

VERIFY EXISTING DITCH IS LINKED WITH PIPE IF PIPE DOES NOT EXIST, CONTRACTOR SHALL CONNECT DITCHES OR PROVIDE A PIPE

EXISTING DITCH TO BE RECONSTRUCTED AND MAINTAINED TO CROSS SECTION SHOWN

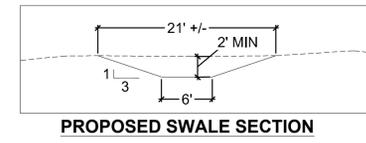
EXISTING DITCH TO BE RECONSTRUCTED AND MAINTAINED TO CROSS SECTION SHOWN

CONSTRUCT DITCH
CONSTRUCT TEMPORARY SUMP

EXISTING DITCH TO BE RECONSTRUCTED AND MAINTAINED TO CROSS SECTION SHOWN

EXISTING DITCH TO BE RECONSTRUCTED AND MAINTAINED TO CROSS SECTION SHOWN

CONSTRUCT TEMPORARY SUMP



SHEET LEGEND

C-04E1 DRAINAGE SHEET

THOMAS ENGINEERING GROUP
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 6500 NW 31ST AVENUE, SUITE 100, JUPITER, FL 33468
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 125 W. INDIANTOWN RD., SUITE 206, JUPITER, FL 33468
 P: 561-203-7503
 P: 561-203-7503
 P: 561-203-7503

REVISIONS			
REV.	DATE	COMMENT	BY

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PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-KEY-SHEET

PROJECT:
VERANO SOUTH
POD E, PLAT 1
 FOR
VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

THOMAS ENGINEERING GROUP
 PEBWORTH PROFESSIONAL PLAZA
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BRANDON ULMER
 No. 68345
 PROFESSIONAL ENGINEER
 SEPTEMBER 24, 2018
 FLORIDA LICENSE NO. 68345
 FLORIDA BUSINESS REGISTRATION NO. 27528

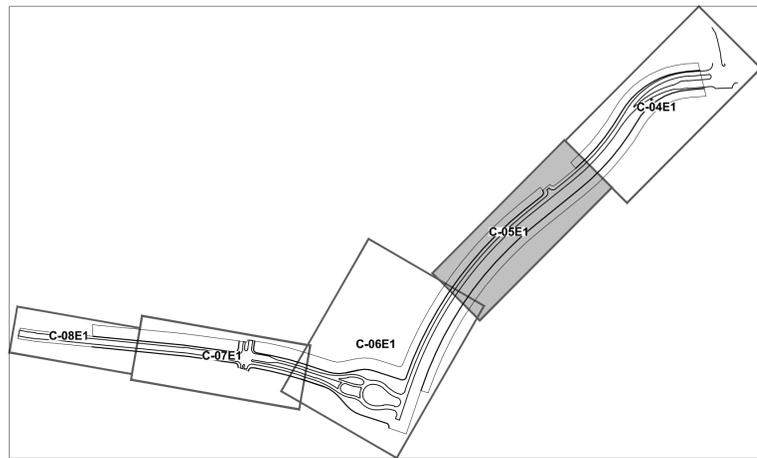
SHEET TITLE:
PGD KEY SHEET AND MASTER DRAINAGE PLAN
 SHEET NUMBER:

C-03E1

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ENGINEERING LEGEND

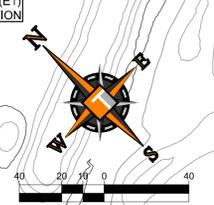
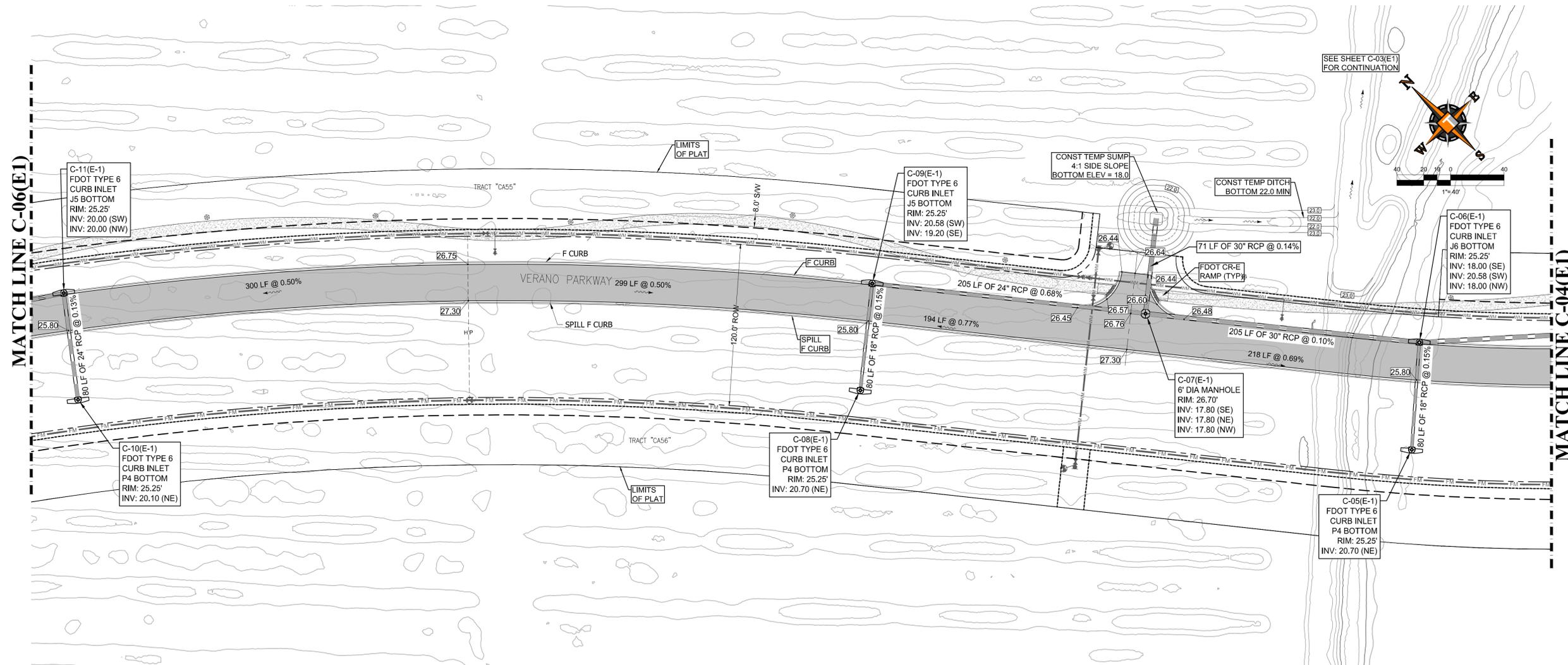
WATER MAIN	— WM — WM — WM —
STORM SEWER	— S — S — S —
SANITARY SEWER MAIN	— S — S — S —
FORCE MAIN	— FM — FM — FM —
CATCH BASIN	
MANHOLE	
PROPOSED ELEVATION	
FIRE HYDRANT	
DECORATIVE LIGHTING	
RIGHT OF WAY / CUE / UE	
WATER SERVICE	
SEWER SERVICE	
LOT NUMBER / FINISH FLOOR	
24" STOP BAR AND STOP SIGN	



KEYMAP

CONSTRUCTION NOTES:

1. CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SW, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
2. CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
3. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
4. CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.
5. CONTRACTOR TO SOD ALL DISTURBED AREAS, SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
6. ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
7. THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
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9. NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
10. PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
11. THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.



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 P: 813-379-4100
 P: 561-203-7503
 THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN ARE PREPARED AND SHOWN AS CORRECT AND USED FOR THE PURPOSE INTENDED HEREIN. WITHOUT LIABILITY TO THE ENGINEER OR ARCHITECT.

REVISIONS			
REV.	DATE	COMMENT	BY

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DATE:	02-05-19
CAD I.D.:	FJ160006-PGD-PLANS

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VERANO DEVELOPMENT
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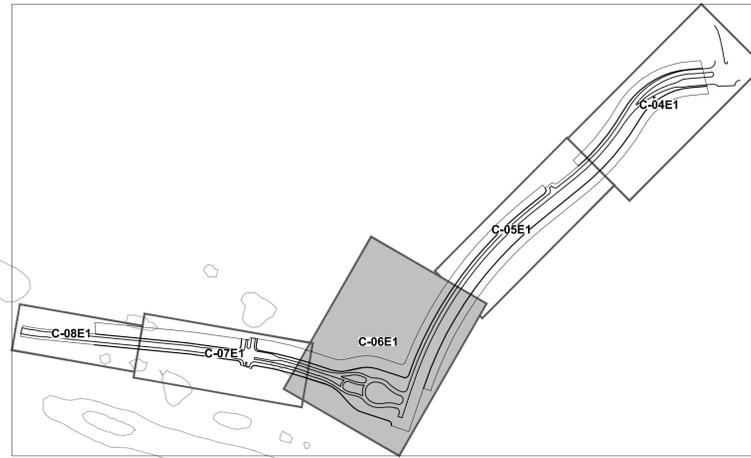
BRANDON UEMER
 No. 68345
 PROFESSIONAL ENGINEER
 September 24, 2018
 FLORIDA LICENSE NO. 68345
 FLORIDA BOARD OF PROFESSIONAL ENGINEERS, No. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C-05E1

Printed on: Tuesday, September 24, 2019, 5:54 PM by Brandon Uemer

MATCH LINE C-07(E1)



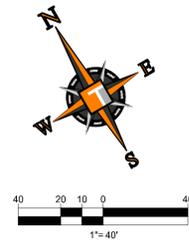
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ENGINEERING LEGEND

WATER MAIN	— WM — WM — WM —
STORM SEWER	— S — S — S —
SANITARY SEWER MAIN	— S — S — S —
FORCE MAIN	— FM — FM — FM —
CATCH BASIN	⊗
MANHOLE	⊙
PROPOSED ELEVATION	□
FIRE HYDRANT	⊕
DECORATIVE LIGHTING	⊕
RIGHT OF WAY / CUE / UE	— — — — —
WATER SERVICE	⊕
SEWER SERVICE	⊕
LOT NUMBER / FINISH FLOOR	49 26.45
24" STOP BAR AND STOP SIGN	—



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REVISIONS

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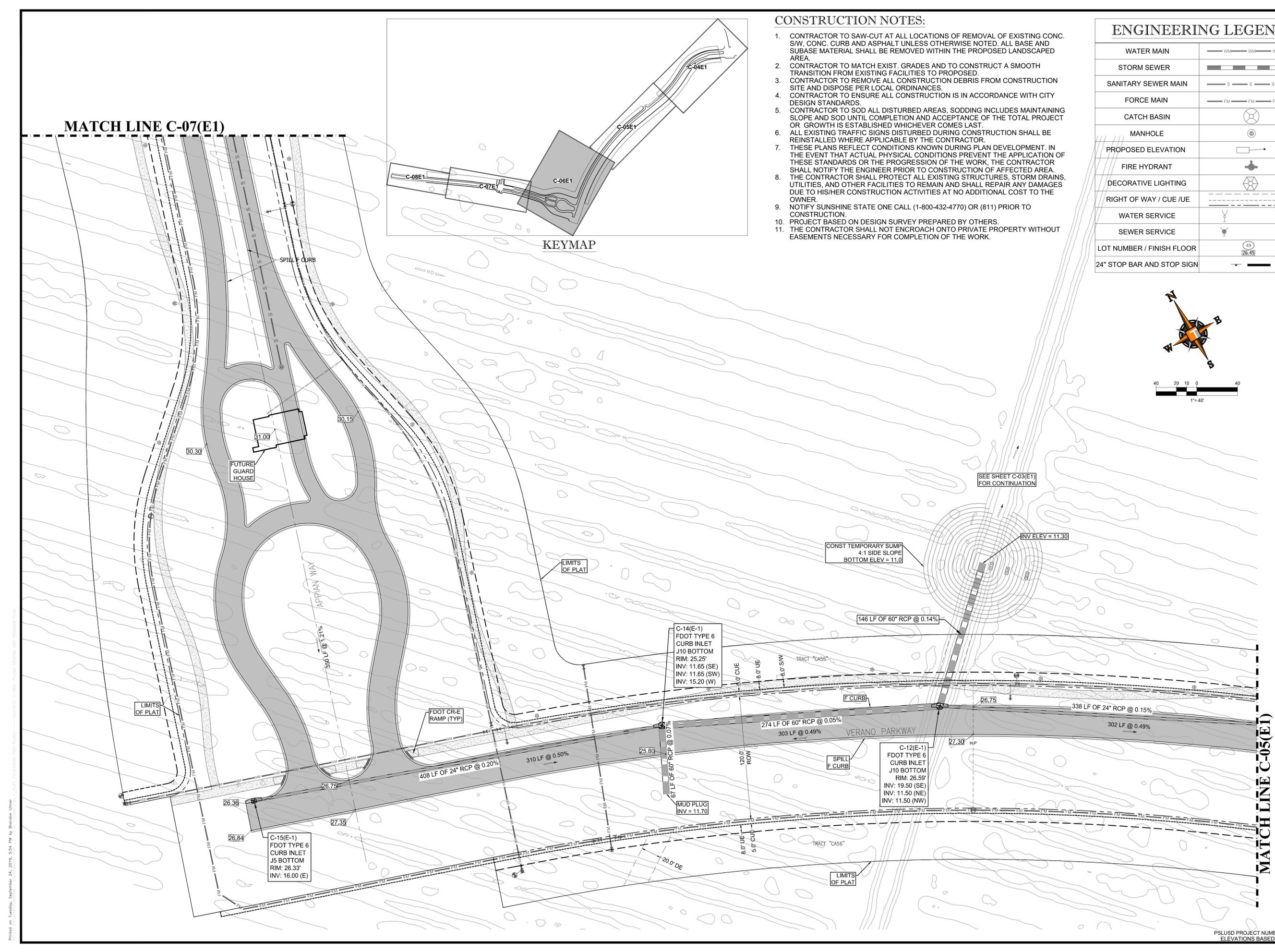
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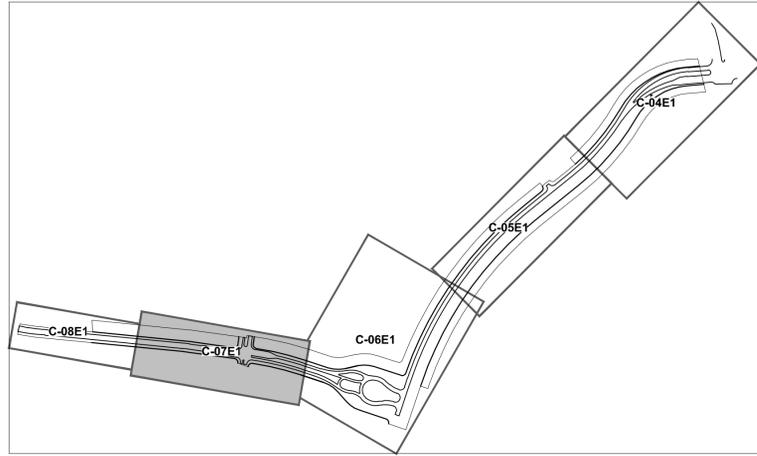
BRANDON UEMER
 No. 68345
 PROFESSIONAL ENGINEER
 September 24, 2018
 Florida License No. 68345
 Florida Board of Professional Engineers, No. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN

SHEET NUMBER:
C-06E1



MATCH LINE C-05(E1)



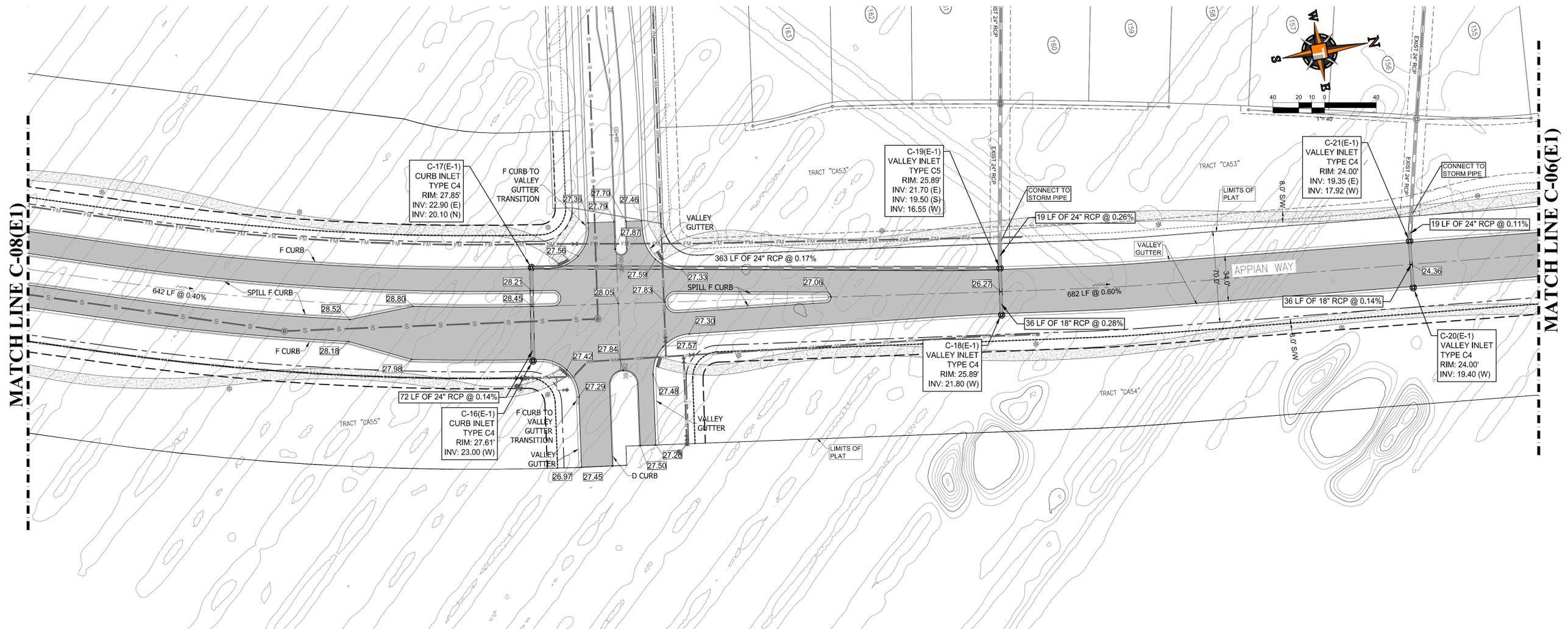
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ENGINEERING LEGEND

WATER MAIN	WM WM WM
STORM SEWER	SS SS SS
SANITARY SEWER MAIN	S S S
FORCE MAIN	FM FM FM
CATCH BASIN	⊗
MANHOLE	⊙
PROPOSED ELEVATION	□
FIRE HYDRANT	⊕
DECORATIVE LIGHTING	⊕
RIGHT OF WAY / CUE / UE	---
WATER SERVICE	⊕
SEWER SERVICE	⊕
LOT NUMBER / FINISH FLOOR	49 26.45
24" STOP BAR AND STOP SIGN	—



MATCH LINE C-08(E1)

MATCH LINE C-06(E1)

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REVISIONS

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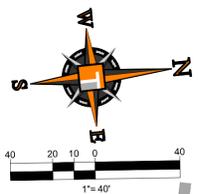
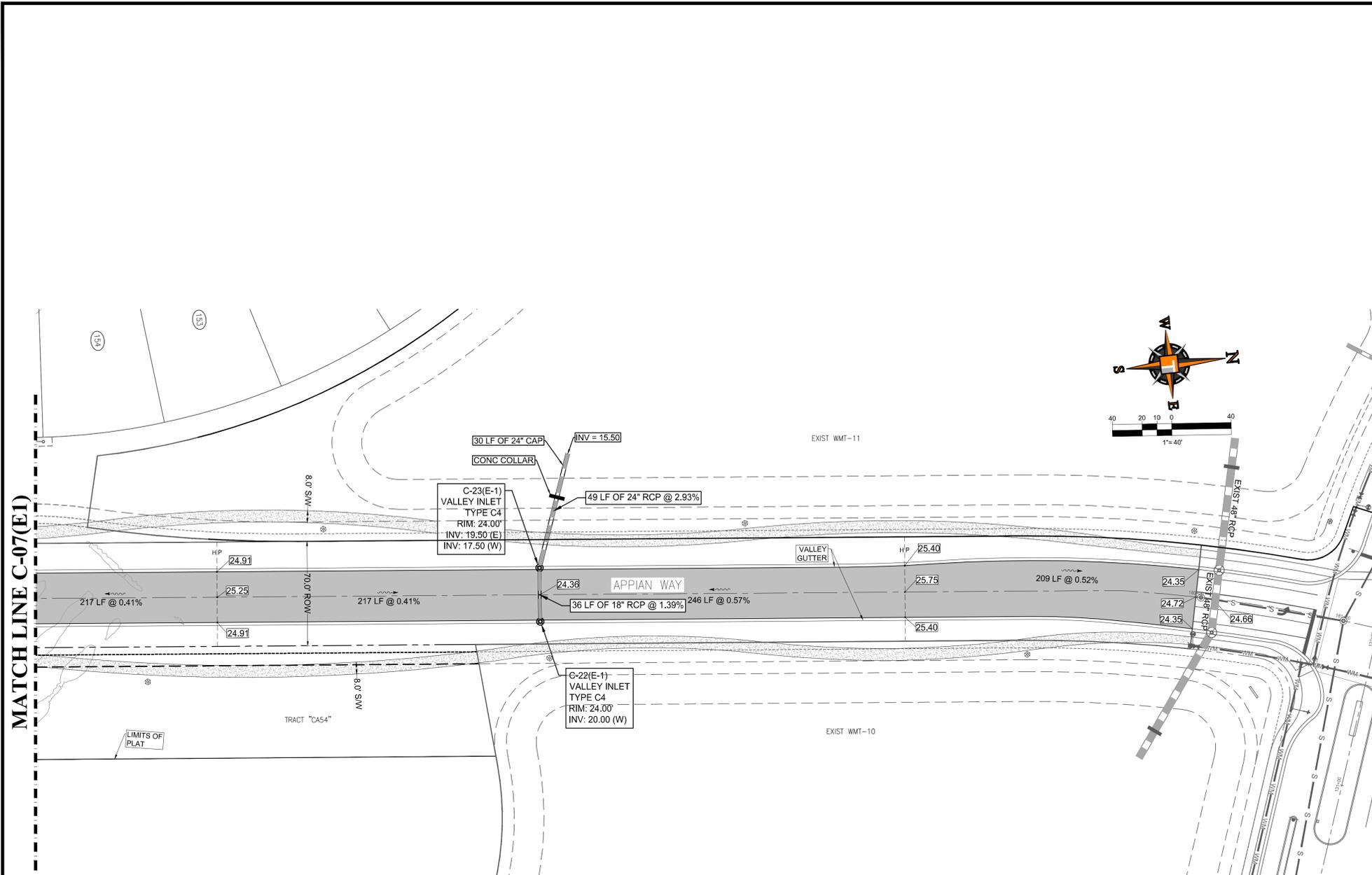
PROJECT:
VERANO SOUTH
 POD E, PLAT 1
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VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

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 September 24, 2018
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 FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN
 SHEET NUMBER:
C-07E1

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ENGINEERING LEGEND

WATER MAIN	— WM — WM — WM —
STORM SEWER	— S — S — S —
SANITARY SEWER MAIN	— S — S — S —
FORCE MAIN	— FM — FM — FM —
CATCH BASIN	⊗
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PROPOSED ELEVATION	□
FIRE HYDRANT	⊕
DECORATIVE LIGHTING	⊗
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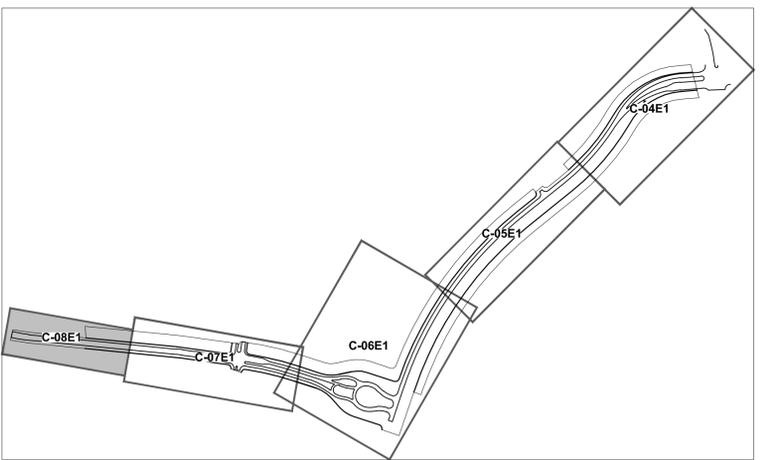
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SHEET TITLE:
PAVING GRADING AND DRAINAGE PLAN
 SHEET NUMBER:
C-08E1
 CITY OF PSL PROJECT NUMBER: P19-012



KEYMAP

CONSTRUCTION NOTES:

- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. S/W, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
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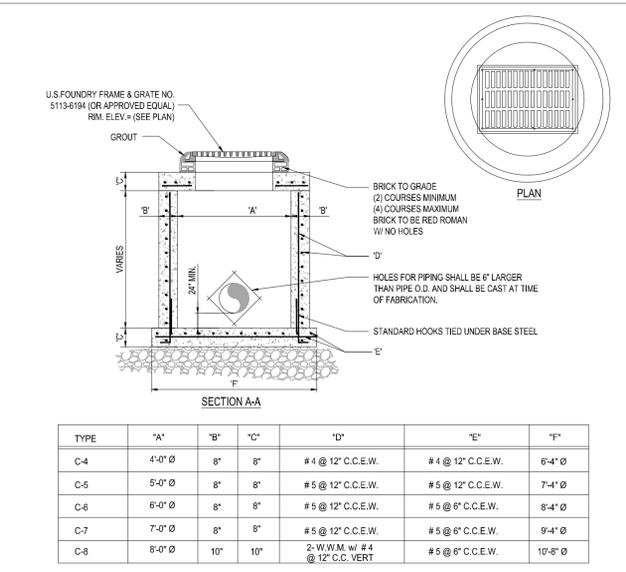
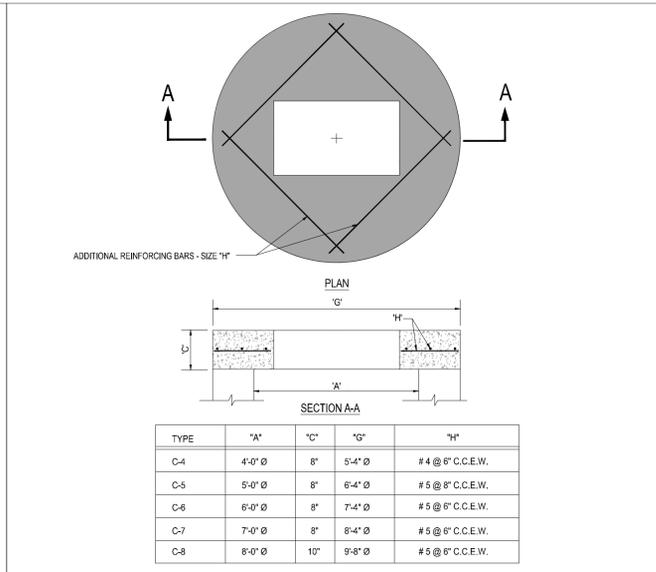
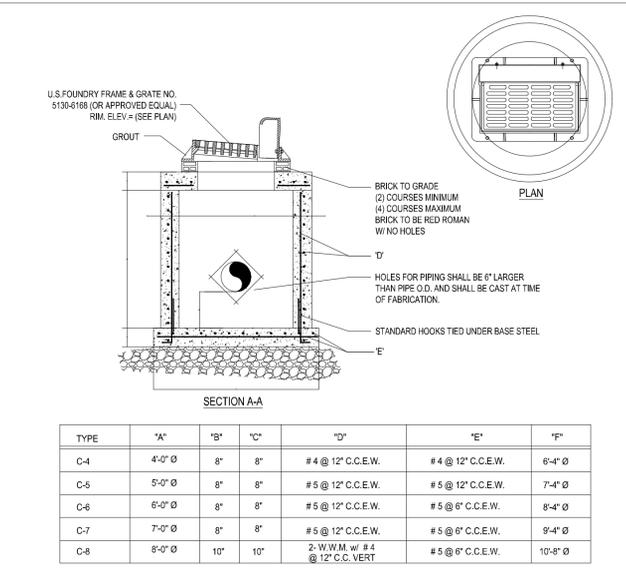
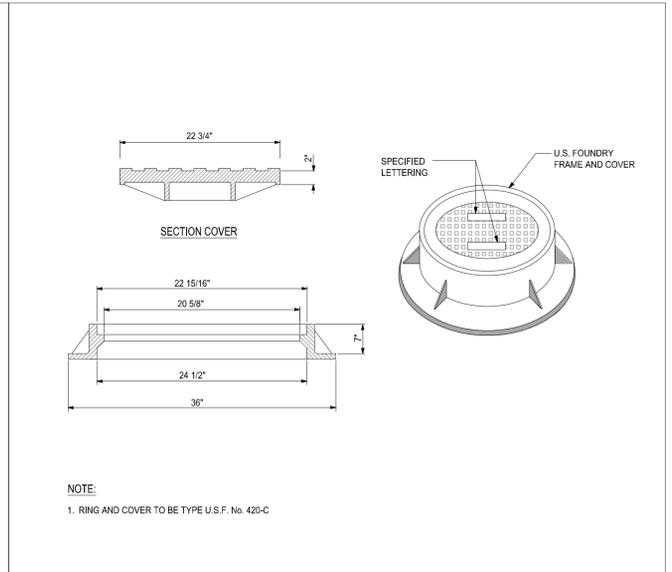
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 September 24, 2018
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 FLORIDA EDUCATIONAL EXAM No. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE DETAILS

SHEET NUMBER:
C-09E1

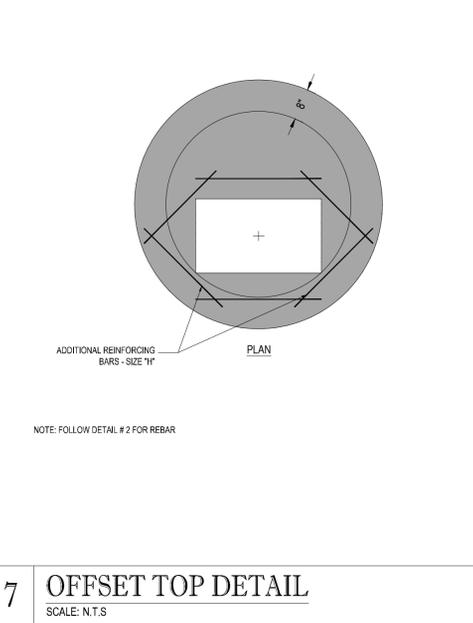
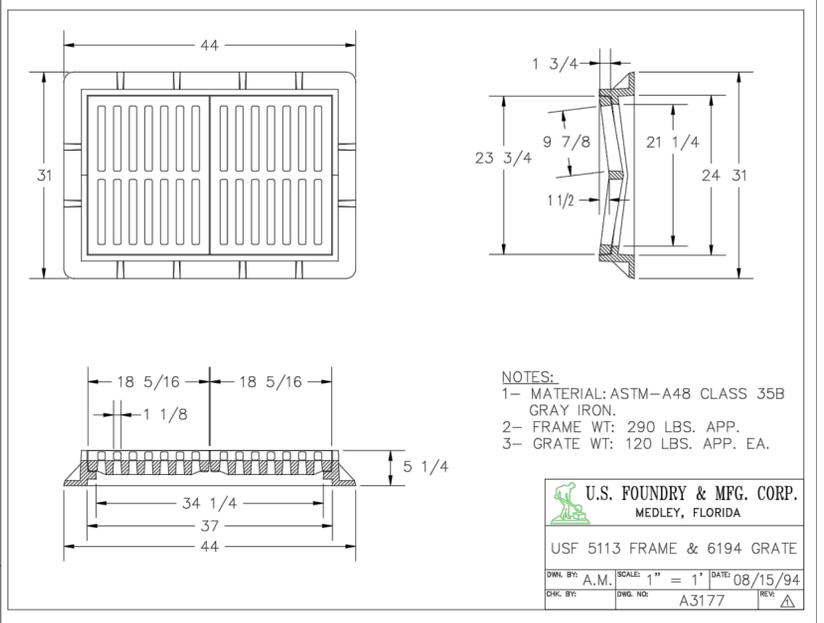


4 MANHOLE FRAME DETAIL
 SCALE: NONE

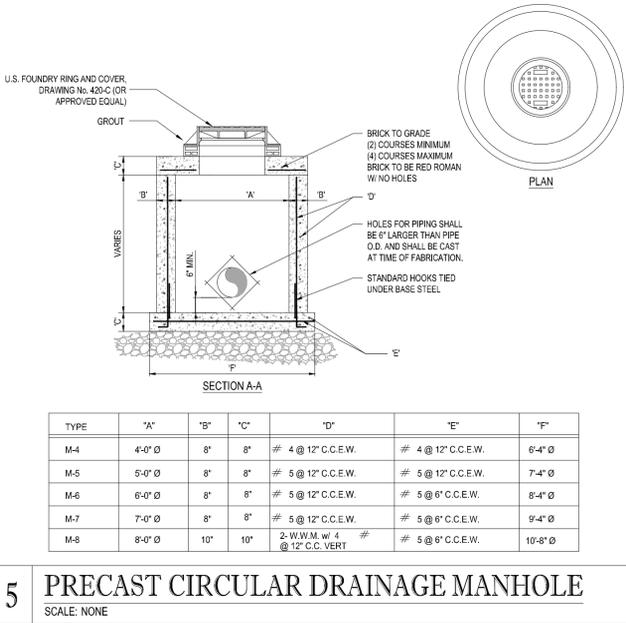
3 PRECAST CIRCULAR CURB INLET
 SCALE: NONE

2 PRECAST CONCRETE-TOP SLAB
 SCALE: NONE

1 PRECAST CIRCULAR VALLEY INLET
 SCALE: NONE

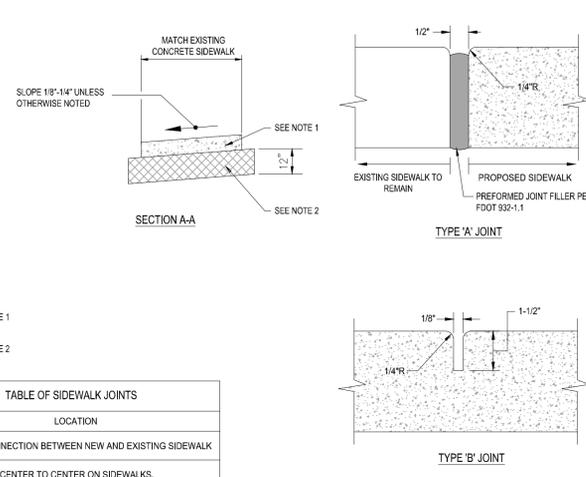
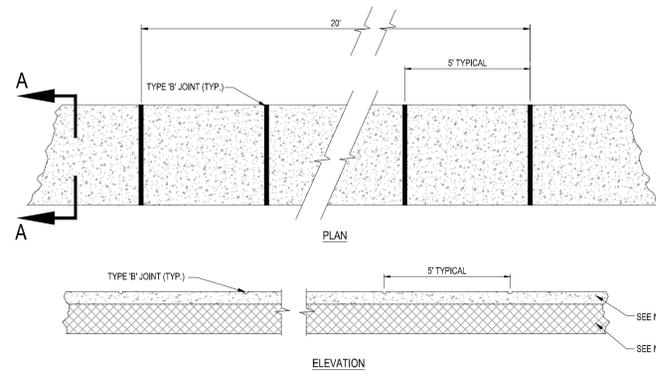


6 PRECAST CONCRETE-TOP SLAB FOR DRAINAGE MANHOLES
 SCALE: NONE



5 PRECAST CIRCULAR DRAINAGE MANHOLE
 SCALE: NONE

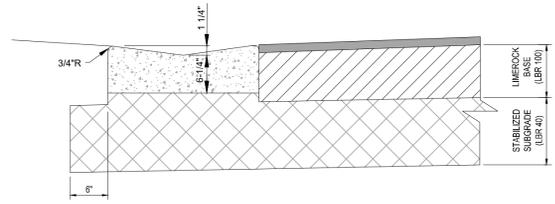
7 OFFSET TOP DETAIL
 SCALE: N.T.S.



NOTES:
 1. SIDEWALK SHALL BE 6" THICK IN RIGHT OF WAY AND IN DRIVEWAYS. ALL OPEN SPACE TRACTS OWNED AND OPERATED BY THE H.O.A. SHALL BE 4" THICK.
 2. SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180. (12" THICKNESS)
 3. CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.
 4. SIDEWALK REMOVAL & REPLACEMENTS TO CONSIST OF FULL FLAGS.
 5. PROVIDE EXPANSION JOINT (TYPE X) AT CONNECTIONS BETWEEN NEW AND EXISTING SIDEWALK.

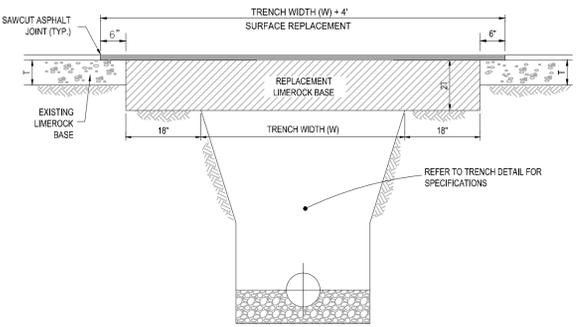
TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	AT CONNECTION BETWEEN NEW AND EXISTING SIDEWALK
'B'	5 FEET CENTER TO CENTER ON SIDEWALKS.

1 SIDEWALK DETAILS
SCALE: NONE



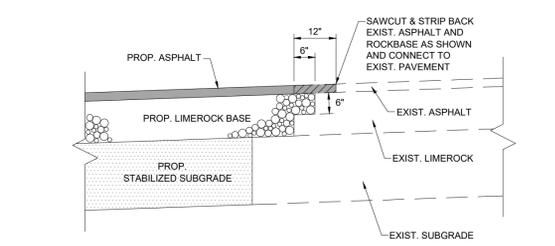
NOTES:
 1. REFER TO FDOT INDEX 300 FOR NOTES AND DETAILS
 2. LIMEROCK BASE SHALL BE COMPACTED TO A 98% MAX. DENSITY PER A.A.S.H.T.O. (T-180)

4 VALLEY GUTTER DETAIL
SCALE: NONE

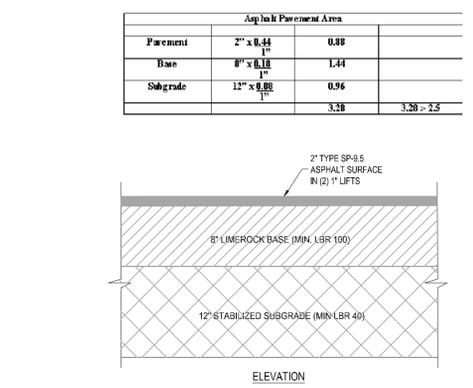


NOTES:
 1. REPLACED BASE MATERIAL OVER TRENCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL BASE, MINIMUM 8", MAXIMUM 18".
 2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM (LOOSE MEASUREMENT) LAYERS AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
 3. SUBGRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
 4. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED PARALLEL TO OR PERPENDICULAR TO THE ROADWAY.
 5. SURFACE TREATED PAVEMENT JOINTS SHALL BE LAPPED.
 6. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE SURROUNDING SURFACE (MINIMUM 1" THICKNESS).
 7. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70% (80% FOR LOCAL STREETS).
 8. IF THE TRENCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" ASPHALTIC CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING UNTIL REPLACED WITH A PERMANENT PATCH.

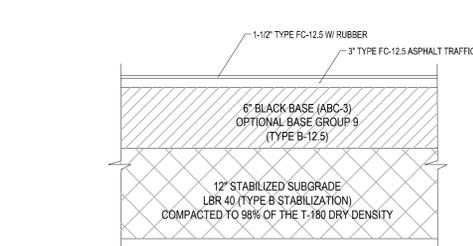
5 PAVEMENT RESTORATION DETAIL
SCALE: NONE



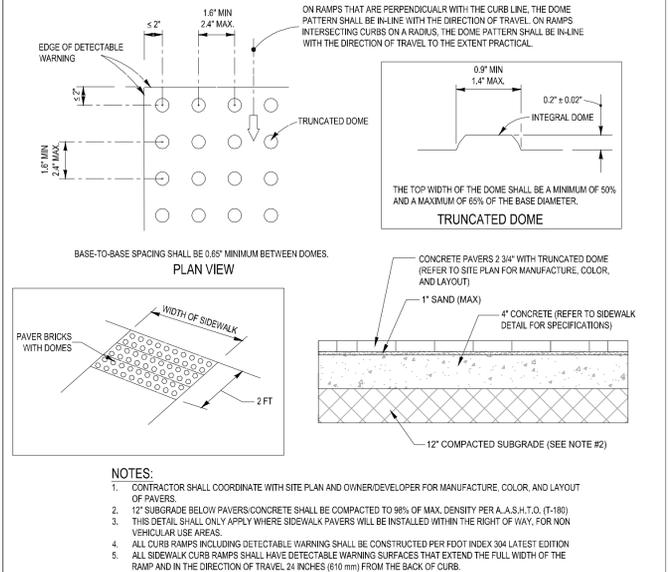
8 SAWCUT/MATCH ASPHALT PAVEMENT DETAIL
SCALE: NONE



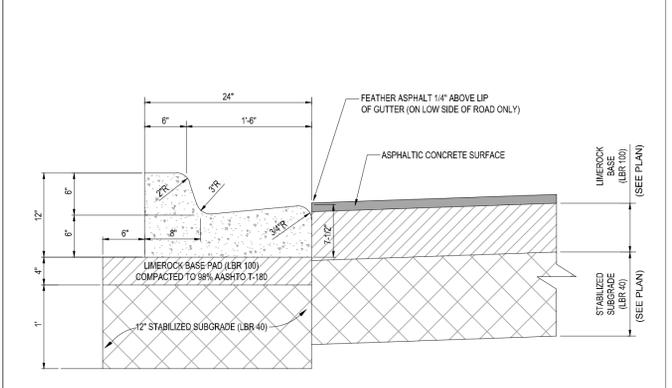
6 ASPHALT PAVEMENT DETAIL
SCALE: NONE



9 CROSTOWN PARKWAY ASPHALT PAVEMENT DETAIL
SCALE: NONE



3 PEDESTRIAN PAVERS DETAIL (IN R-O-W)
SCALE: NONE



NOTE:
 1. WHEN USED ON HIGH SIDE OF ROADWAYS THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6" INSTEAD OF 7 1/2".
 2. REFER TO FDOT INDEX 300 FOR NOTES AND DETAILS
 3. LIMEROCK BASE SHALL BE COMPACTED TO A 98% MAX. DENSITY PER A.A.S.H.T.O. (T-180)
 4. 12" SUBGRADE BELOW SIDEWALK SHALL BE COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. (T-180)

7 TYPE 'F' CURB & GUTTER DETAIL
SCALE: NONE

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 P: 813-379-4100

REVISIONS			
REV.	DATE	COMMENT	BY:

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PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-PGD-DETAILS

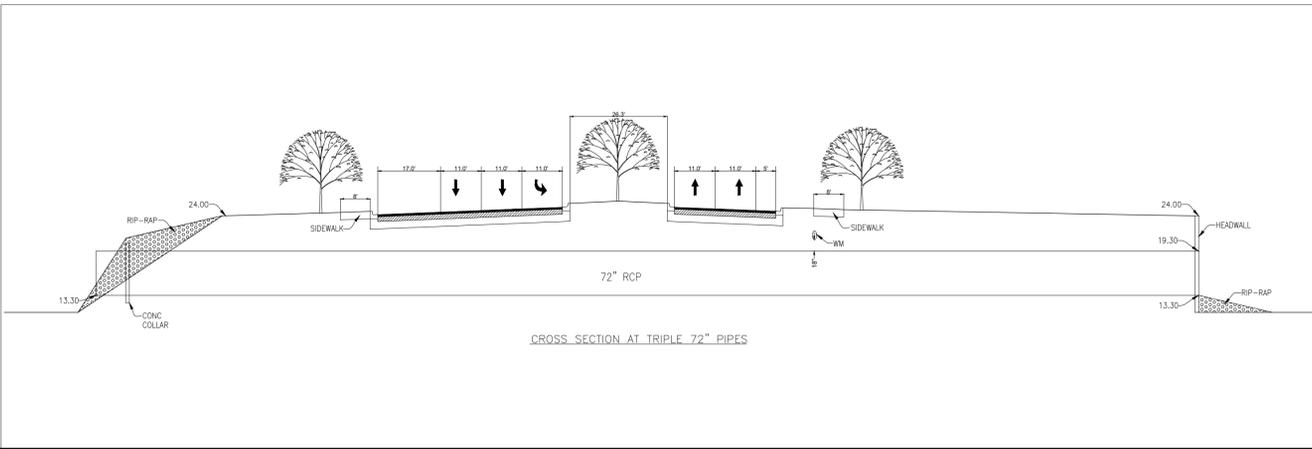
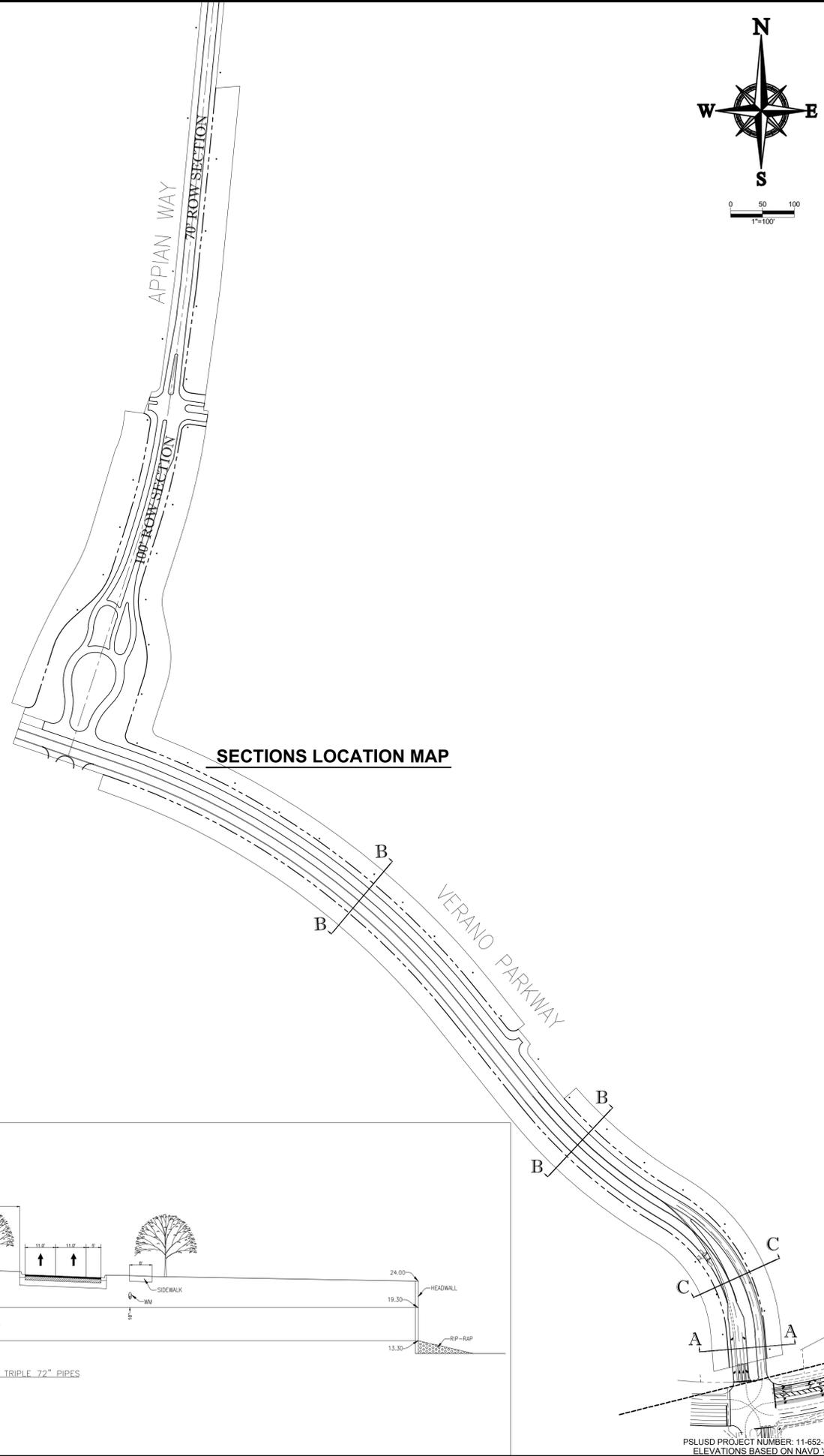
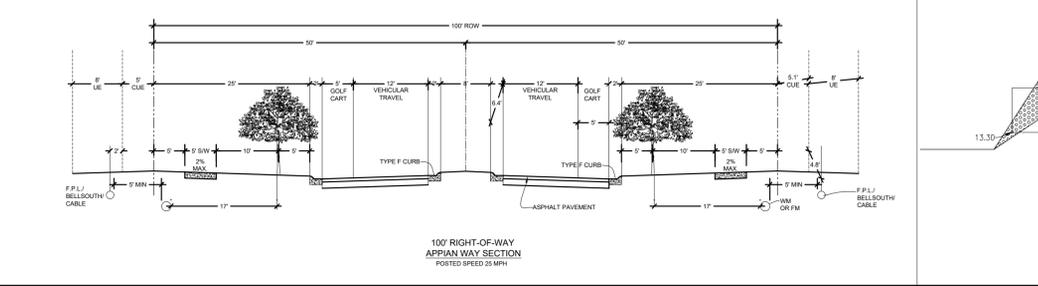
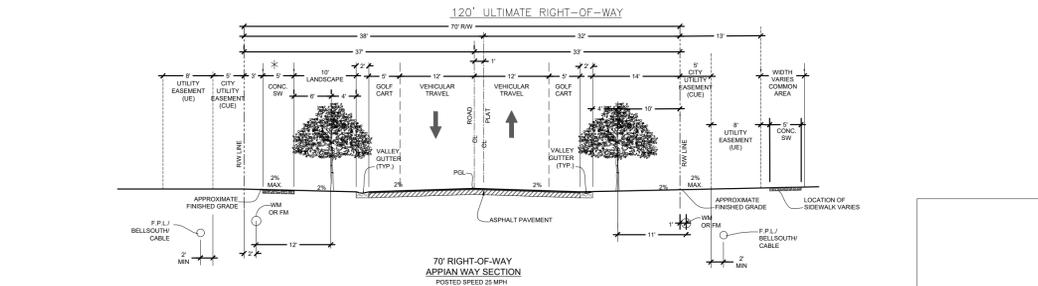
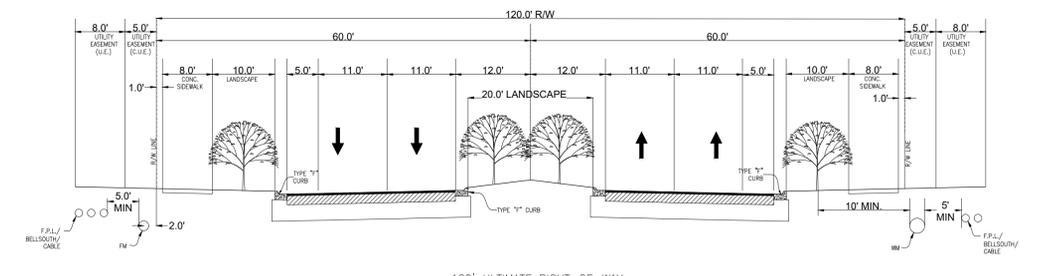
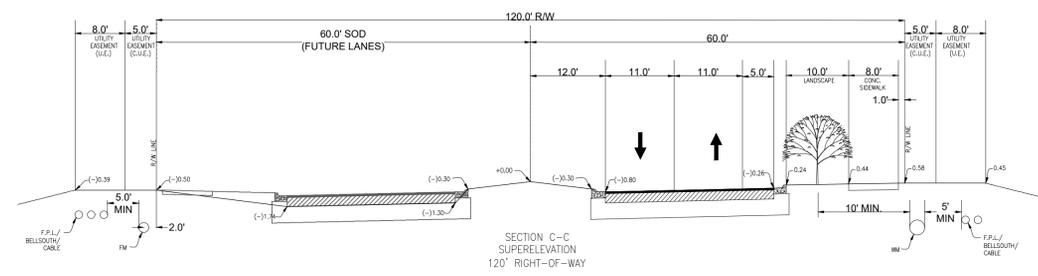
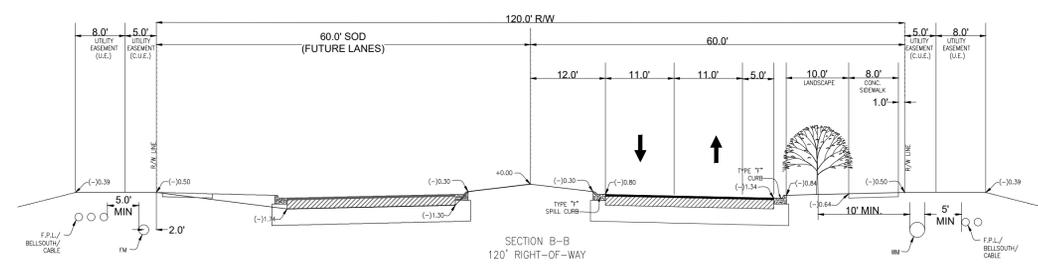
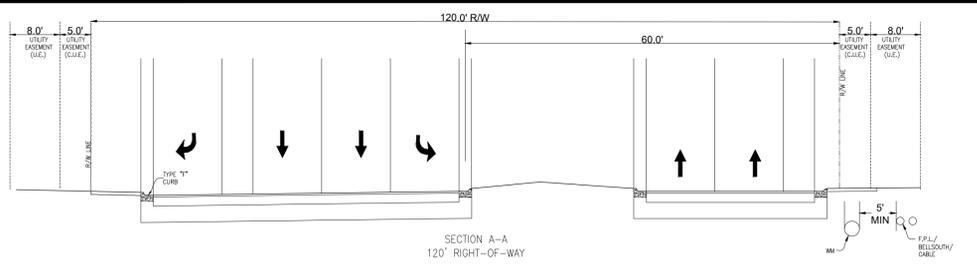
PROJECT:
VERANO SOUTH
POD E, PLAT 1
 FOR
VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

THOMAS ENGINEERING GROUP
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BRANDON UEMER
 No. 68345
 PROFESSIONAL ENGINEER
 September 24, 2018
 Florida License No. 68345
 Florida Board of Professional Engineers, No. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE DETAILS
 SHEET NUMBER:
C-10E1

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 C:\Users\brander\OneDrive\Documents\CAD\Projects\C-10E1\PAVING GRADING AND DRAINAGE DETAILS



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REV.	DATE	COMMENT	BY

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PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-PGD-SECTIONS

PROJECT:
VERANO SOUTH
POD E, PLAT 1
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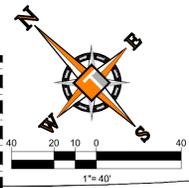
BRANDON UEMER
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 SEPTEMBER 24, 2018
 FLORIDA LICENSE NO. 68345
 FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
PAVING GRADING AND DRAINAGE SECTIONS
 SHEET NUMBER:
C-11E1
 CITY OF PSL PROJECT NUMBER: P19-012

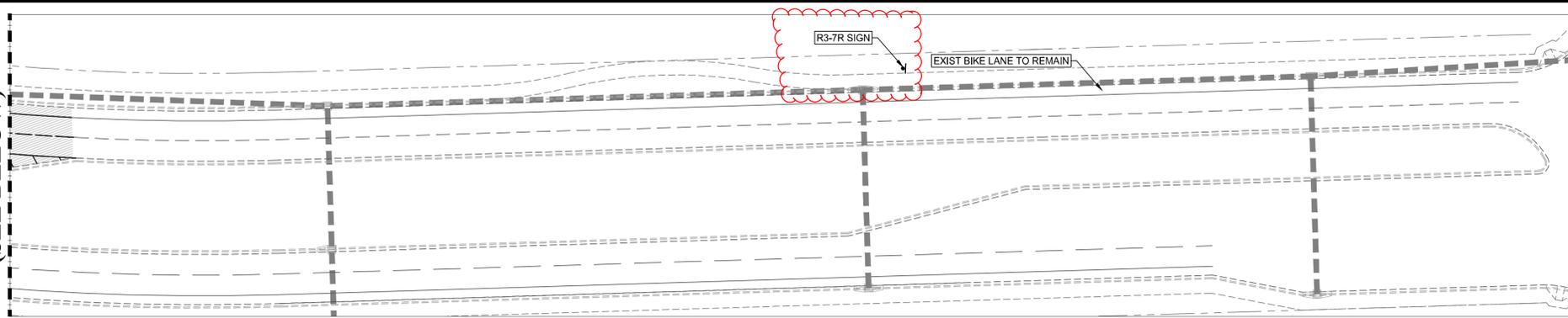
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ENGINEERING LEGEND

WATER MAIN	WM	WM	WM
STORM SEWER	SS	SS	SS
SANITARY SEWER MAIN	S	S	S
FORCE MAIN	FM	FM	FM
CATCH BASIN			
MANHOLE			
PROPOSED ELEVATION			
FIRE HYDRANT			
DECORATIVE LIGHTING			
24" STOP BAR AND STOP SIGN			



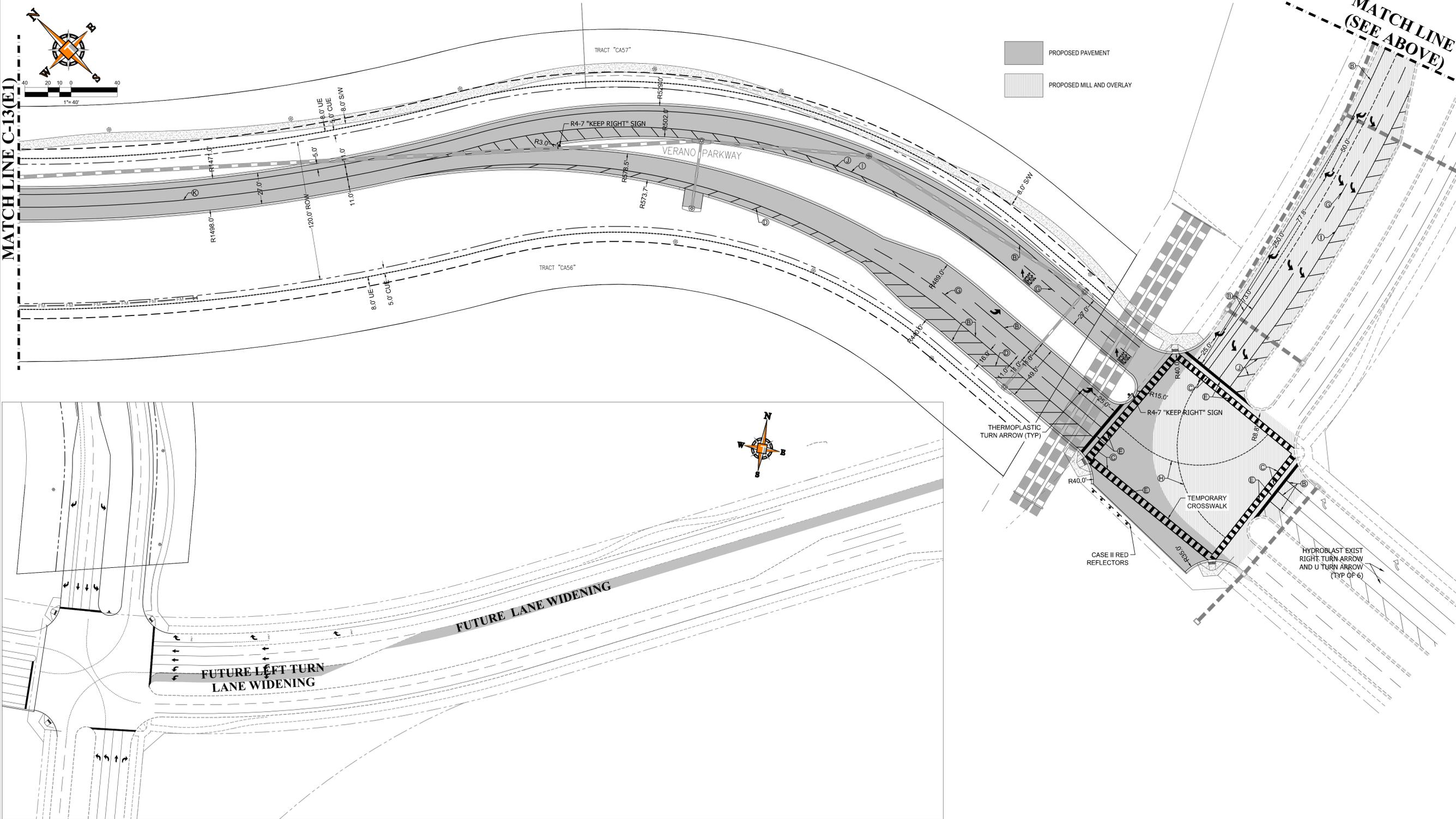
MATCH LINE
(SEE BELOW)



STRIPING KEY

- A = 4" SOLID WHITE
- B = 6" SOLID WHITE
- C = 12" SOLID WHITE
- D = 18" SOLID WHITE
- E = 24" SOLID WHITE
- F = 6" SKIP WHITE TYP (10'-30')
- G = 6" SKIP WHITE TYP (6'-10')
- H = 6" SKIP WHITE TYP (2'-4')
- I = 6" SOLID YELLOW
- J = 18" SOLID YELLOW
- K = 6" DOUBLE YELLOW
- L = 6" SKIP YELLOW TYP (10'-30')
- M = 6" SKIP YELLOW TYP (6'-10')
- N = 6" SKIP YELLOW TYP (2'-4')
- P = RPM BI-DIRECTIONAL AMBER/AMBER
- R = FDP WHITE
- S = FDP YELLOW
- T = RPM BI-DIRECTIONAL WHITE/RED
- U = RPM BI-DIRECTIONAL RED/YELLOW
- V = RPM BI-DIRECTIONAL BLUE/BLUE

MATCH LINE C-13(E)



PROPOSED PAVEMENT
PROPOSED MILL AND OVERLAY



MATCH LINE
(SEE ABOVE)

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PROJECT No.: FJ160006
 DRAWN BY: MJL
 CHECKED BY: BMU
 DATE: 02-05-19
 CAD I.D.: FJ160006-PMS-AND-HC-PLANS

PROJECT:
VERANO SOUTH
 POD E, PLAT 1
 FOR
VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

THOMAS ENGINEERING GROUP
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 FLORIDA BOARD OF PROFESSIONAL ENGINEERS, No. 27528

SHEET TITLE:
**MARKING, SIGNAGE
 AND HORIZONTAL
 CONTROL PLAN**
 SHEET NUMBER:

C-12E1

ULTIMATE INTERSECTION STRIPING

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STRIPING KEY

- A= 4" SOLID WHITE
- B= 6" SOLID WHITE
- C= 12" SOLID WHITE
- D= 18" SOLID WHITE
- E= 24" SOLID WHITE
- F= 6" SKIP WHITE TYP (10'-30')
- G= 6" SKIP WHITE TYP (6'-10')
- H= 6" SKIP WHITE TYP (2'-4')
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- N= 6" SKIP YELLOW TYP (2'-4')
- P=RPM BI-DIRECTIONAL AMBER/AMBER
- R= FDP WHITE
- S= FDP YELLOW
- T= RPM BI-DIRECTIONAL WHITE/RED
- U= RPM BI-DIRECTIONAL RED/YELLOW
- V= RPM BI-DIRECTIONAL BLUE/BLUE

ENGINEERING LEGEND

WATER MAIN	WM WM WM
STORM SEWER	SS SS SS
SANITARY SEWER MAIN	S S S
FORCE MAIN	FM FM FM
CATCH BASIN	⊗
MANHOLE	⊙
PROPOSED ELEVATION	□
FIRE HYDRANT	⊕
DECORATIVE LIGHTING	⊕
RIGHT OF WAY / CUE / UE	---
WATER SERVICE	⌞ ⌞
SEWER SERVICE	⌞ ⌞
LOT NUMBER / FINISH FLOOR	49 26.45
24" STOP BAR AND STOP SIGN	—

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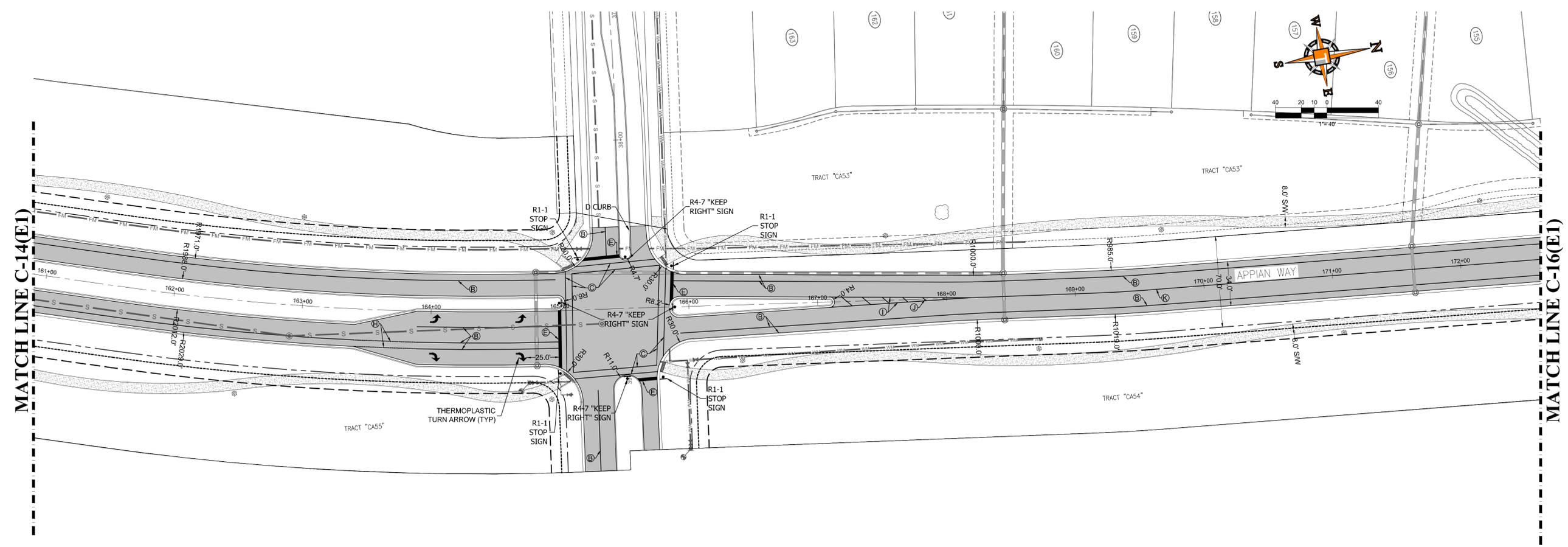
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 CHECKED BY: BMU
 DATE: 02-05-19
 CAD I.D.: FJ160006-PMS-AND-HC-PLANS

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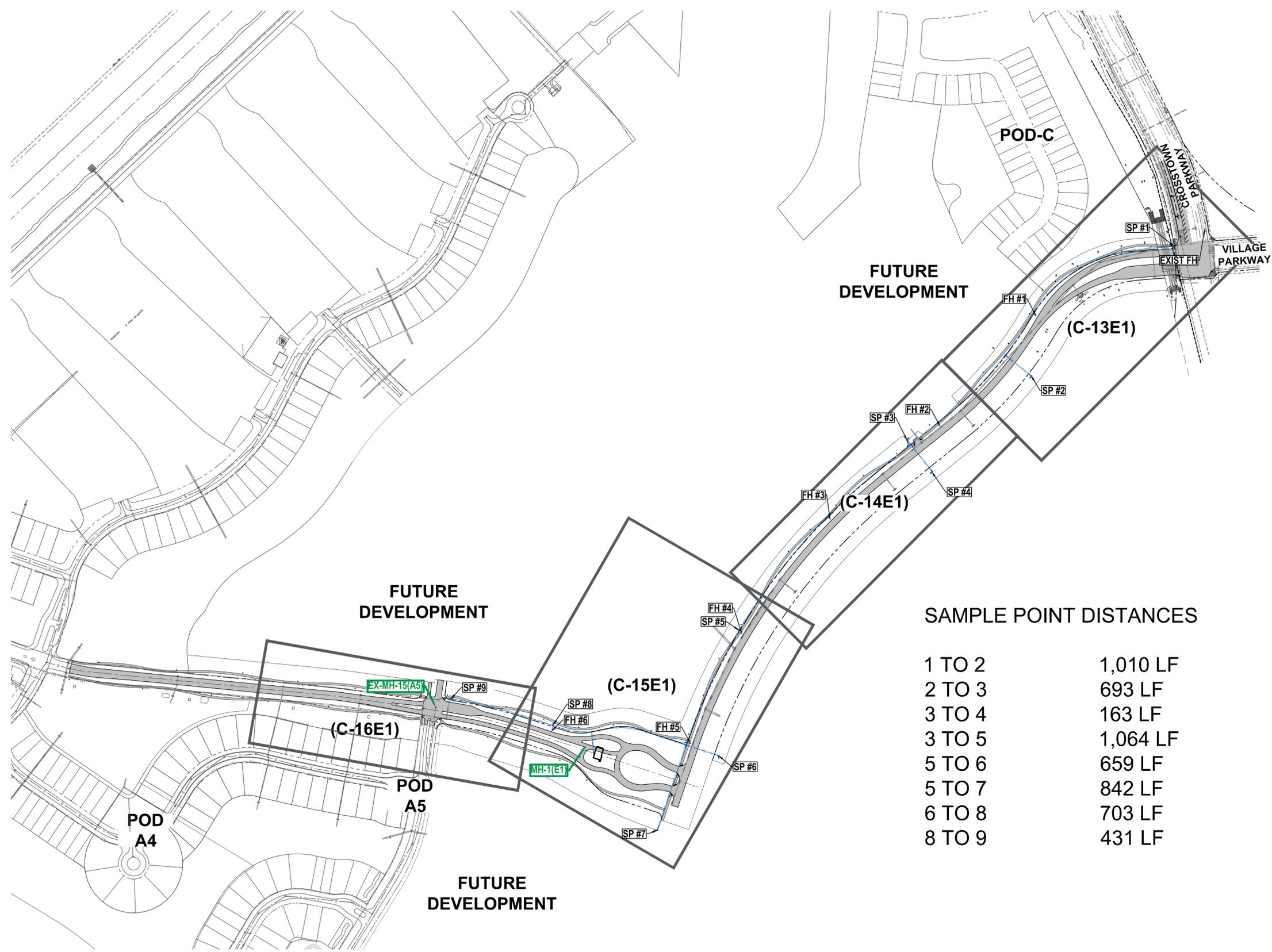
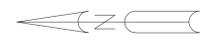
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 September 24, 2018
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SHEET TITLE:
MARKING, SIGNAGE AND HORIZONTAL CONTROL PLAN
 SHEET NUMBER:
C-15E1
 CITY OF PSL PROJECT NUMBER: P19-012



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SAMPLE POINT DISTANCES

1 TO 2	1,010 LF
2 TO 3	693 LF
3 TO 4	163 LF
3 TO 5	1,064 LF
5 TO 6	659 LF
5 TO 7	842 LF
6 TO 8	703 LF
8 TO 9	431 LF

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DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-MASTER-UTIL

PROJECT:
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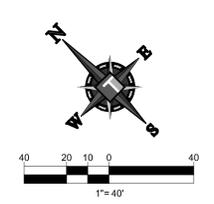
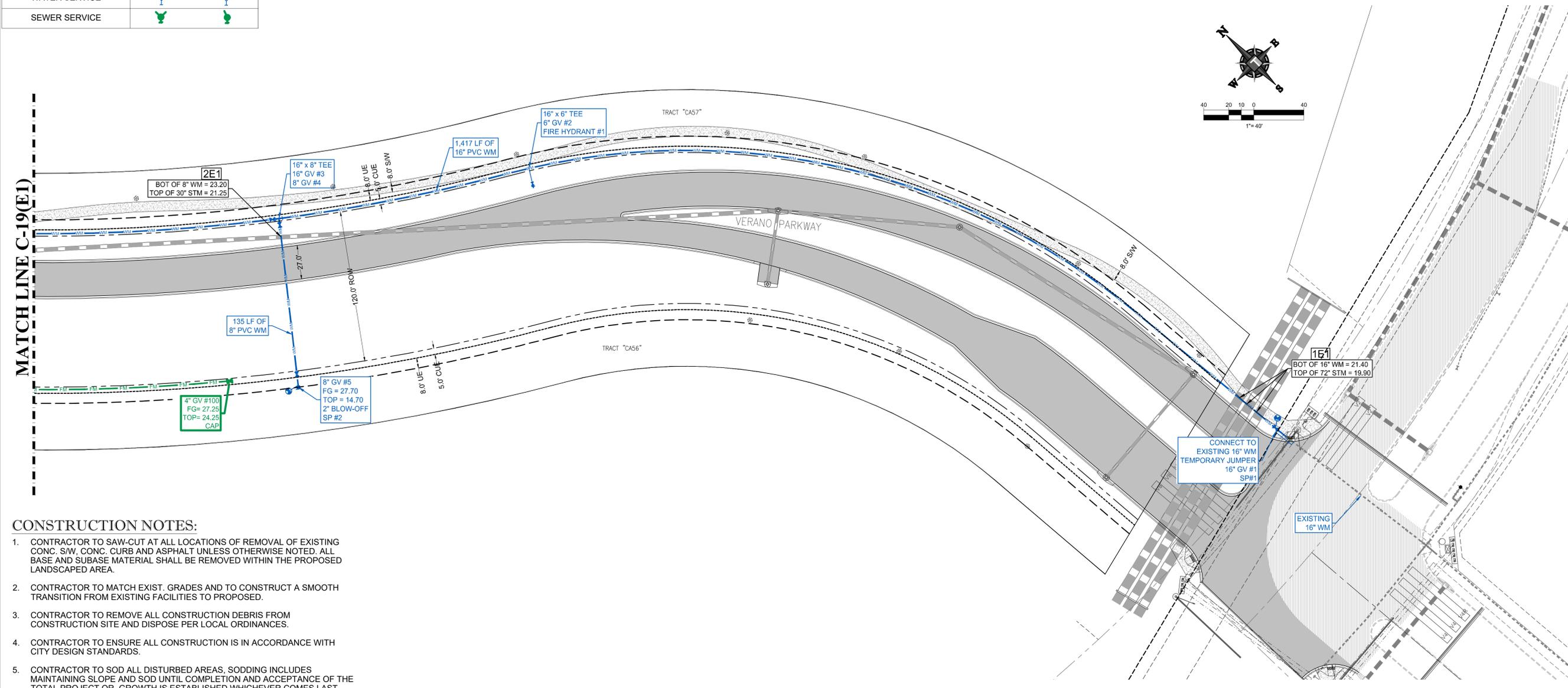
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SHEET TITLE:
MASTER UTILITY PLAN
 SHEET NUMBER:
C-17E1

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ENGINEERING LEGEND

WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	
SANITARY SEWER LATERAL	
CATCH BASIN	
MANHOLE	
FIRE HYDRANT	
DECORATIVE LIGHTING	
RIGHT OF WAY	
UTILITY EASEMENT	
WATER SERVICE	
SEWER SERVICE	



MATCH LINE C-19(E1)

- CONSTRUCTION NOTES:**
- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. S/W, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
 - CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
 - CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
 - CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.
 - CONTRACTOR TO SOD ALL DISTURBED AREAS. SODDING INCLUDES MAINTAINING SLOPE AND SOD UNTIL COMPLETION AND ACCEPTANCE OF THE TOTAL PROJECT OR GROWTH IS ESTABLISHED WHICHEVER COMES LAST.
 - ALL EXISTING TRAFFIC SIGNS DISTURBED DURING CONSTRUCTION SHALL BE REINSTALLED WHERE APPLICABLE BY THE CONTRACTOR.
 - THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
 - THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS/HER CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
 - NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
 - PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
 - THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.

THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
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 JUPITER, FL 33468 | JUPITER, FL 33468 | JUPITER, FL 33468
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REVISIONS			
REV.	DATE	COMMENT	BY

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PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-UTILITY-PLANS

PROJECT:
VERANO SOUTH
 POD E, PLAT 1
 FOR
VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

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BRANDON UEMER
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 September 24, 2018
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 FLORIDA BUSINESS REGISTRATION NO. 27528

SHEET TITLE:
WATER AND SEWER PLAN
 SHEET NUMBER:
C-18E1

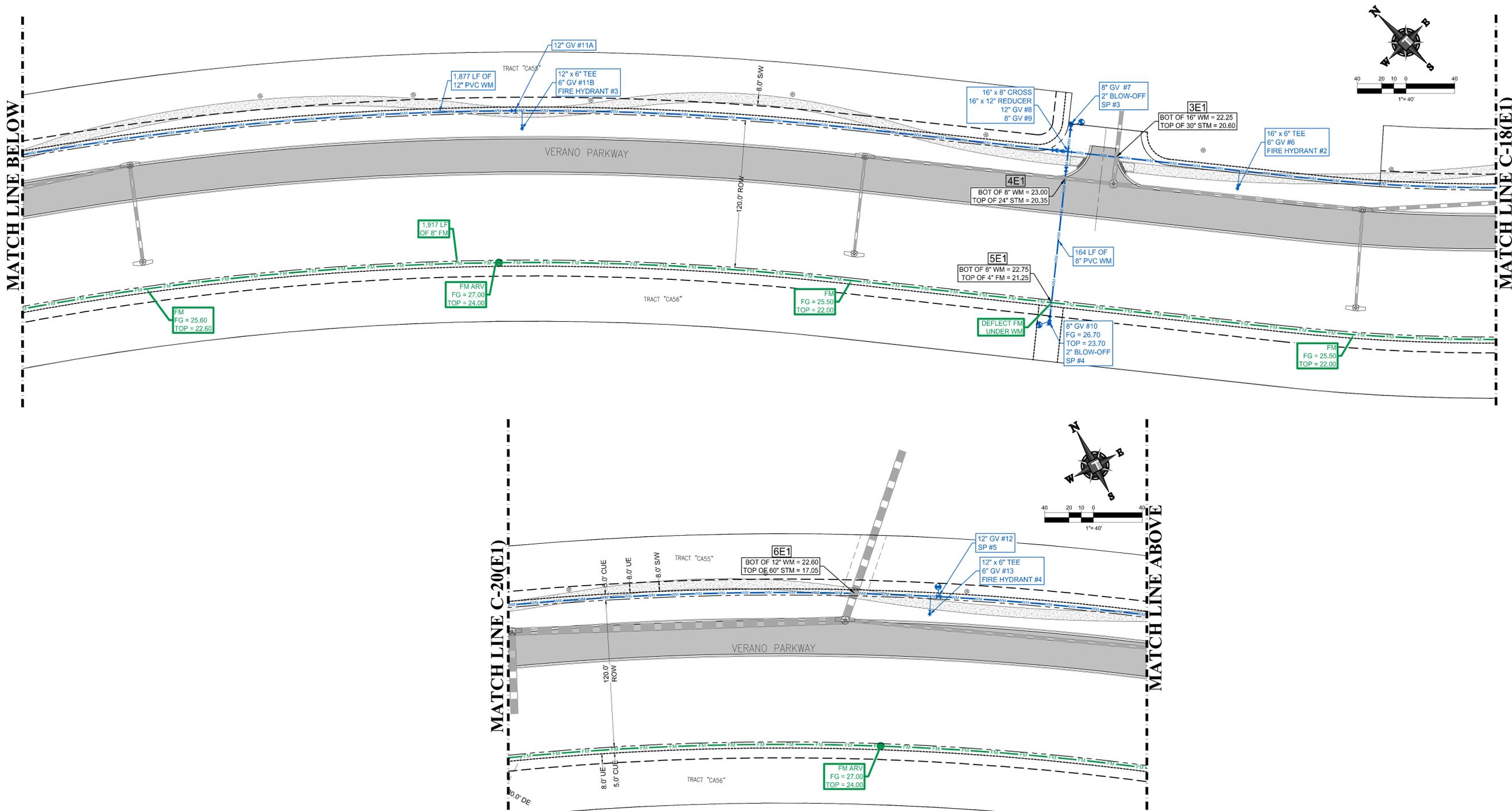
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ENGINEERING LEGEND

WATER MAIN	
STORM SEWER	
SANITARY SEWER MAIN	
SANITARY SEWER LATERAL	
CATCH BASIN	
MANHOLE	
FIRE HYDRANT	
DECORATIVE LIGHTING	
RIGHT OF WAY	
UTILITY EASEMENT	
WATER SERVICE	
SEWER SERVICE	

CONSTRUCTION NOTES:

- CONTRACTOR TO SAW-CUT AT ALL LOCATIONS OF REMOVAL OF EXISTING CONC. SW, CONC. CURB AND ASPHALT UNLESS OTHERWISE NOTED. ALL BASE AND SUBBASE MATERIAL SHALL BE REMOVED WITHIN THE PROPOSED LANDSCAPED AREA.
- CONTRACTOR TO MATCH EXIST. GRADES AND TO CONSTRUCT A SMOOTH TRANSITION FROM EXISTING FACILITIES TO PROPOSED.
- CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS FROM CONSTRUCTION SITE AND DISPOSE PER LOCAL ORDINANCES.
- CONTRACTOR TO ENSURE ALL CONSTRUCTION IS IN ACCORDANCE WITH CITY DESIGN STANDARDS.
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- THESE PLANS REFLECT CONDITIONS KNOWN DURING PLAN DEVELOPMENT. IN THE EVENT THAT ACTUAL PHYSICAL CONDITIONS PREVENT THE APPLICATION OF THESE STANDARDS OR THE PROGRESSION OF THE WORK, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION OF AFFECTED AREA.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, STORM DRAINS, UTILITIES, AND OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES DUE TO HIS/HER CONSTRUCTION ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.
- NOTIFY SUNSHINE STATE ONE CALL (1-800-432-4770) OR (811) PRIOR TO CONSTRUCTION.
- PROJECT BASED ON DESIGN SURVEY PREPARED BY OTHERS.
- THE CONTRACTOR SHALL NOT ENCROACH ONTO PRIVATE PROPERTY WITHOUT EASEMENTS NECESSARY FOR COMPLETION OF THE WORK.



THOMAS ENGINEERING GROUP
 CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS
 6500 NW 31ST AVENUE, SUITE 100, JUPITER, FL 33468
 4090 W. KENNEDY BLVD., SUITE 100, TAMPA, FL 33609
 P: 561-203-7503, P: 813-379-4100
 THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN AND DRAWINGS AND SHALL BE CONSIDERED VOID FOR ANY PURPOSE WITHOUT THE SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER. THE INFORMATION, DESIGN AND CONTENT OF THIS PLAN AND DRAWINGS SHALL BE VOID FOR ANY PURPOSE WITHOUT THE SIGNATURE OF THE REGISTERED PROFESSIONAL ENGINEER.

REVISIONS			
REV.	DATE	COMMENT	BY

811 KNOW WHAT'S BELOW ALWAYS CALL 811 BEFORE YOU DIG
 It's fast. It's free. It's the law.
 www.callsunshine.com

PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMU
DATE:	02-05-19
CAD I.D.:	FJ160006-UTILITY-PLANS

PROJECT:
VERANO SOUTH
POD E, PLAT 1
 FOR
VERANO DEVELOPMENT
 PORT SAINT LUCIE
 FLORIDA

THOMAS ENGINEERING GROUP
 PEBWORTH PROFESSIONAL PLAZA
 125 W. INDIANTOWN RD., SUITE 206
 JUPITER, FL 33468
 PH: (561) 203-7503
 FX: (561) 203-7721
 www.ThomasEngineeringGroup.com

BRANDON UEMER
 No. 68345
 PROFESSIONAL ENGINEER
 September 24, 2018
 FLORIDA LICENSE NO. 68345
 FLORIDA BOARD OF PROFESSIONAL ENGINEERS, No. 27528

SHEET TITLE:
WATER AND SEWER PLAN
 SHEET NUMBER:
C-19E1
 CITY OF PSL PROJECT NUMBER: P19-012

Printed on: Tuesday, September 24, 2019, 5:08 PM by Brandon Uemer



CERTIFIED:

PODS A AND B 170530-4 122.13 Ac

CURRENT PERMITTED TO DATE:

	POD A REC TRACT	180810-9	5.13 Ac
	POD B REC TRACT	180810-10	0.73 Ac
	POD C	171120-10	50.00 Ac
	POD C REC TRACT	180815-765	1.98 Ac
	POD C2	181226-1079	27.87 Ac
	POD A2	180924-859	12.42 Ac
	POD B2	180814-760	7.36 Ac
	POD A3 THRU A6	190506-4	63.23 Ac

CURRENT UNPERMITTED TO DATE:

	POD D1	14.59 Ac
	POD E1	24.97 Ac

THOMAS
ENGINEERING GROUP

CIVIL ENGINEERS - PROJECT MANAGERS - LAND PLANNING - LANDSCAPE ARCHITECTS

1000 CORPORATE DR. SUITE 600
JUPITER, FL 33458
P: 561-203-7503
F: 561-203-7503

4950 W. KENNEDY BLVD. SUITE 206
JUPITER, FL 33458
P: 813-378-4100
F: 813-378-4100

REVISIONS:

REV.	DATE	COMMENT	BY

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PROJECT No.:	FJ160006
DRAWN BY:	MJL
CHECKED BY:	BMJ
DATE:	04-01-2019
CAD No.:	180006-MASTER-SFWMD-AND-PSL-MAP

PROJECT:

VERANO SOUTH

FOR

VERANO DEVELOPMENT

PORT SAINT LUCIE
FLORIDA

THOMAS
ENGINEERING GROUP

PEBORTH PROFESSIONAL PLAZA
125 W. INDIANTOWN RD., SUITE 206
JUPITER, FL 33458
PH: (561) 203-7503
FX: (561) 203-7721
www.ThomasEngineeringGroup.com

BRANDON JUMER
No. 68345

PROFESSIONAL ENGINEER
FLORIDA BUSINESS REGISTRATION No. 27528

SHEET TITLE:
SFWMD MASTER MAP

SHEET NUMBER:
SFWMD-01

Printed on Thursday, July 11, 2019, 2:59 PM by Michael Leporetti

ELEVATIONS BASED ON NAVD'83

