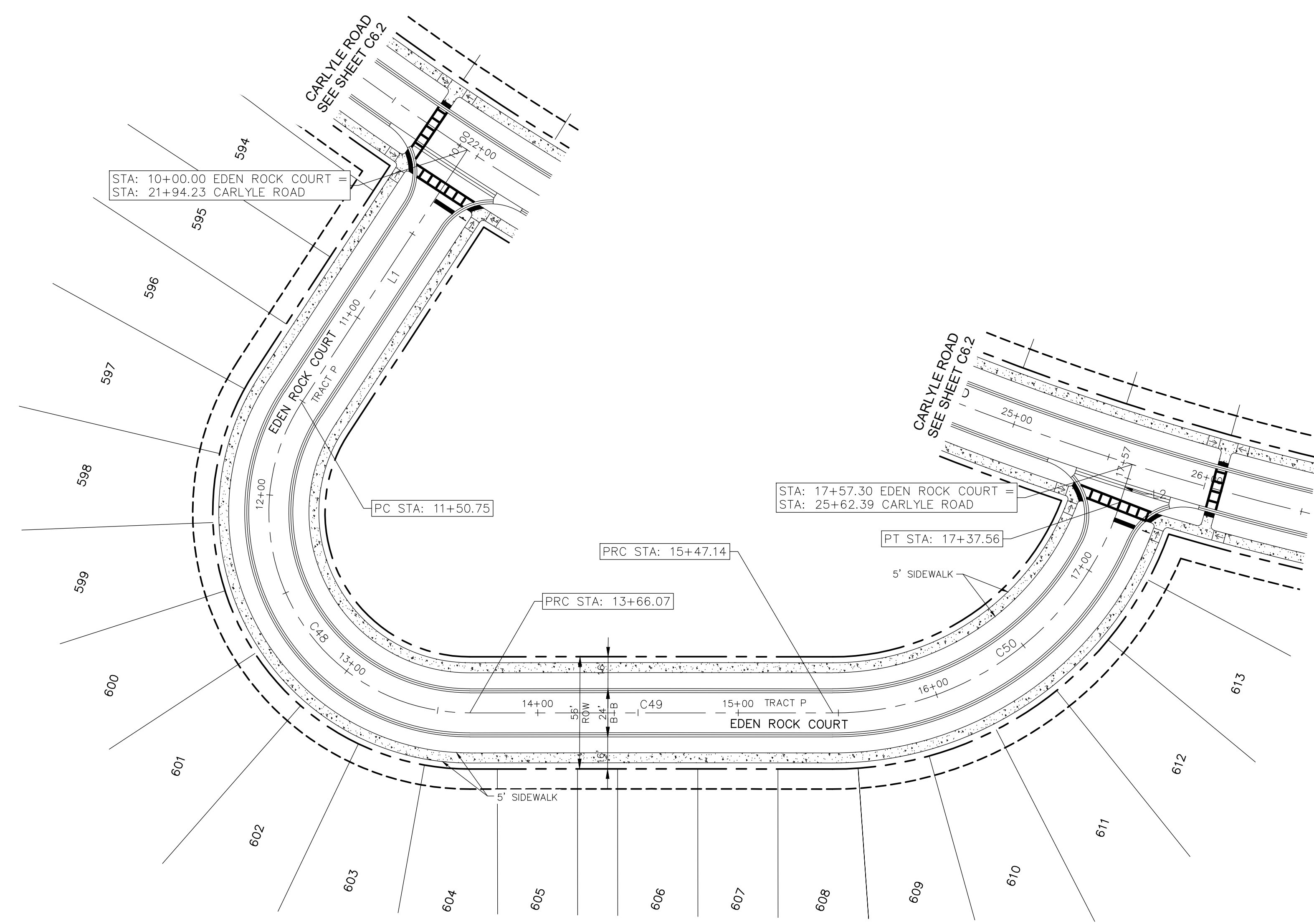
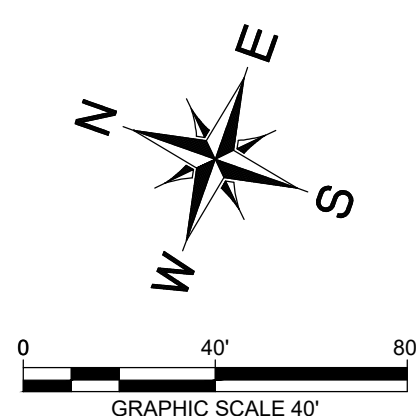


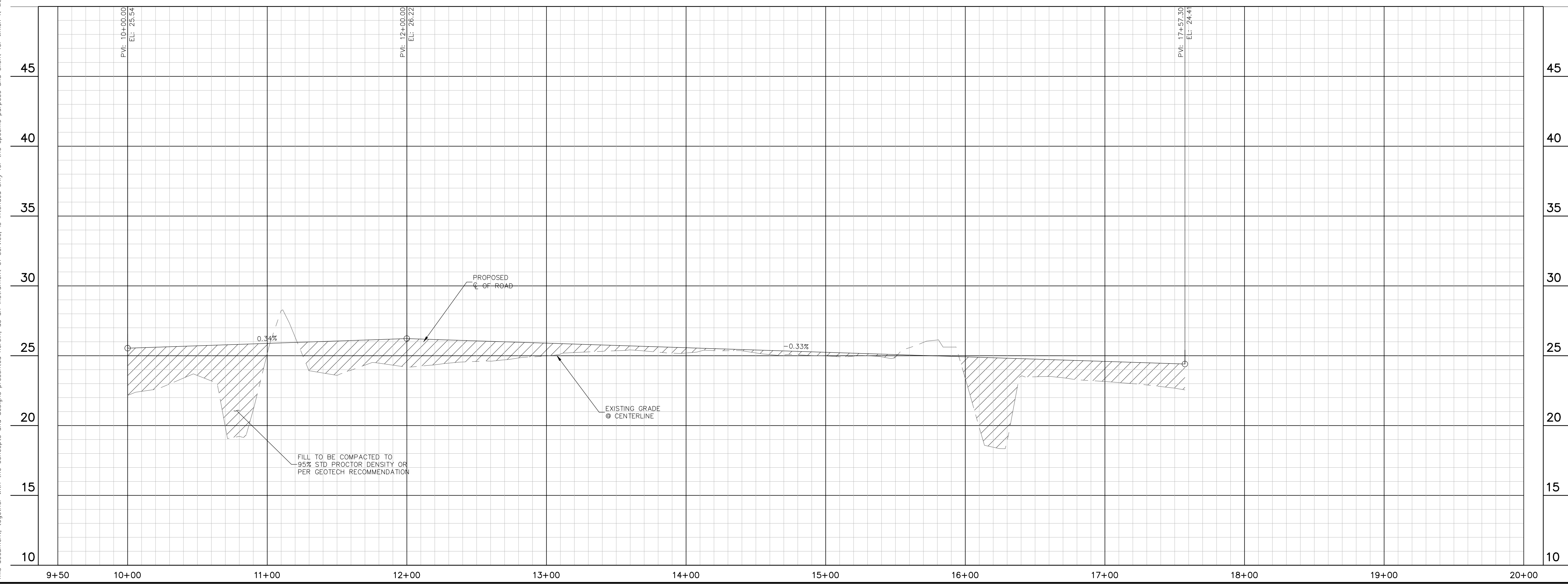
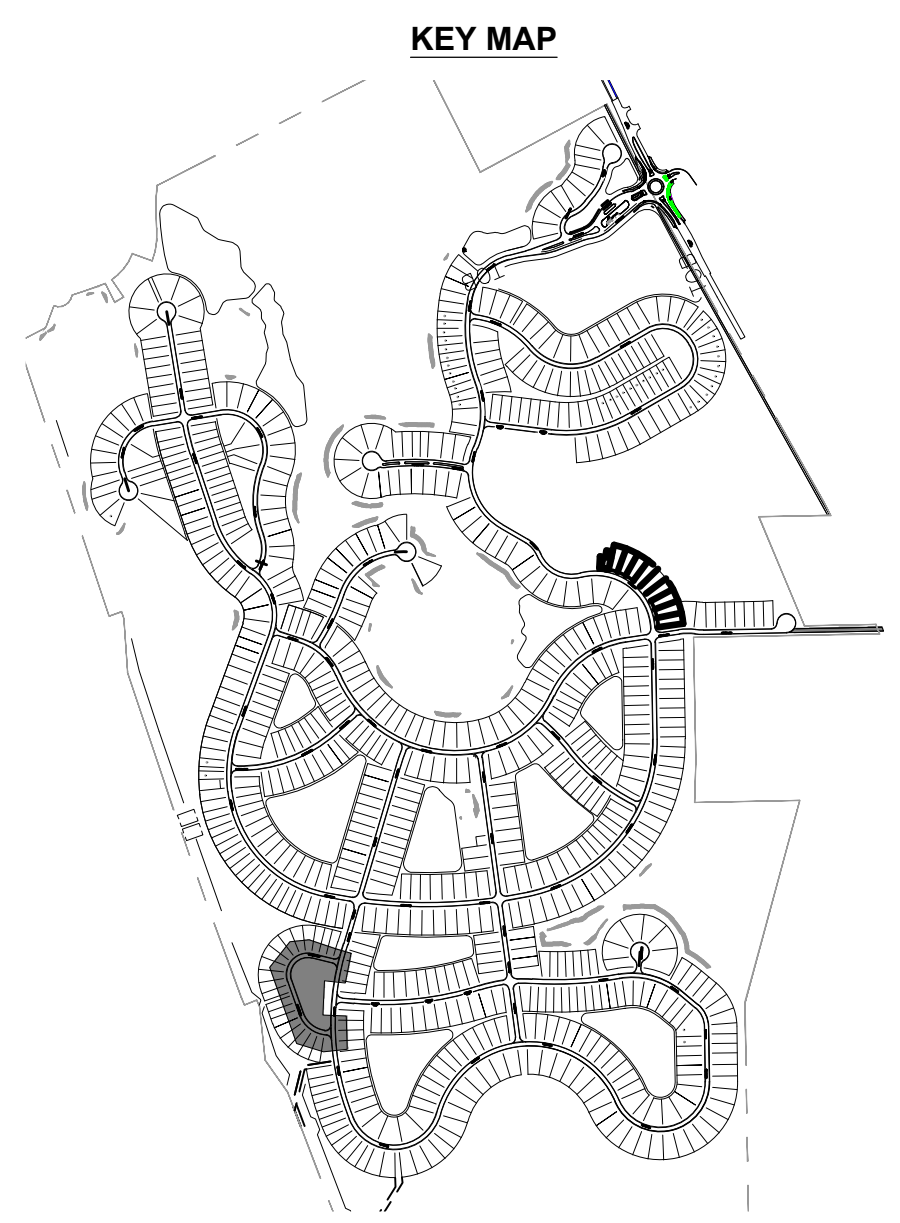
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EDEN ROCK COURT

CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C48	100.00'	215.32'	S42°04'37"W	176.07'	123°21'59"	185.59'
C49	37419.00'	181.07'	S19°28'03"E	181.07'	0°16'38"	90.53'
C50	150.00'	190.42'	S55°41'48"E	177.89'	72°44'08"	110.46'

LINE TABLE		
LINE	LENGTH	BEARING
L1	150.75	N76°14'23.27"W
L2	19.74	N87°56'07.82"E



REVISIONS		DATE	BY
No.			

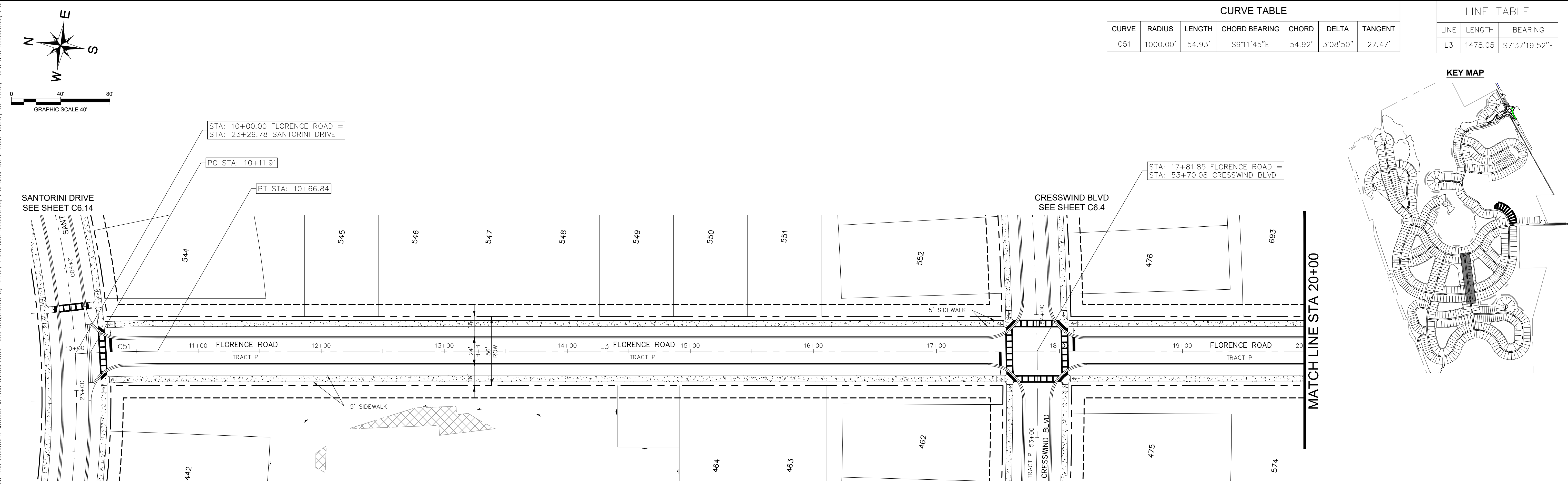
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 200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801  
 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM  
 REGISTRY No. 696

LICENSED PROFESSIONAL  
 CORY N. SILER, P.E.  
 FLORIDA LICENSE NUMBER  
 89984  
 DATE: 08/28/2024

KHA PROJECT  
 249027001  
 DATE  
 08/28/2024  
 SCALE: AS SHOWN  
 DESIGNED BY: CNS  
 DRAWN BY: MIM  
 CHECKED BY: CNS

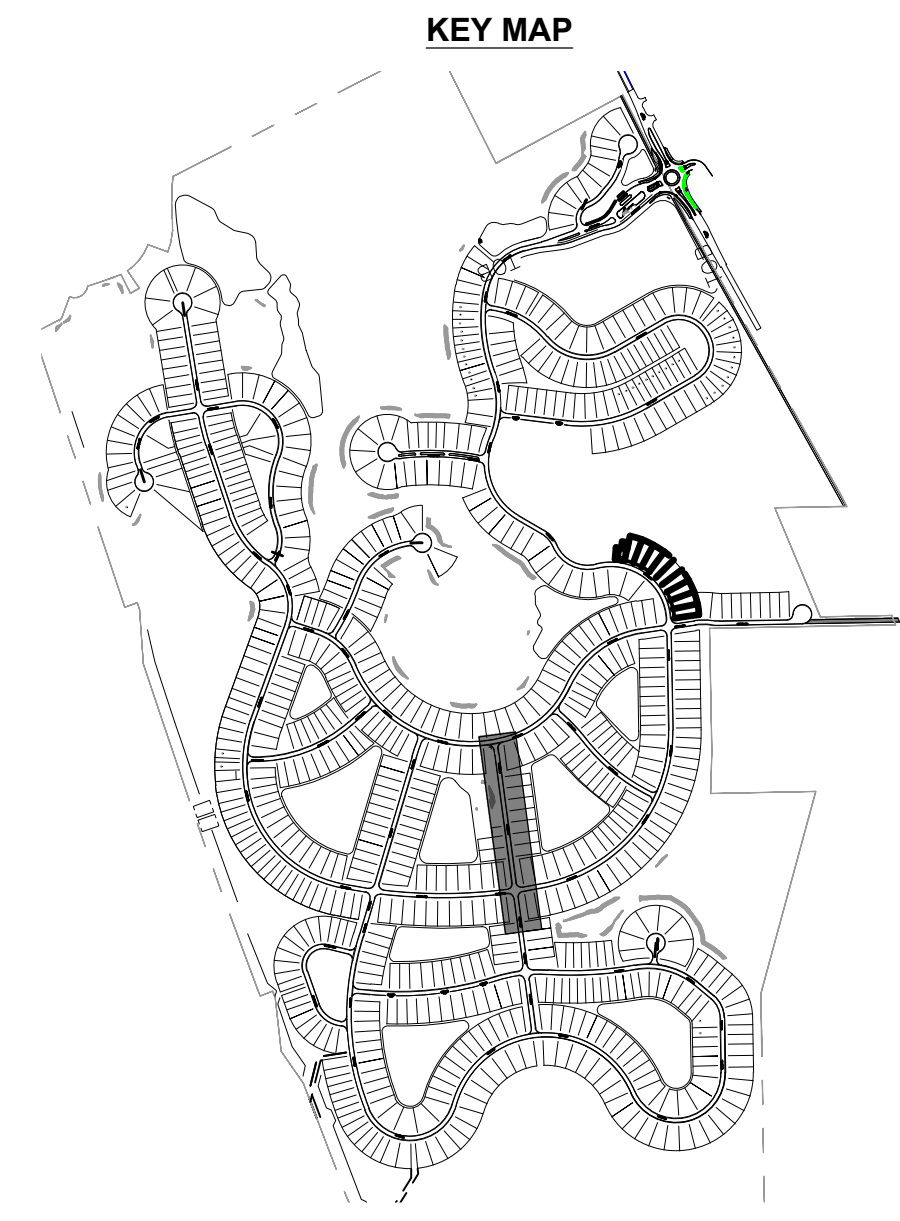
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 FLORIDA  
 FLAGLER COUNTY  
 SHEET NUMBER  
**C6.25**

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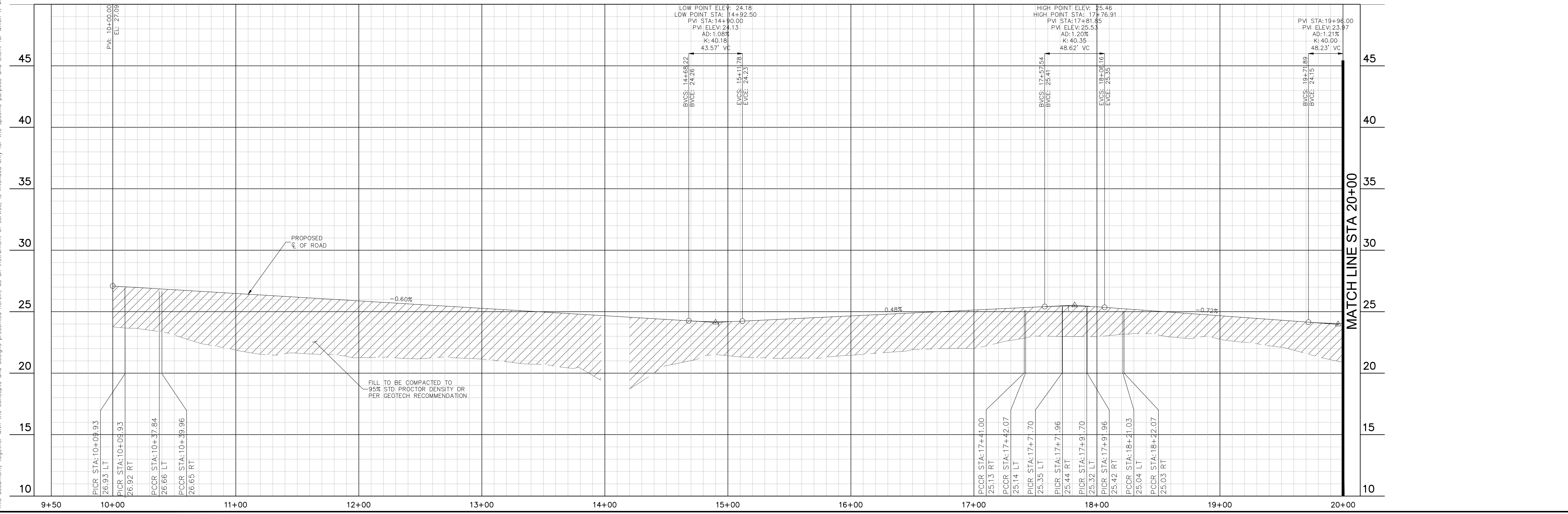


CURVE TABLE						
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LINE TABLE		
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L3	1478.05	S7°37'19.52"E

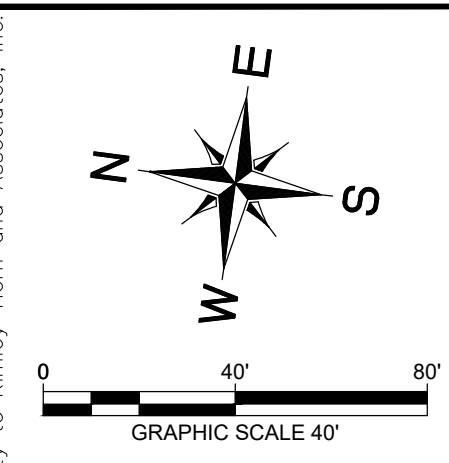


### FLORENCE ROAD

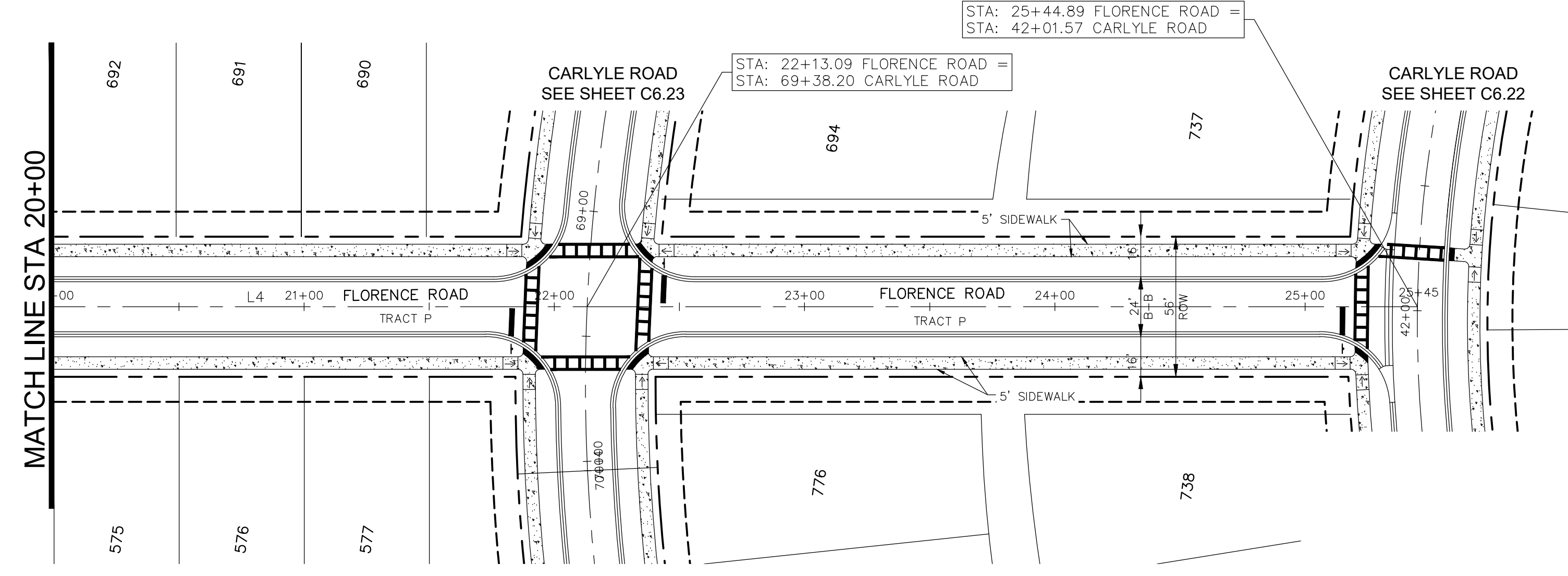


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	REGISTRY No. 696	REVISIONS No.	BY
<b>KHA PROJECT</b> 249027001	<b>DATE</b> 08/28/2024	<b>PAVING PLAN &amp; PROFILE -</b> <b>FLORENCE ROAD</b>	
SCALE: AS SHOWN DESIGNED BY: CNS DRAWN BY: MMM CHECKED BY: CNS	DATE: 08/28/2024	<b>CRESSWIND AT FLAGLER BEACH</b> FLORIDA	
<b>SHEET NUMBER</b> <b>C6.26</b>			

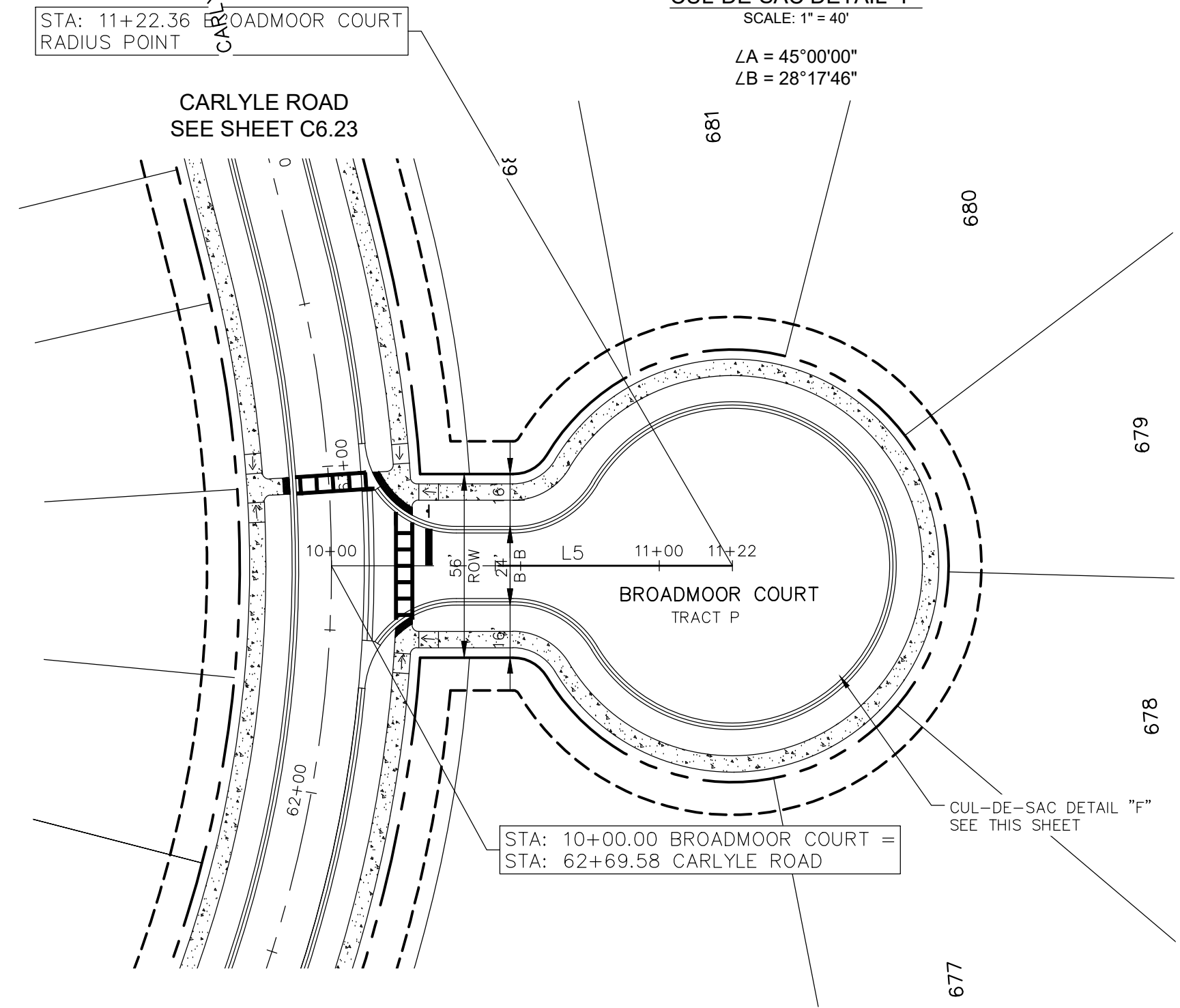
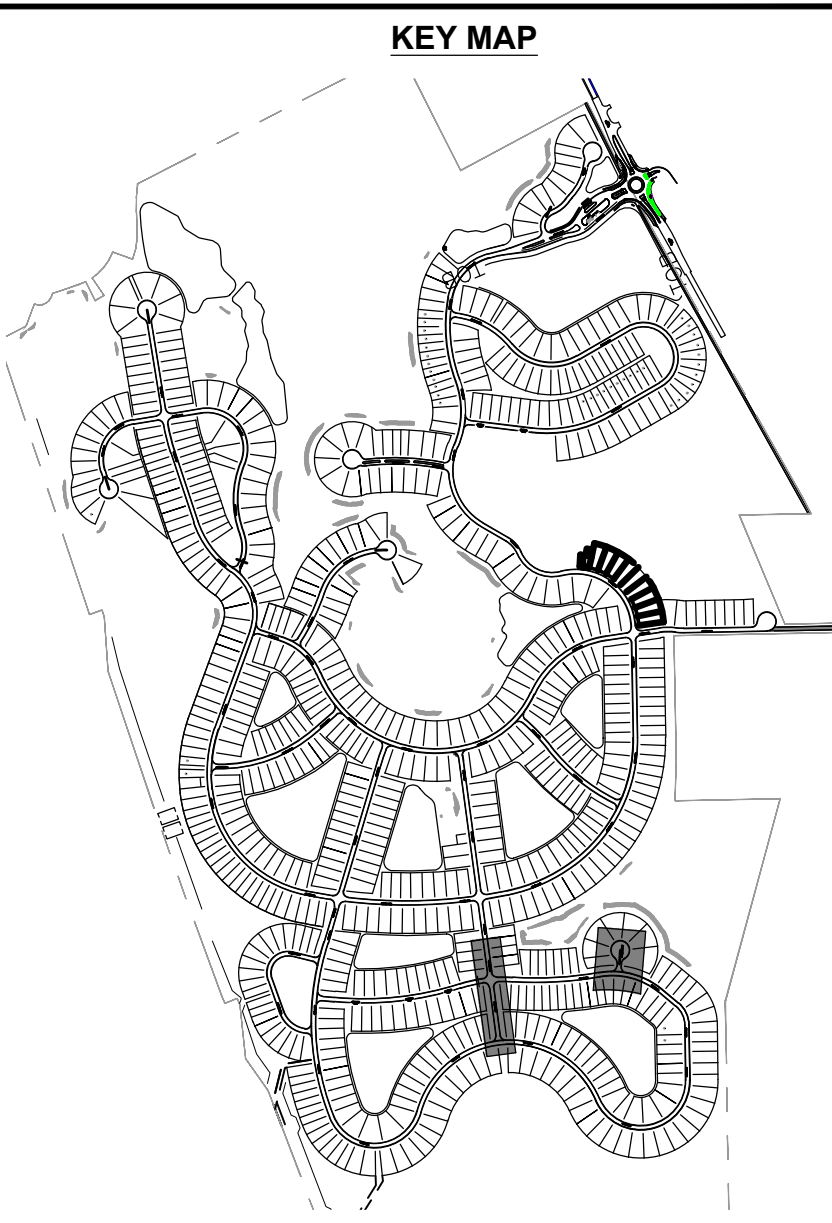
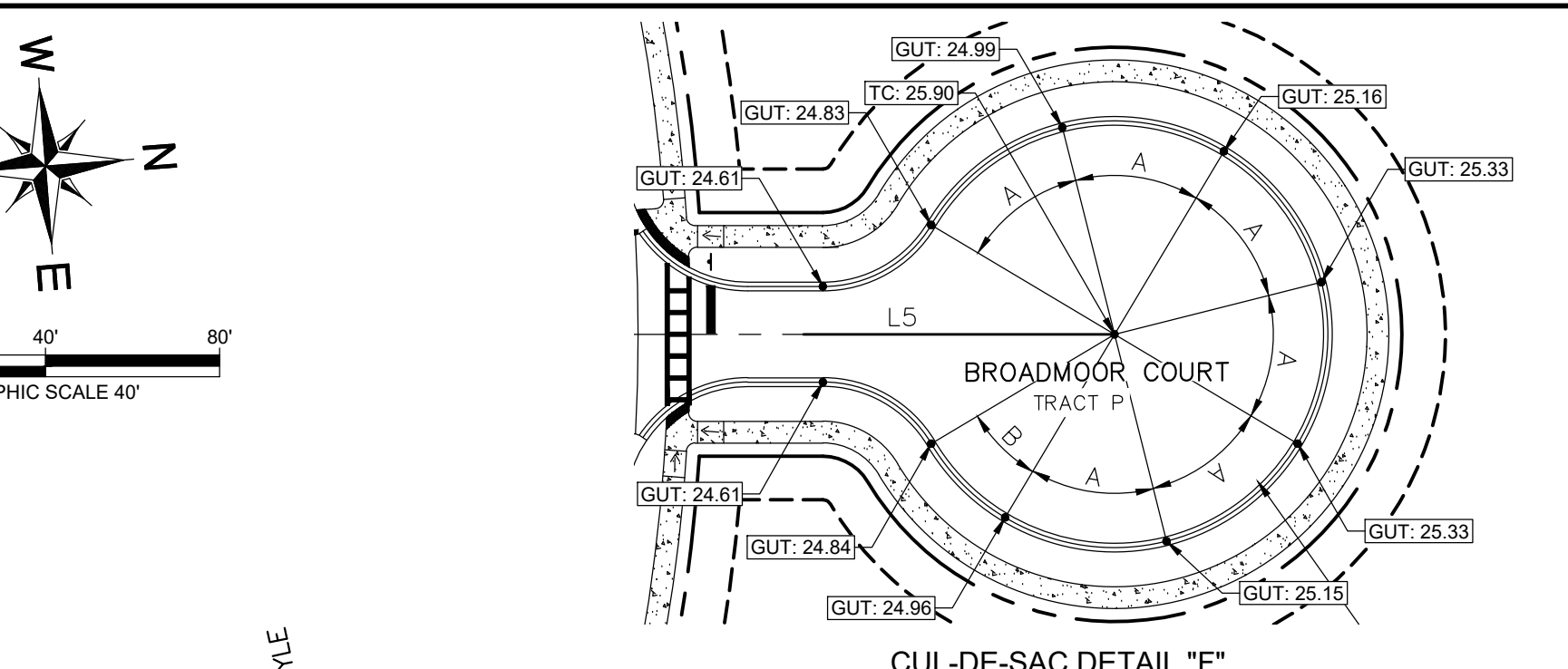
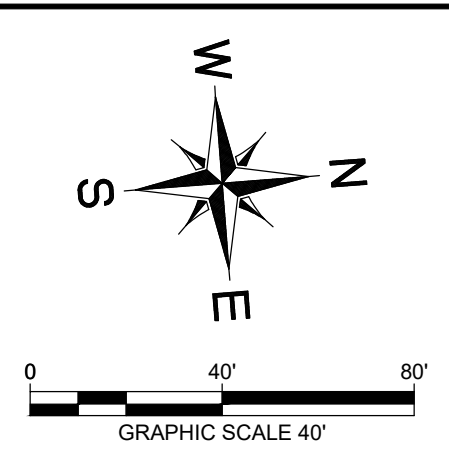
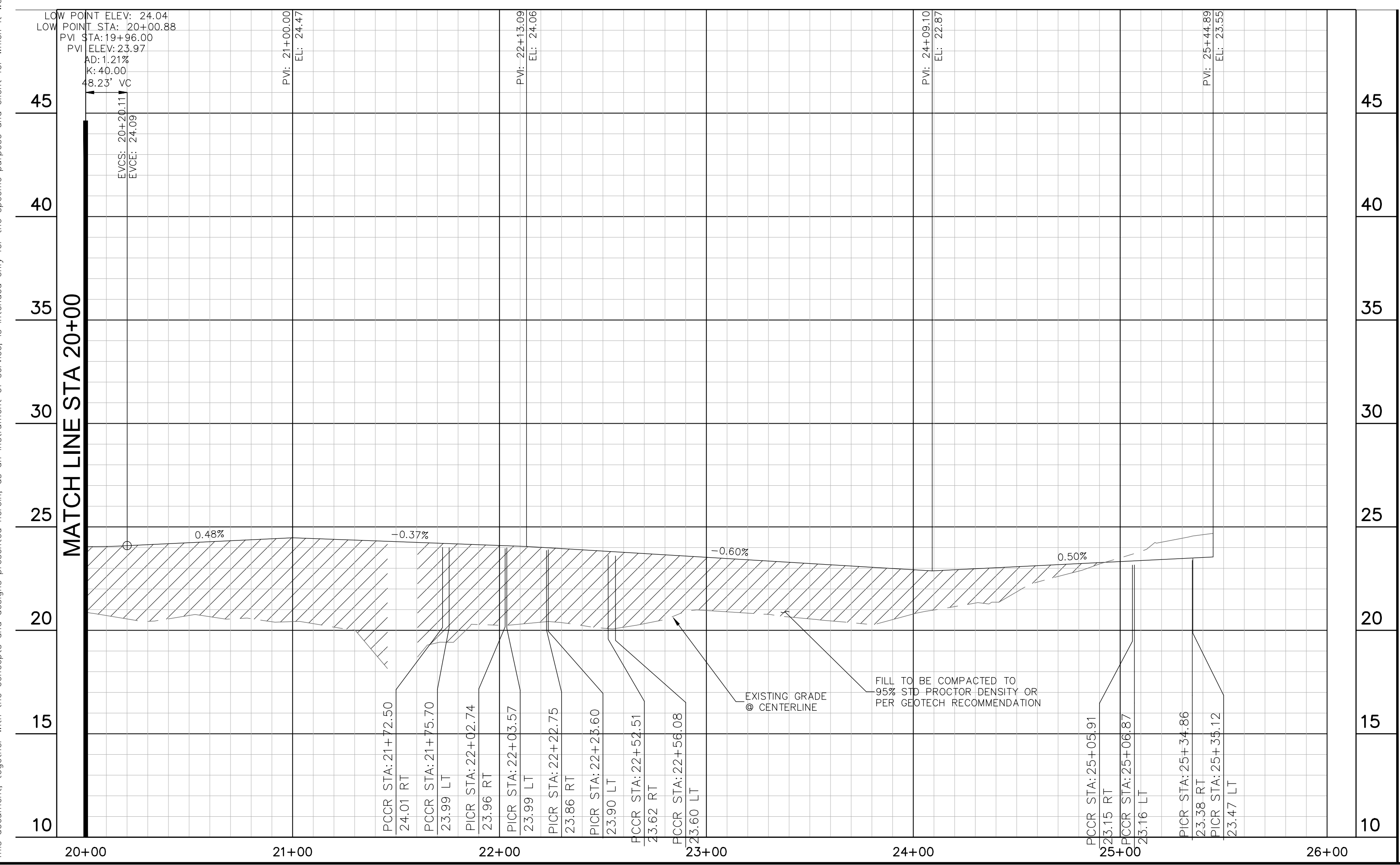
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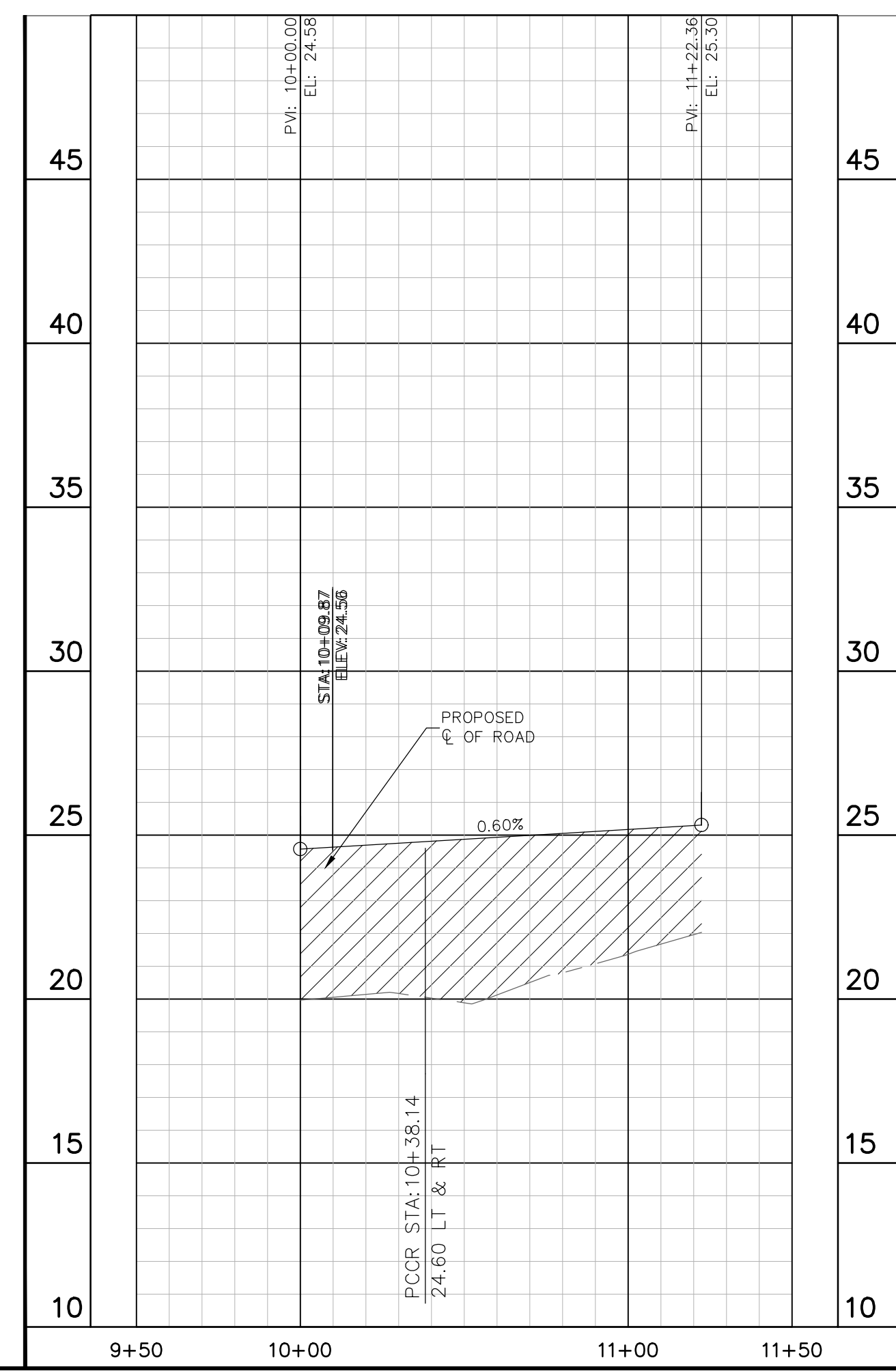
LINE	LENGTH	BEARING
L4	1478.05	S7°37'19.52"E
L5	122.36	N4°28'09.01"E



FLORENCE ROAD

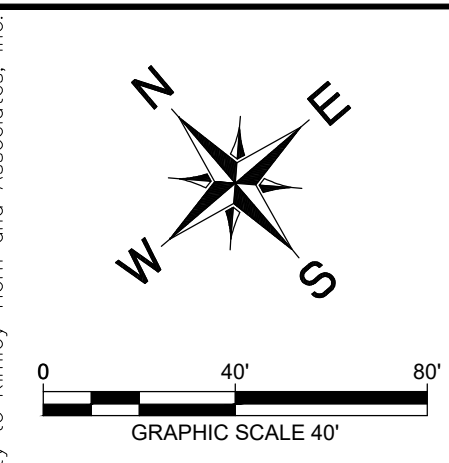


BROADMOOR COURT



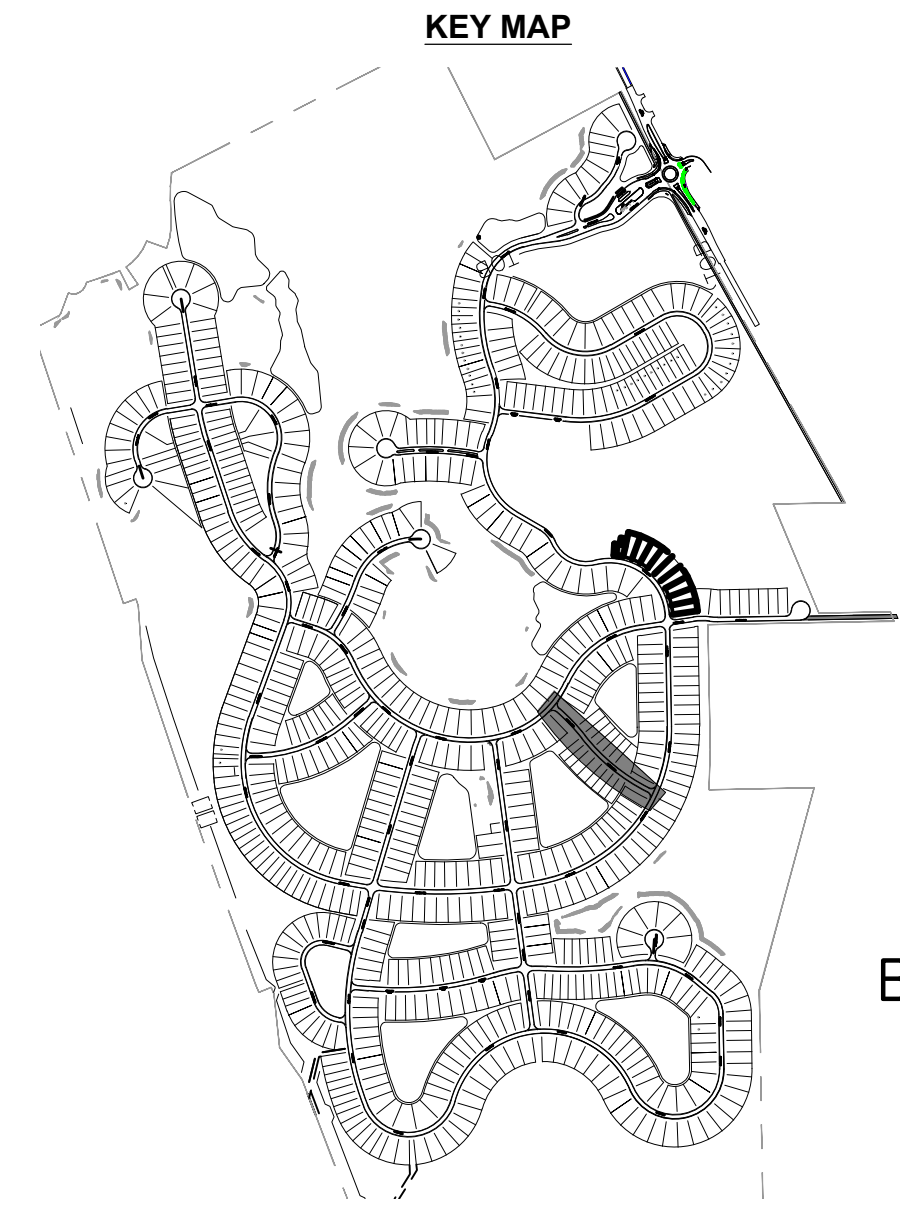
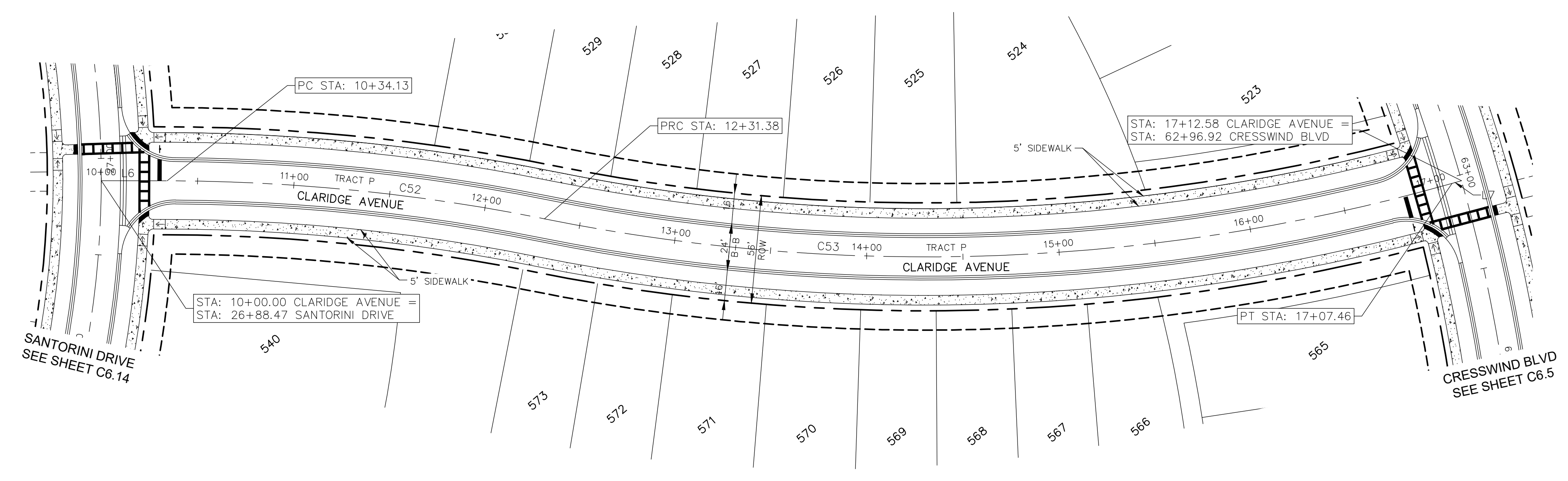
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		DATE: 08/28/2024													
KHA PROJECT 249027001		DATE 08/28/2024													
SCALE: AS SHOWN		DESIGNED BY: CNS DRAWN BY: MIM CHECKED BY: CNS													
CRESSWIND AT FLAGLER BEACH		FLORIDA													
PAVING PLAN & PROFILE - FLORENCE ROAD & BROADMOOR COURT		SHEET NUMBER <b>C6.27</b>													
FLAGLER COUNTY		REVISIONS <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>08/28/24</td> <td>KHA</td> </tr> <tr> <td>2</td> <td>06/19/24</td> <td>KHA</td> </tr> <tr> <td>3</td> <td>5/30/23</td> <td>KHA</td> </tr> </tbody> </table>		No.	DATE	BY	1	08/28/24	KHA	2	06/19/24	KHA	3	5/30/23	KHA
No.	DATE	BY													
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2	06/19/24	KHA													
3	5/30/23	KHA													

Plotted By: Busby, Mary, Date: August 26, 2024, 01:53:36pm, File Path: K:\ORL\Civil\249027001-Flagler\KHA\CADD\CONSTRY\PlanSheets\MASS GRADING - SOUTH\C6.4 - Paving P&P.dwg  
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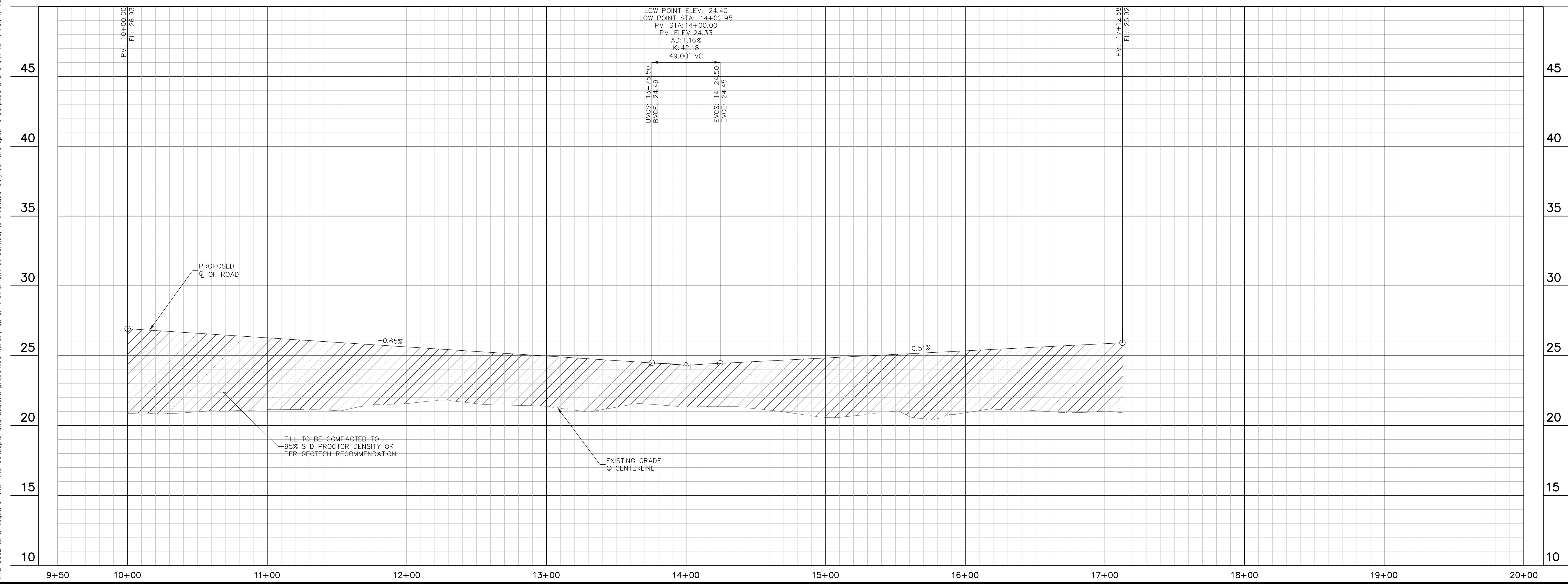


CURVE TABLE						
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C52	1000.00'	197.25'	S43°41'49"E	196.93'	11°18'05"	98.95'
C53	1000.00'	476.08'	S51°41'06"E	471.60'	27°16'39"	242.64'

LINE TABLE		
LINE	LENGTH	BEARING
L6	34.13	S49°20'51.98"E
L7	5.12	S65°19'25.83"E



CLARIDGE AVENUE

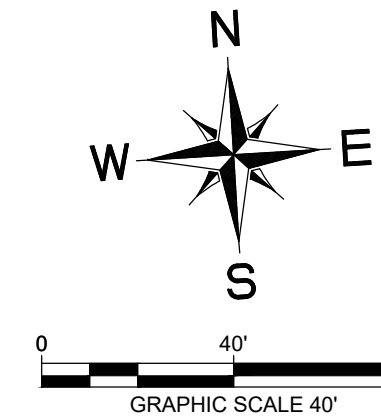
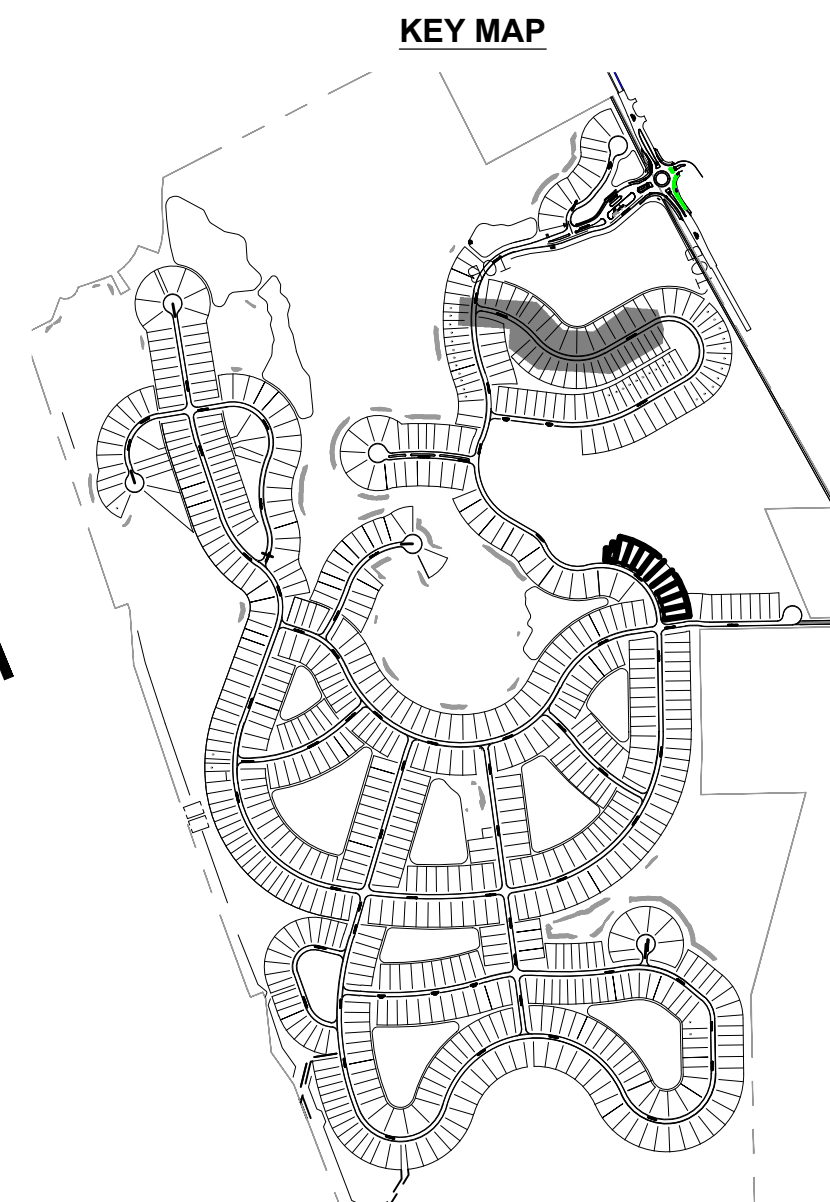
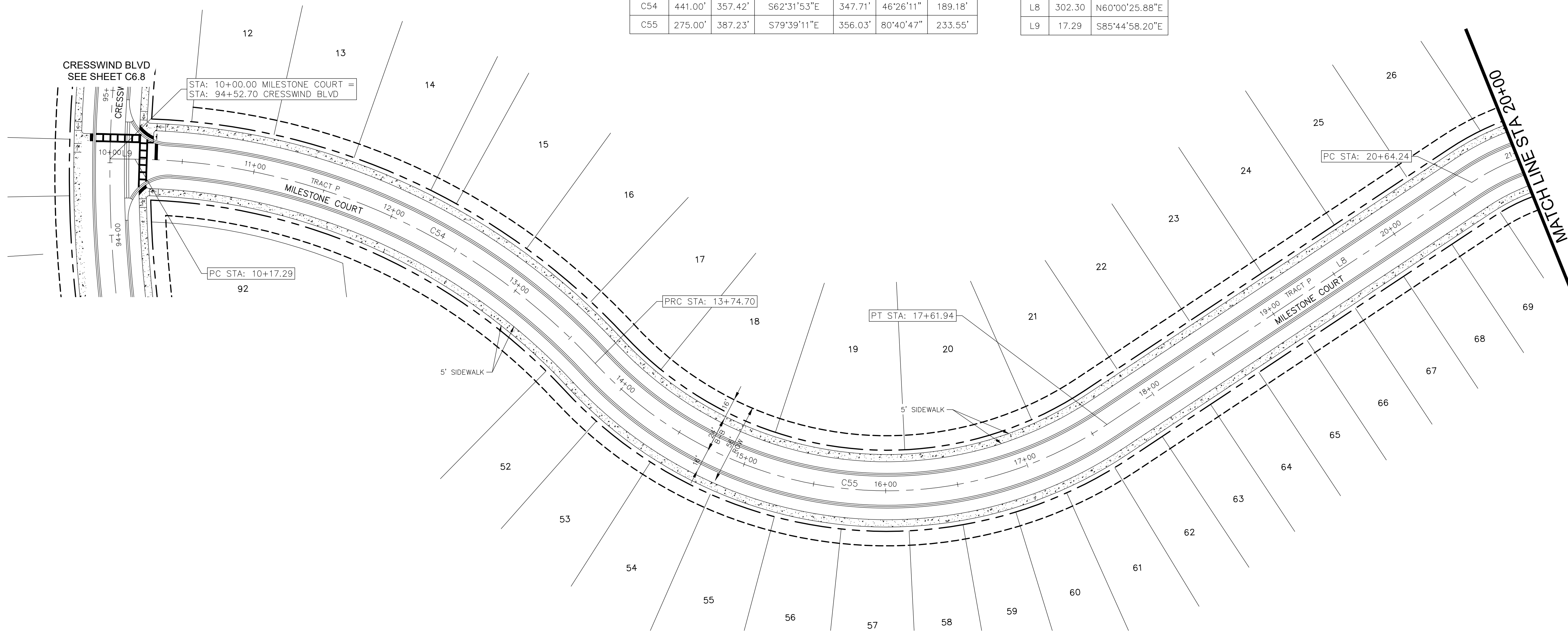


		COUNTY COMMENTS #3 COUNTY COMMENTS #2 COUNTY COMMENTS #1		DATE BY
		08/28/24 KHA 06/19/24 KHA 5/30/23 KHA		No.
<b>Kimley-Horn</b> <small>© 2024 KIMLEY-HORN AND ASSOCIATES, INC.          200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801          PHONE: 407-898-1511          WWW.KIMLEY-HORN.COM          REGISTRY No. 696</small>		LICENSED PROFESSIONAL CORY N. SITLER, P.E. FLORIDA LICENSE NUMBER 89984		REVISIONS
KHA PROJECT 249027001		DATE 08/28/2024		DATE: 08/28/2024
SCALE: AS SHOWN		DESIGNED BY: CNS		CHECKED BY: CNS
DRAWN BY: MIM		DATE: 08/28/2024		
<b>CRESSWIND AT FLAGLER BEACH</b> FLORIDA		<b>PAVING PLAN &amp; PROFILE - CLARIDGE AVENUE</b>		
SHEET NUMBER <b>C6.28</b>				

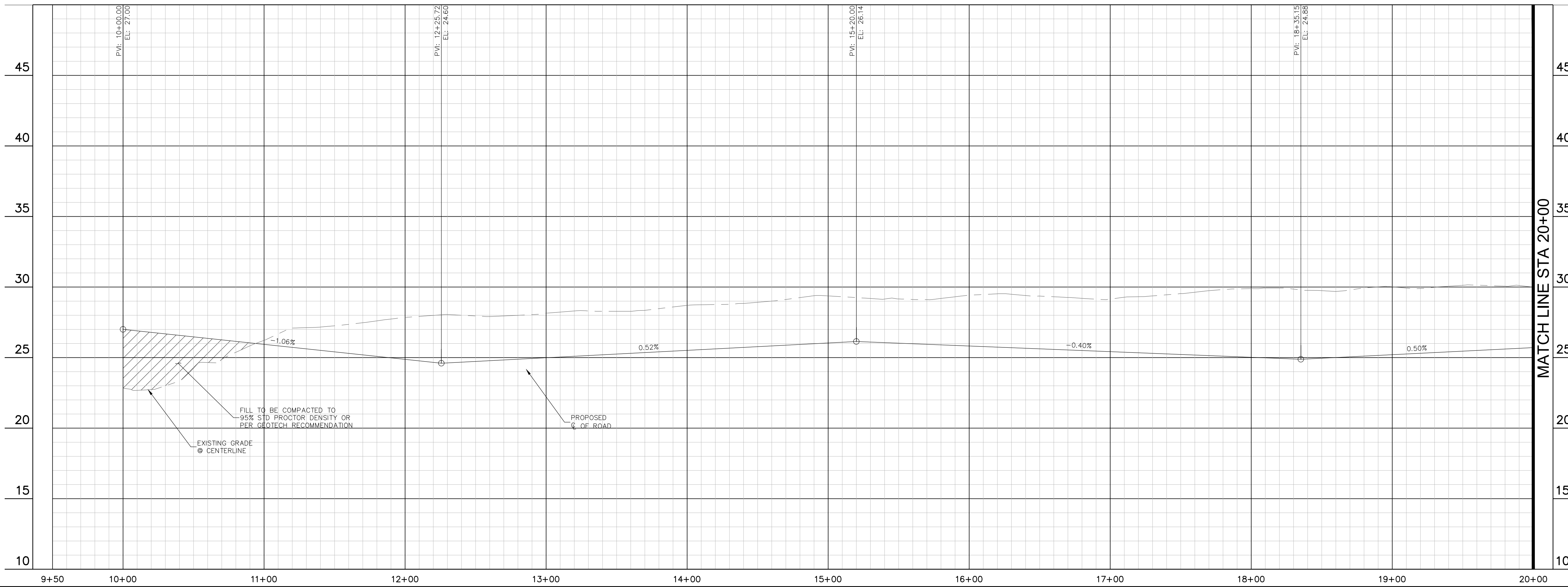
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CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C54	441.00'	357.42'	S62°31'53"E	347.71'	46°26'11"	189.18'
C55	275.00'	387.23'	S79°39'11"E	356.03'	80°40'47"	233.55'

LINE TABLE		
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L8	302.30	N60°00'25.88"E
L9	17.29	S85°44'58.20"E

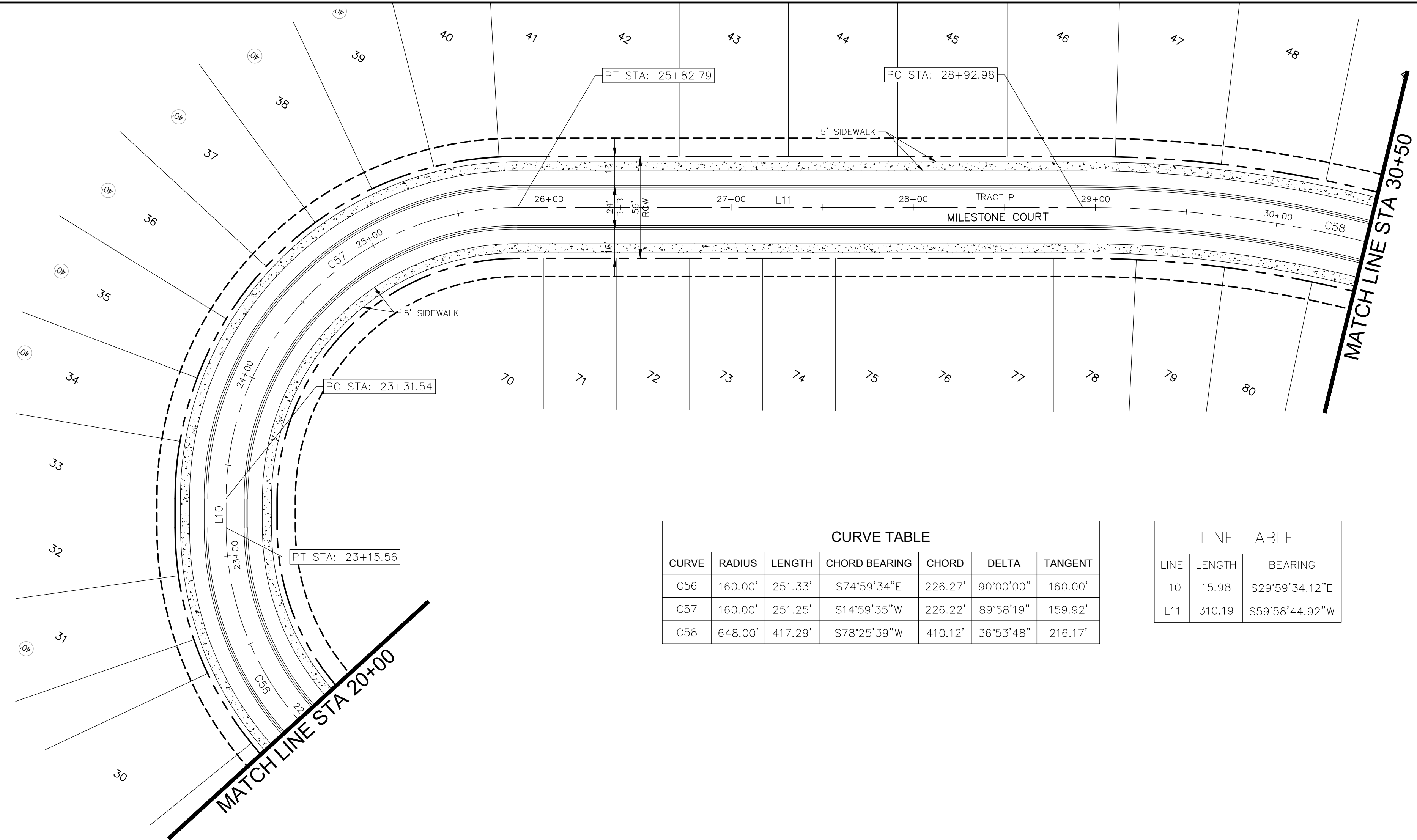
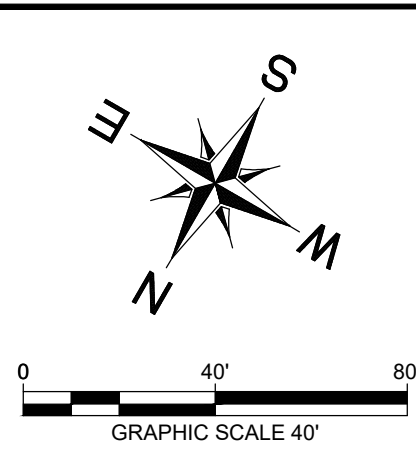


MILESTONE COURT



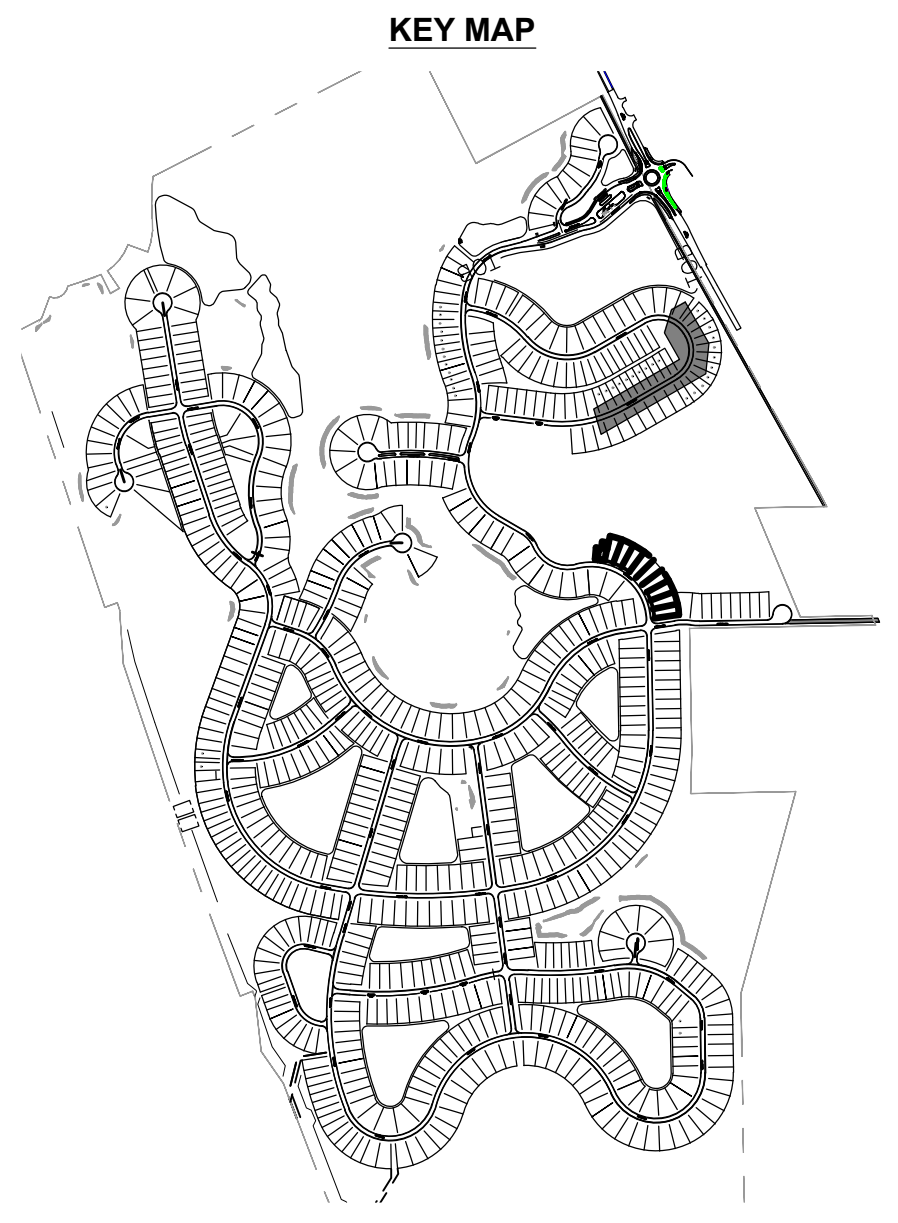
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		COUNTY COMMENTS #3 COUNTY COMMENTS #2 COUNTY COMMENTS #1	
KHA PROJECT 249027001 DATE 08/28/2024 SCALE AS SHOWN DESIGNED BY CNS DRAWN BY MIM CHECKED BY CNS		REVISIONS No. DATE BY	
CRESSWIND AT FLAGLER BEACH FLORIDA		PAVING PLAN & PROFILE - MILESTONE	
SHEET NUMBER <b>C6.29</b>			

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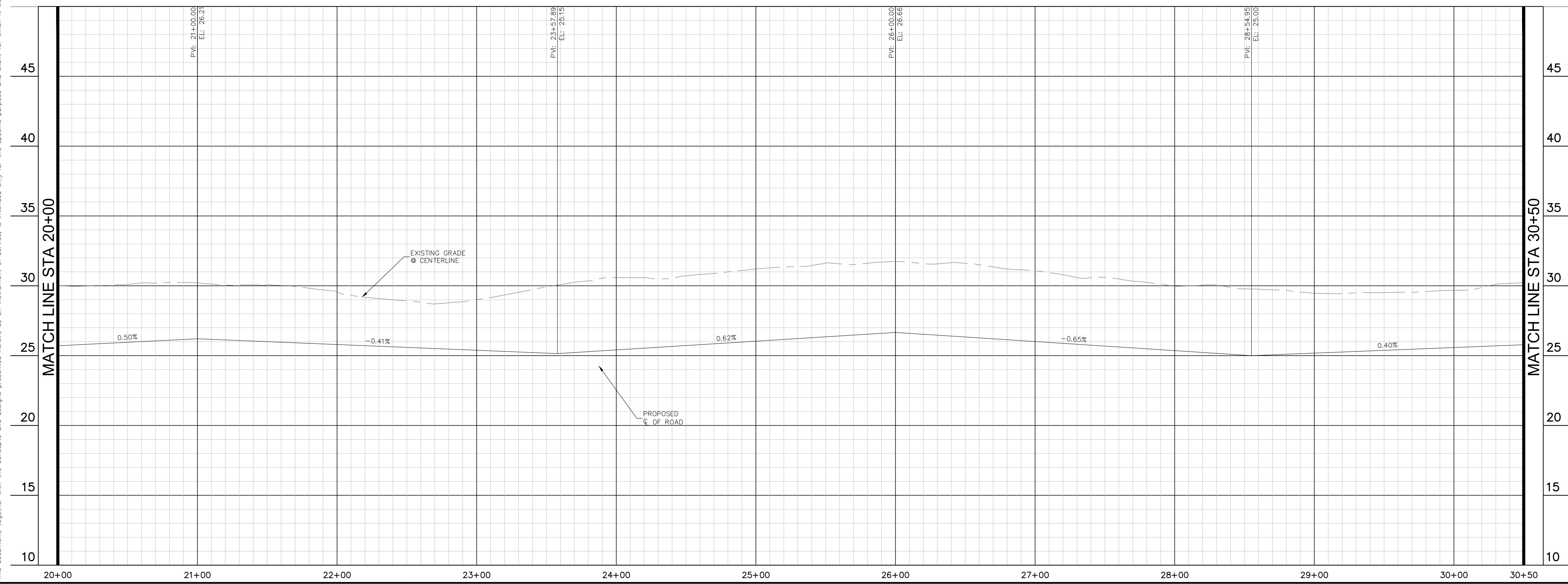


CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C56	160.00'	251.33'	S74°59'34"E	226.27'	90°00'00"	160.00'
C57	160.00'	251.25'	S14°59'35"W	226.22'	89°58'19"	159.92'
C58	648.00'	417.29'	S78°25'39"W	410.12'	36°53'48"	216.17'

LINE TABLE		
LINE	LENGTH	BEARING
L10	15.98	S29°59'34.12"E
L11	310.19	S59°58'44.92"W

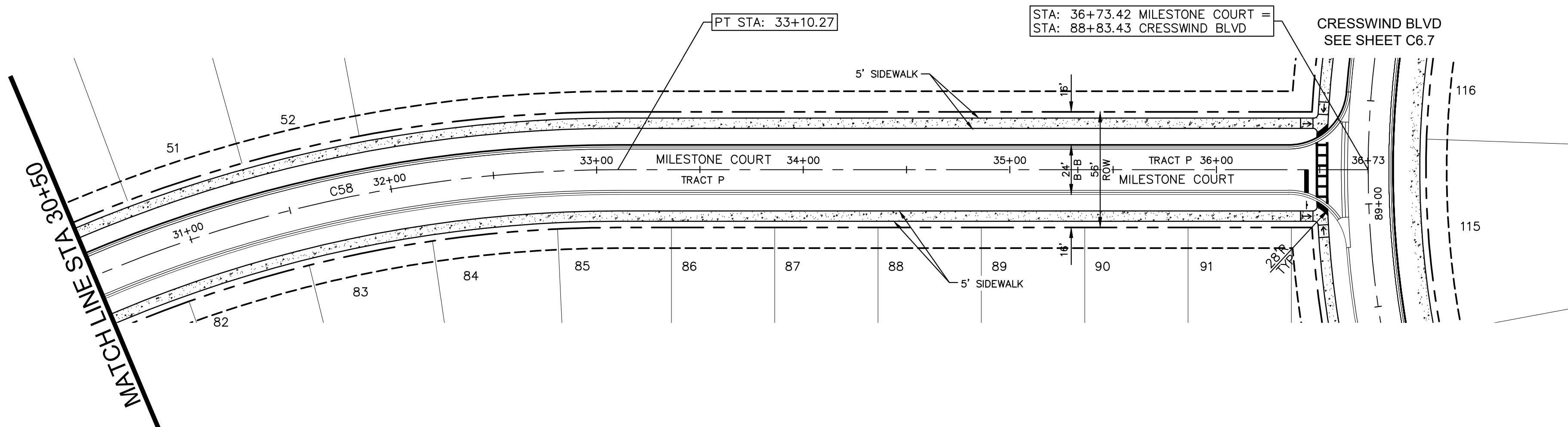
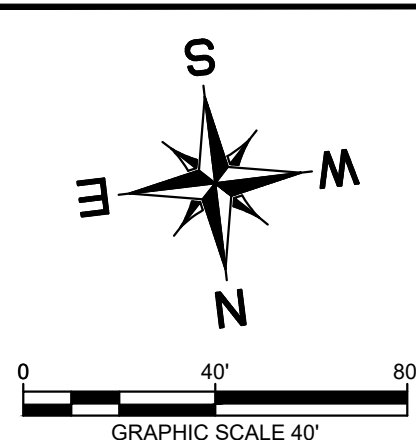


MILESTONE COURT

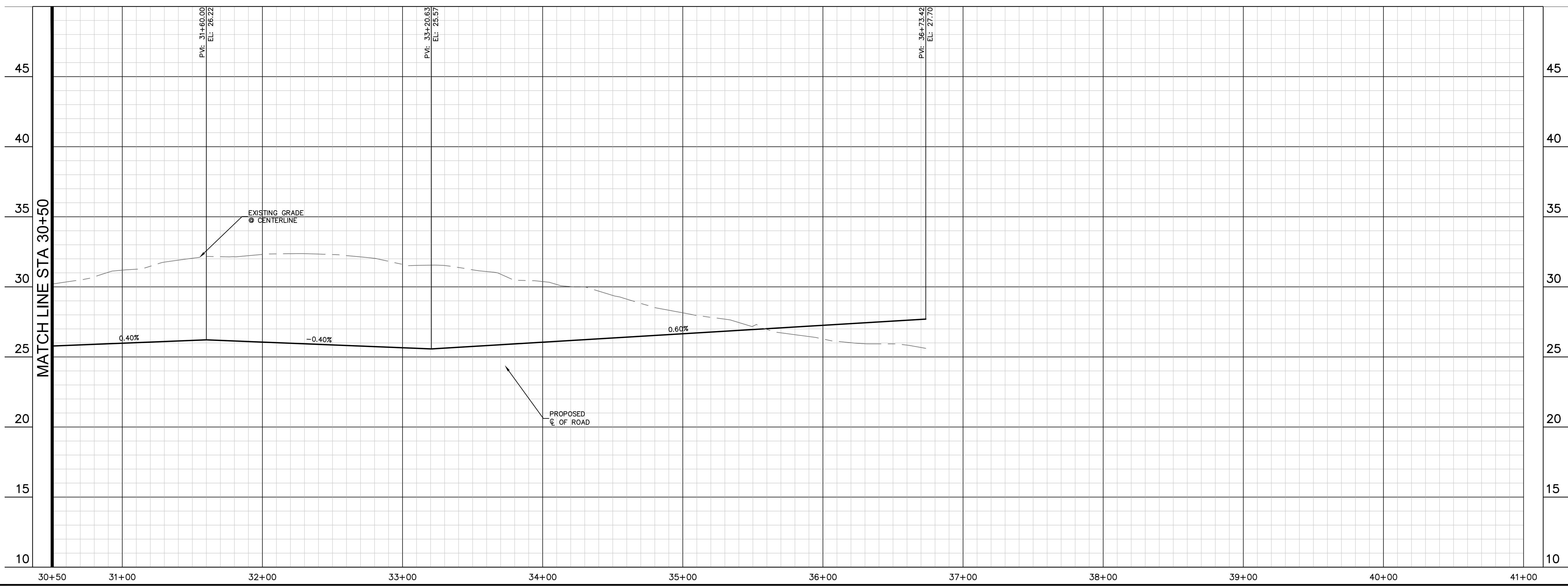


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<b>CRESSWIND AT FLAGLER BEACH</b> FLORIDA		<b>PAVING PLAN &amp; PROFILE - MILESTONE</b>		REGISTRY No. 696
SHEET NUMBER <b>C6.30</b>		DATE 08/28/2024		CHECKED BY: CNS
KHA PROJECT 249027001		SCALE: AS SHOWN DESIGNED BY: CNS DRAWN BY: MIM		DATE: 08/28/2024

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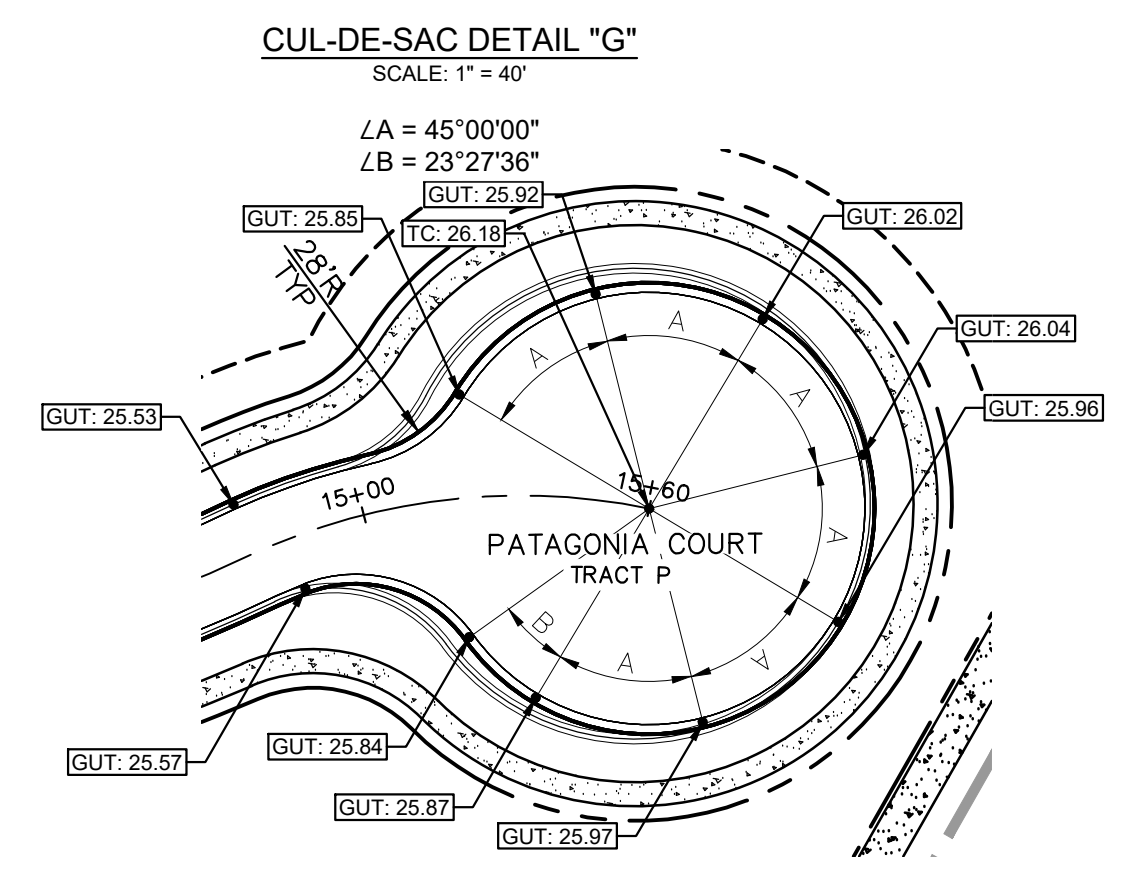
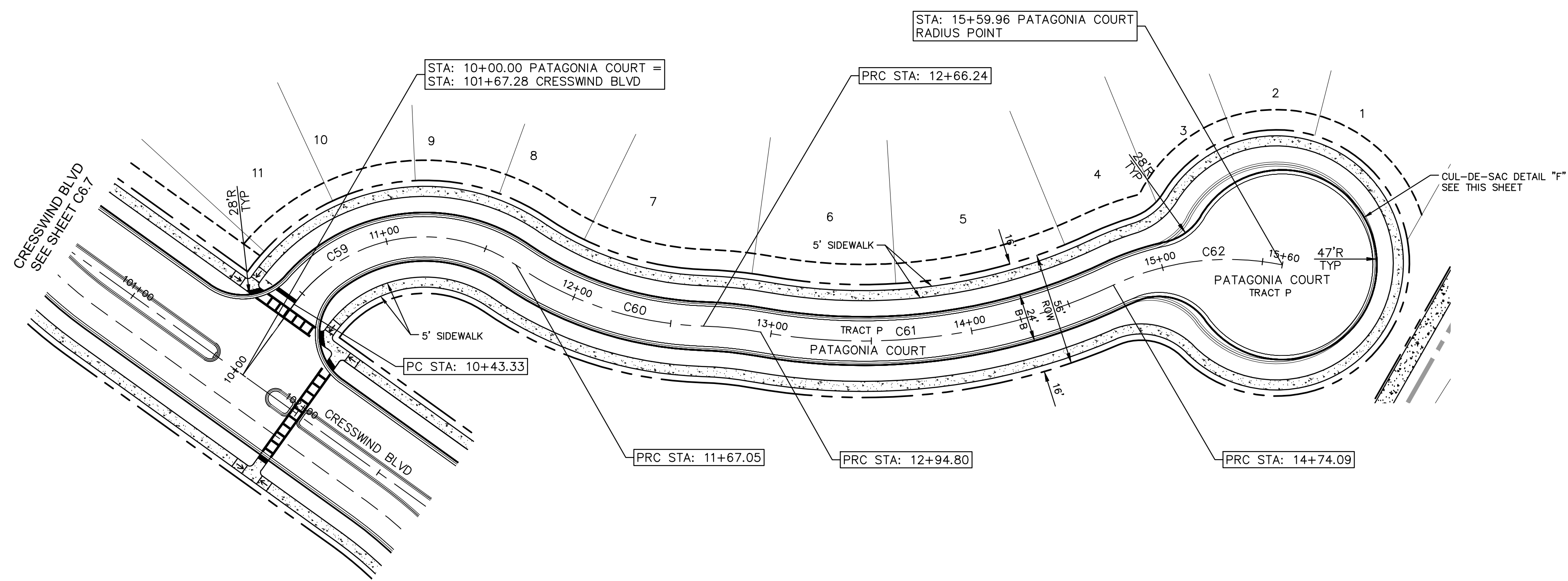
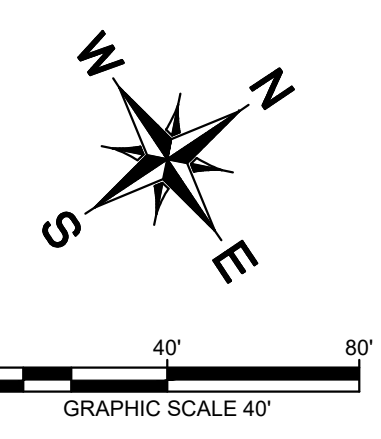


MILESTONE COURT

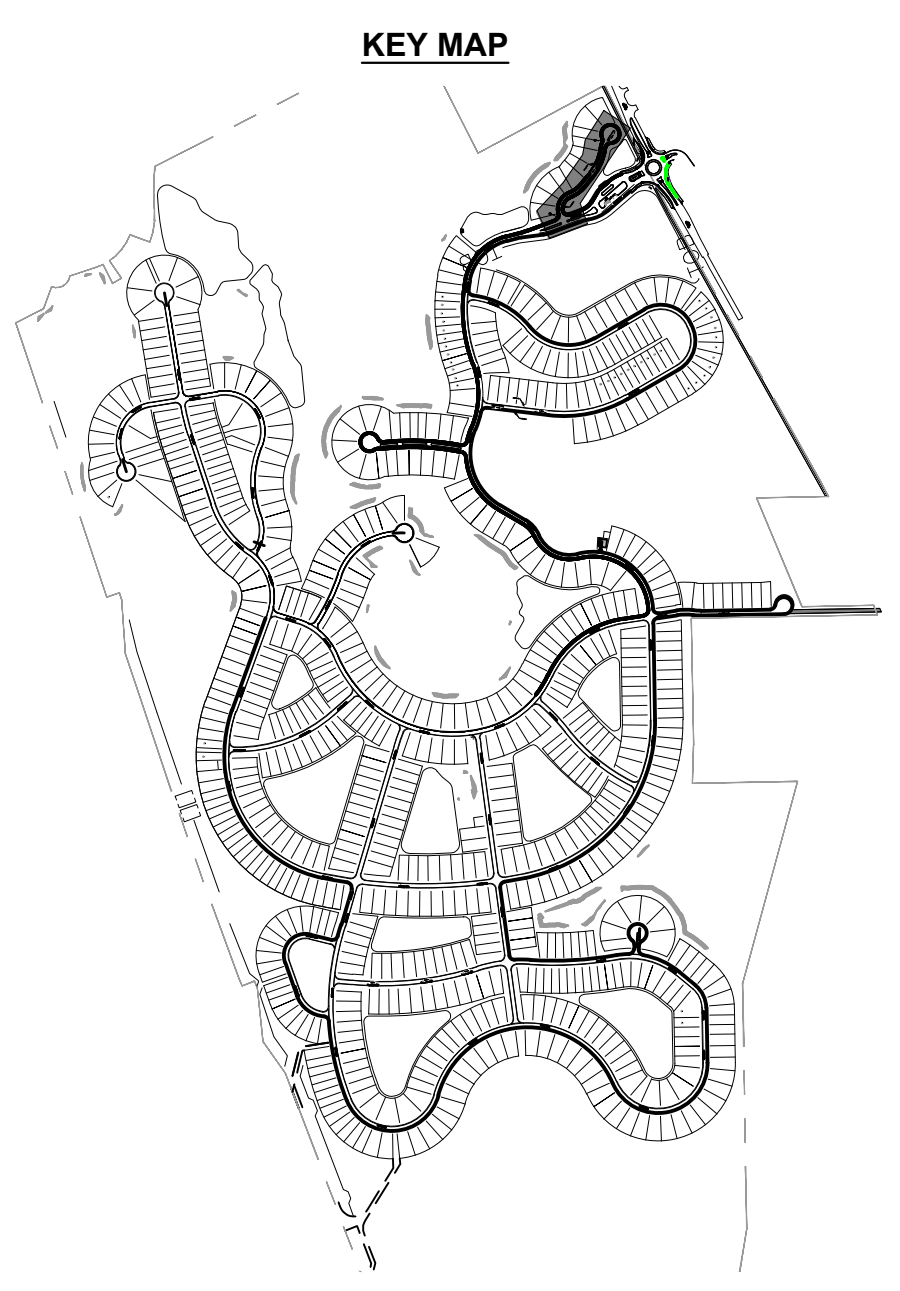


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KHA PROJECT 249027001 DATE 08/28/2024 SCALE AS SHOWN DESIGNED BY: CNS DRAWN BY: MIM CHECKED BY: CNS		COUNTY COMMENTS #3 08/28/24 KHA COUNTY COMMENTS #2 06/19/24 KHA COUNTY COMMENTS #1 5/30/23 KHA	
CRESSWIND AT FLAGLER BEACH FLORIDA		REVISIONS No. BY DATE	
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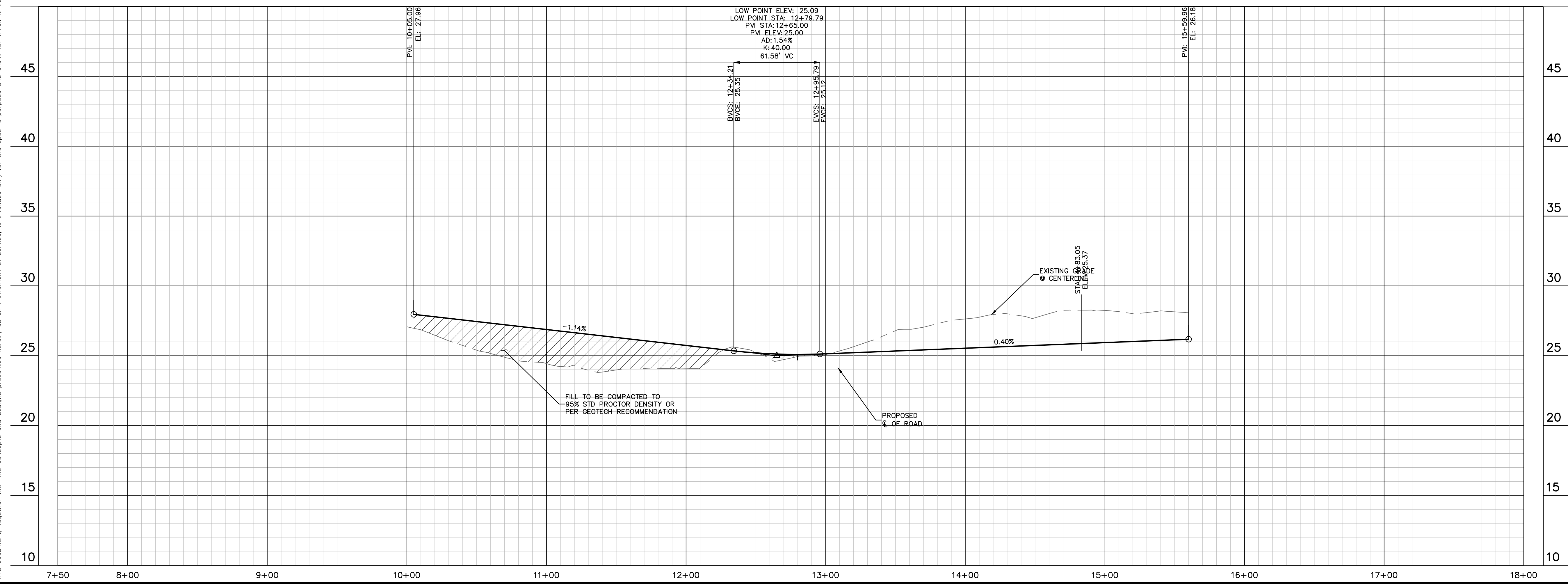
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CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C59	80.00'	123.72'	N23°42'32"E	111.76'	88°36'36"	78.08'
C60	175.00'	99.19'	N51°46'33"E	97.87'	32°28'33"	50.97'
C61	292.00'	179.29'	N26°07'45"E	176.49'	35°10'47"	92.57'
C62	134.00'	85.87'	N26°53'50"E	84.41'	36°42'59"	44.47'



PATAGONIA COURT



No.	REVISIONS	DATE
1	COUNTY COMMENTS #3	08/28/24 KHA
2	COUNTY COMMENTS #2	06/19/24 KHA
3	COUNTY COMMENTS #1	5/30/23 KHA

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 REGISTRY No. 696

LICENSED PROFESSIONAL	CORY N. SITLER, P.E.
FLORIDA LICENSE NUMBER	89984
DATE	08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MIM

CHECKED BY: CNS

PAVING PLAN & PROFILE -  
PATAGONIA COURT

CRESSWIND AT FLAGLER  
BEACH

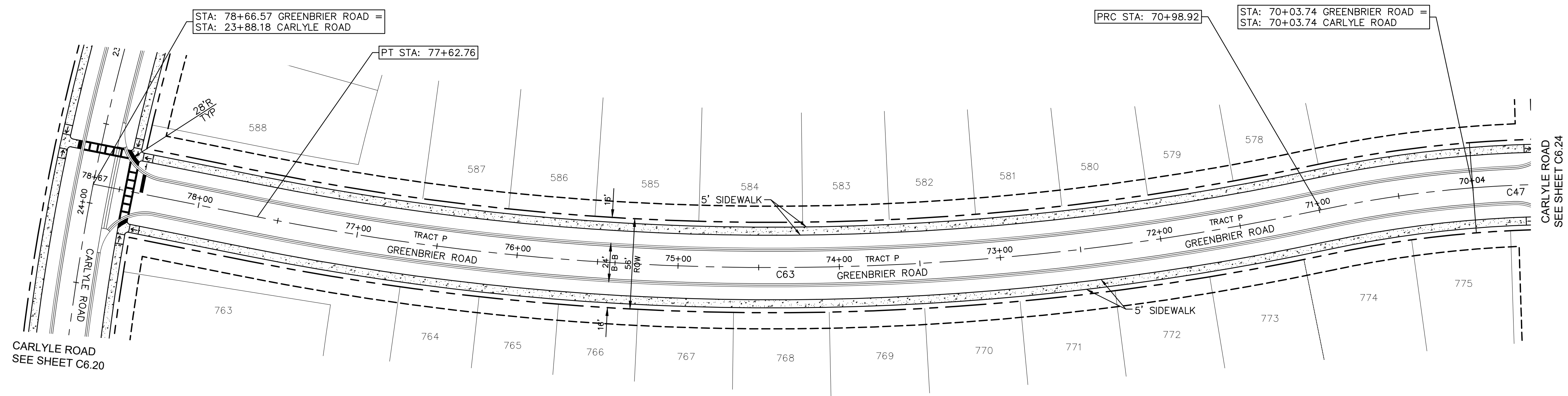
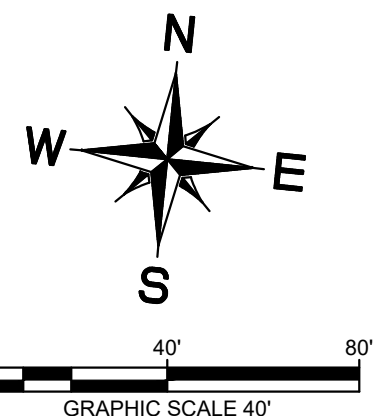
FLORIDA

FLAGLER COUNTY

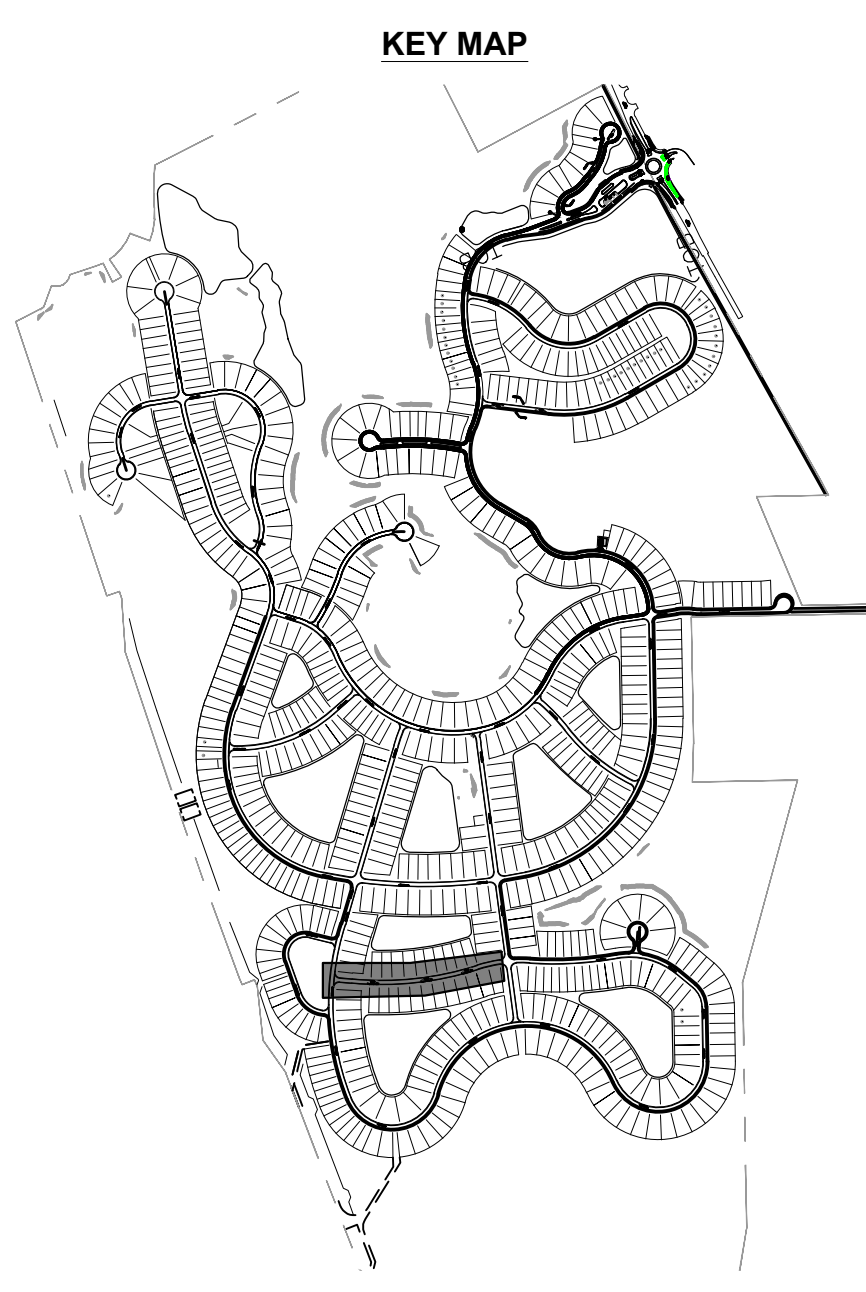
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CURVE TABLE						
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C47	730.00'	180.69'	S86°44'11"W	180.23'	14°10'54"	90.81'
C63	1636.00'	663.84'	S83°47'57"W	659.30'	23°14'56"	336.55'



No.	REVISIONS	DATE	BY
1	COUNTY COMMENTS #3	08/28/24	KHA
2	COUNTY COMMENTS #2	06/19/24	KHA
3	COUNTY COMMENTS #1	5/30/23	KHA

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 REGISTRY No. 696

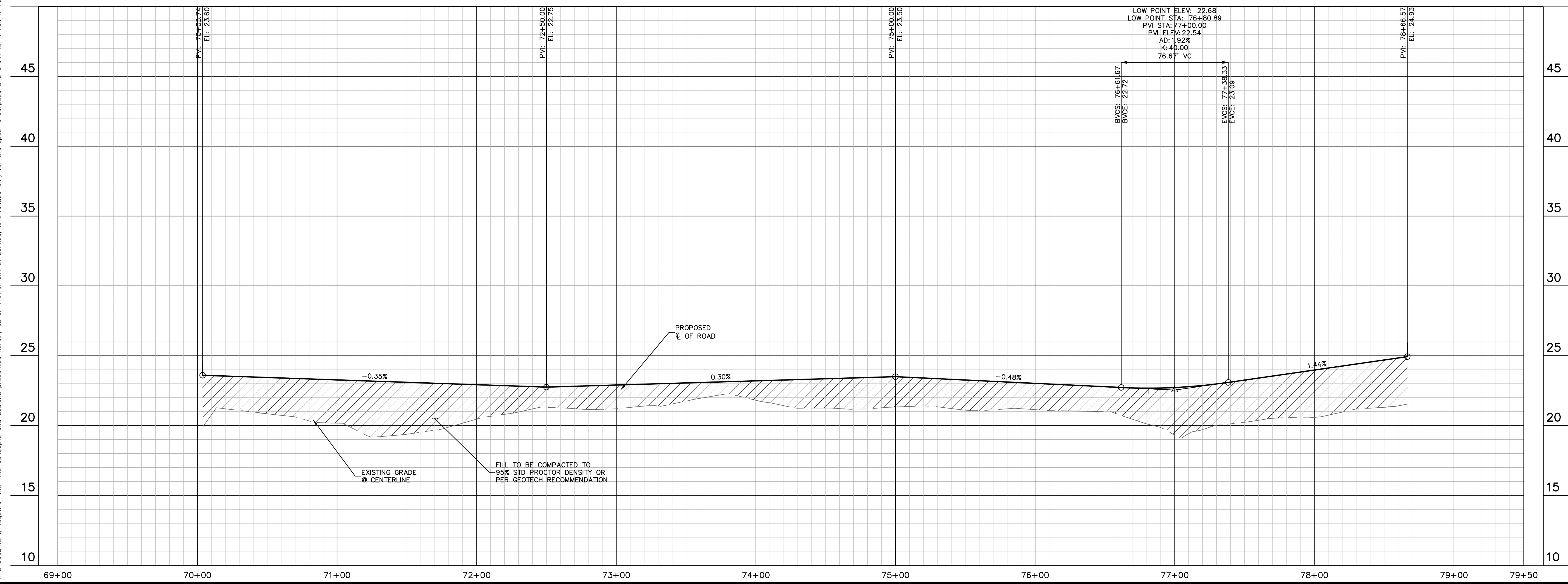
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 FLORIDA LICENSE NUMBER  
 89984  
 DATE: 08/28/2024

KHA PROJECT  
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 DATE  
 08/28/2024  
 SCALE: AS SHOWN  
 DESIGNED BY: CNS  
 DRAWN BY: MIM  
 CHECKED BY: CNS

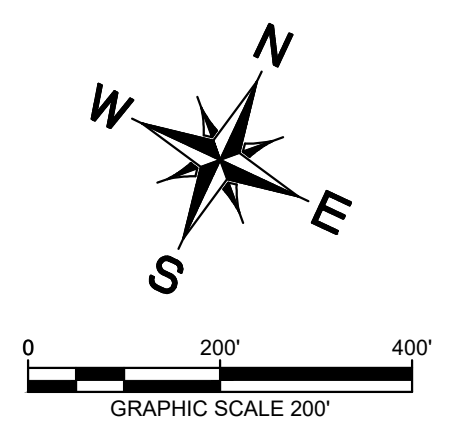
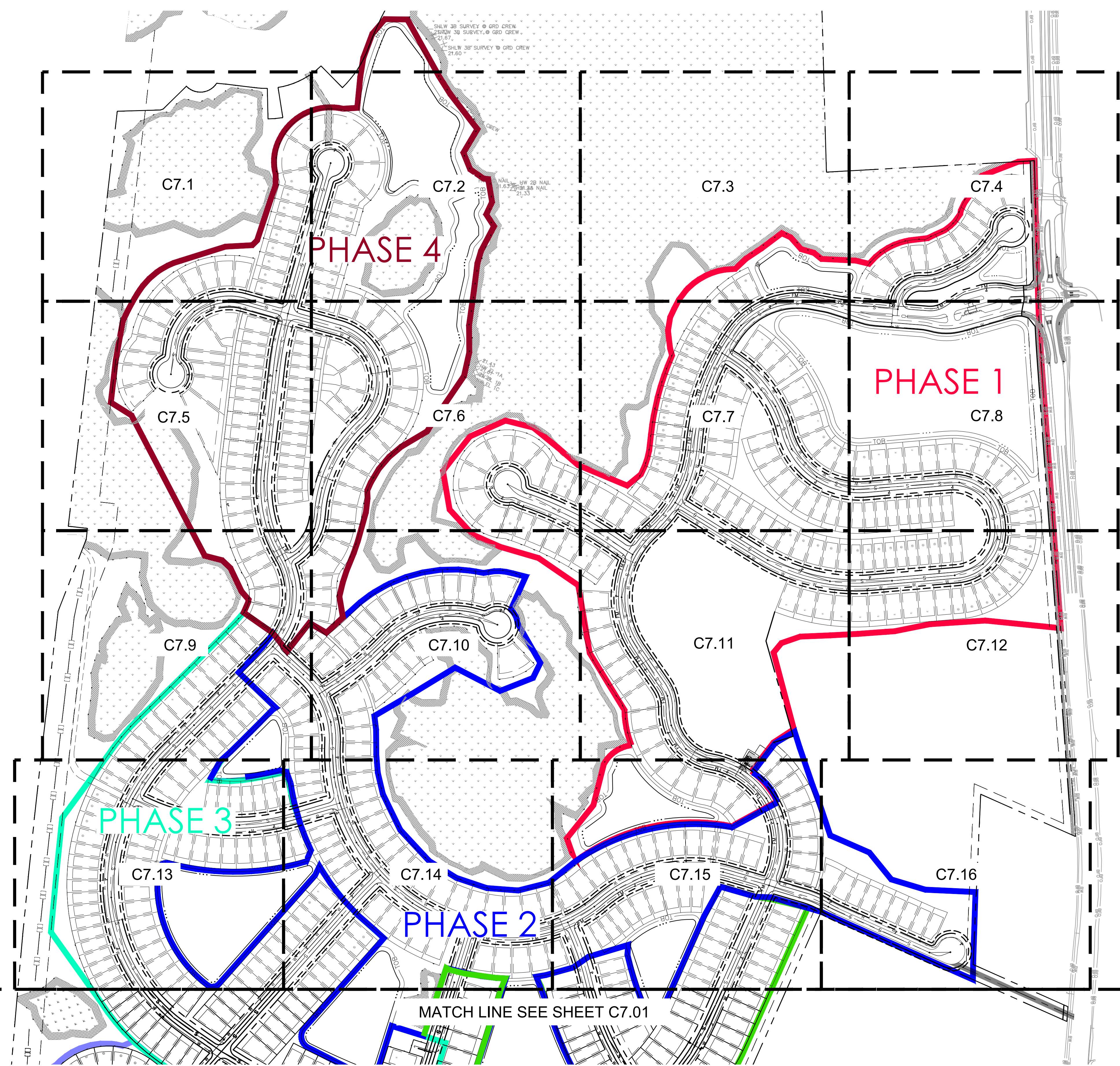
CRESSWIND AT FLAGLER BEACH  
 FLORIDA

SHEET NUMBER  
**C6.33**

GREENBRIER ROAD



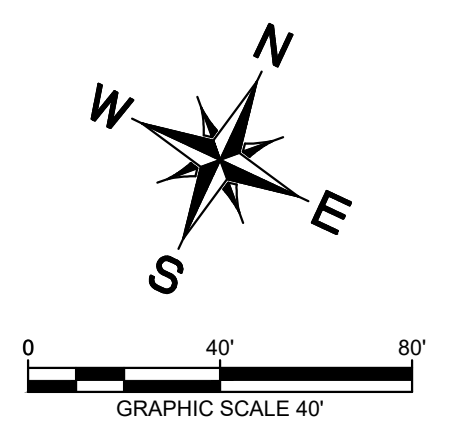
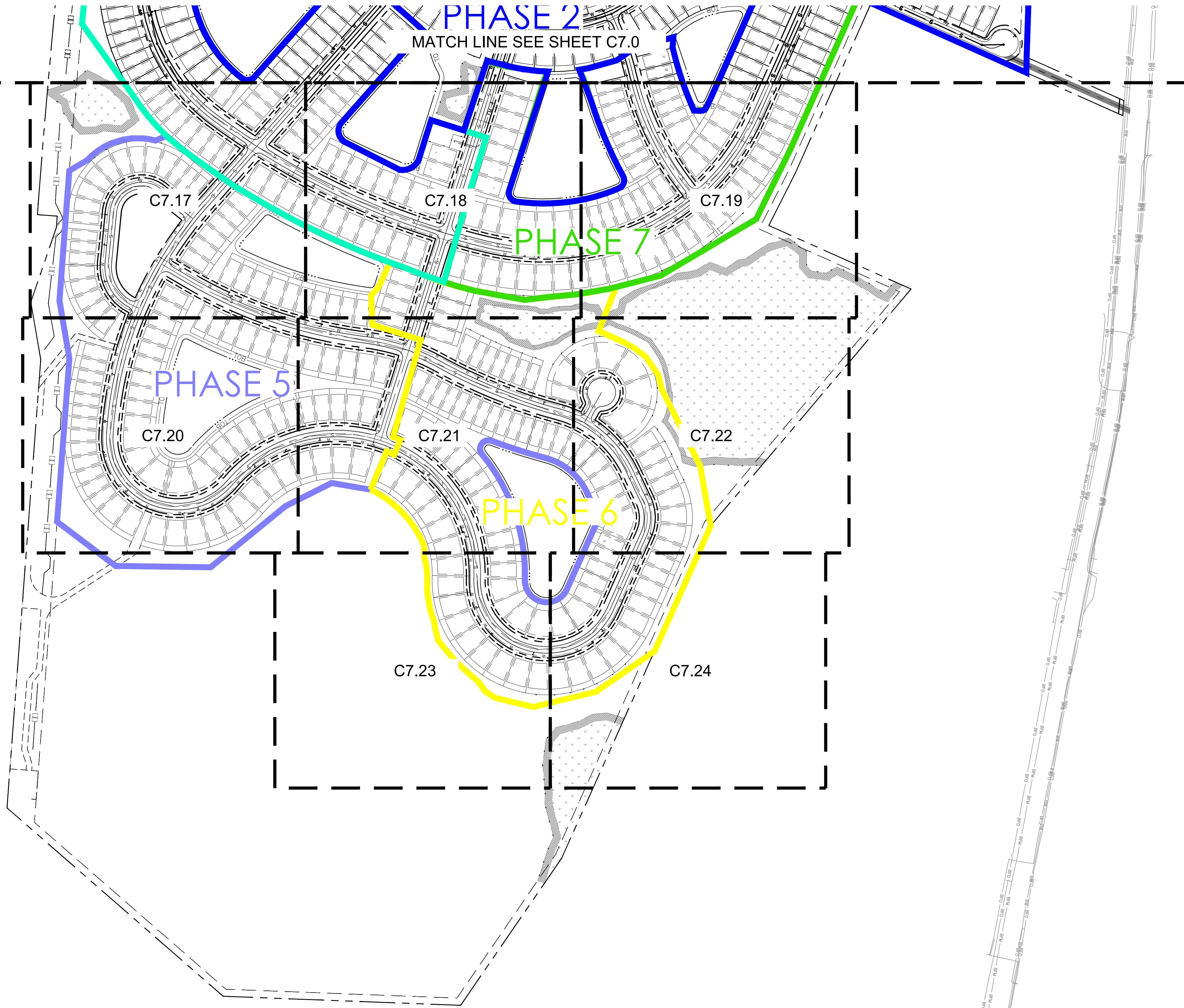
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- UTILITY PLAN NOTES**
- NOTES:**
1. ALL POTABLE WATER MAINS, DOMESTIC WASTEWATER GRAVITY SEWER, WASTEWATER FORCE MAINS, AND PIPES CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF SIX (6) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE.
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  8. REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C10.0 AND C10.5.
  9. SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

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		DATE 08/28/2024		SCALE: AS SHOWN	
COUNTY COMMENTS #3 08/28/24 KHA		COUNTY COMMENTS #2 06/19/24 KHA		COUNTY COMMENTS #1 5/30/23 KHA	
REVISIONS No. DATE BY		DESIGNED BY: CNS		DRAWN BY: MIM	
CHECKED BY: CNS		DATE: 08/28/2024		OVERALL UTILITY PLAN	
CRESSWIND AT FLAGLER BEACH		FLORIDA		FLAGLER COUNTY	
SHEET NUMBER <b>C7.0</b>					

Plotted By: Busby, Mary, Date: August 27, 2024, 10:12:11am File Path: K:\ORL\Civil\249027001-Flagler Lakes\CADD\CONST\Figures\MASS GRADING - SOUTH\C7.0 - Overall Utility Plan-County Only.dwg  
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No.	REVISIONS	DATE	BY
1	COUNTY COMMENTS #3	08/28/24	KHA
2	COUNTY COMMENTS #2	06/19/24	KHA
3	COUNTY COMMENTS #1	5/30/23	KHA

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 PHONE: 407-898-1511  
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 REGISTRY No. 696

LICENSED PROFESSIONAL  
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 FLORIDA LICENSE NUMBER  
 89984  
 DATE: 08/28/2024

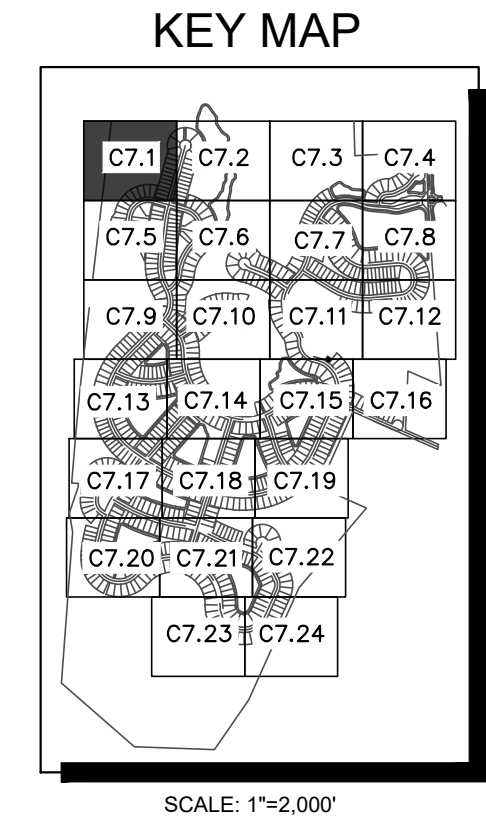
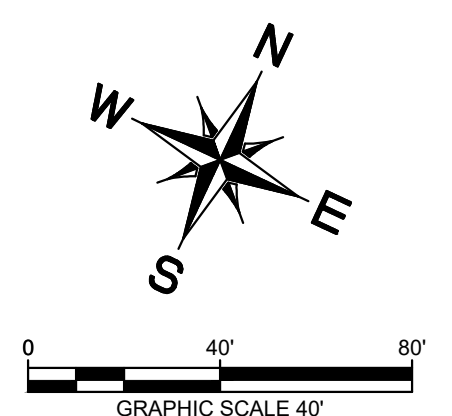
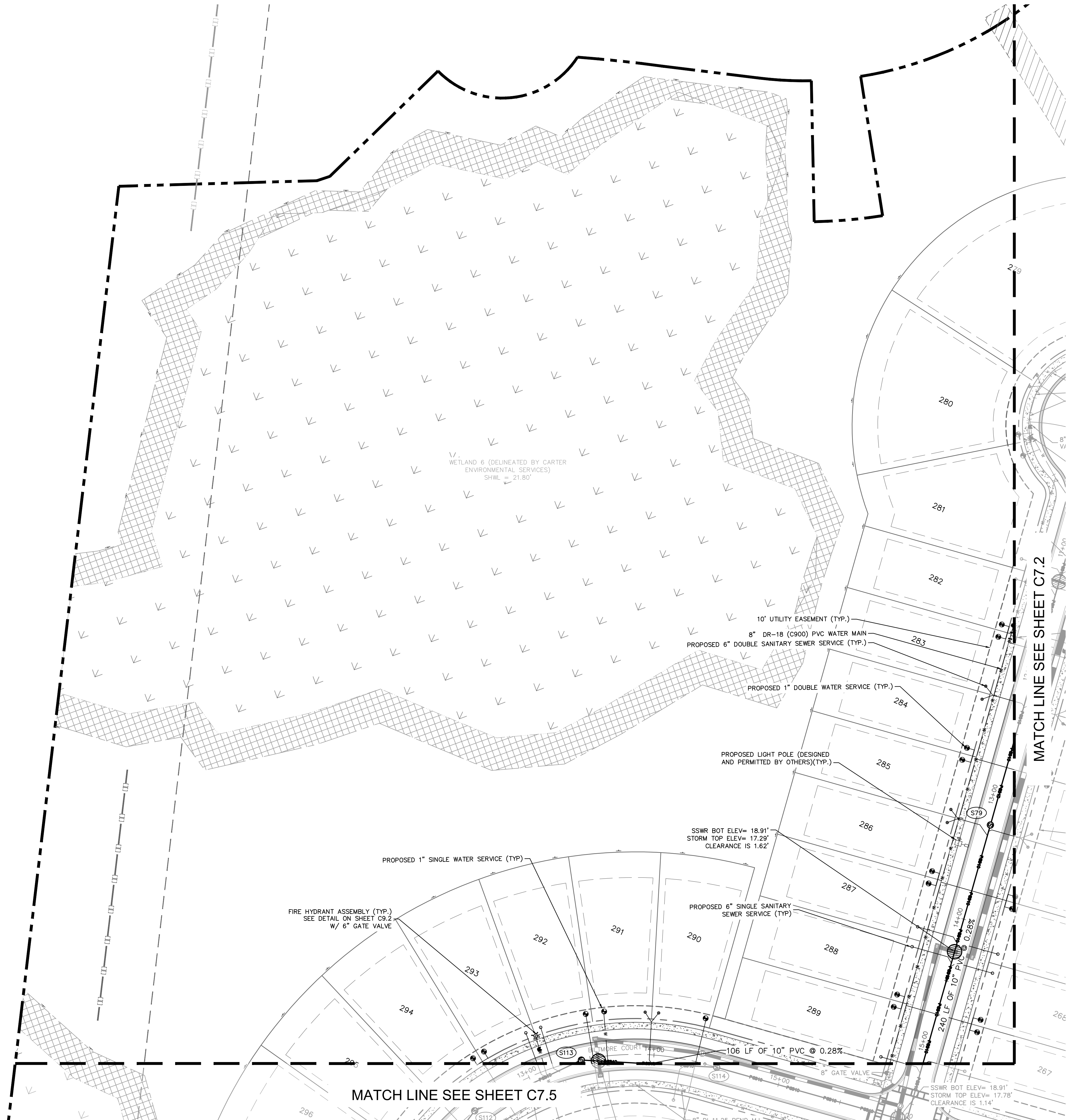
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 249027001  
 DATE  
 08/28/2024  
 SCALE: AS SHOWN  
 DESIGNED BY: CNS  
 DRAWN BY: MIM  
 CHECKED BY: CNS

**OVERALL UTILITY PLAN**

**CRESSWIND AT FLAGLER BEACH**  
 FLORIDA  
 FLAGLER COUNTY

SHEET NUMBER  
**C7.01**

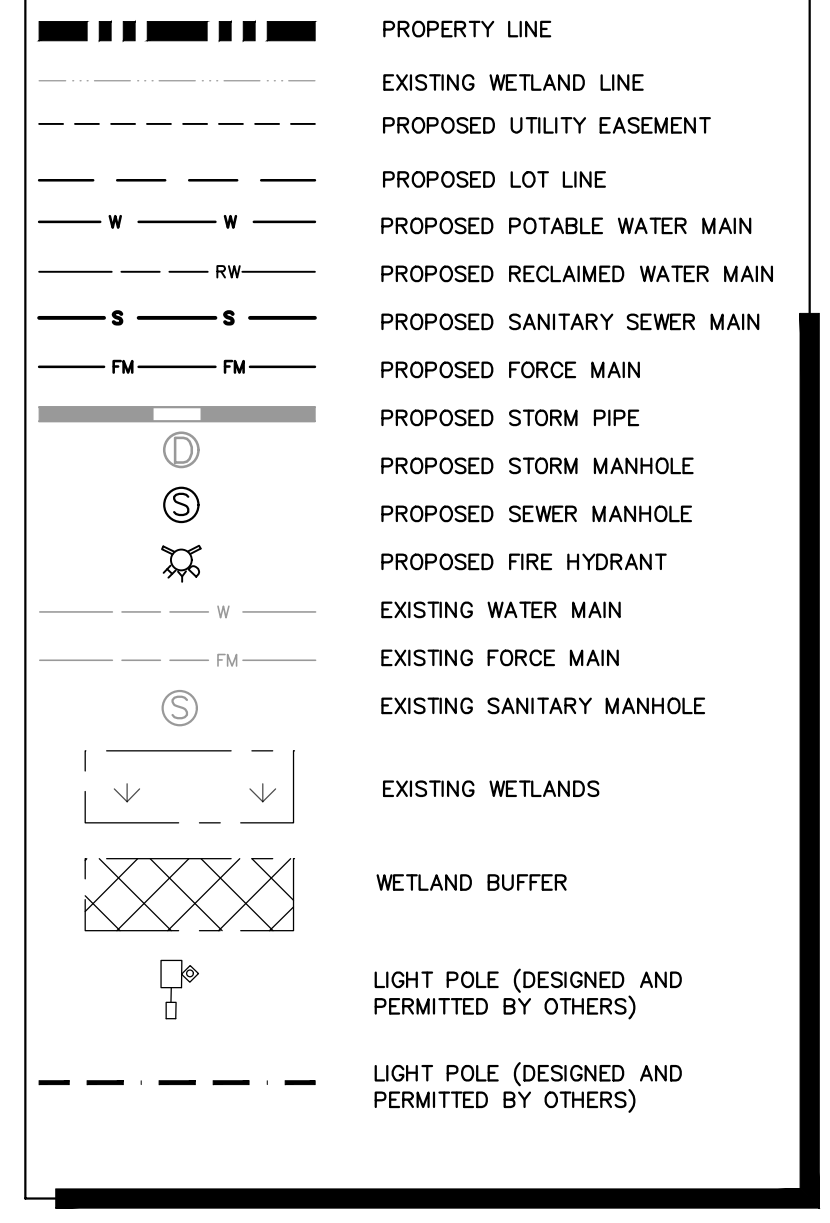
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**UTILITY PLAN LEGEND**



SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S79	STA: 13+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.35 N. INV IN: 19.32 S. INV OUT: 19.22
S113	STA: 13+43.04 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.13 SW. INV IN: 19.84 E. INV OUT: 19.75

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PHONE: 407-898-1511  
WWW.KIMLEY-HORN.COM

DATE: 08/28/2024

BY: [ ]

LICENSED PROFESSIONAL

CORY N. SILER, P.E.

FLORIDA LICENSE NUMBER: 89984

REVISIONS

No.	DATE	BY
1	08/28/24	KHA
2	06/19/24	KHA
3	5/30/23	KHA

KHA PROJECT: 249027001

DATE: 08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MIM

CHECKED BY: CNS

REGISTRY No. 696

**CRESSWIND AT FLAGLER BEACH**

FLORIDA

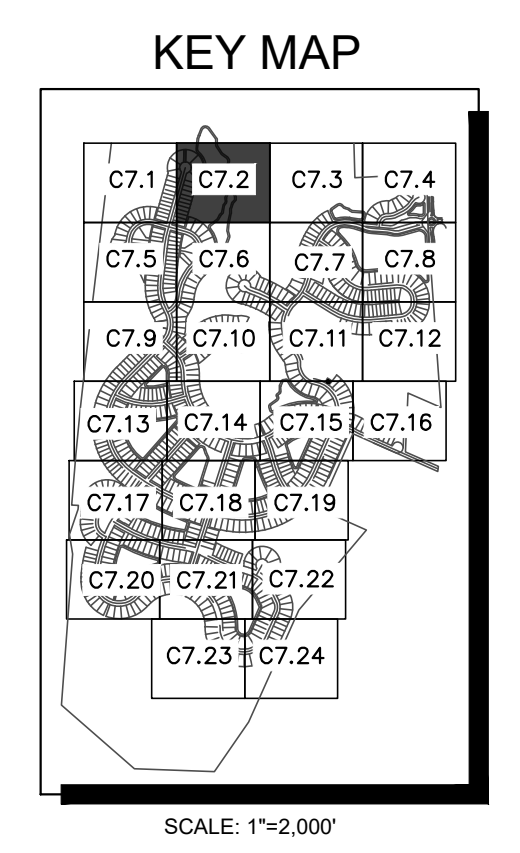
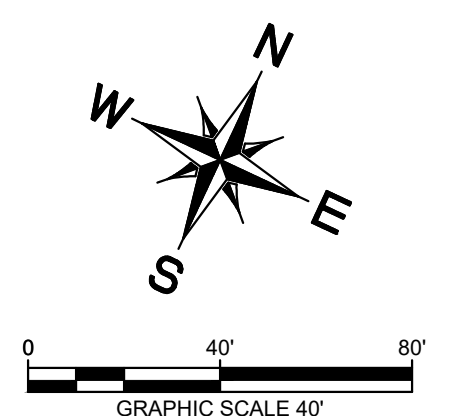
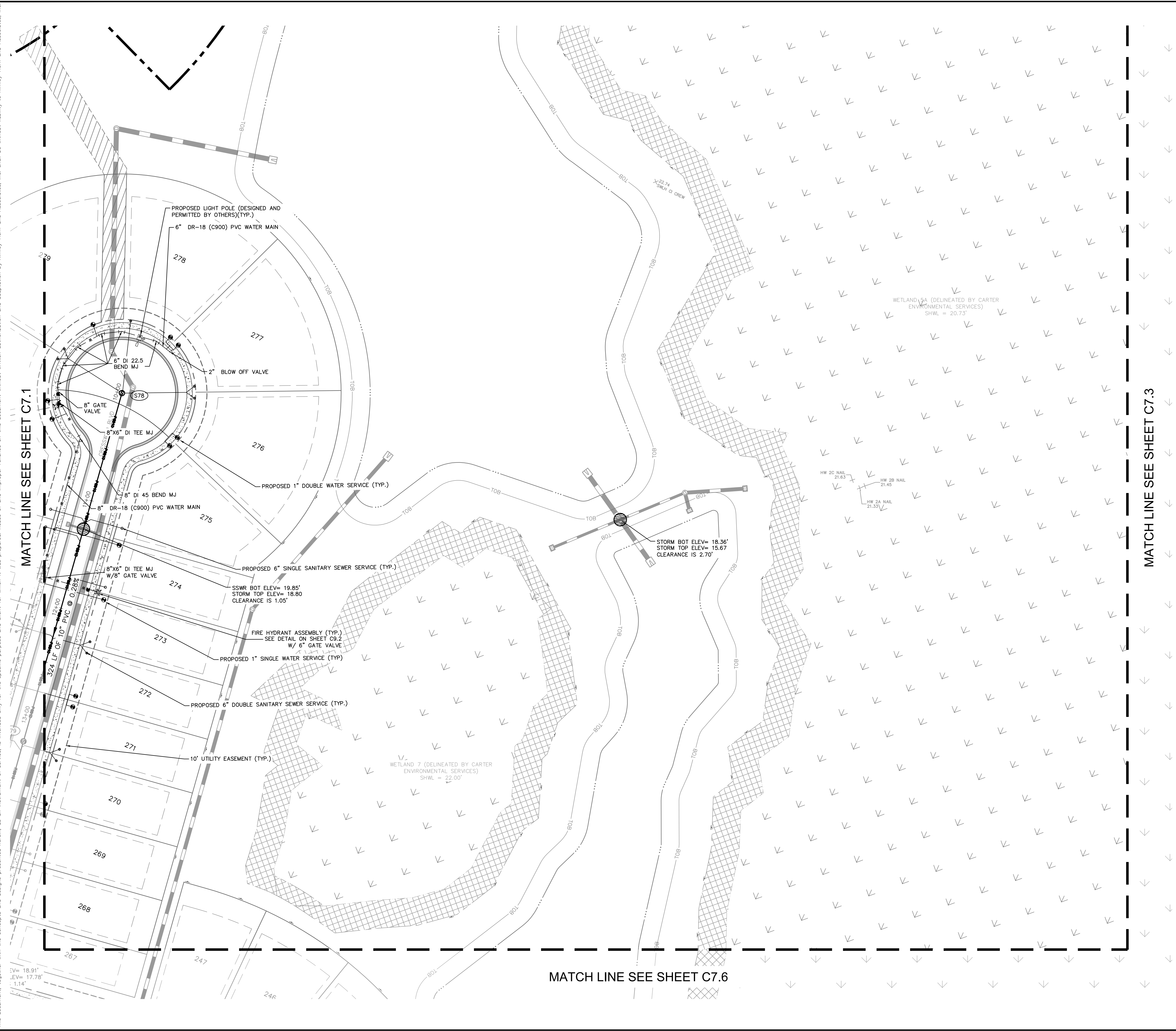
FLAGLER COUNTY

**DETAILED UTILITY PLAN**

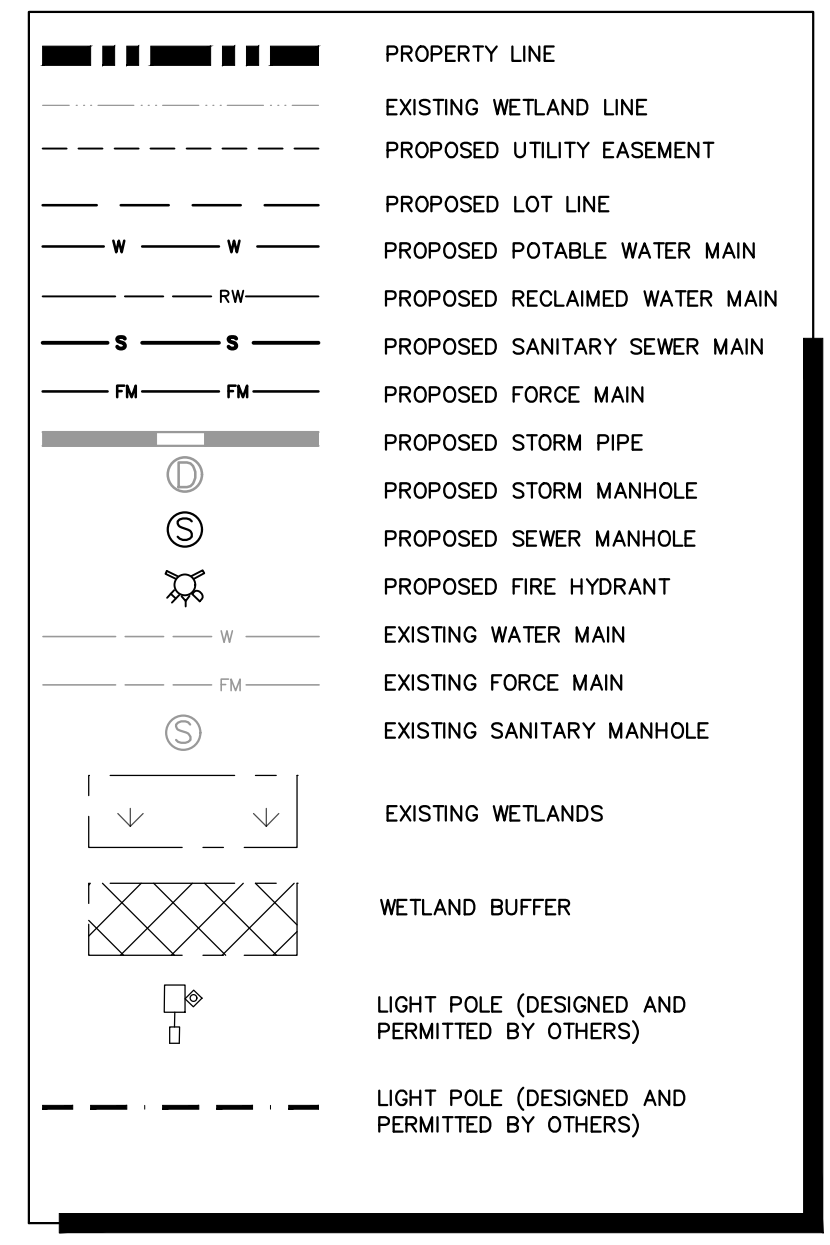
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**UTILITY PLAN LEGEND**



SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S78	STA: 10+00.00 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 28.44 S. INV OUT: 20.22

MATCH LINE SEE SHEET C7.3

MATCH LINE SEE SHEET C7.6

MATCH LINE SEE SHEET C7.1

**Kimley-Horn**

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 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM  
 REGISTRY No. 696

**CRESSWIND AT FLAGLER BEACH**

FLORIDA

**DETAILED UTILITY PLAN**

DATE: 08/28/2024

LICENSED PROFESSIONAL  
 CORY N. STILER, P.E.  
 FLORIDA LICENSE NUMBER  
 89984

DESIGNED BY: CNS  
 DRAWN BY: MIM  
 CHECKED BY: CNS

KHA PROJECT  
 249027001

DATE  
 08/28/2024

SCALE: AS SHOWN

COUNTY COMMENTS #3  
 08/28/24 KHA

COUNTY COMMENTS #2  
 06/19/24 KHA

COUNTY COMMENTS #1  
 5/30/23 KHA

REVISIONS

SHEET NUMBER  
**C7.2**

DATE  
 BY

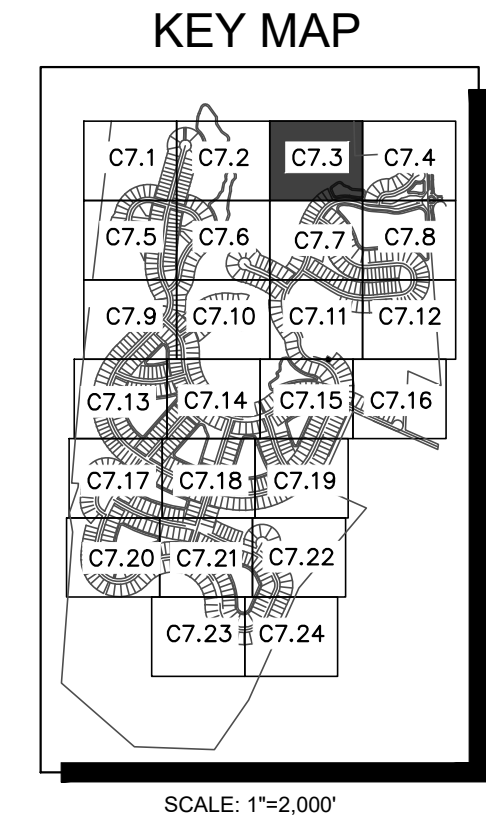
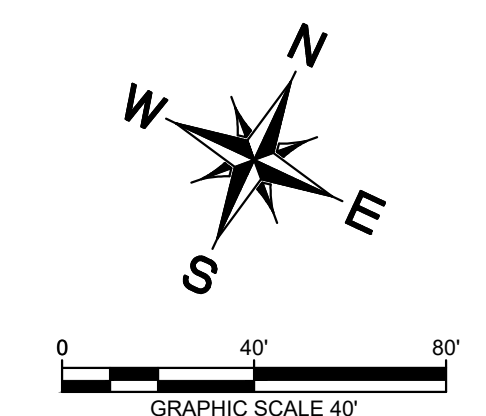
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MATCH LINE SEE SHEET C7.2

MATCH LINE SEE SHEET C7.4

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S38	STA: 98+71.70 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.67 E. INV IN: 17.53 SW. INV OUT: 17.43

WETLAND 5A (DELINEATED BY CARTER ENVIRONMENTAL SERVICES)  
SHWL = 20.73'



UTILITY PLAN NOTES

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UTILITY PLAN LEGEND

	PROPERTY LINE
	EXISTING WETLAND LINE
	PROPOSED UTILITY EASEMENT
	PROPOSED LOT LINE
	PROPOSED POTABLE WATER MAIN
	PROPOSED RECLAIMED WATER MAIN
	PROPOSED SANITARY SEWER MAIN
	PROPOSED FORCE MAIN
	PROPOSED STORM PIPE
	PROPOSED STORM MANHOLE
	PROPOSED SEWER MANHOLE
	PROPOSED FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING FORCE MAIN
	EXISTING SANITARY MANHOLE
	EXISTING WETLANDS
	WETLAND BUFFER
	LIGHT POLE (DESIGNED AND PERMITTED BY OTHERS)
	LIGHT POLE (DESIGNED AND PERMITTED BY OTHERS)

MATCH LINE SEE SHEET C7.7

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LICENSED PROFESSIONAL	
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DATE: 08/28/2024	

KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
249027001	08/28/2024	AS SHOWN	CNS	MMM	CNS

DETAILED UTILITY PLAN

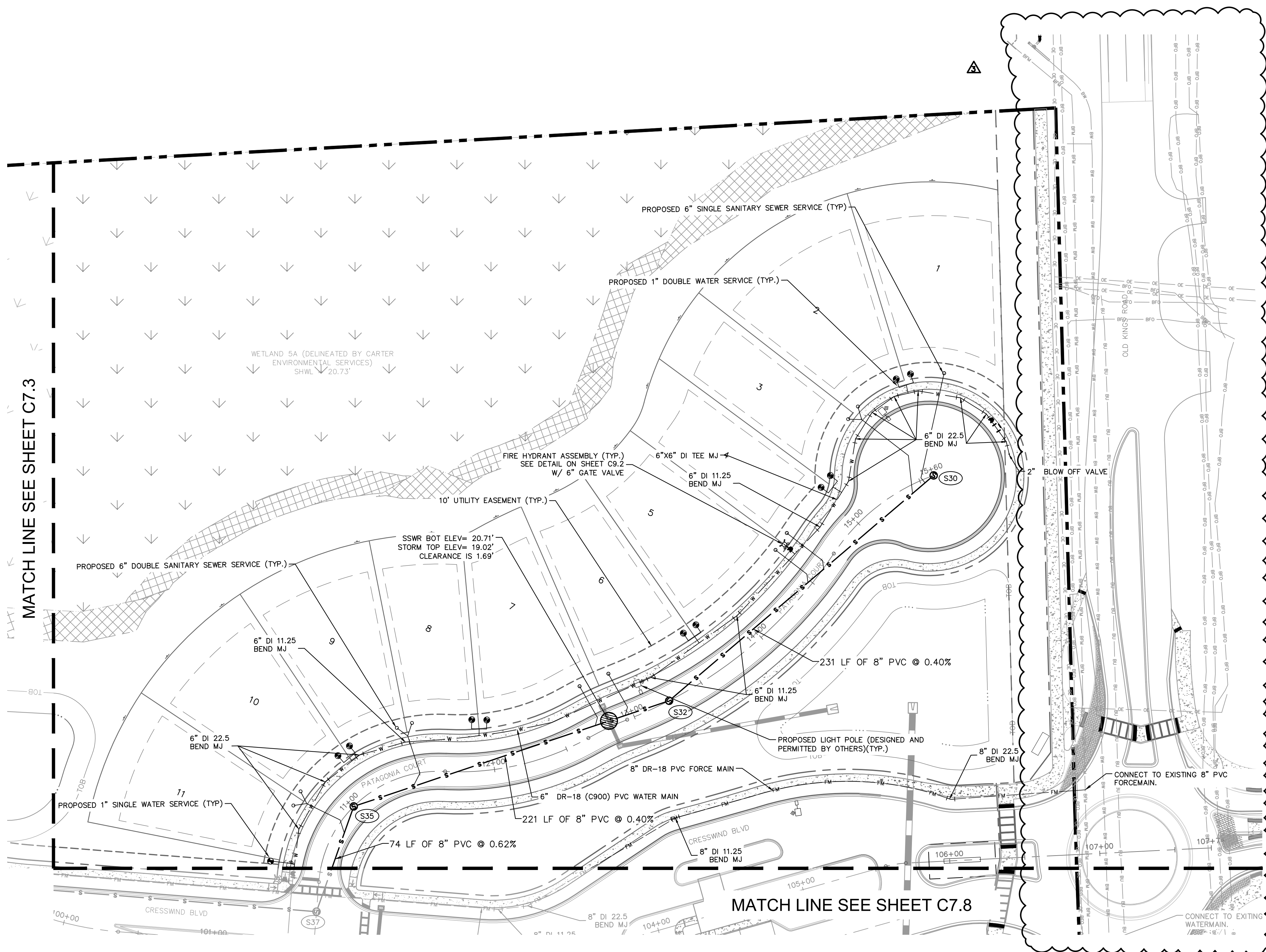
**CRESSWIND AT FLAGLER BEACH**

FLORIDA

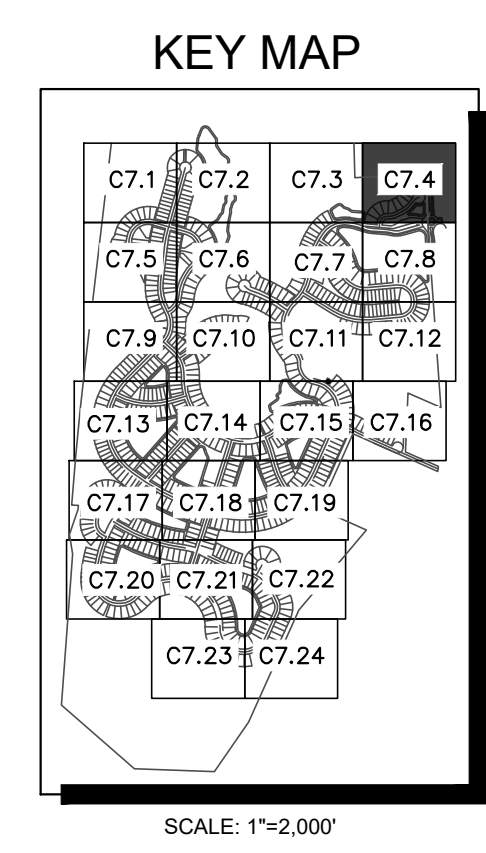
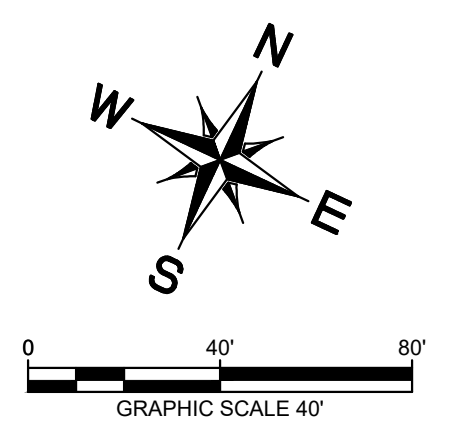
SHEET NUMBER	DATE	BY
C7.3	08/28/24	KHA
	06/19/24	KHA
	5/30/23	KHA

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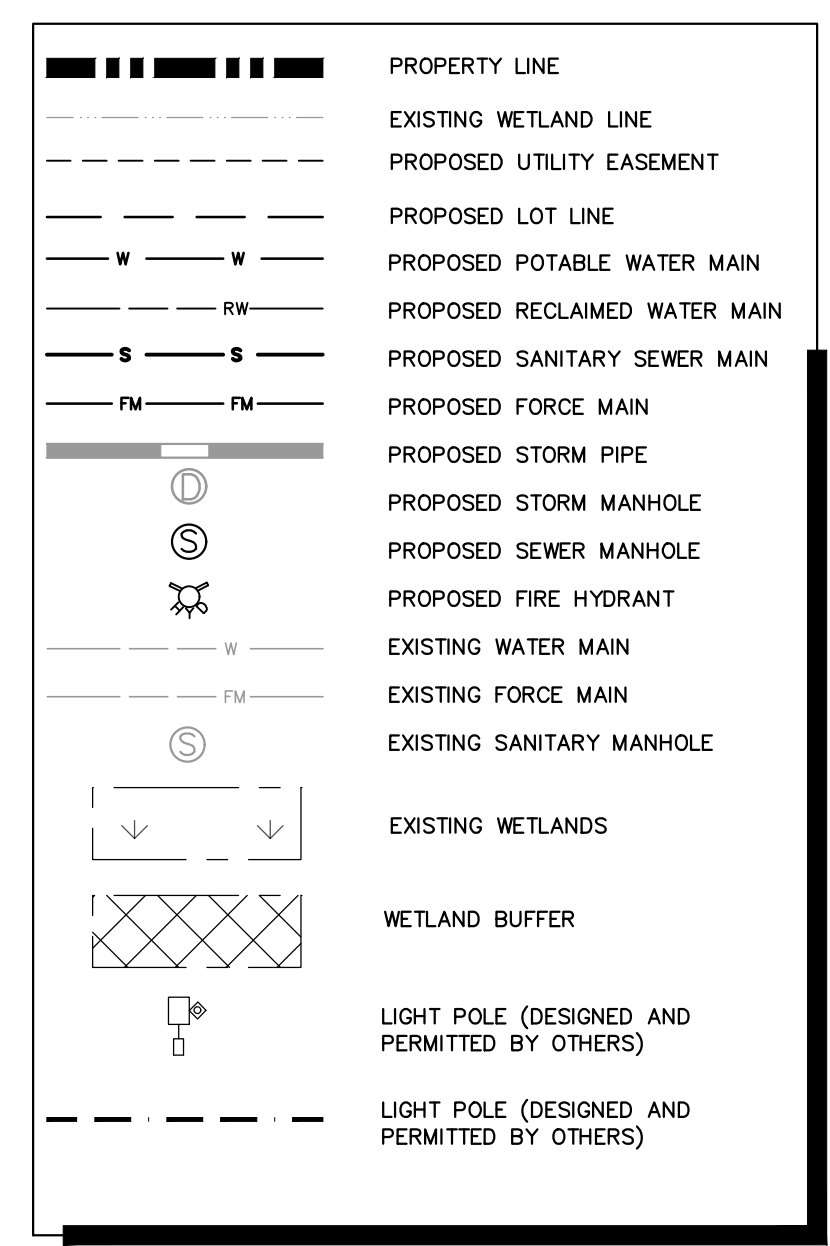
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S32	STA: 13+25.50 (0.00) PATAGONIA COURT SANITARY MANHOLE TOP: 25.24 NE. INV IN: 21.05 SW. INV OUT: 20.90
S35	STA: 11+00.00 (0.00) PATAGONIA COURT SANITARY MANHOLE TOP: 26.88 NE. INV IN: 20.02 S. INV OUT: 19.92



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 200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801  
 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM  
 REGISTRY No. 696

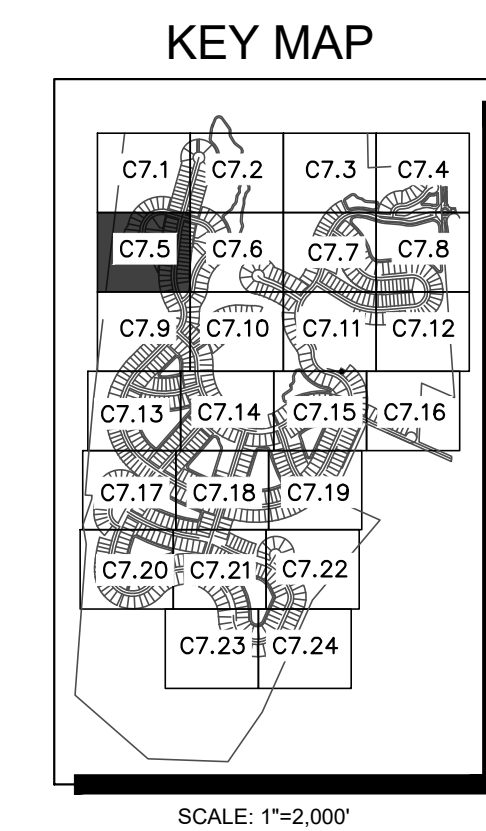
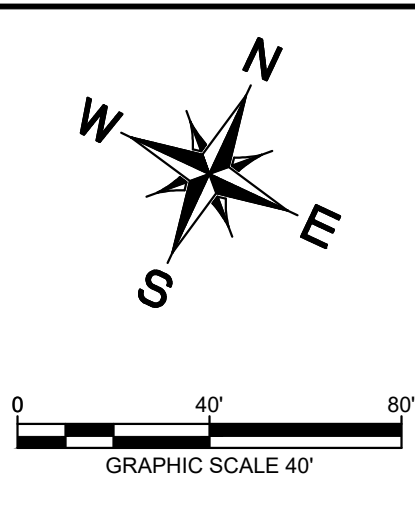
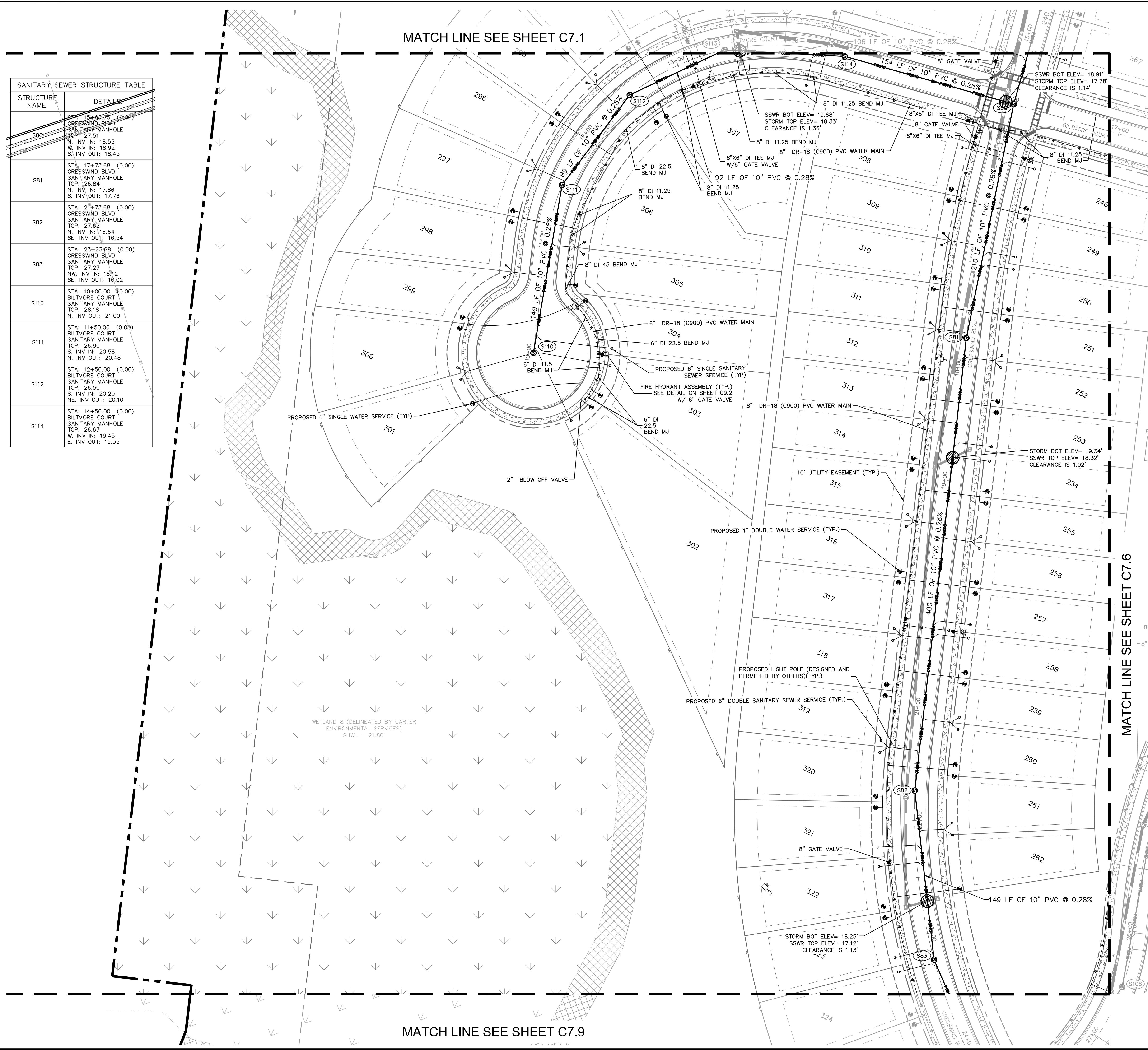
LICENSED PROFESSIONAL	CORY N. STILER, P.E.
KHA PROJECT	249027001
DATE	08/28/2024
SCALE AS SHOWN	CNS
DESIGNED BY:	MMM
DRAWN BY:	CNS
CHECKED BY:	CNS
DATE:	08/28/2024

**CRESSWIND AT FLAGLER BEACH**  
 DETAILED UTILITY PLAN  
 FLAGLER COUNTY, FLORIDA

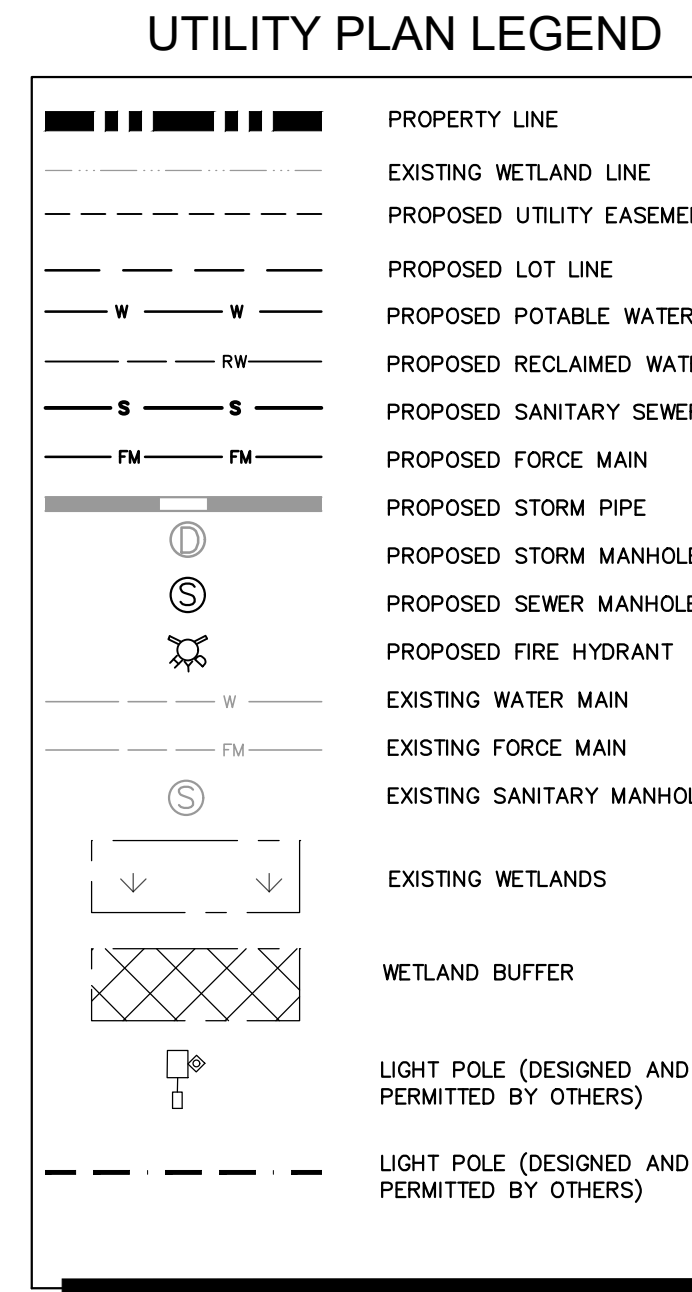
SHEET NUMBER  
**C7.4**

Plotted By: Busby, Mary. Date: August 27, 2024. 10:14:17am. File Path: K:\VGR\_Civil\249027001-Eggle Lake\CADD\CONSTR\PlanSheets\MASS GRADING - SOUTH\C7.0 - Utility\_Plan.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S80	STA: 15+33.75 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.51 N. INV IN: 18.55 W. INV IN: 18.92 S. INV OUT: 18.45
S81	STA: 17+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.84 N. INV IN: 17.86 S. INV OUT: 17.76
S82	STA: 21+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.62 N. INV IN: 16.64 SE. INV OUT: 16.54
S83	STA: 23+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.27 NW. INV IN: 16.12 SE. INV OUT: 16.02
S110	STA: 10+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 28.18 N. INV OUT: 21.00
S111	STA: 11+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.90 S. INV IN: 20.58 N. INV OUT: 20.48
S112	STA: 12+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.50 NE. INV IN: 20.20 W. INV IN: 19.45 E. INV OUT: 19.35
S114	STA: 14+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.67 W. INV IN: 19.45 E. INV OUT: 19.35



- ### UTILITY PLAN NOTES
- NOTES:
- ALL POTABLE WATER MAINS, DOMESTIC WASTEWATER GRAVITY SEWER, WASTEWATER FORCE MAINS, AND PIPES CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF SIX (6) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE.
  - THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND GRAVITY SEWER MAINS MAY BE REDUCED TO THREE (3) FEET WHERE THE BOTTOM OF THE WATER MAIN IS INSTALLED AT LEAST SIX (6) INCHES ABOVE THE TOP OF THE SEWER MAIN.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF STORM SEWER PIPING OR PIPING CARRYING UNRESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL BE MAINTAINED.
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  - MINIMUM VERTICAL SEPARATION OF SIX (6) INCHES, AND PREFERABLY TWELVE (12) INCHES ABOVE THE UTILITY, OUTSIDE OF PIPE TO OUTSIDE OF PIPE, SHALL BE MAINTAINED BETWEEN POTABLE WATER PIPING AND WASTEWATER GRAVITY PIPING, VACUUM TYPE SANITARY SEWER, OR STORMWATER PIPING.
  - A MINIMUM VERTICAL SEPARATION OF TWELVE (12) INCHES OUTSIDE OF PIPE TO OUTSIDE OF PIPE, SHALL BE MAINTAINED BETWEEN WATER MAINS AND WASTEWATER OR STORMWATER FORCE MAINS AND PIPING CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER.
  - TREES (PLANTED OR EXISTING) LOCATED NEAR PUBLICLY OWNED OR MAINTAINED PROPOSED OR EXISTING UTILITY LINES, MUST NOT BE WITHIN 7.5' FROM THE CENTERLINE OF THE PROPOSED OR EXISTING UTILITY LINE.
  - REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C10.0 AND C10.5.
  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.



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REGISTRY No. 696

---

LICENSED PROFESSIONAL: CORY N. STILER, P.E.  
FLORIDA LICENSE NUMBER: 89984  
DATE: 08/28/2024

---

KHA PROJECT: 249027001  
DATE: 08/28/2024  
SCALE: AS SHOWN  
DESIGNED BY: CNS  
DRAWN BY: MIM  
CHECKED BY: CNS

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## DETAILED UTILITY PLAN

---

CRESSWIND AT FLAGLER BEACH

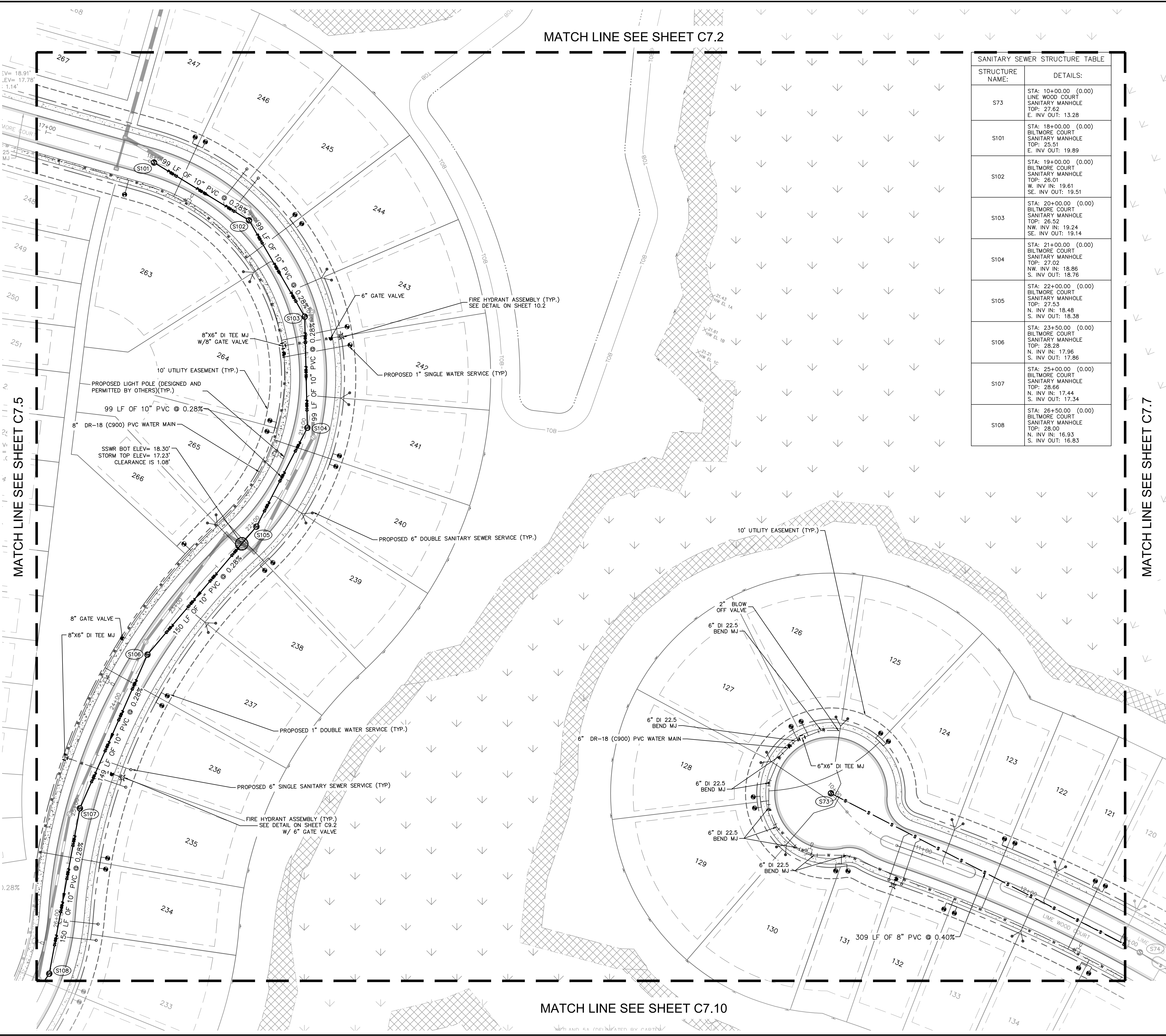
FLORIDA

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SHEET NUMBER  
**C7.5**



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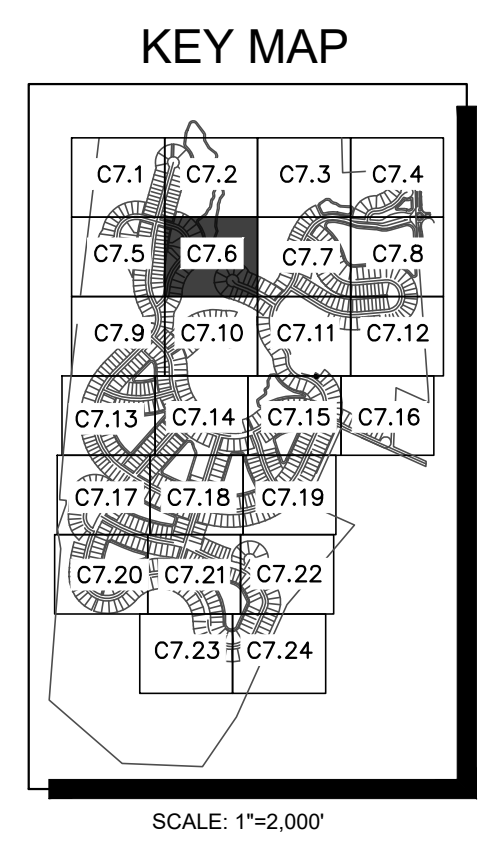
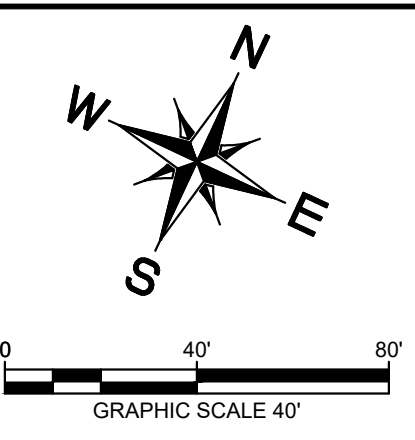
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MATCH LINE SEE SHEET C7.5

MATCH LINE SEE SHEET C7.7

MATCH LINE SEE SHEET C7.10

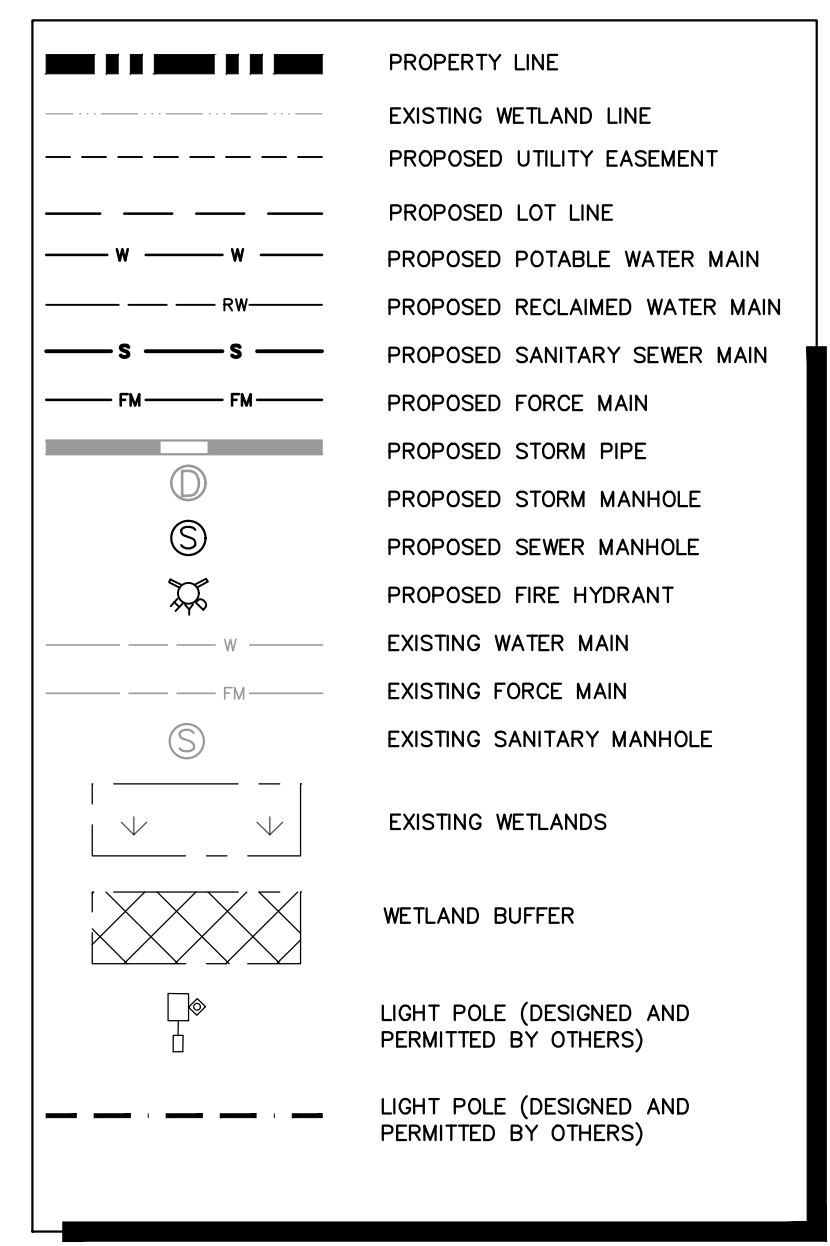
SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S73	STA: 10+00.00 (0.00) LINE WOOD COURT SANITARY MANHOLE TOP: 27.62 E. INV OUT: 13.28
S101	STA: 18+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 25.51 E. INV OUT: 19.89
S102	STA: 19+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.01 W. INV IN: 19.61 SE. INV OUT: 19.51
S103	STA: 20+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 26.52 NW. INV IN: 19.24 SE. INV OUT: 19.14
S104	STA: 21+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 27.02 NW. INV IN: 18.86 S. INV OUT: 18.76
S105	STA: 22+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 27.53 N. INV IN: 18.48 S. INV OUT: 18.38
S106	STA: 23+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 28.28 N. INV IN: 17.96 S. INV OUT: 17.86
S107	STA: 25+00.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 28.66 N. INV IN: 17.44 S. INV OUT: 17.34
S108	STA: 26+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 28.00 N. INV IN: 16.93 S. INV OUT: 16.83



UTILITY PLAN NOTES

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  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

UTILITY PLAN LEGEND



**Kimley-Horn**

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REGISTRY No. 696

LICENSED PROFESSIONAL  
CORY N. STILER, P.E.  
FLORIDA LICENSE NUMBER  
89984

DATE: 08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MMS

CHECKED BY: CNS

CRESSWIND AT FLAGLER  
BEACH

FLORIDA

DETAILED UTILITY PLAN

FLAGLER COUNTY

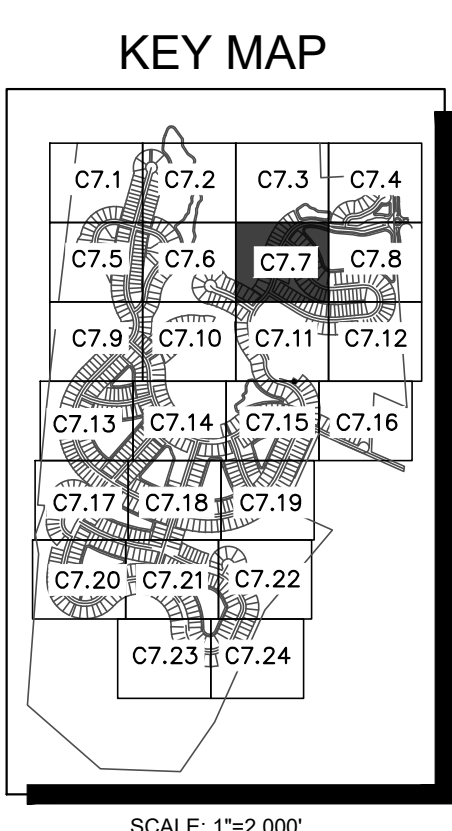
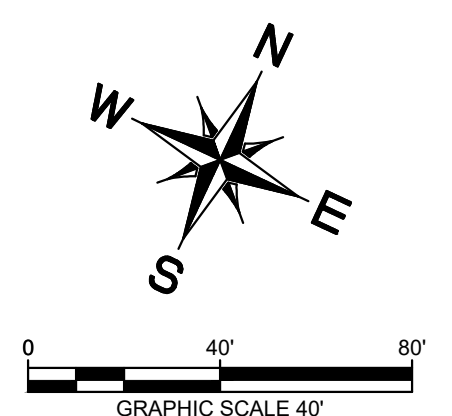
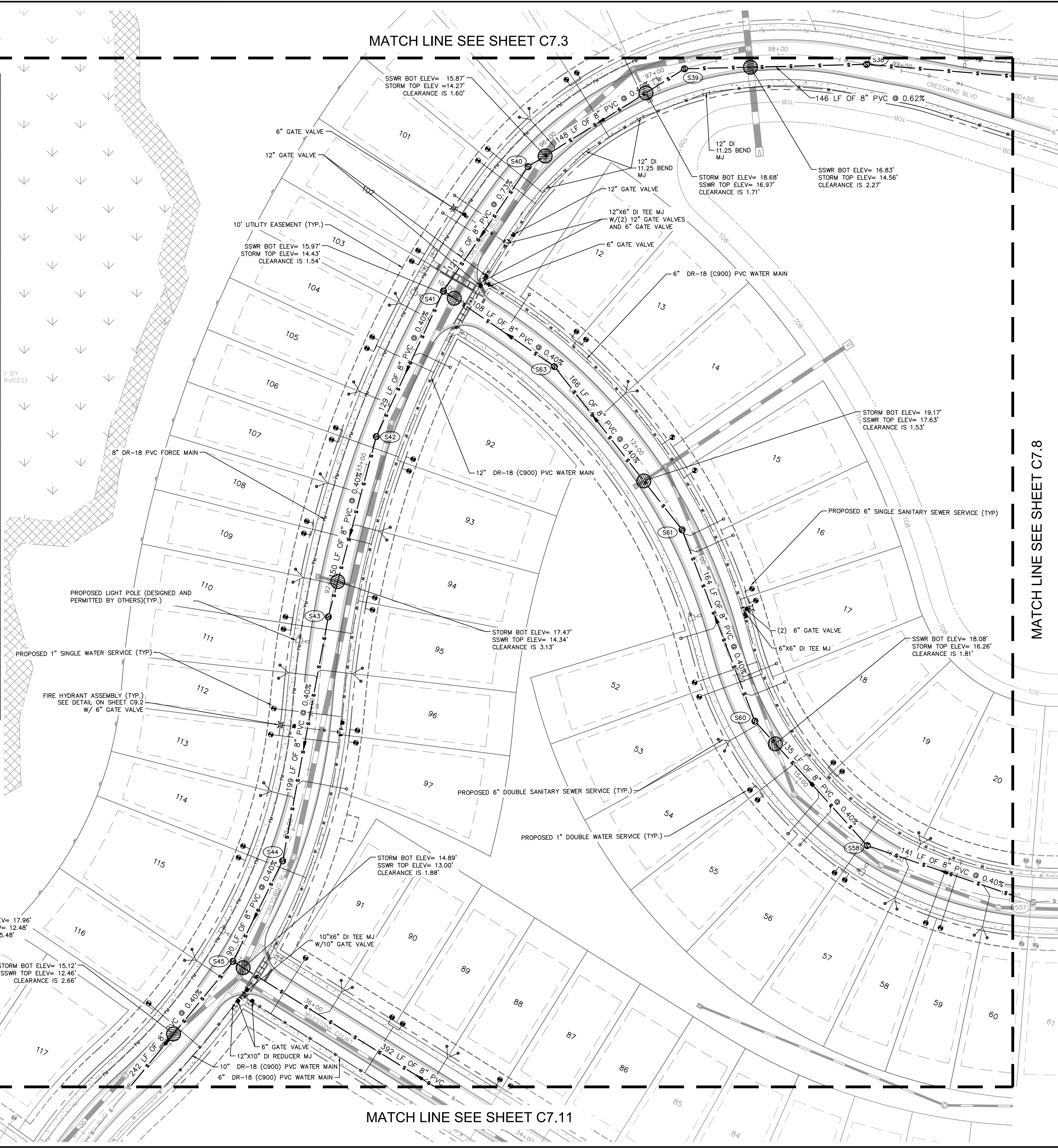
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**C7.6**

DATE

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MATCH LINE SEE SHEET C7.6

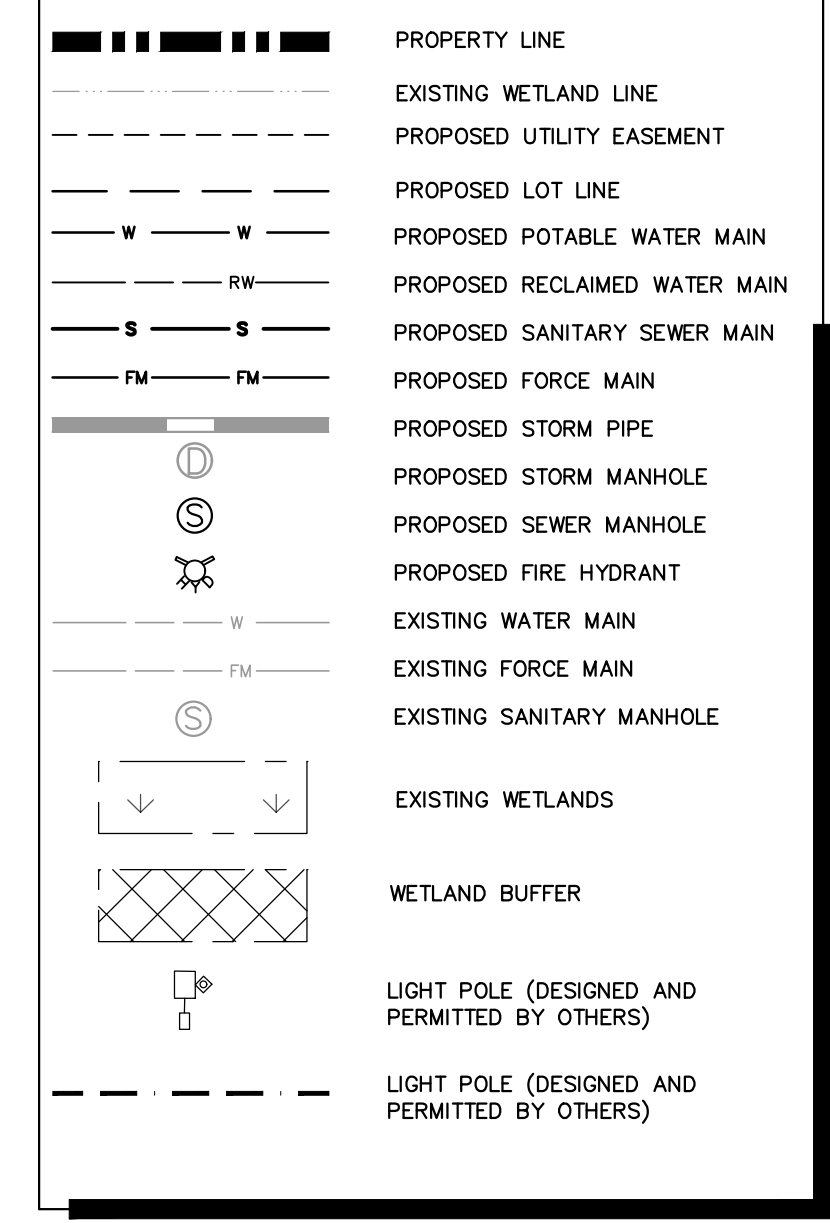
SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S39	STA: 97+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 24.93 NE. INV IN: 16.52 SW. INV OUT: 16.42
S40	STA: 95+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.74 NE. INV IN: 15.83 S. INV OUT: 15.73
S41	STA: 94+52.70 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.00 N. INV IN: 14.85 E. INV IN: 15.95 S. INV OUT: 14.75
S42	STA: 93+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.41 N. INV IN: 14.23 S. INV OUT: 14.13
S43	STA: 91+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.97 N. INV IN: 13.53 S. INV OUT: 13.43
S44	STA: 89+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.20 N. INV IN: 12.63 S. INV OUT: 12.53
S45	STA: 88+83.43 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.70 N. INV IN: 12.17 E. INV IN: 12.28 S. INV OUT: 12.07
S57	STA: 17+18.87 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.34 NE. INV IN: 19.30 W. INV OUT: 19.20
S58	STA: 15+76.38 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.91 E. INV IN: 18.64 NW. INV OUT: 18.54
S60	STA: 14+40.33 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.72 SE. INV IN: 18.00 NW. INV OUT: 17.90
S61	STA: 12+75.56 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 24.86 SE. INV IN: 17.24 NW. INV OUT: 17.14
S63	STA: 11+08.07 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.85 SE. INV IN: 16.48 W. INV OUT: 16.38
S74	STA: 13+12.58 (0.00) LINE WOOD COURT SANITARY MANHOLE TOP: 25.82 W. INV IN: 12.04 E. INV OUT: 11.94



UTILITY PLAN NOTES

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UTILITY PLAN LEGEND



**Kimley»Horn**

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 REGISTRY No. 696

LICENSED PROFESSIONAL  
 CORY N. SILER, P.E.  
 FLORIDA LICENSE NUMBER  
 89984

DATE: 08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MMM

CHECKED BY: CNS

CRESSWIND AT FLAGLER  
BEACH

FLORIDA

SHEET NUMBER  
**C7.7**

REGIONS #1

REGIONS #2

REGIONS #3

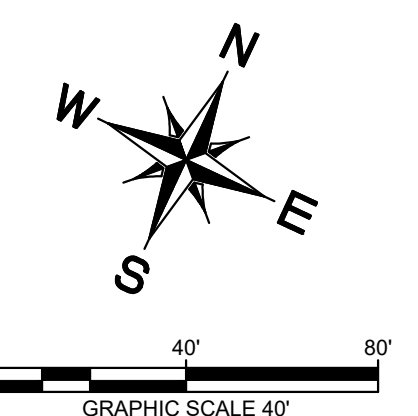
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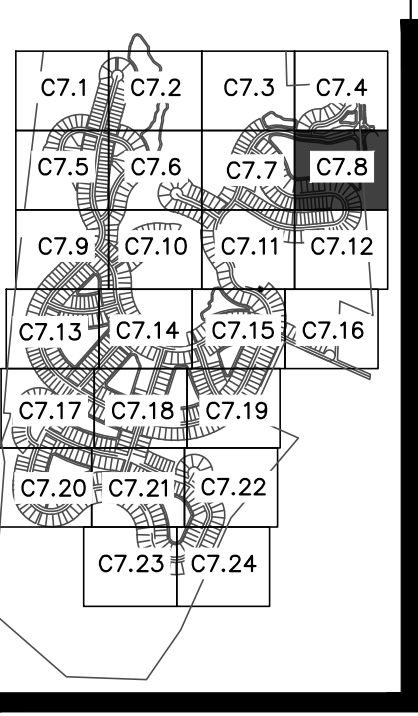
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MATCH LINE SEE SHEET C7.4

MATCH LINE SEE SHEET C7.12



KEY MAP

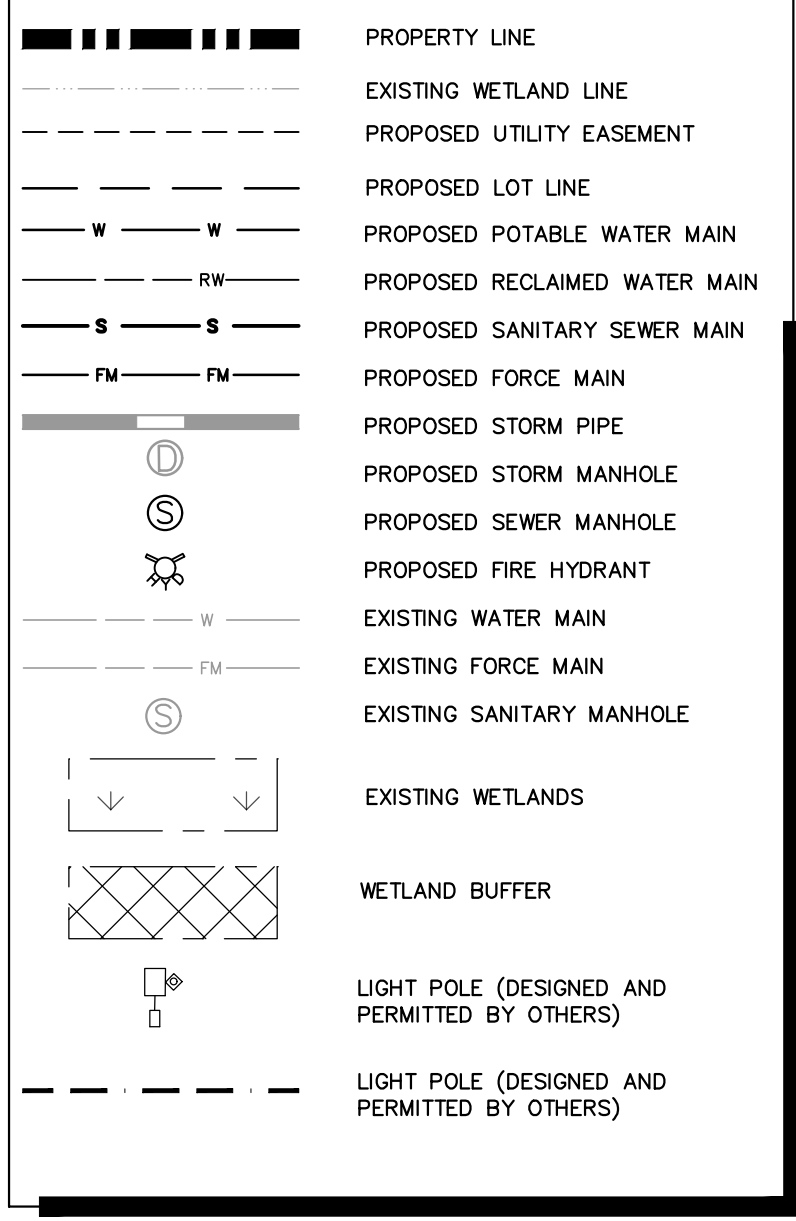


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STRUCTURE NAME:	DETAILS:
S37	STA: 101+67.28 (-23.56L) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.44 N. INV IN: 19.46 W. INV OUT: 19.36
S55	STA: 22+00.00 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.80 W. INV OUT: 21.32
S56	STA: 21+00.00 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 26.21 E. INV IN: 20.93 SW. INV OUT: 20.83
S71	STA: 22+36.24 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.65 SE. INV OUT: 20.59

UTILITY PLAN LEGEND



NO.	REVISIONS	DATE	BY
1	COUNTY COMMENTS #3	08/28/24	KHA
2	COUNTY COMMENTS #2	06/19/24	KHA
3	COUNTY COMMENTS #1	5/30/23	KHA

**Kimley»Horn**

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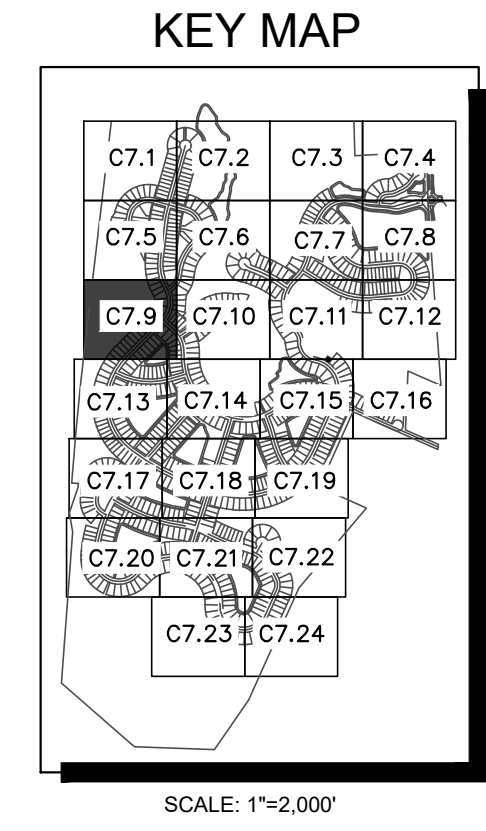
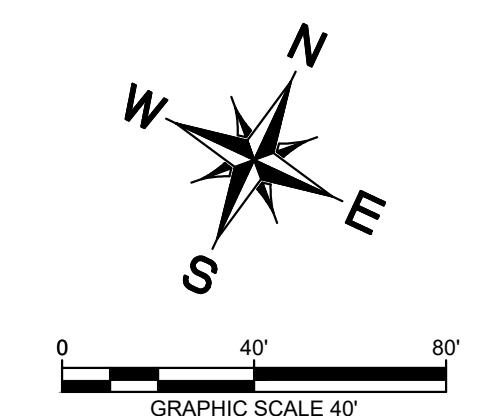
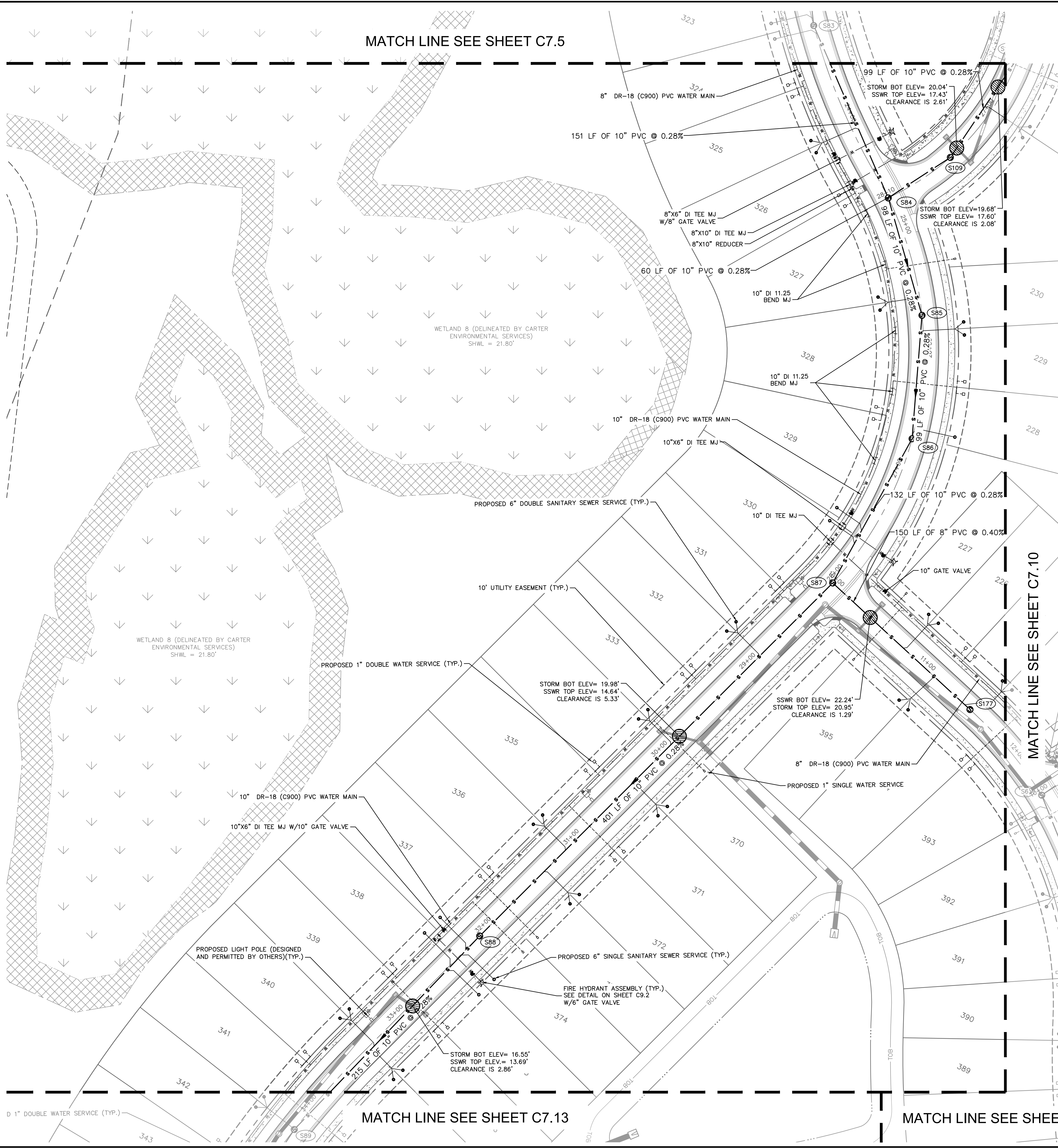
DETAILED UTILITY PLAN

CRESSWIND AT FLAGLER BEACH

SHEET NUMBER  
**C7.8**

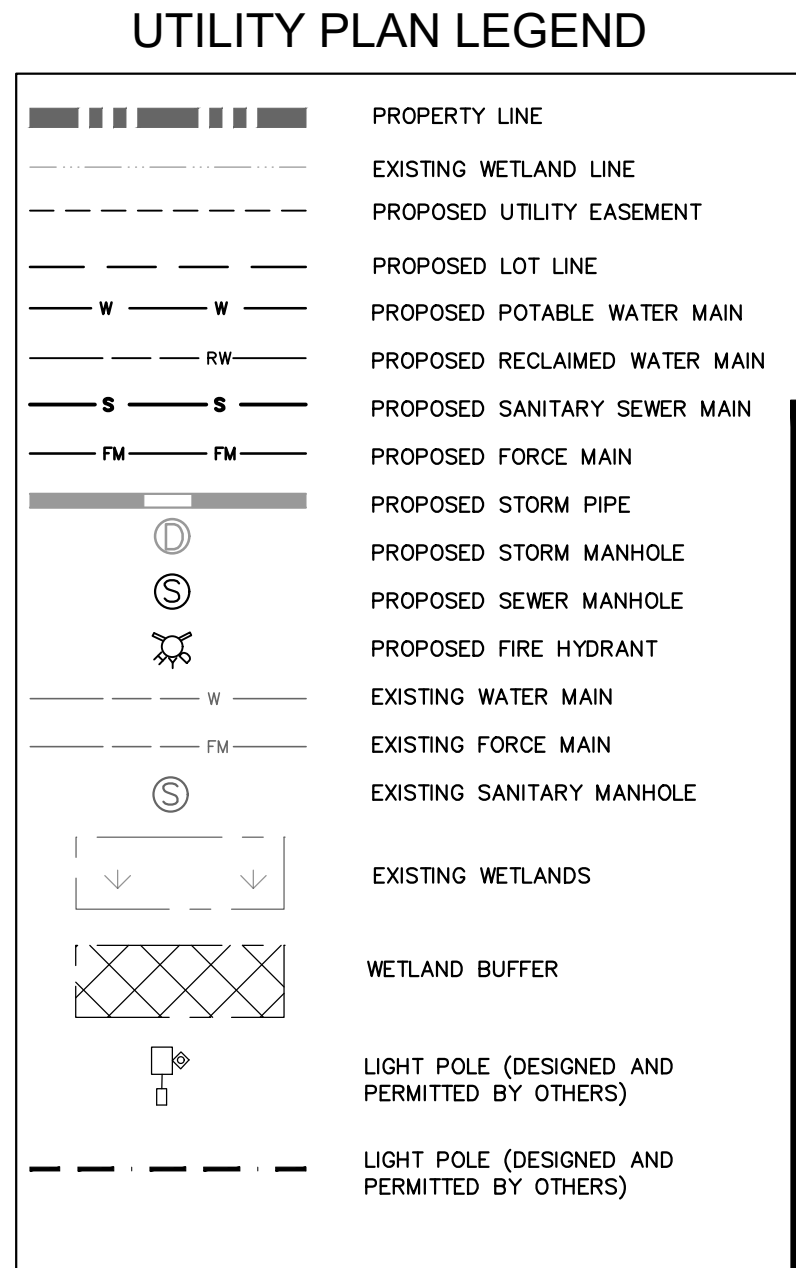
FLAGLER COUNTY FLORIDA

Plotted By: Busby, Mary Date: August 27, 2024 10:17:01am File Path: K:\VRL\Civil\249027001-Eagle Lake\CAADD\_CONST\PlanSheets\MASS GRADING - SOUTH\C7.1 - Utility Plan.dwg  
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STRUCTURE NAME:	DETAILS:
S84	STA: 24+75.02 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.88 NW. INV IN: 15.60 NE. INV IN: 16.28 SE. INV OUT: 15.50
S85	STA: 25+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 28.27 NW. INV IN: 15.22 S. INV OUT: 15.12
S86	STA: 26+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 28.49 N. INV IN: 14.85 S. INV OUT: 14.75
S87	STA: 28+07.18 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 27.03 N. INV IN: 14.38 E. INV IN: 22.10 S. INV OUT: 14.28
S88	STA: 32+08.25 (-0.12L) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.42 N. INV IN: 13.15 S. INV OUT: 13.05
S109	STA: 27+50.00 (0.00) BILTMORE COURT SANITARY MANHOLE TOP: 27.85 N. INV IN: 16.55 SW. INV OUT: 16.45
S177	STA: 11+50.00 (0.00) SANTORNI DRIVE SANITARY MANHOLE TOP: 27.70 W. INV OUT: 22.70

- UTILITY PLAN NOTES**
- NOTES:**
- ALL POTABLE WATER MAINS, DOMESTIC WASTEWATER GRAVITY SEWER, WASTEWATER FORCE MAINS, AND PIPES CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF SIX (6) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE.
  - THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND GRAVITY SEWER MAINS MAY BE REDUCED TO THREE (3) FEET WHERE THE BOTTOM OF THE WATER MAIN IS INSTALLED AT LEAST SIX (6) INCHES ABOVE THE TOP OF THE SEWER MAIN.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF STORM SEWER PIPING OR PIPING CARRYING UNRESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL BE MAINTAINED.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF A VACUUM - TYPE SANITARY SEWER SHALL BE MAINTAINED.
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  - TREES (PLANTED OR EXISTING) LOCATED NEAR PUBLICLY OWNED OR MAINTAINED PROPOSED OR EXISTING UTILITY LINES, MUST NOT BE WITHIN 7.5' FROM THE CENTERLINE OF THE PROPOSED OR EXISTING UTILITY LINE.
  - REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C10.0 AND C10.5.
  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.



**Kimley-Horn**

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WWW.KIMLEY-HORN.COM

REGISTRY No. 696

LICENSED PROFESSIONAL

CORY N. SILER, P.E.

FLORIDA LICENSE NUMBER 89984

DATE: 08/28/2024

KHA PROJECT 249027001

DATE 08/28/2024

SCALE AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MIM

CHECKED BY: CNS

COUNTY COMMENTS #3

COUNTY COMMENTS #2

COUNTY COMMENTS #1

08/28/24 KHA

06/19/24 KHA

5/30/23 KHA

NO.

REVISIONS

DATE

**CRESSWIND AT FLAGLER BEACH**

FLORIDA

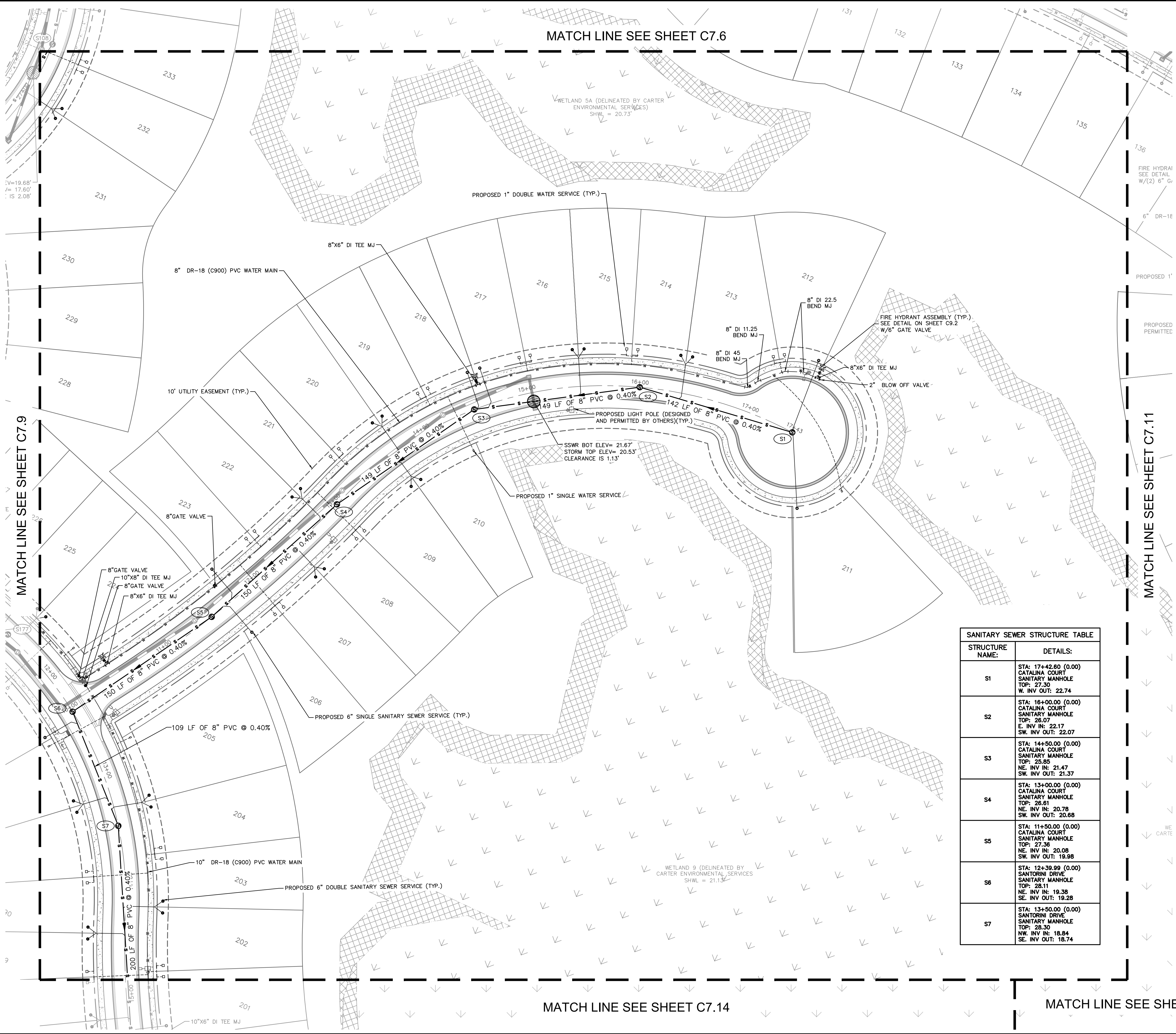
DETAILED UTILITY PLAN

FLAGLER COUNTY

SHEET NUMBER

**C7.9**

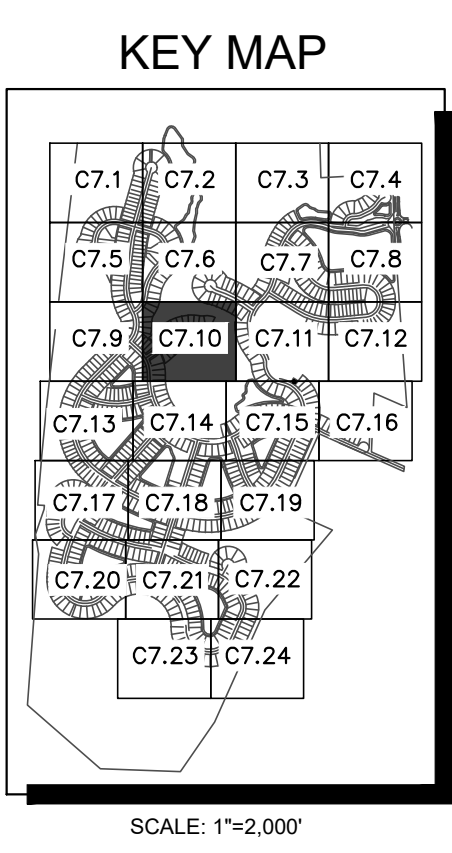
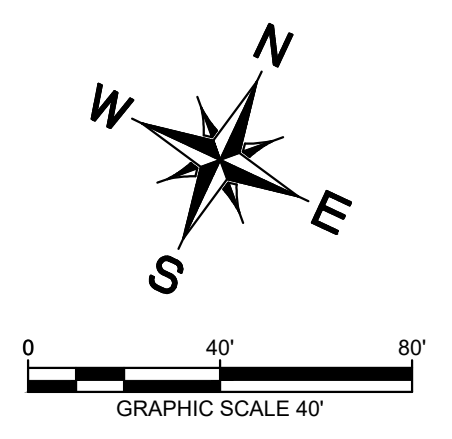
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MATCH LINE SEE SHEET C7.6

MATCH LINE SEE SHEET C7.14

MATCH LINE SEE SHEET C7.15

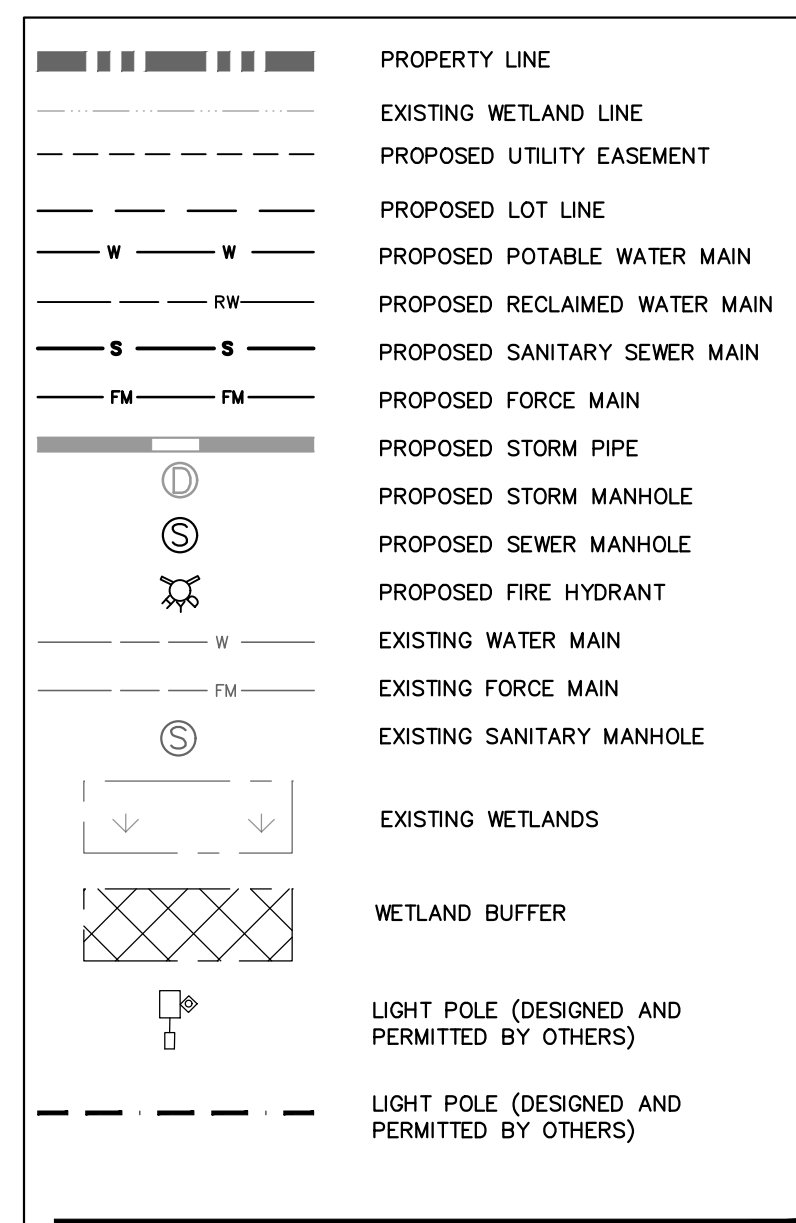


**UTILITY PLAN NOTES**

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  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S1	STA: 17+42.60 (0.00) CATALINA COURT SANITARY MANHOLE TOP: 27.30 W. INV. OUT: 22.74
S2	STA: 16+00.00 (0.00) CATALINA COURT SANITARY MANHOLE TOP: 26.07 E. INV. IN: 22.17 SW. INV. OUT: 22.07
S3	STA: 14+50.00 (0.00) CATALINA COURT SANITARY MANHOLE TOP: 25.85 NE. INV. IN: 21.47 SW. INV. OUT: 21.37
S4	STA: 13+00.00 (0.00) CATALINA COURT SANITARY MANHOLE TOP: 26.61 NE. INV. IN: 20.78 SW. INV. OUT: 20.68
S5	STA: 11+50.00 (0.00) CATALINA COURT SANITARY MANHOLE TOP: 27.36 NE. INV. IN: 20.08 SW. INV. OUT: 19.98
S6	STA: 12+39.99 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 28.11 NE. INV. IN: 19.38 SE. INV. OUT: 19.28
S7	STA: 13+50.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 28.30 NW. INV. IN: 18.84 SE. INV. OUT: 18.74

**UTILITY PLAN LEGEND**



NO.	REVISIONS	DATE	BY
1	COUNTY COMMENTS #3	08/28/24	KHA
2	COUNTY COMMENTS #2	06/19/24	KHA
3	COUNTY COMMENTS #1	5/30/23	KHA

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 PHONE: 407-898-1511  
 WWW.KIMLEY-HORN.COM  
 REGISTRY NO. 696

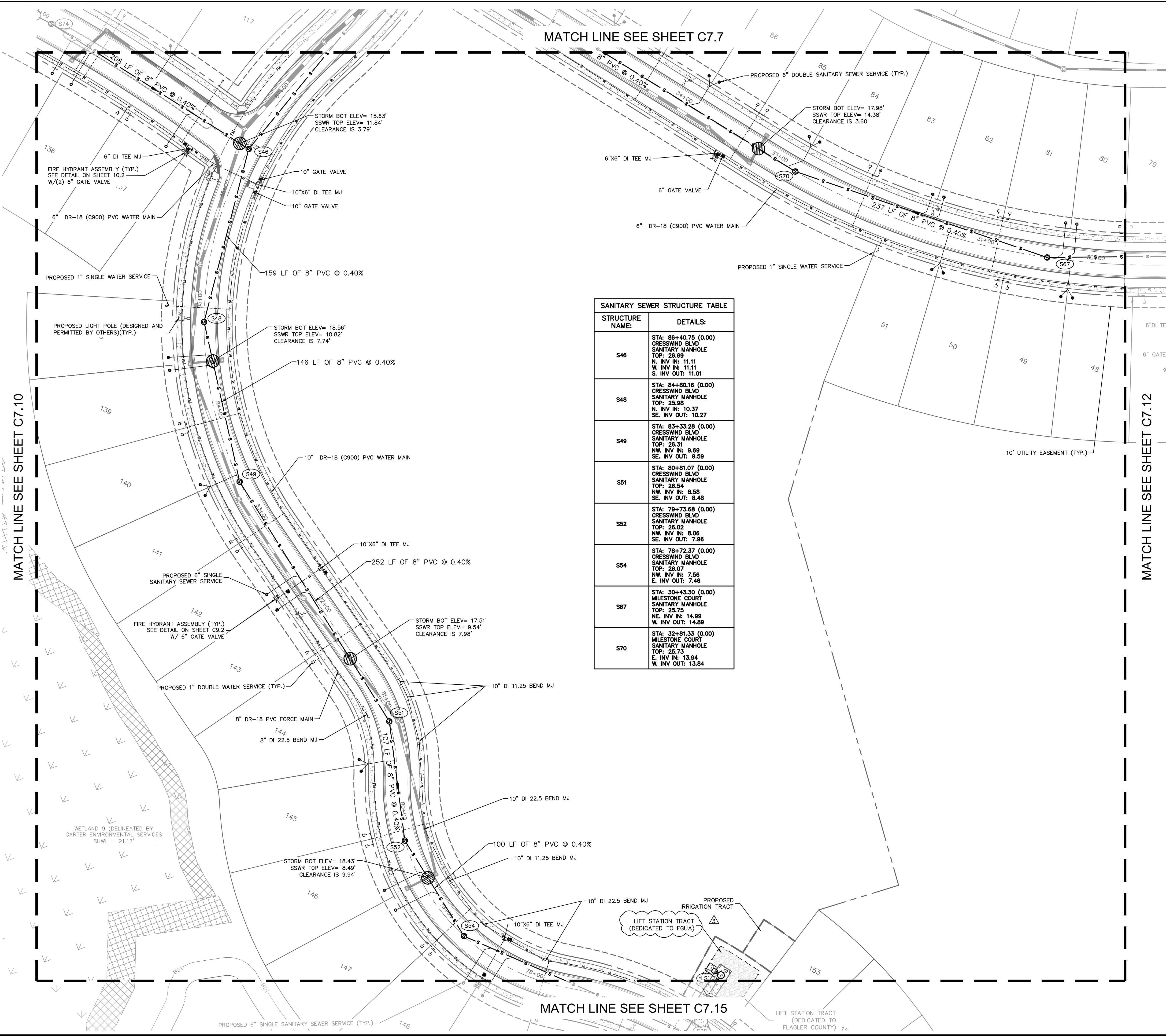
LICENSED PROFESSIONAL	CORY N. STILER, P.E.
KHA PROJECT	249027001
DATE	08/28/2024
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMH
CHECKED BY	CNS
DATE	08/28/2024

**DETAILED UTILITY PLAN**

**CRESSWIND AT FLAGLER BEACH**  
 FLORIDA  
 FLAGLER COUNTY

SHEET NUMBER  
**C7.10**

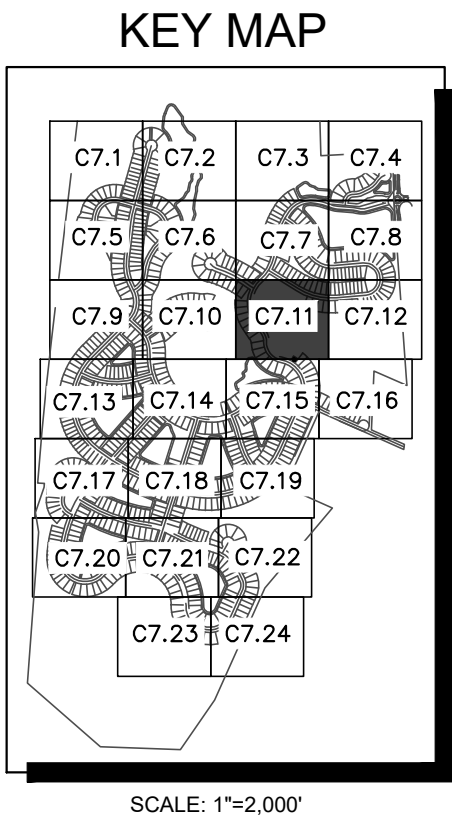
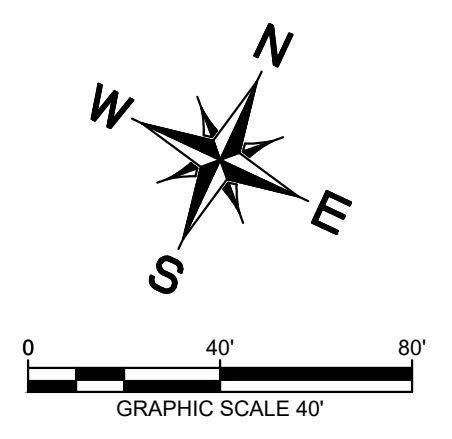
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MATCH LINE SEE SHEET C7.7

MATCH LINE SEE SHEET C7.15

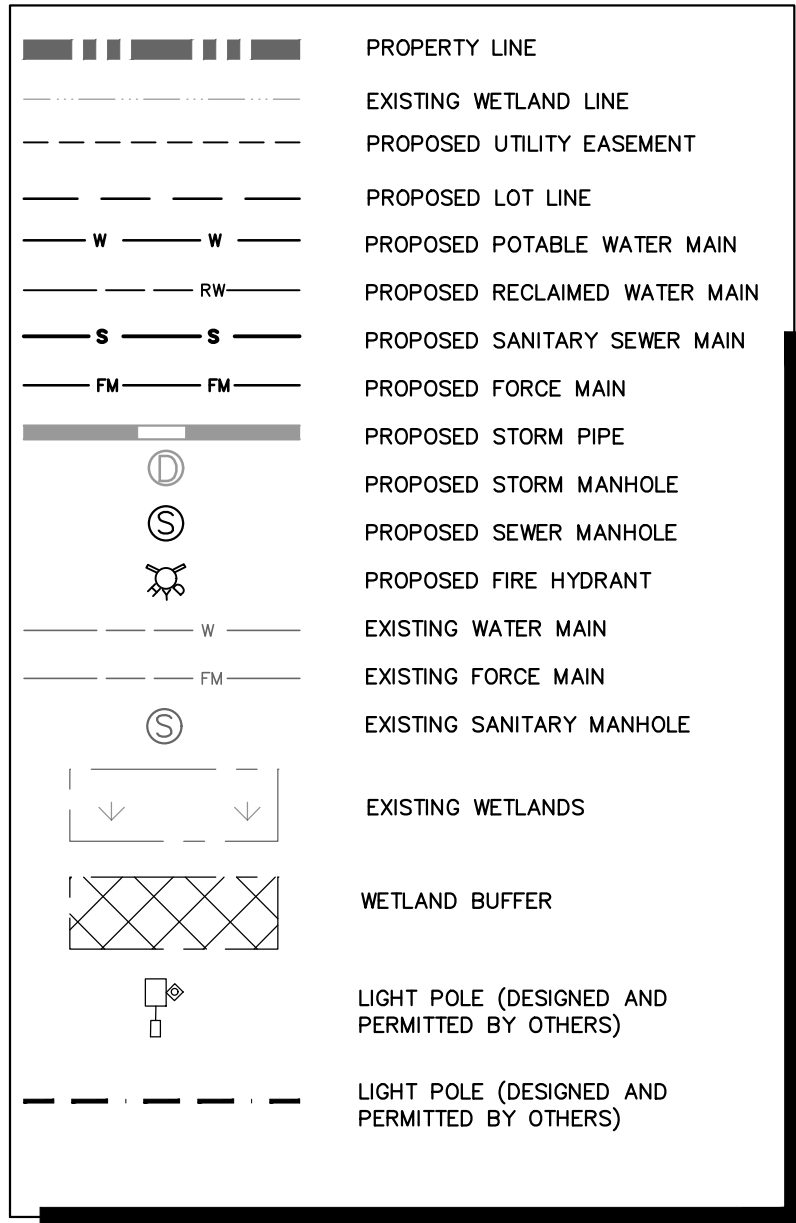
STRUCTURE NAME:	DETAILS:
S46	STA: 86+40.75 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.69 N. INV IN: 11.11 W. INV IN: 11.11 S. INV OUT: 11.01
S48	STA: 84+80.16 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.98 N. INV IN: 10.37 SE. INV OUT: 10.27
S49	STA: 83+33.28 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.31 NW. INV IN: 9.69 SE. INV OUT: 9.59
S51	STA: 80+81.07 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.54 NW. INV IN: 8.58 SE. INV OUT: 8.48
S52	STA: 79+73.88 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.02 NW. INV IN: 8.06 SE. INV OUT: 7.96
S54	STA: 78+72.37 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.07 NW. INV IN: 7.56 E. INV OUT: 7.46
S67	STA: 30+43.30 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.75 NE. INV IN: 14.99 W. INV OUT: 14.89
S70	STA: 32+81.33 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.73 E. INV IN: 13.94 W. INV OUT: 13.84



UTILITY PLAN NOTES

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  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

UTILITY PLAN LEGEND



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PHONE: 407-898-1511  
WWW.KIMLEY-HORN.COM  
REGISTRY No. 696

COUNTY COMMENTS #3  
COUNTY COMMENTS #2  
COUNTY COMMENTS #1

DATE  
REVISIONS

LICENSED PROFESSIONAL  
CORY N. STILER, P.E.  
FLORIDA LICENSE NUMBER  
89984

DATE: 08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MIM

CHECKED BY: CNS

CRESSWIND AT FLAGLER BEACH

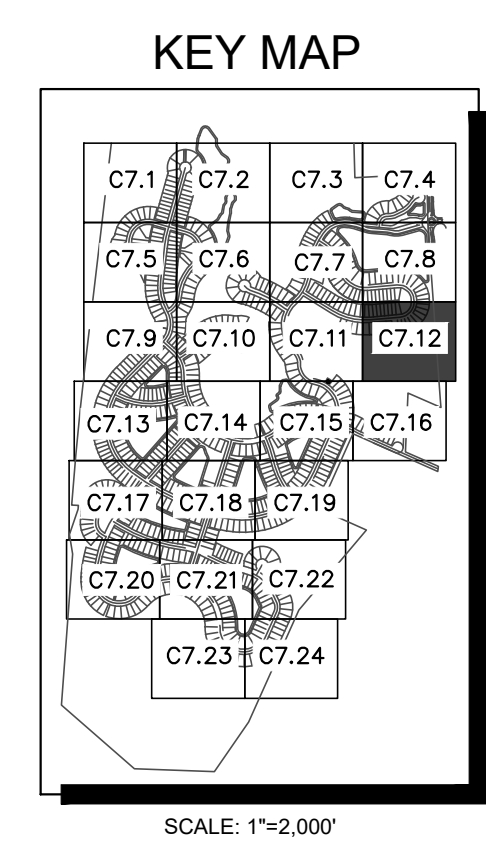
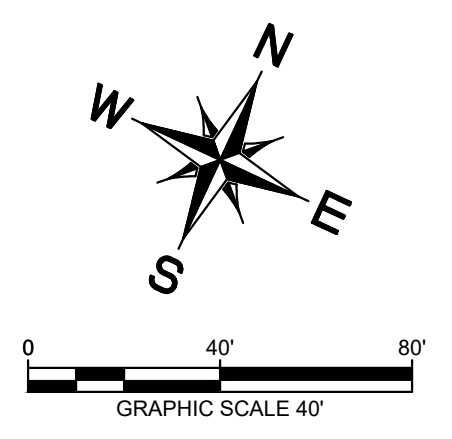
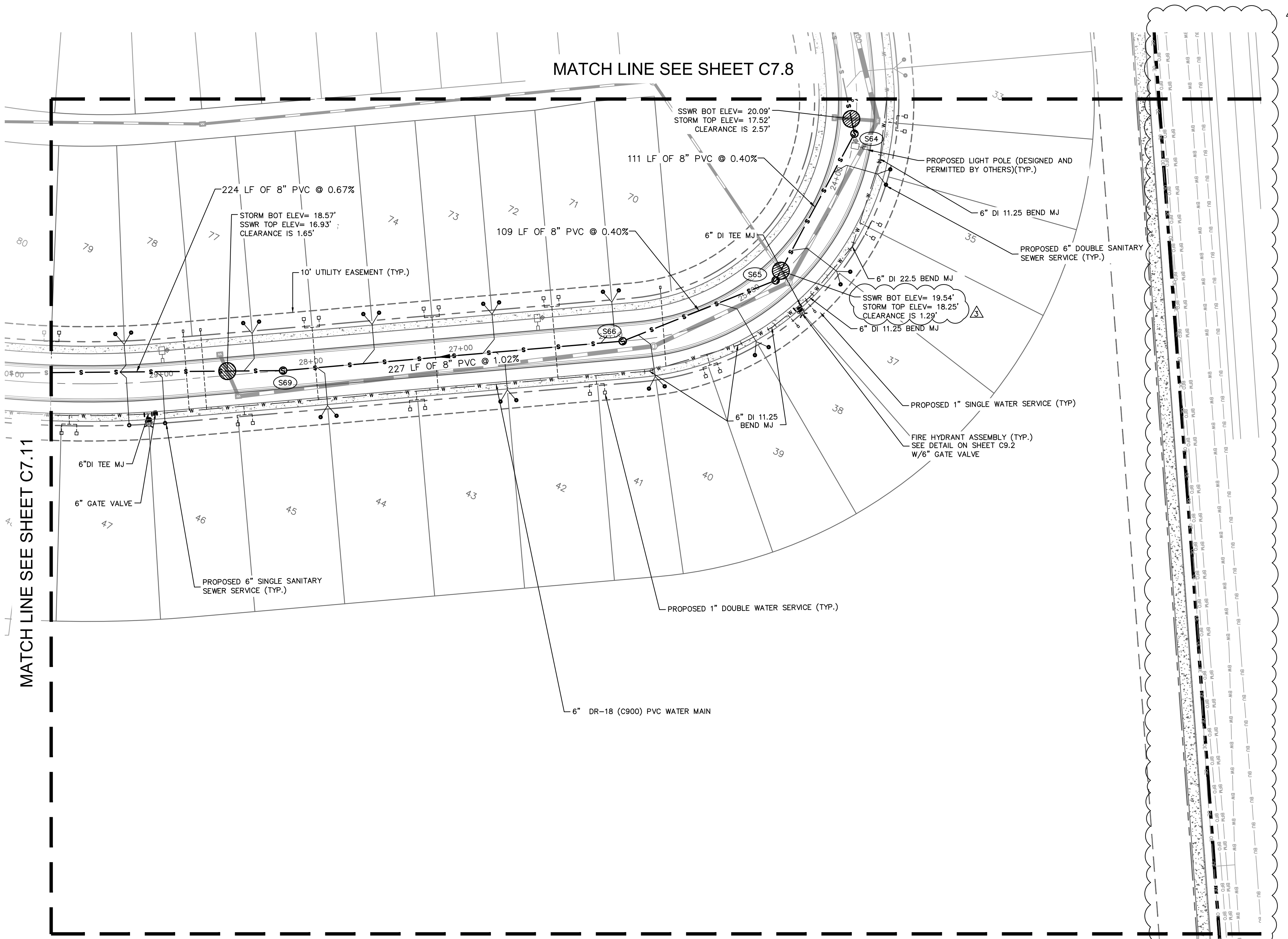
FLORIDA

DETAILED UTILITY PLAN

FLAGLER COUNTY

SHEET NUMBER  
C7.11

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**UTILITY PLAN LEGEND**

	PROPERTY LINE
	EXISTING WETLAND LINE
	PROPOSED UTILITY EASEMENT
	PROPOSED LOT LINE
	PROPOSED POTABLE WATER MAIN
	PROPOSED RECLAIMED WATER MAIN
	PROPOSED SANITARY SEWER MAIN
	PROPOSED FORCE MAIN
	PROPOSED STORM PIPE
	PROPOSED STORM MANHOLE
	PROPOSED SEWER MANHOLE
	PROPOSED FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING FORCE MAIN
	EXISTING SANITARY MANHOLE
	EXISTING WETLANDS
	WETLAND BUFFER
	LIGHT POLE (DESIGNED AND PERMITTED BY OTHERS)
	LIGHT POLE (DESIGNED AND PERMITTED BY OTHERS)

**SANITARY SEWER STRUCTURE TABLE**

STRUCTURE NAME:	DETAILS:
S64	STA: 23+67.65 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.21 NW. INV IN: 20.07 S. INV OUT: 19.97
S65	STA: 24+80.65 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.92 N. INV IN: 19.53 SW. INV OUT: 19.43
S66	STA: 25+92.28 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 26.61 NE. INV IN: 18.99 SW. INV OUT: 18.89
S69	STA: 28+18.94 (0.00) MILESTONE COURT SANITARY MANHOLE TOP: 25.23 NE. INV IN: 18.59 SW. INV OUT: 18.49

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 DRAWN BY: MIM  
 CHECKED BY: CNS

FLORIDA

**DETAILED UTILITY PLAN**

**CRESSWIND AT FLAGLER BEACH**

FLAGLER COUNTY

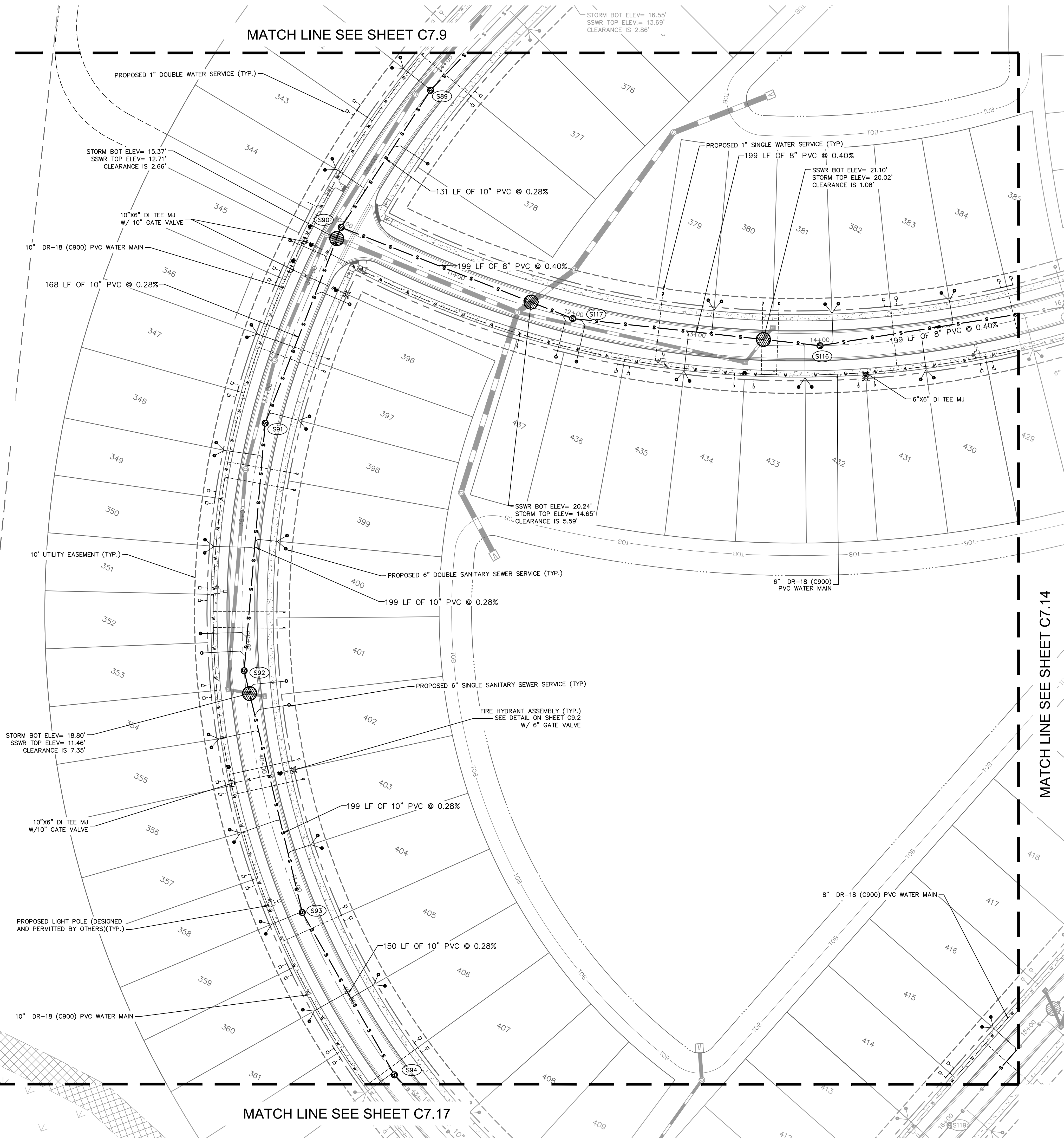
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REVISIONS

No.	DATE	BY
△	08/28/24	KHA
△	06/19/24	KHA
△	5/30/23	KHA

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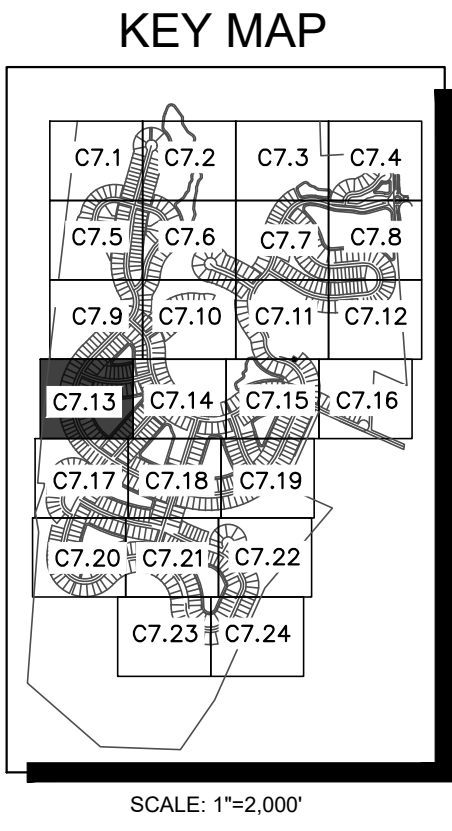
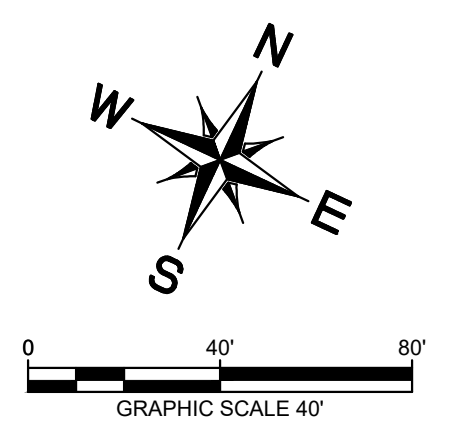
STRUCTURE NAME:	DETAILS:
S89	STA: 34+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.97 N. INV IN: 12.45 S. INV OUT: 12.35
S90	STA: 35+54.97 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.78 N. INV IN: 11.98 E. INV IN: 19.61 S. INV OUT: 11.88
S91	STA: 37+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.03 N. INV IN: 11.41 S. INV OUT: 11.31
S92	STA: 39+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.04 N. INV IN: 10.75 SE. INV OUT: 10.65
S93	STA: 41+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.85 NW. INV IN: 10.10 SE. INV OUT: 10.00
S94	STA: 42+73.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.06 NW. INV IN: 9.58 E. INV OUT: 9.48
S116	STA: 14+00.00 (0.00) MILESTONE AVENUE SANITARY MANHOLE TOP: 25.08 NE. INV IN: 21.40 W. INV OUT: 21.30
S117	STA: 12+00.00 (0.00) MILESTONE AVENUE SANITARY MANHOLE TOP: 25.67 E. INV IN: 20.51 W. INV OUT: 20.41



MATCH LINE SEE SHEET C7.9

MATCH LINE SEE SHEET C7.14

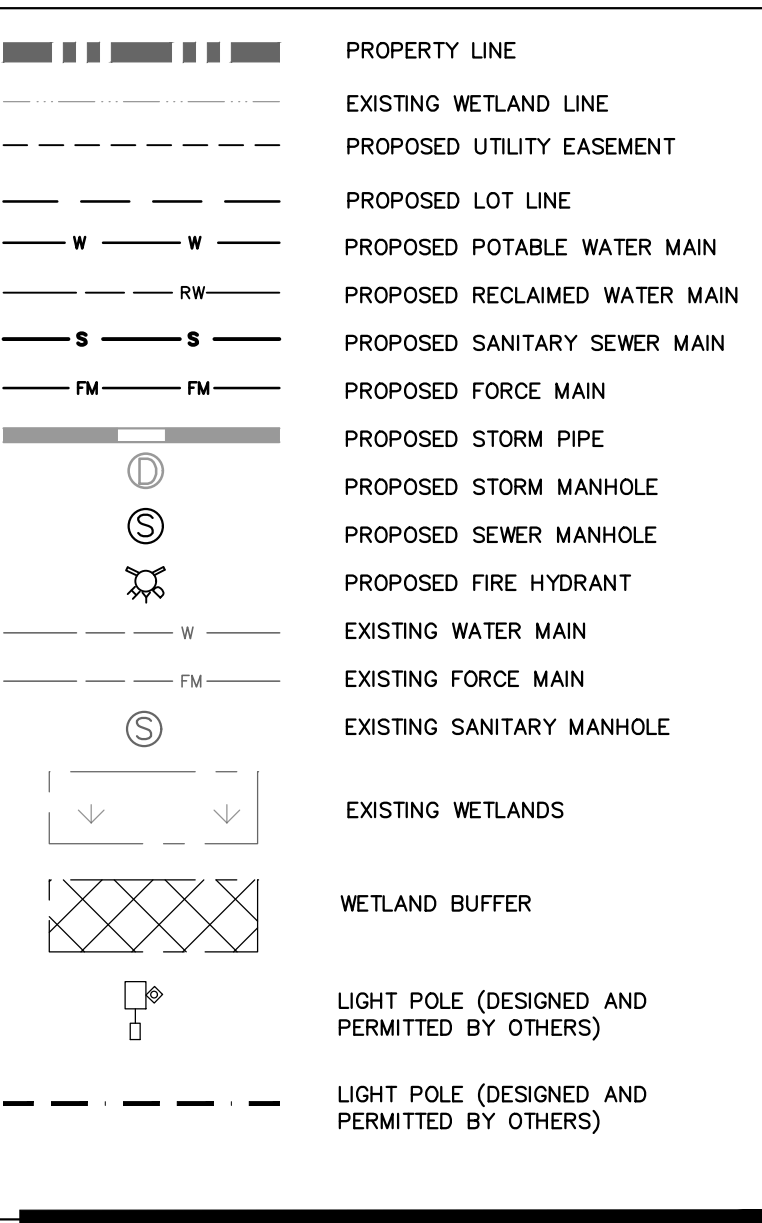
MATCH LINE SEE SHEET C7.17



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UTILITY PLAN LEGEND



**Kimley»Horn**

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200 S. ORANGE AVENUE, SUITE 600, ORLANDO, FL 32801  
PHONE: 407-898-1511  
WWW.KIMLEY-HORN.COM  
REGISTRY No. 696

COUNTY COMMENTS #3  
08/28/24 KHA

COUNTY COMMENTS #2  
06/19/24 KHA

COUNTY COMMENTS #1  
5/30/23 KHA

REVISIONS

No.	DATE	BY

LICENSED PROFESSIONAL

CORY N. STILER, P.E.

FLORIDA LICENSE NUMBER  
89984

DATE: 08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: MIM

CHECKED BY: CNS

**CRESSWIND AT FLAGLER BEACH**

FLORIDA

**DETAILED UTILITY PLAN**

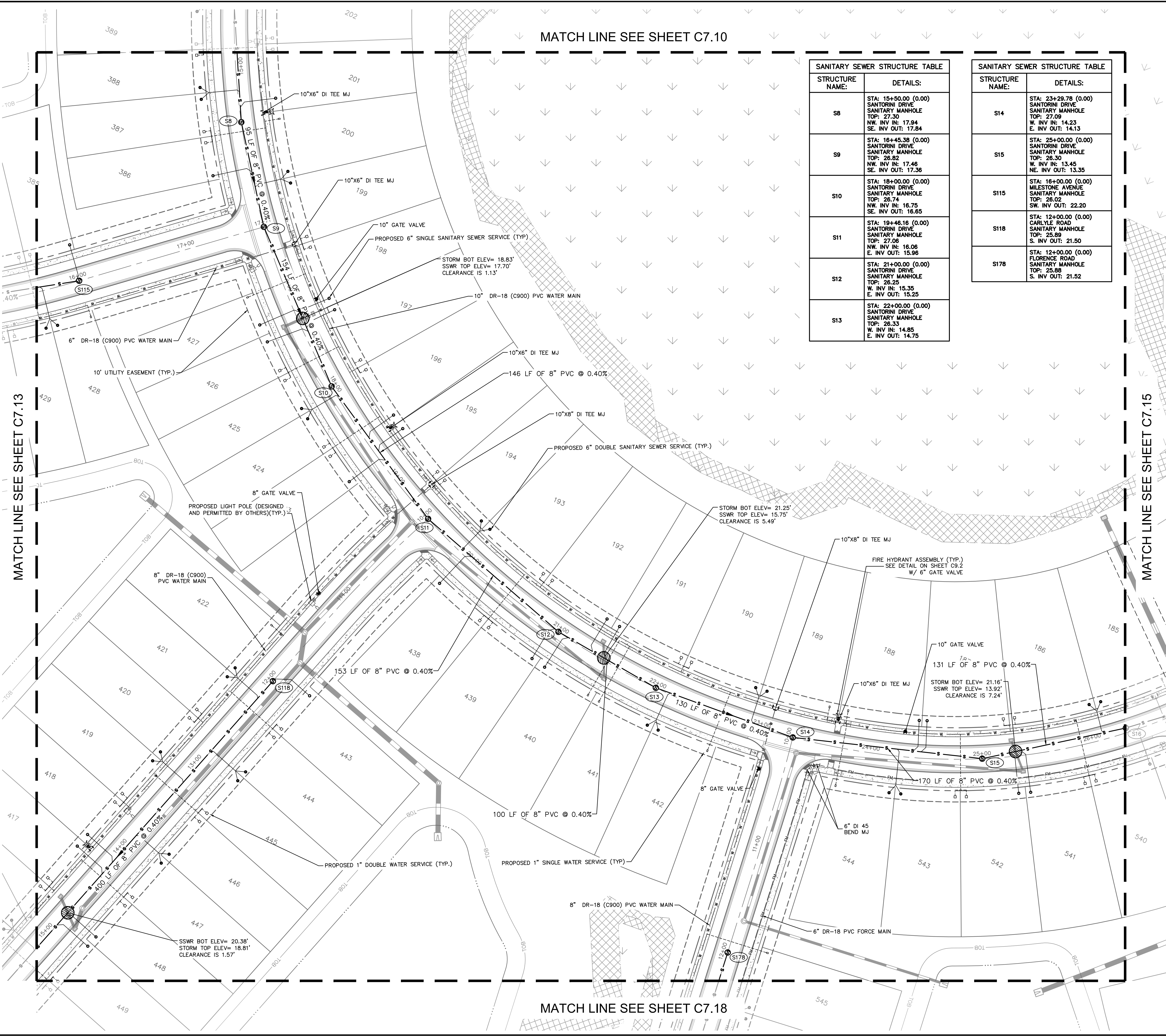
FLAGLER COUNTY

SHEET NUMBER

**C7.13**



Plotted By: Bubby, Mary, Date: August 27, 2024, 10:19:24am, File Path: K:\VRL\Civil\249027001-Eggle Lake\CADD\CONSTR\PlanSheets\MASS GRADING - SOUTH\C7.11 - Utility Plan.dwg  
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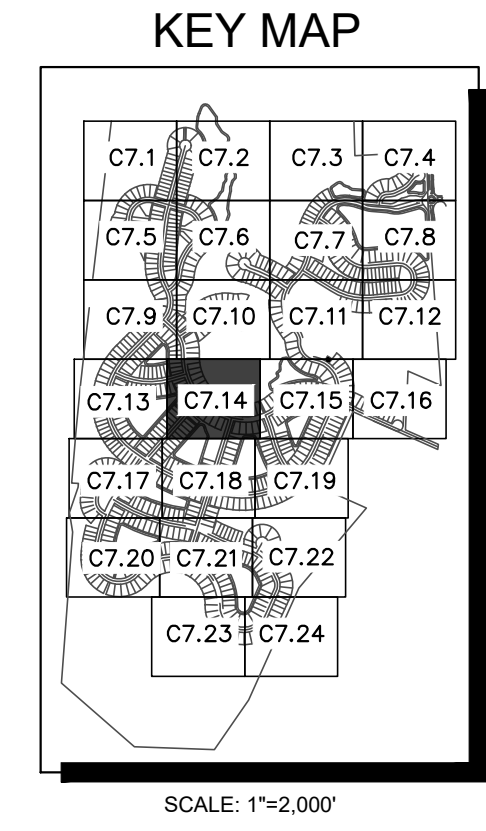
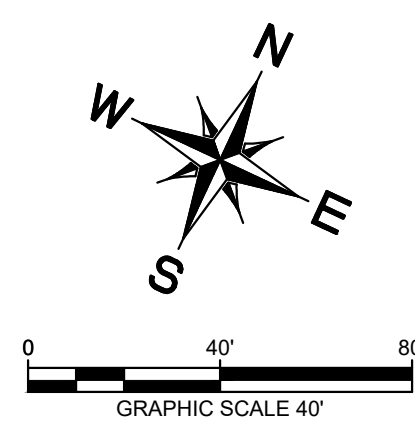
MATCH LINE SEE SHEET C7.13

MATCH LINE SEE SHEET C7.15

MATCH LINE SEE SHEET C7.18

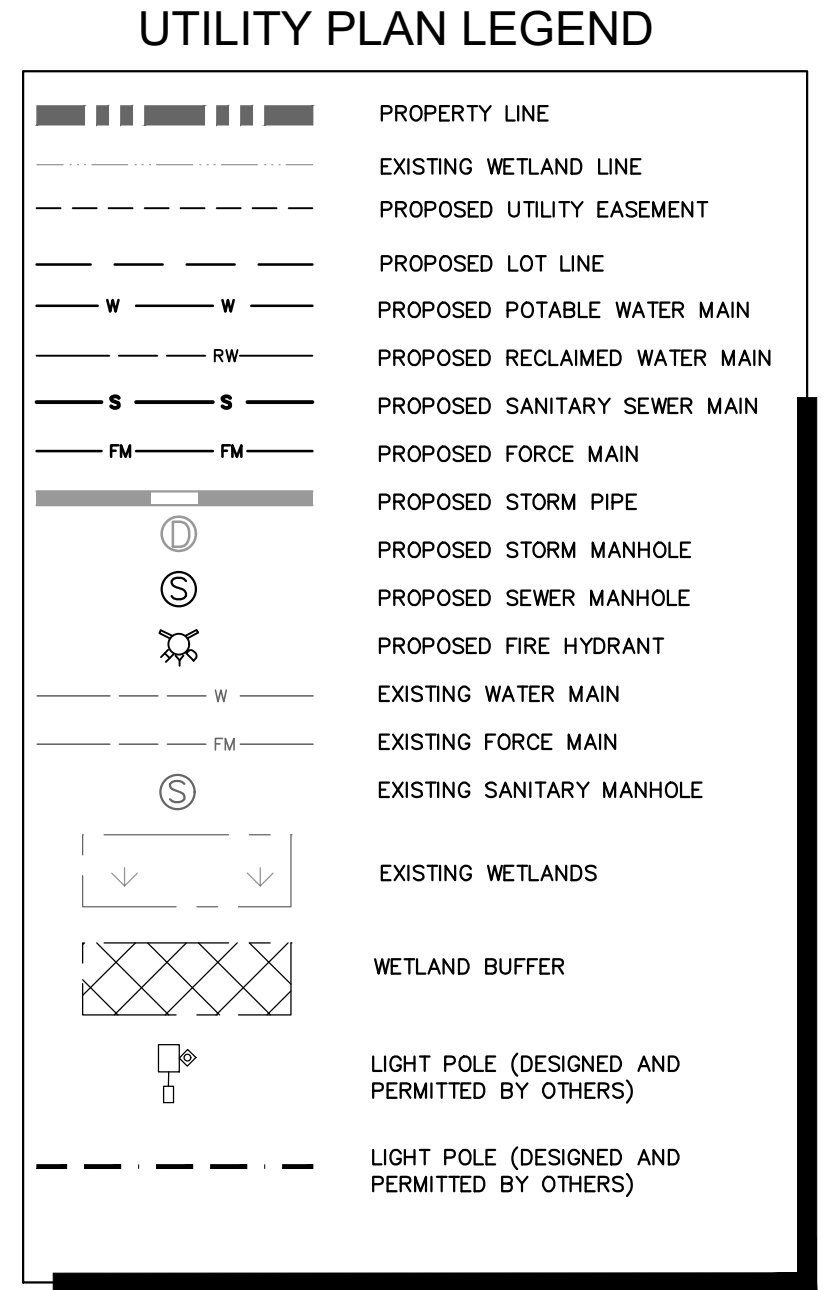
STRUCTURE NAME:	DETAILS:
S8	STA: 15+50.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 27.30 NW. INV IN: 17.94 SE. INV OUT: 17.84
S9	STA: 16+45.38 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.82 NW. INV IN: 17.46 SE. INV OUT: 17.36
S10	STA: 18+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.74 NW. INV IN: 16.75 SE. INV OUT: 16.65
S11	STA: 19+46.16 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 27.06 NW. INV IN: 16.06 E. INV OUT: 15.96
S12	STA: 21+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.33 W. INV IN: 15.35 E. INV OUT: 15.25
S13	STA: 22+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.33 W. INV IN: 14.85 E. INV OUT: 14.75

STRUCTURE NAME:	DETAILS:
S14	STA: 23+29.78 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 27.09 W. INV IN: 14.23 E. INV OUT: 14.13
S15	STA: 25+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.30 W. INV IN: 13.45 NE. INV OUT: 13.35
S115	STA: 16+00.00 (0.00) MILESTONE AVENUE SANITARY MANHOLE TOP: 26.02 SW. INV OUT: 22.20
S118	STA: 12+00.00 (0.00) CARLEE ROAD SANITARY MANHOLE TOP: 25.89 S. INV OUT: 21.50
S178	STA: 12+00.00 (0.00) FLORENCE ROAD SANITARY MANHOLE TOP: 25.88 S. INV OUT: 21.52



UTILITY PLAN NOTES

- NOTES:**
- ALL POTABLE WATER MAINS, DOMESTIC WASTEWATER GRAVITY SEWER, WASTEWATER FORCE MAINS, AND PIPES CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF SIX (6) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE.
  - THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND GRAVITY SEWER MAINS MAY BE REDUCED TO THREE (3) FEET WHERE THE BOTTOM OF THE WATER MAIN IS INSTALLED AT LEAST SIX (6) INCHES ABOVE THE TOP OF THE SEWER MAIN.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF STORM SEWER PIPING OR PIPING CARRYING UNRESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL BE MAINTAINED.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF A VACUUM-TYPE SANITARY SEWER SHALL BE MAINTAINED.
  - MINIMUM VERTICAL SEPARATION OF SIX (6) INCHES, AND PREFERABLY TWELVE (12) INCHES ABOVE THE UTILITY, OUTSIDE OF PIPE TO OUTSIDE OF PIPE, SHALL BE MAINTAINED BETWEEN POTABLE WATER PIPING AND WASTEWATER GRAVITY PIPING, VACUUM-TYPE SANITARY SEWER, OR STORMWATER PIPING.
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  - TREES (PLANTED OR EXISTING) LOCATED NEAR PUBLICLY OWNED OR MAINTAINED PROPOSED OR EXISTING UTILITY LINES, MUST NOT BE WITHIN 7.5' FROM THE CENTERLINE OF THE PROPOSED OR EXISTING UTILITY LINE.
  - REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C10.0 AND C10.5.
  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.



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 REGISTRY No. 696

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**DETAILED UTILITY PLAN**

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**CRESSWIND AT FLAGLER BEACH**

---

FLORIDA

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SHEET NUMBER  
**C7.14**

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KHA PROJECT	249027001
DATE	08/28/2024
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMH
CHECKED BY	CNS
LICENSED PROFESSIONAL	CORY N. SILER, P.E.
FLORIDA LICENSE NUMBER	89984
DATE	08/28/2024

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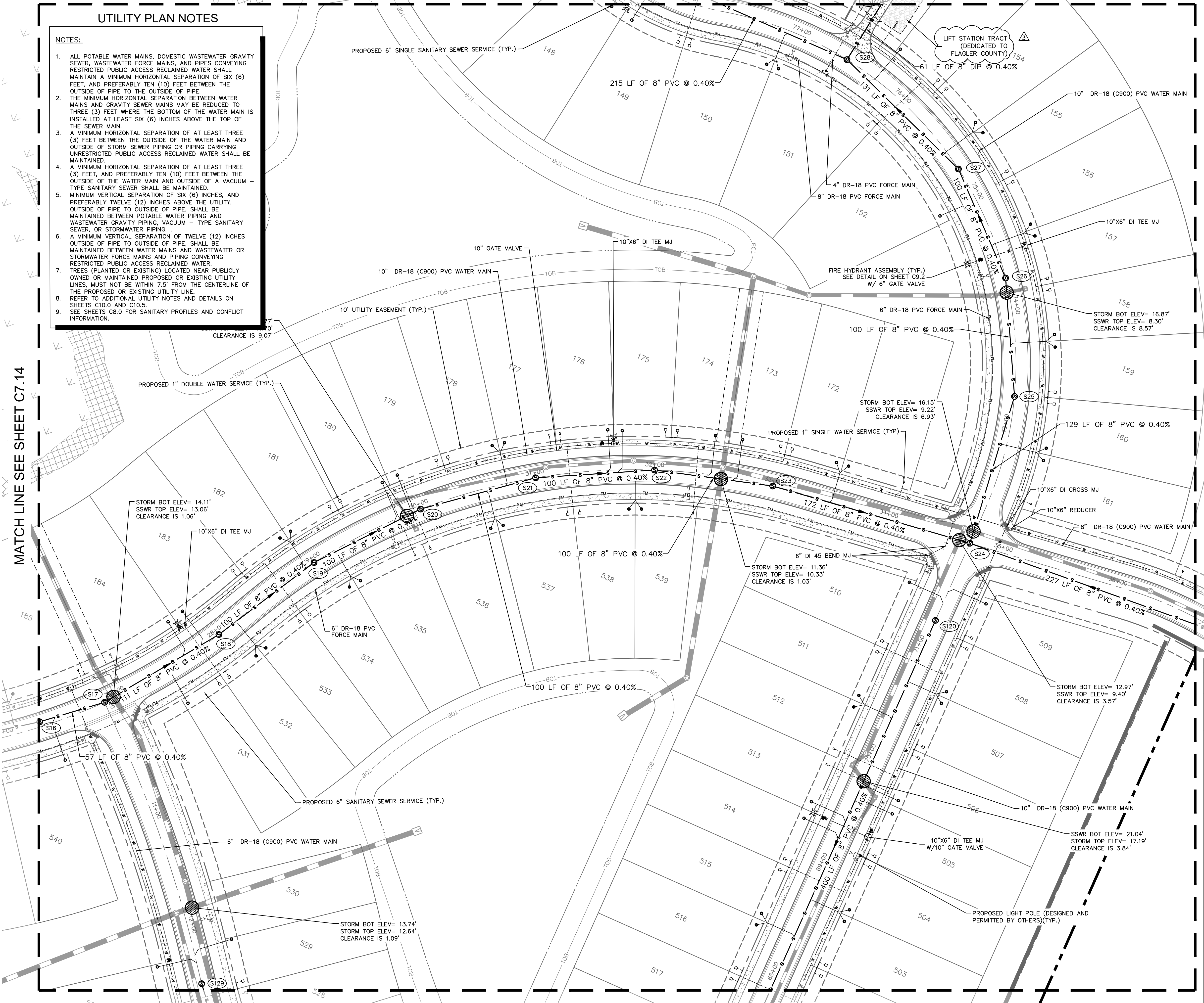
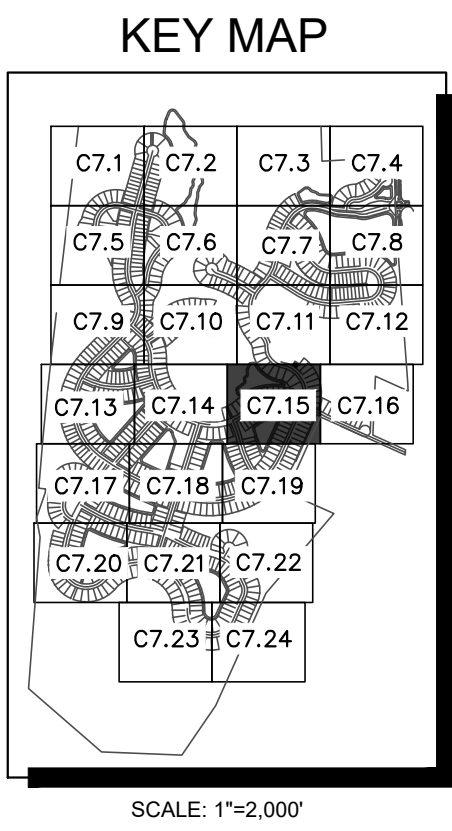
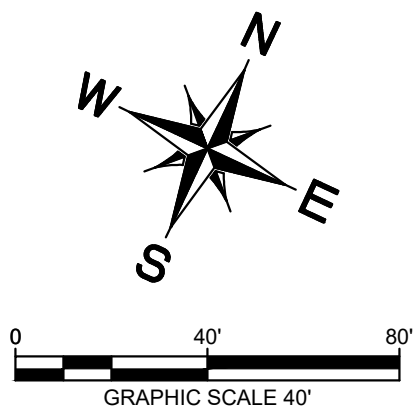
COUNTY COMMENTS #3	08/28/24 KHA
COUNTY COMMENTS #2	06/19/24 KHA
COUNTY COMMENTS #1	5/30/23 KHA
REVISIONS	DATE
BY	DATE

Plotted By: Bubby, Mary, Date: August 27, 2024, 10:20:08am File Path: K:\ORL\_Civil\249027001-Eggle Lake\CAADD\CONSTR\PlanSheets\MASS GRADING - SOUTH\C7.1 - Utility Plan.dwg  
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  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

MATCH LINE SEE SHEET C7.11

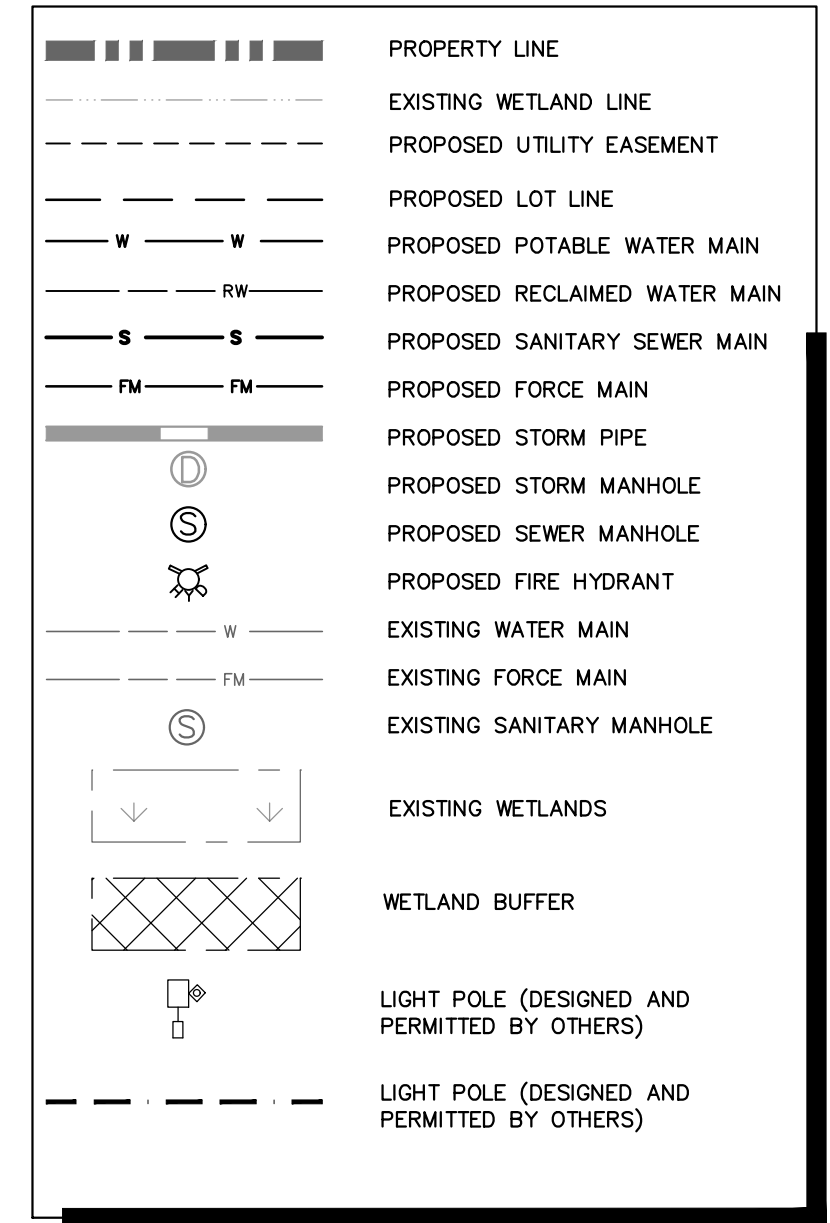


MATCH LINE SEE SHEET C7.14

MATCH LINE SEE SHEET C7.16

MATCH LINE SEE SHEET C7.19

**UTILITY PLAN LEGEND**



STRUCTURE NAME	DETAILS:
LS1	STA: 76+55.51 (60.74RT) CRESSWIND BLVD LIFT STATION TOP: 26.17 S. INV IN: 6.10
S16	STA: 26+31.57 (-4.21LT) SANTORINI DRIVE SANITARY MANHOLE TOP: 25.56 SW. INV IN: 12.83 NE. INV OUT: 12.73
S17	STA: 26+88.47 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.93 SW. INV IN: 12.50 NE. INV OUT: 12.40
S18	STA: 28+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.48 SW. INV IN: 11.96 NE. INV OUT: 11.86
S19	STA: 29+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 25.98 SW. INV IN: 11.48 NE. INV OUT: 11.36
S20	STA: 30+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 25.64 SW. INV IN: 10.96 NE. INV OUT: 10.86
S21	STA: 31+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.21 SW. INV IN: 10.48 NE. INV OUT: 10.36
S22	STA: 32+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.80 SW. INV IN: 9.96 E. INV OUT: 9.86

STRUCTURE NAME	DETAILS:
S23	STA: 33+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.63 W. INV IN: 9.46 E. INV OUT: 9.36
S24	STA: 71+94.40 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.80 W. INV IN: 8.67 E. INV IN: 19.91 N. INV OUT: 8.57
S25	STA: 73+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.14 S. INV IN: 8.06 NW. INV OUT: 7.96
S26	STA: 74+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 24.86 SE. INV IN: 7.56 NW. INV OUT: 7.46
S27	STA: 75+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.65 SE. INV IN: 7.06 W. INV OUT: 6.96
S28	STA: 76+55.51 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.71 E. INV IN: 6.44 W. INV IN: 6.60 N. INV OUT: 6.34
S120	STA: 71+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.50 S. INV OUT: 21.65
S129	STA: 12+50.00 (0.00) CLARIDGE AVENUE SANITARY MANHOLE TOP: 25.30 SE. INV OUT: 21.23

NO.	REVISIONS	DATE	BY
1	COUNTY COMMENTS #3	08/28/24	KHA
2	COUNTY COMMENTS #2	06/19/24	KHA
3	COUNTY COMMENTS #1	5/30/23	KHA

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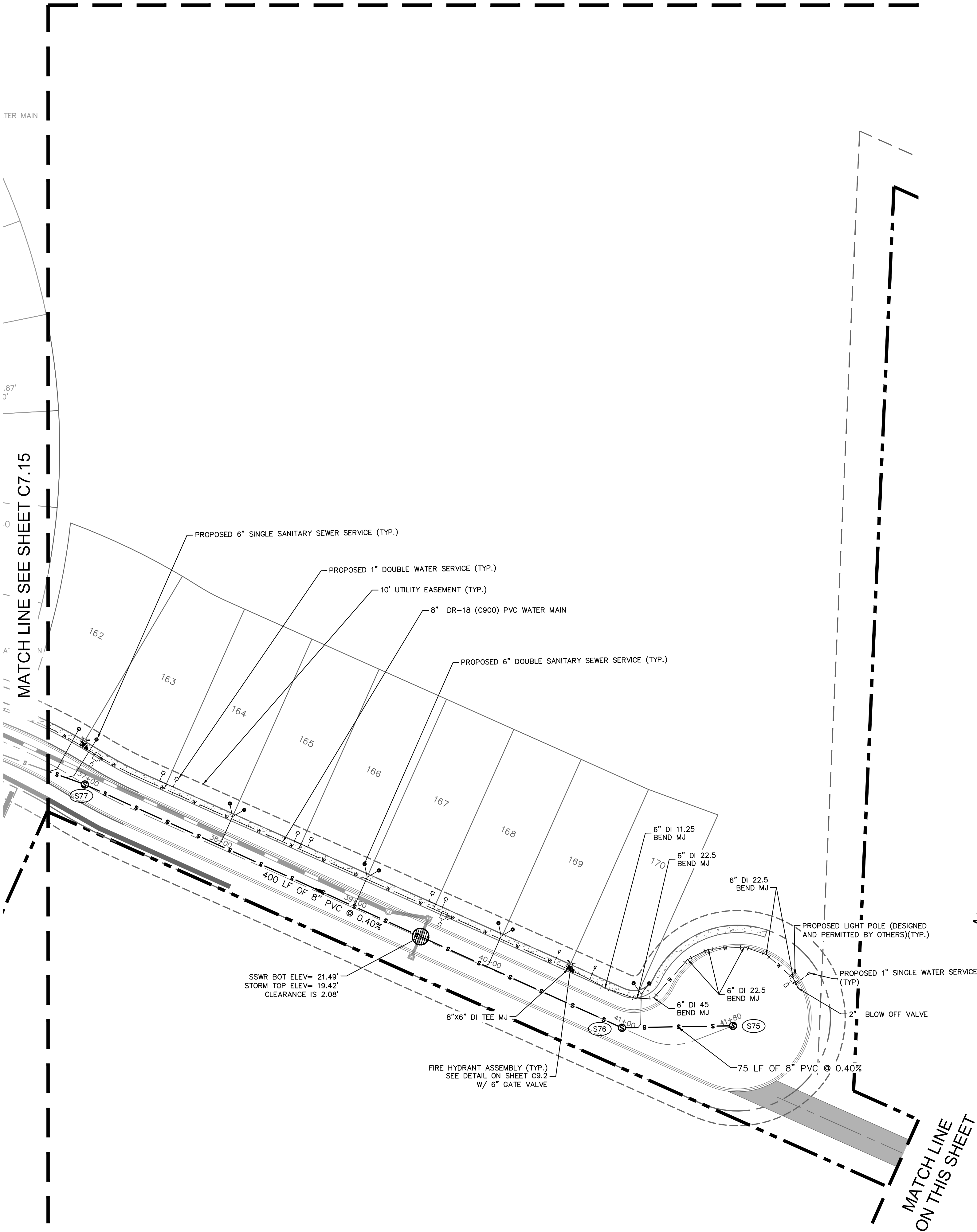
KHA PROJECT	249027001
LICENSED PROFESSIONAL	CORY N. STILER, P.E.
DATE	08/28/2024
SCALE	AS SHOWN
DESIGNED BY	CNS
DRAWN BY	MMH
CHECKED BY	CNS
DATE	08/28/2024
REGISTRY NO.	696

**DETAILED UTILITY PLAN**  
  
**CRESSWIND AT FLAGLER BEACH**  
  
 FLORIDA  
 FLAGLER COUNTY

SHEET NUMBER  
**C7.15**

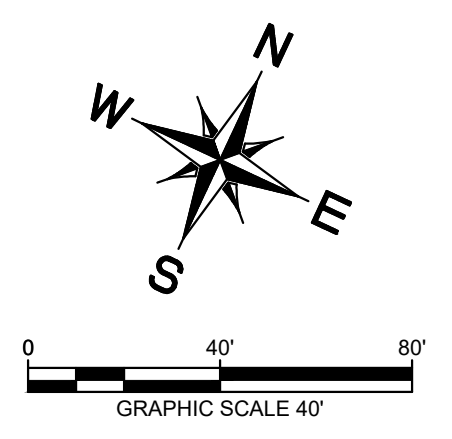
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MATCH LINE SEE SHEET C7.12

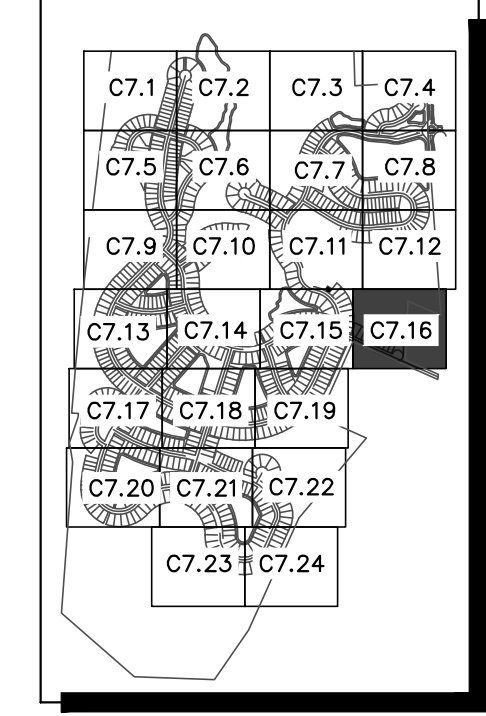


MATCH LINE ON THIS SHEET

MATCH LINE ON THIS SHEET



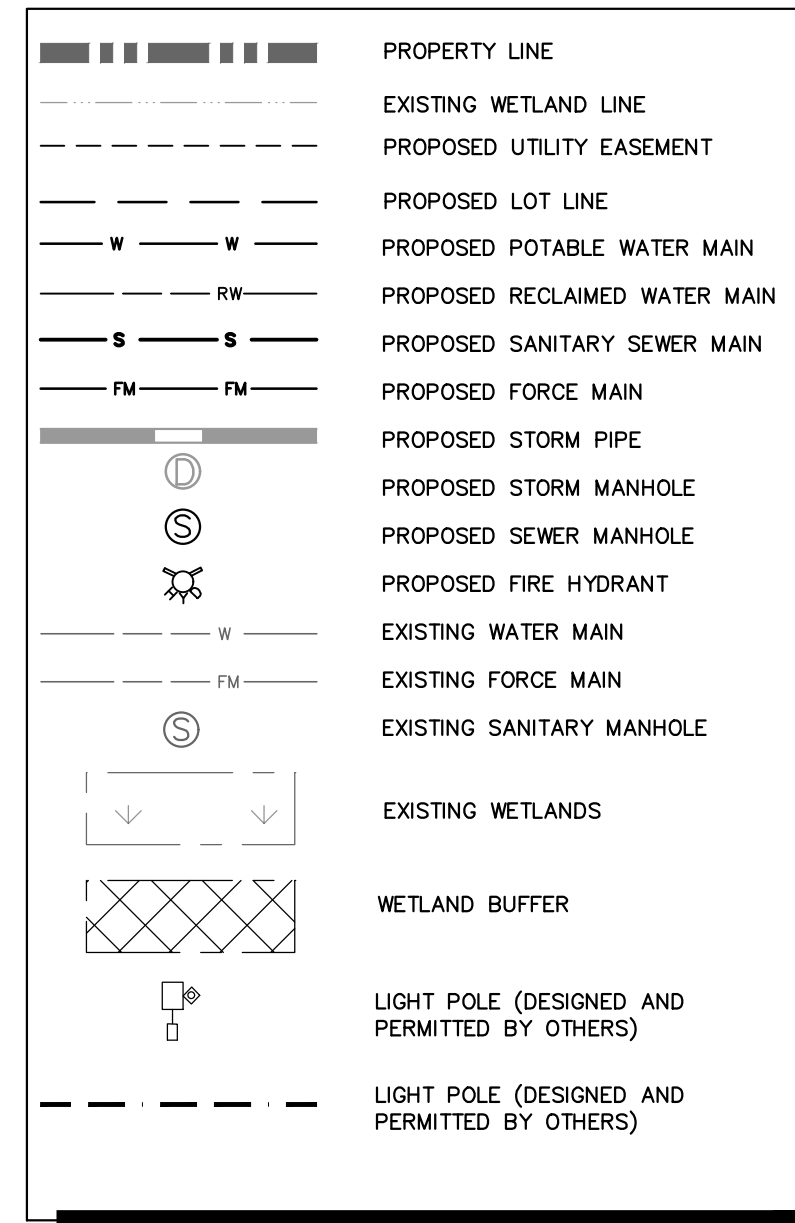
KEY MAP



SCALE: 1"=2,000'

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:
S75	STA: 41+79.73 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.83 SW. INV OUT: 22.52
S76	STA: 41+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.44 NE. INV IN: 22.22 W. INV OUT: 22.12
S77	STA: 37+00.00 (0.00) SANTORINI DRIVE SANITARY MANHOLE TOP: 26.91 E. INV IN: 20.52 W. INV OUT: 20.42

UTILITY PLAN LEGEND



UTILITY PLAN NOTES

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LICENSED PROFESSIONAL	CORY N. STILER, P.E.
KHA PROJECT	249027001
DATE	08/28/2024
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DESIGNED BY	CNS
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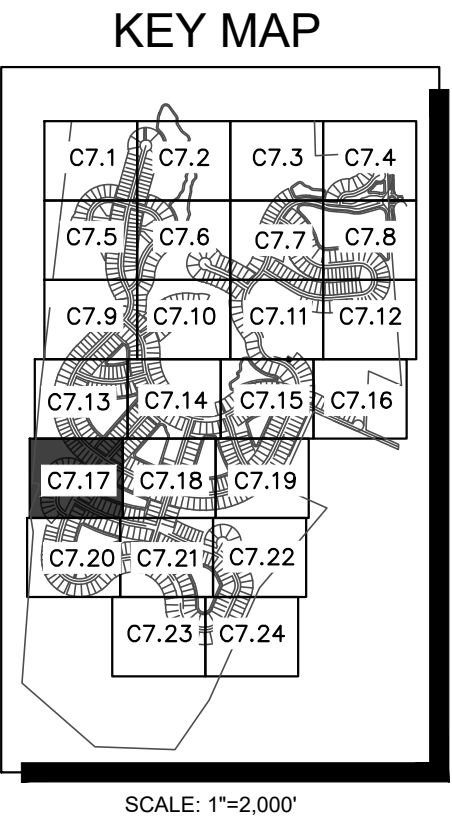
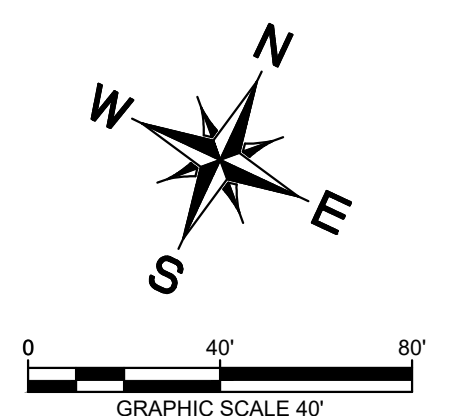
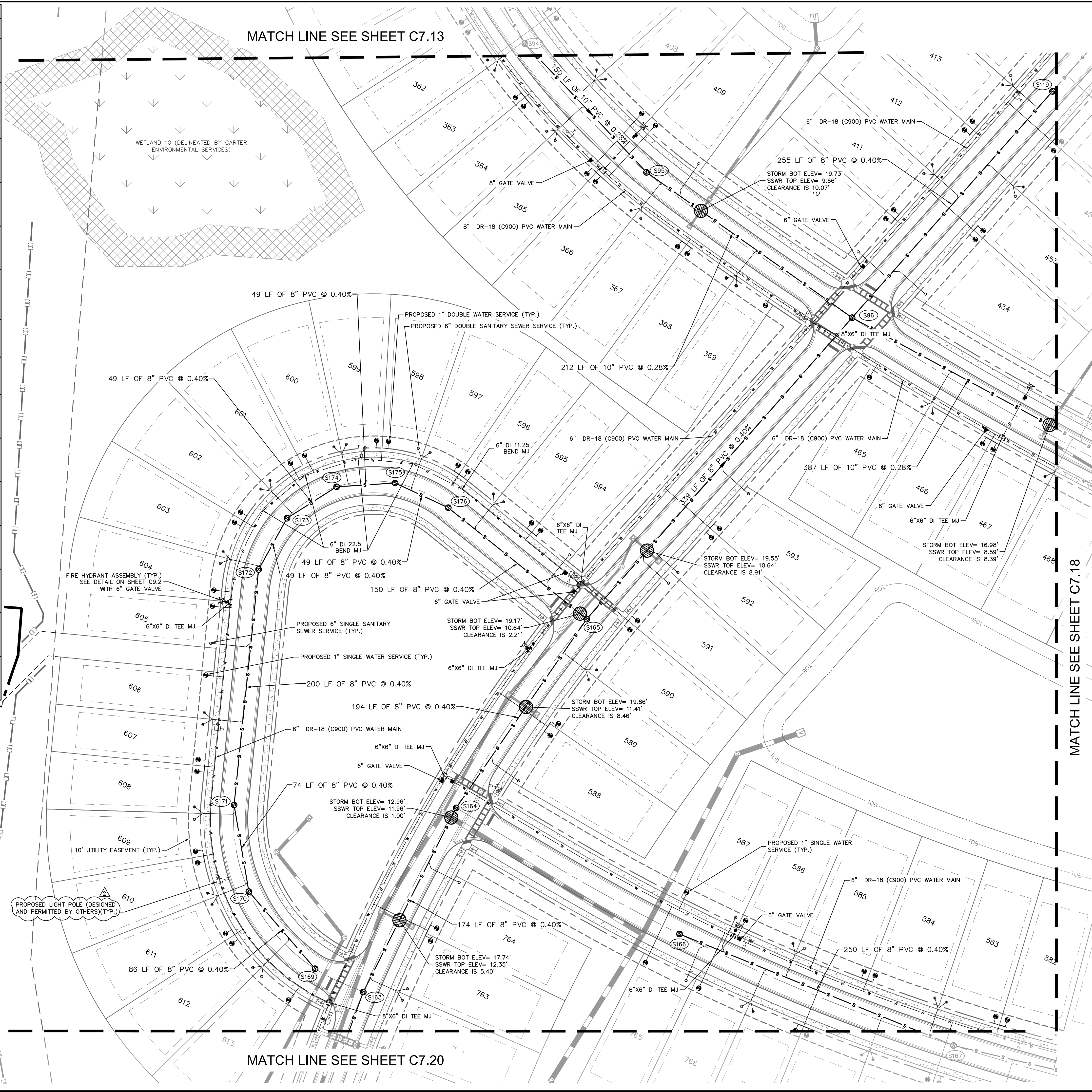
DETAILED UTILITY PLAN

CRESSWIND AT FLAGLER BEACH  
 FLAGLER COUNTY  
 FLORIDA

SHEET NUMBER  
**C7.16**

Plotted By: Bubby, Mary, Date: August 27, 2024, 10:21:39am, File Path: K:\VRL\Civil\249027001-Eggle Lake\CADD\CONSTR\PlanSheets\MASS GRADING - SOUTH\C7.17 - Utility Plan.dwg  
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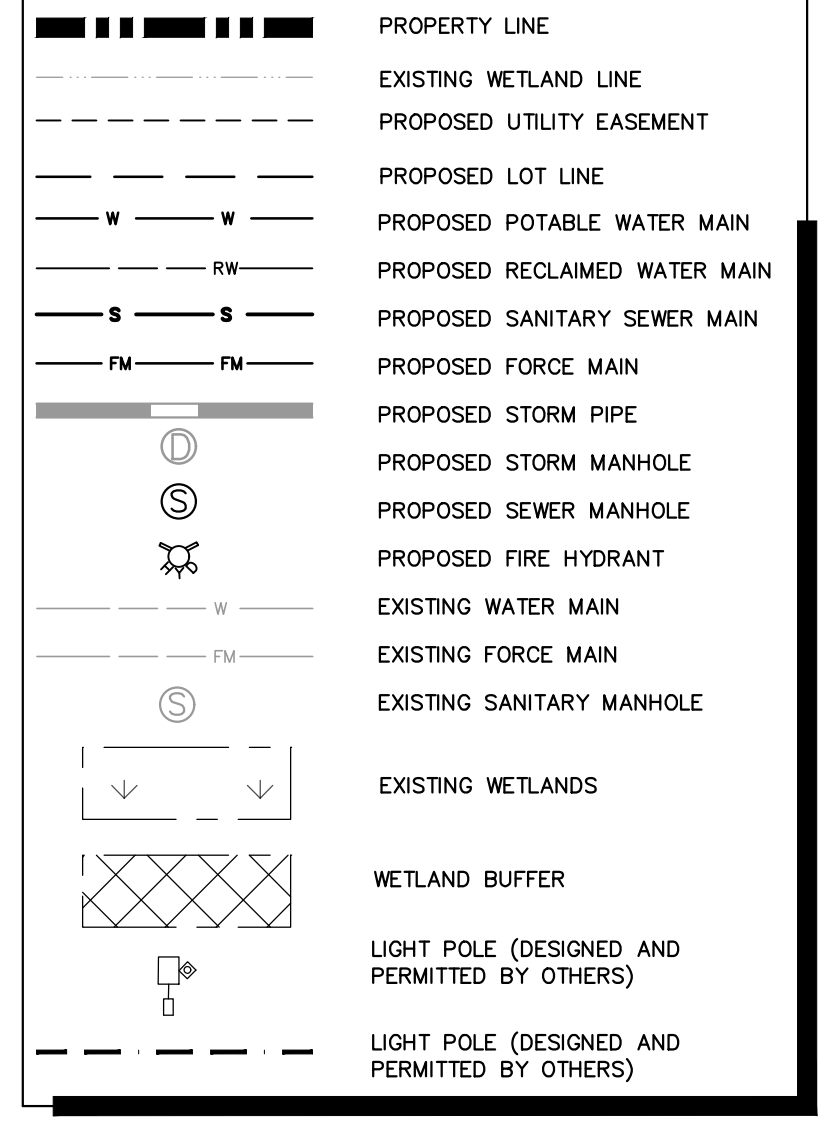
STRUCTURE NAME:	DETAILS:
S95	STA: 44+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.31 W. INV IN: 9.06 E. INV OUT: 8.96
S96	STA: 46+36.26 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.18 W. INV IN: 8.36 N. INV IN: 18.78 S. INV IN: 8.90 E. INV OUT: 8.26
S119	STA: 16+00.00 (0.00) CARLYLE ROAD SANITARY MANHOLE TOP: 24.90 N. INV IN: 19.90 S. INV OUT: 19.80
S163	STA: 25+62.39 (0.00) CARLYLE ROAD SANITARY MANHOLE TOP: 24.41 S. INV IN: 12.03 N. INV OUT: 11.93
S164	STA: 23+88.18 (0.00) CARLYLE ROAD SANITARY MANHOLE TOP: 24.83 S. INV IN: 11.23 N. INV OUT: 11.13
S165	STA: 21+94.23 (0.00) CARLYLE ROAD SANITARY MANHOLE TOP: 25.54 S. INV IN: 10.36 W. INV IN: 16.24 N. INV OUT: 10.26
S166	STA: 23+83.54 (-216.47L) CARLYLE ROAD SANITARY MANHOLE TOP: 22.78 E. INV OUT: 19.10
S169	STA: 17+12.04 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 24.55 NW. INV OUT: 19.77
S170	STA: 16+25.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 24.84 SE. INV IN: 19.43 NW. INV OUT: 19.33
S171	STA: 15+50.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 25.08 SE. INV IN: 19.03 N. INV OUT: 18.93
S172	STA: 13+50.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 25.73 S. INV IN: 18.13 N. INV OUT: 18.03
S173	STA: 13+00.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 25.90 S. INV IN: 17.83 NE. INV OUT: 17.73
S174	STA: 12+50.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 26.06 SW. INV IN: 17.53 NE. INV OUT: 17.43
S175	STA: 12+00.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 26.22 SW. INV IN: 17.24 E. INV OUT: 17.14
S176	STA: 11+50.00 (0.00) EDEN ROCK COURT SANITARY MANHOLE TOP: 26.05 W. INV IN: 16.84 E. INV OUT: 16.84



**UTILITY PLAN NOTES**

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  - A MINIMUM VERTICAL SEPARATION OF TWELVE (12) INCHES OUTSIDE OF PIPE TO OUTSIDE OF PIPE, SHALL BE MAINTAINED BETWEEN POTABLE WATER PIPING AND STORMWATER FORCE MAINS AND WASTEWATER OR RESTRICTED PUBLIC ACCESS RECLAIMED WATER.
  - TREES (PLANTED OR EXISTING) LOCATED NEAR PUBLICLY OWNED OR MAINTAINED PROPOSED OR EXISTING UTILITY LINES, MUST NOT BE WITHIN 7.5' FROM THE CENTERLINE OF THE PROPOSED OR EXISTING UTILITY LINE.
  - REFER TO ADDITIONAL UTILITY NOTES AND DETAILS ON SHEETS C10.0 AND C10.5.
  - SEE SHEETS C8.0 FOR SANITARY PROFILES AND CONFLICT INFORMATION.

**UTILITY PLAN LEGEND**



**Kimley-Horn**

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REGISTRY No. 696

LICENSED PROFESSIONAL  
CORY N. SILER, P.E.  
FLORIDA LICENSE NUMBER  
89984

DATE: 08/28/2024

KHA PROJECT  
249027001

DATE  
08/28/2024

SCALE: AS SHOWN

DESIGNED BY: CNS

DRAWN BY: WMM

CHECKED BY: CNS

COUNTY COMMENTS #3

COUNTY COMMENTS #2

COUNTY COMMENTS #1

REVISIONS

DATE

08/28/24 KHA

06/19/24 KHA

5/30/23 KHA

BY

**CRESSWIND AT FLAGLER BEACH**

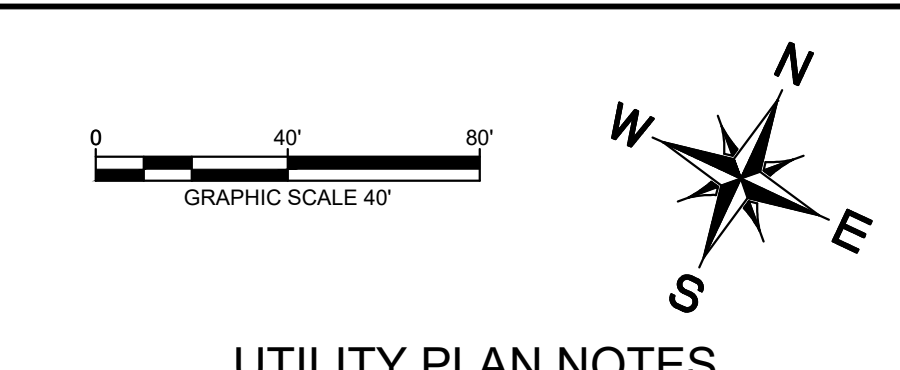
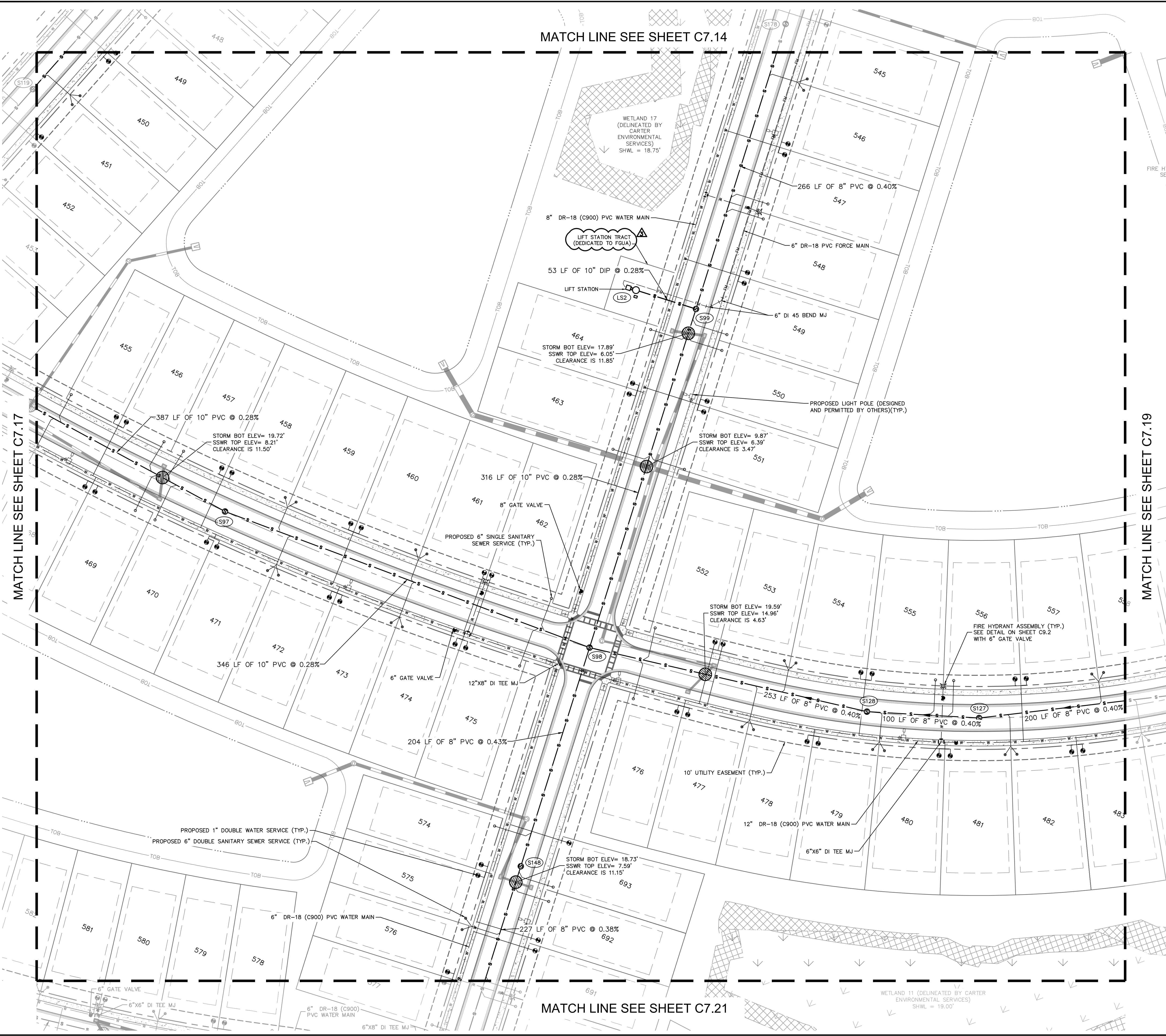
DETAILED UTILITY PLAN

FLAGLER COUNTY  
FLORIDA

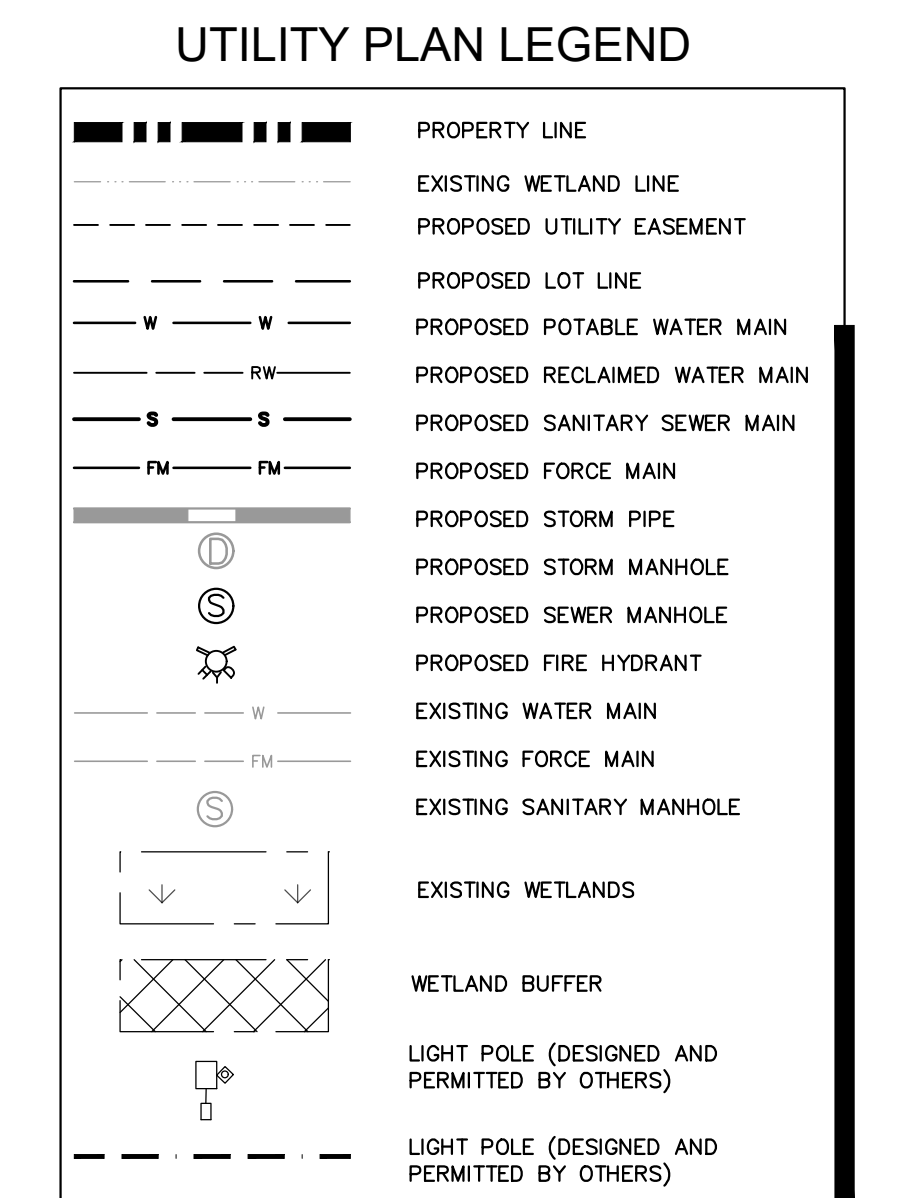
SHEET NUMBER

**C7.17**

Plotted By: Busby, Mary, Date: August 29, 2024, 04:14:05pm, File Path: K:\ORL\Civil\249027001-Eggle Lake\CADD\CONSTR\PlanSheets\MASS GRADING - SOUTH\C7.2 - Utility Plan.dwg  
 This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

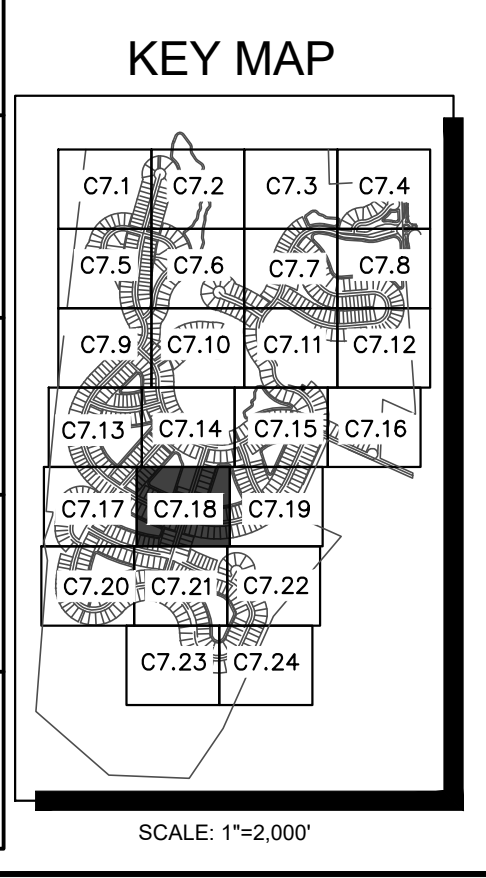


- ### UTILITY PLAN NOTES
- NOTES:
- ALL POTABLE WATER MAINS, DOMESTIC WASTEWATER GRAVITY SEWER, WASTEWATER FORCE MAINS, AND PIPES CONVEYING RESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL MAINTAIN A MINIMUM HORIZONTAL SEPARATION OF SIX (6) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF PIPE TO THE OUTSIDE OF PIPE.
  - THE MINIMUM HORIZONTAL SEPARATION BETWEEN WATER MAINS AND GRAVITY SEWER MAINS MAY BE REDUCED TO THREE (3) FEET WHERE THE BOTTOM OF THE WATER MAIN IS INSTALLED AT LEAST SIX (6) INCHES ABOVE THE TOP OF THE SEWER MAIN.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF STORM SEWER PIPING OR PIPING CARRYING UNRESTRICTED PUBLIC ACCESS RECLAIMED WATER SHALL BE MAINTAINED.
  - A MINIMUM HORIZONTAL SEPARATION OF AT LEAST THREE (3) FEET, AND PREFERABLY TEN (10) FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND OUTSIDE OF A VACUUM-TYPE SANITARY SEWER SHALL BE MAINTAINED.
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### SANITARY SEWER STRUCTURE TABLE

STRUCTURE NAME:	DETAILS:
LS2	STA: 14+65.96 (53.00RT) FLORENCE ROAD LIFT STATION TOP: 24.60 E. INV IN: 4.88
S97	STA: 50+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.30 W. INV IN: 7.18 E. INV OUT: 7.08
S98	STA: 17+81.85 (0.00) FLORENCE ROAD SANITARY MANHOLE TOP: 25.45 W. INV IN: 6.11 E. INV IN: 13.84 S. INV IN: 5.87 N. INV OUT: 6.01
S99	STA: 14+65.96 (0.00) FLORENCE ROAD SANITARY MANHOLE TOP: 24.27 S. INV IN: 5.13 N. INV IN: 20.46 W. INV OUT: 5.03
S127	STA: 57+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 26.23 NE. INV IN: 15.46 W. INV OUT: 15.36
S128	STA: 56+23.68 (0.00) CRESSWIND BLVD SANITARY MANHOLE TOP: 25.76 E. INV IN: 14.96 W. INV OUT: 14.86
S148	STA: 19+85.84 (0.00) FLORENCE ROAD SANITARY MANHOLE TOP: 24.07 S. INV IN: 6.84 N. INV OUT: 6.74



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CRESSWIND AT FLAGLER BEACH

FLAGLER COUNTY FLORIDA

SHEET NUMBER  
C7.18