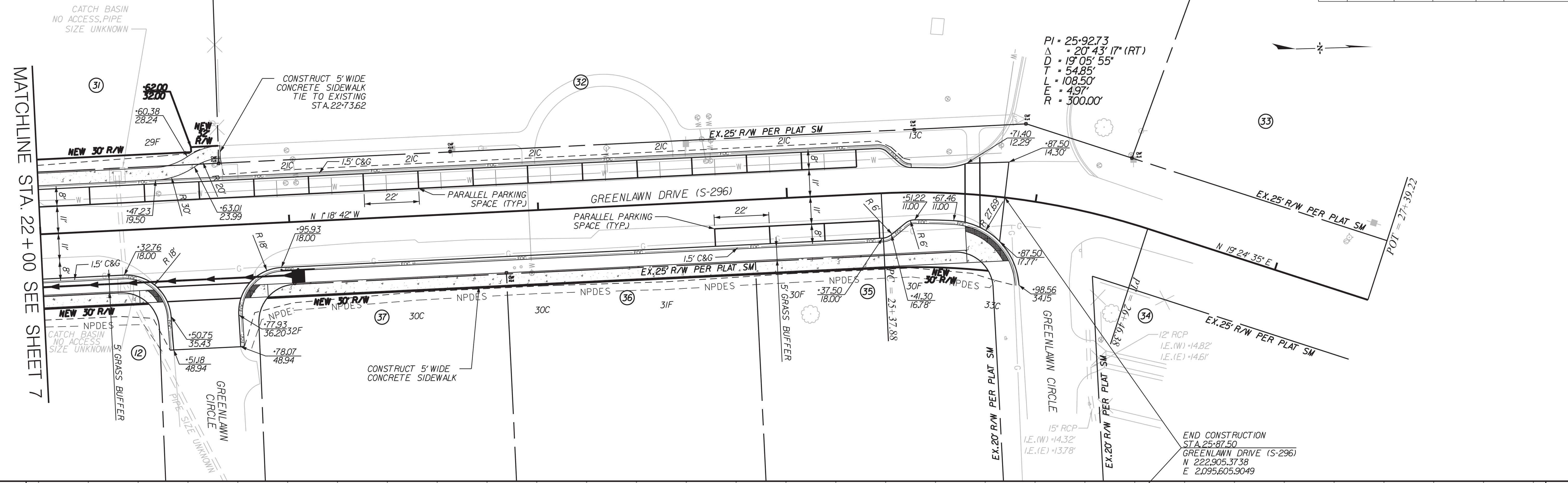
GREENLAWN DRIVE (S-296)
PLAN AND PROFILE SHEET

SHEET 7 SCALE: 1" = 20'

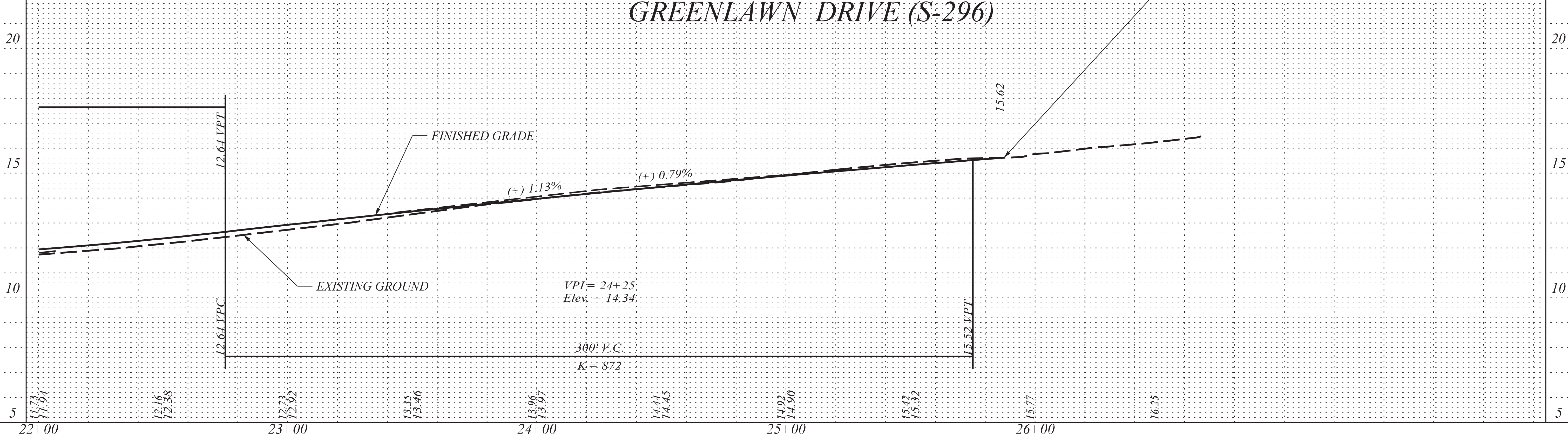
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SC	BEAUFORT			S-296	8

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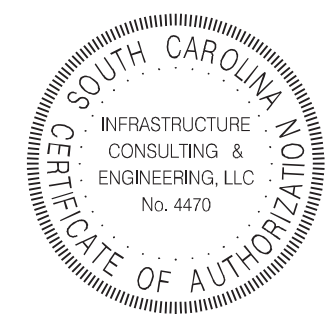
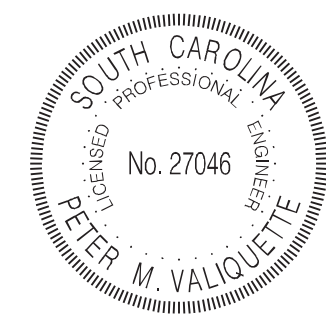
MATCHLINE STA. 22+00 SEE SHEET 7



GREENLAWN DRIVE (S-296)



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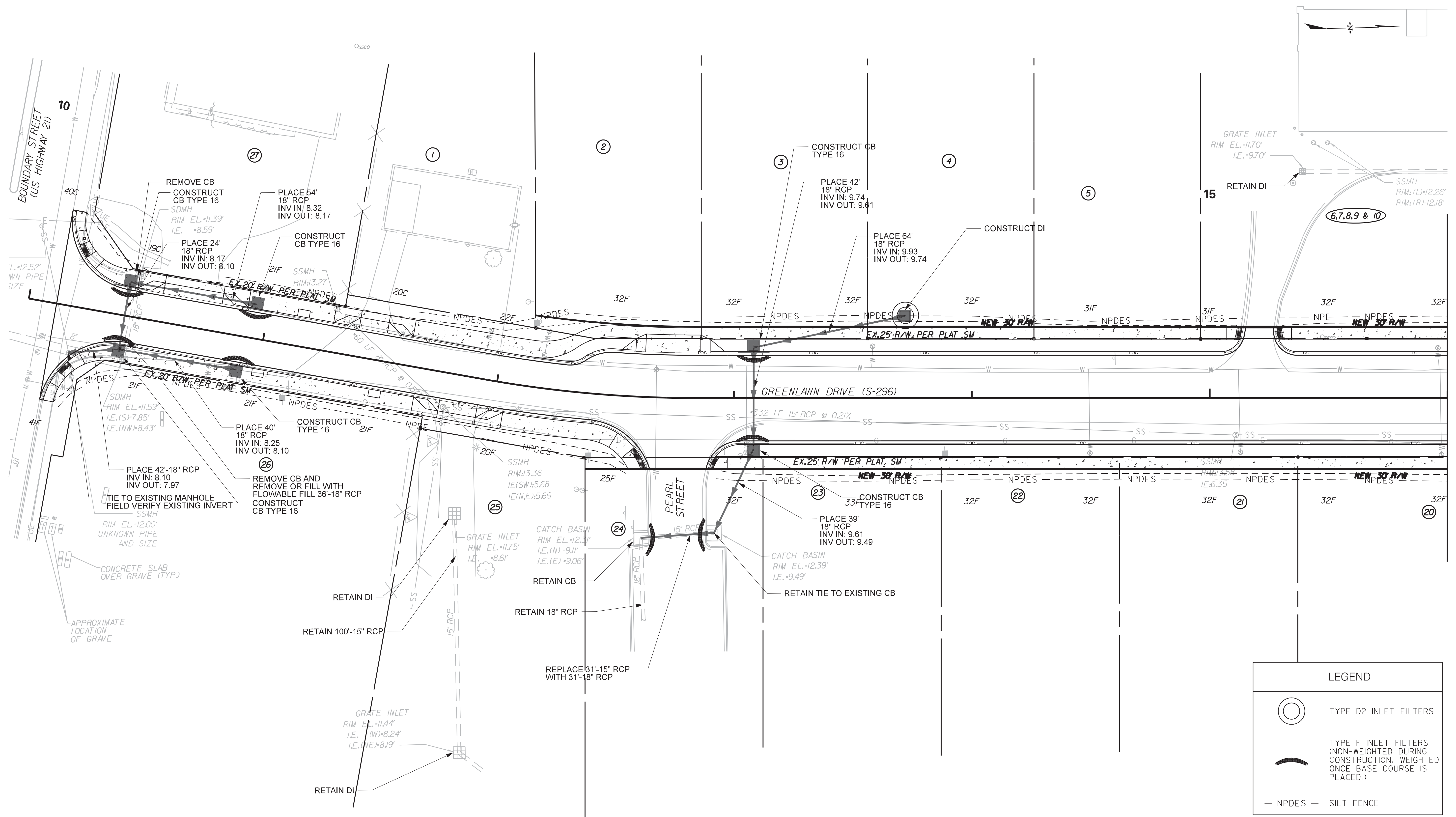


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BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
PLAN AND PROFILE SHEET

SHEET 8 SCALE: 1" = 20'

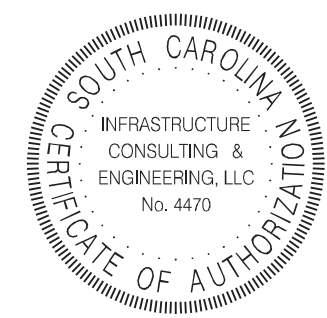
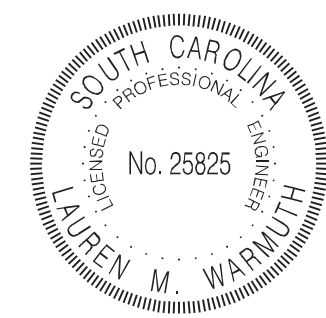


LEGEND

- TYPE D2 INLET FILTERS
- TYPE F INLET FILTERS (NON-WEIGHTED DURING CONSTRUCTION, WEIGHTED ONCE BASE COURSE IS PLACED.)
- NPDES SILT FENCE

MATCHLINE STA. 16+00 SEE SHEET D2

IE INFRASTRUCTURE CONSULTING & ENGINEERING



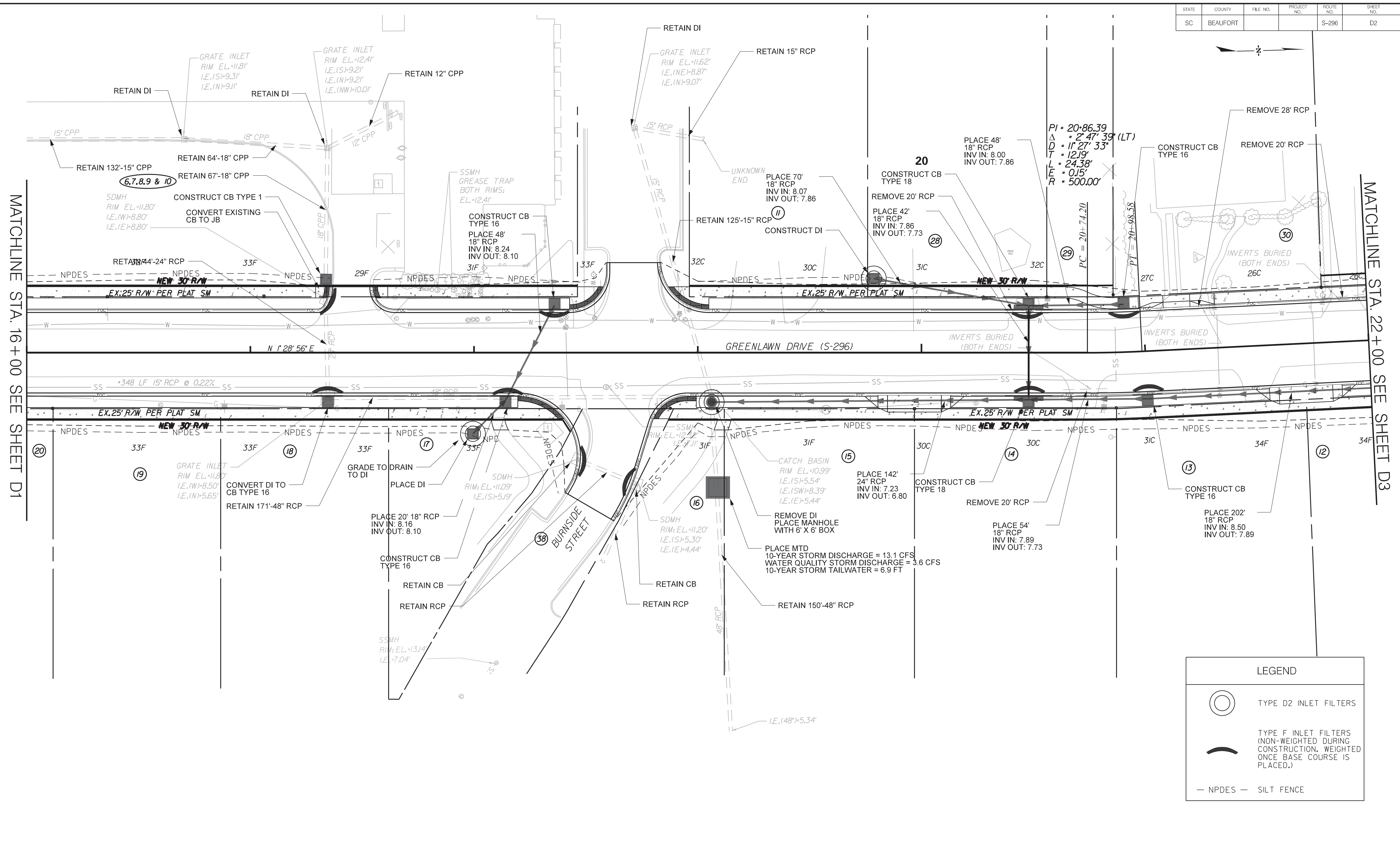
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BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DRAINAGE & EROSION
CONTROL SHEET

SHEET D1 SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	D2

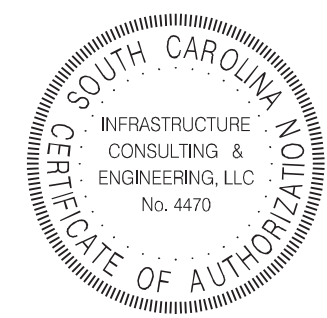
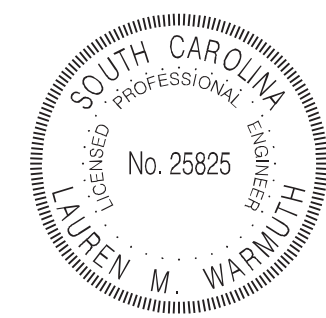


LEGEND	
	TYPE D2 INLET FILTERS
	TYPE F INLET FILTERS (NON-WEIGHTED DURING CONSTRUCTION, WEIGHTED ONCE BASE COURSE IS PLACED.)
	NPDES SILT FENCE

MATCHLINE STA. 16+00 SEE SHEET D1

MATCHLINE STA. 22+00 SEE SHEET D3

IE INFRASTRUCTURE CONSULTING & ENGINEERING



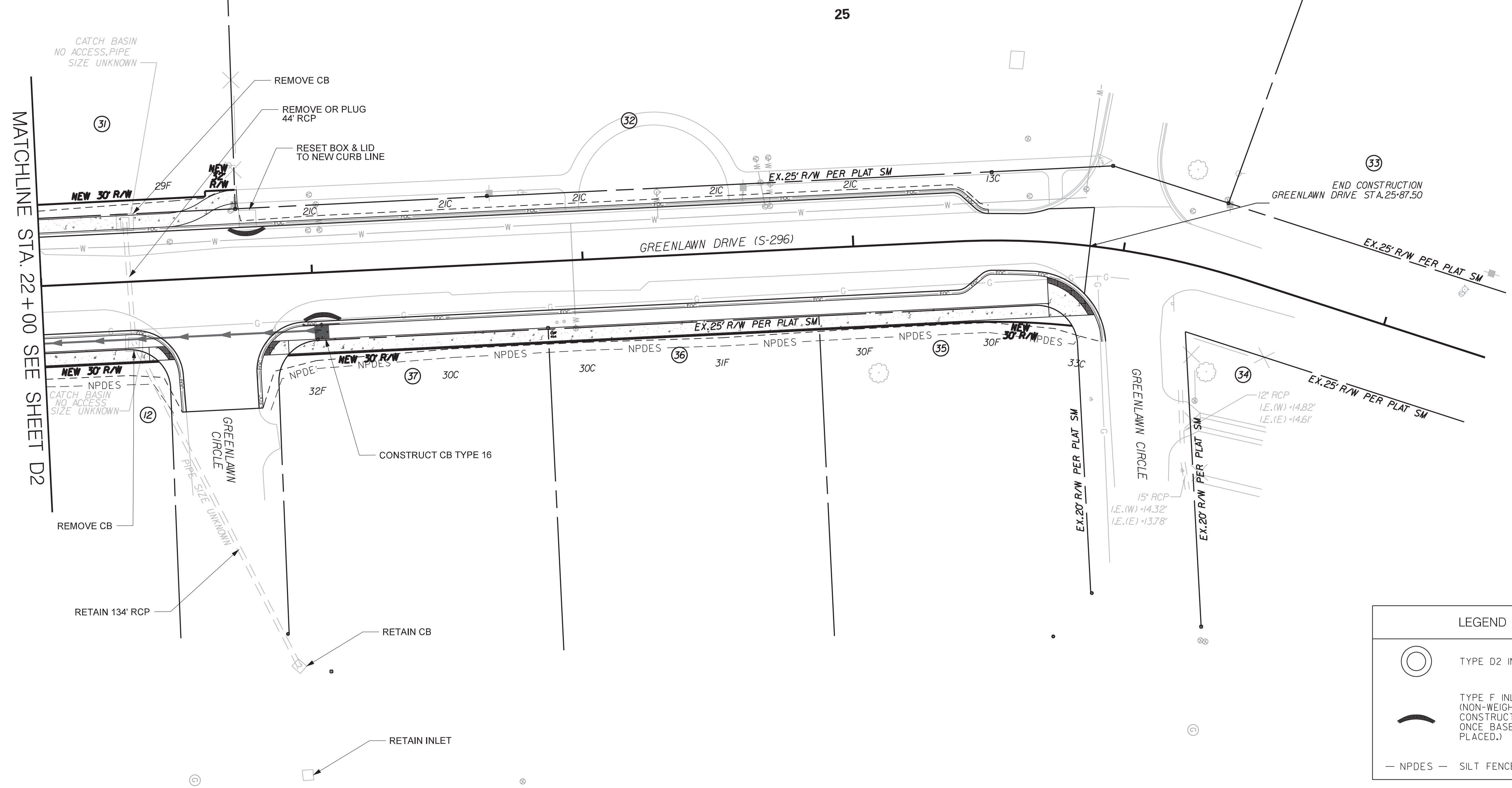
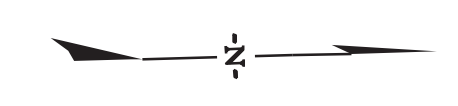
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BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DRAINAGE & EROSION
CONTROL SHEET

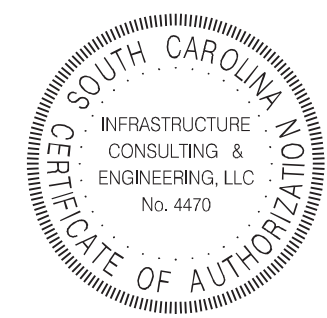
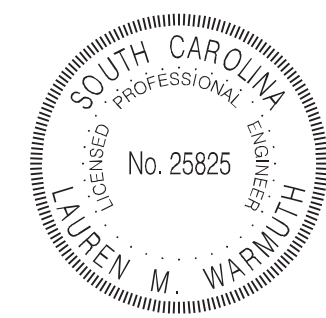
SHEET D2 SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	D3



LEGEND	
	TYPE D2 INLET FILTERS
	TYPE F INLET FILTERS (NON-WEIGHTED DURING CONSTRUCTION, WEIGHTED ONCE BASE COURSE IS PLACED.)
	NPDES
	SILT FENCE

IE INFRASTRUCTURE
CONSULTING & ENGINEERING



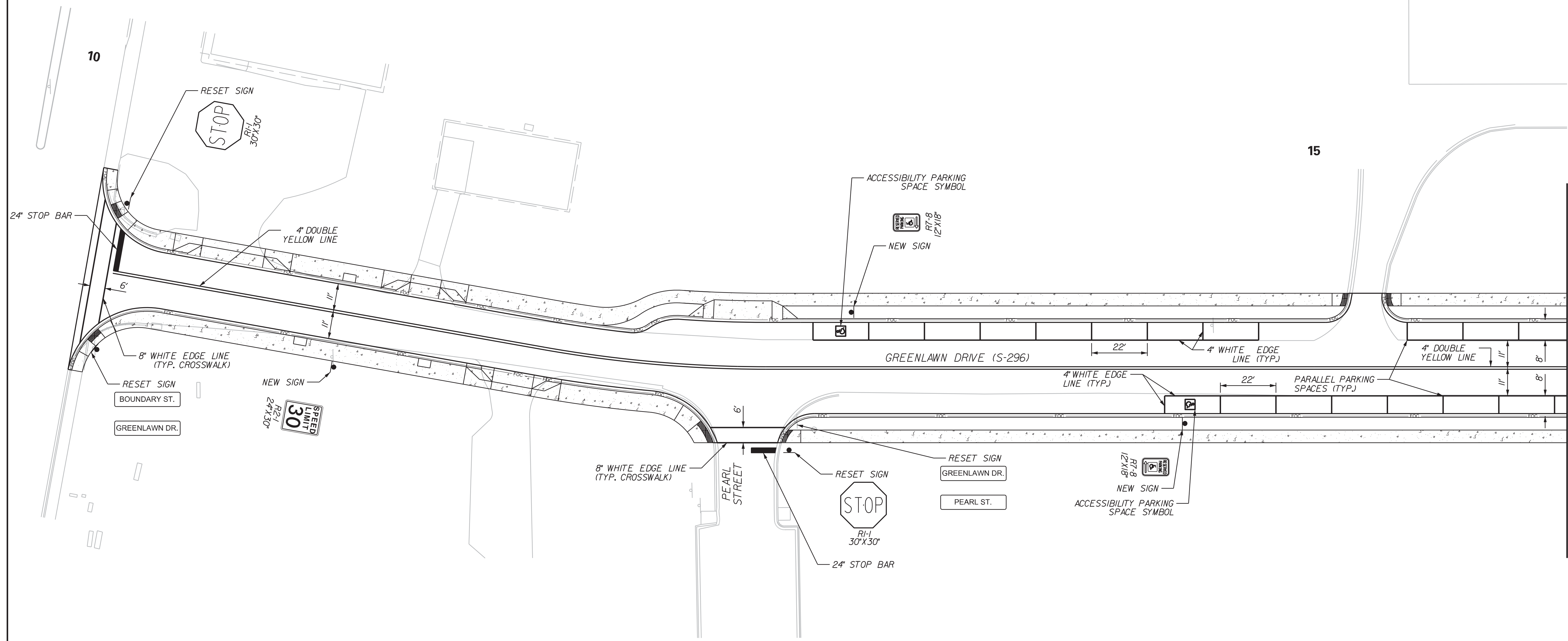
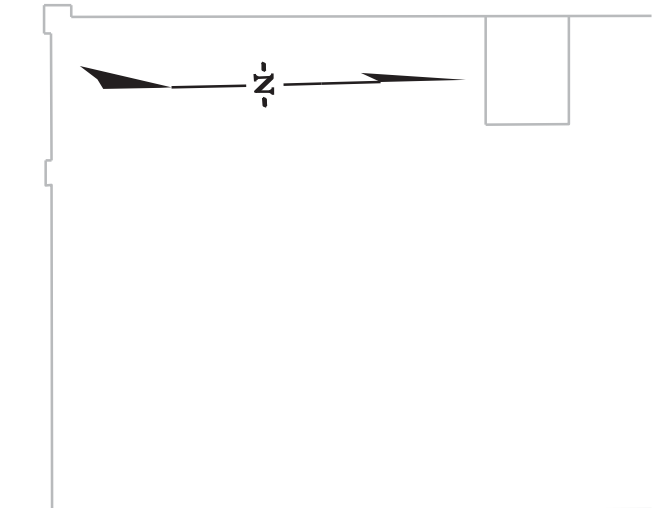
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:	SEM	DATE 04/06/2018	
DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DRAINAGE & EROSION
CONTROL SHEET

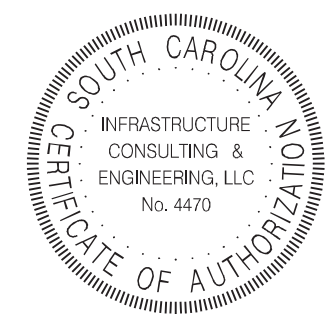
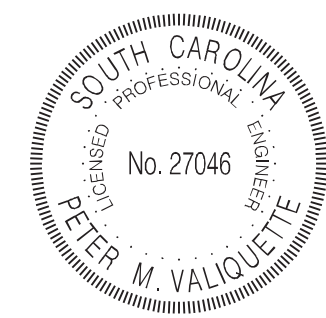
SHEET D3 SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	PM1



MATCHLINE STA. 16+00 SEE SHEET PM2

IE INFRASTRUCTURE
CONSULTING & ENGINEERING



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:	SEM	DATE 04/06/2018	
DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

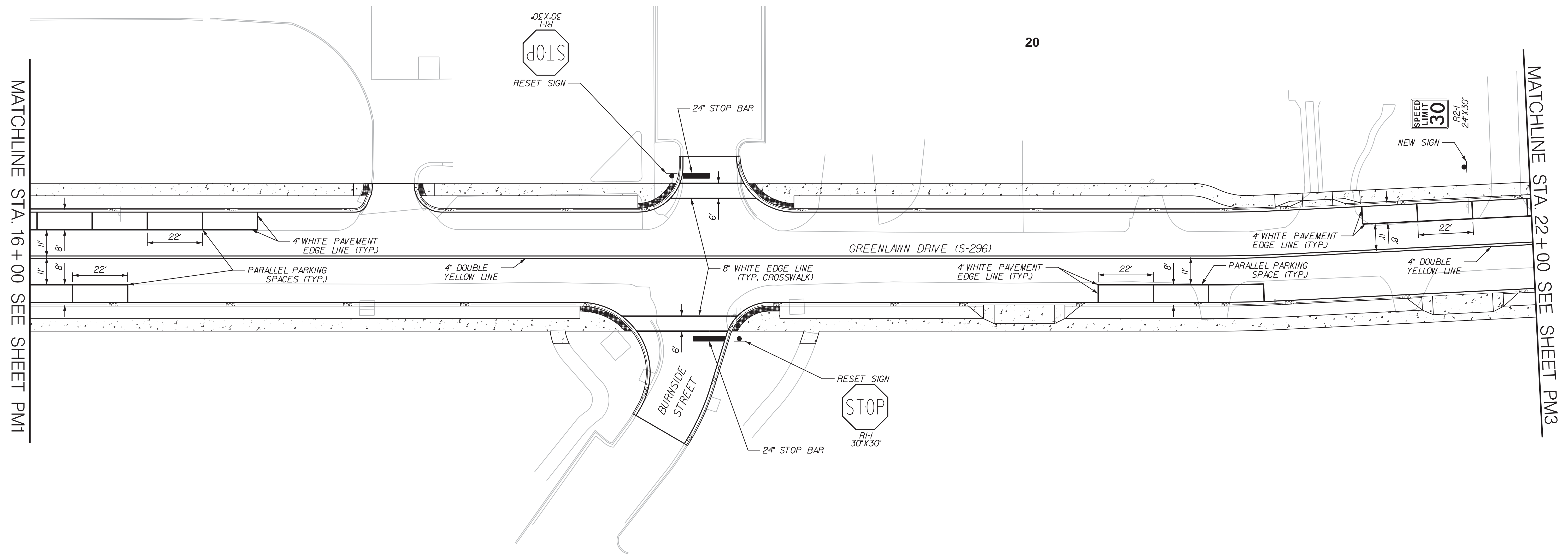
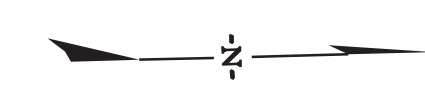
BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
PAVEMENT MARKING
AND SIGNING SHEET

SHEET PM1

SCALE: 1" = 20'

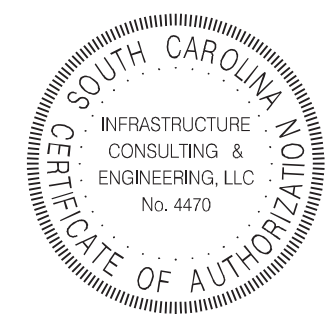
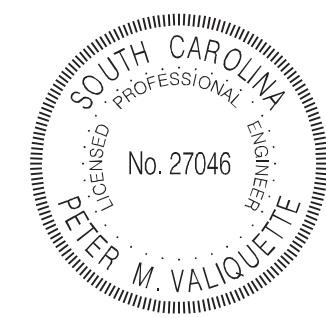
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	PM2



MATCHLINE STA. 16+00 SEE SHEET PM1

MATCHLINE STA. 22+00 SEE SHEET PM3

IE INFRASTRUCTURE
CONSULTING & ENGINEERING



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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DRAWN BY:	SEM	DATE 04/06/2018	
CHECKED BY:	PMV	DATE 04/06/2018	

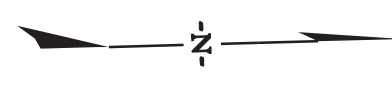
BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
PAVEMENT MARKING
AND SIGNING SHEET

SHEET PM2

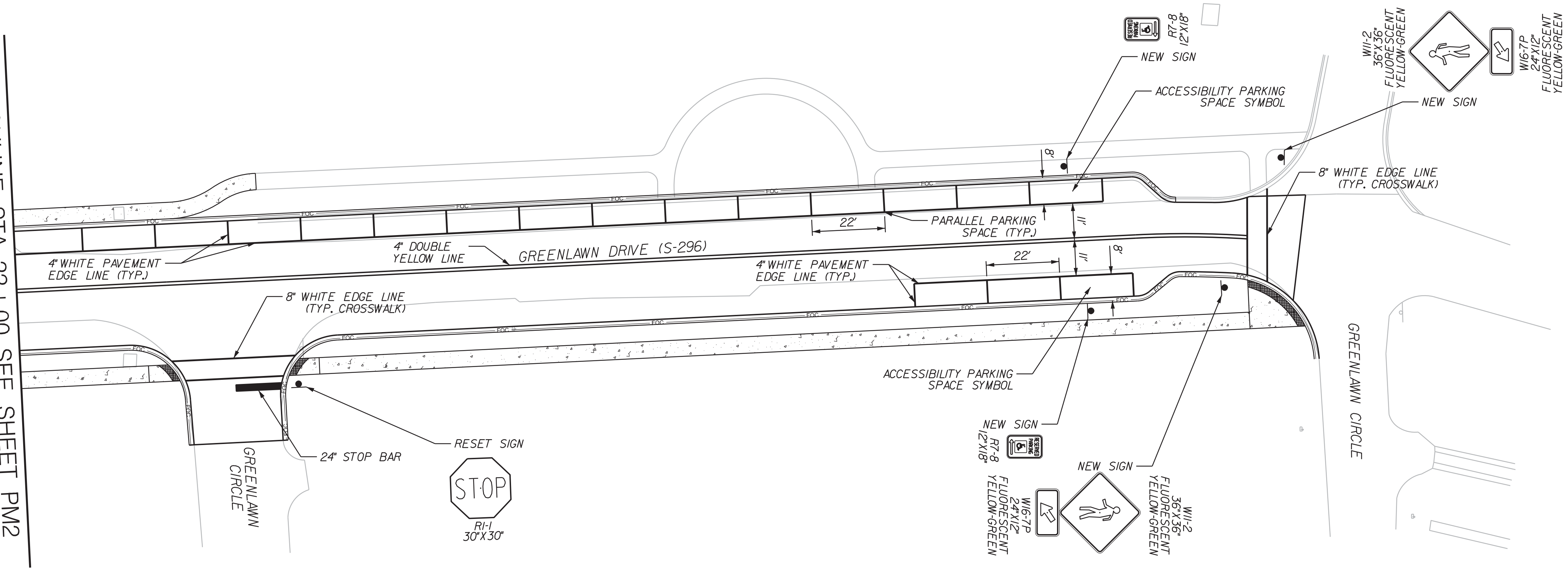
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STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	PM3

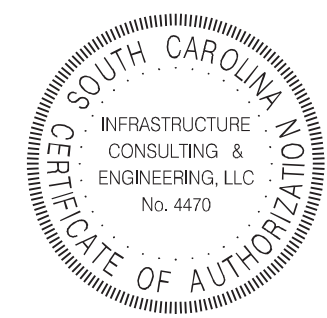
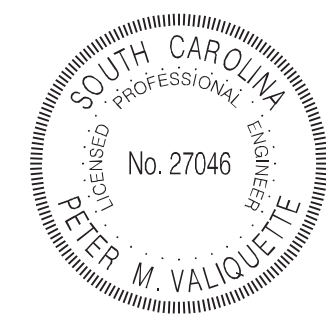


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MATCHLINE STA. 22+00 SEE SHEET PM2



IE INFRASTRUCTURE
CONSULTING & ENGINEERING



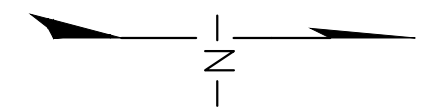
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	SEM	DATE 04/06/2018		
DRAWN BY:	SEM	DATE 04/06/2018		
CHECKED BY:	PMV	DATE 04/06/2018		

BEAUFORT COUNTY
CITY OF BEAUFORT

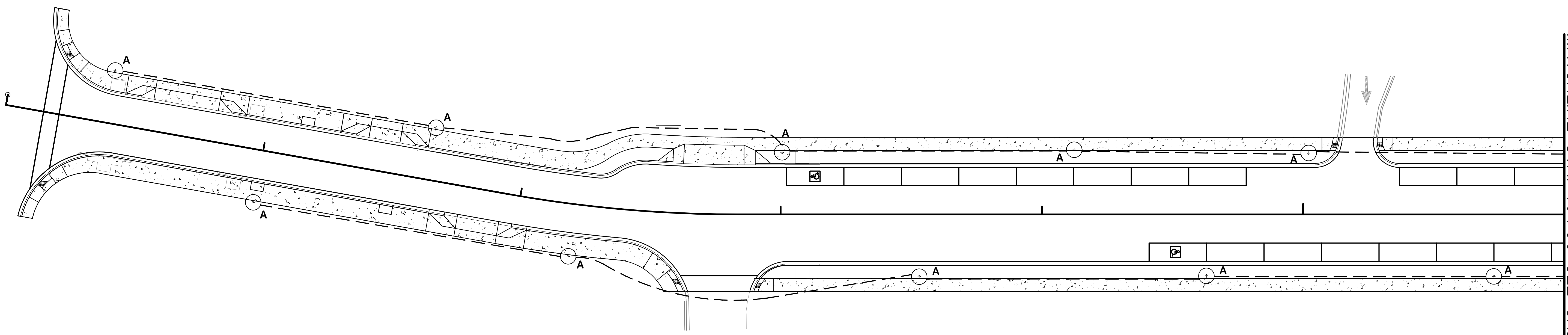
GREENLAWN DRIVE (S-296)
PAVEMENT MARKING
AND SIGNING SHEET

SHEET PM3 SCALE: 1" = 20'

LIGHTING FIXTURE SCHEDULE							
TYPE	MANUFACTURER	CATALOG NUMBER	FINISH	LAMPS		VOLTAGE	REMARKS
				TYPE	WATTS		
A	HOLOPHAHNE	MDLE2P4040KAS3BKRKCHFBKP3	BLACK	LED	77	AUTO-SENSING (120-277V)	DECORATIVE LED LUMINAIRE (MADEIRA SERIES) WITH TYPE III (3) DISTRIBUTION USING GLASS REFRACTOR. POLE SHALL BE ALL ALUMINUM, ONE-PIECE CONSTRUCTION, WITH A CLASSIC TAPERED AND FLUTED BASE DESIGN. THE POLE SHALL BE PROVIDED WITH (1) GFI RECEPTACLE WITH SMALL, IN-USE WEATHERPROOF COVER. POLE HEIGHT SHALL BE 14'-0". POLE SHALL BE FRANGIBLE MOUNTED UTILIZING BREAKAWAY KIT.
	DECORATIVE POLE: HOLOPHANE	POLE: CHA14-F4J16P07ABGBK WITH BREAKAWAY KIT, WIRING DISCONNECT CONNECTOR KIT AND NO. FG1US-SBK GFI RECEPTACLE AND COVERPLATE	BLACK	-	-	-	



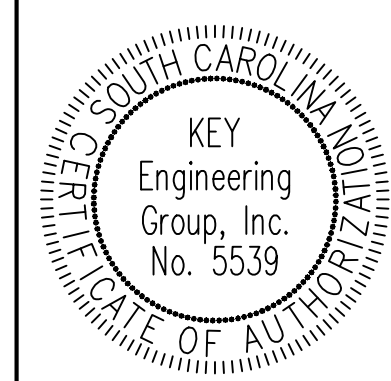
15



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LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	LED DECORATIVE LUMINAIRE AND DECORATIVE ALUMINUM POLE WITH BREAKAWAY BASE AT 14 FOOT MOUNTING HEIGHT. SUBSCRIPT "A" DENOTES LIGHTING FIXTURE, SEE LIGHTING FIXTURE SCHEDULE.
	ROADWAY LIGHTING BRANCH CIRCUIT EMPTY RACEWAY SYSTEM FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. RACEWAY SHALL BE 2" SCHEDULE-40 PVC CONDUIT WITH NYLON PULL CORD INSTALLED A MINIMUM OF 30" BELOW FINISHED GRADE. WIRING FROM SERVICE POINT TO THE IN-GROUND HAND-HOLE LOCATED ADJACENT TO EACH LIGHT POLE WILL BE FURNISHED AND INSTALLED BY THE SERVING POWER COMPANY. WIRING FROM THE HANDHOLE LOCATED ADJACENT TO THE POLE BASE TO THE LIGHT FIXTURE SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL WORK SHALL BE COORDINATED IN DETAIL WITH THE POWER COMPANY PRIOR TO INSTALLATION. THE HAND-HOLE THAT SHALL BE INSTALLED ADJACENT TO EACH LIGHT POLE WILL BE FURNISHED BY THE POWER COMPANY AND SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR IN COMPLIANCE WITH THE POWER COMPANY'S REQUIREMENTS. FOR PLAN CLARITY, THE HANDHOLE THAT IS TO BE INSTALLED ADJACENT TO EACH LIGHT POLE BY THE ELECTRICAL CONTRACTOR, IS NOT SHOWN, BUT IS REQUIRED AS NOTED ABOVE.
	2" HDPE DIRECTIONAL BORE CONDUIT INSTALLED UNDER EXISTING CONCRETE SIDEWALK.

MATCHLINE STA. 16+00 SEE SHEET LL 2



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DRAWN BY:	RES	DATE 09/26/2018		
CHECKED BY:	GHL	DATE 09/26/2018		

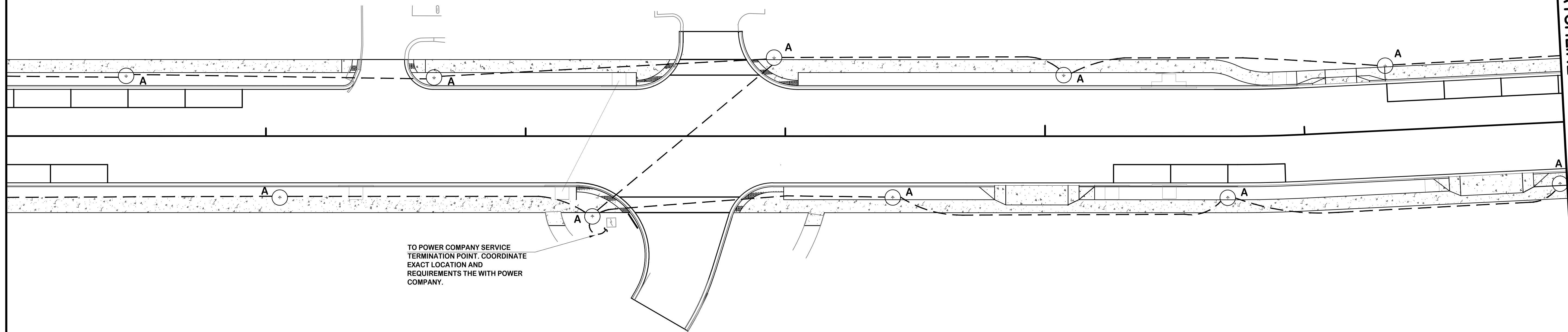
BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) LIGHTING	
SHEET LL 1	SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	LL 2

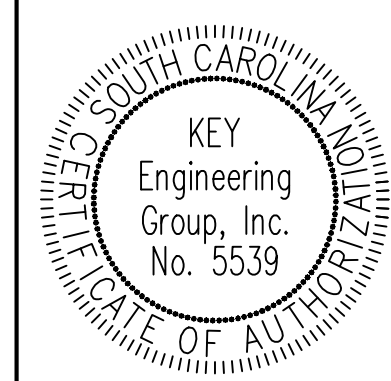
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MATCHLINE STA. 16+00 SEE SHEET LL 1

MATCHLINE STA. 22+00 SEE SHEET LL 3



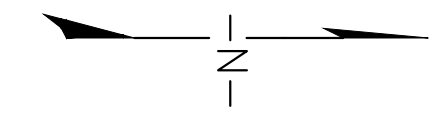
TO POWER COMPANY SERVICE
TERMINATION POINT. COORDINATE
EXACT LOCATION AND
REQUIREMENTS THE WITH POWER
COMPANY.



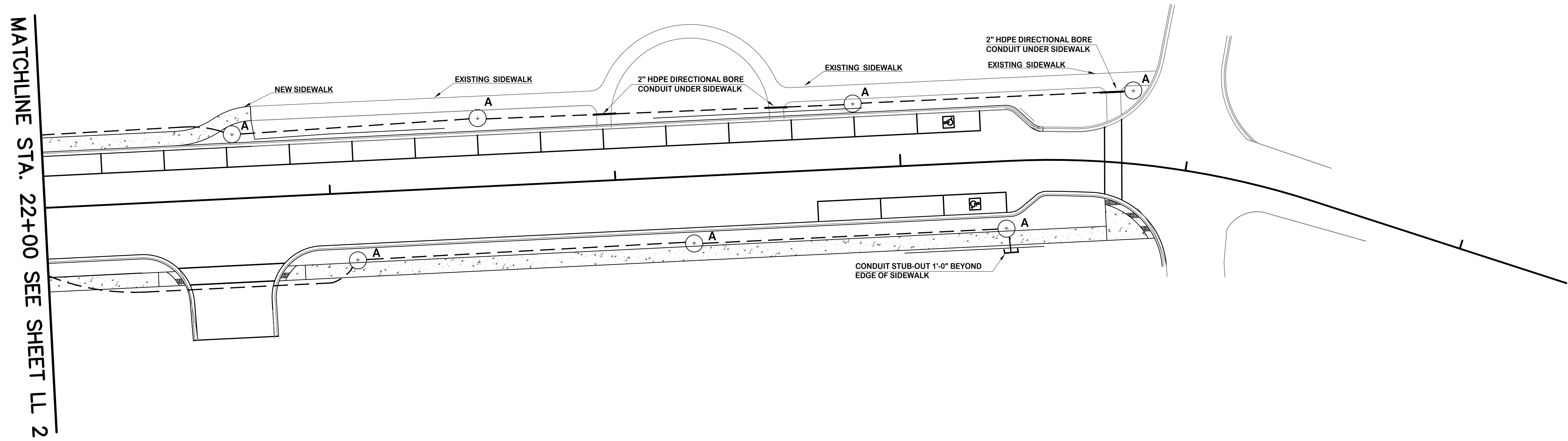
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	RES	DATE 09/26/2018		
DRAWN BY:	RES	DATE 09/26/2018		
CHECKED BY:	GHL	DATE 09/26/2018		

BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) LIGHTING	
SHEET LL 2	SCALE: 1" = 20'

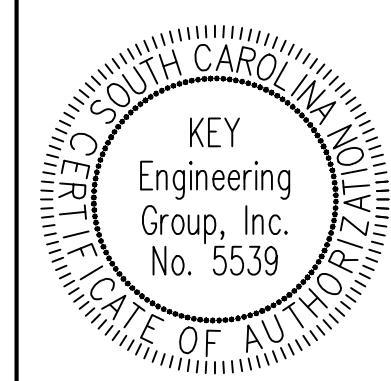
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	LL 3



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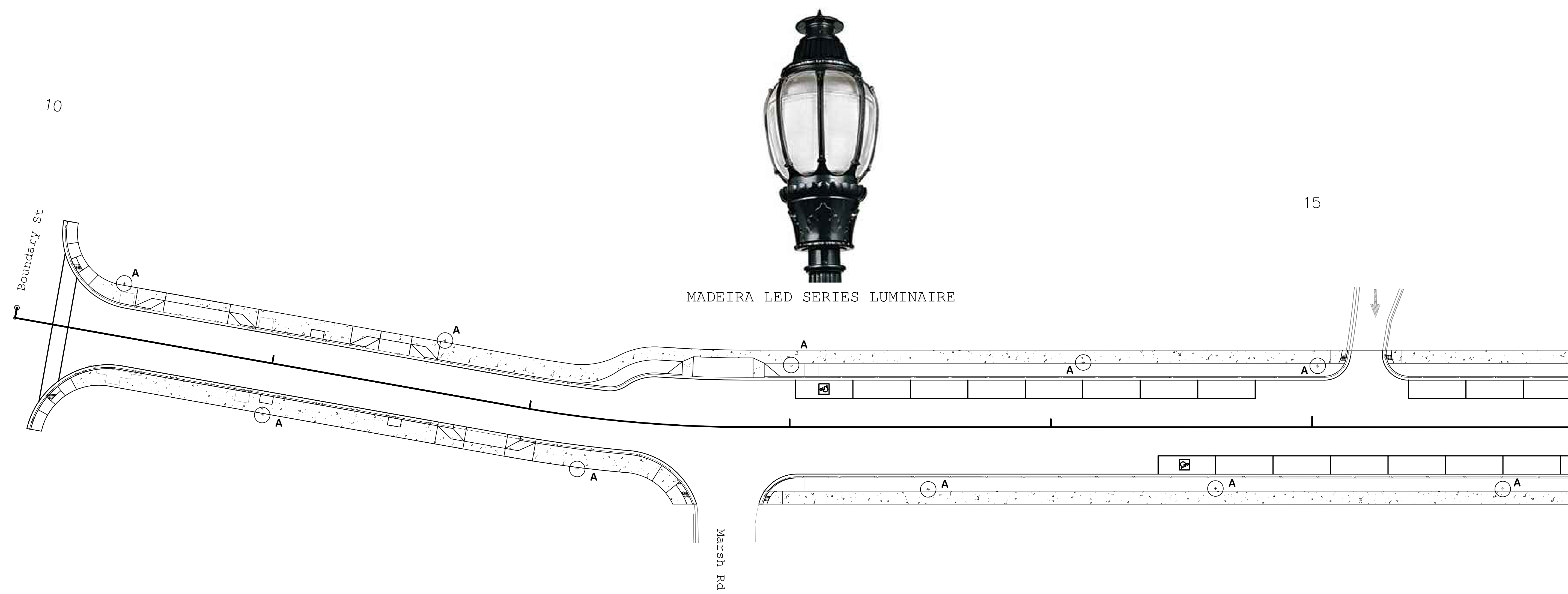


MATCHLINE STA. 22+00 SEE SHEET LL 2



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	RES	DATE 09/26/2018		
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CHECKED BY:	GHL	DATE 09/26/2018		

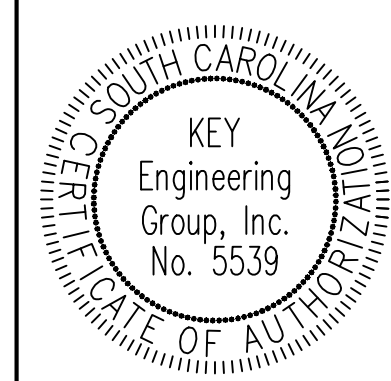
BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) LIGHTING	
SHEET LL 3	SCALE: 1" = 20'



MATCHLINE STA. 16+00 SEE SHEET PH 2

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
Boundary Street	Illuminance	Fc	0.89	2.1	0.2	4.45	10.50	Boundary Street From Begin To End

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description	Filename	[MANUFAC]	[LUMCAT]
⊕	27	A	SINGLE	N.A.	0.920	MDLE2 P40 40K AS 3	MDLE2_P40_40K_AS_3.ies	Holophane	MDLE2 P40 40K AS 3



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CHECKED BY:	GHL	DATE 09/26/2018	

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
PHOTOMETRICS

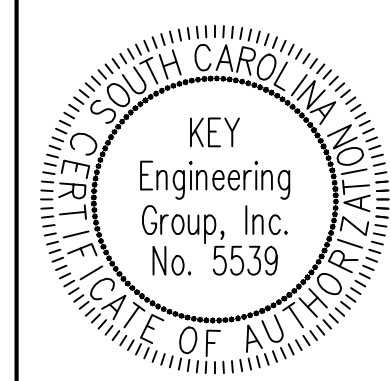
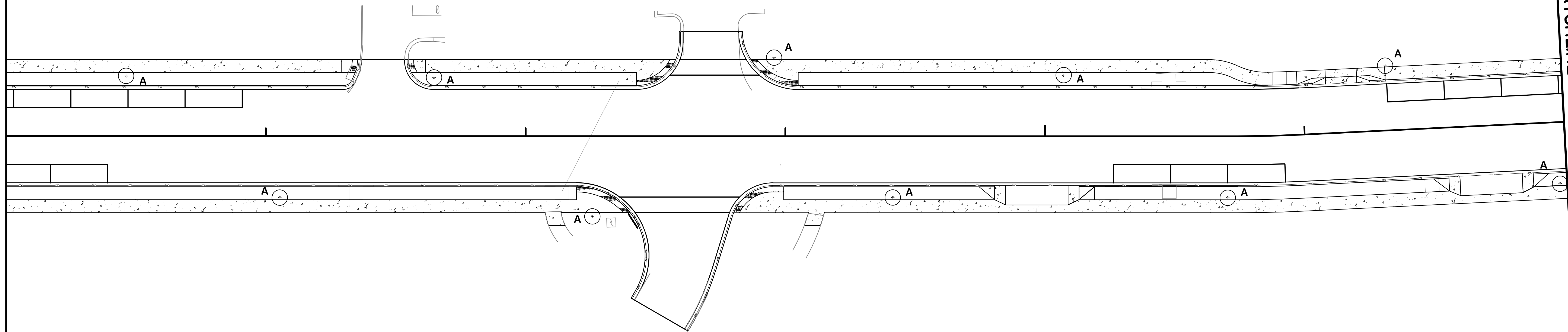
SHEET PH 1 SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	PH 2

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MATCHLINE STA. 16+00 SEE SHEET LL 1

MATCHLINE STA. 22+00 SEE SHEET LL 3



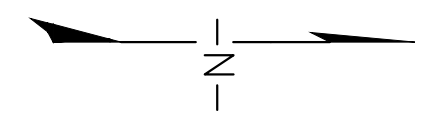
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	RES	DATE 09/26/2018		
DRAWN BY:	RES	DATE 09/26/2018		
CHECKED BY:	GHL	DATE 09/26/2018		

BEAUFORT COUNTY
CITY OF BEAUFORT

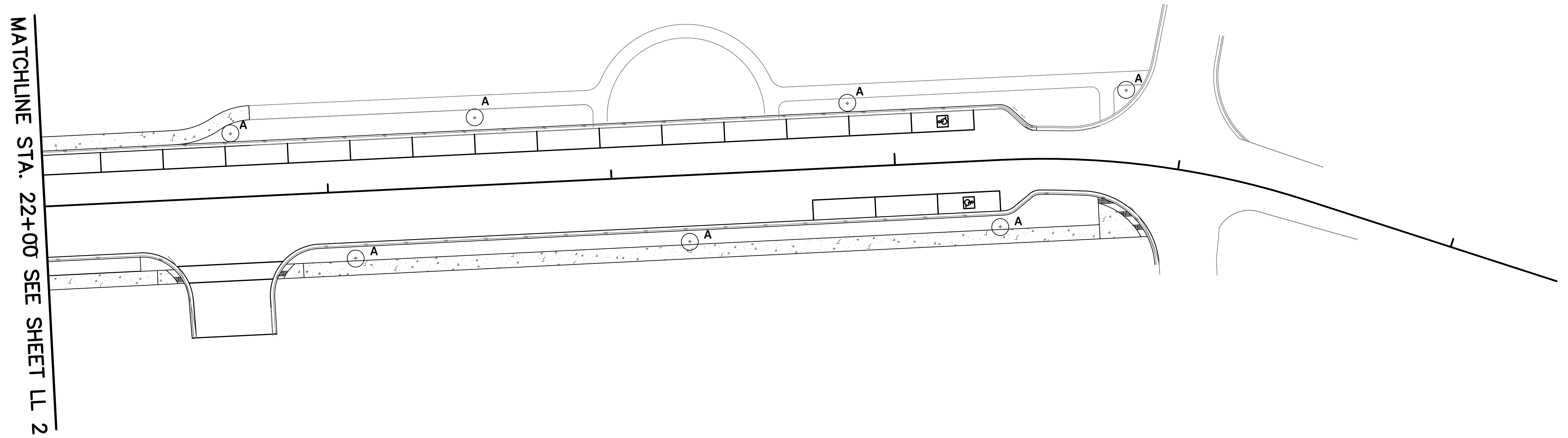
GREENLAWN DRIVE (S-296)
PHOTOMETRICS

SHEET PH 2 SCALE: 1" = 20'

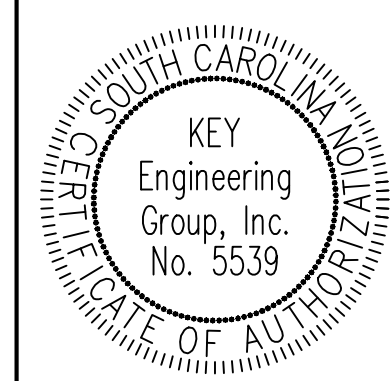
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	PH 3



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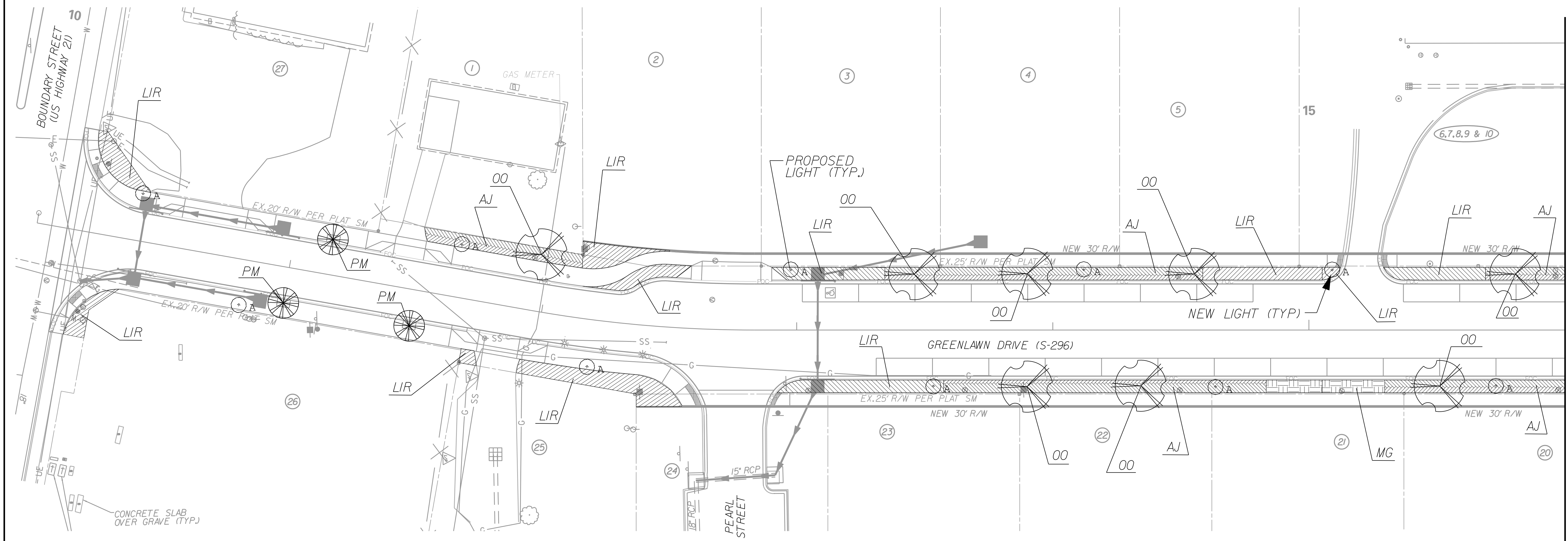
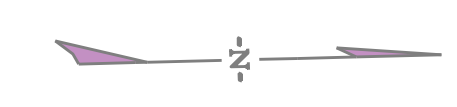


MATCHLINE STA. 22+00 SEE SHEET LL 2



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION	
DESIGNED BY:	RES	DATE 09/26/2018		
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CHECKED BY:	GHL	DATE 09/26/2018		

BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) PHOTOMETRICS	
SHEET PH 3	SCALE: 1" = 20'

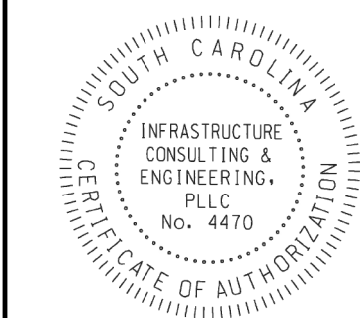


MATCHLINE STA. 16+00 SEE SHEET LA 2

PLANT LIST - THIS SHEET

KEY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	BALL/CONT.	QUANTITY EACH
OO		QUERCUS LYRATA	OVERCUP OAK	14'-16'	B & B	8
PM		SABAL PALMETTO	SABAL PALM	10'-12'	BARE ROOT	3
MG		MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3' O. C.	CONT. 12' X 18'	22
AJ		TRACHELOSPERMUM ASIATICUM	ASIATIC JASMINE	3' O. C.	CONT. 8' X 12'	185
LIR		LIRIOPE MUSCARI	LIRIOPE	3' O. C.	CONT. 8' X 12'	211

NOTE: PLANTING OF TREES, SHRUBS, AND GROUNDCOVERS TO BE DONE FOLLOWING COMPLETION OF CURB AND GUTTER AND SIDEWALK

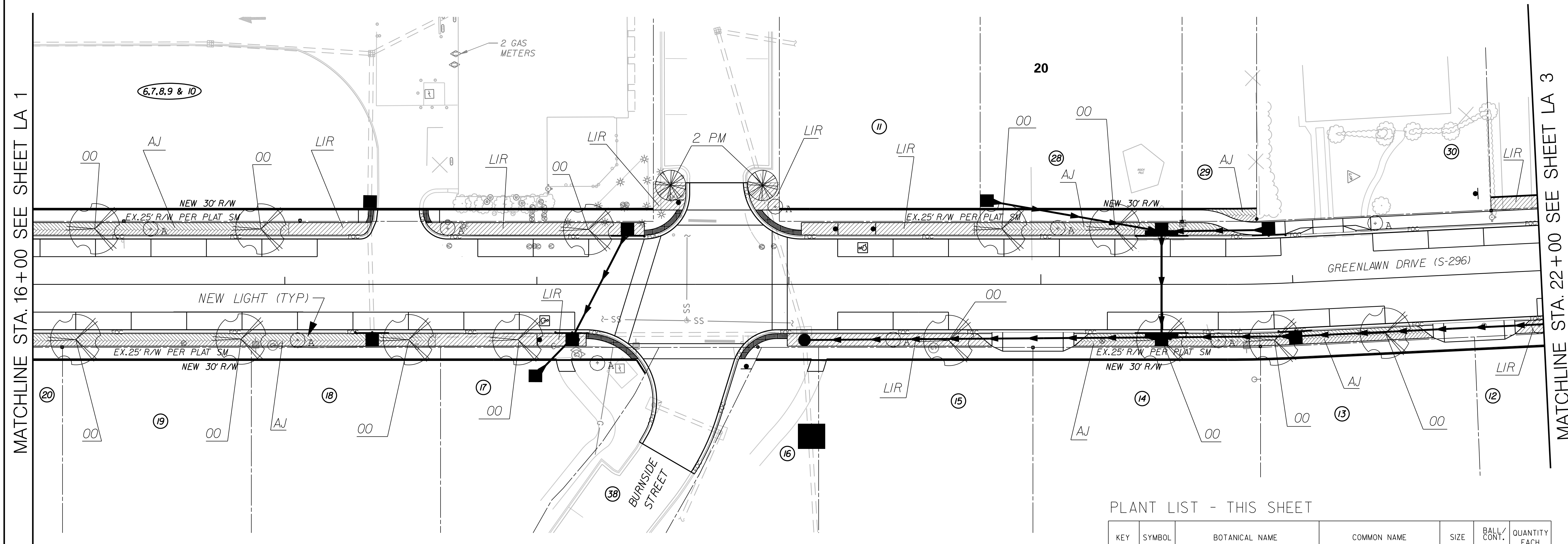


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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
DESIGNED BY:	JES	DATE 06/13/2018	
DRAWN BY:	JES	DATE 06/13/2018	
CHECKED BY:	AOL	DATE	

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
LANDSCAPE PLANS

SHEET LA 1 SCALE: 1" = 20'



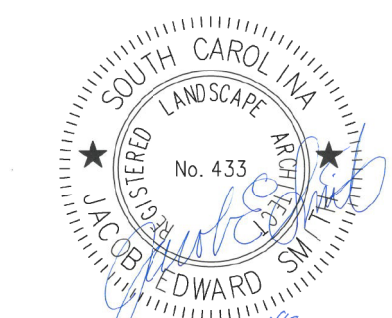
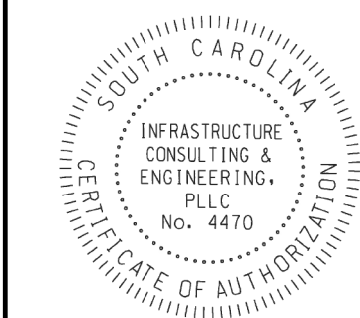
MATCHLINE STA. 16+00 SEE SHEET LA 1

MATCHLINE STA. 22+00 SEE SHEET LA 3

PLANT LIST - THIS SHEET

KEY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	BALL/CONT.	QUANTITY EACH
00		QUERCUS LYRATA	OVERCUP OAK	14'-16'	B & B	13
PM		SABAL PALMETTO	SABAL PALM	10'-12'	BARE ROOT	2
MG		MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3' O. C.	CONT. 12' X 18'	0
AJ		TRACHELOSPERMUM ASIATICUM	ASIATIC JASMINE	3' O. C.	CONT. 8' X 12'	266
LIR		LIRIOPE MUSCARI	LIRIOPE	3' O. C.	CONT. 8' X 12'	280

NOTE: PLANTING OF TREES, SHRUBS, AND GROUNDCOVERS TO BE DONE FOLLOWING COMPLETION OF CURB AND GUTTER AND SIDEWALK

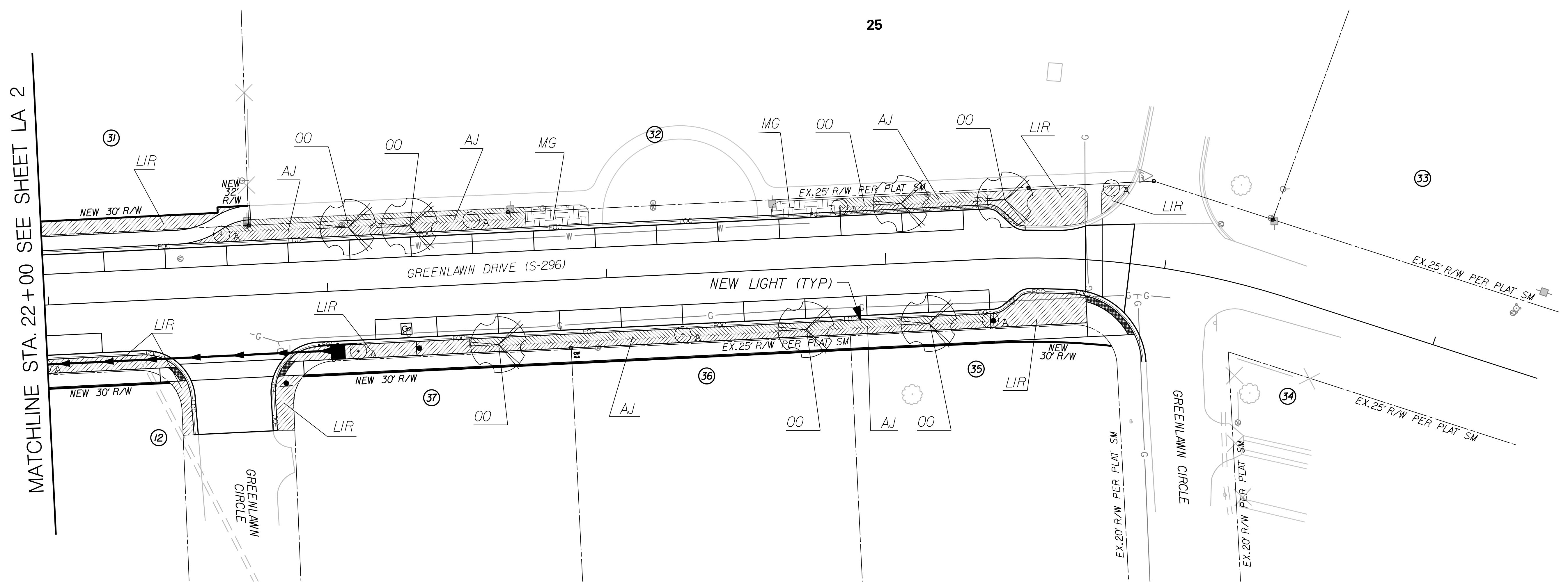


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CHECKED BY:	AOL	DATE	

BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
LANDSCAPE PLANS

SHEET LA 2 SCALE: 1" = 20'

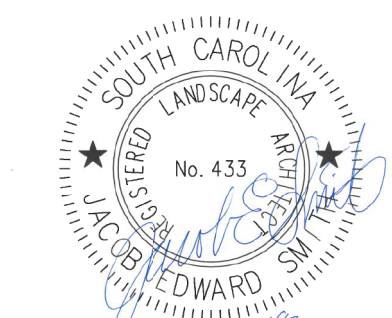
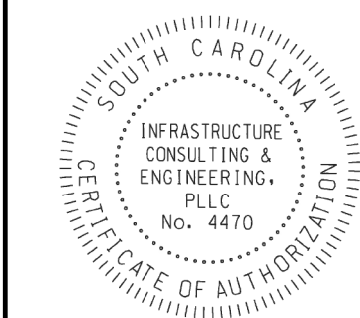


MATCHLINE STA. 22+00 SEE SHEET LA 2

PLANT LIST - THIS SHEET

KEY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	BALL/CONT.	QUANTITY EACH
OO		QUERCUS LYRATA	OVERCUP OAK	14'-16'	B & B	7
PM		SABAL PALMETTO	SABAL PALM	10'-12'	BARE ROOT	0
MG		MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3' O. C.	CONT. 12' X 18'	36
AJ		TRACHELOSPERMUM ASIATICUM	ASIATIC JASMINE	3' O. C.	CONT. 8' X 12'	244
LIR		LIRIOPE MUSCARI	LIRIOPE	3' O. C.	CONT. 8' X 12'	163

NOTE: PLANTING OF TREES, SHRUBS, AND GROUNDCOVERS TO BE DONE FOLLOWING COMPLETION OF CURB AND GUTTER AND SIDEWALK

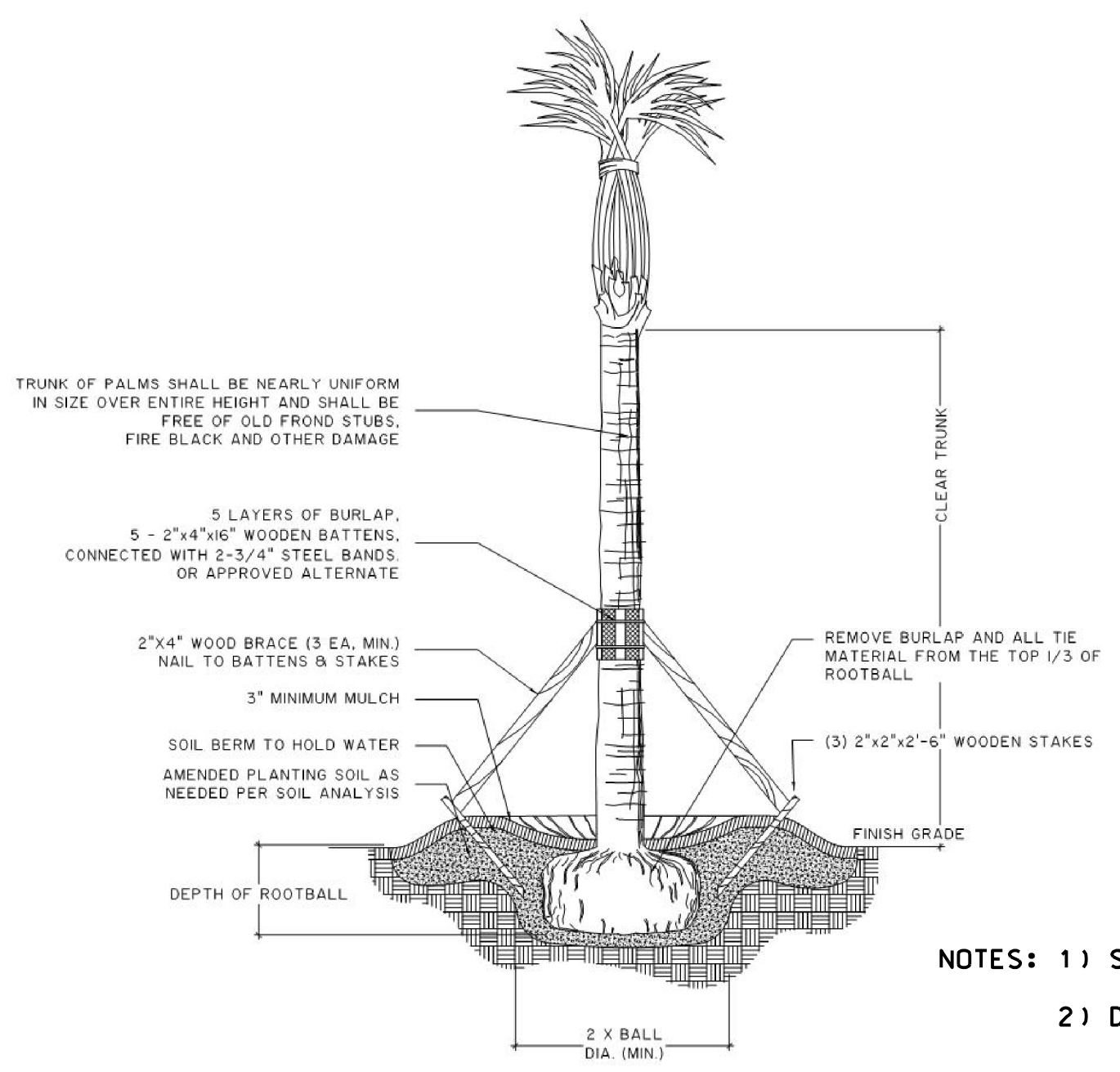


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BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
LANDSCAPE PLANS

SHEET LA 3 SCALE: 1" = 20'



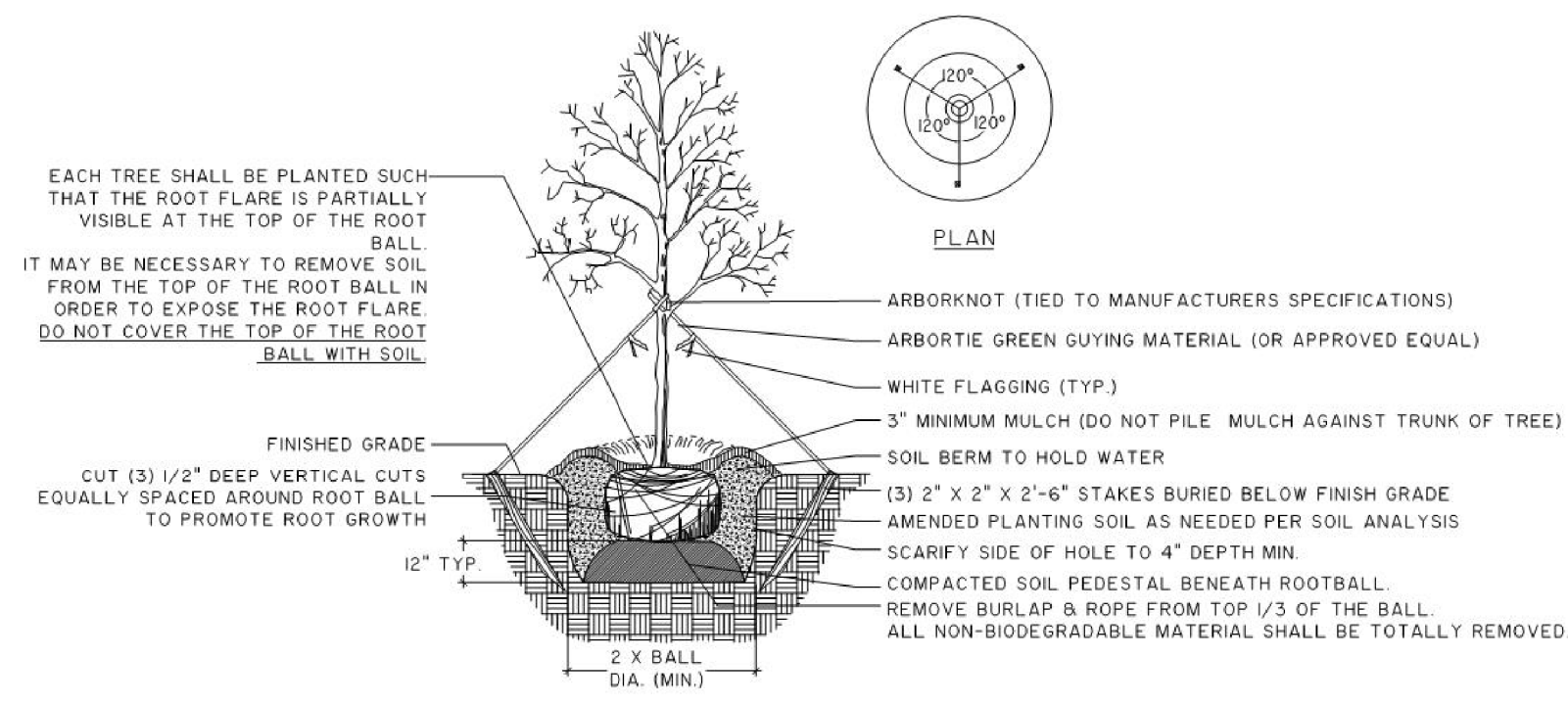
NOTES:

- SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- PLANT ROOT BALL FLUSH WITH FINISHED GRADE UNLESS AREA HAS POOR DRAINAGE, IN WHICH CASE PLANT ROOTBALL 2" ABOVE GRADE.
- SABAL PALMETTOS SHALL BE DEFOLIATED, PROTECT CABPAGE HEAD FROM DAMAGE. ALL OTHER PALM SPECIES MUST HAVE FRONDS TIED W/BIOGRADABLE STRAP OR TWINE.
- FINAL TREE STAKING AND PLACEMENT TO BE APPROVED BY OWNER'S REP.
- CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

PALM TREE PLANTING
NOT TO SCALE

GENERAL NOTES

- REQUIREMENTS FOR THE MEASUREMENTS, BRANCHING, GRADING, QUALITY, BALLING AND BURLAPPING OF PLANTS IN THE PLANT LIST GENERALLY FOLLOWS OR EXCEEDS A CODE OF STANDARDS CURRENTLY RECOMMENDED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. IN THE AMERICAN STANDARDS FOR NURSERYSTOCK (ASNS).
- ALL PLANTS SHALL HAVE A WELL FORMED HEAD WITH MINIMUM CALIPER, HEIGHT AND SPREAD OF THE SIDE BRANCHES AS SHOWN ON THE PLANT LIST. TRUNKS SHALL BE UNDAMAGED AND SHAPE SHALL BE TYPICAL OF THE SPECIES.
- MEASUREMENT OF CONIFER HEIGHT SHALL INCLUDE NOT MORE THAN FIFTY (50) PERCENT OF THIS YEARS VERTICAL GROWTH (TOPCANDLE).
- THE LANDSCAPE CONTRACTOR IS HEREBY NOTIFIED OF THE EXISTENCE OF UNDERGROUND UTILITIES WITHIN THE LIMITS OF THE PROJECT AREA. THE CONTRACTOR SHOULD VERIFY THE EXACT LOCATION OF ALL UTILITY LINES PRIOR TO COMMENCEMENT OF DIGGING OPERATIONS. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, PROTECTING, AND REPAIRING ALL DAMAGE TO BUILDINGS, UTILITIES, PAVEMENT, AND CURB GUTTER. ANY REPAIRS SHALL BE DONE PROMPTLY AT CONTRACTORS EXPENSE.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR STAKING AND LAYOUT OF PLANTINGS ON THIS PROJECT. THE LANDSCAPE ARCHITECT OR OWNER SHALL BE ADVISED WHEN STAKES ARE READY FOR INSPECTION ON VARIOUS PLANTING AREAS. ALL LAYOUT WORK SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT AND OWNER PRIOR TO OPENING ANY PLANTING PITS.
- IT IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR TO VERIFY THAT EACH EXCAVATED TREE OR SHRUB PIT WILL PERCOLATE (DRAIN) PRIOR TO ADDING TOPSOIL AND INSTALLING TREES OR SHRUBS. THE CONTRACTOR SHALL FILL THE BOTTOM OF HOLES WITH SIX (6) INCHES OF WATER. THIS WATER SHOULD PERCOLATE WITHIN A TWENTY FOUR (24) HOUR PERIOD.
- SHOULD THE LANDSCAPE CONTRACTOR ENCOUNTER UNSATISFACTORY SURFACE OR SUBSURFACE DRAINAGE CONDITIONS, SOIL DEPTH, LATENT SOILS, HARDPANS, STEAM OR OTHER UTILITY LINES OR OTHER CONDITIONS THAT WILL JEOPARDIZE THE HEALTH AND VIGOR OF THE PLANTS, HE MUST ADVISE THE LANDSCAPE ARCHITECT IN WRITING OF THE CONDITIONS PRIOR TO INSTALLING THE PLANTS. OTHERWISE, THE LANDSCAPE CONTRACTOR WARRANTS THAT THE PLANTING AREAS ARE SUITABLE FOR PROPER GROWTH AND DEVELOPMENT OF THE PLANTS TO BE INSTALLED.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING UP THE SITE AT THE COMPLETION OF THE PROJECT AND SHALL MAINTAIN THE SITE IN A REASONABLY NEAT AND CLEAN STATE THROUGHOUT THE INSTALLATION PROCESS. STREETS AND PAVED AREAS SHALL BE CLEANED REGULARLY TO REMOVE CONSTRUCTION MATERIALS AND OTHER DEBRIS RESULTING FROM WORK OF THE PROJECT.
- PLANTS SHALL BE GUARANTEED FOR A MINIMUM OF ONE (1) FULL YEAR AFTER THE FORMAL ACCEPTANCE OF THE PLANTING BY THE OWNER AND SHALL BE ALIVE AND IN SATISFACTORY GROWTH AT THE END OF THE GUARANTEE PERIOD. ANY PLANT NOT IN A HEALTHY AND VIGOROUS STATE AT THE END OF THE GUARANTEE PERIOD SHALL BE REPLACED AT NO COST TO THE OWNER, PLANTS SEVERELY DAMAGED BY VANDALS ARE NOT SUBJECT TO REPLACEMENT BY THE CONTRACTOR.
- REPLACEMENTS OF DEAD OR UNSATISFACTORY MATERIAL SHALL BE MADE AS SPECIFIED IN THE PLANT LIST. THE OWNER OR LANDSCAPE ARCHITECT SHALL INSPECT REPLACED PLANTS WHEN ALL REPLACEMENTS HAVE BEEN MADE. REPLACEMENTS ARE TO BE ALIVE AND IN A HEALTHY CONDITION WHEN THE REPLACEMENTS ARE COMPLETE. REPLACEMENTS ARE NOT SUBJECT TO AN ADDITIONAL GUARANTEE, BUT THE LANDSCAPE CONTRACTOR SHALL CONSULT WITH THE LANDSCAPE ARCHITECT ON REASON FOR PLANT DECLINE / DEATH AND HOW TO AVOID FUTURE INSTANCES.
- SHOULD THE CONTRACTOR NOT MAKE REPLACEMENTS IN A SATISFACTORY AND TIMELY FASHION IN ACCORDANCE WITH THE PLANTING NOTES, THE OWNER, AFTER PROPER NOTIFICATION TO THE CONTRACTOR MAY UTILIZE THE FUNDS OF THE RETAINAGE TO HAVE THE REPLACEMENTS MADE BY ANOTHER CONTRACTOR, IN ACCORDANCE WITH THE SPECIFICATIONS.
- NO EXCAVATED PLANTING PITS SHALL BE LEFT UNATTENDED OVERNIGHT.
- PLANT MATERIAL QUANTITIES PROVIDED ARE FOR REFERENCE ONLY AND THE CONTRACTOR IS RESPONSIBLE FOR THE ACTUAL MATERIAL TAKE OFFS. DISCREPANCIES BETWEEN QUANTITIES SHOWN ON THE PLANTING PLAN AND THOSE IN THE PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR CLARIFICATION. IF CLARIFICATION OF DISCREPANCIES FROM THE LANDSCAPE ARCHITECT IS NOT POSSIBLE, THE QUANTITIES SHOWN ON THE PLANTING PLAN SHALL TAKE PRECEDENCE.



NOTES:

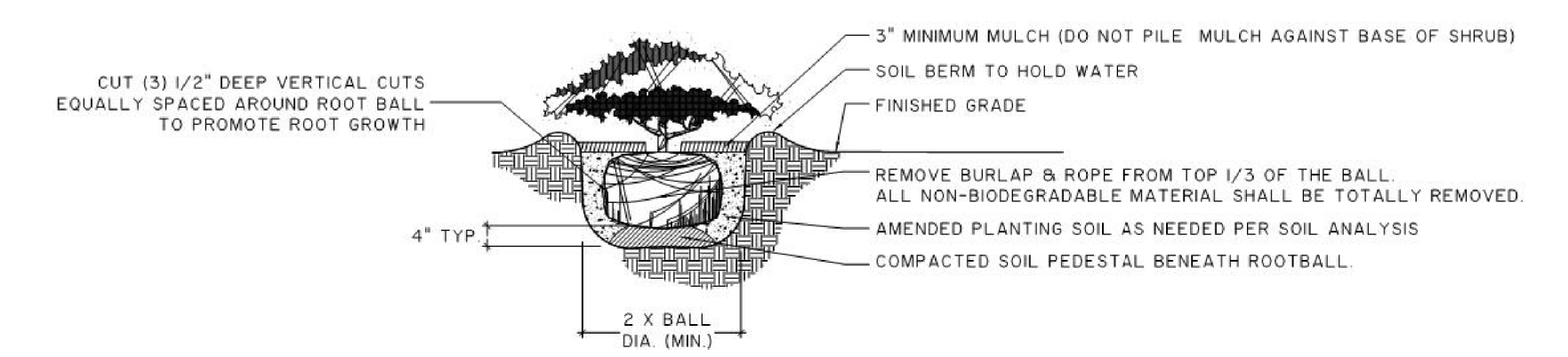
- SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- ONLY GUY TREES WHEN SITE CONDITIONS REQUIRE IT.
- PLANT ROOT BALL FLUSH WITH FINISHED GRADE UNLESS AREA HAS POOR DRAINAGE, IN WHICH CASE PLANT ROOTBALL 2" ABOVE GRADE.
- REMOVE ALL BRANCHES THAT ARE DAMAGED, RUBBING, OR CROSSING OTHER BRANCHES.
- NEVER CUT A CENTRAL LEADER.
- FINAL TREE STAKING AND PLACEMENT TO BE APPROVED BY OWNER'S REP.
- CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

TREE PLANTING
NOT TO SCALE

NOTES: 1) STAKING TO BE DONE ON TREES OF 2.5" CAL. OR GREATER.
2) DO NOT PLACE MULCH WITHIN 4" RADIUS OF TREE TRUNK.

PLANT LIST - ALL SHEETS

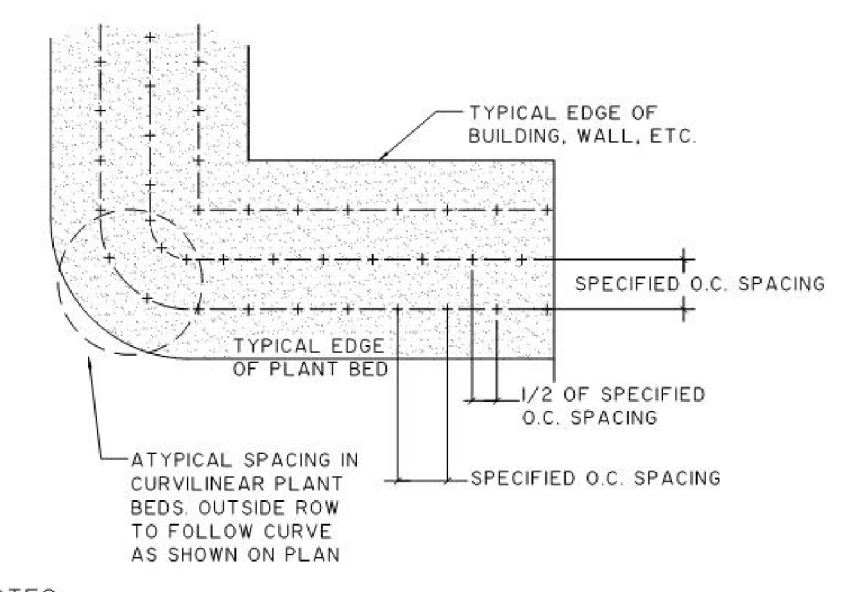
KEY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	BALL/CONT.	QUANTITY EACH
OO		QUERCUS LYRATA	OVERCUP OAK	14'-16'	B & B	28
PM		SABAL PALMETTO	SABAL PALM	10'-12'	BARE ROOT	5
MG		MUHLENBERGIA CAPILLARIS	PINK MUHLY GRASS	3' O. C.	CONT. 12" X 18"	58
AJ		TRACHELOSPERMUM ASIATICUM	ASIATIC JASMINE	3' O. C.	CONT. 8" X 12"	455
LIR		LIRIOPE MUSCARI	LIRIOPE	3' O. C.	CONT. 8" X 12"	654



NOTES:

- SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- WHEN GROUND COVER AND SHRUBS ARE USED IN MASSES, DO NOT FORM SOIL BERMS ON INDIVIDUAL PLANTS AND ENTIRE PLANTING BED SHALL BE EXCAVATED TO RECEIVE PLANTING SOIL AND PLANT MATERIAL.
- PLANT ROOT BALL FLUSH WITH FINISHED GRADE UNLESS AREA HAS POOR DRAINAGE, IN WHICH CASE PLANT ROOTBALL 2" ABOVE GRADE. COORDINATE WITH OWNER'S REP. PRIOR TO SETTING ROOTBALL ELEVATIONS.
- CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.

SHRUB PLANTING
NOT TO SCALE

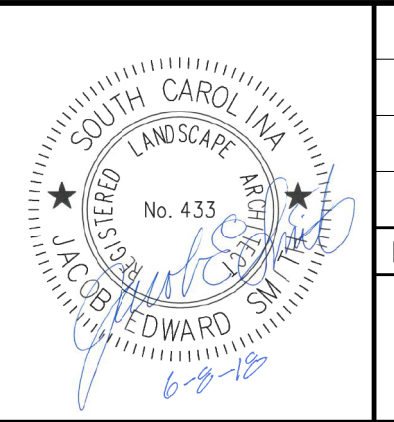
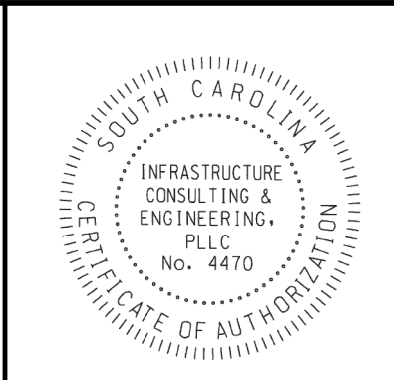


NOTES:

- EXCAVATE ENTIRE BED SPECIFIED FOR GROUND COVER PLANTING TO A DEPTH OF 12".

PLANT SPACING DETAIL
NOT TO SCALE

- REMOVE BURLAP / STRAPPING AND WIRE BASKET FROM TOP OF ROOT BALL ON TREES.
- REMOVE PAPER, PLASTIC, OR METAL AROUND ROOTBALLS OF SHRUBS.
- DO NOT WRAP TREES.
- WATER ALL PLANT MATERIAL IMMEDIATELY AFTER PLANTING. FOR TREES, WATER IN ONCE AFTER BACKFILLING OF THE PLANTING HOLE, THEN WATER IN AGAIN UPON BRINGING BACKFILL TO FINAL GRADE.
- TREE GUYING MATERIAL SHALL BE 'ARBOR TIE' OR EQUIVALENT. IF TREE GUYING IS NECESSARY, ALL SHALL BE REMOVED AFTER ONE YEAR.
- ALL PLANT BEDS TO BE MULCHED WITH 3" OF DOUBLE SHREDDED HARDWOOD MULCH. TWO (2) APPLICATIONS OF MULCH, ONE IMMEDIATELY FOLLOWING PLANT INSTALLATION AND THE OTHER AT END OF THE ONE (1) YEAR ESTABLISHMENT PERIOD ALL PLANT BEDS SHALL RECEIVE 5.0 OZ OF WEED FABRIC.
- ALL AREAS OF PLANTING, INCLUDING AREAS OF GRASS SEEDING AND SOD, SHALL BE GRADED TO PROVIDE POSITIVE DRAINAGE AND SHALL BE PROVIDED APPROPRIATE SOILS OR THE PROPOSED PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL ADJUST PH AND / OR SOIL FERTILITY BY UNIFORMLY INCORPORATING REQUIRED SOILS CONDITIONING MATERIALS AT THE RATE AND DEPTH DETERMINED BY THE ANALYSIS OF THE SOIL TEST (AS REQUIRED IN 3.02 AND 3.12 OF THE LANDSCAPING SPECIFICATIONS). EACH SOILS TEST SHALL BE SPECIFIC TO THE PROPOSED PLANT MATERIAL TO BE INSTALLED IN A GIVEN AREA.
- ALL EXISTING VEGETATION WITHIN AREAS TO BE PLANTED / SODDED / SEEDDED SHALL BE REMOVED PRIOR TO PLANTING / SODDING / SEEDING. ALL AREAS INDICATED TO BE GRASS SEED SHALL BE HYDRO - SEEDER PER THE GRASSING SPECIFICATIONS FOR PERMANENT STABILIZATION.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY WATERING FOR ALL PLANT MATERIAL DURING ESTABLISHMENT PERIOD. THERE WILL BE NO SEPARATE PAY APP. NUMBER PROVIDED.
- CONTRACTOR SHALL INCLUDE ONE (1) YEAR MAINTENANCE/ WATERING OF PLANT MATERIAL IN THE COST OF THE PROJECT.
- ALL PROPOSED PLANTINGS SHALL BE A MINIMUM OF A 1.5' OFFSET FROM THE EDGE OF THE ADJACENT BACK OF CURB, SIDEWALK, OR PROPOSED HARDSCAPE SURFACE TO NEAREST OUTSIDE EDGE OF THE PROPOSED PLANTINGS.



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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
	JES	06/13/2018	DESIGNED BY: JES
	JES	06/13/2018	DRAWN BY: JES
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BEAUFORT COUNTY
CITY OF BEAUFORT






GREENLAWN DRIVE (S-296)
LANDSCAPE PLANS

STRUCTURE TABLE

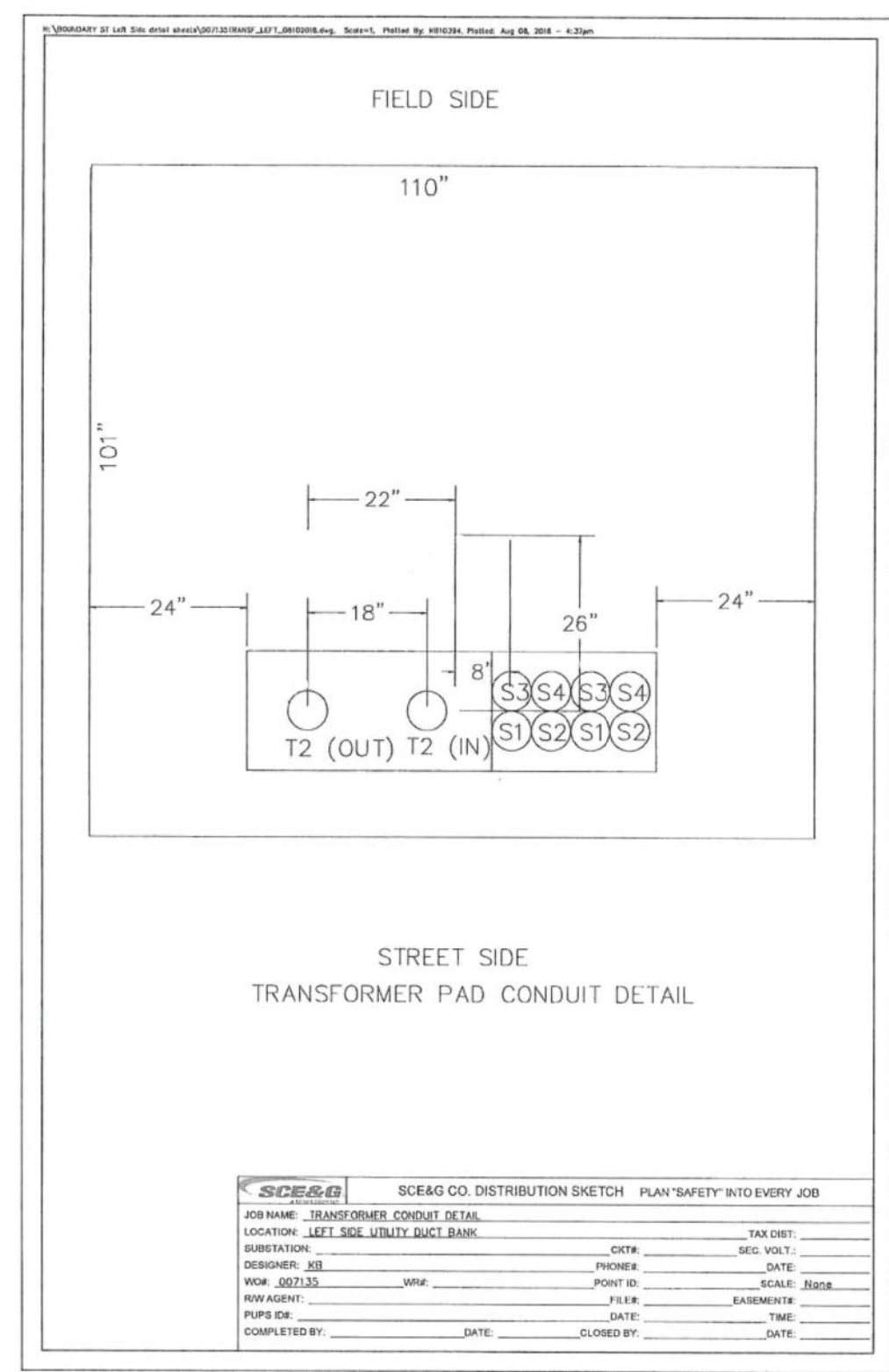
STRUCTURE	STATION	OFFSET	CONDUIT	SCE&G STRUCTURE	OWNERS
1	12+95.00	28.38' LT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
2	14+68.63	51.63' RT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
3	15+41.37	21.38' LT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
4	16+89.00	51.63' RT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
5	18+33.00	91.3' RT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
6	20+81.47	65.88' LT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK
7	23+00.00	91.3' RT	A,B,C,D,E,T, .T.,F.,F ₂	SC-1	SCE&G,HARGRAY,CENTURY LINK

NOTE: ALL STRUCTURES TO BE INSTALLED IN EASEMENTS PROVIDED BY UTILITY

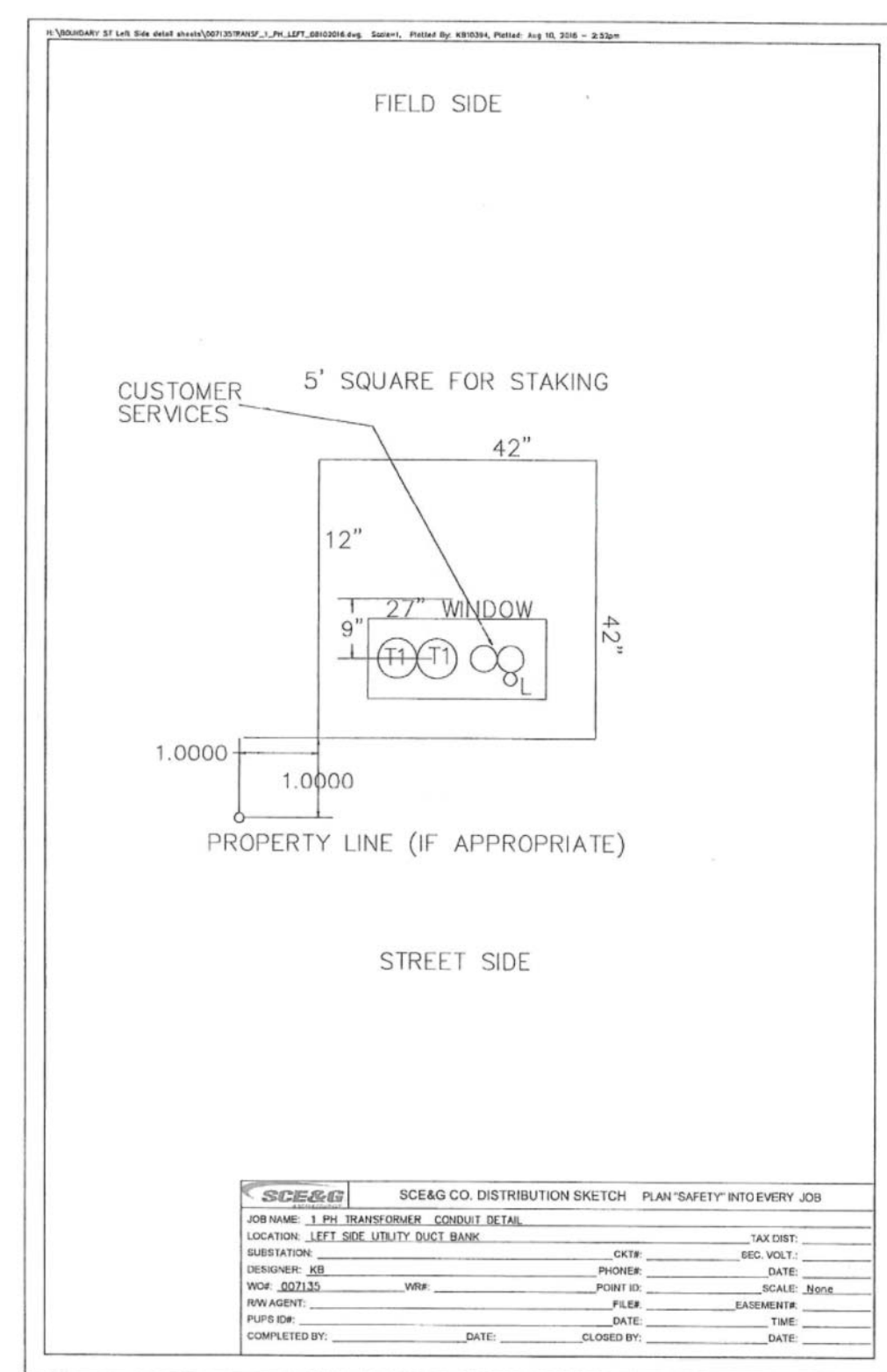
LEGEND

-  CONDUIT TURNOUT LOCATION – SEE UTILITY DUCT BANK TO STRUCTURE DETAIL AND STRUCTURE TABLE
-  2" SCE&G LIGHTING CONDUIT TURNOUT – SEE LIGHTING PLANS FOR POLE/TURNOUT LOCATIONS
- SC-1** TRANSFORMER PAD CONDUIT DETAIL
- SC-2** 1 PH TRANSFORMER CONDUIT DETAIL
- SC-3** SWITCH GEAR ALT B CONDUIT DETAIL
- SC-4** FIRST STREET HANDHOLE CONDUIT DETAIL
- SC-5** CONDUIT STUB-OUT DETAIL
-  HARGRAY
-  HARGRAY
-  CENTURY LINK

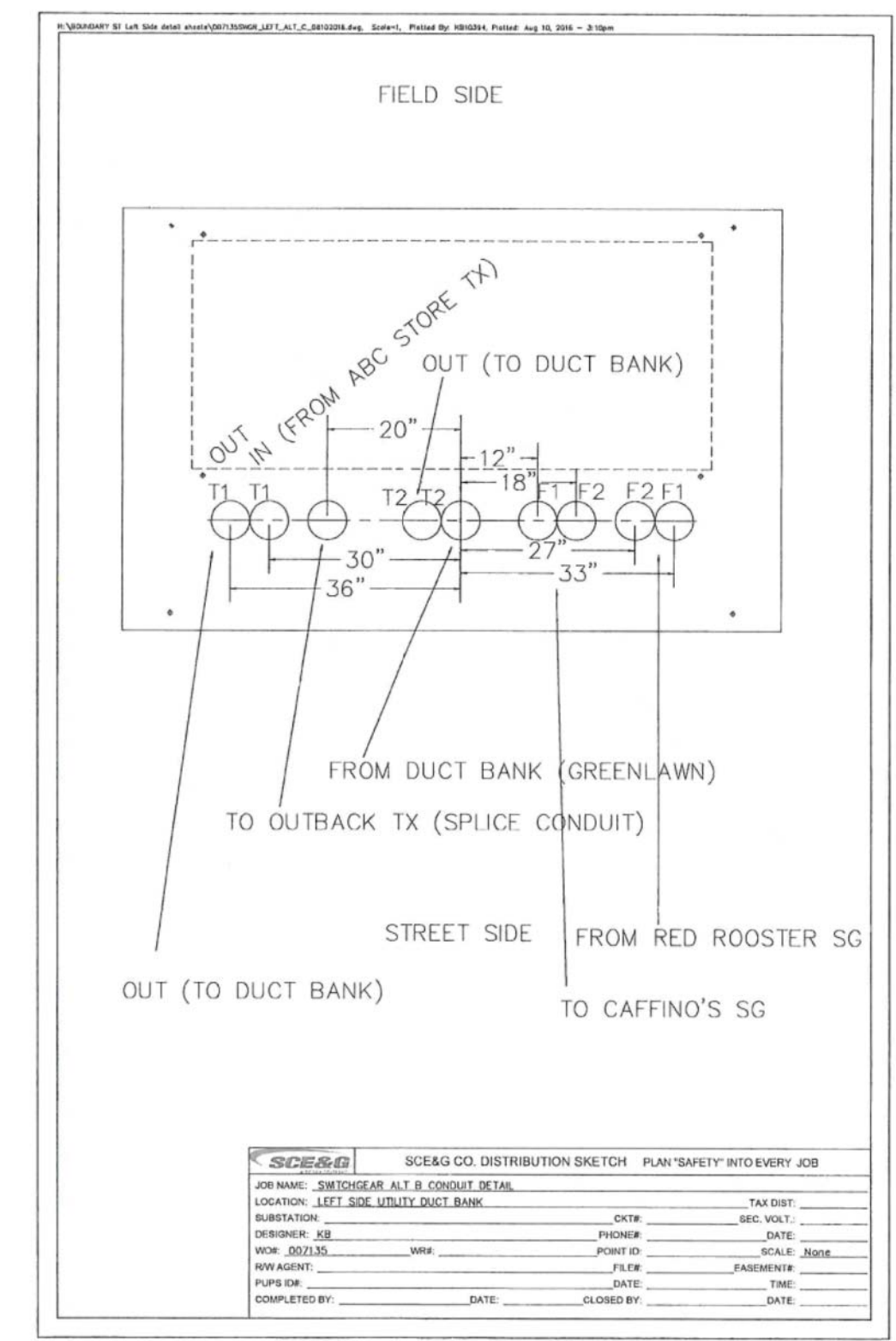
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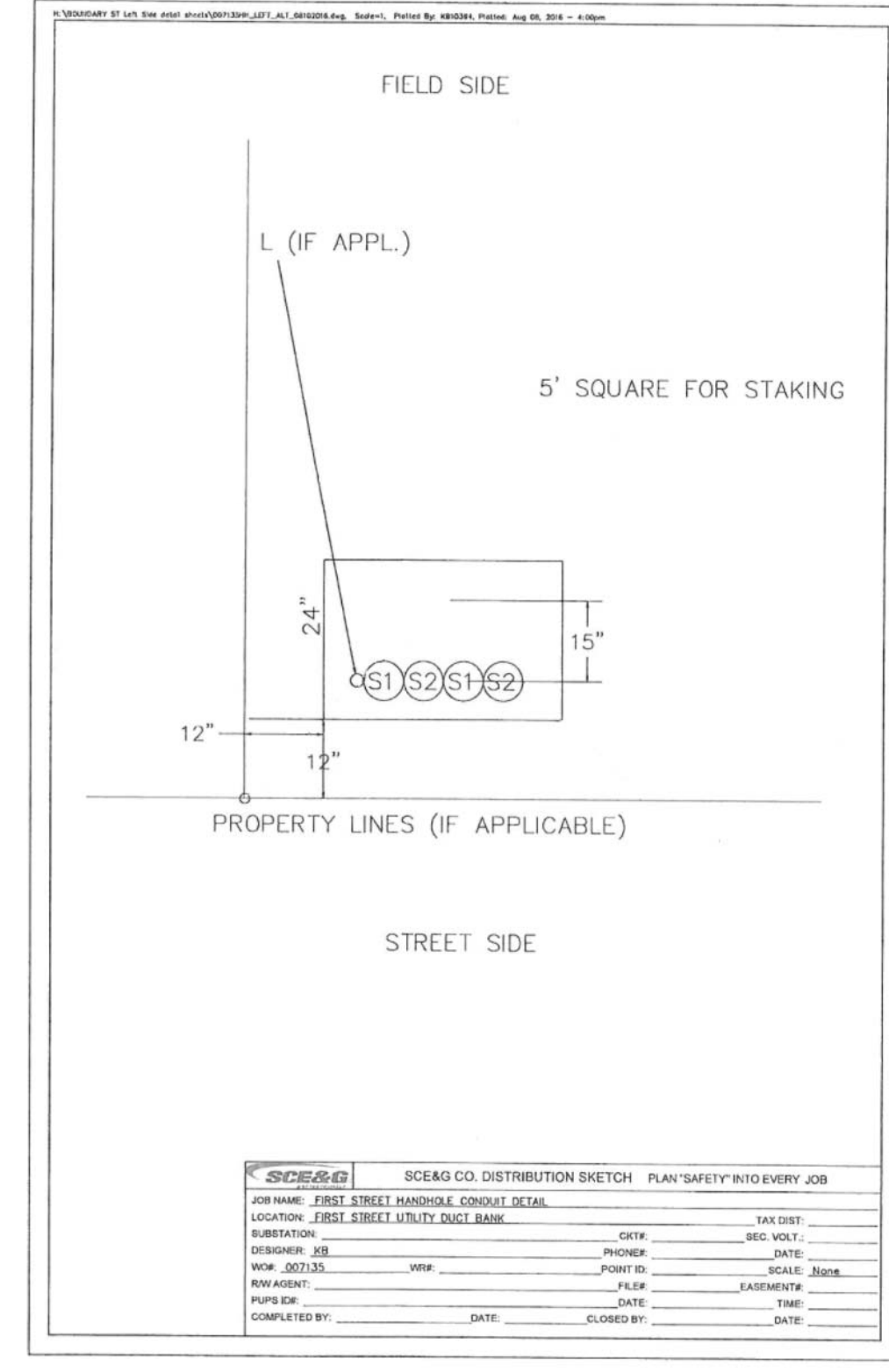
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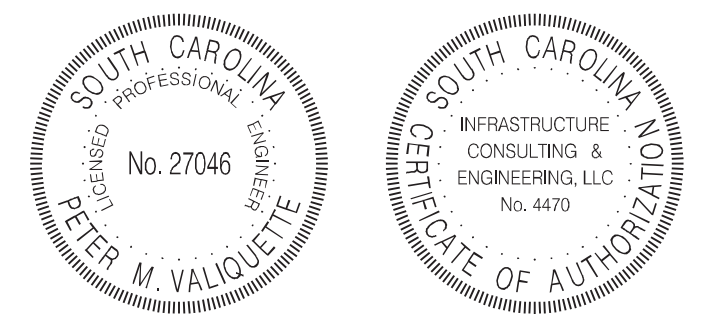
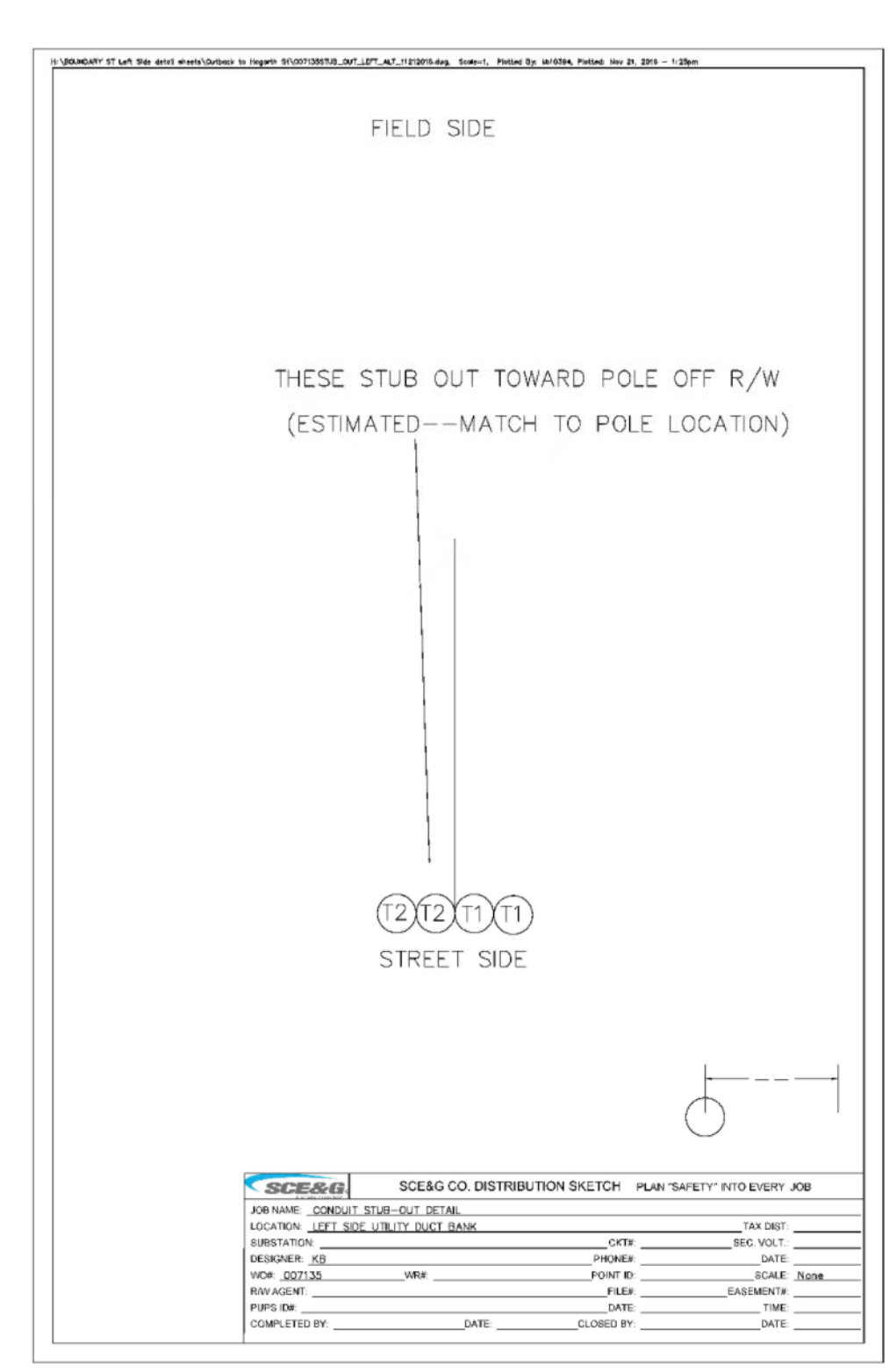
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SC-4



SC-5



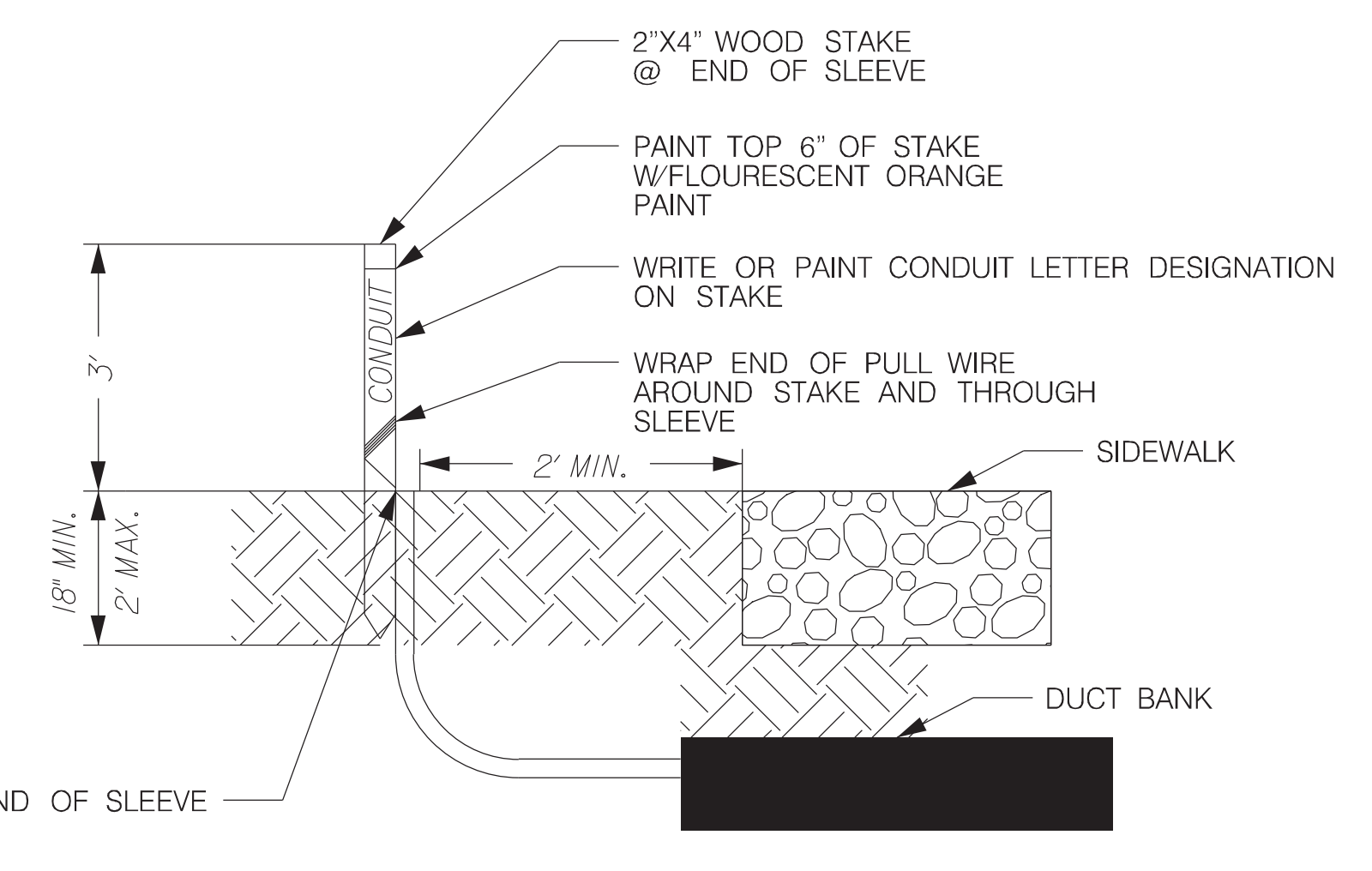
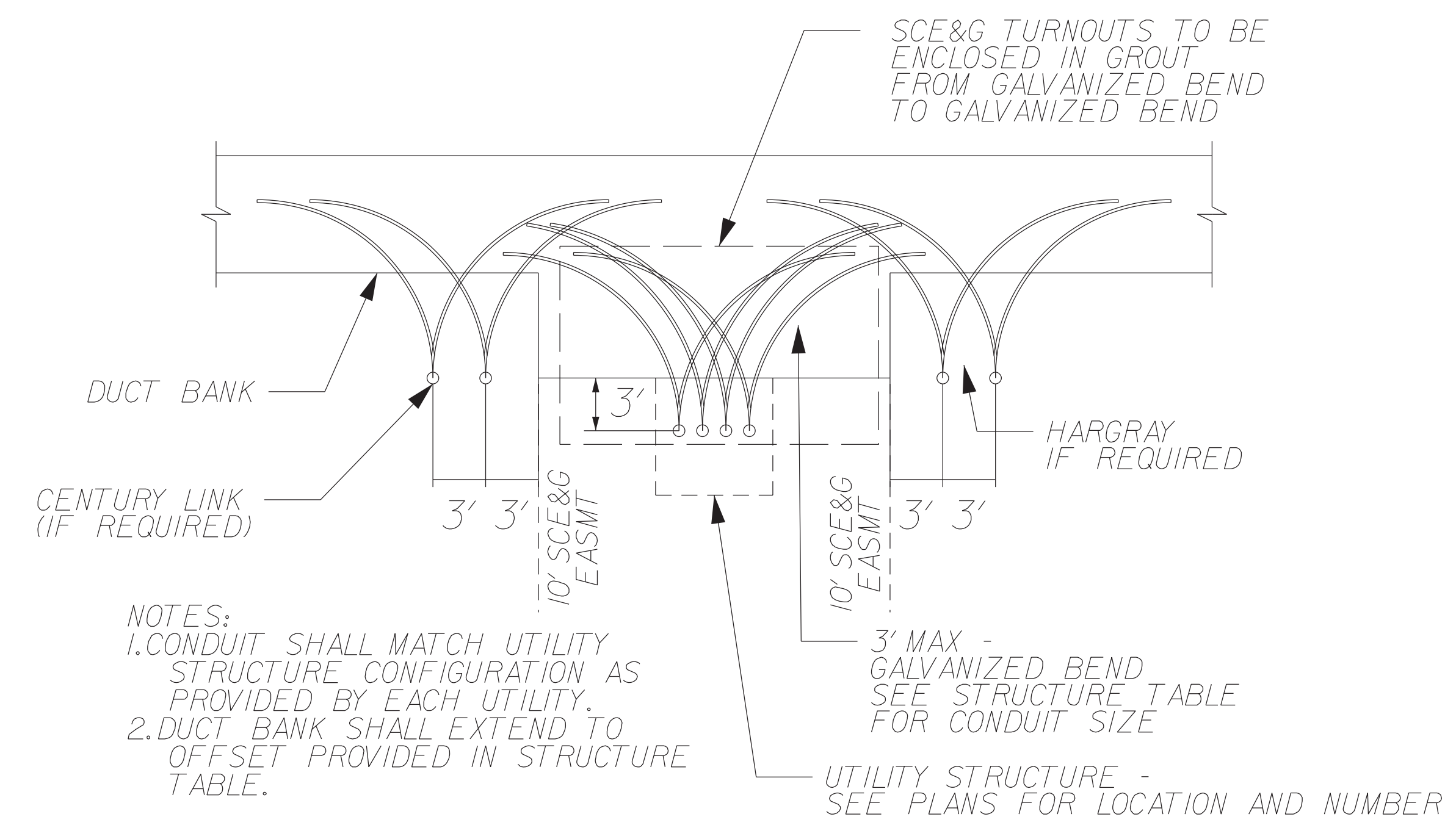
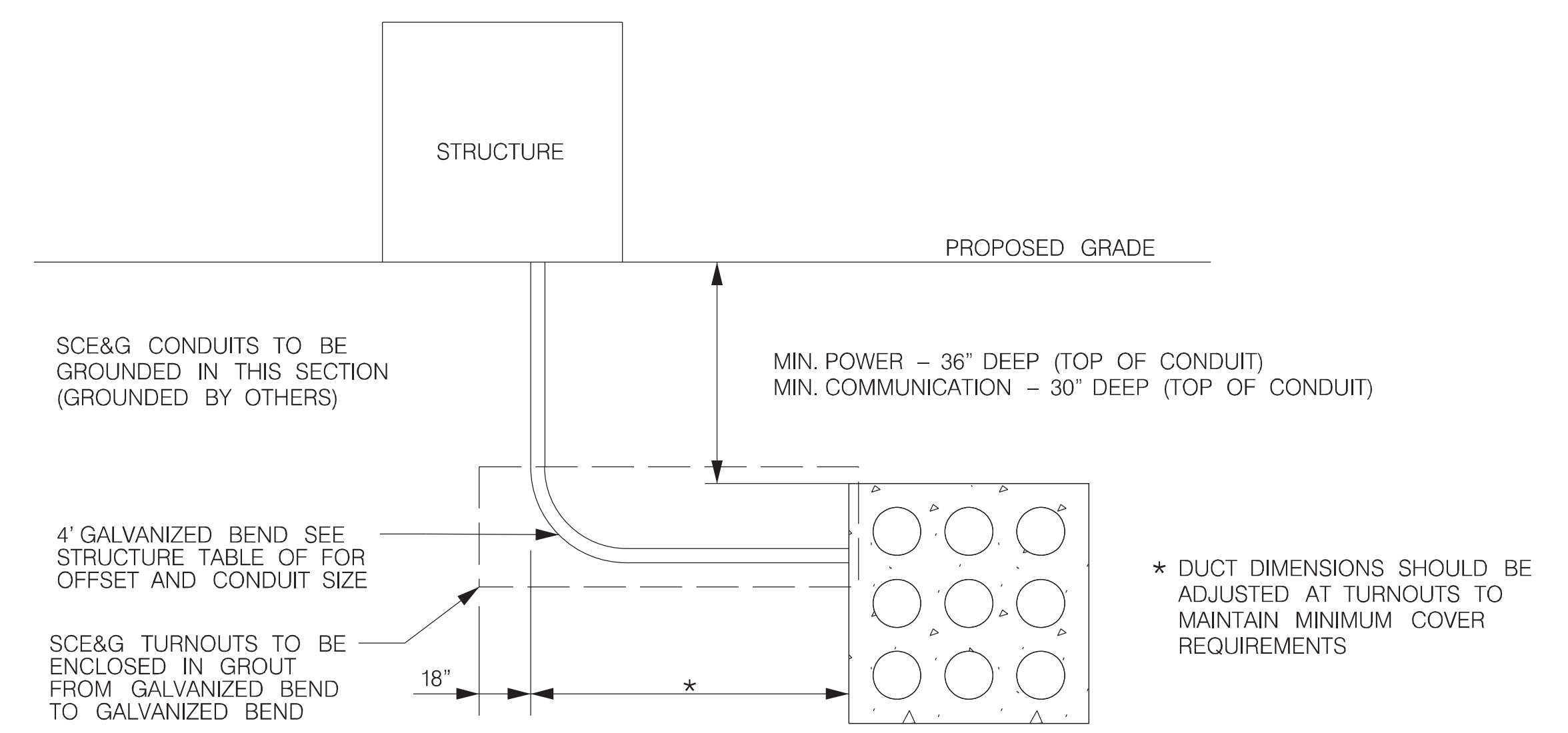
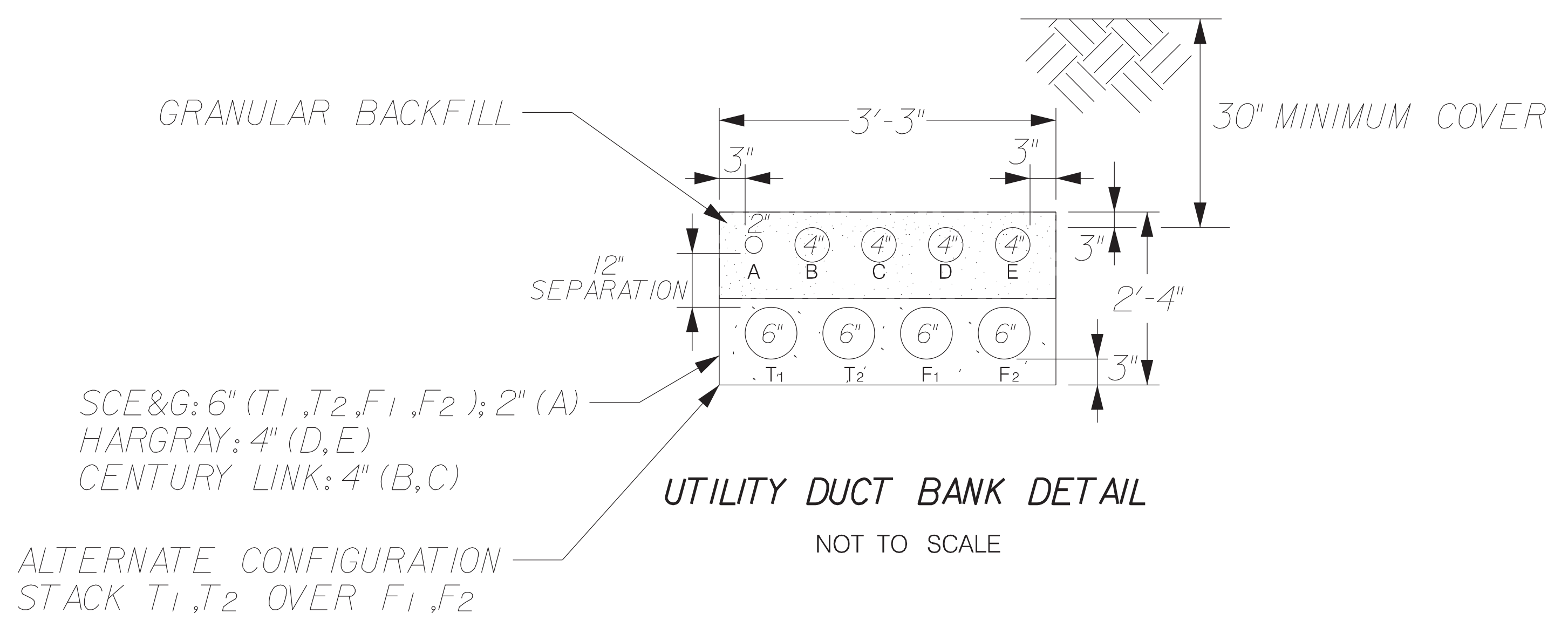
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CHECKED BY:	PMV	DATE X	

BEAUFORT COUNTY
CITY OF BEAUFORT

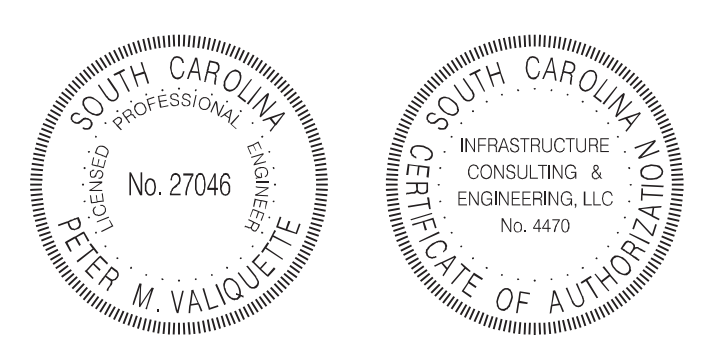
GREENLAWN DRIVE (S-296)
DUCT BANK
DETAILS

SHEET DB1 SCALE: NTS

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	DB2



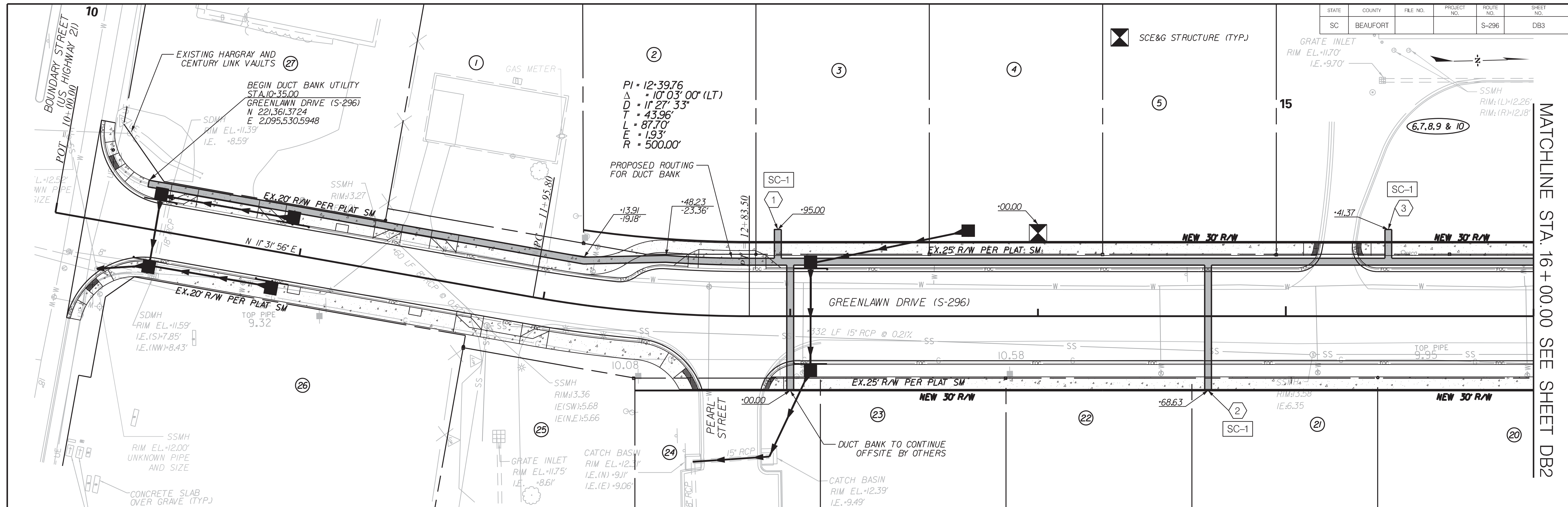
UTILITY DUCT BANK NOTES:
 1. CABINET LOCATIONS SHOWN ON RELOCATION PLANS ARE SCHEMATICS AS PROVIDED BY UTILITIES. THESE SHALL BE VERIFIED BY OWNERS PRIOR TO CONSTRUCTION OF DUCT BANK.
 2. DUCT BANK PROFILE ALIGNMENT AND EXISTING PIPES TO BE RETAINED SHALL BE FIELD VERIFIED TO ELIMINATE CONFLICTS.
 3. CONTRACTOR SHALL SUBMIT TRANSITION PLAN FOR CHANGES IN CONDUIT CONFIGURATIONS AND INTERSECTIONS WITH SIDE ROAD DUCT BANKS TO THE ENGINEER FOR APPROVAL 14 DAYS PRIOR TO INSTALLATION.
 4. EXTEND CONDUIT BEYOND PAVEMENT, CURB AND SIDEWALKS.
 5. ALL SCE&G TURNOUTS SHOULD BE ENCASED IN GROUT FROM 1' BEYOND TURNOUT TO 18" (MAX) BEYOND BASE OF TURNOUTS.



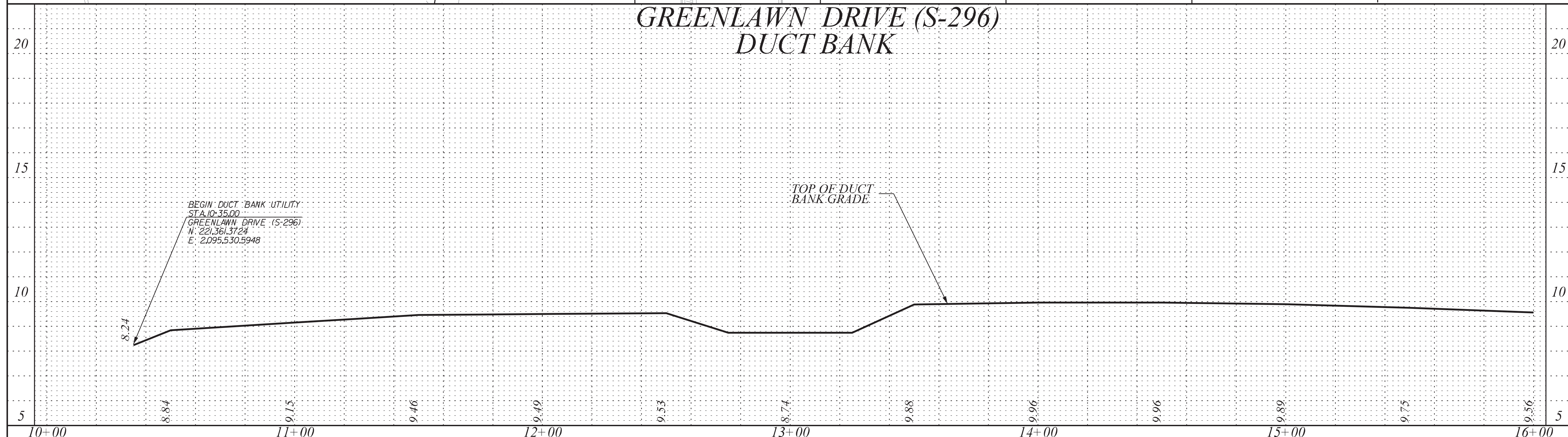
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BEAUFORT COUNTY CITY OF BEAUFORT	
GREENLAWN DRIVE (S-296) DUCT BANK DETAILS	
SHEET DB2	SCALE: NTS

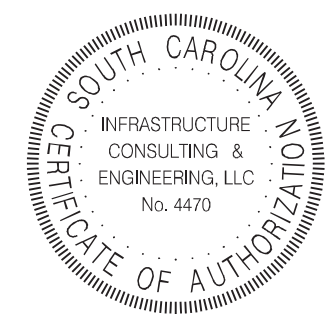
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	DB3



GREENLAWN DRIVE (S-296) DUCT BANK



JE INFRASTRUCTURE
CONSULTING & ENGINEERING



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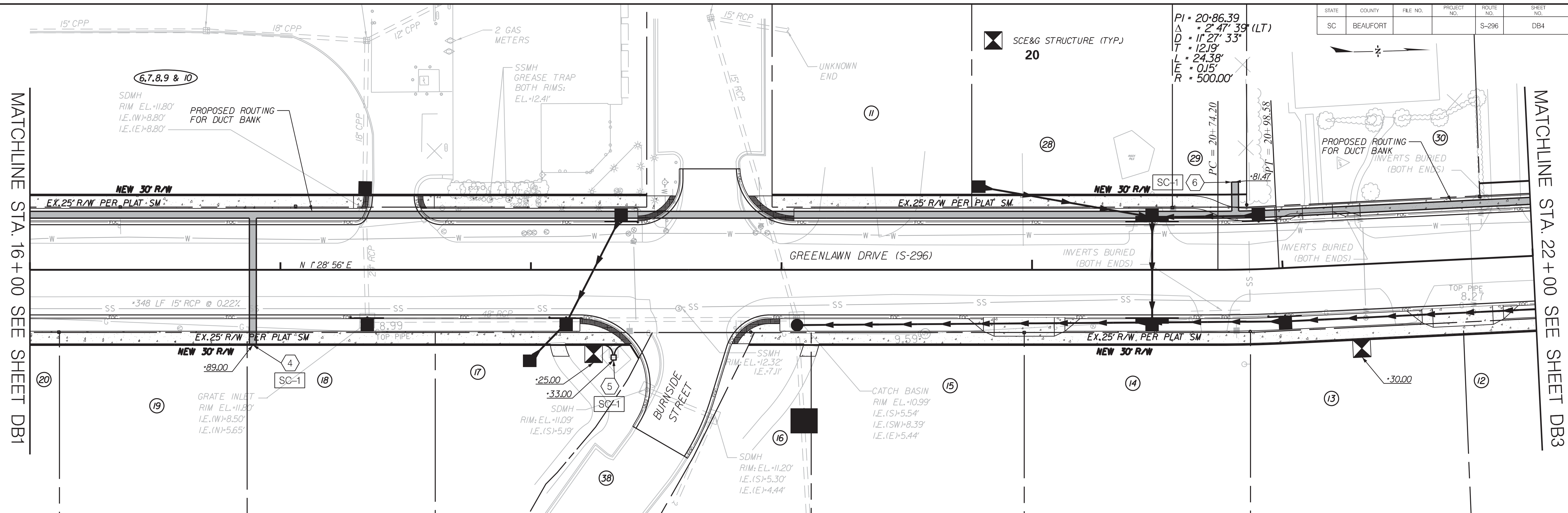
BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DUCT BANK
PLAN AND PROFILE SHEET

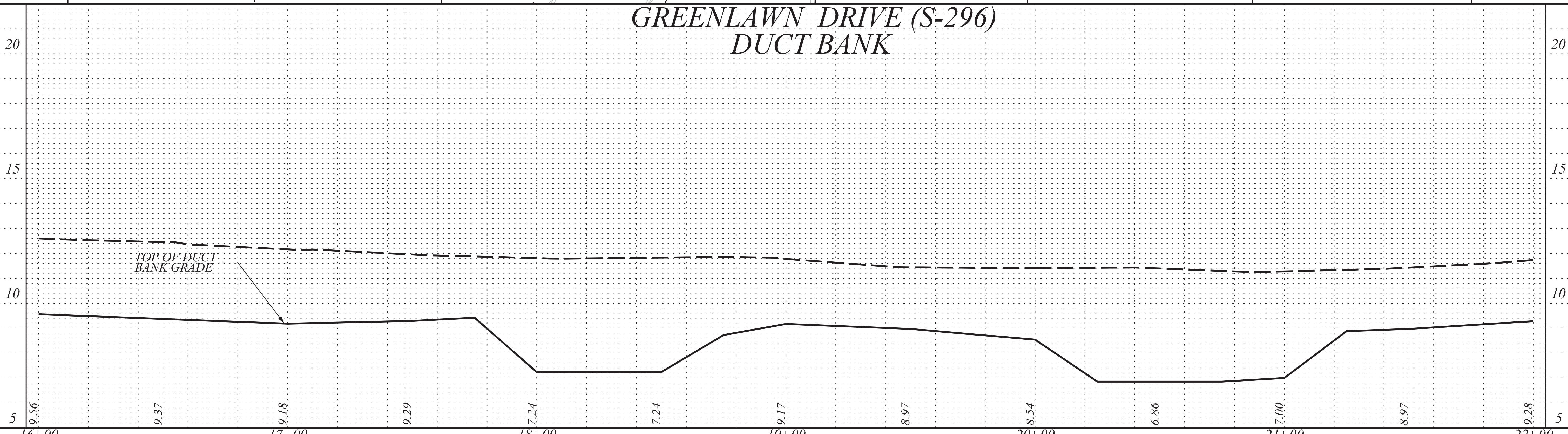
SHEET DB3 SCALE: 1" = 20'

MATCHLINE STA. 16+00.00 SEE SHEET DB2

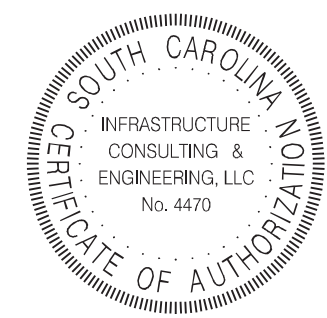
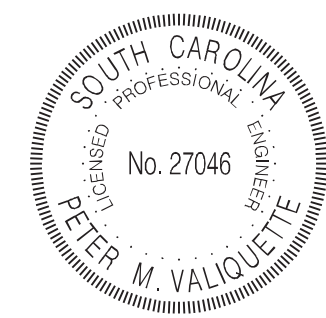
STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	DB4



GREENLAWN DRIVE (S-296) DUCT BANK



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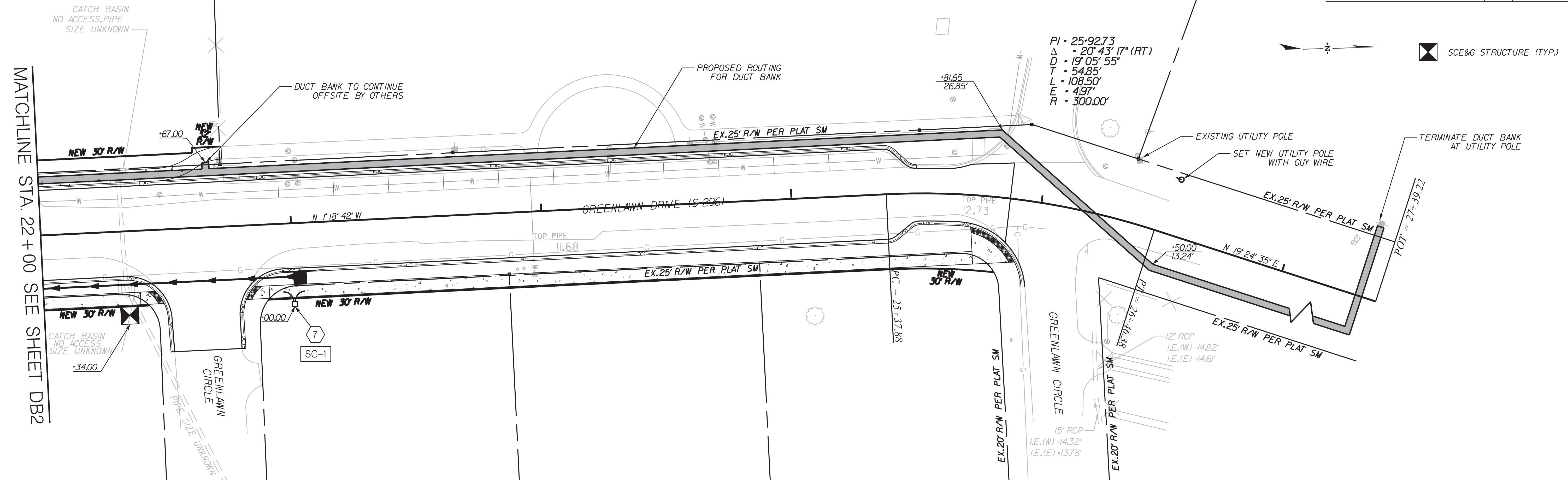
BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DUCT BANK
PLAN AND PROFILE SHEET

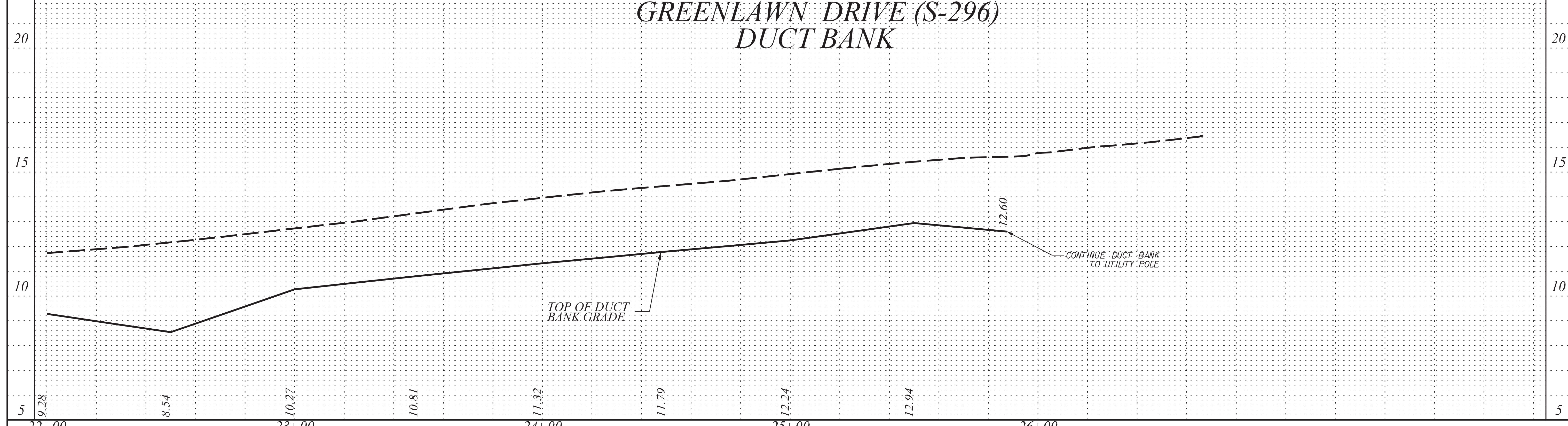
SHEET DB4 SCALE: 1" = 20'

STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	DB5

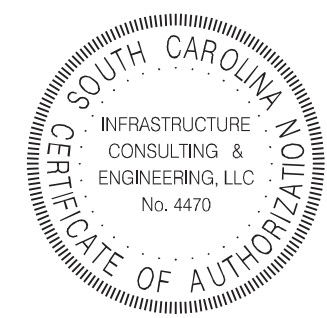
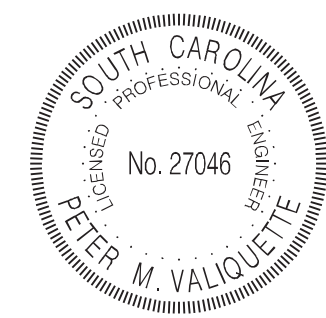
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GREENLAWN DRIVE (S-296) DUCT BANK



JE INFRASTRUCTURE
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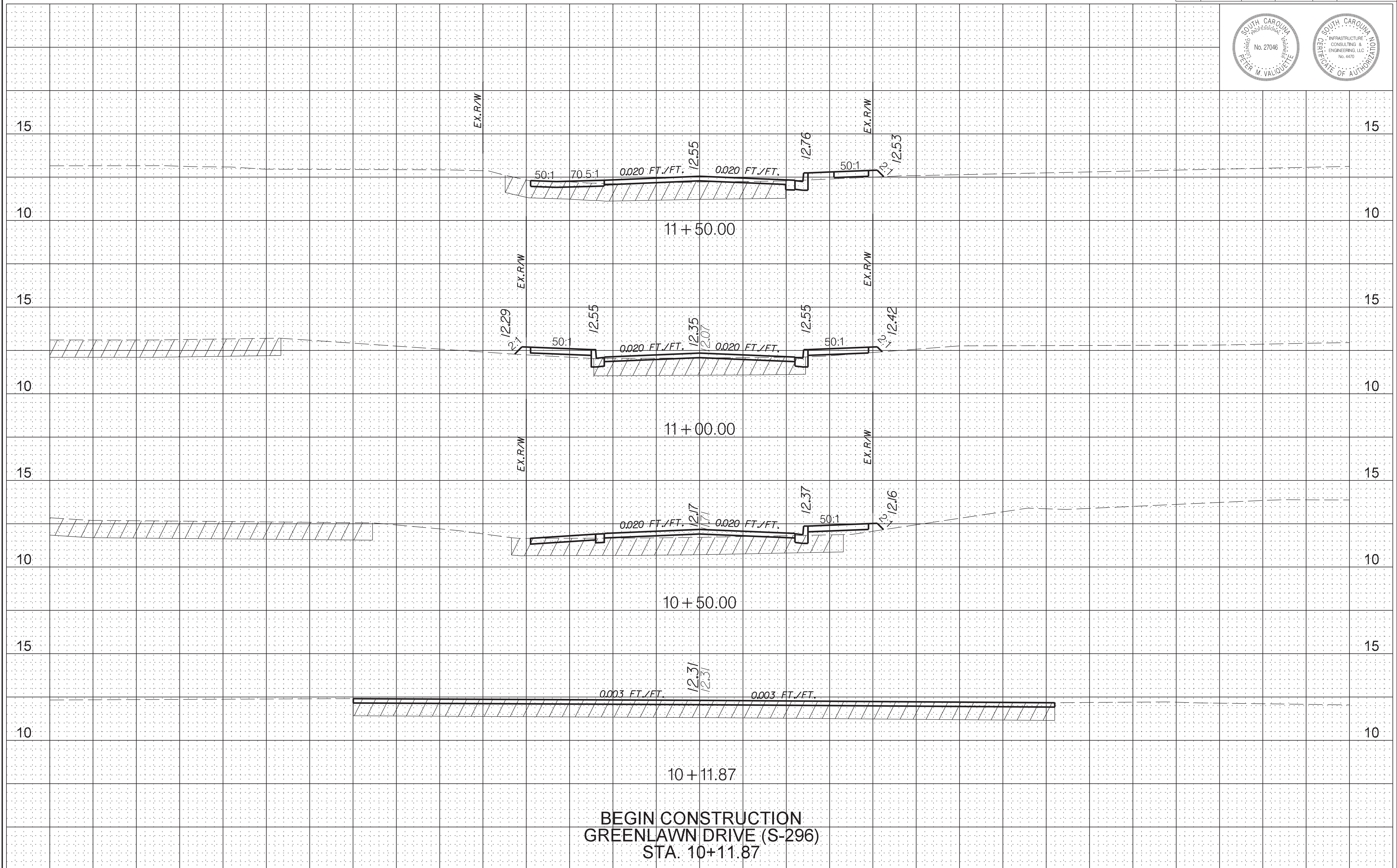
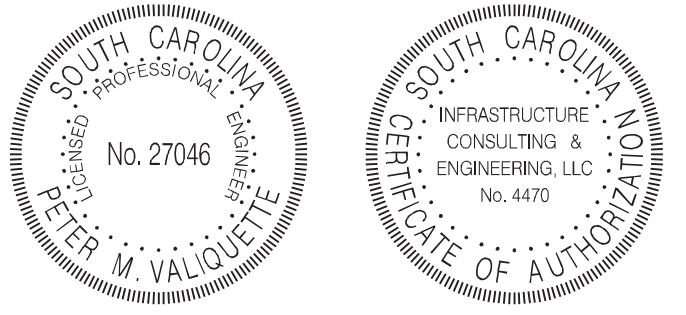


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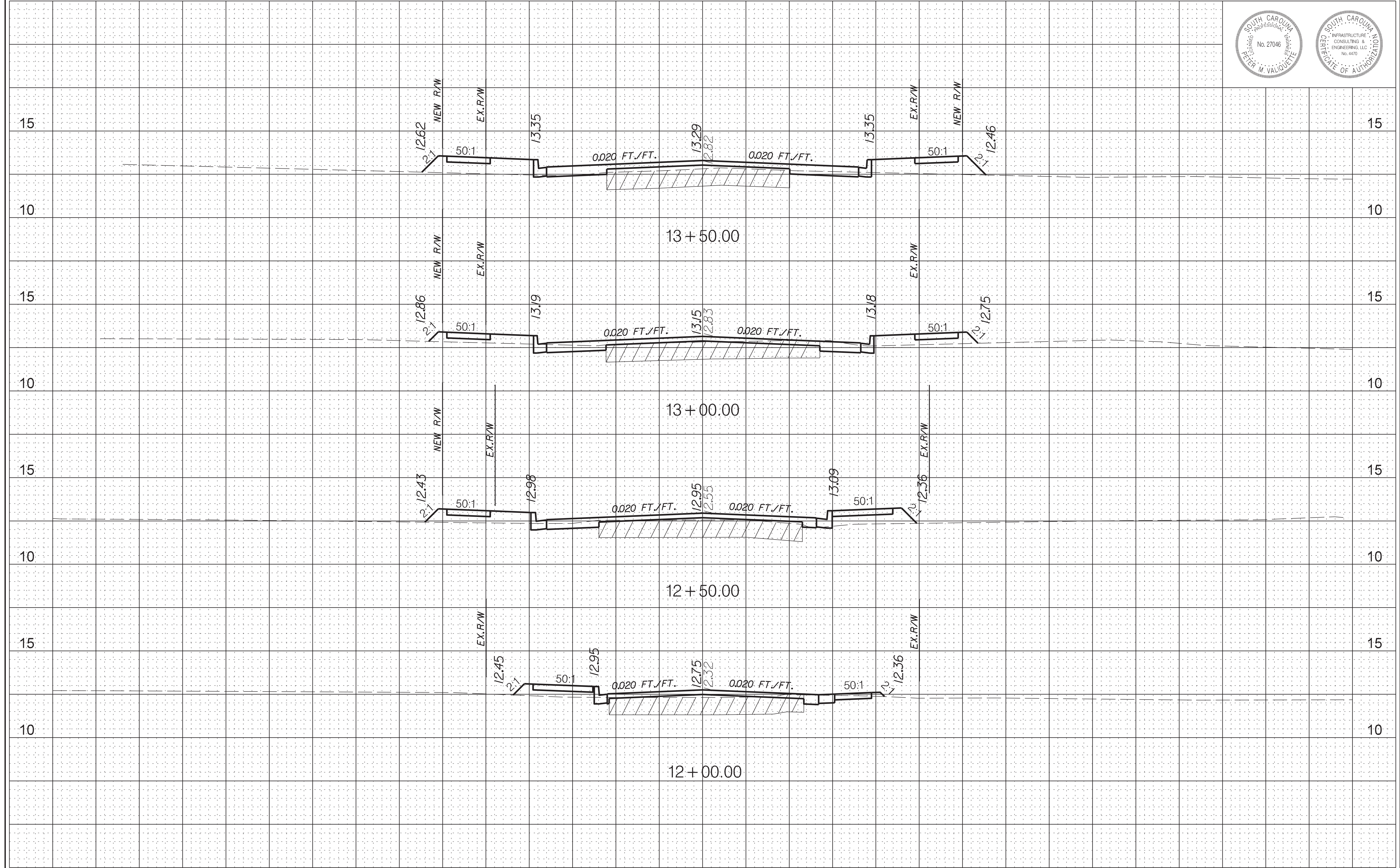
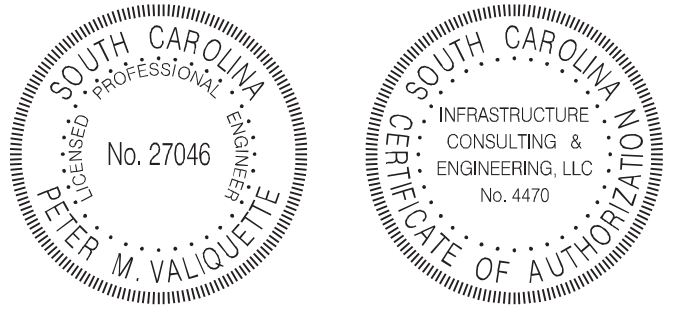
BEAUFORT COUNTY
CITY OF BEAUFORT

GREENLAWN DRIVE (S-296)
DUCT BANK
PLAN AND PROFILE SHEET

SHEET DB5 SCALE: 1" = 20'



**BEGIN CONSTRUCTION
GREENLAWN DRIVE (S-296)
STA. 10+11.87**



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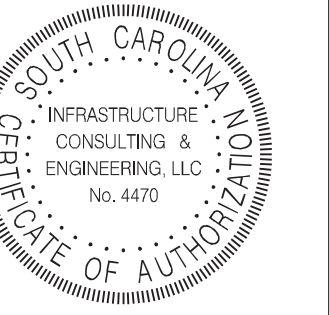
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STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	X3



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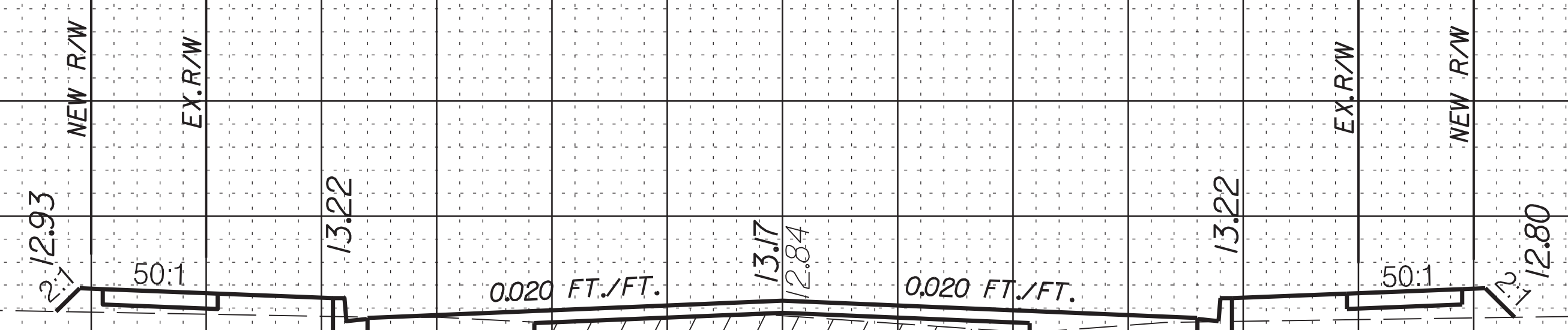
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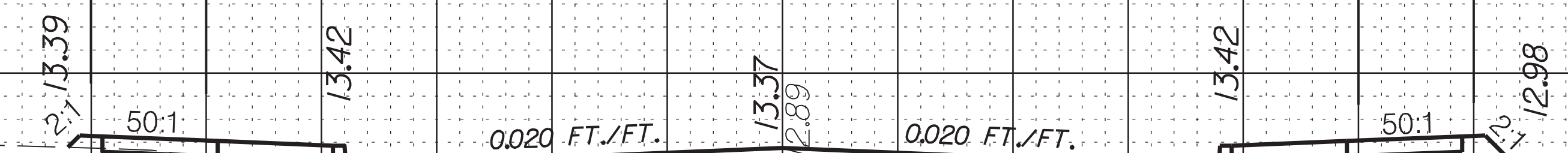
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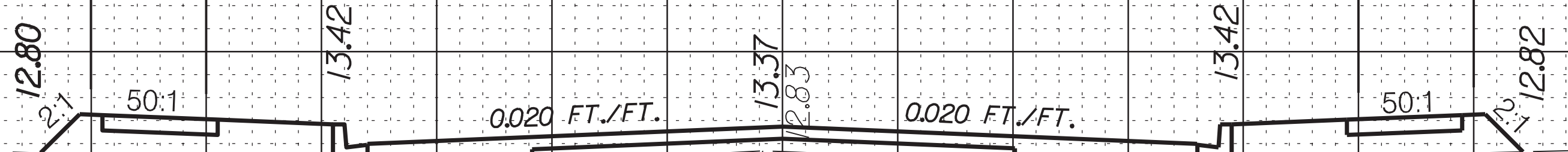
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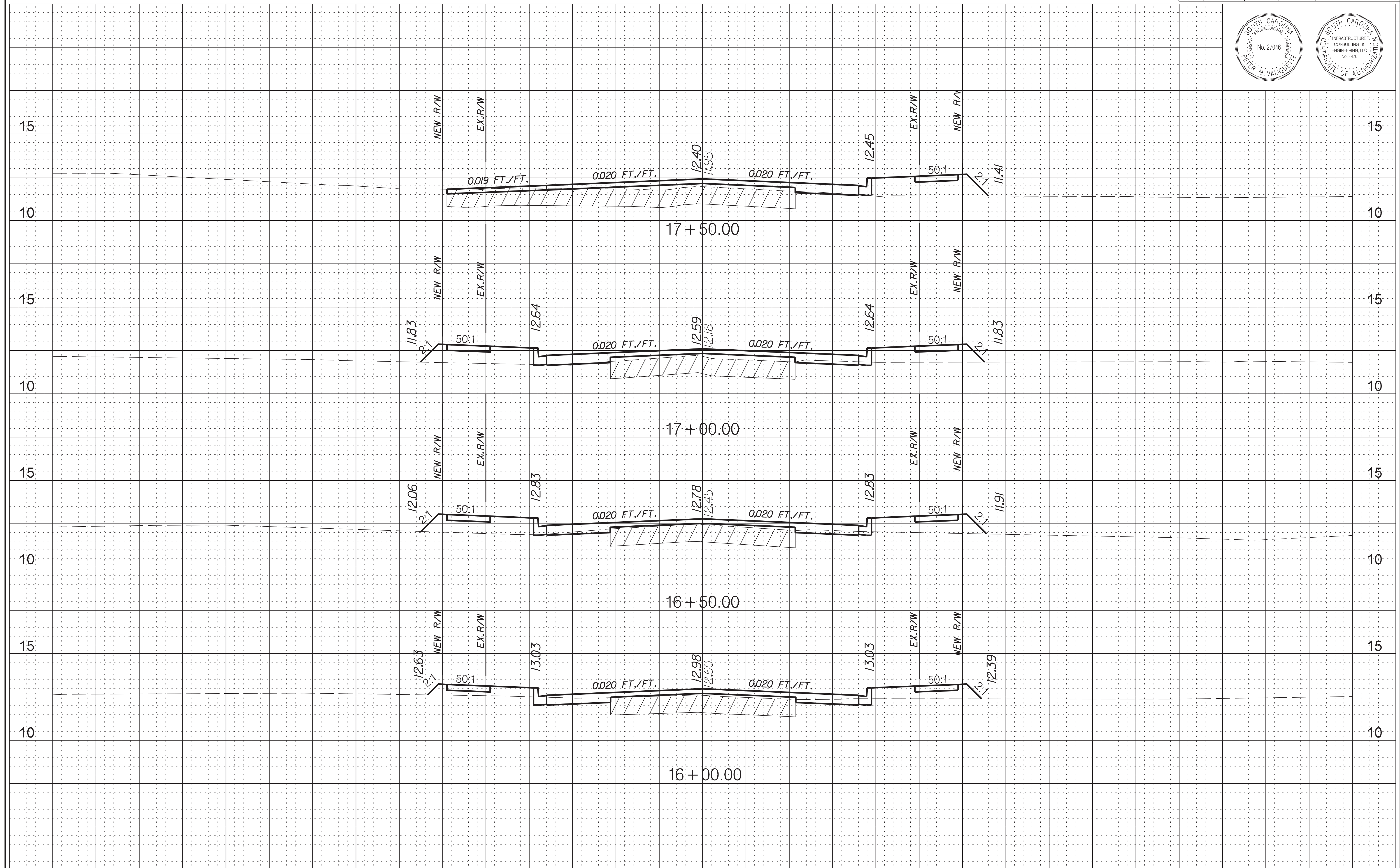
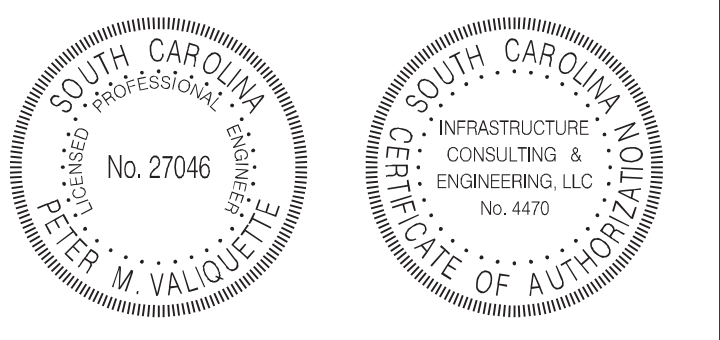
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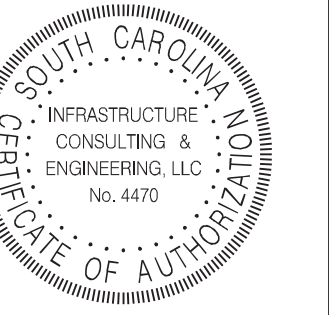
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STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	X5



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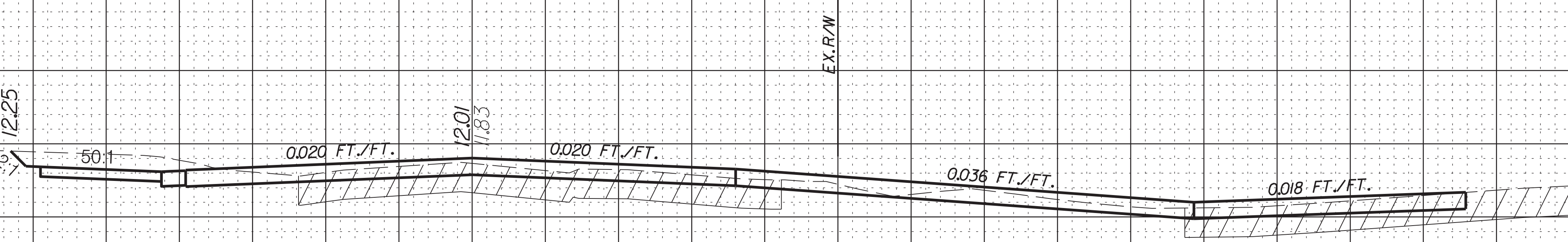
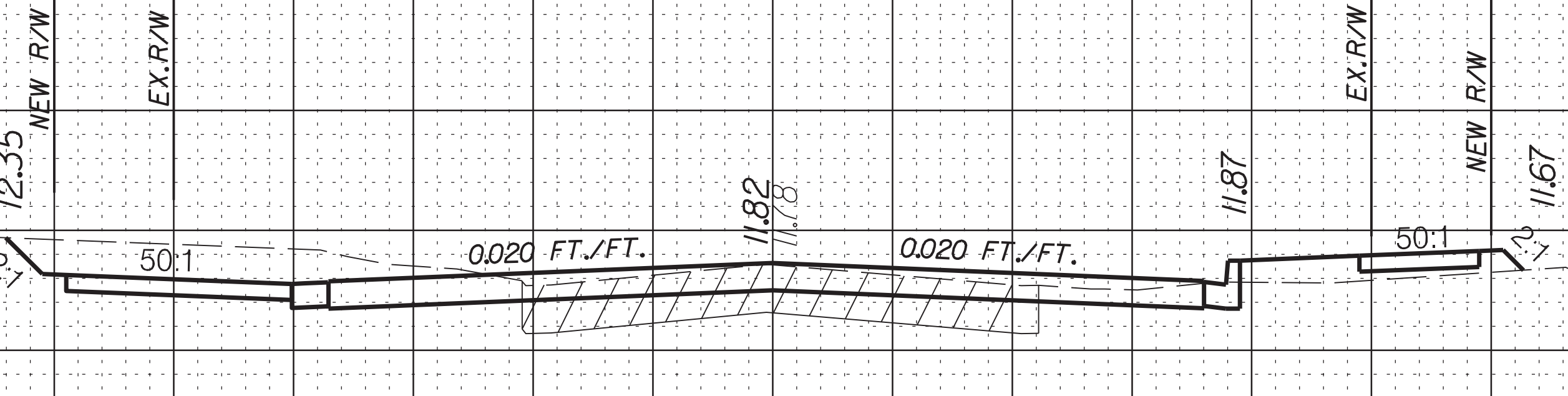
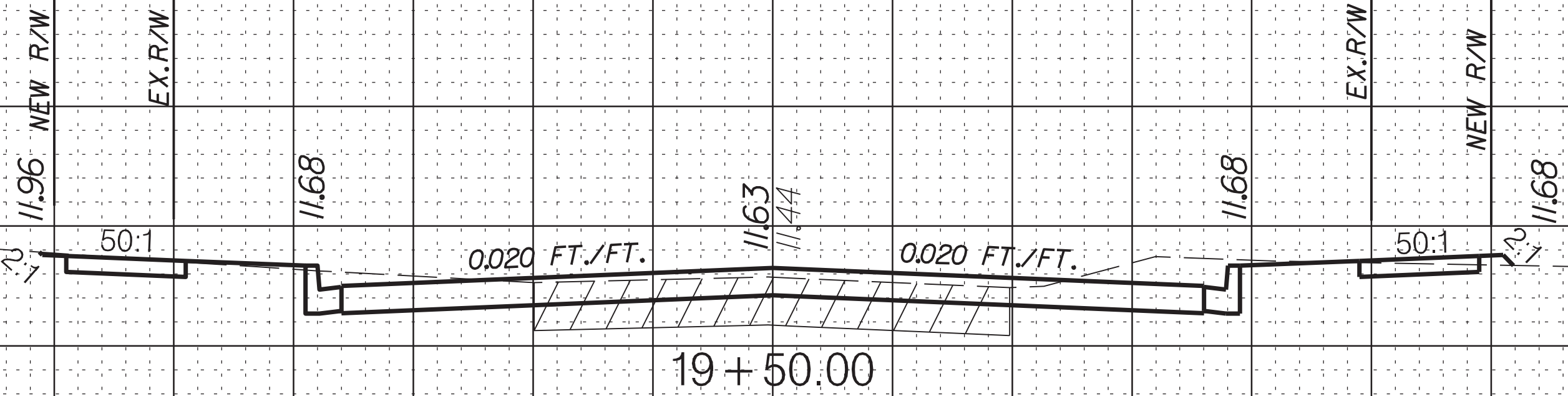
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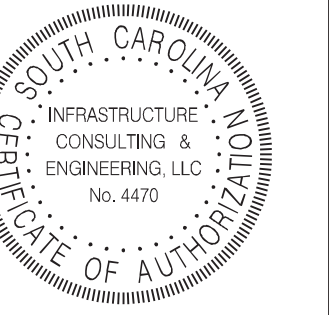
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STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	X6



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EX. R/W NEW R/W

12.21 11.68 11.63 11.43 11.68 50:1 10.28

21 + 50.00

EX. R/W NEW R/W

12.30 11.49 11.44 11.28 11.49 50:1 11.90

21 + 00.00

EX. R/W NEW R/W

12.56 11.43 11.38 11.39 11.43 50:1 11.72

20 + 50.00

EX. R/W NEW R/W

12.02 11.50 11.45 11.41 24.5:1 50:1

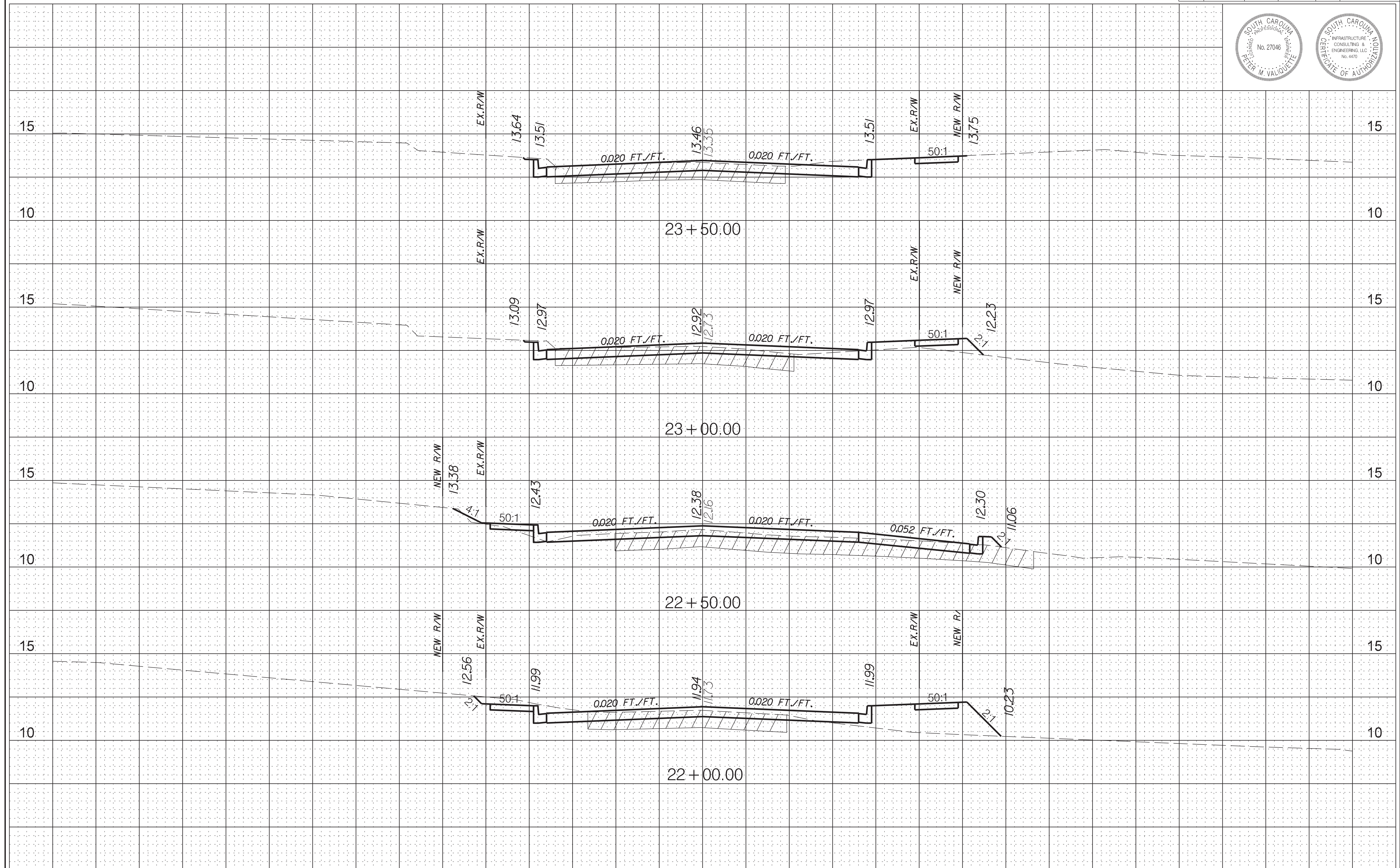
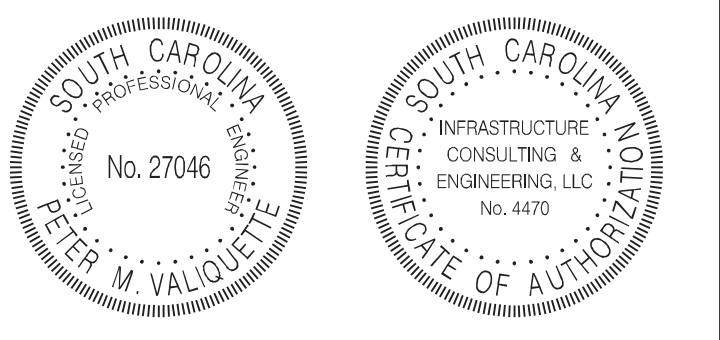
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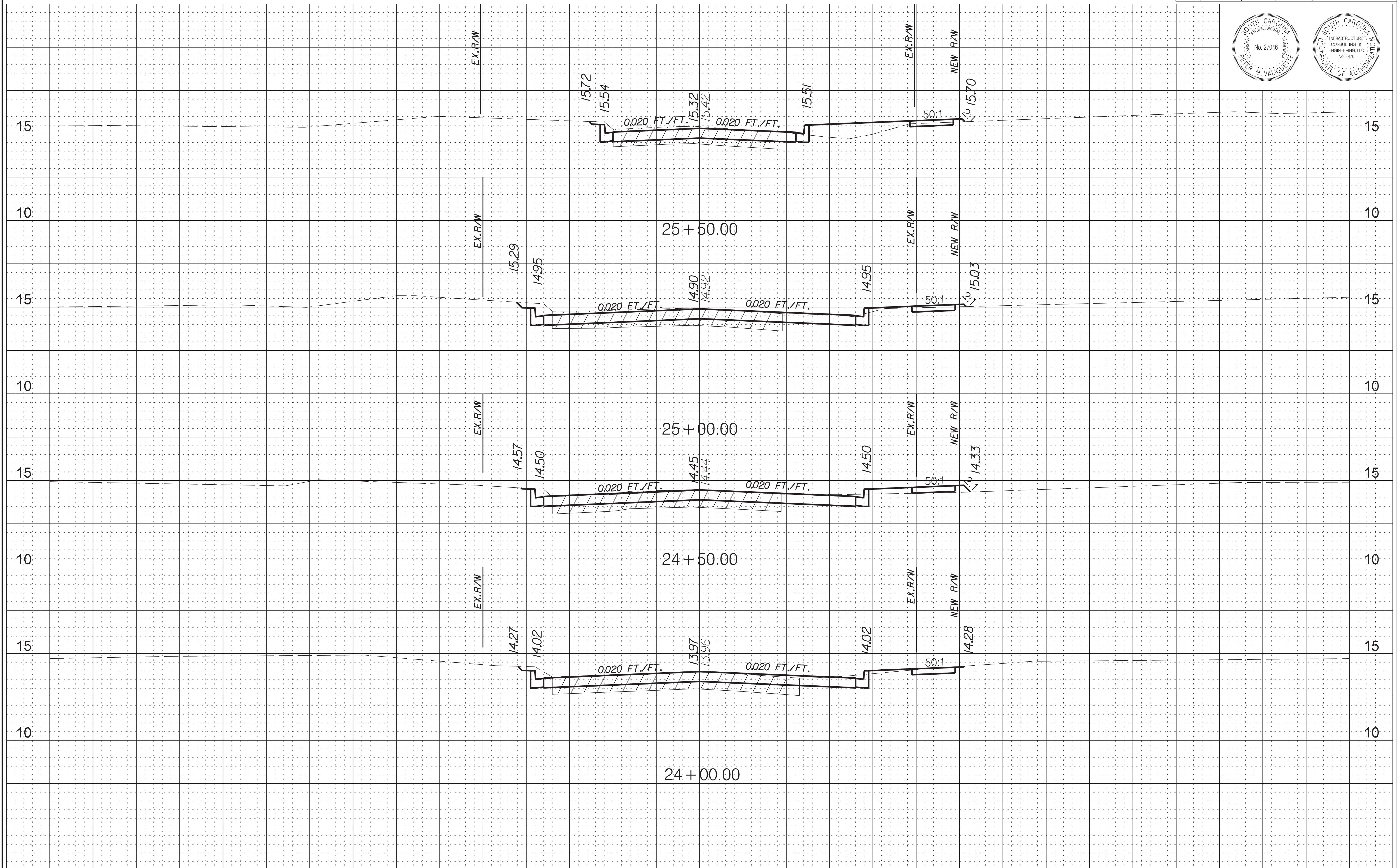
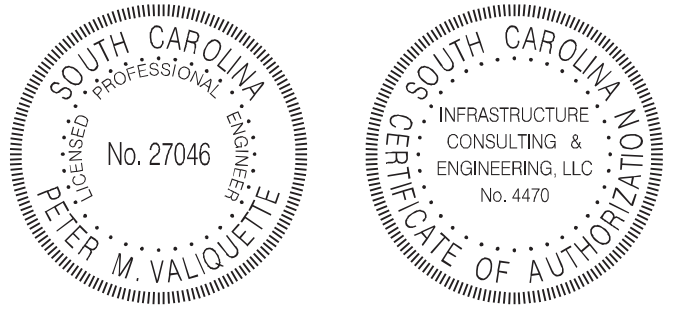
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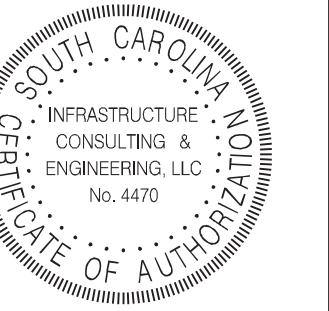
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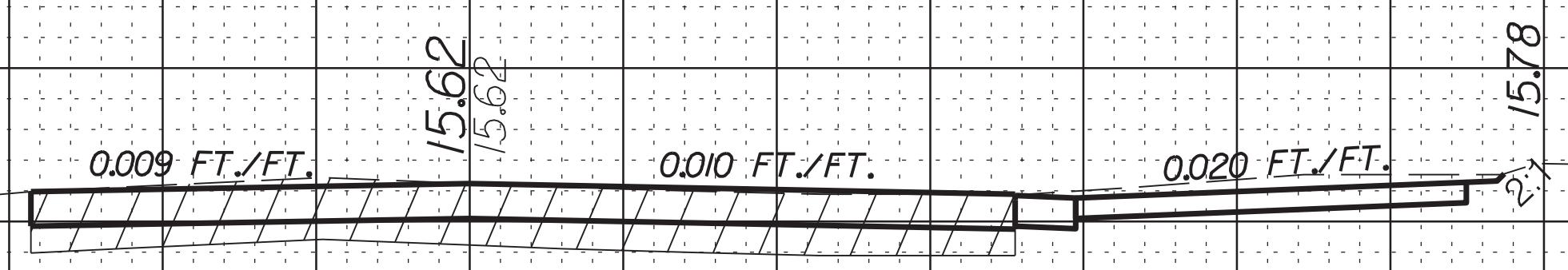
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STATE	COUNTY	FILE NO.	PROJECT NO.	ROUTE NO.	SHEET NO.
SC	BEAUFORT			S-296	X9



END CONSTRUCTION
GREENLAWN DRIVE (S-296)
STA. 25+87.50



25+87.50

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