

TOWN OF JAMES ISLAND

PROPOSED PLANS FOR CHARLESTON COUNTY

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X1-X4	CROSS SECTIONS	4
TOTAL		23

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:
2001
AASHTO "A Policy on Geometric Design of Highways and Streets"

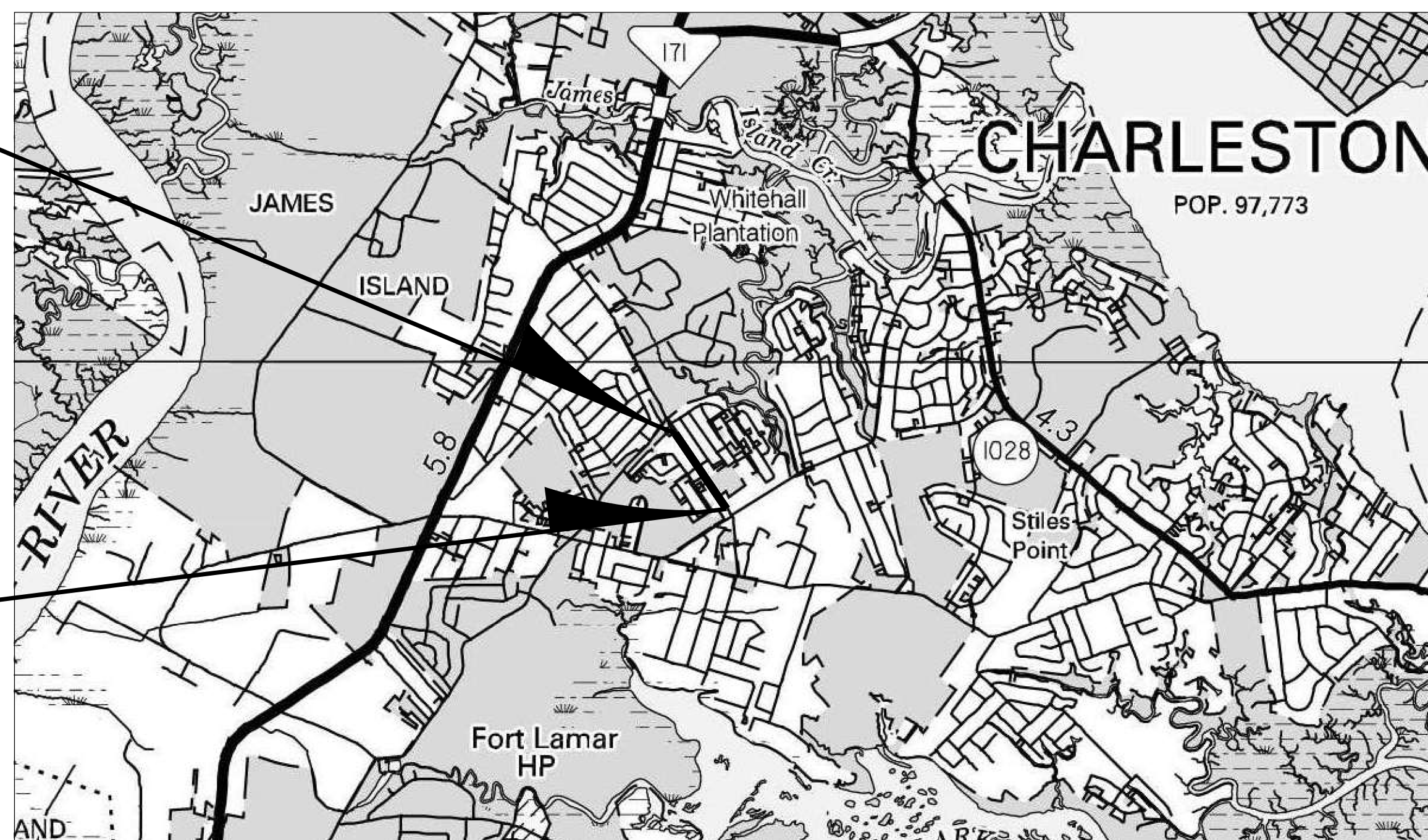
NPDES PERMIT INFORMATION	
Disturbed Area =	0.19 Acre(s)
Permitted Area =	0.37 Acre(s)
Approximate Location of Roadway is	
Begin	
Latitude	32°43'47"
Longitude	79°57'20"
End	
Latitude	32°43'40"
Longitude	79°56'57"
Hydraulic and NPDES Design provided by: Stantec Consulting	
Designs may be obtained from the SCDOT Regional Production Group	

RIGHT OF WAY PLANS
NOT FOR CONSTRUCTION

S-10-28 (CAMP ROAD)
SIDEWALK IMPROVEMENTS

S-10-28 (CAMP ROAD)
BEGIN CONSTRUCTION STA. 43+85.50

S-10-28 (CAMP ROAD)
END CONSTRUCTION STA. 63+65.94



LAYOUT

SCALE 1 INCH = N.T.S. FEET

	S-10-28 (CAMP ROAD)	TOTAL
NET LENGTH OF ROADWAY	0.375	0.375 MILES
NET LENGTH OF BRIDGES	-	- MILES
NET LENGTH OF PROJECT	0.375	0.375 MILES
LENGTH OF EXCEPTIONS	-	- MILES
GROSS LENGTH OF PROJECT	0.375	0.375 MILES

EQUALITIES IN STATIONING

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

CONSULTING ENGINEERING FIRM



Stantec Consulting Services
4969 Centre Pointe Drive, Suite 200
North Charleston, SC 29418
Tel: 843.740.7700
Fax: 843.740.7707
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ENGINEER OF RECORD



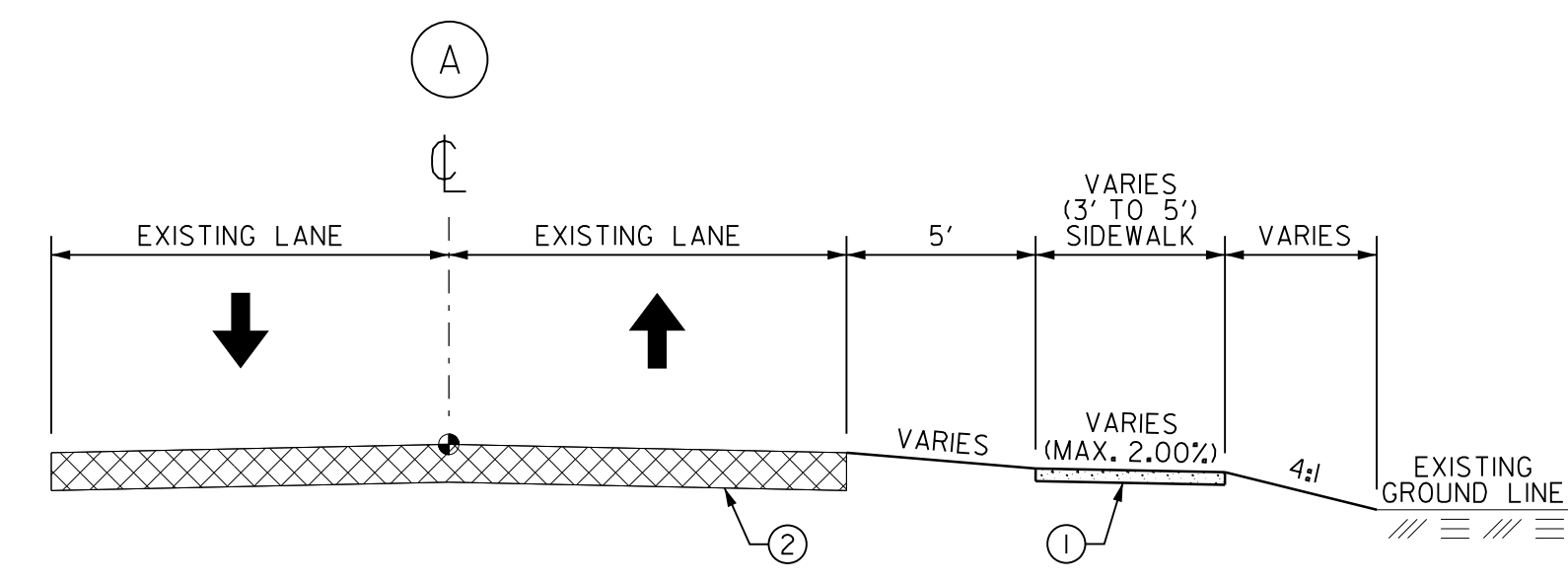
FOR CONSTRUCTION : _____ DATE _____

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

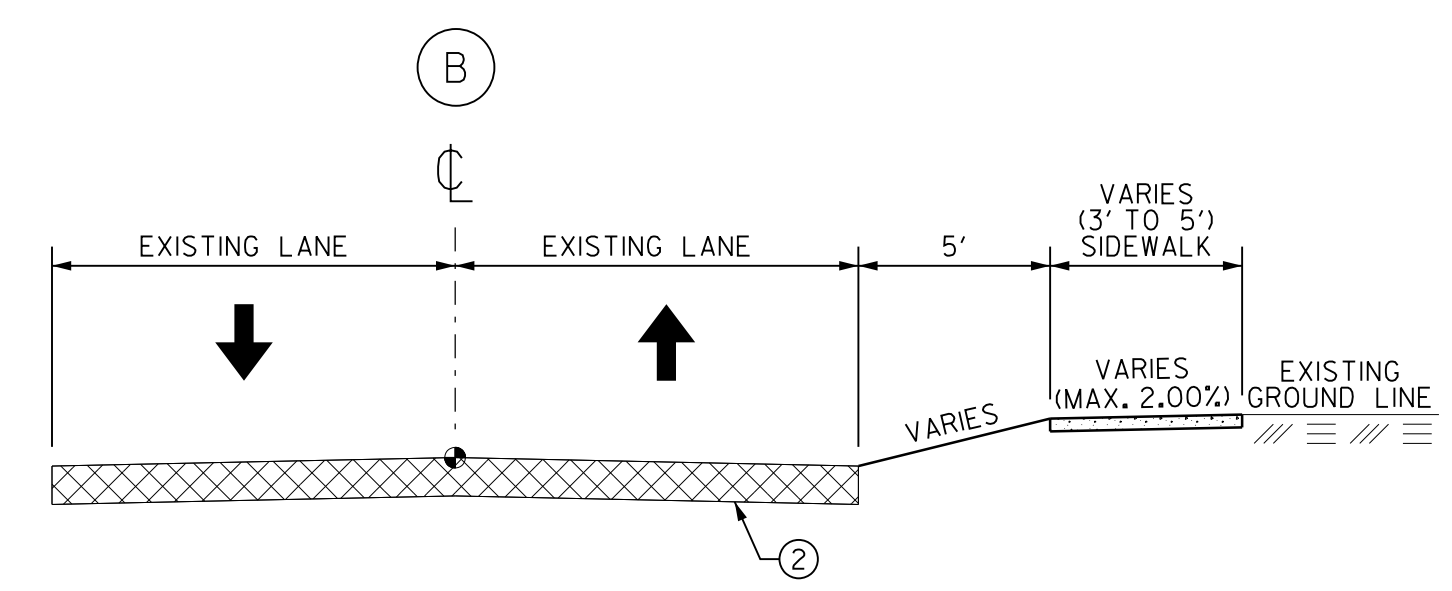
RAILROAD INVOLVEMENT?
YES / NO

TRAFFIC DATA S-10-28		
2015	ADT	10,300
2035	ADT	12,600
TRUCKS	N/A	%

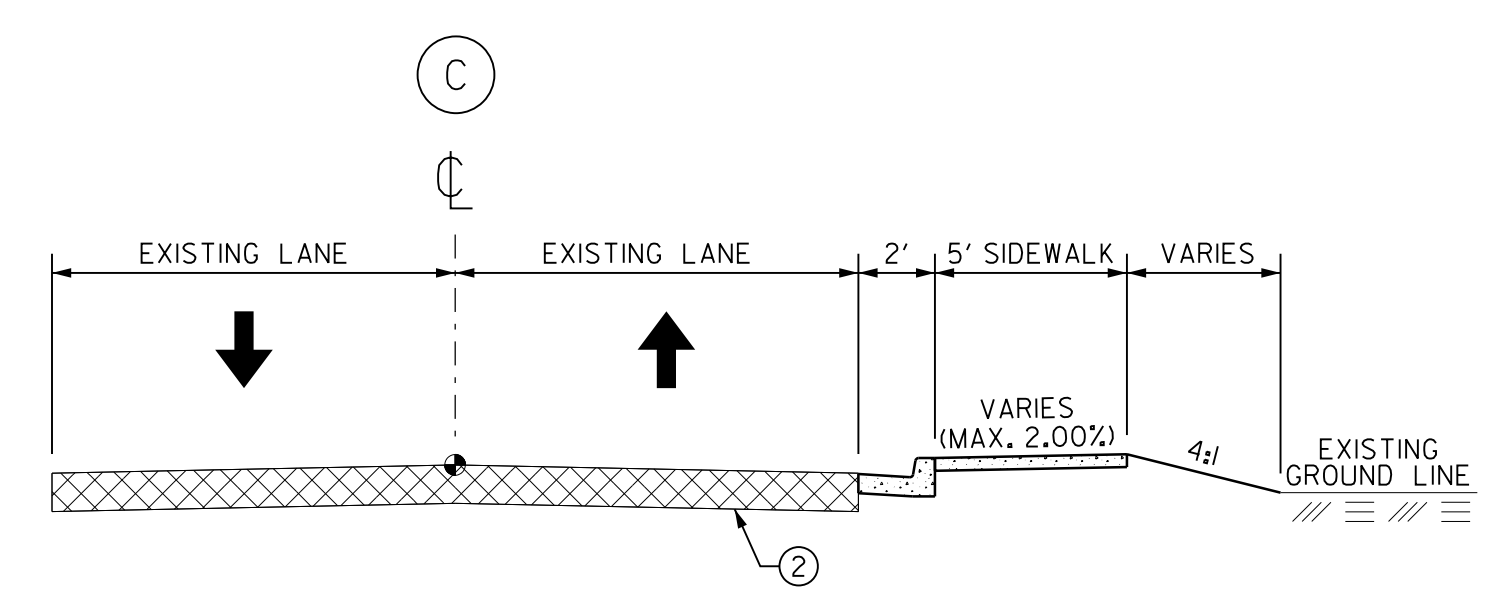
TYPICAL SECTION OF IMPROVEMENT



USE THIS SECTION:
S-10-28 (CAMP ROAD)
STA. 43+85.50 TO 62+85.00



USE THIS SECTION:
S-10-28 (CAMP ROAD)
STA. 44+18.65 TO 62+85.00



USE THIS SECTION:
S-10-28 (CAMP ROAD)
STA. 62+85.00 TO 63+65.94

NOTES:
1. USE OF TYPICAL SECTIONS ATERNATE ALONG PROJECT LIMITS.
REFER TO CROSS SECTIONS.

LEGEND		DESIGN SPEED	
①	4" CONCRETE SIDEWALK	ROUTE	MPH
②	EXISTING PAVEMENT (RETAIN)	S-10-28	30
		EXCEPTIONS TO DESIGN SPEED	

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TOPO.		DATE	
DWG.		DATE	GROUP
R/W		DATE	



CHARLESTON COUNTY
CAMP ROAD SIDEWALK

TYPICAL SECTIONS

SCALE: N.T.S. RTE. S-10-28

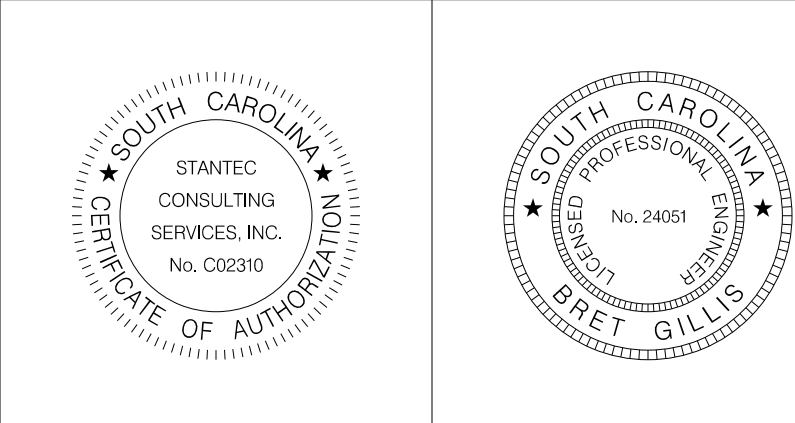
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12/3/2014

**SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION
RIGHT-OF-WAY DATA SHEET**

TRACT NO.	PROPERTY OWNER	TAX MAP REFERENCE	TOTAL TRACT ACRES	OBTAIN ^A			REMAINDER LEFT ^B ACRES	REMAINDER RIGHT ^B 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	FRED DARRELL & ANNETTE E. WEBB	425-16-00-001	0.38 ^C													
2	JAMES C. FLOWERS	425-16-00-002	0.29 ^C													
3	RONALD E. SR. & CHARLOTTE I. HANNA	425-16-00-003	0.29 ^C													
4	ANDREW J. & RACHEL O. BURNS	425-16-00-004	0.28 ^C													
5	ELITZA MILTCHEVA & EFROSINA I. PERRY	425-16-00-005	0.28 ^C													
6	CHARLESTON COUNTY HOUSING AND REDEVELOPMENT AUTHORITY	425-16-00-006	0.28 ^C											YES	PERMISSION FOR DRIVEWAY RECONSTRUCTION	
7	JOHN H. & DELORES BURNS	425-16-00-007	0.28 ^C													
8	SYLVIA REGAN	425-16-00-008	0.28 ^C													
9	GARY D. & TRACIE B. HUFFMAN	425-16-00-020	0.53 ^C													
10	WECCO, INC.	425-16-00-010	0.28 ^C													
11	LAWRENCE JR. & VELMA W. FULTON	425-16-00-011	0.28 ^C													
12	DALE A. & ROSEMARY B. SCHUMANN	425-16-00-012	0.29 ^C													
13	POLLY J. SHILLING	425-16-00-013	0.29 ^C											YES	PERMISSION FOR DRIVEWAY RECONSTRUCTION	
14	MARCIA T. PORTER	425-16-00-014	0.36 ^C													
15	BRUCE R. EKLUND	425-16-00-114	0.34 ^C													
16	RYAN B. REEVES	425-16-00-115	0.29 ^C													
17	THOMAS J. EVANS JR.	425-16-00-116	0.29 ^C											YES	PERMISSION FOR DRIVEWAY RECONSTRUCTION	
18	DOUGLAS R. OSWALD	425-16-00-117	0.29 ^C													
19	DOUGLAS R. OSWALD	425-16-00-118	0.29 ^C													
20	CHARLESTON COUNTY MENTAL RETARDATION BOARD	425-16-00-119	0.57 ^C											YES	PERMISSION FOR DRIVEWAY RECONSTRUCTION	
21	CHARLESTON COUNTY MENTAL RETARDATION BOARD	425-16-00-121	0.24 ^C													
22	THE DISABILITIES BOARD OF CHARLESTON COUNTY	425-16-00-122	0.39 ^C											YES	PERMISSION FOR DRIVEWAY RECONSTRUCTION	
23	JOSEPH DINKINS	425-16-00-152	0.23 ^C													
24	JAMES R. JR & CAROLE J. FORSYTHE	425-16-00-124	0.57 ^C													
25	ISLAND SIX REALTY AND EQUIPMENT, LLC	425-16-00-126	0.62 ^C													

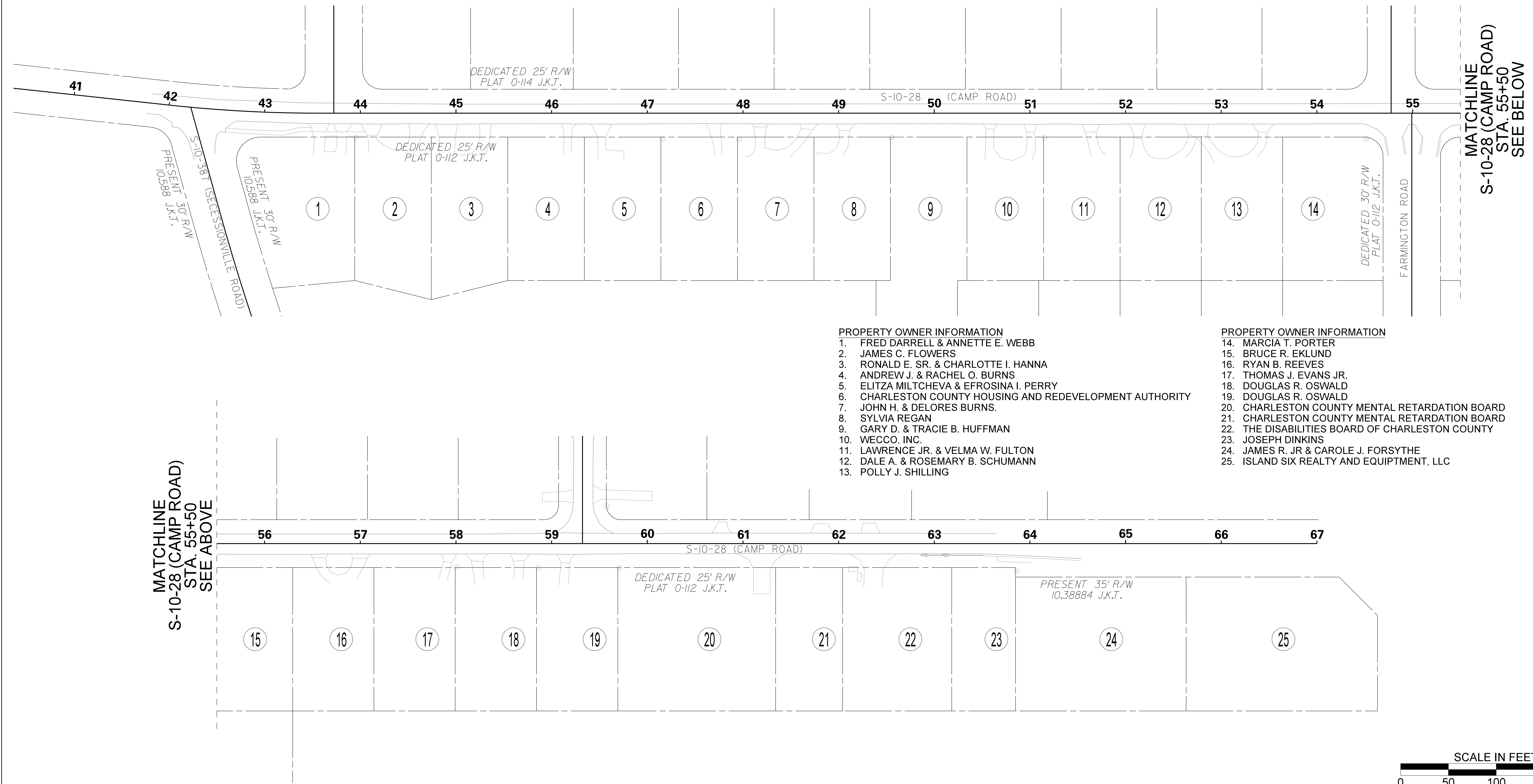
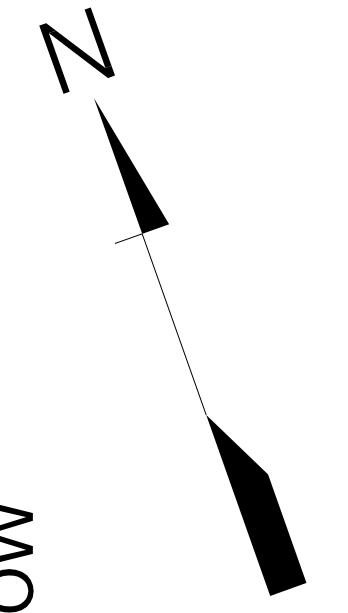
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NOTES:
^ATOTAL OBTAIN INCLUDES HIGHLAND, MARSH AND OUTFALL DITCHES. OBTAINS WILL BE SHOWN IN SQUARE FEET AND ACRES. ACRES WILL BE SHOWN IN PARENTHESES UNDER SQUARE FEET. IN RURAL AREAS OBTAINS MAY BE SHOWN IN ACRES ONLY. OUTFALL DITCHES WILL BE SHOWN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



REVISIONS					
DATE	TRACT NO.	REMARKS	DATE	TRACT NO.	REMARKS

TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 RIGHT-OF-WAY DATA SHEET
 SCALE: N/A RTE. S-10-28



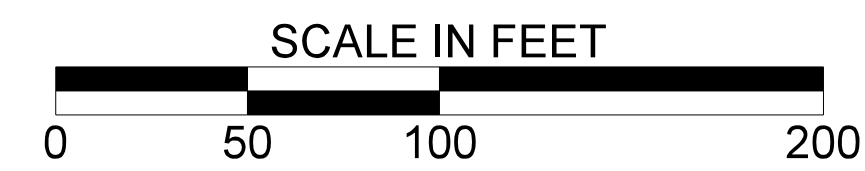
PROPERTY OWNER INFORMATION

1. FRED DARRELL & ANNETTE E. WEBB
2. JAMES C. FLOWERS
3. RONALD E. SR. & CHARLOTTE I. HANNA
4. ANDREW J. & RACHEL O. BURNS
5. ELITZA MILTCHEVA & EFROSINA I. PERRY
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PROPERTY OWNER INFORMATION

14. MARCIA T. PORTER
15. BRUCE R. EKLUND
16. RYAN B. REEVES
17. THOMAS J. EVANS JR.
18. DOUGLAS R. OSWALD
19. DOUGLAS R. OSWALD
20. CHARLESTON COUNTY MENTAL RETARDATION BOARD
21. CHARLESTON COUNTY MENTAL RETARDATION BOARD
22. THE DISABILITIES BOARD OF CHARLESTON COUNTY
23. JOSEPH DINKINS
24. JAMES R. JR & CAROLE J. FORSYTHE
25. ISLAND SIX REALTY AND EQUIPMENT, LLC

MATCHLINE S-10-28 (CAMP ROAD) STA. 55+50 SEE ABOVE



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12/3/2014

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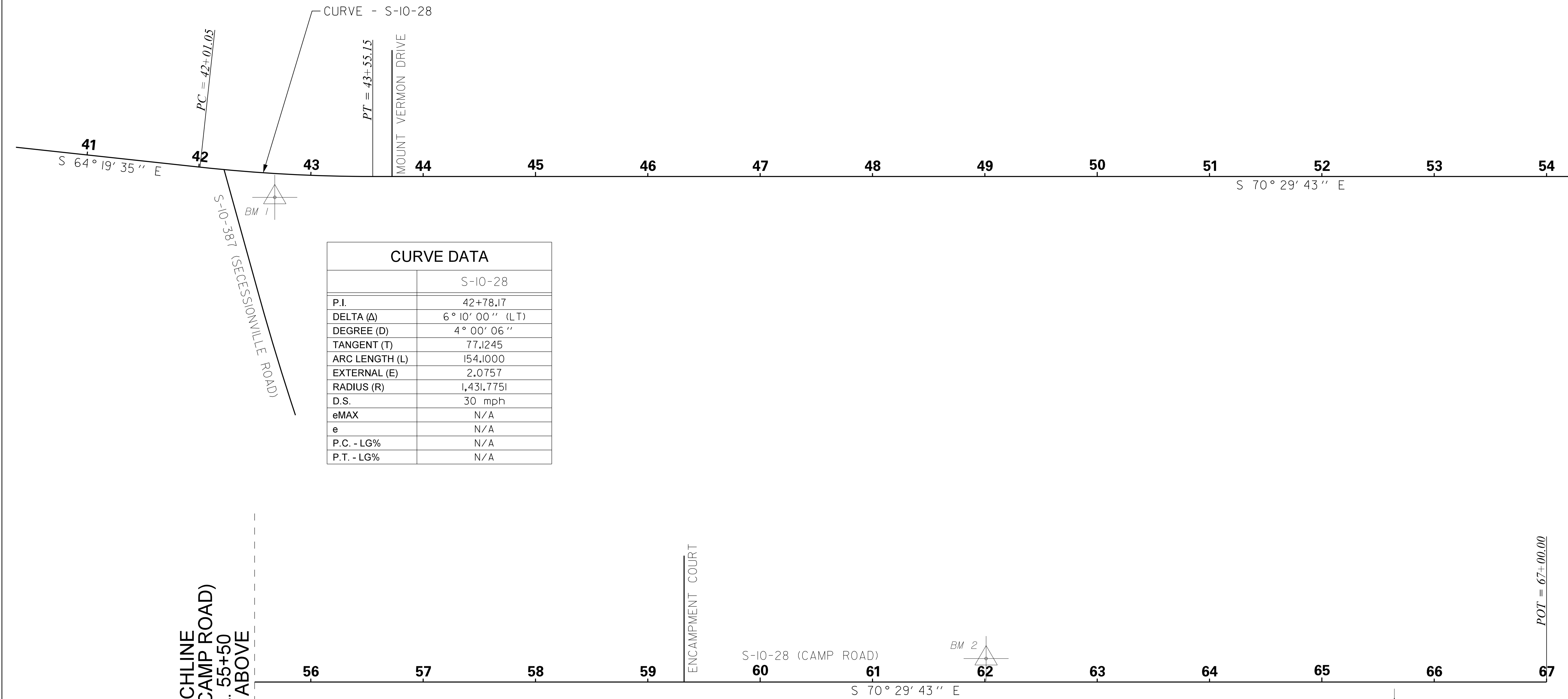
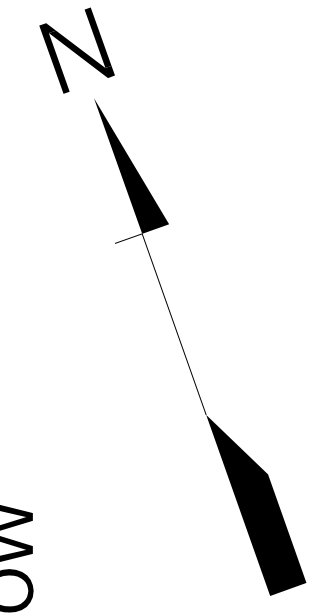
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TOWN OF JAMES ISLAND
CHARLESTON COUNTY
CAMP ROAD SIDEWALK
PROPERTY STRIP MAP

SCALE: 1" = 50' RTE. S-10-28



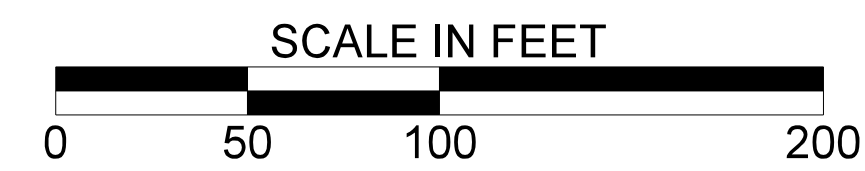
CURVE DATA	
	S-10-28
P.I.	42+78.17
DELTA (Δ)	6° 10' 00'' (LT)
DEGREE (D)	4° 00' 06''
TANGENT (T)	77.1245
ARC LENGTH (L)	154.1000
EXTERNAL (E)	2.0757
RADIUS (R)	1,431.7751
D.S.	30 mph
eMAX	N/A
e	N/A
P.C. - LG%	N/A
P.T. - LG%	N/A

MATCHLINE
S-10-28 (CAMP ROAD)
STA. 55+50
SEE ABOVE

MATCHLINE
S-10-28 (CAMP ROAD)
STA. 55+50
SEE BELOW

DATUM INFORMATION	
VERTICAL CONTROL	NORTH AMERICAN VERTICAL DATUM 1988 - NAVD 88
HORIZONTAL CONTROL	NORTH AMERICAN DATUM 1983 (2007 ADJUSTMENT) - NAD 83 (NSRS2007)
COORDINATES	SOUTH CAROLINA STATE PLANE COORDINATE SYSTEM
NORTH ORIENTATION	GRID
COMBINED SCALE FACTOR	1

BENCHMARK DATA - CONSTRUCTION CENTERLINES							
BM	NORTHING	EASTING	ALIGNMENT	STATION	OFFSET	ELEVATION	DESCRIPTION
BM 1	327798.813	2321040.169	S-10-28	42+69.14	21.19 RT	16.03	NAIL
BM 2	327190.525	2322875.580	S-10-28	62+01.10	20.86 LT	12.41	NAIL
BM 3	327025.108	2323202.529	S-10-28	65+64.52	25.90 RT	13.11	NAIL



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DWG.		DATE	GROUP
R/W		DATE	

TOWN OF JAMES ISLAND

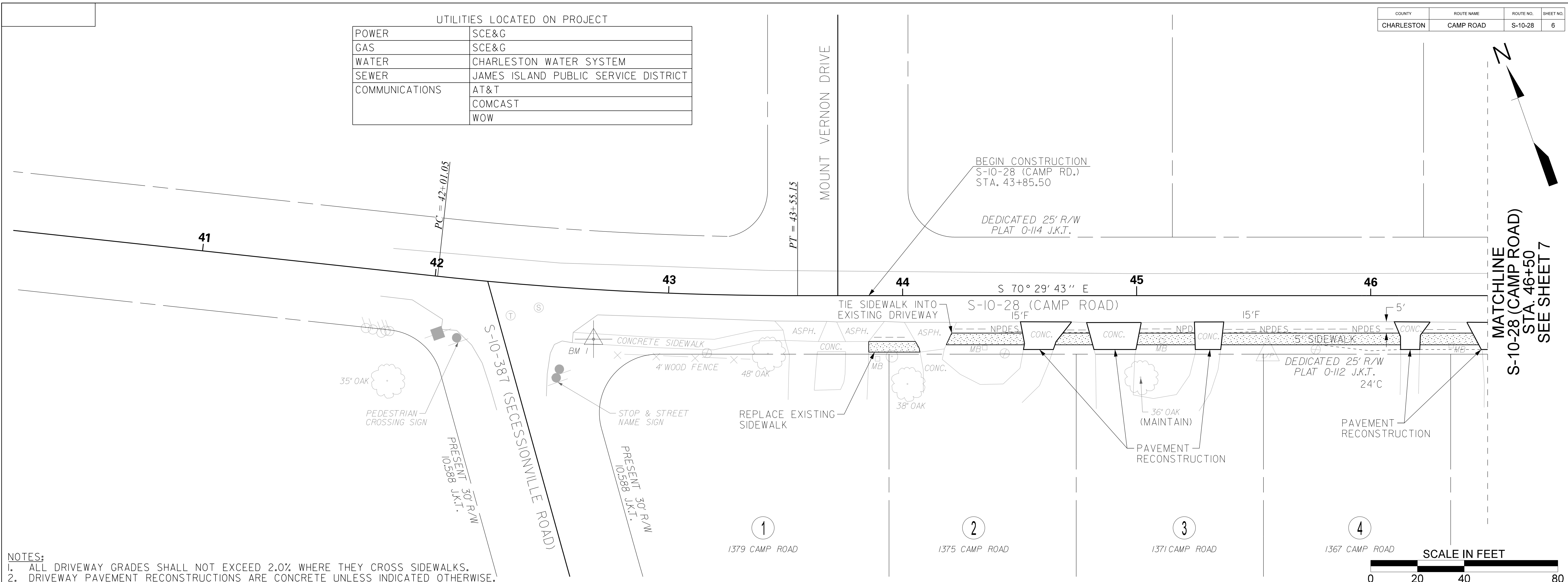
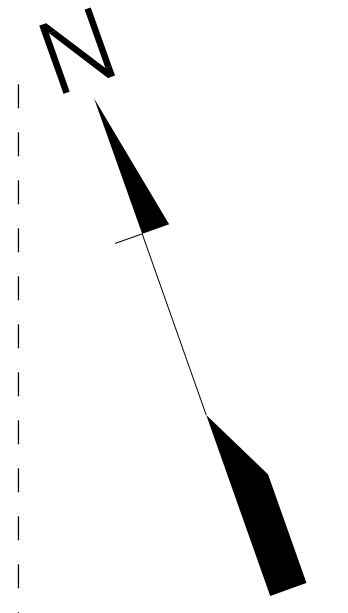
CHARLESTON COUNTY
CAMP ROAD SIDEWALK

SURVEY CONTROL &
REFERENCE DATA SHEET

SCALE: 1" = 50' RTE. S-10-28

COUNTY	ROUTE NAME	ROUTE NO.	SHEET NO.
CHARLESTON	CAMP ROAD	S-10-28	6

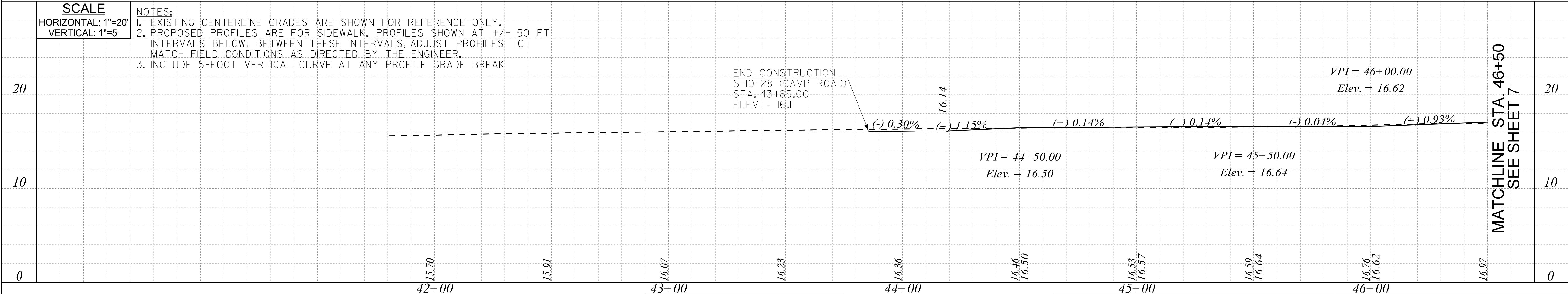
UTILITIES LOCATED ON PROJECT	
POWER	SCE&G
GAS	SCE&G
WATER	CHARLESTON WATER SYSTEM
SEWER	JAMES ISLAND PUBLIC SERVICE DISTRICT
COMMUNICATIONS	AT&T
	COMCAST
	WOW



NOTES:
 1. ALL DRIVEWAY GRADES SHALL NOT EXCEED 2.0% WHERE THEY CROSS SIDEWALKS.
 2. DRIVEWAY PAVEMENT RECONSTRUCTIONS ARE CONCRETE UNLESS INDICATED OTHERWISE.

SCALE
 HORIZONTAL: 1"=20'
 VERTICAL: 1"=5'

NOTES:
 1. EXISTING CENTERLINE GRADES ARE SHOWN FOR REFERENCE ONLY.
 2. PROPOSED PROFILES ARE FOR SIDEWALK. PROFILES SHOWN AT +/- 50 FT INTERVALS BELOW. BETWEEN THESE INTERVALS, ADJUST PROFILES TO MATCH FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 3. INCLUDE 5-FOOT VERTICAL CURVE AT ANY PROFILE GRADE BREAK



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 12/31/2014

DATE	BY

PROFILE SURVEYED
 NOTE BOOK
 NO. _____

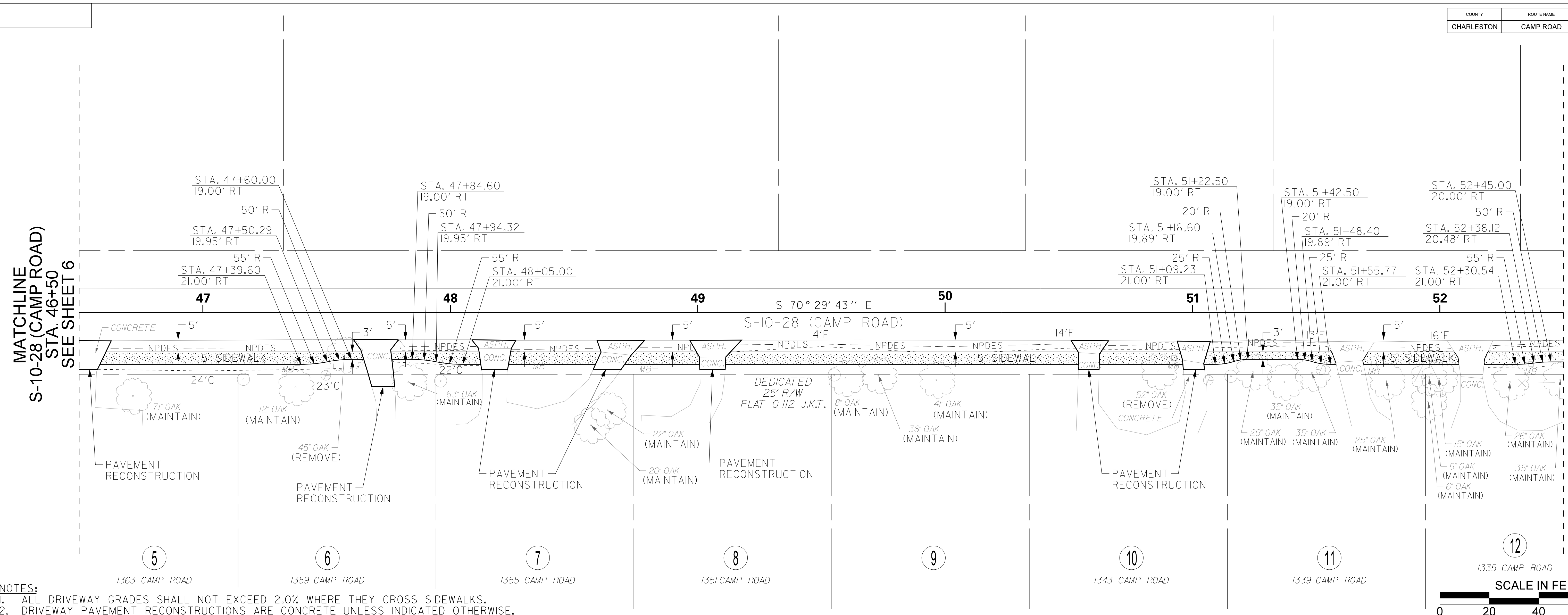
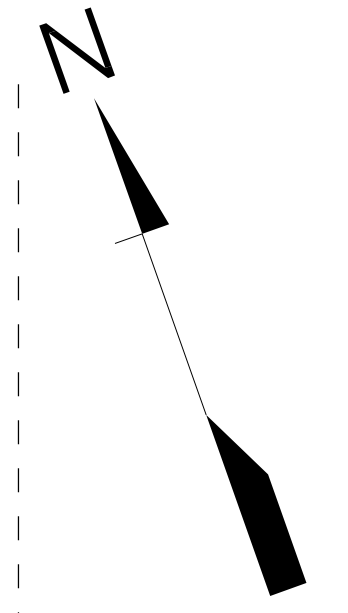
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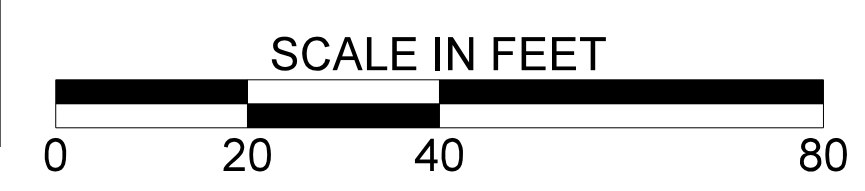
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TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 PLAN SHEET

SCALE: 1" = 20' RTE. S-10-28

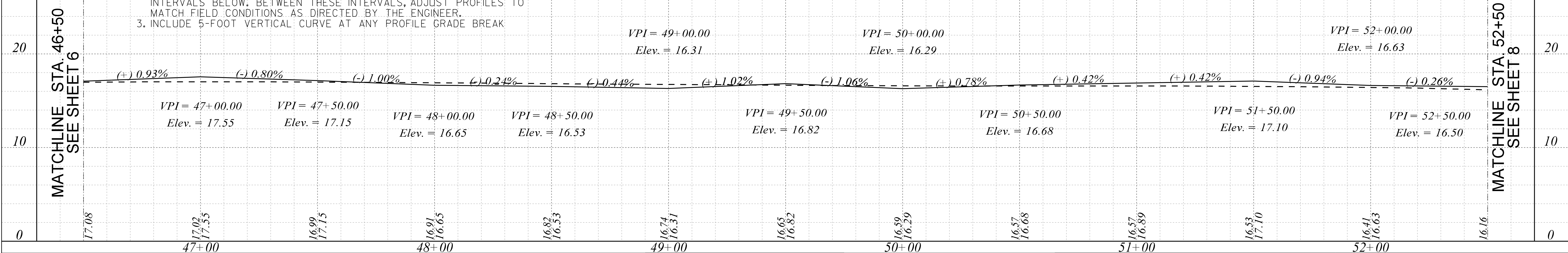


- NOTES:**
- ALL DRIVEWAY GRADES SHALL NOT EXCEED 2.0% WHERE THEY CROSS SIDEWALKS.
 - DRIVEWAY PAVEMENT RECONSTRUCTIONS ARE CONCRETE UNLESS INDICATED OTHERWISE.



SCALE
 HORIZONTAL: 1"=20'
 VERTICAL: 1"=5'

- NOTES:**
- EXISTING CENTERLINE GRADES ARE SHOWN FOR REFERENCE ONLY.
 - PROPOSED PROFILES ARE FOR SIDEWALK. PROFILES SHOWN AT +/- 50 FT INTERVALS BELOW. BETWEEN THESE INTERVALS, ADJUST PROFILES TO MATCH FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.
 - INCLUDE 5-FOOT VERTICAL CURVE AT ANY PROFILE GRADE BREAK



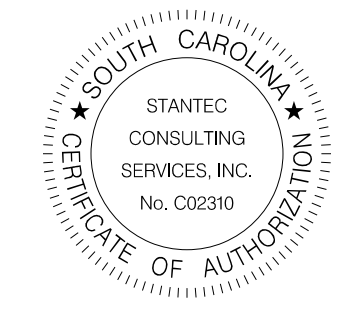
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PROFILE	DATE
SURVEYED	BY
NOTE BOOK	
GROUP CHECKED	
BAK'S NOTED	
STRUCTURE NOTATIONS CHECKED	
NO.	

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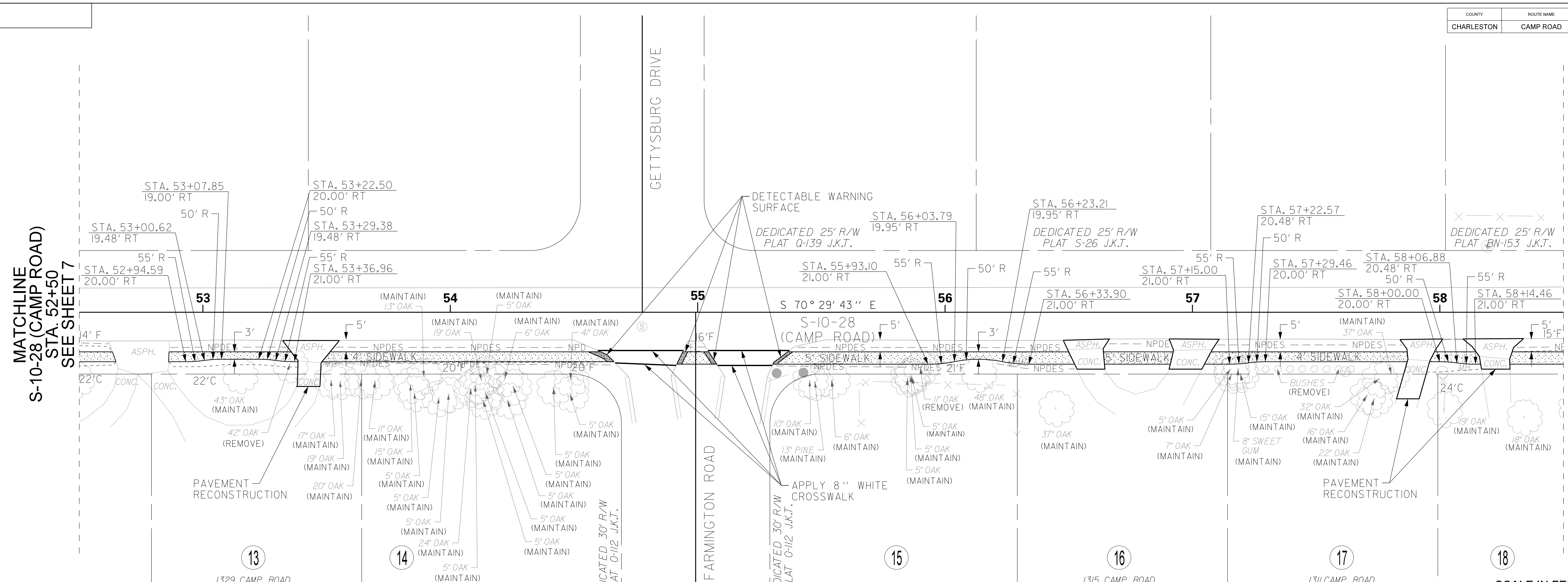
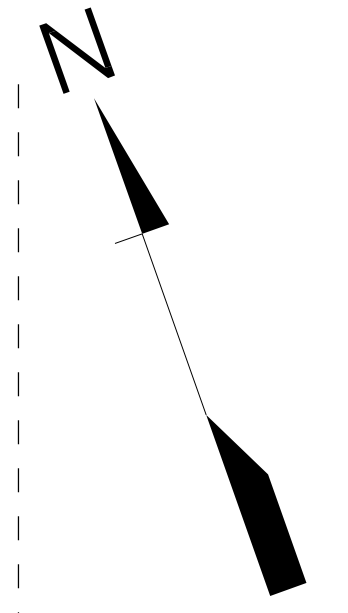
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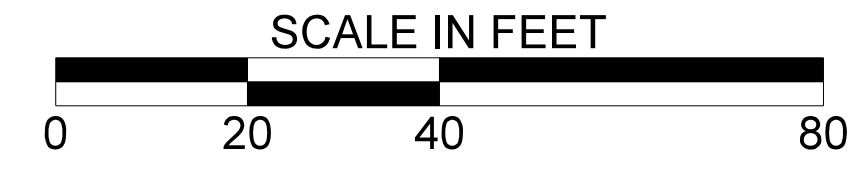
TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK

PLAN SHEET

SCALE: 1" = 20' RTE. S-10-28

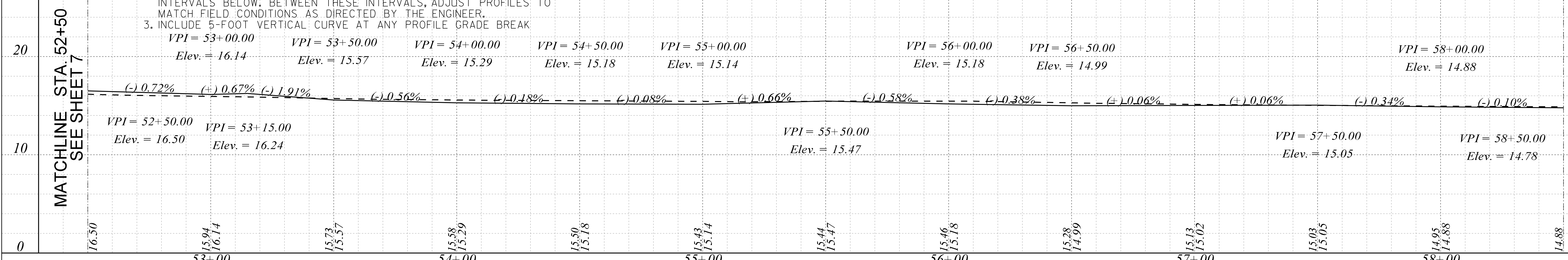


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SCALE
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 VERTICAL: 1"=5'

- NOTES:**
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 - INCLUDE 5-FOOT VERTICAL CURVE AT ANY PROFILE GRADE BREAK



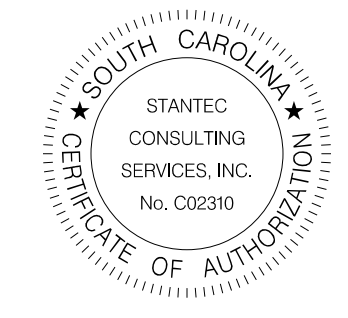
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PROFILE	DATE
SURVEYED	BY
NOTE BOOK	
PROPOSED	
WORKS NOTED	
STRUCTURE NOTATIONS CHECKED	
NO.	

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R/W		DATE	

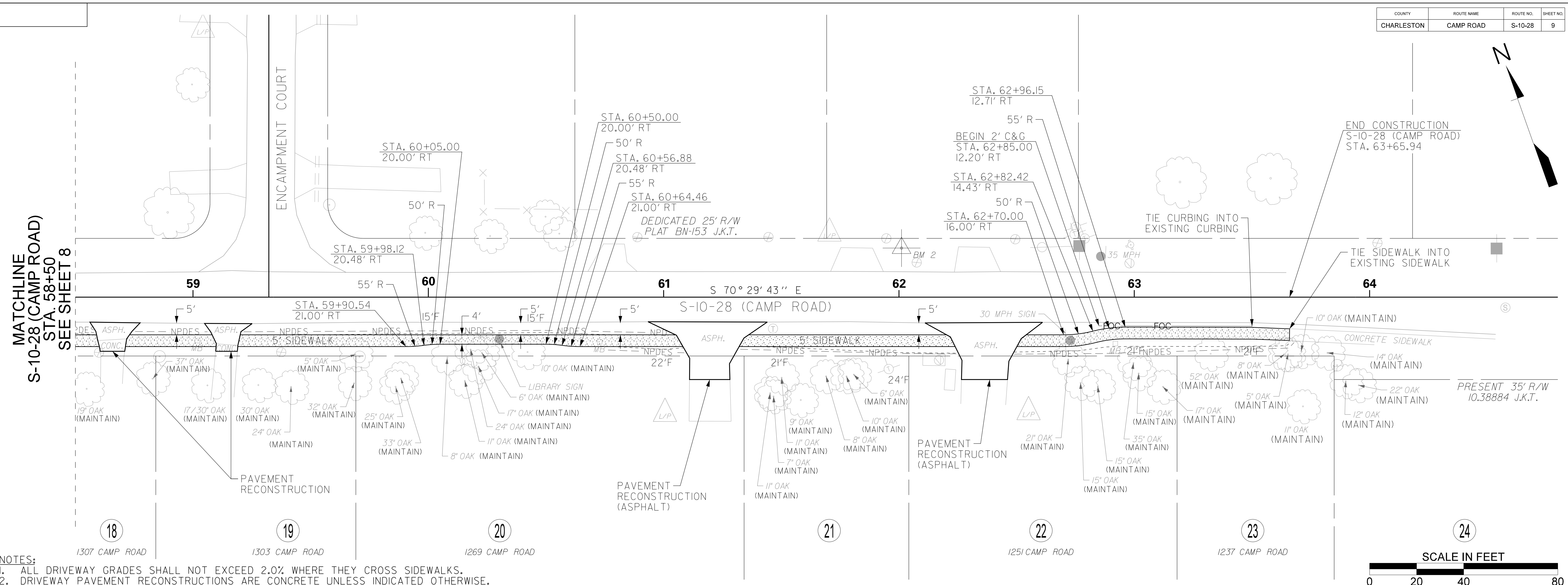
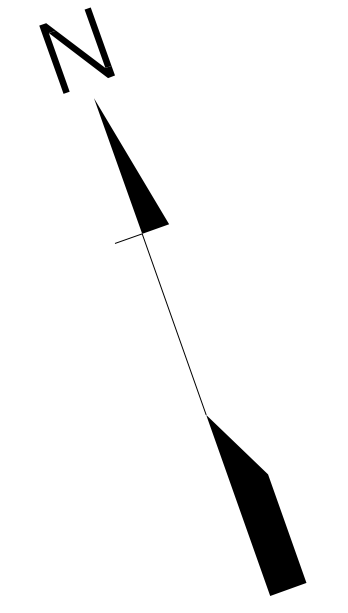


TOWN OF
 JAMES ISLAND

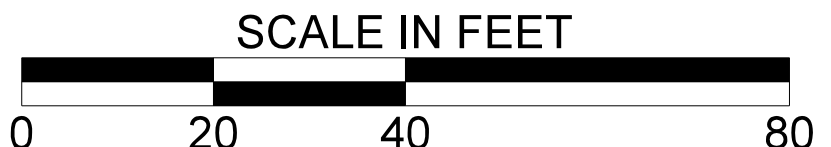
CHARLESTON COUNTY
 CAMP ROAD SIDEWALK

PLAN SHEET

SCALE: 1" = 20' RTE. S-10-28

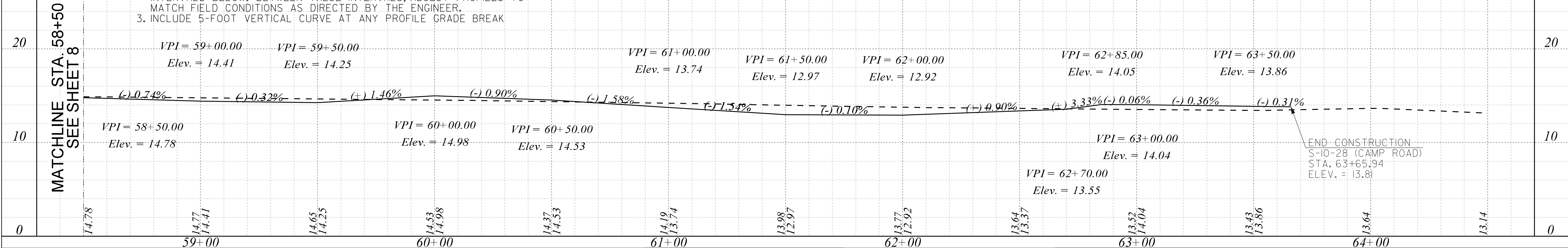


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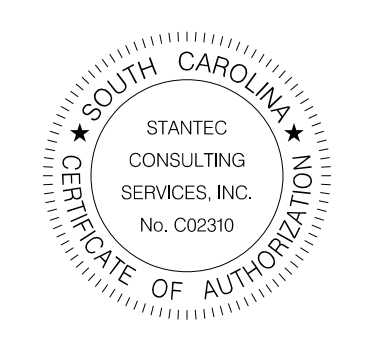


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 12/31/2014

PROFILE	SURVEYED	DATE
NOTE BOOK	PROPOSED	
	BAK'S NOTED	
	STRUCTURE NOTATIONS CHECKED	

PLANS PREPARED BY:

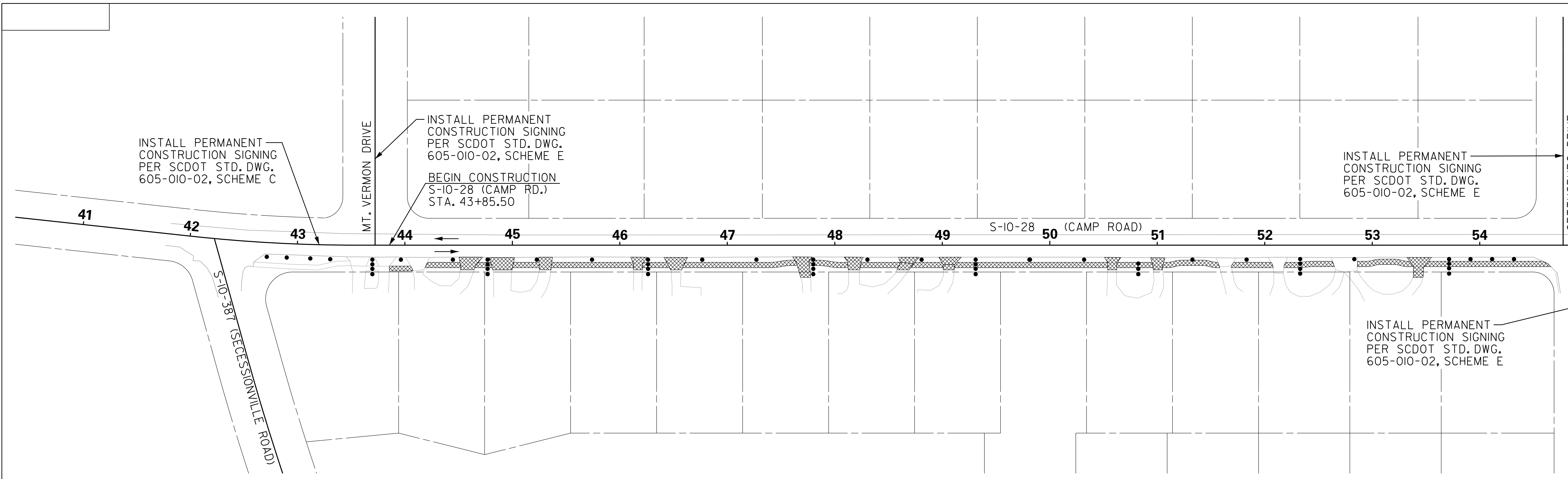
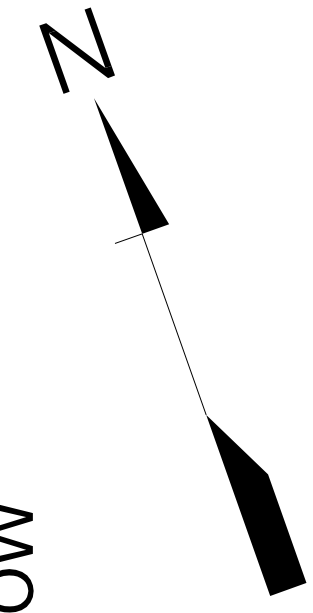
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
TOPO.	DATE		
DWG.	DATE		
R/W	DATE		

TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 PLAN SHEET
 SCALE: 1" = 20' RTE. S-10-28

COUNTY	ROUTE NAME	ROUTE NO.	SHEET NO.
CHARLESTON	CAMP ROAD	S-10-28	TC1



LEGEND

▣ NEW CONSTRUCTION

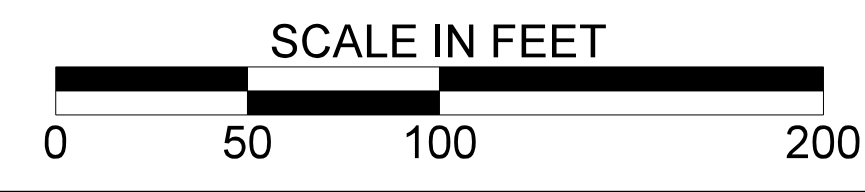
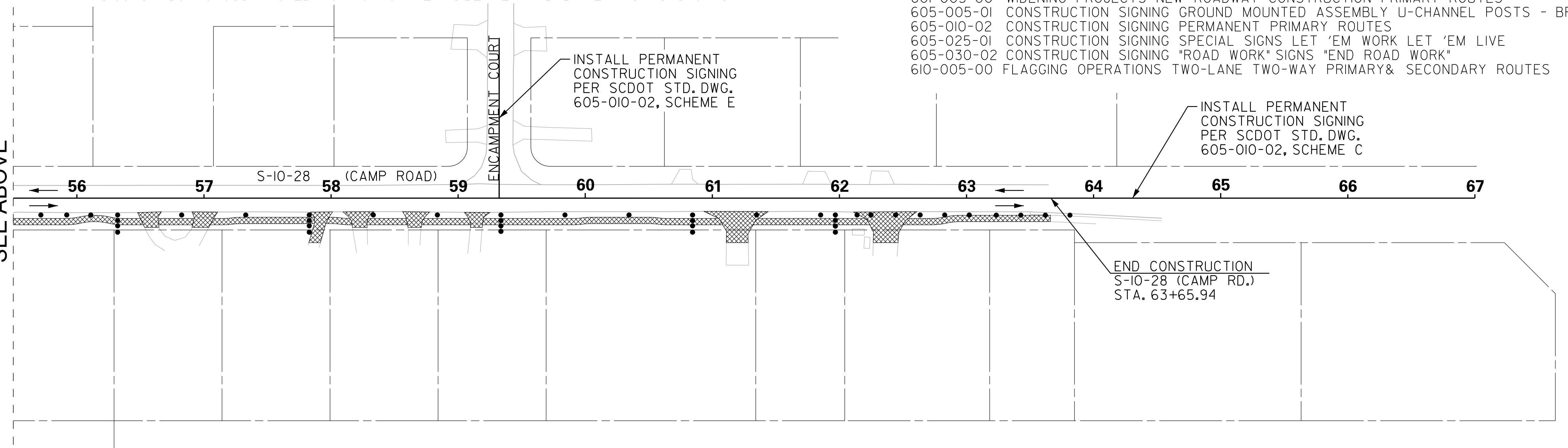
CONSTRUCTION SEQUENCE

1. INSTALL PERMANENT CONSTRUCTION SIGNS.
2. INSTALL PORTABLE PLASTIC DRUMS.
3. MAINTAIN MINIMUM ONE LANE OF TRAFFIC ON CAMP ROAD UTILIZING FLAGMAN DURING GRADING OPERATIONS.
4. CONSTRUCT CROSSHATCHED PORTION OF NEW SIDEWALK AND DRIVEWAYS AS SHOWN.

CONSTRUCTION NOTES

1. PORTABLE PLASTIC DRUMS INSTALLED ADJACENT TO INTERSECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DRAWING NUMBER 601-005-00, AND AS DIRECTED BY THE PLANS.
2. CONSTRUCTION OF THIS PROJECT REFERENCES THE FOLLOWING SCDOT STANDARD DRAWINGS:
 - 601-005-00 WIDENING PROJECTS NEW ROADWAY CONSTRUCTION PRIMARY ROUTES
 - 605-005-01 CONSTRUCTION SIGNING GROUND MOUNTED ASSEMBLY U-CHANNEL POSTS - BREAKAWAY INSTALLATION
 - 605-010-02 CONSTRUCTION SIGNING PERMANENT PRIMARY ROUTES
 - 605-025-01 CONSTRUCTION SIGNING SPECIAL SIGNS LET 'EM WORK LET 'EM LIVE
 - 605-030-02 CONSTRUCTION SIGNING "ROAD WORK" SIGNS "END ROAD WORK"
 - 610-005-00 FLAGGING OPERATIONS TWO-LANE TWO-WAY PRIMARY & SECONDARY ROUTES

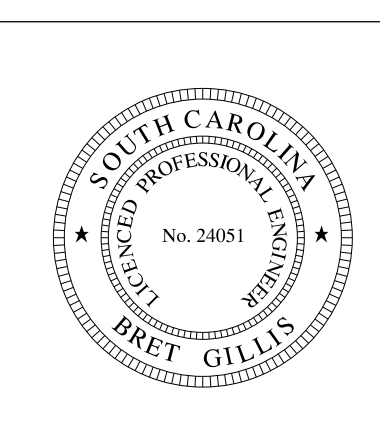
MATCHLINE S-10-28 (CAMP ROAD) STA. 55+50 SEE ABOVE



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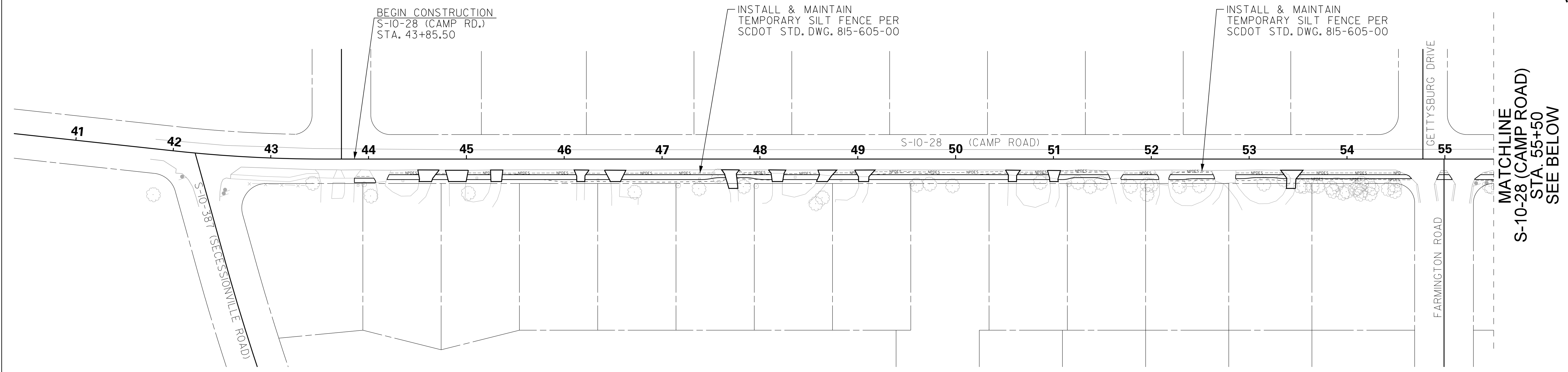
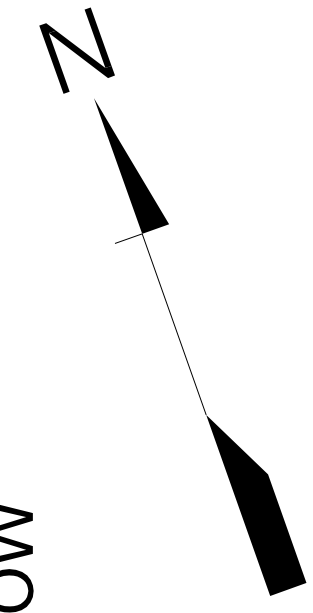
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TOWN OF JAMES ISLAND

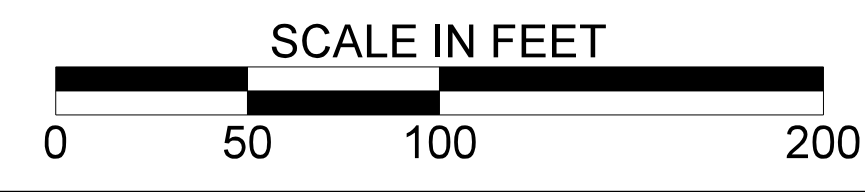
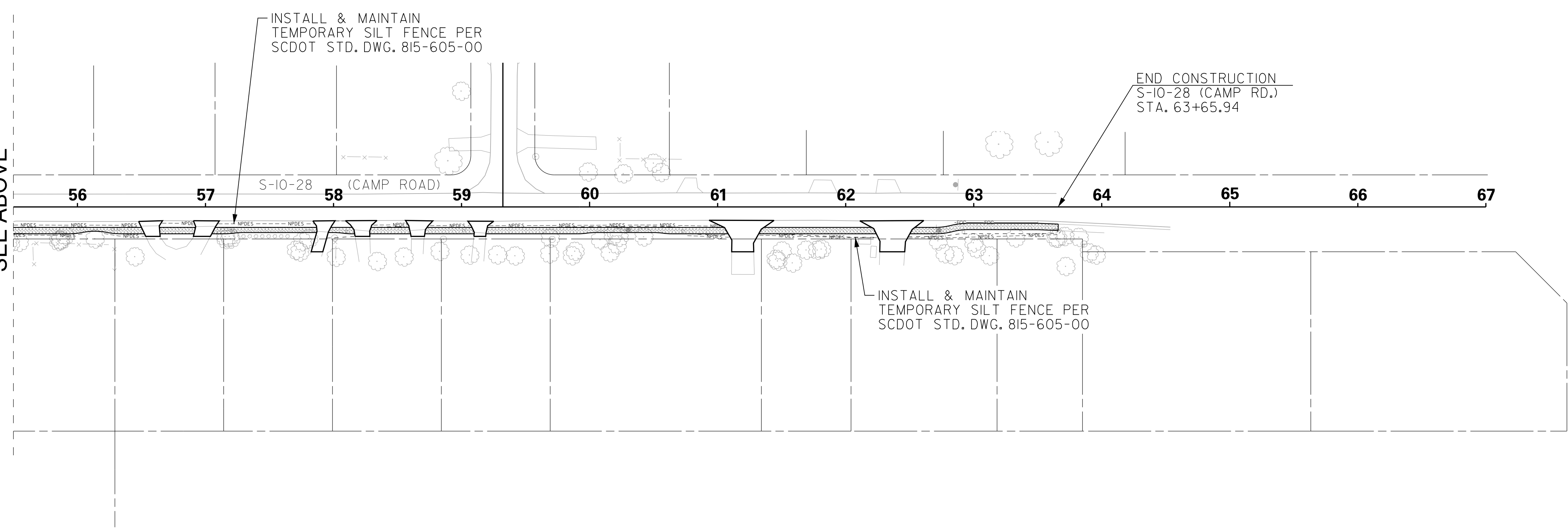
CHARLESTON COUNTY
CAMP ROAD SIDEWALK
TRAFFIC CONTROL PLAN

SCALE: 1" = 50' RTE. S-10-28

COUNTY	ROUTE NAME	ROUTE NO.	SHEET NO.
CHARLESTON	CAMP ROAD	S-10-28	EC2



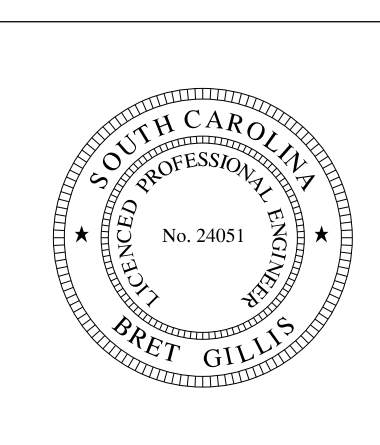
MATCHLINE
S-10-28 (CAMP ROAD)
STA. 55+50
SEE ABOVE



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12/3/2014

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TOWN OF JAMES ISLAND

CHARLESTON COUNTY
CAMP ROAD SIDEWALK

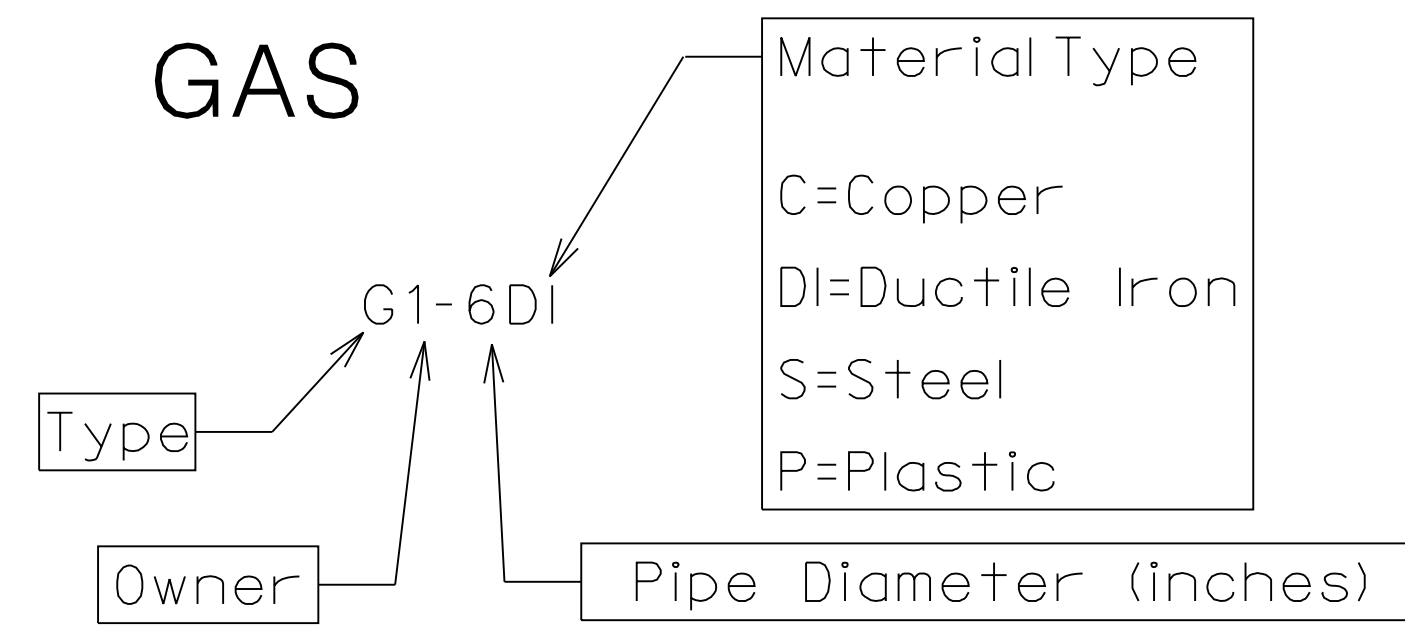
EROSION CONTROL PLAN

SCALE: 1" = 50' RTE. S-10-28

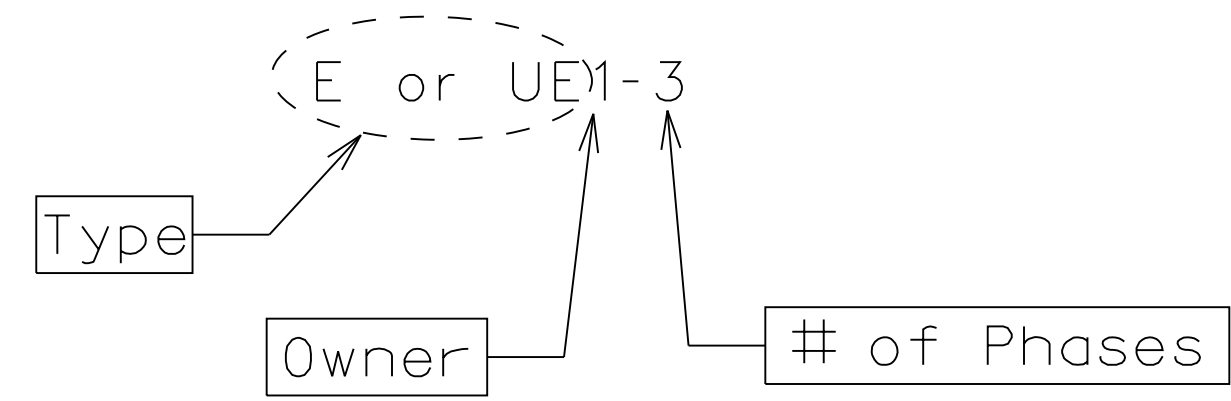
UTILITY LINE LABEL KEY

UTILITY SYMBOLS AND LINES

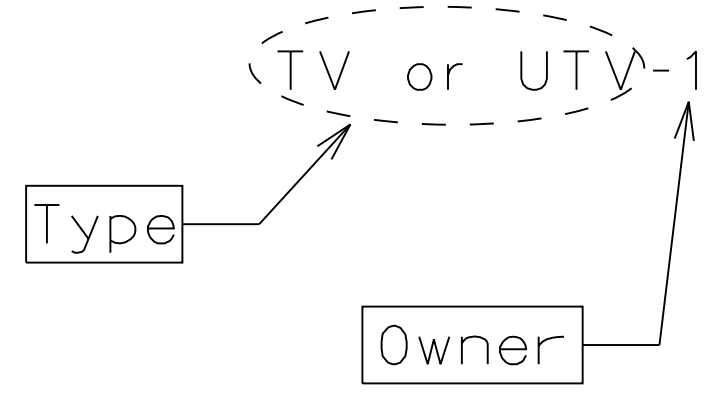
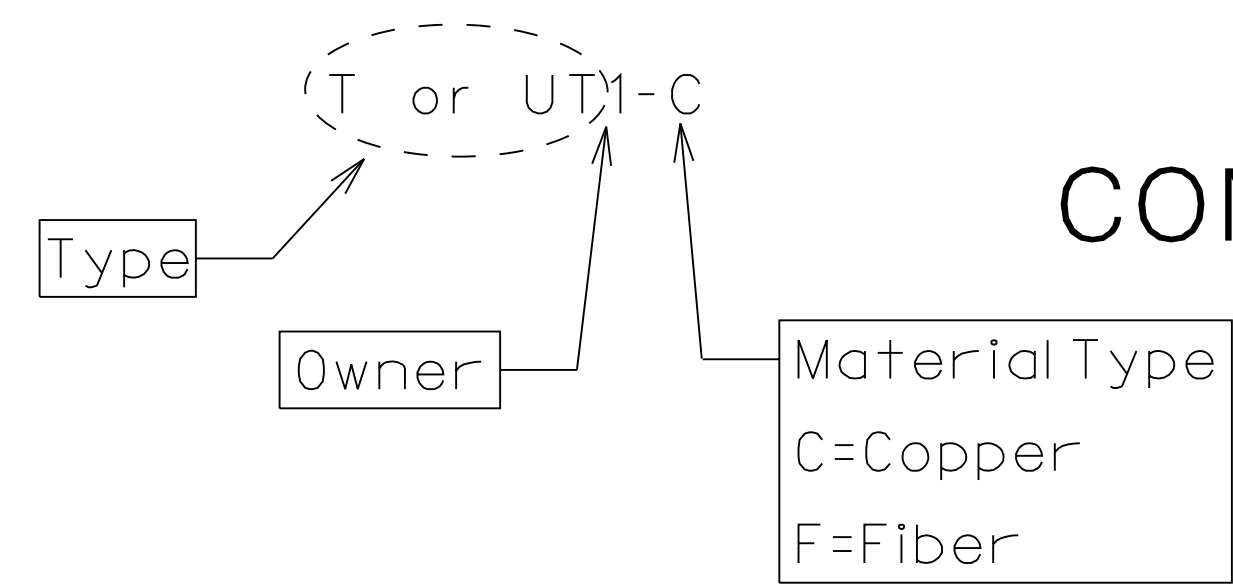
GAS



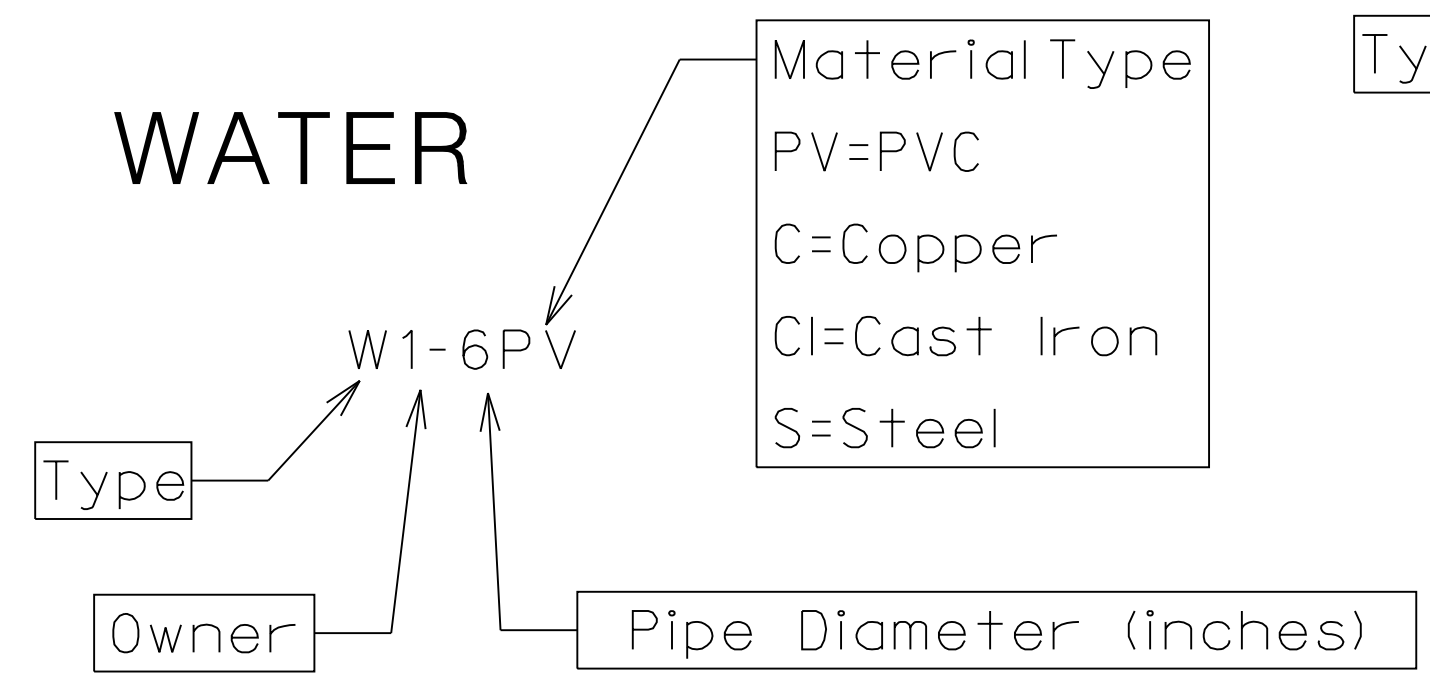
ELECTRICAL



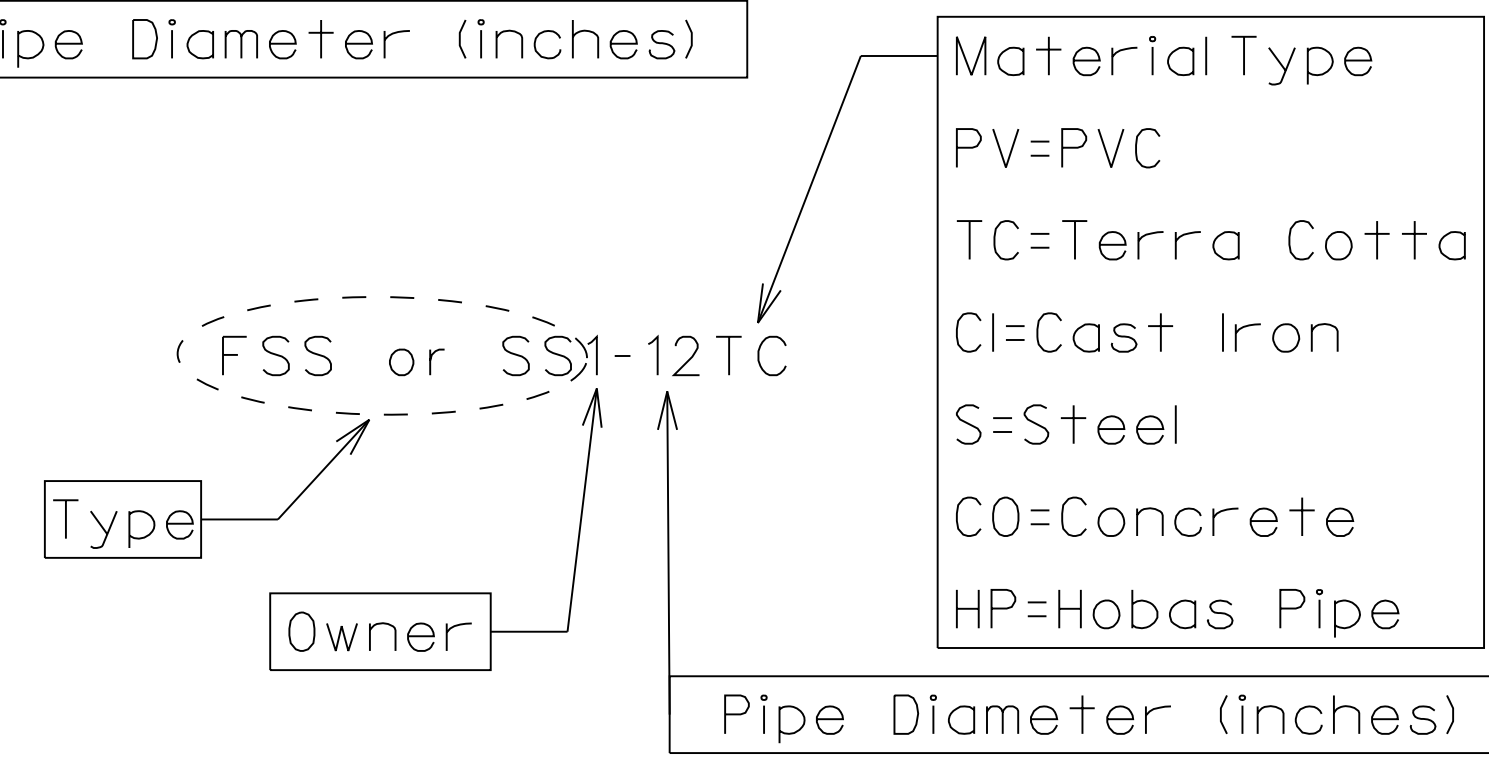
COMMUNICATIONS



WATER

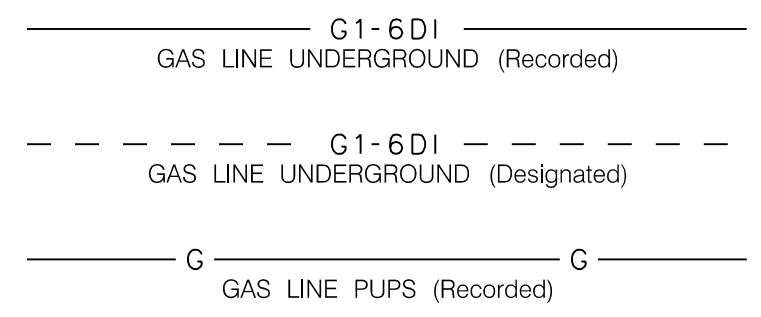


SEWER



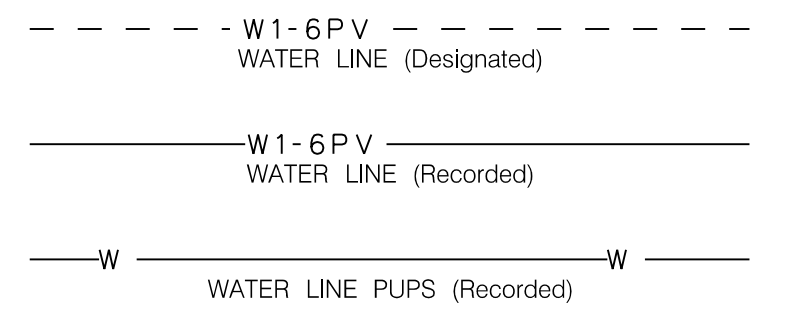
Gas

- GM - Gas Meter
- GV - Gas Valve
- GMH - Gas Manhole
- GVT - Gas Vent
- GR - Gas Pressure Regulator



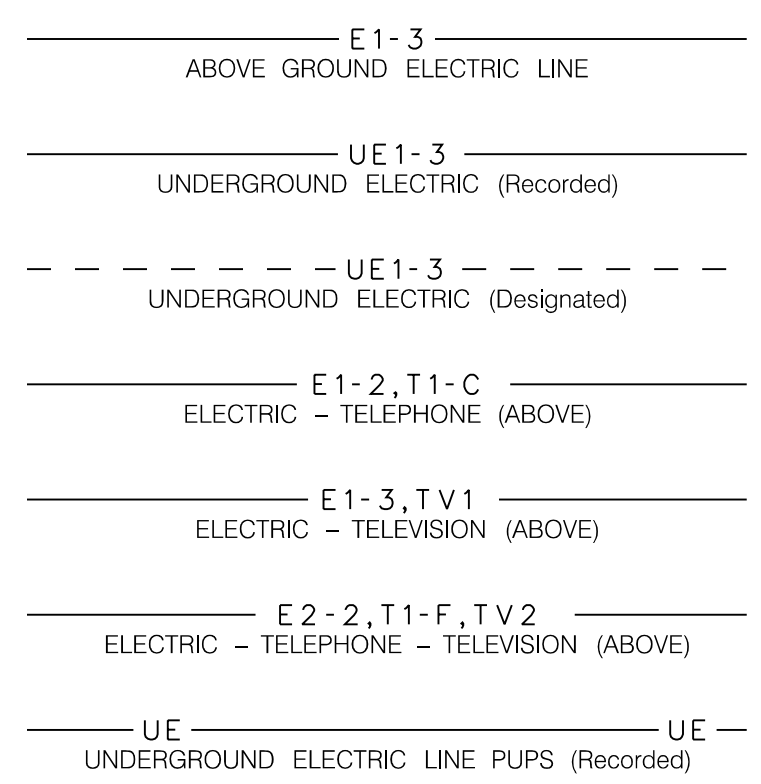
Water

- WM - Water Meter
- WV - Water Valve
- WMW - Water Monitoring Well
- FH - Fire Hydrant
- WMH - Water Manhole
- WAR - Water Air Release Valve



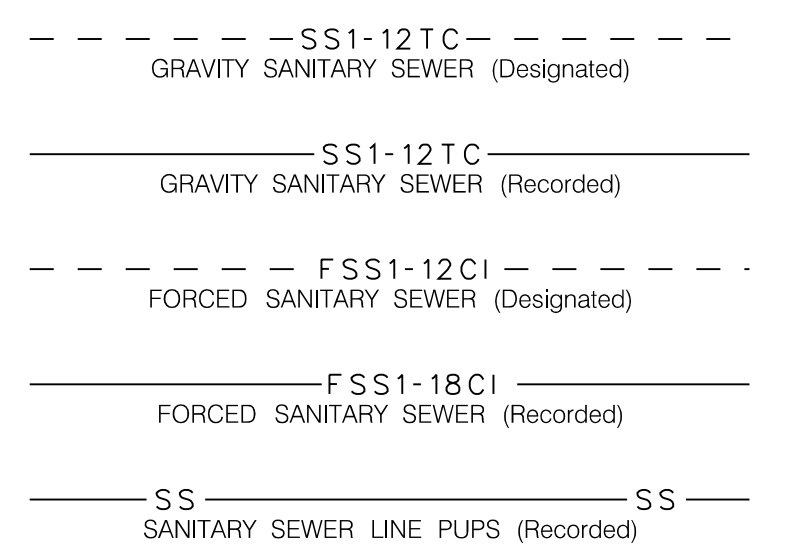
Electrical

- PP - Power Pole
- MP - Meter Pole
- ETB - Electric Transformer Box
- LP - Light Pole
- PMH - Power Manhole
- PHH - Power Cable Hand Hold
- GW - Guy Wire
- GP - Guy Pole
- PLT - Power Line Tower
- TSP - Traffic Signal Pole
- TSJ - Traffic Signal Junction Box



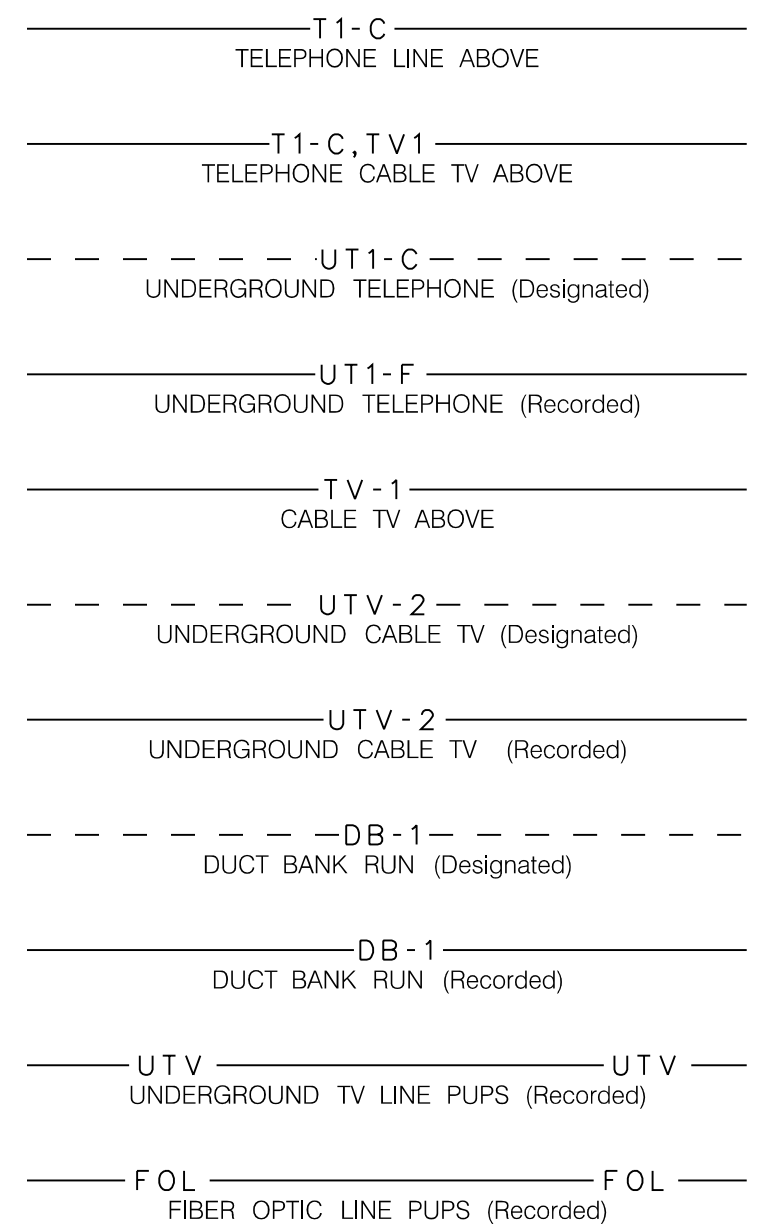
Sewers

- SVC - Sewer Clean Out
- SMH - Sanitary Sewer Manhole
- SAR - Sewer Air Release Valve



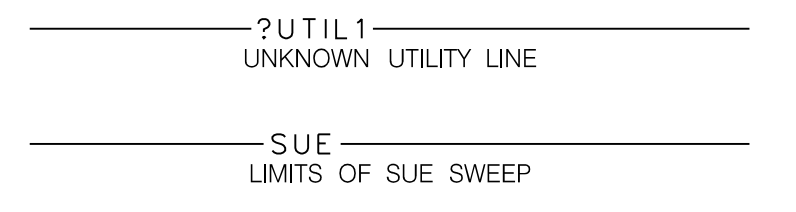
Communications

- TB - Telephone Booth
- TV - Cable TV Pedestal
- TP - Telephone Pole
- TPP - Telephone Pedestal
- TM - Telephone Manhole
- FHH - Fiber Optic Hand Hold
- CT - CellPhone Tower
- THH - Telephone Hand Hold
- TVHH - Cable TV Hand Hold



Miscellaneous

- OP - Other Use Pole
- EOI - End of Information
- TH - Test Hole
- WTS - WITNESS MARKER



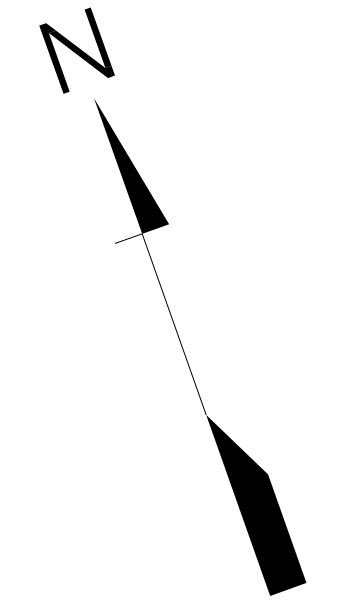
TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 UTILITY LEGEND SHEET

SCALE: N/A RTE. S-10-28

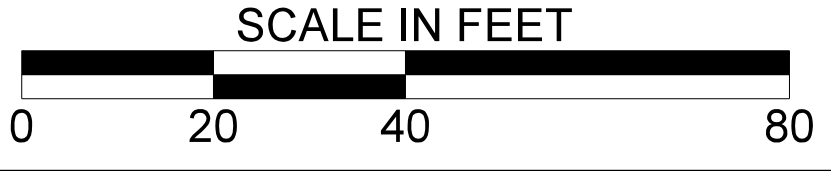
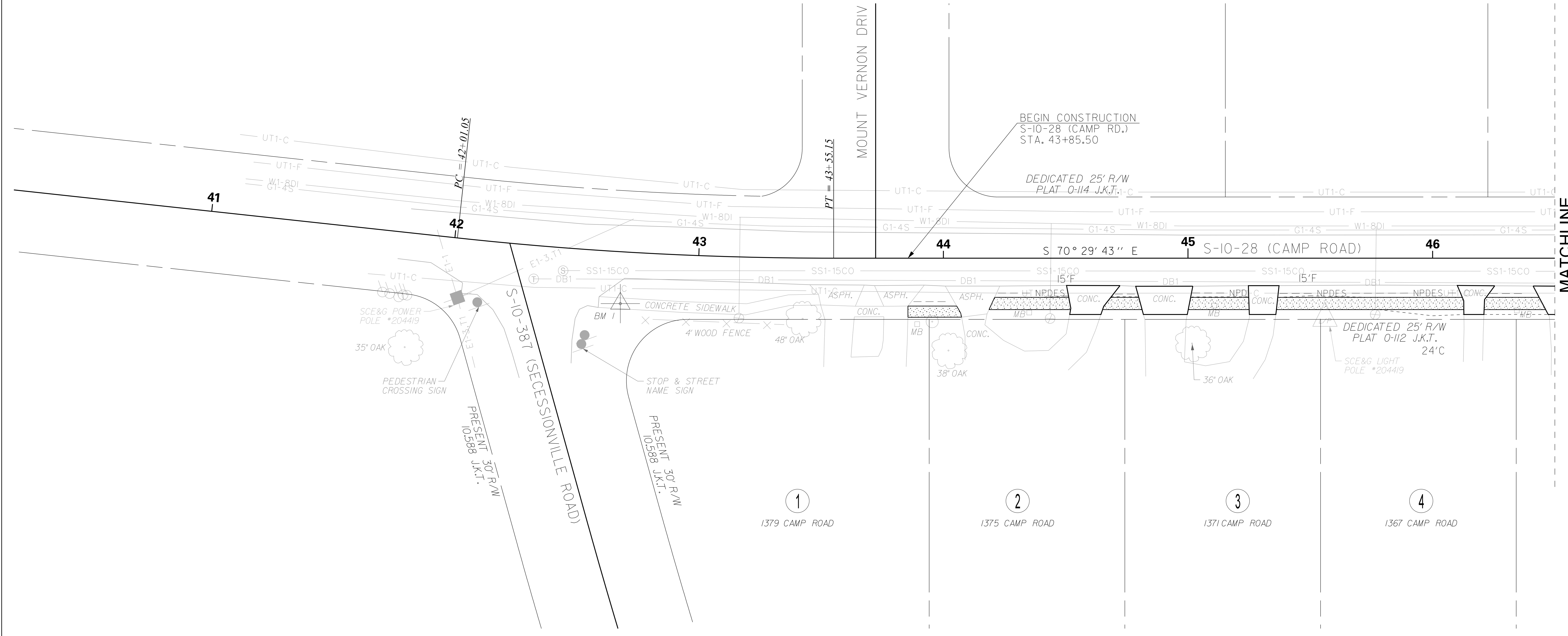
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 12/3/2014

UTILITIES LOCATED ON PROJECT	
POWER	SCE&G
GAS	SCE&G
WATER	CHARLESTON WATER SYSTEM
SEWER	JAMES ISLAND PUBLIC SERVICE DISTRICT
COMMUNICATIONS	AT&T

COUNTY	ROUTE NAME	ROUTE NO.	SHEET NO.
CHARLESTON	CAMP ROAD	S-10-28	U3



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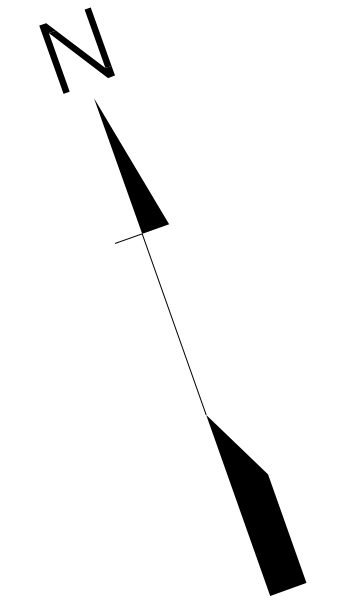
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REV. NO.	BY	DATE	DESCRIPTION OF REVISION
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 **TOWN OF JAMES ISLAND**
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 UTILITY RELOCATION SHEET

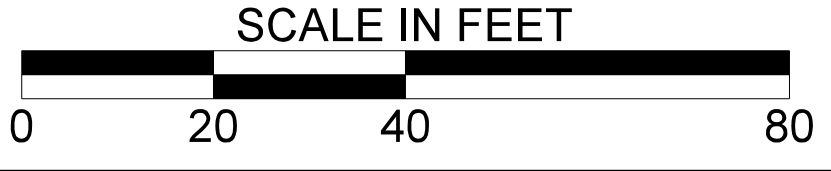
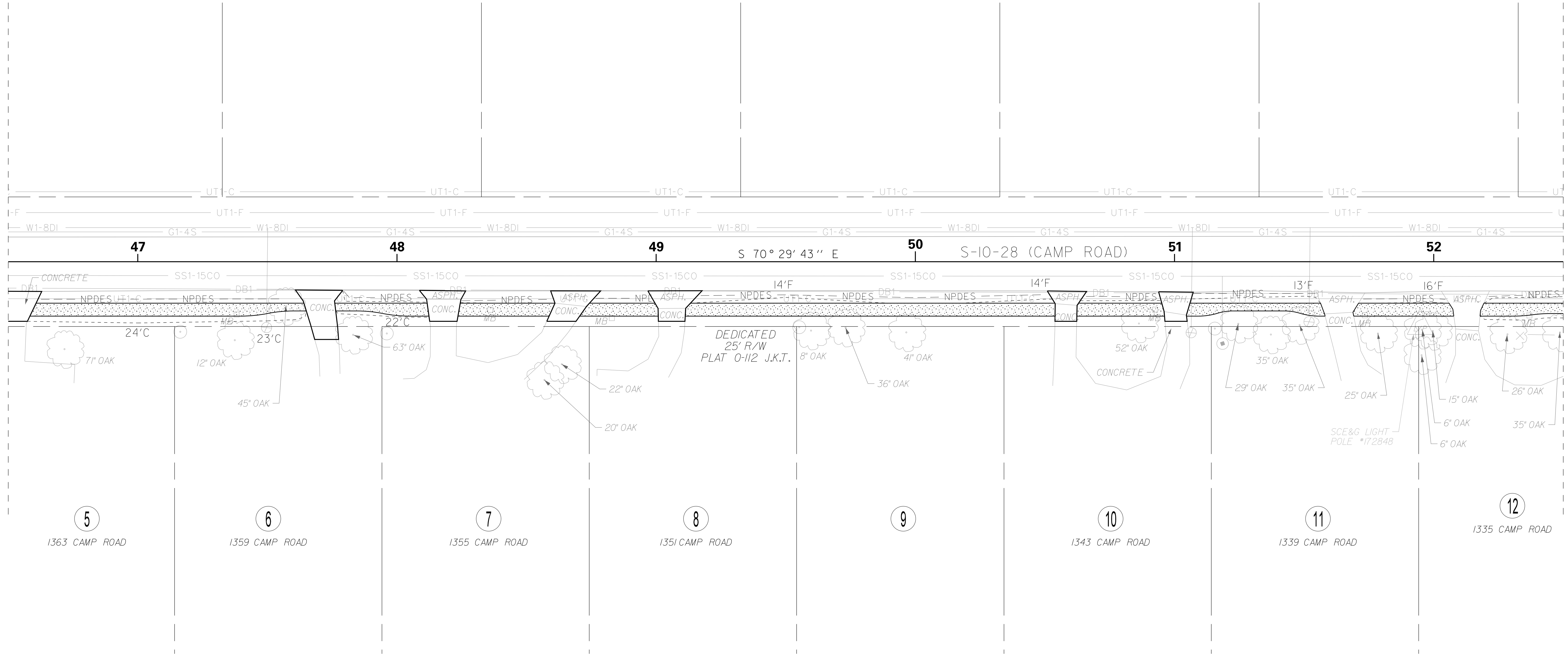
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 12/31/2014

MATCHLINE
 S-10-28 (CAMP ROAD)
 STA. 46+50
 SEE SHEET U3

MATCHLINE
 S-10-28 (CAMP ROAD)
 STA. 52+50
 SEE SHEET U5




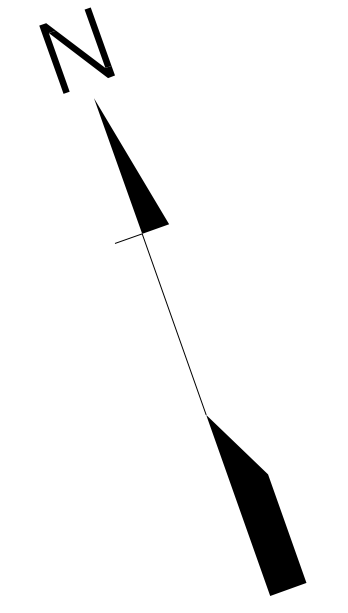
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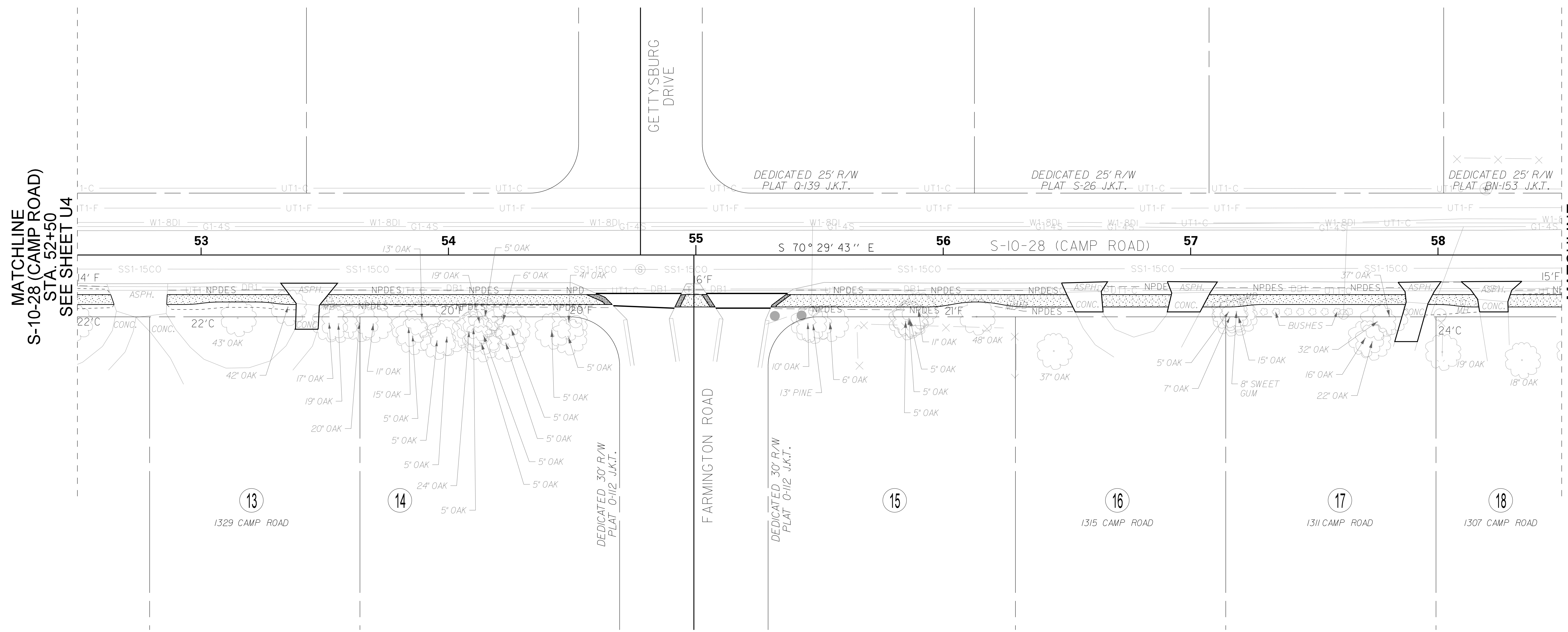


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 **TOWN OF JAMES ISLAND**
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 UTILITY RELOCATION SHEET
 SCALE: 1" = 20' RTE. S-10-28

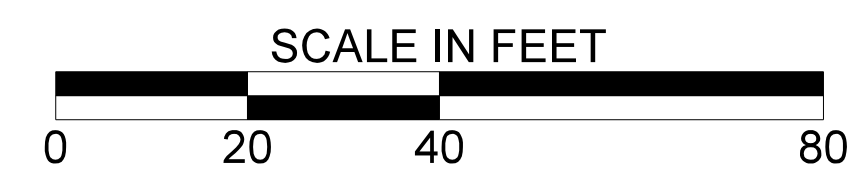


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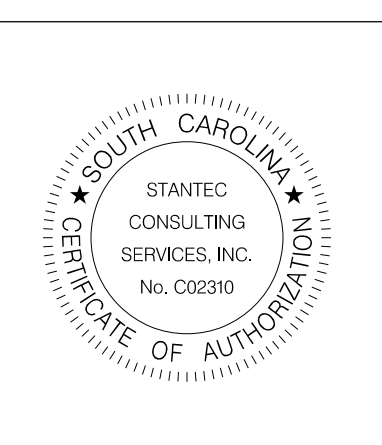
MATCHLINE
 S-10-28 (CAMP ROAD)
 STA. 52+50
 SEE SHEET U4

MATCHLINE
 S-10-28 (CAMP ROAD)
 STA. 58+50
 SEE SHEET U6




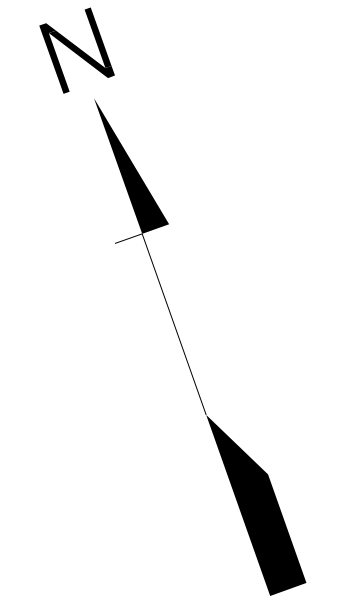
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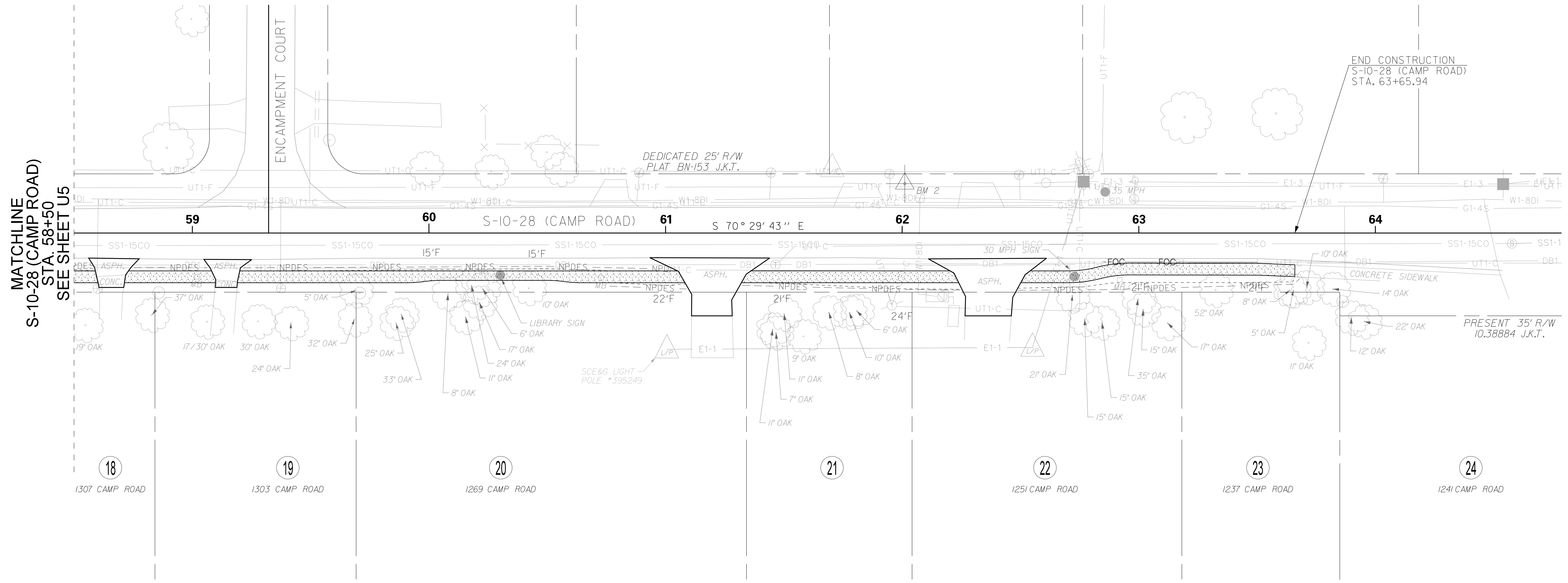


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 **TOWN OF JAMES ISLAND**
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 UTILITY RELOCATION SHEET
 SCALE: 1" = 20' RTE. S-10-28



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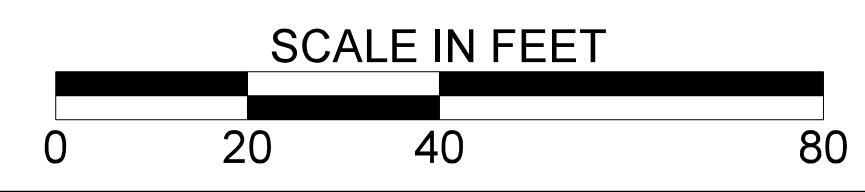
MATCHLINE
 S-10-28 (CAMP ROAD)
 STA. 58+50
 SEE SHEET U5

END CONSTRUCTION
 S-10-28 (CAMP ROAD)
 STA. 63+65.94

DEDICATED 25' R/W
 PLAT BN-153 J.K.T.

PRESENT 35' R/W
 10.38884 J.K.T.

- 18
1307 CAMP ROAD
- 19
1303 CAMP ROAD
- 20
1269 CAMP ROAD
- 21
- 22
1251 CAMP ROAD
- 23
1237 CAMP ROAD
- 24
1241 CAMP ROAD




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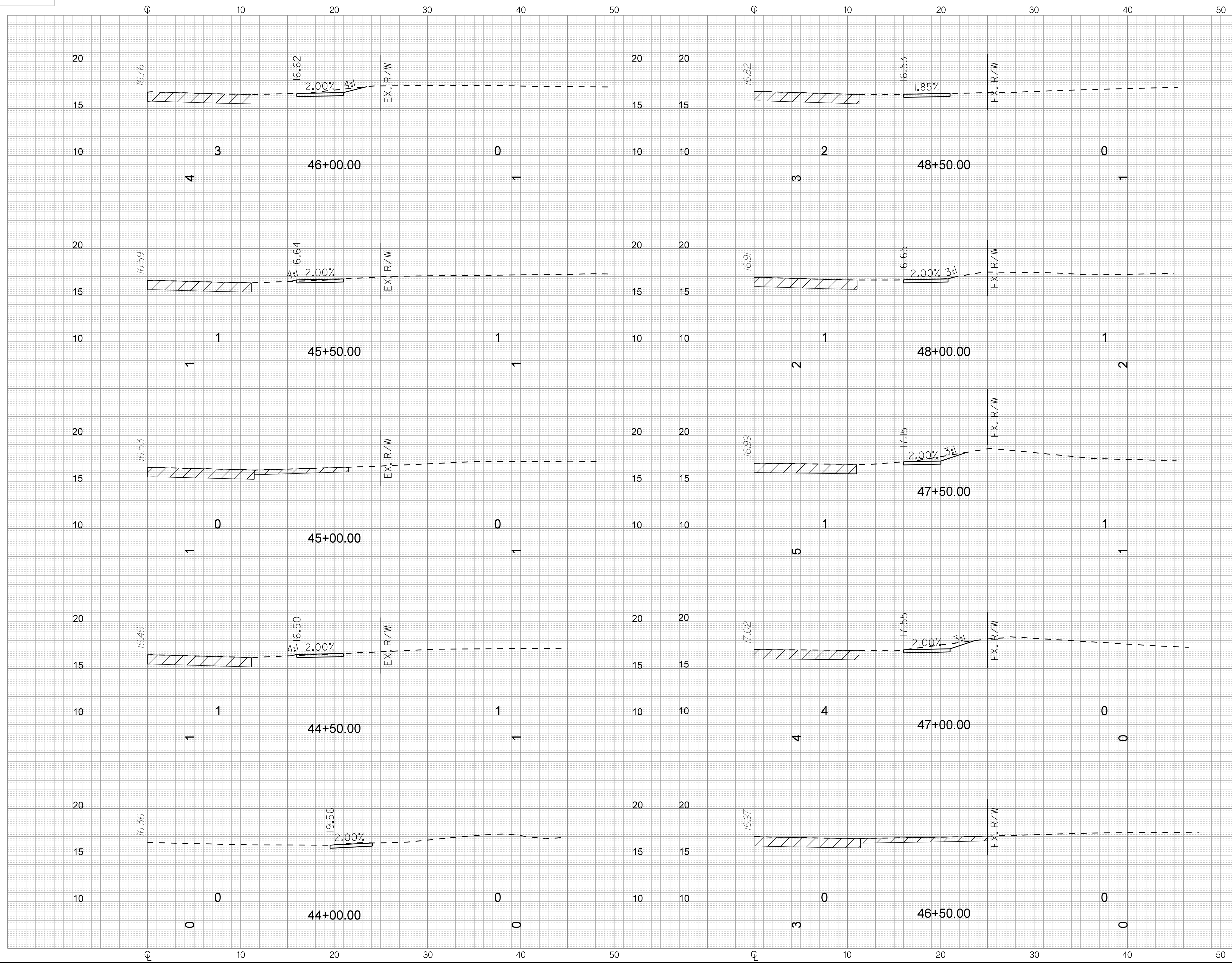
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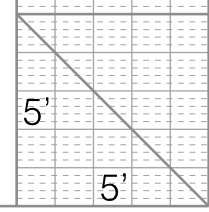
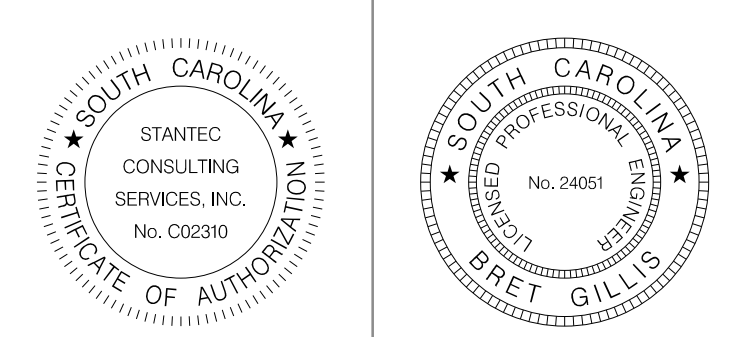
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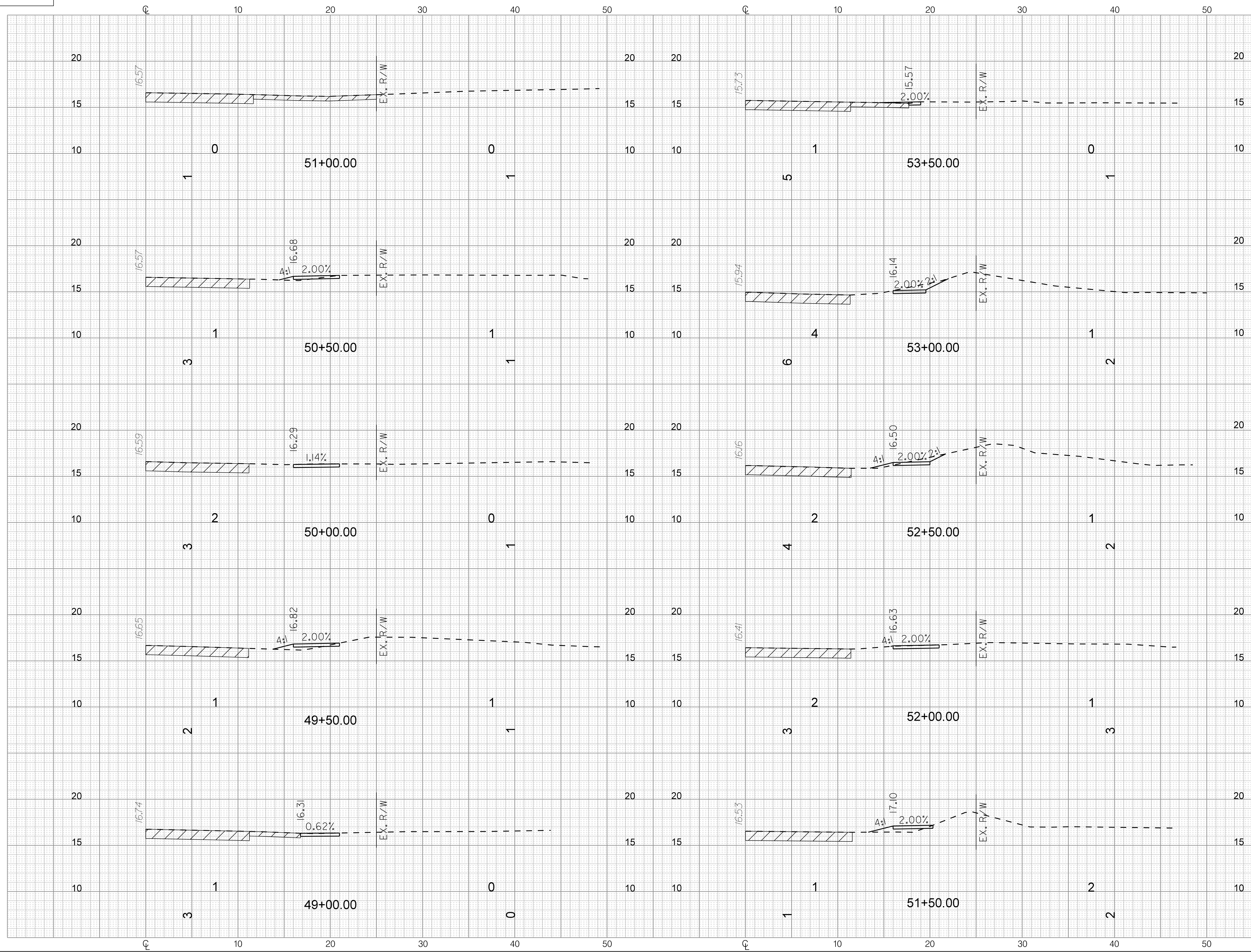

TOWN OF JAMES ISLAND
 CHARLESTON COUNTY
 CAMP ROAD SIDEWALK
 UTILITY RELOCATION SHEET

SCALE: 1" = 20' RTE. S-10-28

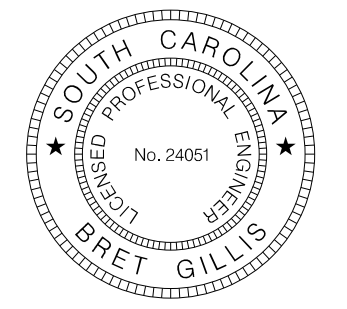


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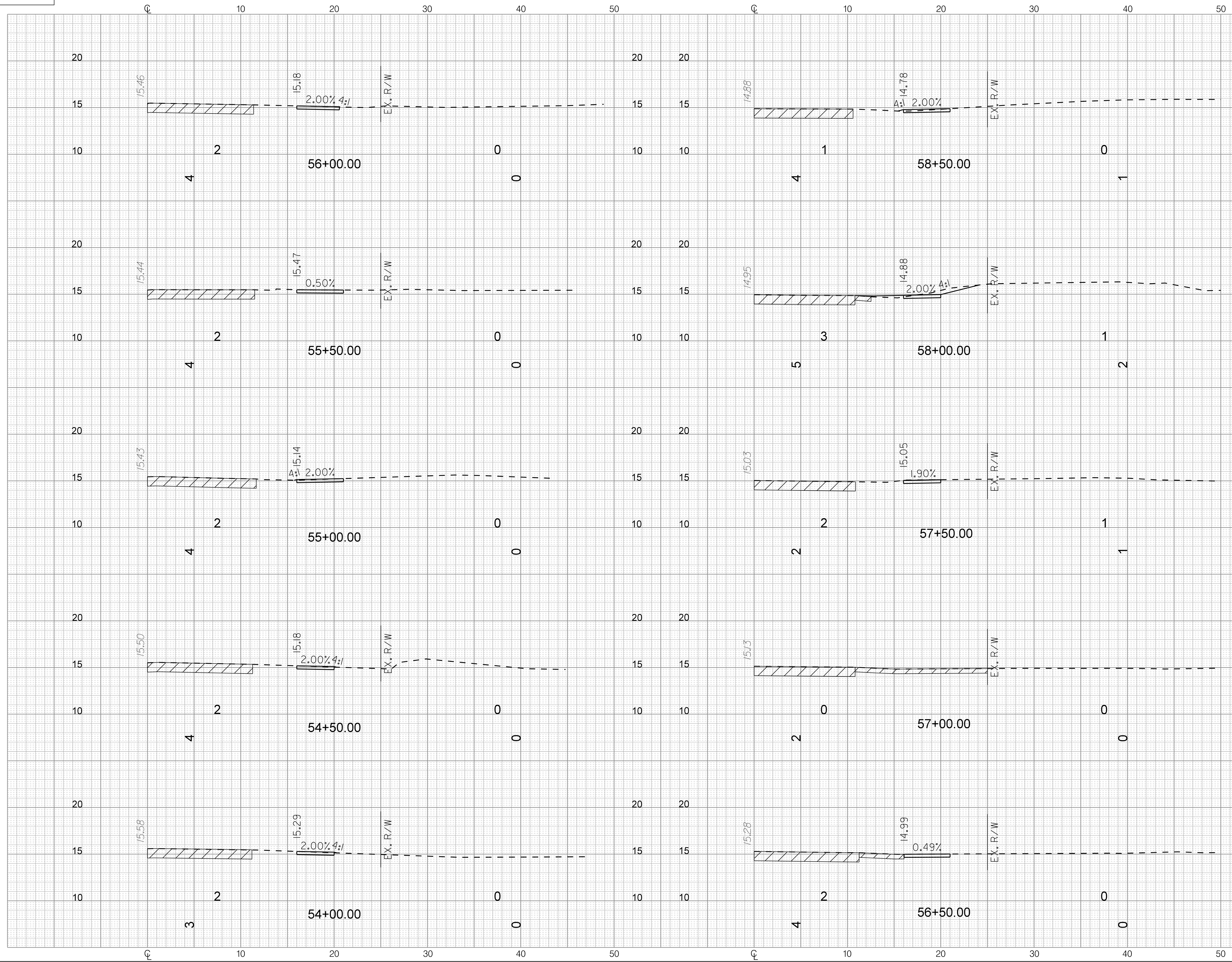




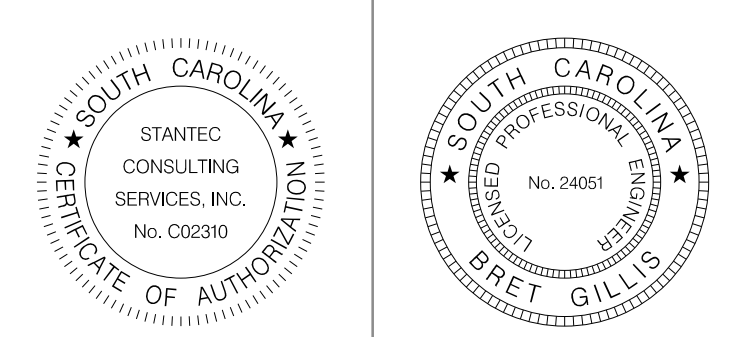
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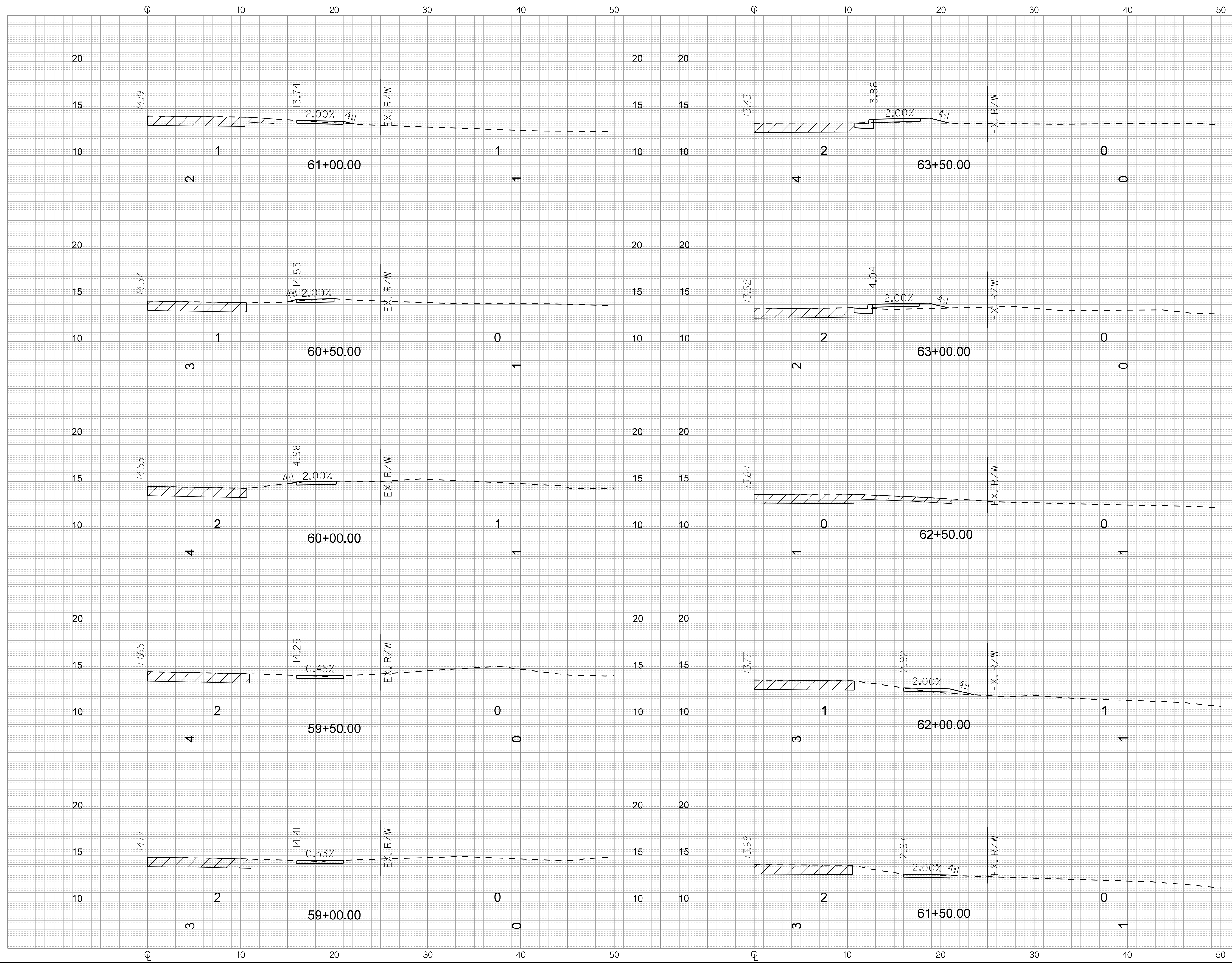
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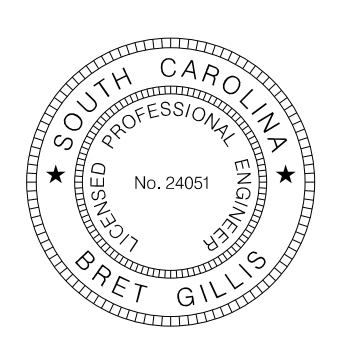
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5'
 5'