

THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN (LATEST EDITION) CONTAINS REFERENCES TO THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE FDOT STANDRRAD PLANS (LATEST EDITION), AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THE NARRATIVE, THE CONTRACTOR’S APPROVED EROSION CONTROL PLAN REQUIRED BY FDOT EROSION AND SEDIMENT CONTROL MANUAL, FDOT SPECIFICATION SECTION 104, AND REPORTS OF INSPECTION MADE DURING CONSTRUCTION.

I. SITE DESCRIPTION

THIS PROJECT IS LOCATED IN SEMINOLE COUNTY, FLORIDA, AT SECTION 15 – TOWNSHIP 21 SOUTH – RANGE 29 EAST. THE PROJECT INCLUDES THE LENGTH OF FRANCES DRIVE. FROM JUST NORTH OF THE LITTLE CAESARS PIZZA, EILEEN AVENUE FROM JUST NORTH OF THE CHECKERS. GRACE BOULEVARD FROM JUST NORTH OF THE 7–ELEVEN, JAY DRIVE FROM JUST NORTH OF THE FIRESTONE, RONNIE DRIVE, OAK DRIVE, GERRY DRIVE, JAY COURT, AND JOANNE COURT FOR A TOTAL PROJECT LENGTH OF 1.7467 MILES.

THE PROJECT BEGINS ON FRANCES DRIVE JUST NORTH OF THE LITTLE CAESARS PIZZA TO THE END OF THE STREET. THE LIMITS OF EILEEN AVENUE START JUST NORTH OF THE CHECKERS AND GO THE END OF THE STREET. THE LIMITS OF GRACE BOULEVARD START JUST NORTH OF THE 7–ELEVEN AND GO TO THE END OF THE STREET. THE LIMITS OF JAY DRIVE START JUST NORTH OF THE FIRESTONE AND GO TO THE END OF THE STREET. ALL OF RONNIE DRIVE, OAK DRIVE, GERRY DRIVE, JAY COURT, AND JOANNE COURT ARE INCLUDED IN THE PROJECT.

CPH, INC. HAS PREPARED CONSTRUCTION PLANS FOR SEMINOLE COUNTY THAT INCLUDES, BUT IS NOT LIMITED TO: PROPOSED SIDEWALK, STORM DRAINAGE, AND EROSION CONTROL.

A. NATURE OF CONSTRUCTION ACTIVITY

THIS PROJECT CONSISTS OF THE CONSTRUCTION OF PROPOSED SIDEWALKS AND THE REMOVAL AND RE–CONSTRUCTION OF EXISTING DRIVEWAYS. STORM DRAINAGE IS ALSO INVOLVED.

B. MAJOR SOIL DISTURBING ACTIVITIES

THE MAJOR SOIL DISTURBING ACTIVITIES INCLUDE THE FOLLOWING:

- 1. CLEAR AND GRUB WITHIN THE LIMITS OF CONSTRUCTION.
- 2. EARTHWORK ASSOCIATED WITH THE CONSTRUCTION OF SIDEWALKS.
- 3. PROVIDE FINAL GRADING FOR LANDSCAPING WITHIN THE CONSTRUCTION AREAS.

C. PROJECT AREA

TOTAL PROJECT AREA = 8.15 ACRES  
DISTURBED AREA = 8.15 ACRES

D. RUNOFF DATA

E. EXISTING SOIL OR WATER QUALITY DISCHARGE DATA

SOILS

- THE U.S.D.A. SOIL SURVEY OF SEMINOLE COUNTY, FLORIDA IDENTIFIES THREE (3) SOIL TYPES AS OCCURRING ON THE SUBJECT PROJECT AREA. A SUMMARY OF THE CHARACTERISTICS OF THESE SOIL TYPES, AS DESCRIBED BY THE NATURAL RESOURCE CONSERVATION SERVICE (NRCS, FORMERLY SOIL CONSERVATION SERVICE (SCS)) SOIL SURVEY
- GEOGRAPHIC (SSURGO) DATABASE FOR FLORIDA ARE AS FOLLOWS:
- ARENTS; 0 TO 5 PERCENT SLOPES
- ASTATULA–APOPKA FINE SANDS
- URBAN LAND; 0 TO 2 PERCENT SLOPES

DRAINAGE AREA FOR EACH OUTFALL

RUNOFF THROUGHOUT THE PROJECT IS CONVEYED BY A COMBINATION OF INLETS, SWALES, AND STORM SEWER PIPES THAT DRAIN INTO THE EXISTING STORM SEWER SYSTEM FROM THE WEST SIDE OF FRANCES DRIVE AND THE NORTH END OF JAY COURT.

D. SITE MAP

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS.

E. RECEIVING WATERS

RUNOFF FROM DRAINAGE BASINS WITHIN THE PROJECT AREA TO BE DISCHARGED INTO EXISTING STORM SYSTEM AND SWALES.

II. CONTROLS

SEQUENCE OF SOIL DISTURBING ACTIVITIES AND IMPLEMENTATION OF CONTROLS:

- 1. INSTALLATION OF EROSION AND SEDIMENTATION PERIMETER CONTROLS AS SPECIFIED IN THE PLANS AND THE CONTRACTOR’S APPROVED EROSION CONTROL PLAN.
- 2. CLEAR AND GRUB WITHIN LIMITS OF CONSTRUCTION.
- 3. CONSTRUCT DRIVEWAYS AND SIDEWALKS.
- 4. PROVIDE FINAL GRADING FOR CONSTRUCTION AREAS.
- 5. INSTALL FINAL SODDING AND LANDSCAPING.
- 6. REMOVE ALL EROSION AND SEDIMENT CONTROLS.

THE CONTRACTOR, WITH THE ENGINEER’S APPROVAL, MAY MODIFY THE SEQUENCE OF CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE STORMWATER POLLUTION PREVENTION PLAN IN THE SECTION 104 EROSION CONTROL PLAN.

ALL CONTROLS SHALL BE CONSISTENT WITH THE PERFORMANCE STANDARDS FOR EROSION AND SEDIMENT CONTROL AND STORMWATER TREATMENT AS SET FORTH IN RULE 62–40.432, F.A.C., THE APPLICABLE ENVIRONMENTAL RESOURCE PERMITTING REQUIREMENTS OF THE FDEP AND/OR THE ST. JOHN’S RIVER WATER MANAGEMENT DISTRICT (SJRWMD), AND THE GUIDELINES CONTAINED IN THE FLORIDA DEVELOPMENT MANUAL: A GUIDE TO SOUND LAND AND WATER MANAGEMENT (FDEP, 1988) AND ANY SUBSEQUENT AMENDMENTS.

TEMPORARY STABILIZATION:

DISTURBED PORTIONS OF THE SITE (E.G., EMBANKMENTS, DITCHES, AND SWALES) SHALL BE STABILIZED WITH TEMPORARY GRASSING AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN SEVEN (7) DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

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**Goldie Manor Sidewalks**  
**Seminole County**

Plans Prepared By:  
CPH, Inc.  
500 West Fulton St. Sanford, FL 32771  
Phone: 407.322.6841  
Licenses:  
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926  
Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

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II. CONTROLS – CONTINUED

PERMANENT STABILIZATION:

DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY PERMANENTLY CEASES SHALL BE STABILIZED WITH SOD AS SPECIFIED IN THE TYPICAL SECTION AS SOON AS PRACTICABLE, BUT IN NO CASE MORE THAN SEVEN (7) DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.

A. EROSION AND SEDIMENT CONTROLS:

(I) STABILIZATION PRACTICES

- TEMPORARY SODDING
- TEMPORARY GRASSING
- X

PERMANENT PLANTING, SODDING, OR SEEDING
- TEMPORARY MULCHING
- ARTIFICIAL COVERING
- BUFFER ZONES
- X

PRESERVATION OF NATURAL RESOURCES
- OTHER

(II) STRUCTURAL PRACTICES:

- X

SAND BAGGING
- SILT FENCES
- SYNTHETIC BALES
- BERMS
- DIVERSION INTERCEPTOR, OR PERIMETER DITCHES
- PIPE SLOPE DRAINS
- FLUMES
- ROCK BEDDING AT CONSTRUCTION EXIT
- TIMBER BEDDING AT CONSTRUCTION EXIT
- DITCH LINER
- SEDIMENT TRAPS
- SEDIMENT BASINS
- X

STORM INLET SEDIMENT TRAP
- STONE OUTLET STRUCTURES
- CURB AND GUTTERS
- STORM SEWERS
- VELOCITY CONTROL DEVICES
- TURBIDITY BARRIER
- X

RIP RAP
- X

DITCH BLOCK
- OTHER

WHEN A SEDIMENTATION TRAP OR BASIN IS NOT ATTAINABLE, THE ROADSIDE SWALE AND VEGETATED SWALE RETENTION AREAS MAY BE USED AS A TEMPORARY SEDIMENTATION BASIN DURING CONSTRUCTION IF THE ORIGINAL DESIGN FUNCTION AND CAPACITY OF THE SWALES ARE NOT COMPROMISED. BEFORE COMPLETION OF CONSTRUCTION, THE SEDIMENTS IN THE ROADSIDE SWALES SHALL BE REMOVED AND PERMANENT EROSION CONTROL SHALL BE IN PLACE SUCH AS SODDING OR SEED AND MULCH.

(III) NON–STORMWATER DISCHARGE (INCLUDING SPILL REPORTING)

NO NON–STORMWATER DISCHARGES ARE ANTICIPATED. WHEN THE CONTRACTOR ENCOUNTERS A SPILL, CONSTRUCTION WILL STOP AND WORK WILL NOT RESUME UNTIL DIRECTED BY THE COUNTY ENGINEER. DISPOSITION OF HAZARDOUS WASTE WILL BE MADE IN ACCORDANCE WITH ANY REQUIREMENTS AND REGULATIONS OF ANY LOCAL, STATE, OR FEDERAL AGENCY HAVING JURISDICTION. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP IN THE SECTION 104 EROSION CONTROL PLANS.

II. CONTROLS – CONTINUED

A. EROSION AND SEDIMENT CONTROLS: – CONTINUED

(IV) CONCRETE TRUCKS

CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH INTO SWALES OR STORMWATER INLETS. CONTRACTOR SHALL COORDINATE WITH THE COUNTY ENGINEER OR AUTHORIZED REPRESENTATIVE TO DETERMINE APPROPRIATE WASH OUT AREA ON COUNTY PROPERTY. THE CONTRACTOR SHALL REMOVE WASHED OUT CONCRETE AND REPAIR AREA TO PRE–CONSTRUCTION CONDITION OR BETTER.

III. MAINTENANCE

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL POLLUTION PREVENTION CONTROLS. DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE THE EFFECTIVENESS OF EROSION, SEDIMENTATION, TURBIDITY, AND POLLUTION CONTROL MEASURES. REMEDIAL ACTION SHALL BE PERFORMED IMMEDIATELY.

IV. INSPECTION

ALL CONTROLS SHALL BE INSPECTED ONCE EVERY SEVEN (7) CALENDAR DAYS THROUGHOUT THE CONSTRUCTION PERIOD BY THE CONTRACTOR, AS WELL AS WITHIN 24 HOURS OF ONE HALF INCH (0.5 INCHES) OR MORE RAIN, UNTIL THE NOTICE OF TERMINATION IS FILED WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). THE CONTRACTOR WILL USE FDOT FORM 650–040–03 TO REPORT ALL INSPECTION FINDINGS AND CORRECTIVE ACTIONS TAKEN AS A RESULT OF THE INSPECTION. THE CONTRACTOR WILL SIGN EACH INSPECTION REPORT AND SUBMIT IT WEEKLY TO THE COUNTY ENGINEER. THE CONTRACTOR WILL MAKE AN INSPECTION, MAINTENANCE, AND REPAIRS REPORT PER EACH INSPECTION. BASED ON INSPECTION RESULTS, THE CONTROLS SHALL BE REVISED PER THE INSPECTION REPORTS. THE CONTRACTOR SHALL PROVIDE AN FDEP QUALIFIED STORMWATER MANAGEMENT INSPECTOR TO INSPECT THE DISTURBED AREAS OF THE CONSTRUCTION SITE THAT HAVE NOT BEEN STABILIZED, THE AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, THE STRUCTURAL CONTROL MEASURES, AND THE LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. A REPORT SHALL BE ATTACHED TO THE DAILY QUALITY CONTROL REPORT. INCLUDED IN THE REPORT WILL BE A WRITTEN SUMMARY OF THE SCOPE OF THE INSPECTION, MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE SWPPP, THE NAME OF THE INSPECTOR, THE DATE, AND THE ACTIONS AND MODIFICATIONS TAKEN TO CORRECT ANY INSUFFICIENCIES IDENTIFIED DURING THE INSPECTION. THE REPORT SHALL IDENTIFY ANY INCIDENT OF NON–COMPLIANCE. IF NO INCIDENTS OF NON–COMPLIANCE ARE OBSERVED DURING THE INSPECTION, THE REPORT SHALL CONTAIN A CERTIFICATION THAT THE FACILITY IS IN COMPLIANCE WITH THE SWPPP AND ALL ENVIRONMENTAL PERMITS.

CONTRACTOR CERTIFICATION:

” I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND AND SHALL COMPLY WITH THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN THEREUNDER.”

NAME: \_\_\_\_\_

TITLE: \_\_\_\_\_

CONTRACTING FIRM: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

TELEPHONE #: \_\_\_\_\_

DATE: \_\_\_\_\_

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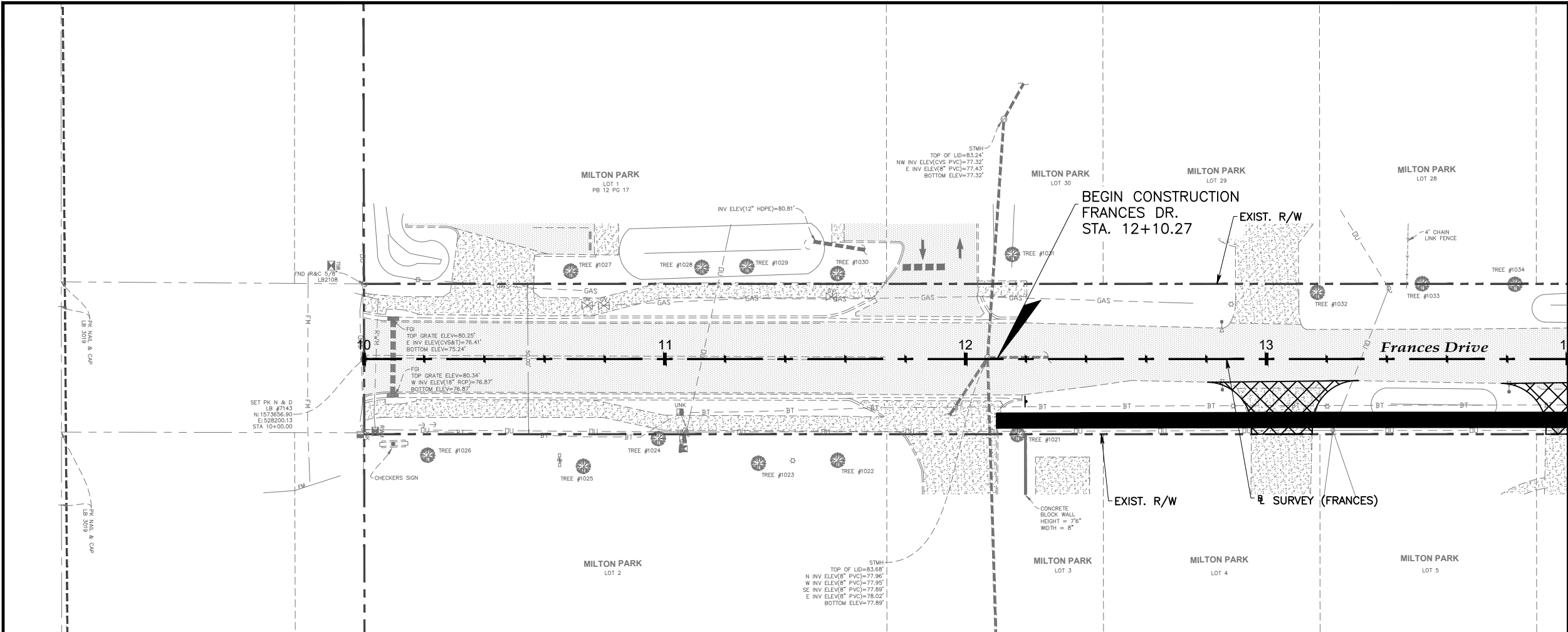
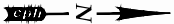
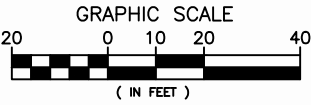
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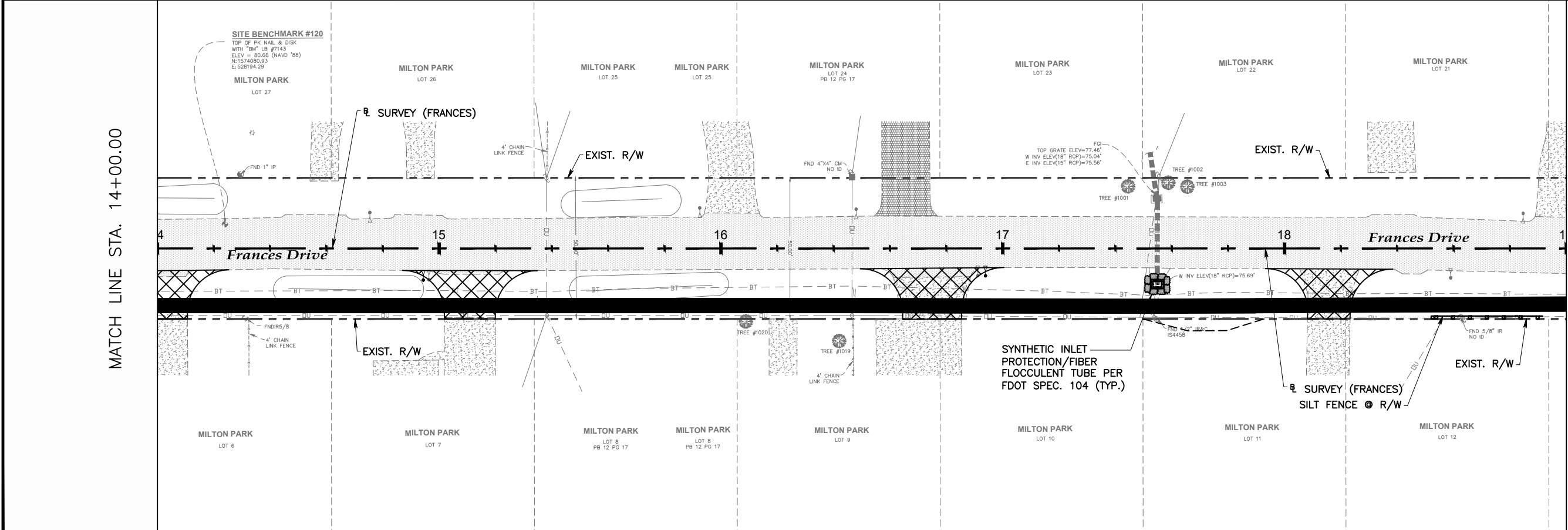
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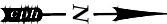
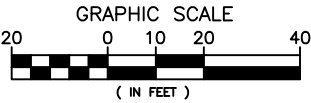
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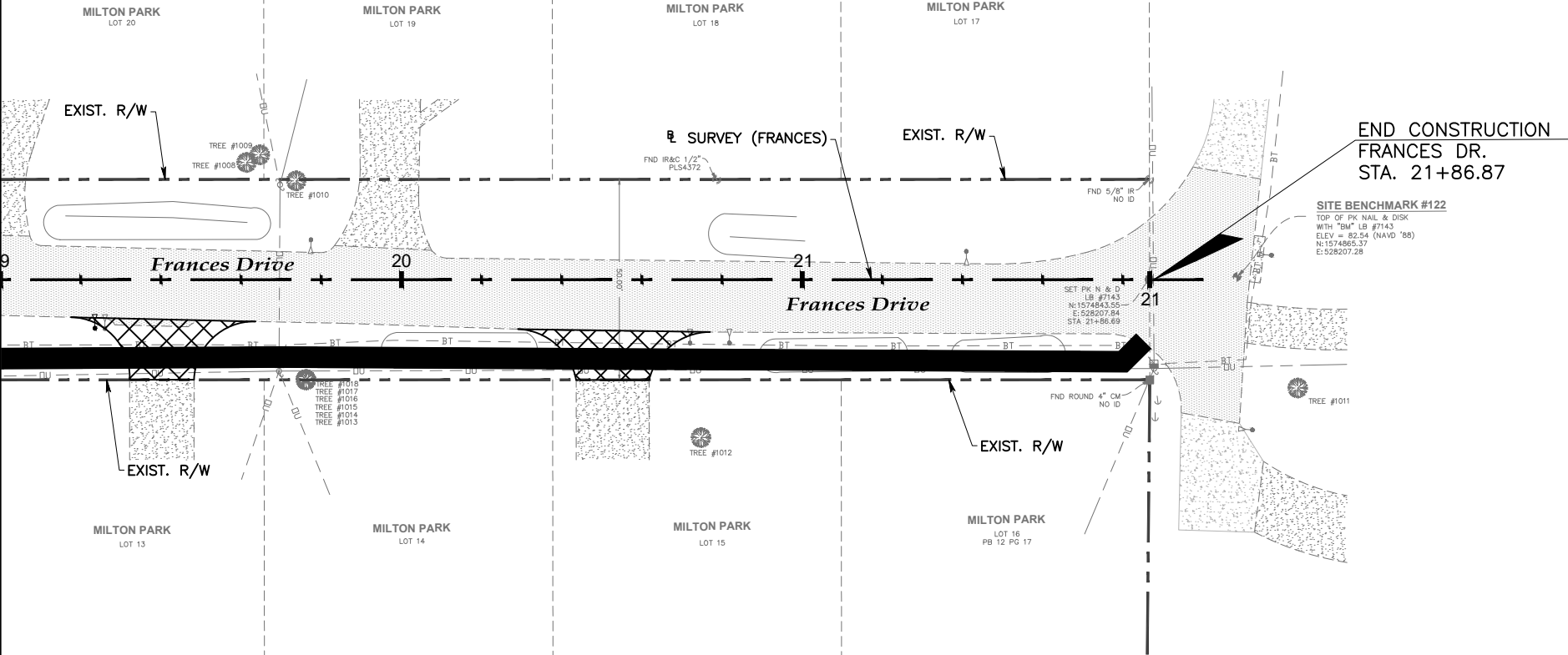
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**Frances Drive SWPPP**

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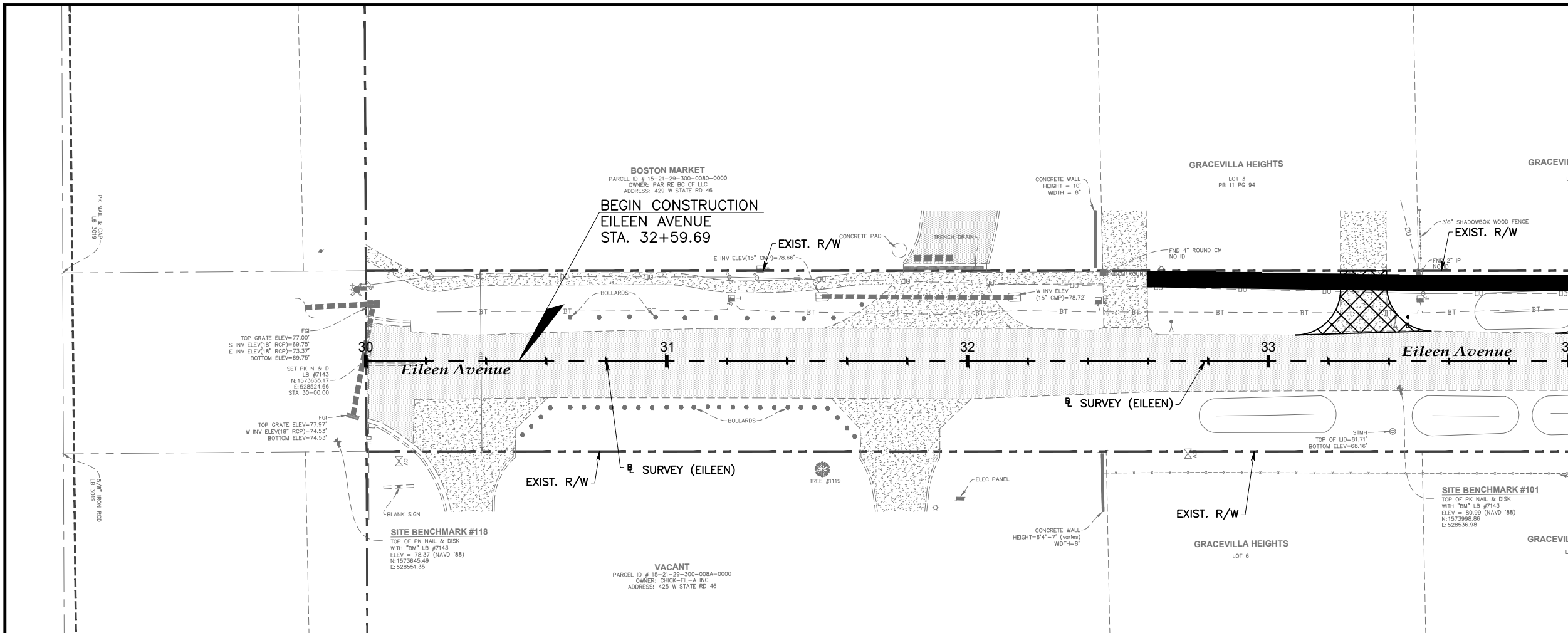
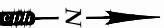
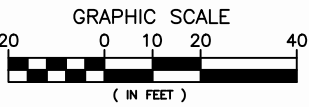
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**Frances Drive SWPPP**

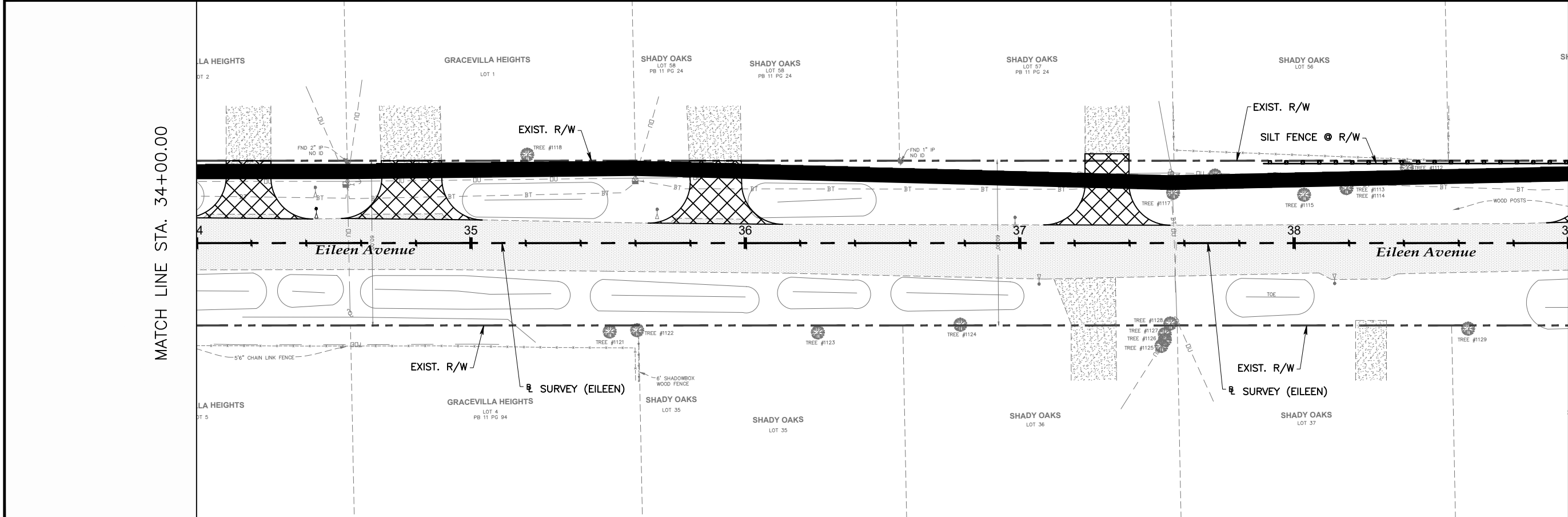
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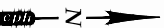
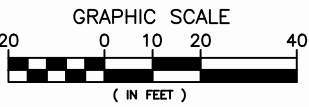
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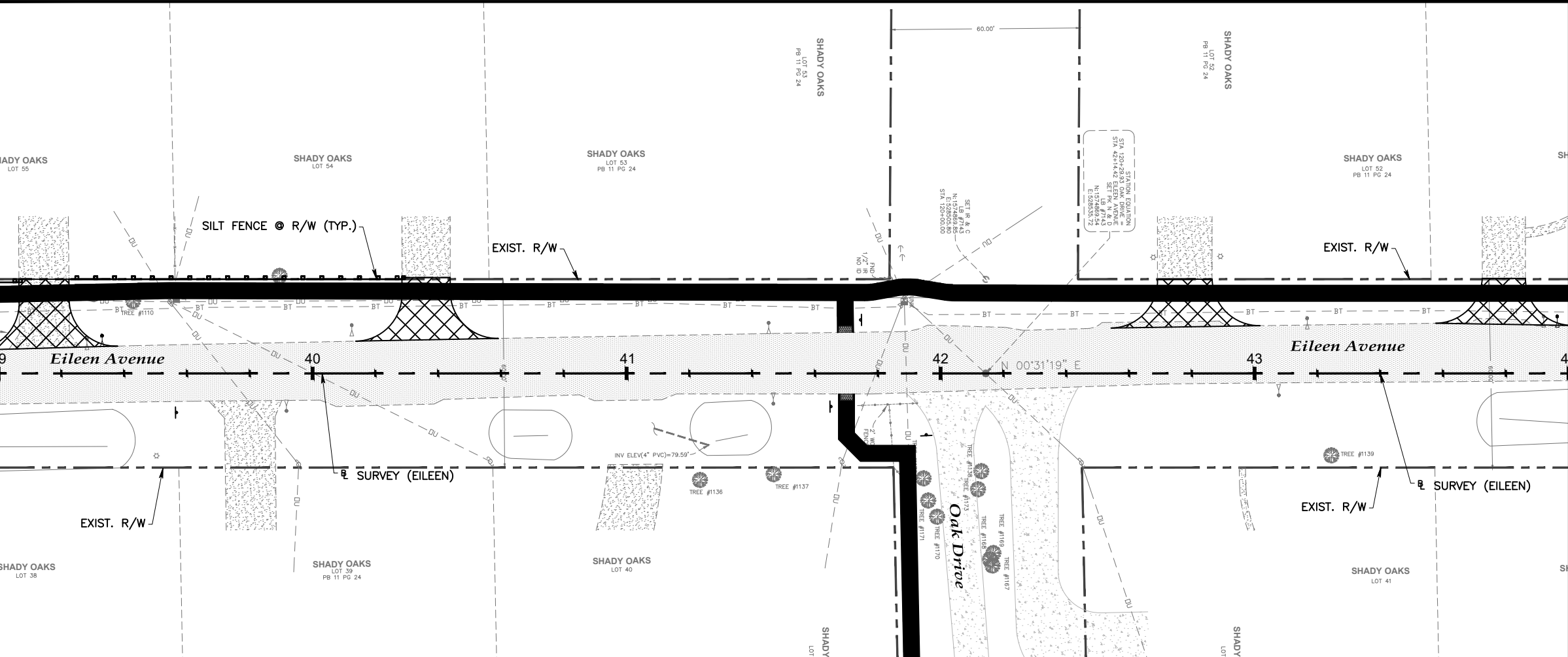
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Sheet No.  
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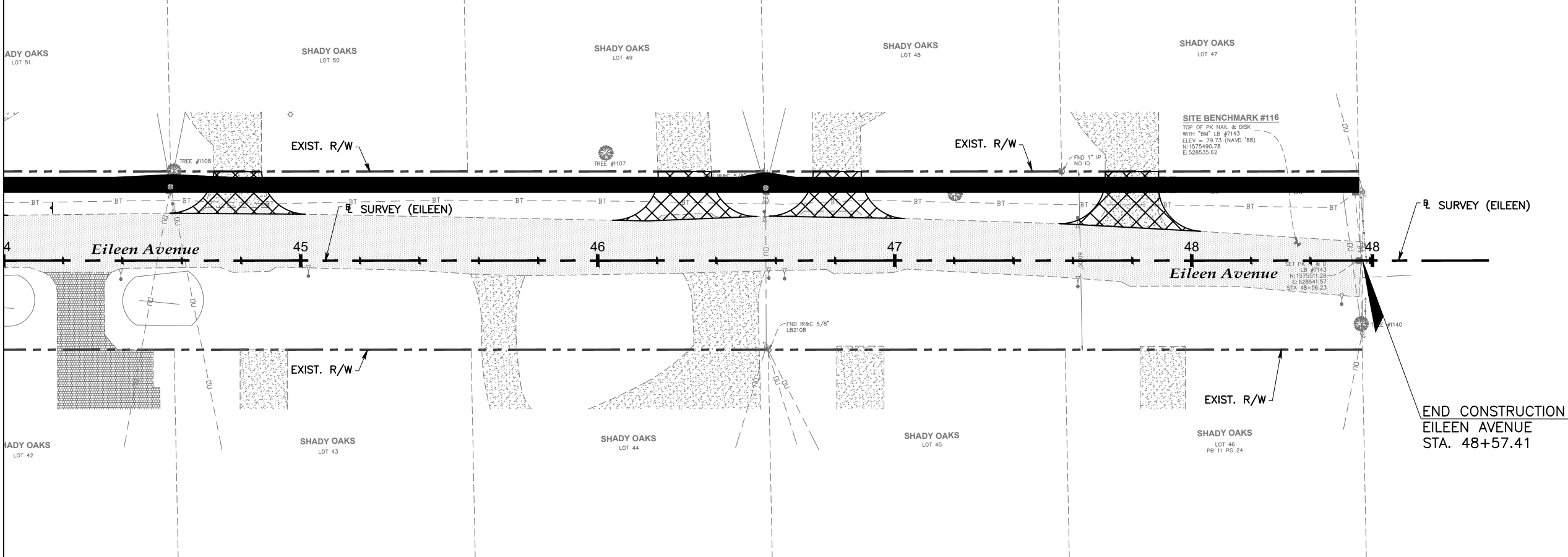


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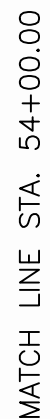
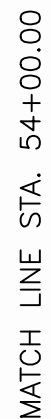
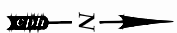
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**Eileen Avenue SWPPP**

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**80**

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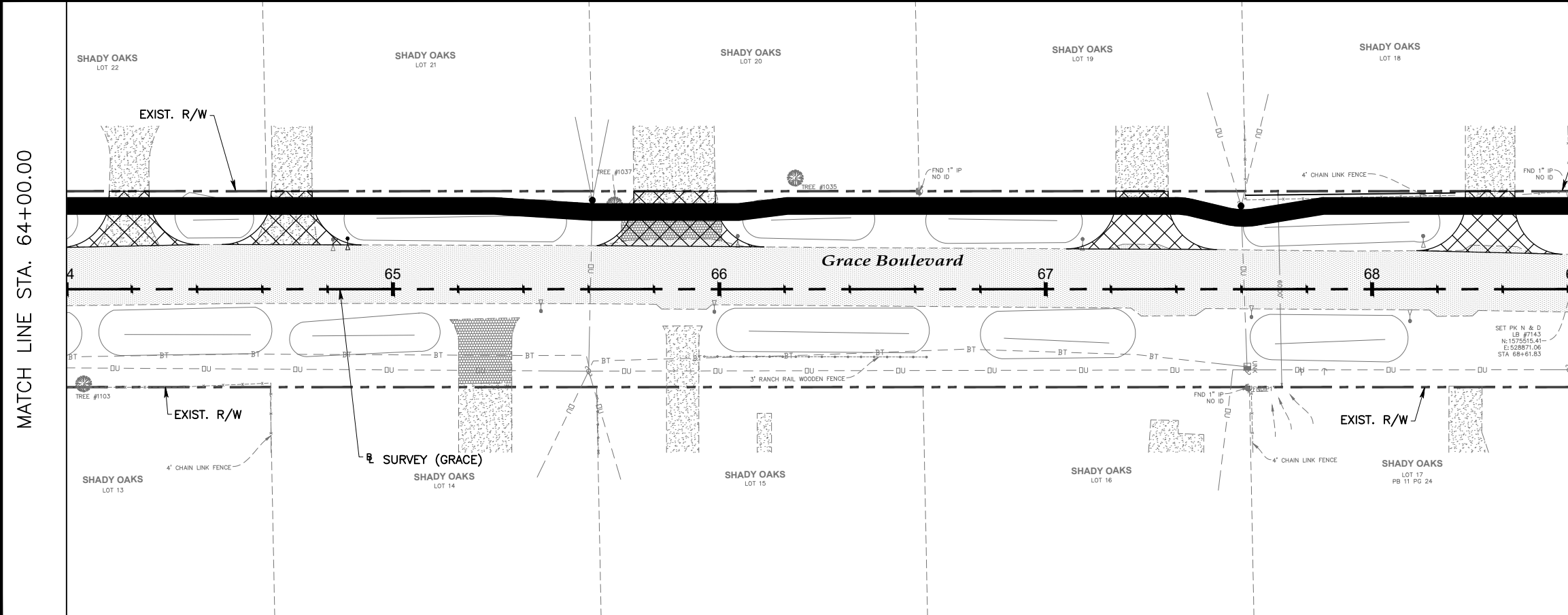
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**Grace Boulevard**  
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Sheet No.

**81**



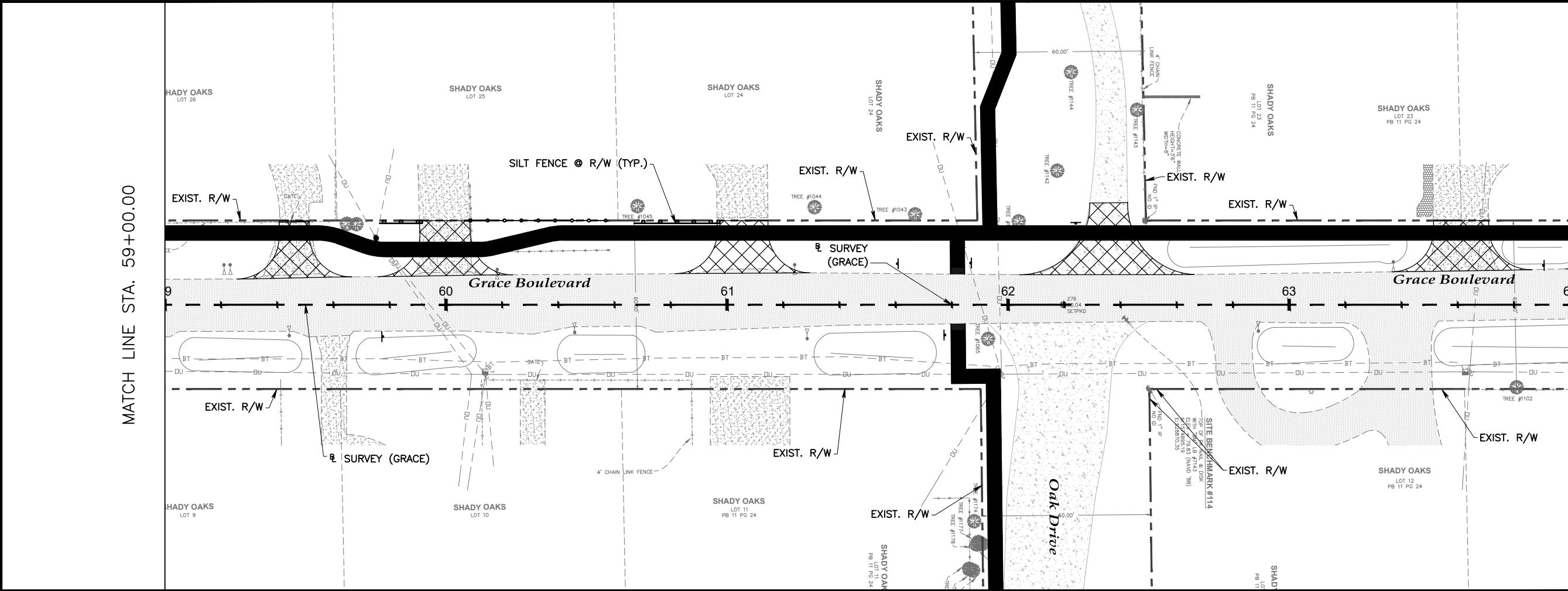
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GRACE BOULEVARD  
STA. 68+62.39

SURVEY (GRACE)

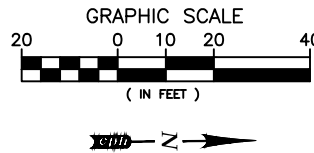
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LOS ANGELES, CA 90067-4003  
PB 7 PG 4

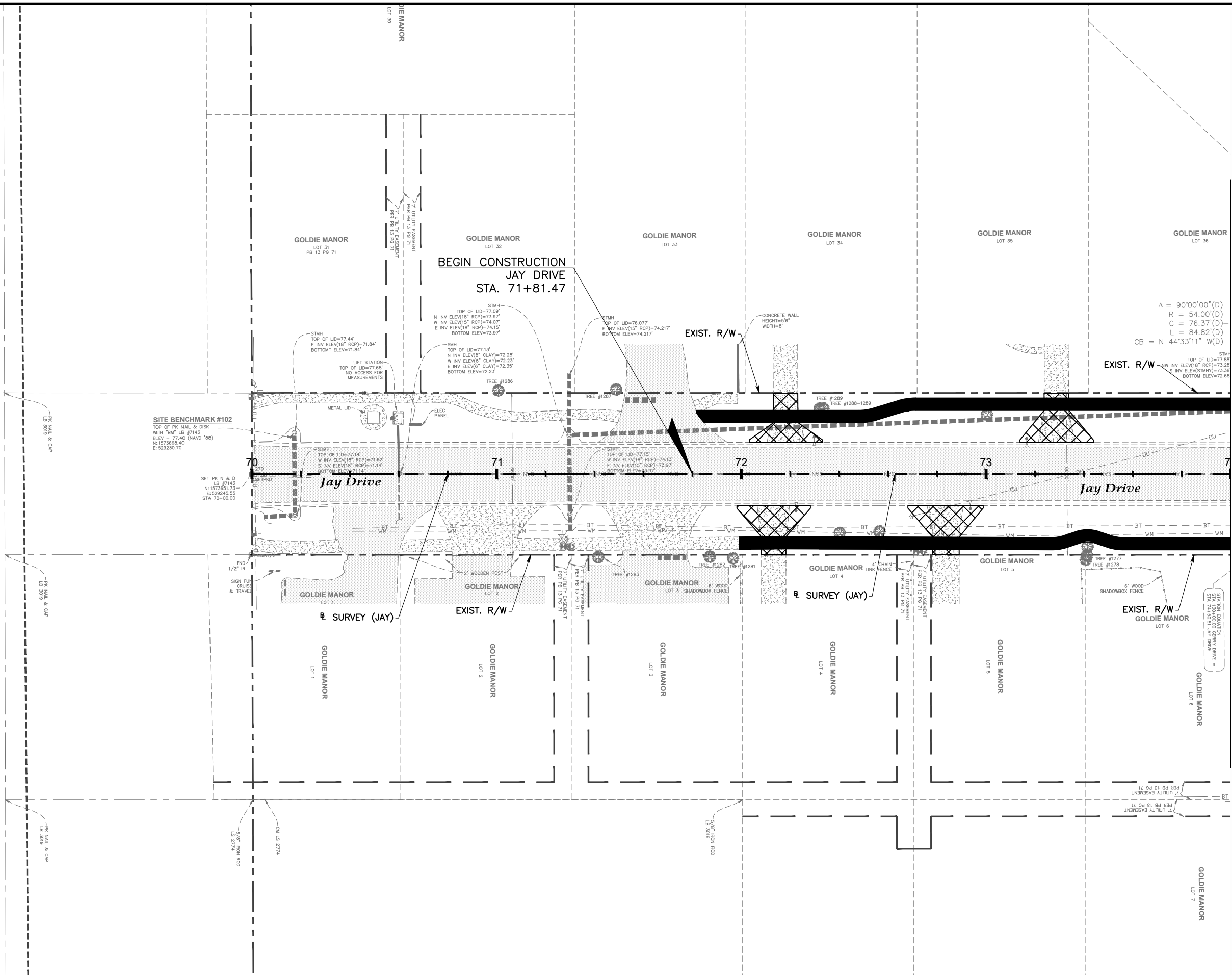
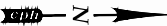
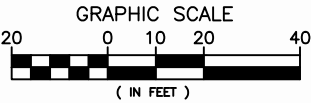
SET PK N & D  
LB #7143  
N: 157°05'45.41"  
E: 52°88'11.06"  
STA 68+61.83

CONCRETE WALL  
HEIGHT=6'6"  
WIDTH=8"



MATCH LINE STA. 64+00.00





MATCH LINE STA. 74+00.00

$\Delta = 90^{\circ}00'00''(D)$   
 $R = 54.00'(D)$   
 $C = 76.37'(D)$   
 $L = 84.82'(D)$   
 $CB = N 44^{\circ}33'11'' W(D)$

No.	Date	Revision	By	No.	Date	Revision	By
1				2			
2				3			
3				4			
4				5			



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Checked by:	KRL		
Approved by:	JML		
Job No.	S0998		©2020

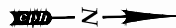
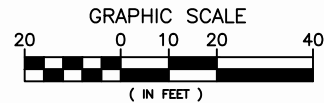
**Goldie Manor Sidewalks**  
**Seminole County**

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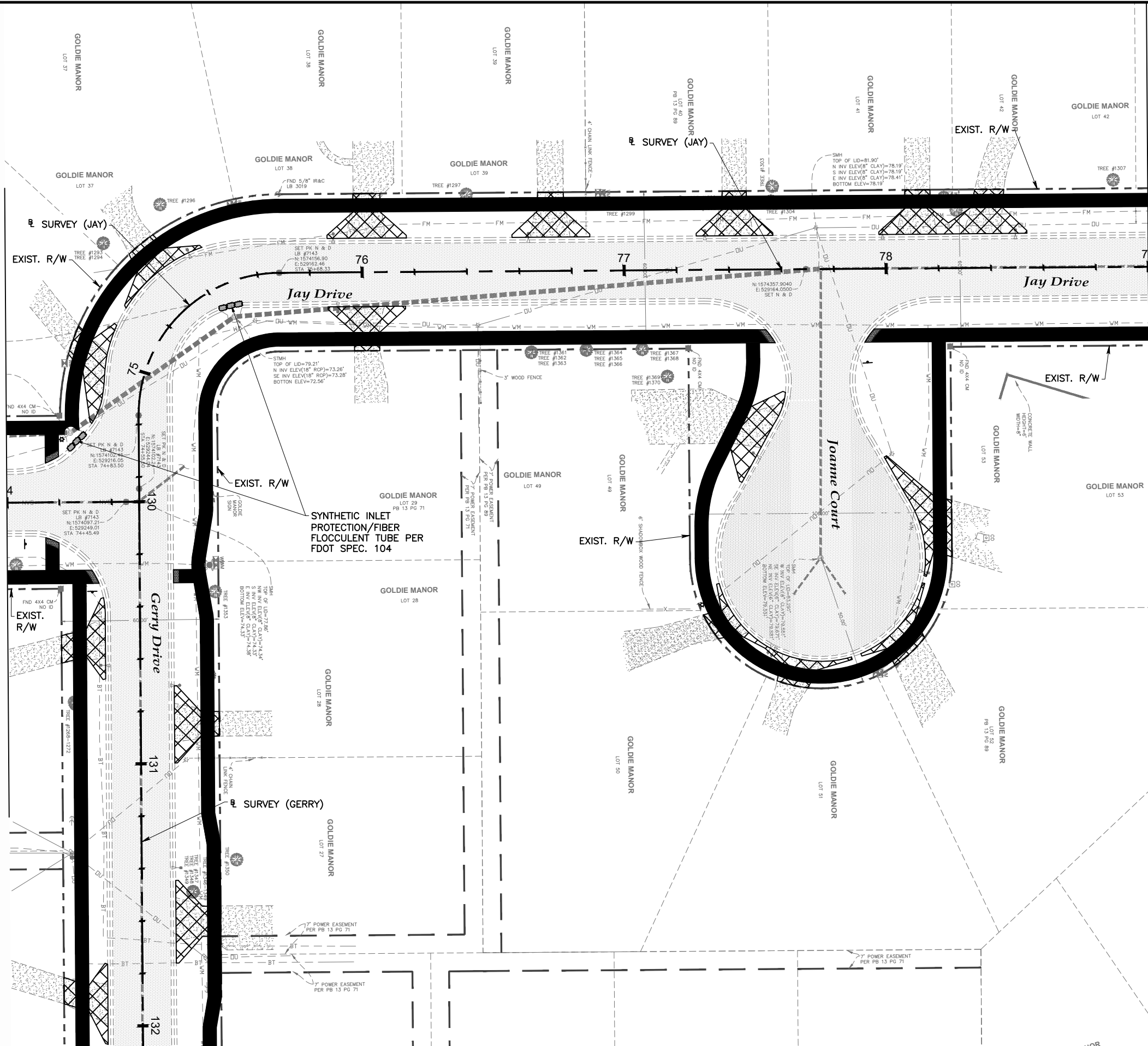
**Jay Drive SWPPP**

Sheet No.  
**82**



MATCH LINE STA. 79+00.00

MATCH LINE STA. 74+00.00



No.	Date	Revision	By	No.	Date	Revision	By
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2				2			
3				3			
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5				5			



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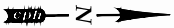
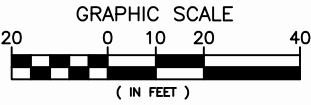
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**Jay Drive SWPPP**

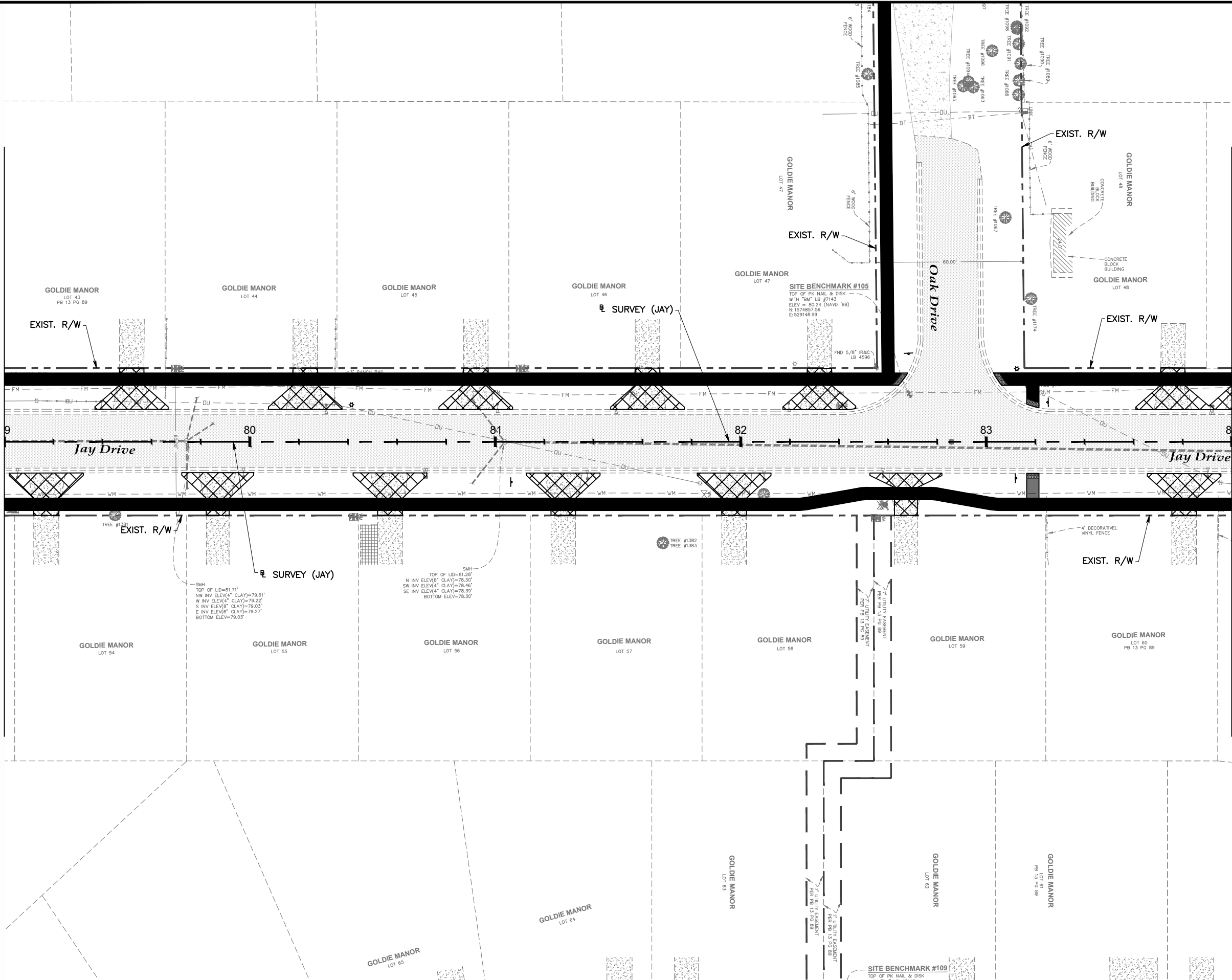
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**83**

Drawing Name: J:\50998\Roadways\SWPPP\SWPPRD04.dwg, Jul 31, 2020 - 11:18am anajia



MATCH LINE STA. 79+00.00

MATCH LINE STA. 84+00.00



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1				1			
2				2			
3				3			
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Approved by:	JML		
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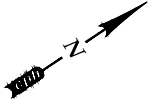
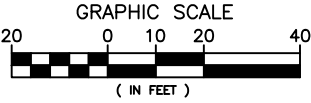
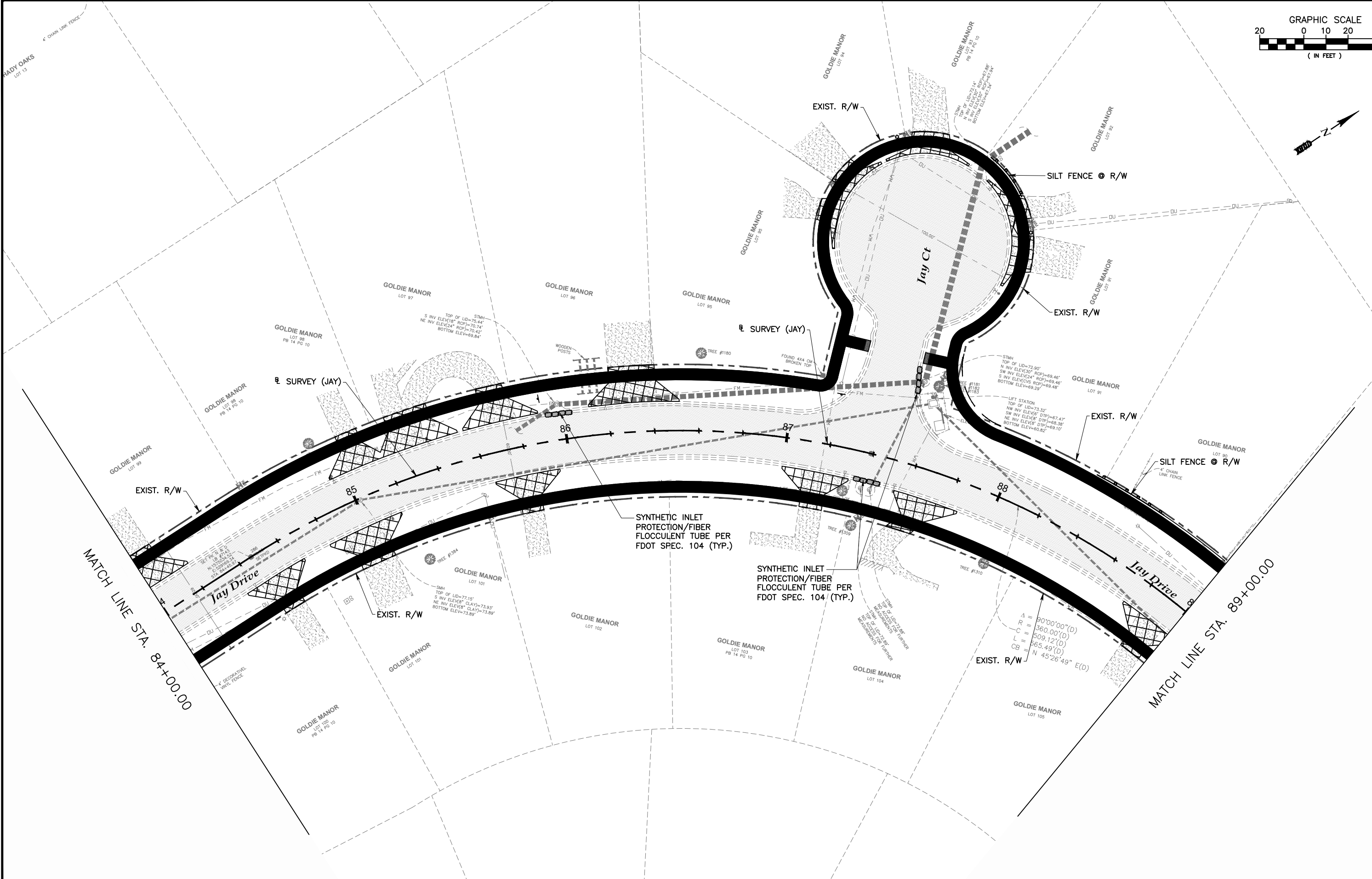
Plans Prepared By:  
**CPH, Inc.**  
500 West Fulton St. Sanford, FL 32771  
Phone: 407.322.6841  
Licenses:  
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926  
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**Jay Drive SWPPP**

Sheet No.  
**84**





No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
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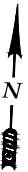
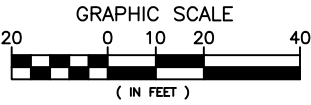
JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Jay Drive SWPPP**

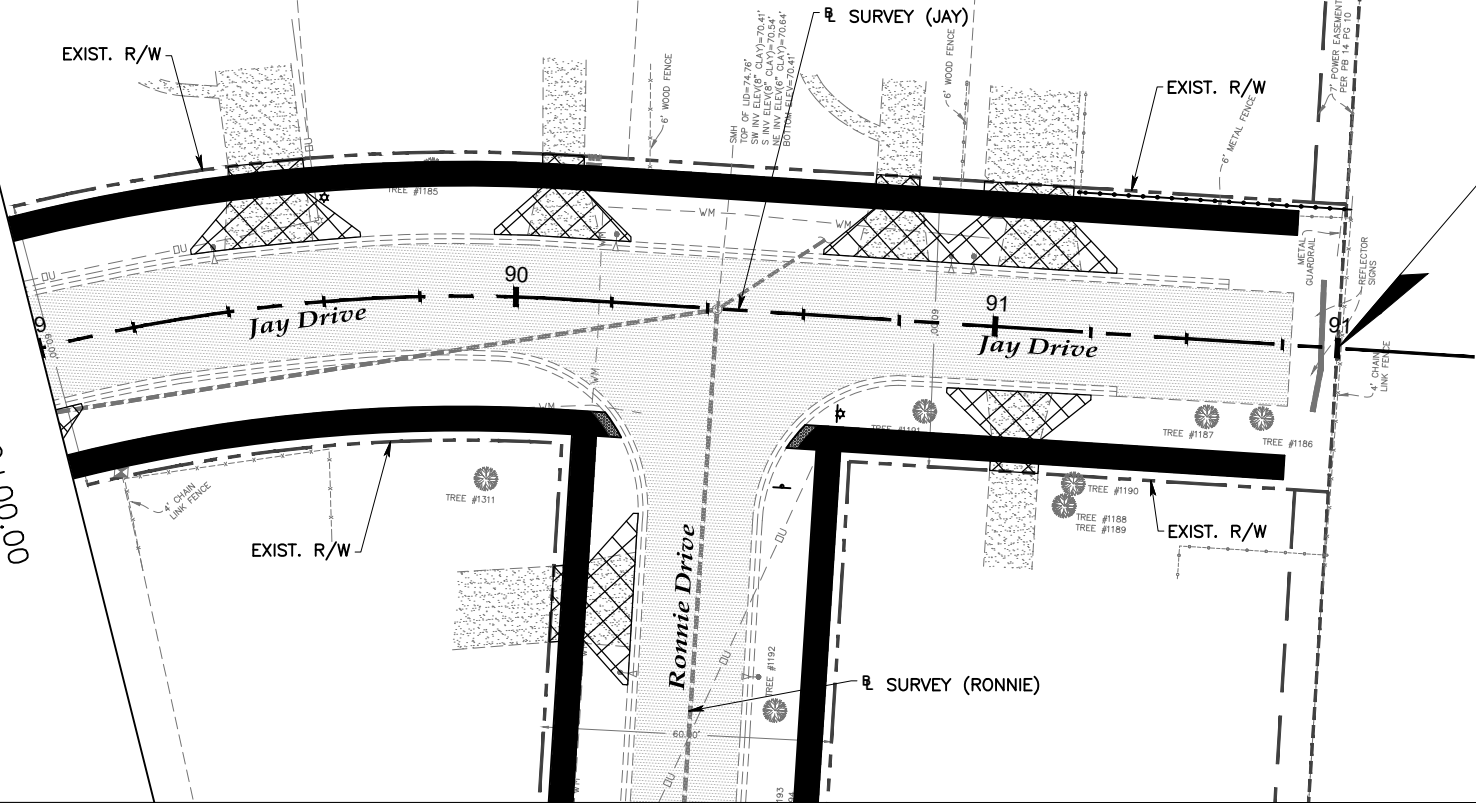
Sheet No.  
**85**

Drawing Name: J:\S0998\Roadway\SWPPP\SWPPRD04.dwg, Jul 31, 2020 - 11:15am, anajia





MATCH LINE STA. 89+00.00



END CONSTRUCTION  
JAY DRIVE  
STA. 91+71.48

No.	Date	Revision	By	No.	Date	Revision	By
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△				△			



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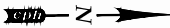
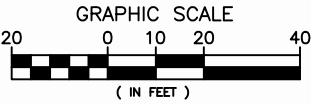
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**Jay Drive SWPPP**

Sheet No.

**86**

Drawing name: J:\S0998\Roadway\SWPPP\SWPPRD04.dwg, Jul 31, 2020 - 11:45am anajia



BEGIN CONSTRUCTION  
RONNIE DRIVE  
STA. 100+00.00

℄ SURVEY (RONNIE)

SYNTHETIC INLET  
PROTECTION/FIBER  
FLOCCULENT TUBE PER  
FDOT SPEC. 104

MATCH LINE STA. 104+00.00

MATCH LINE STA. 104+00.00

MATCH LINE STA. 109+00.00

No.	Date	Revision	By	No.	Date	Revision	By
1				1			
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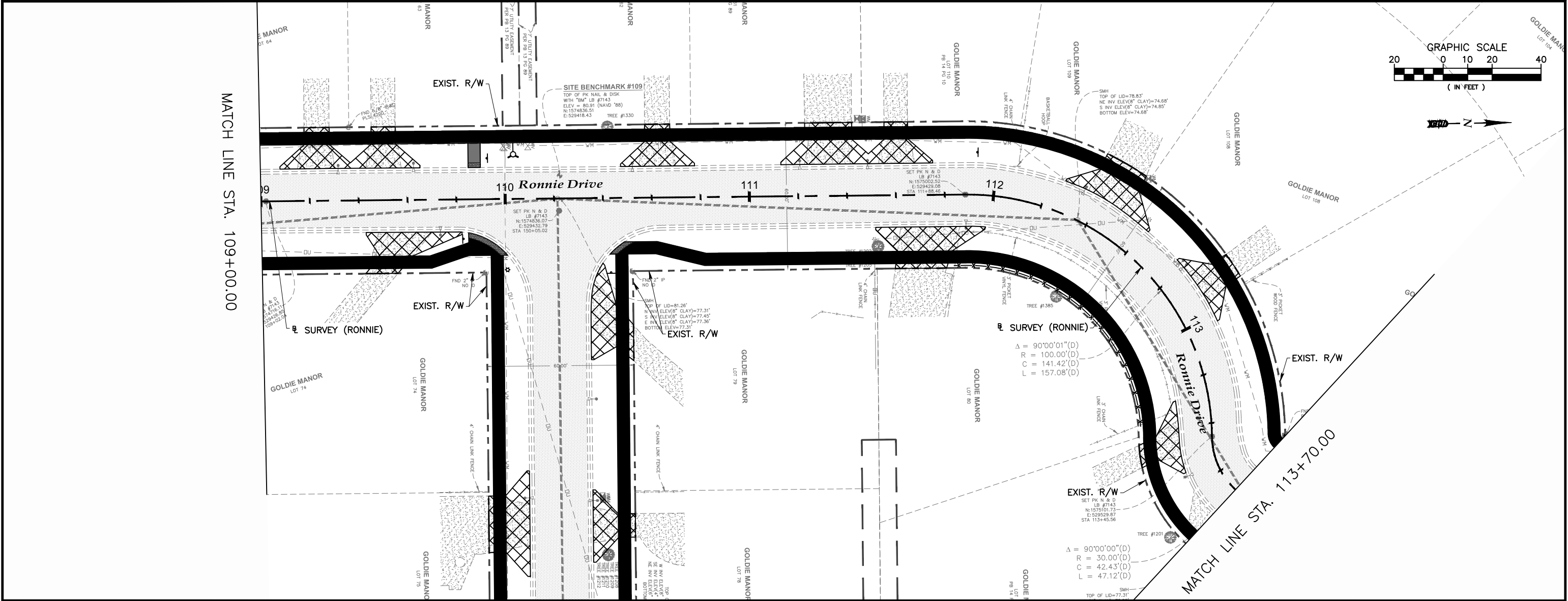
**Goldie Manor Sidewalks**  
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**Ronnie Drive SWPPP**

Sheet No.  
**87**



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
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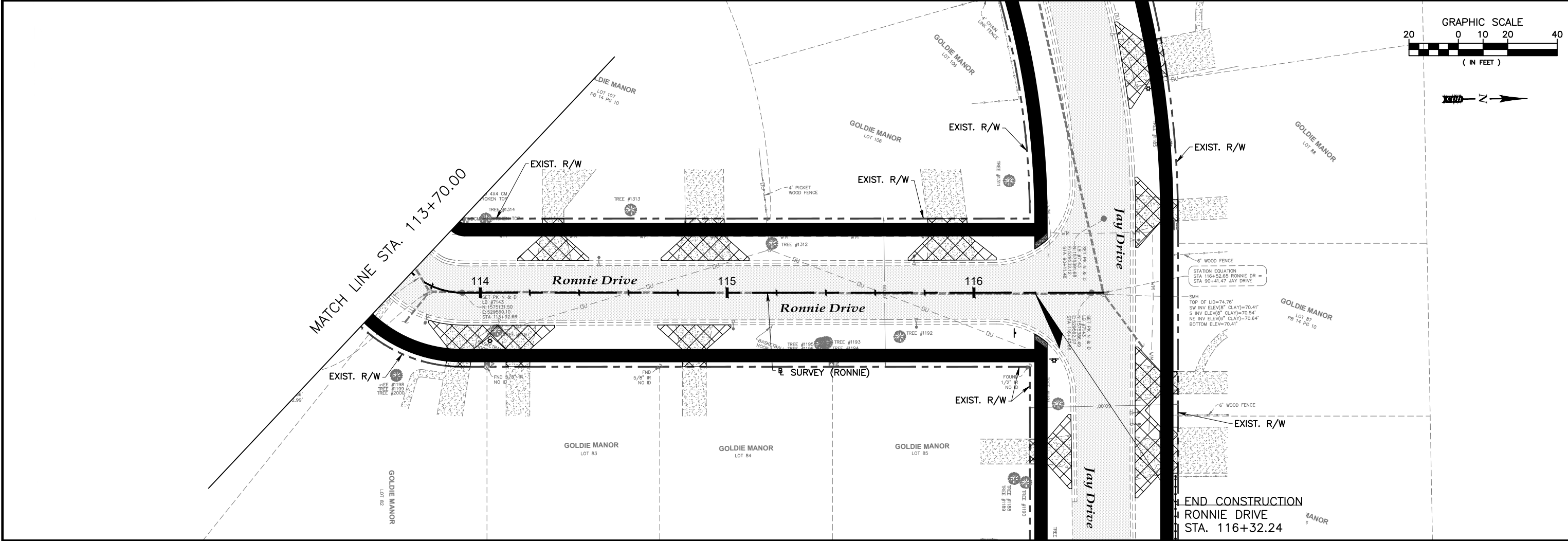
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**Ronnie Drive SWPPP**

Sheet No.  
**88**



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
5				5			



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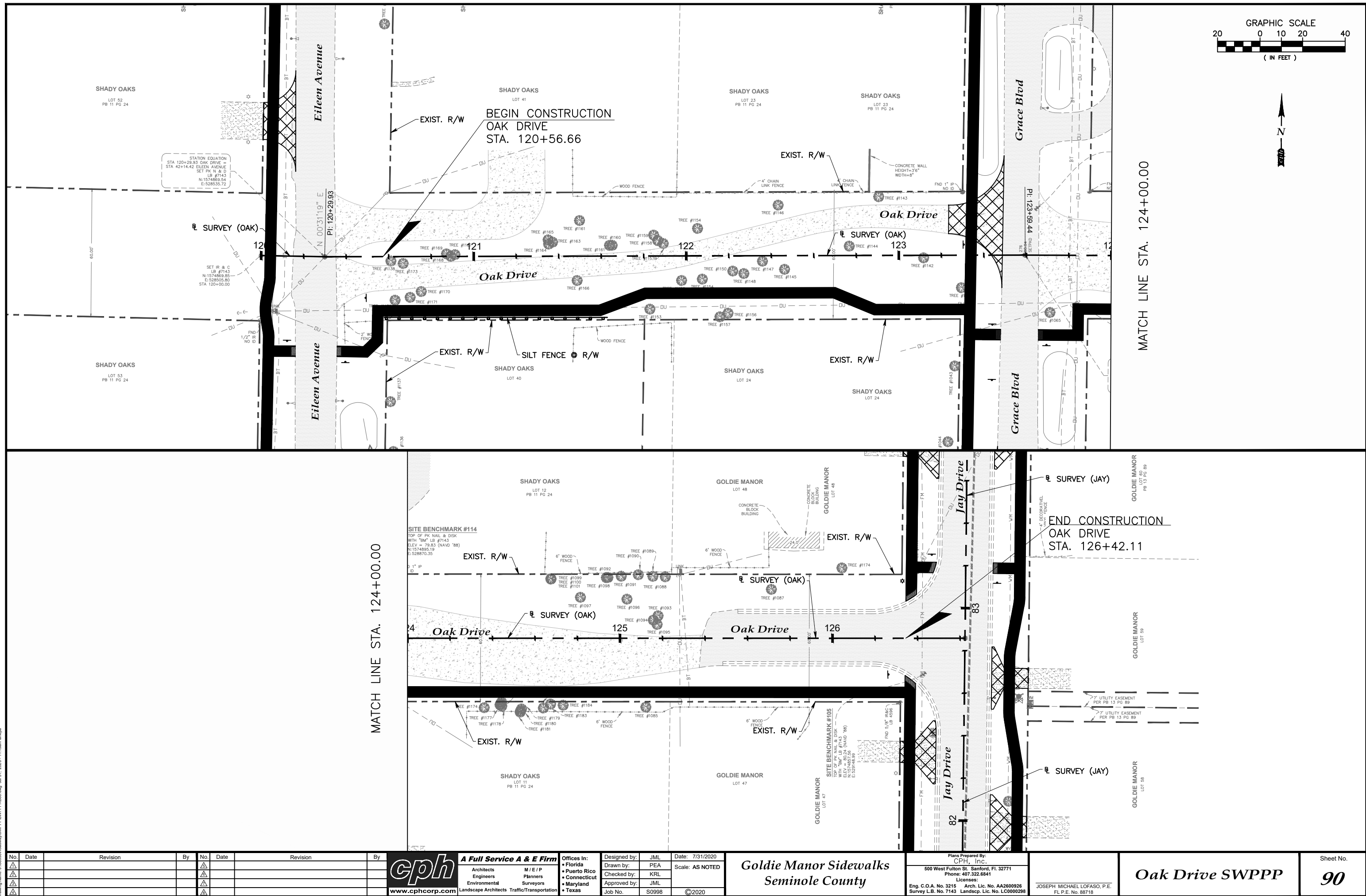
Plans Prepared By:  
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**Ronnie Drive SWPPP**

Sheet No.  
**89**

Drawing Name: J:\S0998\Roadway\SWPPP\SWPPRD05.dwg, Jul 31, 2020 - 11:45am anajia



No.	Date	Revision	By	No.	Date	Revision	By
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*Goldie Manor Sidewalks  
Seminole County*

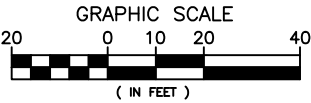
Plans Prepared By:  
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Phone: 407.322.6841  
Licenses:  
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926  
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*Oak Drive SWPPP*

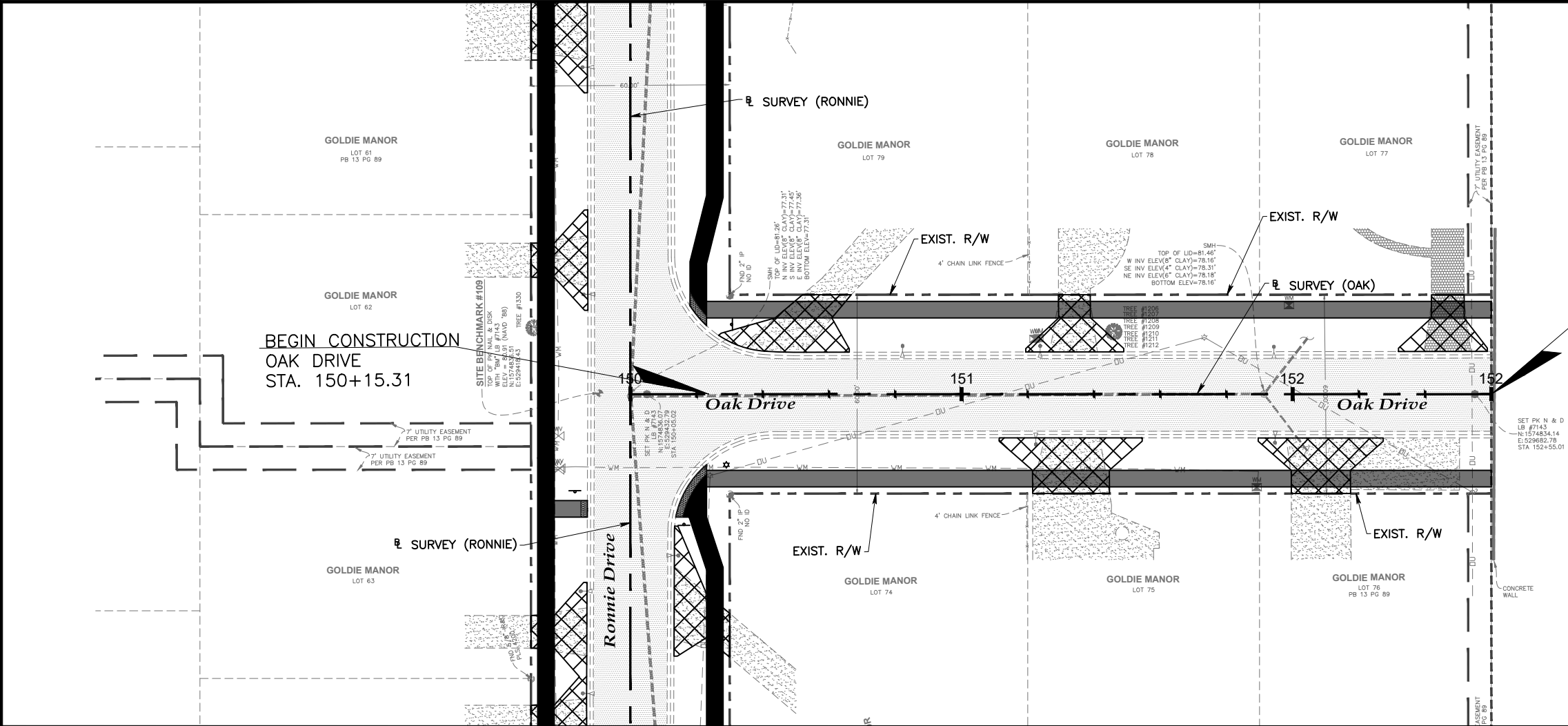
Sheet No.

**90**



END CONSTRUCTION  
OAK DRIVE  
STA. 152+60.00

BEGIN CONSTRUCTION  
OAK DRIVE  
STA. 150+15.31



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
4				4			
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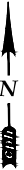
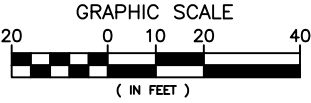
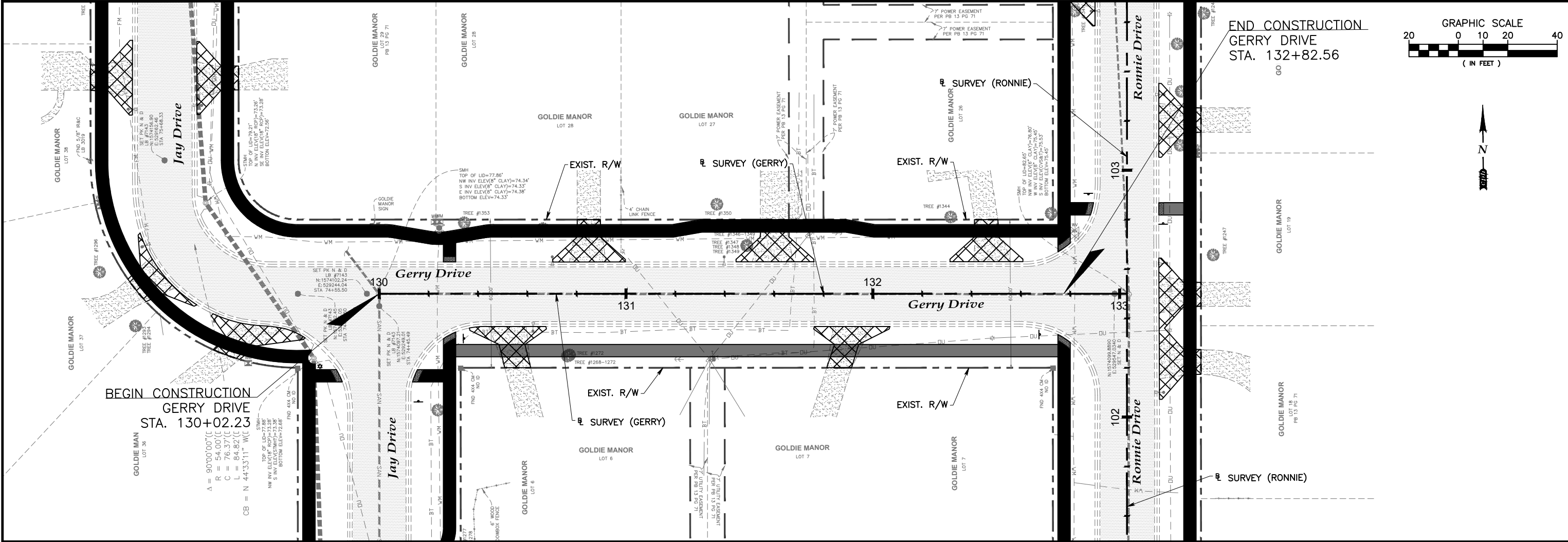
Plans Prepared By:  
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**Oak Drive SWPPP**

Sheet No.  
**91**

Drawing Name: J:\S0998\Roadways\SWPPP\SWPPRD06.dwg, Jul 31, 2020 - 11:15am anajia



No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
3				3			
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**Gerry Drive SWPPP**

Sheet No.  
**92**

SIGNING AND PAVEMENT MARKING PLANS – GENERAL NOTES

1. ALL SIGNS AND PAVEMENT MARKINGS ARE TO BE PLACED IN ACCORDANCE WITH THE FHWA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE FHWA "MANUAL ON STANDARD HIGHWAY SIGNS", AND THE FDOT "STANDARD PLANS", FY 20–21.
2. THE BACK OF ALL FINISHED SIGN PANELS SHALL BE STENCILED WITH THE DATE OF FABRICATION. THE FABRICATOR’S INITIALS, AND THE NAME OF THE SHEETING AT THE LOWER RIGHT– HAND CORNER OF THE SIGN IN THREE INCH LETTERS.
3. THE CONTRACTOR SHALL VERIFY THE LENGTH OF SIGN COLUMN SUPPORTS IN THE FIELD PRIOR TO FABRICATION.
4. ALL SIGNS TO BE REMOVED ARE THE PROPERTY OF SEMINOLE COUNTY AND SHALL BE DISASSEMBLED FROM THE POST AND DELIVERED TO THE COUNTY.
5. ALL SIGNS SHALL BE NEW INSTALLATION.
6. ALL GROUND MOUNTED SIGNS SHALL BE FABRICATED USING HIGH INTENSITY GRADE SHEETINGS.
7. ALL SURFACES SHALL BE CLEANED PRIOR TO START OF INSTALLATION OF ALL PAVEMENT MARKINGS.
8. ALL SIGNS INCLUDING STOP SIGNS ON SIDE STREETS SHALL BE UNOBSTRUCTED.
9. FABRICATION OF ALL SIGNS SHALL BE INCORPORATED WITH TITLE 23, US CODE, SECTION 109B, 109D, AND 402A AND HIGHWAY SAFETY PROGRAM STANDARD 13, TRAFFIC ENGINEERING SERVICES.
10. ALL HARDWARE WILL BE STAINLESS STEEL, 5/16” THREAD.
11. ALL SIGNS TO BE MOUNTED ON U–CHANNEL THREE (3) POUNDS PER SQUARE FOOT, USING TWIST BRACKETS INSIDE MOUNT TO ATTACHED STREET I.D.’S WHICH WILL BE 9” METRO SIDE STREET, 9” MAIN STREET, WITH ANCHOR BRACKET.
12. ALL PAVEMENT MARKINGS ON ROADWAYS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.
13. THE PAVEMENT MARKINGS AT ALL EXISTING/PROPOSED INTERFACE LOCATIONS ARE TO MATCH IN TERMS OF ALIGNMENT.
14. DUE TO DESTRUCTION AND TRACKING BY CONSTRUCTION VEHICLES, ADDITIONAL PAVEMENT MARKINGS AT THE BEGINNING AND END OF PROJECT MAY BE REQUIRED AS DETERMINED BY THE COUNTY.
15. THE CONTRACTOR SHALL REMOVE ANY EXISTING OR TEMPORARY PAVEMENT MARKINGS THAT CONFLICT WITH THE SIGNING & PAVEMENT MARKING PLANS. EXCESSIVE DAMAGE TO EXISTING ASPHALT AS DETERMINED BY THE COUNTY SHALL BE REPAIRED AT THE CONTRACTOR’S EXPENSE.
16. BROOMING MAY BE REQUIRED FOR INSTALLATION OF SIDE STREET STOP BARS.
17. PRIOR TO THERMOPLASTIC PAVEMENT MARKINGS INSTALLATION, A 14–DAY "CURE TIME" ON ASPHALT IS REQUIRED.
18. IT IS THE CONTRACTOR’S RESPONSIBILITY TO REMOVE AND REPLACE ALL EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS. IF SIGNS ARE DAMAGED BY THE CONTRACTOR, THE SIGNS SHALL BE REPLACED AT THE CONTRACTOR’S EXPENSE.
19. THE CONTRACTOR SHALL COORDINATE WITH SEMINOLE COUNTY WITH REGARDS TO THE MANUFACTURING DETAILS OF THE STREET SIGNS.

Drawing name: J:\50986Roadway\Signing\Marking\PLAN\SP00.dwg Jul 31, 2020 - 11:20am amjgja

No.	Date	Revision	By	No.	Date	Revision	By
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Checked by:	KRL		
Approved by:	JML		
Job No.	S0998		©2020

*Goldie Manor Sidewalks*  
*Seminole County*

Plans Prepared By: CPH, Inc.	
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Phone: 407.322.6841	
Licenses:	
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Survey L.B. No. 7143	Landscape Lic. No. LC0000298

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FL P.E. No. 88718

*Signing and Pavement*  
*Marking General*  
*Notes*

Sheet No.  
*S-1*



TABULATION OF QUANTITIES																					
PAY ITEM NUMBER	DESCRIPTION	UNIT	SHEET NUMBERS																		REF. SHEET
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			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN
700-1-11	SINGLE POST SIGN, F&I, GM, <12SF	AS																			
	OM04-02 (18"X18")												4						4		
	W11-02 (30"X30"); W16-07PL (24"X12")								2				2						4		
	W11-02 (30"X30"); W16-09P (24"X12")								2				2						4		
	R01-01 (30"x30"); D01-01d; D01-01d								1								1		2		
700-1-50	SINGLE POST SIGN, RELOCATE	AS	1								1						1		3		
700-1-60	SINGLE POST SIGN, REMOVE	AS							1								1		2		
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	AS									1								1		
705-10-4	OBJECT MARKER, TYPE 4	EA																			
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF							40				36				123		199		
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF							33				33				23		89		

Drawing name: J:\50998\Roadway\Spring\Marking\PLAN\SP00.dwg, Jul 31, 2020 - 11:20am amejla

No.	Date	Revision	By	No.	Date	Revision	By
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Approved by: JML  
Job No. S0998

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**Goldie Manor Sidewalks**  
**Seminole County**

Plans Prepared By:  
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Phone: 407.322.6841  
Licenses:  
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Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Tabulation of**  
**Quantities**

Sheet No.  
**S-2**

Drawing name: J:\50998\Roadway\Spring\Marking\PLAN\SP00.dwg Jul 31, 2020 - 11:20am amjella

TABULATION OF QUANTITIES																							
PAY ITEM NUMBER	DESCRIPTION	UNIT	SHEET NUMBERS																		BASE BID		REF. SHEET
			S-12		S-13		S-14		S-15		S-16		S-17		S-18		S-19		SHEET TOTAL				
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	
700-1-11	SINGLE POST SIGN, F&I, GM, <12SF	AS																					
	OM04-02 (18"X18")																			4			
	W11-02 (30"X30"); W16-07PL (24"X12")		2						2		2								6		10		
	W11-02 (30"X30"); W16-09P (24"X12")		1		1				2		1								5		9		
	R01-01 (30"x30"); D01-01d; D01-01d				1														1		3		
700-1-50	SINGLE POST SIGN, RELOCATE	AS									1		2		1		2		6		9		
700-1-60	SINGLE POST SIGN, REMOVE	AS							0										0				
700-1-60	SINGLE POST SIGN, REMOVE	AS			1														1		3		
700-3-501	SIGN PANEL, RELOCATE, UP TO 12 SF	AS					1												1		2		
705-10-4	OBJECT MARKER, TYPE 4	EA													4				4		4		
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF	48		44				47		47		70		89		121		466		665		
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF	33		19				33		33		12		14		12		156		245		

No.	Date	Revision	By	No.	Date	Revision	By
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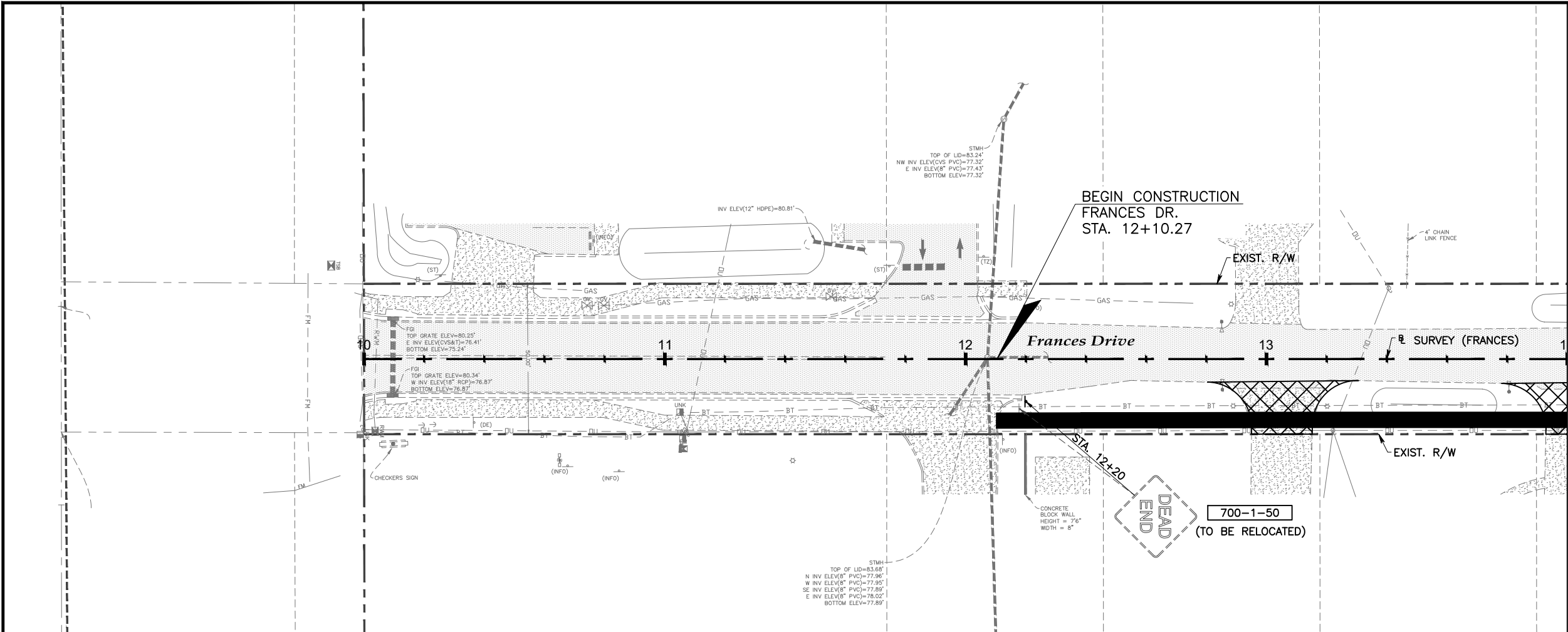
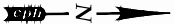
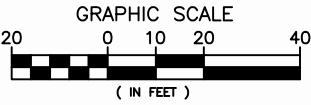
**Goldie Manor Sidewalks**  
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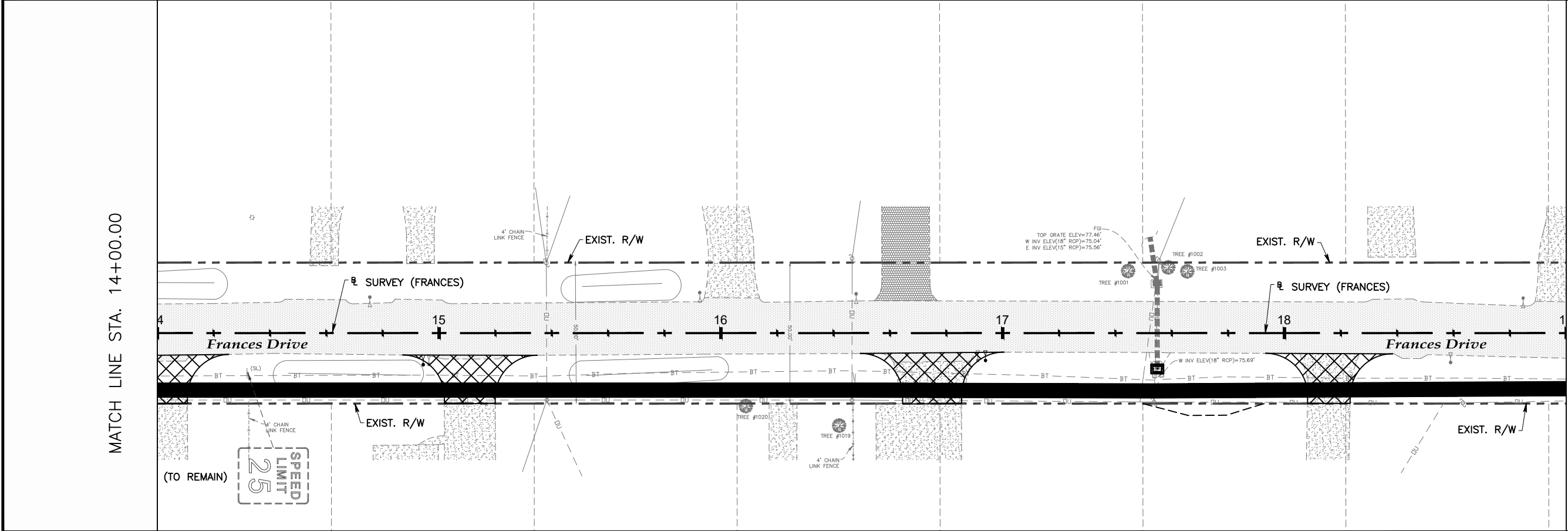
JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Tabulation of  
Quantities**

Sheet No.  
**S-3**



MATCH LINE STA. 14+00.00



MATCH LINE STA. 19+00.00

No.	Date	Revision	By	No.	Date	Revision	By
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2				3			
3				4			
4				5			



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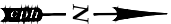
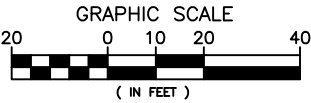
**Goldie Manor Sidewalks**  
**Seminole County**

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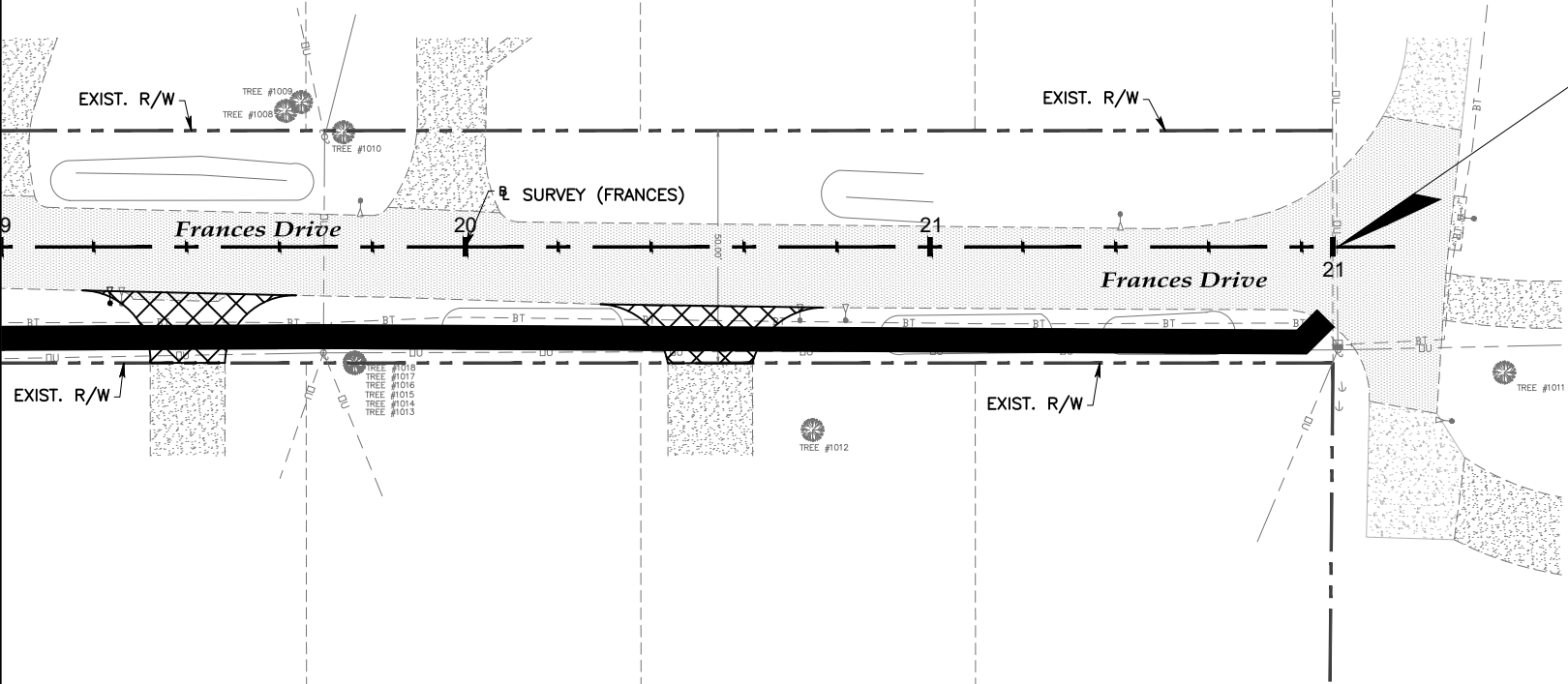
JOSEPH MICHAEL LOFASO, P.E.  
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**Signing and Pavement**  
**Marking Plans**  
**Frances Drive**

Sheet No.  
**S-4**



MATCH LINE STA. 19+00.00



No.	Date	Revision	By	No.	Date	Revision	By
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Checked by:	KRL		
Approved by:	JML		
Job No.	S0998		©2020

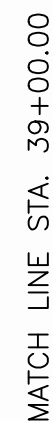
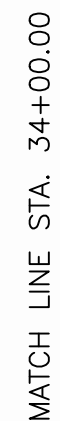
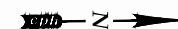
**Goldie Manor Sidewalks**  
**Seminole County**

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Phone: 407.322.6841  
Licenses:  
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Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

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FL P.E. No. 88718

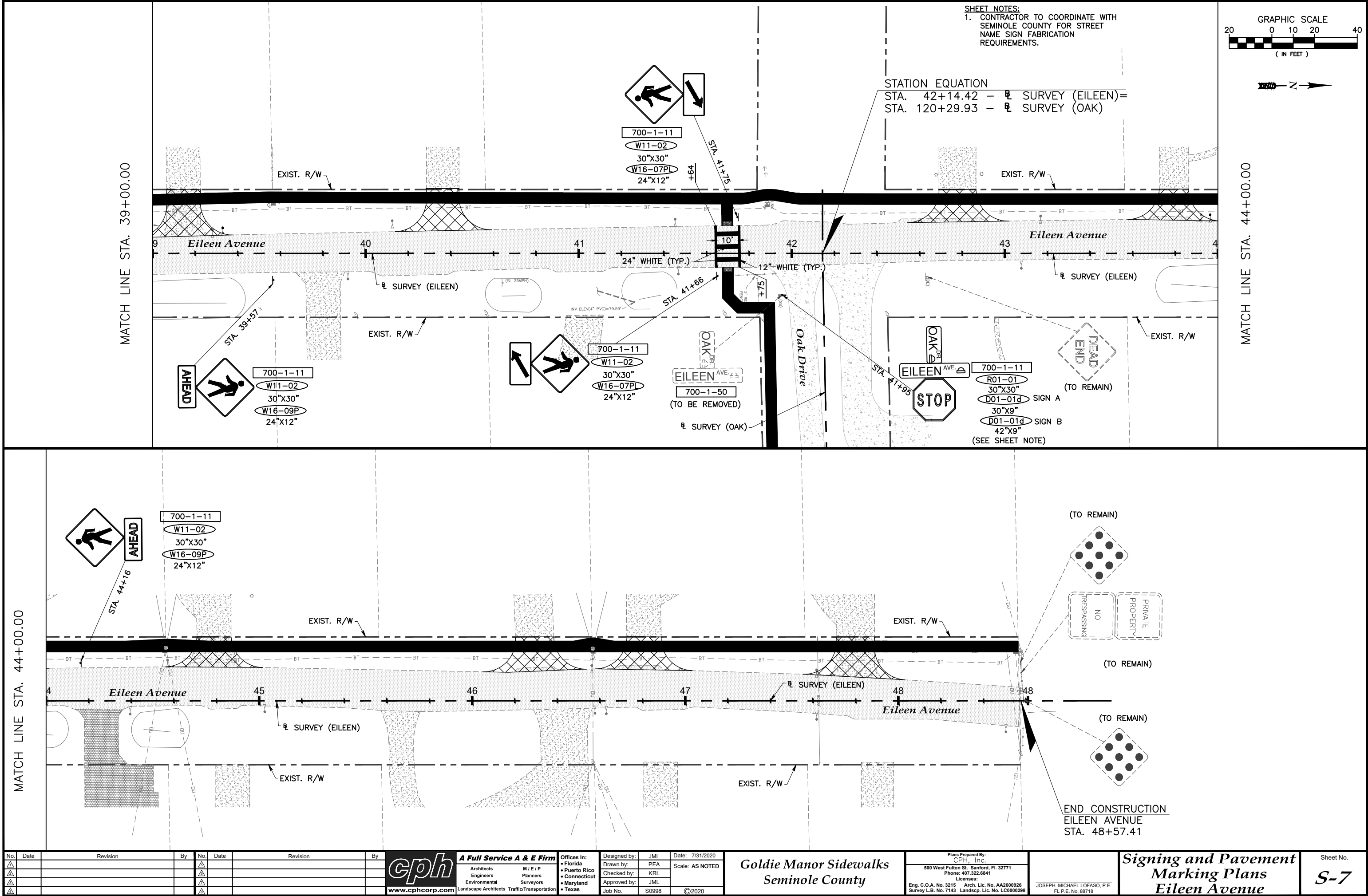
**Signing and Pavement**  
**Marking Plans**  
**Frances Drive**

Sheet No.  
**S-5**



Sheet No.

***S-6***



No.	Date	Revision	By	No.	Date	Revision	By
1				2			
2				3			
3				4			
4				5			

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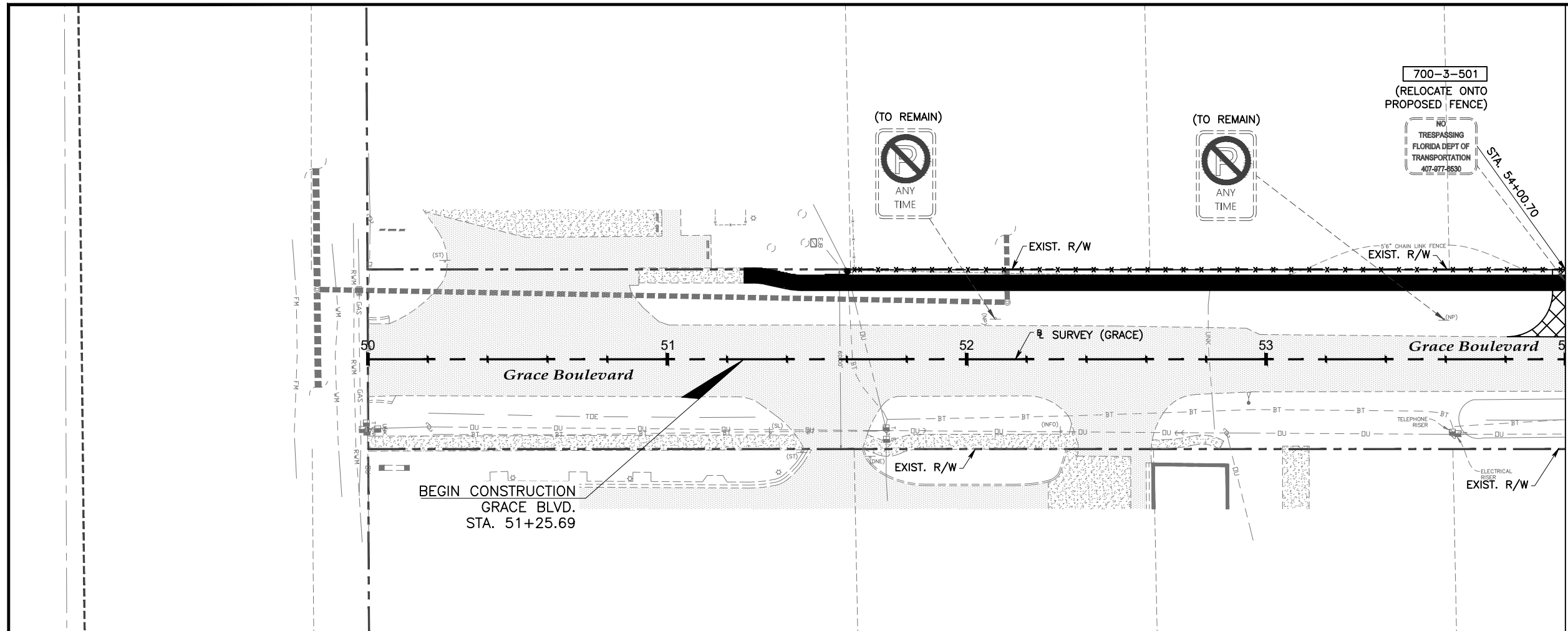
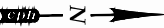
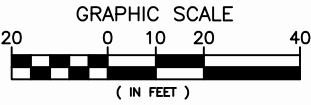
**Goldie Manor Sidewalks**  
Seminole County

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Licenses:  
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Survey L.B. No. 7143 Landsc. Lic. No. LC0000298

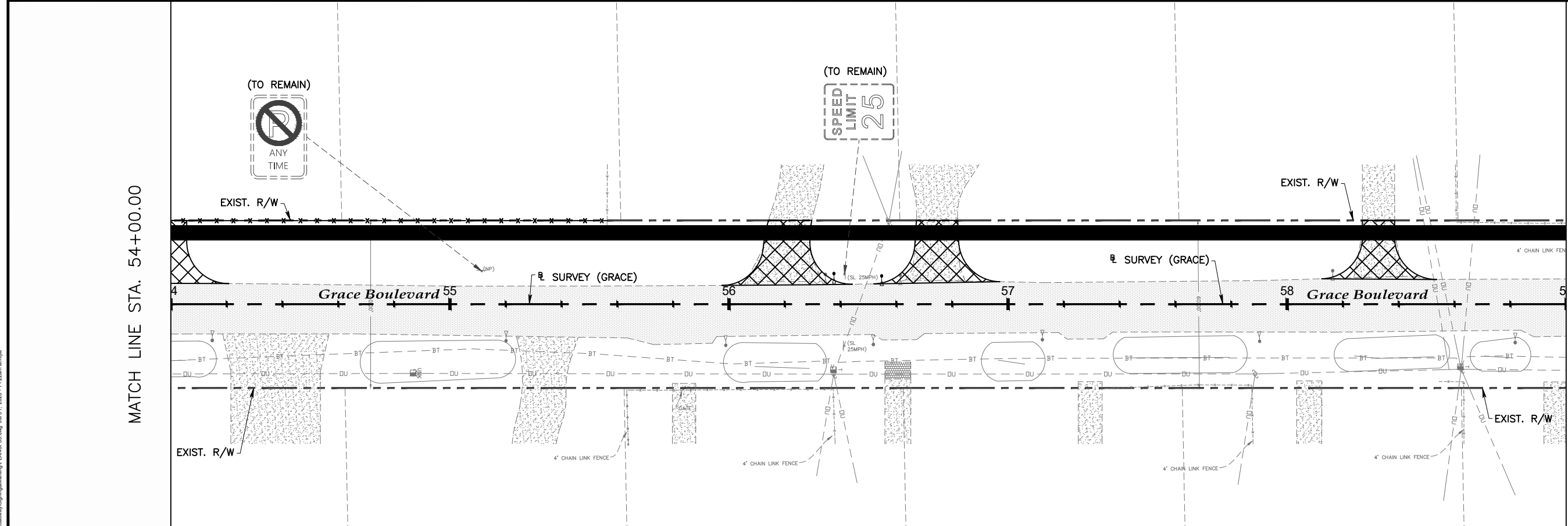
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FL P.E. No. 88718

**Signing and Pavement**  
Marking Plans  
Eileen Avenue

Sheet No.  
**S-7**



MATCH LINE STA. 54+00.00



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No.	Date	Revision	By	No.	Date	Revision	By
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2				2			
3				3			
4				4			



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Job No. S0998  
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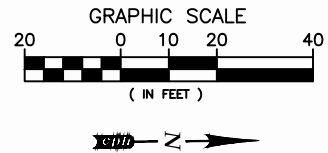
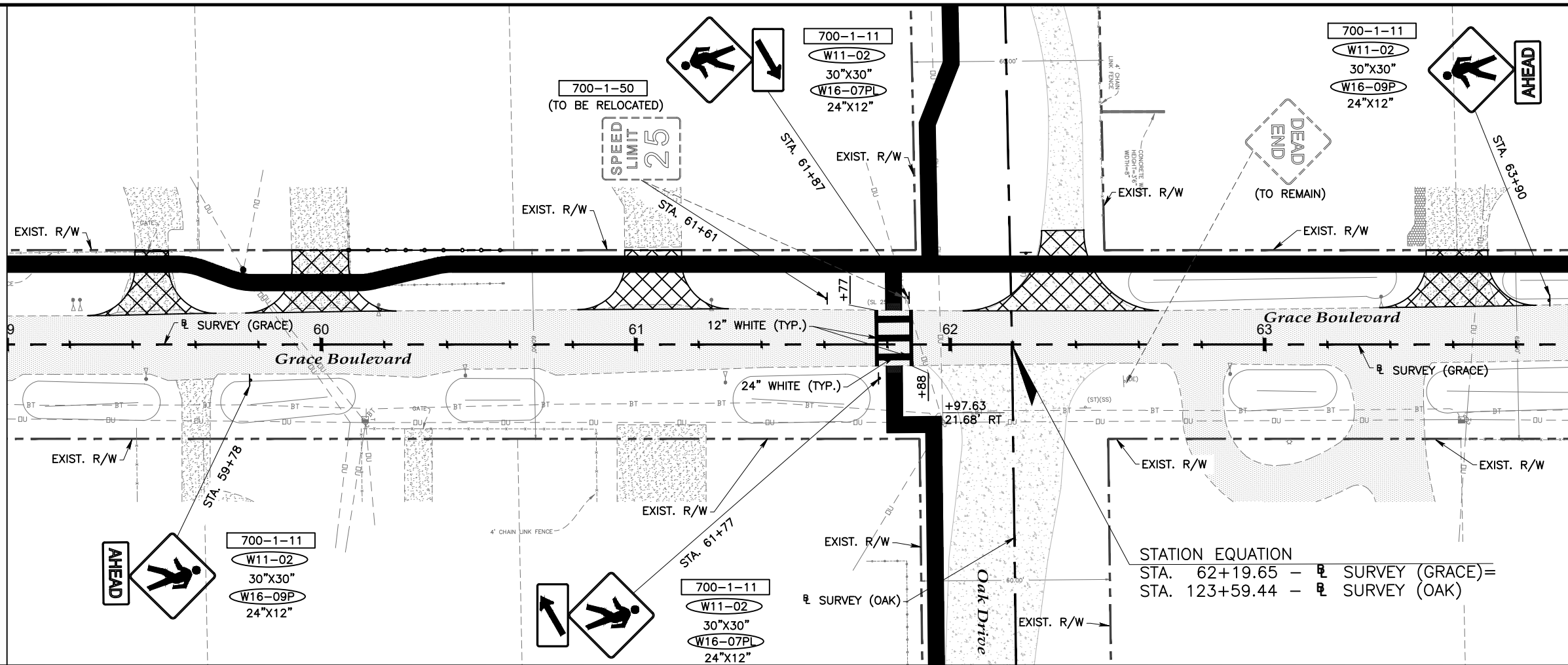
Plans Prepared By:  
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JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Signing and Pavement**  
**Marking Plans**  
**Grace Boulevard**

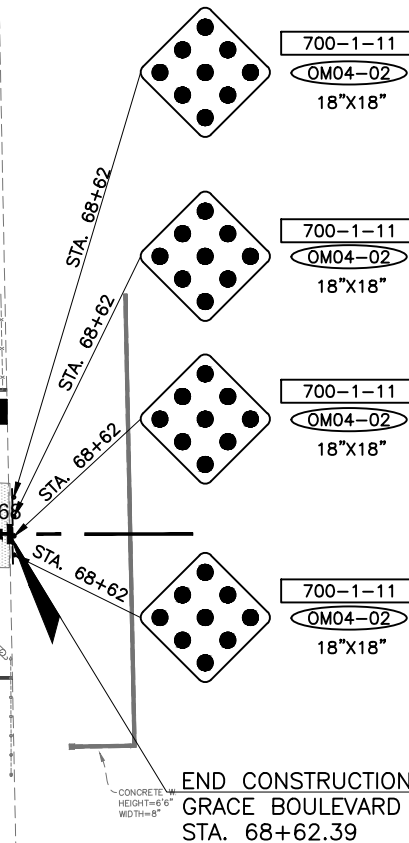
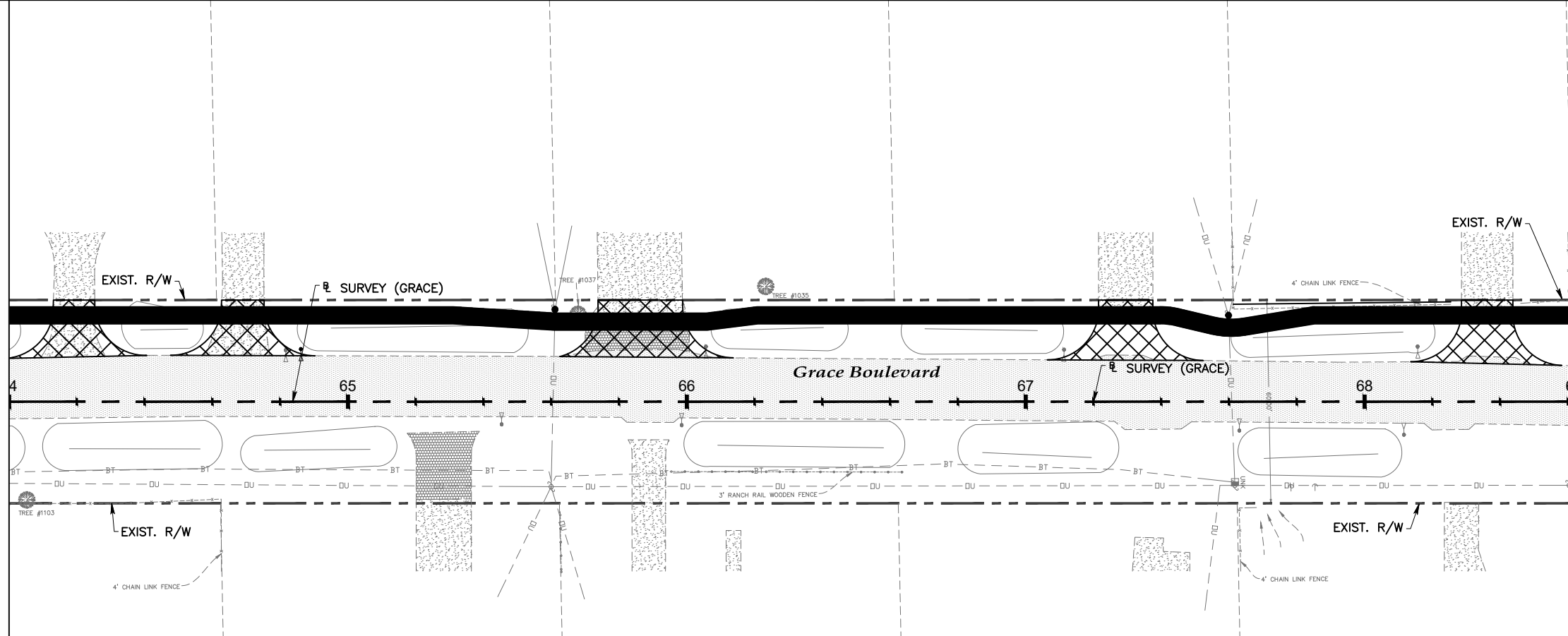
Sheet No.  
**S-8**

MATCH LINE STA. 59+00.00



MATCH LINE STA. 64+00.00

MATCH LINE STA. 64+00.00



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5				6			
7				8			

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Job No. S0998  
Date: 7/31/2020  
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Goldie Manor Sidewalks  
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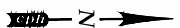
Plans Prepared By:  
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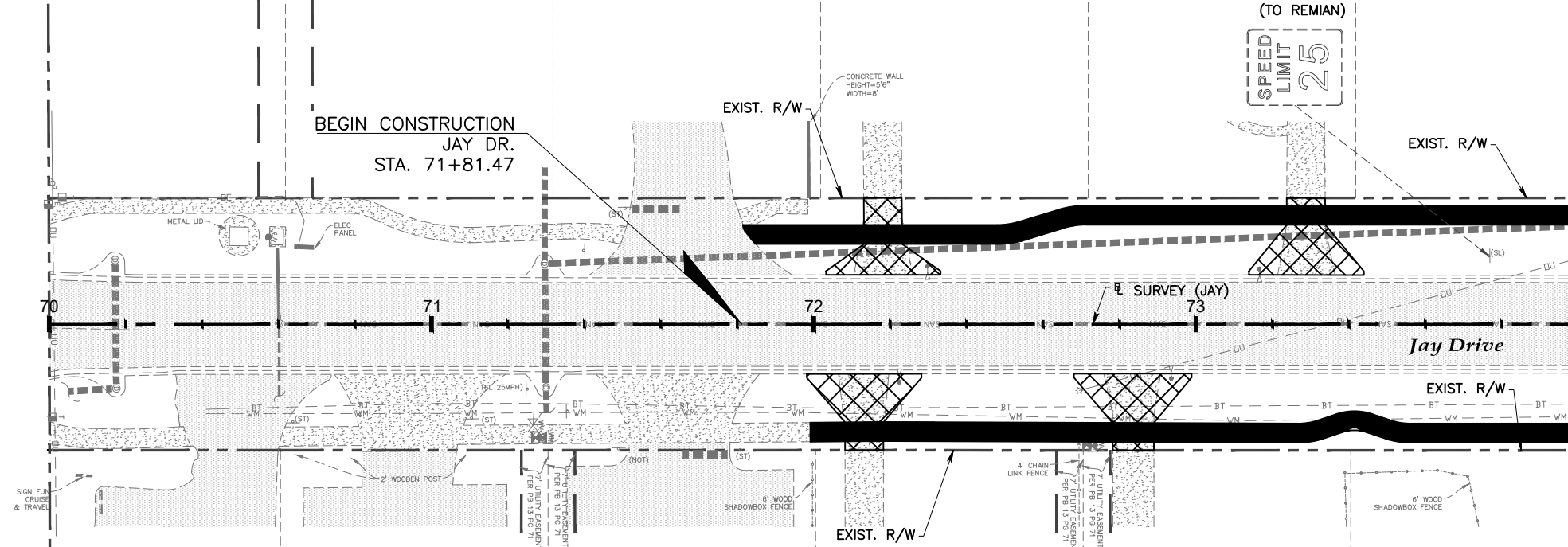
Signing and Pavement  
Marking Plans  
Grace Boulevard

Sheet No.  
**S-9**





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Checked by:	KRL	
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FL P.E. No. 88718

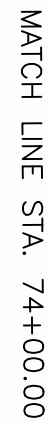
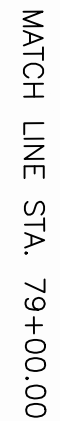
## Signing and Pavement Marking Plans Jay Drive

Sheet No.

*S-10*

GRAPHIC SCALE

( IN FEET )



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Drawn by:	PEA	Scale:	AS NOTED
Checked by:	KRL		
Approved by:	JML		
Job No.	S0998	©2020	

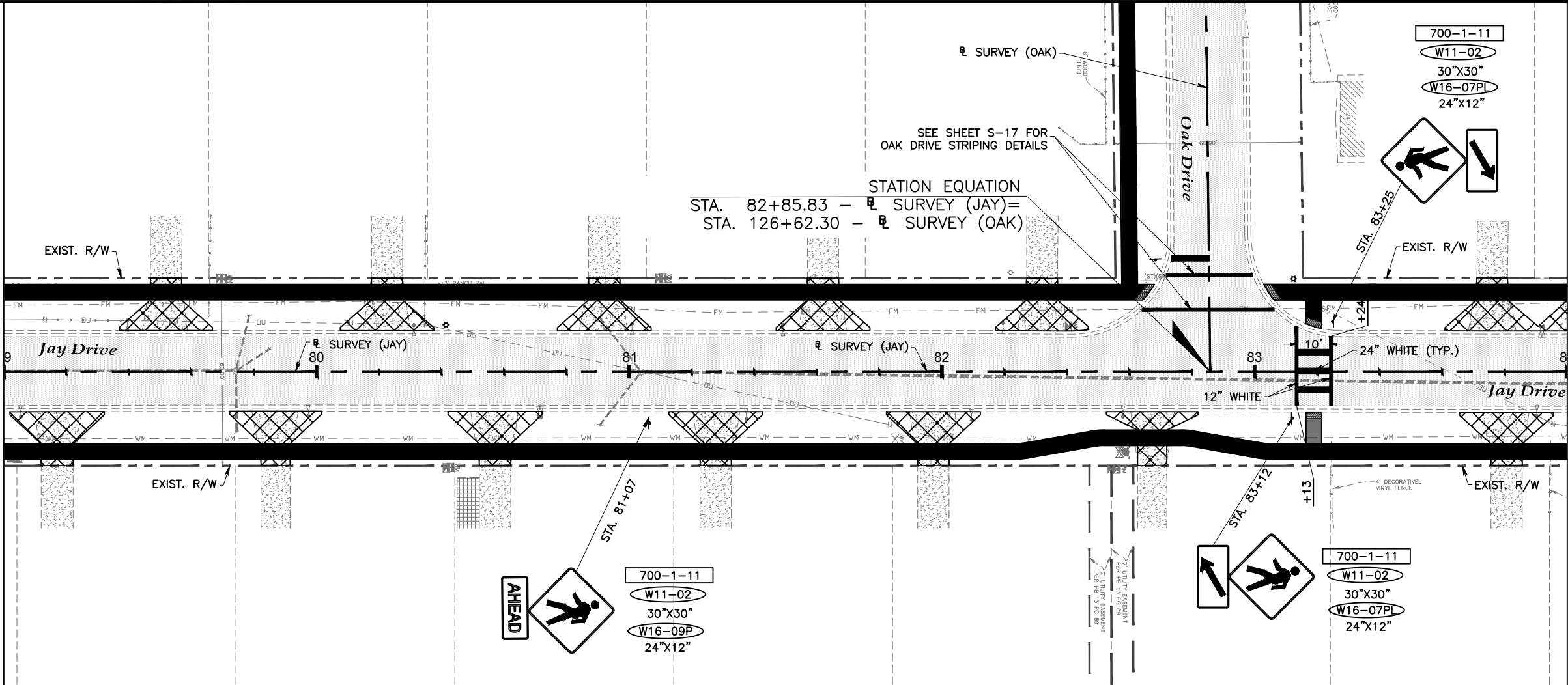
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CPH, Inc.  
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Phone: 407.322.6841  
Licenses:  
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926  
Survey L.B. No. 7143 Landscp. Lic. No. LC000025

## Signing and Pavement Marking Plans Jay Drive

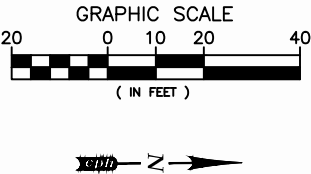
Sheet No.

***S-11***

MATCH LINE STA. 79+00.00



MATCH LINE STA. 84+00.00



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4				4			
5				5			



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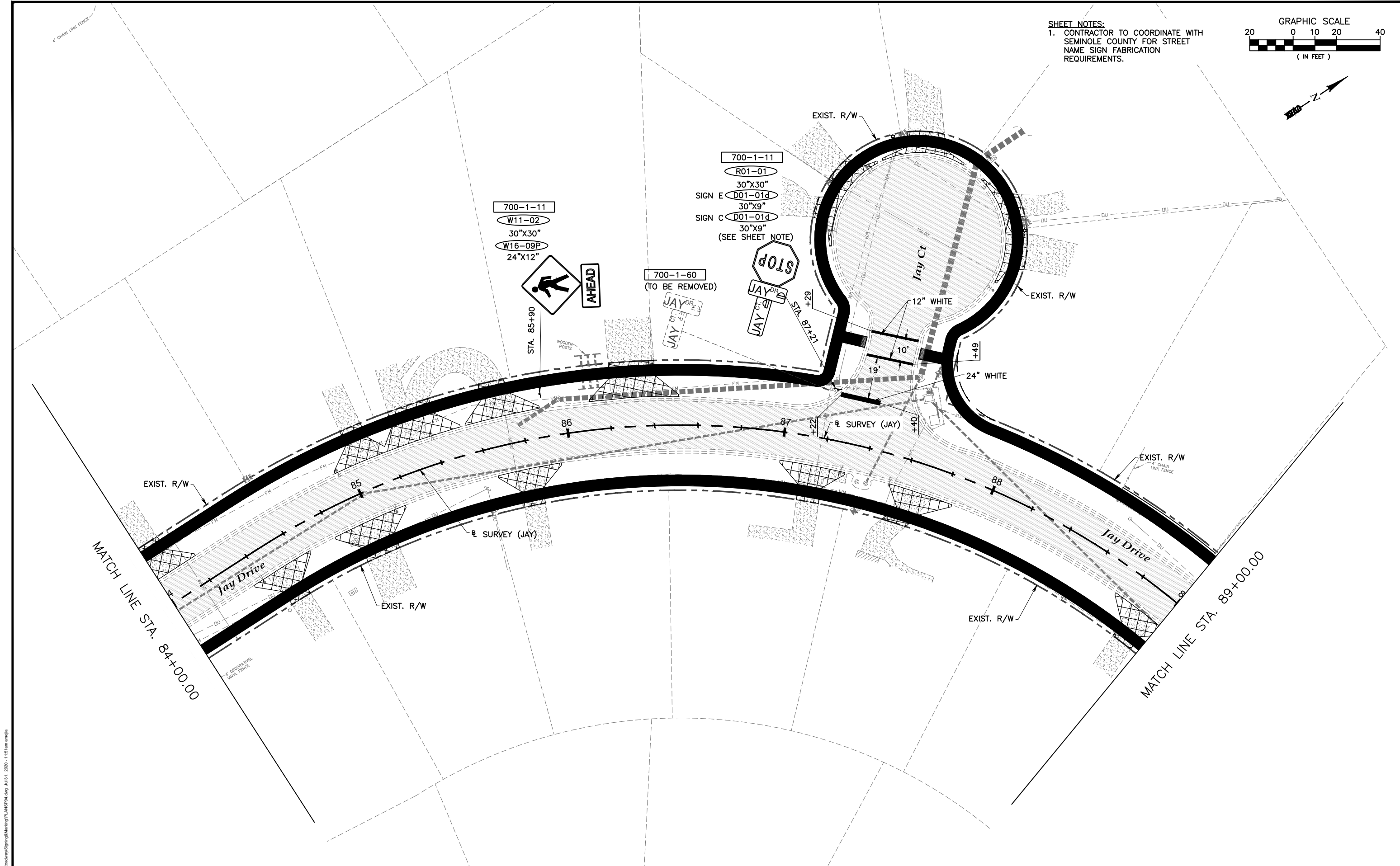
**Goldie Manor Sidewalks**  
**Seminole County**

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Phone: 407.322.6841  
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Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

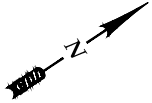
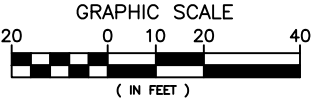
JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Signing and Pavement**  
**Marking Plans**  
**Jay Drive**

Sheet No.  
**S-12**



**SHEET NOTES:**  
1. CONTRACTOR TO COORDINATE WITH SEMINOLE COUNTY FOR STREET NAME SIGN FABRICATION REQUIREMENTS.



Drawing name: J:\S0998\Roadway\Signing\Marking\PLAN\SP04.dwg Jul 31, 2020 - 11:51am amejla

No.	Date	Revision	By	No.	Date	Revision	By
1				2			
2				3			
3				4			
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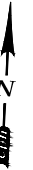
**Goldie Manor Sidewalks**  
**Seminole County**

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**Signing and Pavement**  
**Marking Plans**  
**Jay Drive**

Sheet No.  
**S-13**



(TO REMAIN)

ROAD  
ENDS

(TO REMAIN)

EXIST. R/W

*Jay Drive*

## Jay Drive

4 SURVEY (RONNIE)

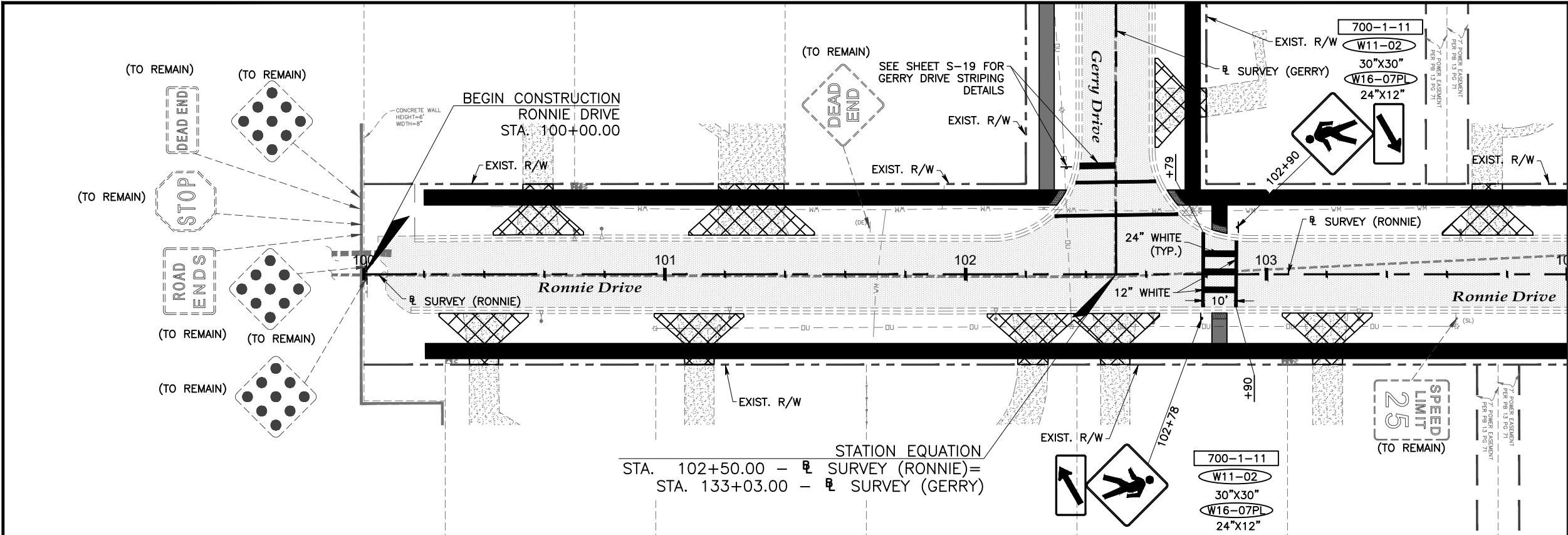
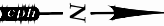
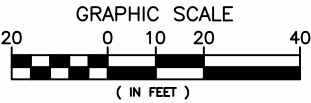
*Ronnie Drive*

A white rectangular sign with a black border. It features the text "WARNING" in large, bold, black capital letters at the top. Below it, "NEIGHBORHOOD" and "WATCH" are written in smaller, bold, black capital letters. At the bottom, there are two black owl icons facing each other, with the words "AREA" and "WATCH" written in smaller, bold, black capital letters between them.

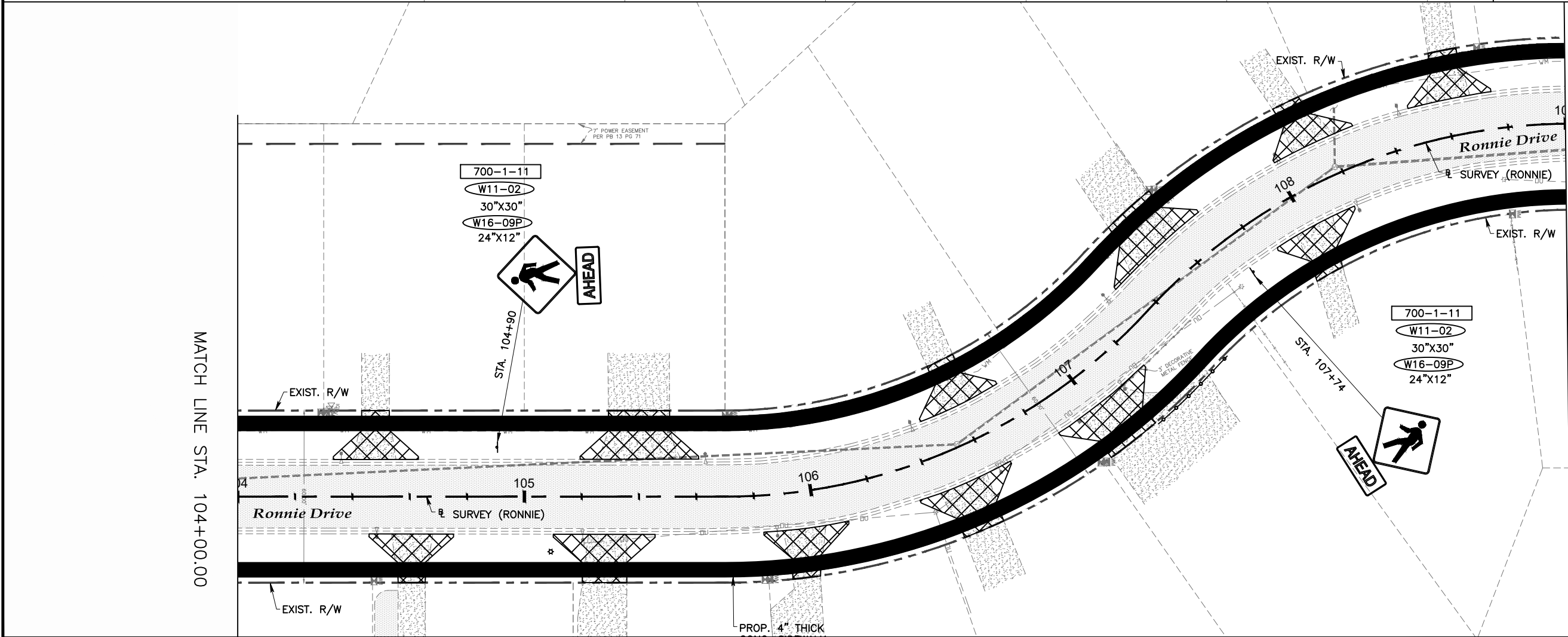
700-3-501  
(TO BE RELOCATED  
W/LIGHT POLE)

Sheet No.

***S-14***



MATCH LINE STA. 104+00.00



MATCH LINE STA. 109+00.00

No.	Date	Revision	By	No.	Date	Revision	By
1				2			
2				3			
3				4			
4				5			

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Drawn by:	PEA	Scale:	AS NOTED
Checked by:	KRL		
Approved by:	JML		
Job No.	S0998	©	2020

**Goldie Manor Sidewalks**  
**Seminole County**

Plans Prepared By:	CPH, Inc.
500 West Fulton St. Sanford, FL 32771	Phone: 407.322.6841
Licenses:	
Eng. C.O.A. No. 3215	Arch. Lic. No. AA2600926
Survey L.B. No. 7143	Landscape Lic. No. LC0000298

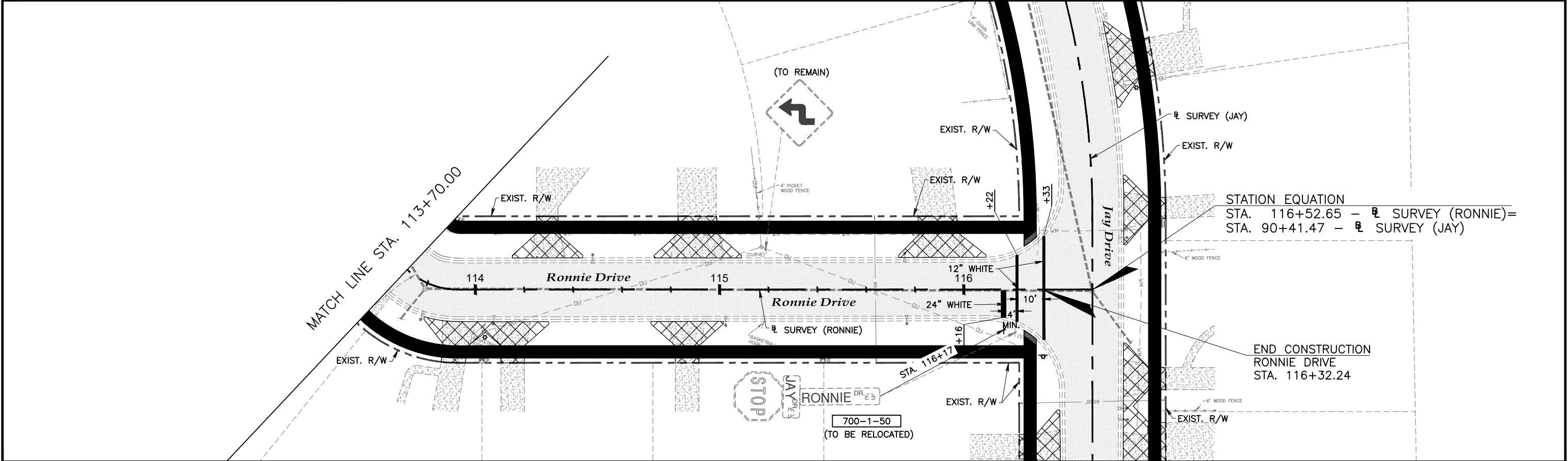
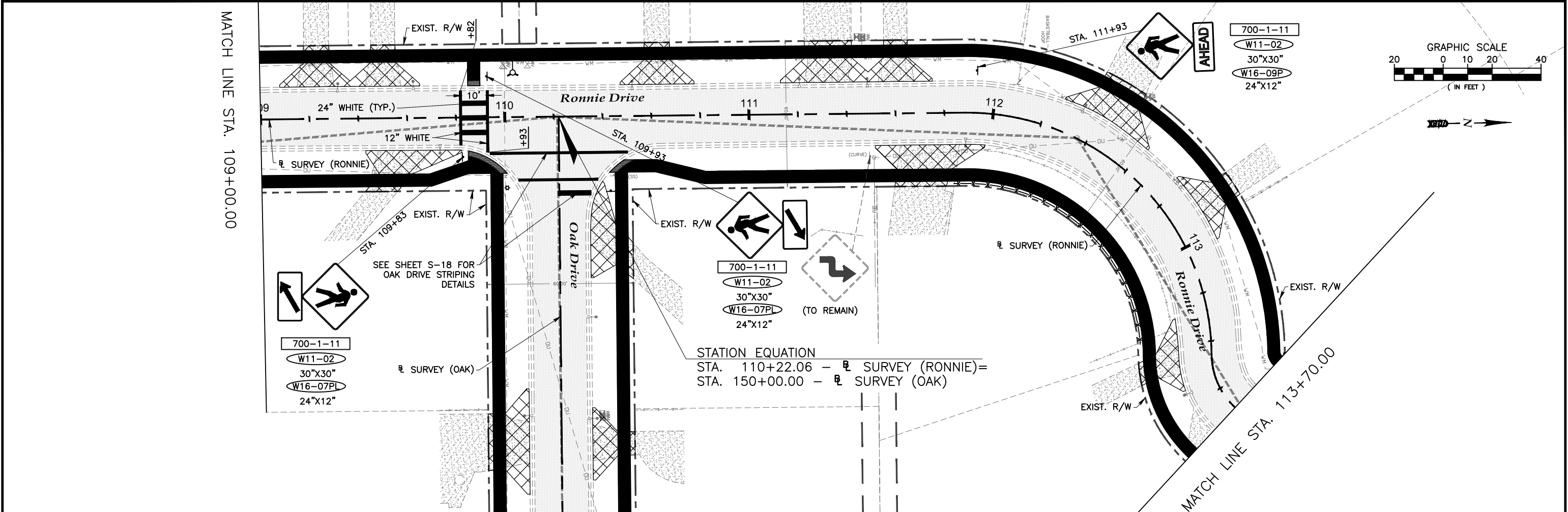
JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Signing and Pavement**  
**Marking Plans**  
**Ronnie Drive**

Sheet No.  
**S-15**

Drawing Name: J:\S0998\Roadway\Signing\Marking\PLAN\SP05.dwg Jul 31, 2020 - 11:23am amjella

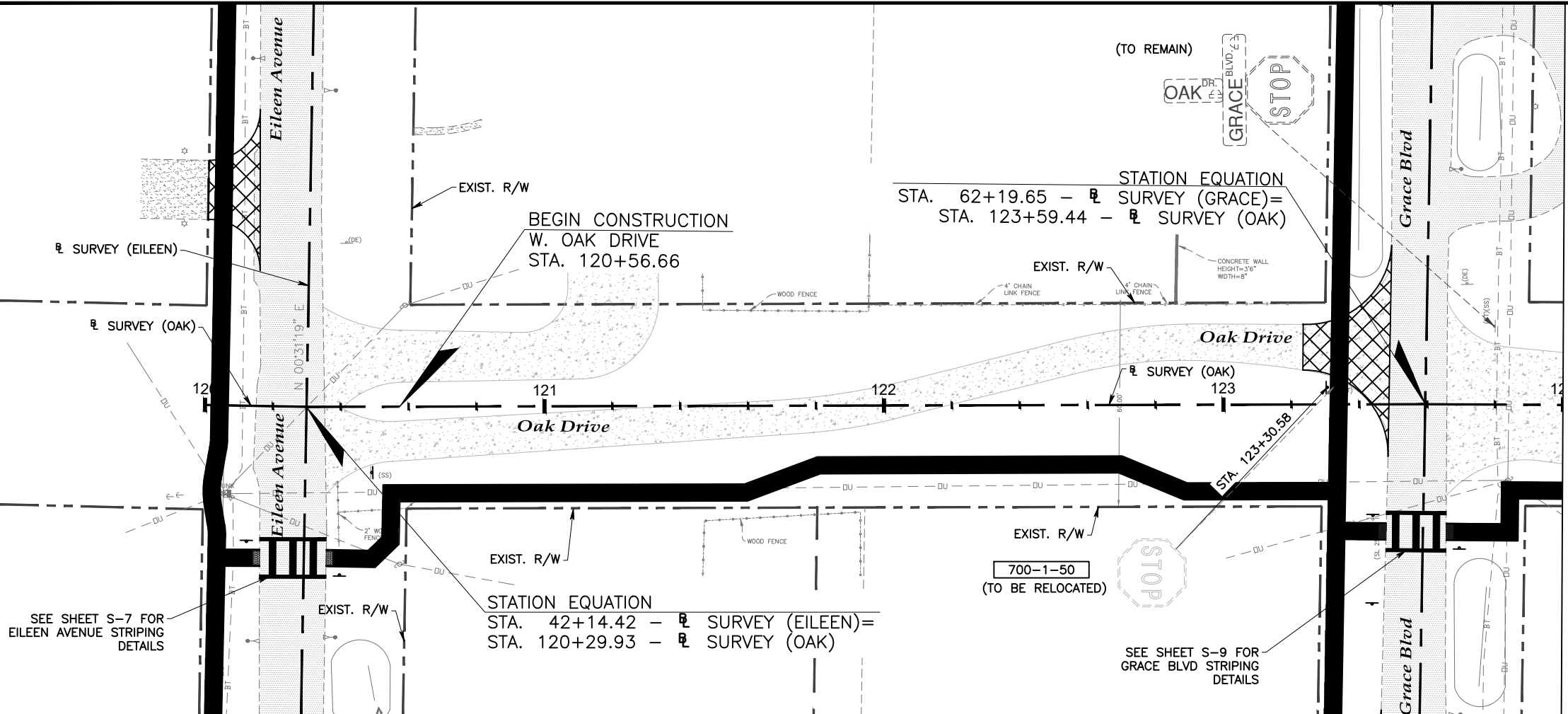
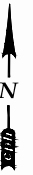
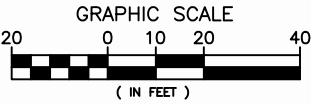




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<b>cph</b>	<b>A Full Service A &amp; E Firm</b>	Offices In: <ul style="list-style-type: none"><li>Florida</li><li>Puerto Rico</li><li>Connecticut</li><li>Maryland</li><li>Texas</li></ul>	Designed by: JML Drawn by: PEA Checked by: KRL Approved by: JML Job No. S0998	Date: 7/31/2020 Scale: AS NOTED	<b>Goldie Manor Sidewalks</b> <b>Seminole County</b>	Plans Prepared By: CPH, Inc. 500 West Fulton St. Sanford, FL 32771 Phone: 407.322.6841 Licenses: Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926 Survey L.B. No. 7143 Landsc. Lic. No. LC0000298	JOSEPH MICHAEL LOFASO, P.E. FL P.E. No. 88718	<b>Signing and Pavement</b> <b>Marking Plans</b> <b>Ronnie Drive</b>	Sheet No. <b>S-16</b>
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Drawing Name: J:\S0998\Roadway\Signing\Marking\PLAN\SP05.dwg Jul 31, 2020 - 11:55am amejla



MATCH LINE STA. 124+00.00

SEE SHEET S-7 FOR  
EILEEN AVENUE STRIPING  
DETAILS

SEE SHEET S-9 FOR  
GRACE BLVD STRIPING  
DETAILS

MATCH LINE STA. 124+00.00

SEE SHEET S-12 FOR  
JAY DRIVE STRIPING  
DETAILS

No.	Date	Revision	By	No.	Date	Revision	By
1				2			
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7				8			



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Designed by: JML Date: 7/31/2020  
Drawn by: PEA Scale: AS NOTED  
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**Goldie Manor Sidewalks  
Seminole County**

Plans Prepared By:  
CPH, Inc.  
500 West Fulton St. Sanford, FL 32771  
Phone: 407.322.6841  
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Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

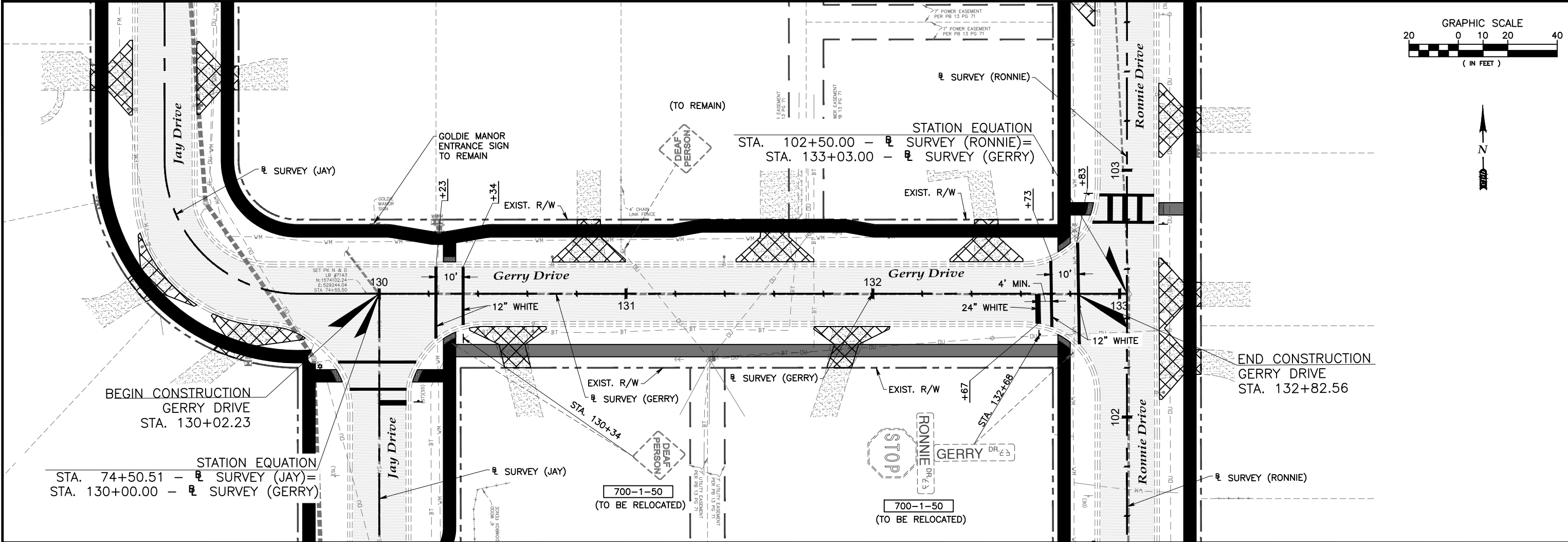
**Signing and Pavement  
Marking Plans  
Oak Drive**

Sheet No.  
**S-17**

Drawing name: J:\S0998\Roadway\Signing\Marking\PLAN\SP06.dwg Jul 31, 2020 - 11:24am amejla







No.	Date	Revision	By	No.	Date	Revision	By
1				1			
2				2			
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Checked by: KRL  
Approved by: JML  
Job No. S0998  
Date: 7/31/2020  
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**Goldie Manor Sidewalks**  
**Seminole County**

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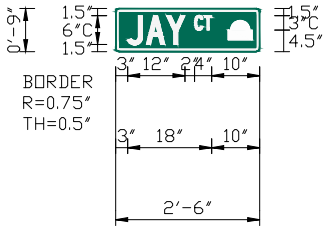
JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Signing and Pavement**  
**Marking Plans**  
**Gerry Drive**

Sheet No.  
**S-19**



SIGN NAME	E		QTY	1	SIGN NUMBER	STATION(S)
PANEL		BORDER				
WIDTH	2'-6"	WIDTH	0.5"			
HEIGHT	0'-9"	RADII	0.75"			
LEGEND	White	COLOR	White			
COLOR	Green					
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH	



NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY	J	A	Y	C	T	L													
SPACE	2.5	6.4	10.6	16.4	18.5	17.5													
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			
COPY																			
SPACE																			

SIGN NAME			QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER				
WIDTH		WIDTH				
HEIGHT		RADII				
LEGEND		COLOR				
COLOR						
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH	

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY																			
SPACE																			
COPY																			
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SPACE																			

SIGN NAME			QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER				
WIDTH		WIDTH				
HEIGHT		RADII				
LEGEND		COLOR				
COLOR						
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH	

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
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COPY																			
SPACE																			
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SIGN NAME			QTY		SIGN NUMBER	STATION(S)
PANEL		BORDER				
WIDTH		WIDTH				
HEIGHT		RADII				
LEGEND		COLOR				
COLOR						
SYMBOL(S)	ANGLE	X	Y	WID	HT	
SIGN NUMBER	NUMBER OF POSTS	CLEARANCE Edge Of Lane	COLUMN SIZE		AVERAGE LENGTH	

NO. OF LIGHT FIXTURES	FIXTURE SPACING	PHOTOMETRIC CURVE	WATT	VOLTAGE
-----------------------	-----------------	-------------------	------	---------

COPY																			
SPACE																			
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4				4			

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Drawn by: PEA  
Checked by: KRL  
Approved by: JML  
Job No. S0998

Date: 7/31/2020  
Scale: AS NOTED  
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**Goldie Manor Sidewalks**  
**Seminole County**

Plans Prepared By:  
CPH, Inc.  
500 West Fulton St. Sanford, FL 32771  
Phone: 407.322.6841  
Licenses:  
Eng. C.O.A. No. 3215 Arch. Lic. No. AA2600926  
Survey L.B. No. 7143 Landscp. Lic. No. LC0000298

JOSEPH MICHAEL LOFASO, P.E.  
FL P.E. No. 88718

**Guidesign Worksheet**

Sheet No.  
**S-21**

TRAFFIC CONTROL GENERAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING A TRAFFIC CONTROL PLAN WHICH CONFORMS TO ALL THE REQUIREMENTS IDENTIFIED IN THE FDOT STANDARD INDEXES, 102–600 SERIES (LATEST EDITION) AND THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 102–600, LATEST EDITION AND SUBMIT TO FOR APPROVAL.
2. MAINTAIN TRAFFIC IN ACCORDANCE WITH THE FOLLOWING STANDARDS:

USE STANDARD PLAN 102–600 FOR GENERAL INFORMATION AND DEVICES

USE STANDARD PLAN 102–601 FOR WORK BEYOND THE SHOULDER

USE STANDARD PLAN 102–602 FOR WORK ON THE SHOULDER

USE STANDARD PLAN 102–603 FOR LANE CLOSURE USING FLAGGERS

USE STANDARD PLAN 102–660 FOR WORK ON THE SIDEWALK
3. THE CONTRACTOR SHALL NOTIFY SEMINOLE COUNTY A MINIMUM OF ONE (1) WEEK PRIOR TO COMMENCING ANY CONSTRUCTION RELATED ACTIVITY.
4. TRAFFIC CONDITIONS (ACCIDENTS AND OTHER UNFORESEEN CONDITIONS) MAY REQUIRE THE PROJECT ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZATIONS OR REVISE THE IMPLEMENTED MAINTENANCE OF TRAFFIC PLAN. THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE PROJECT ENGINEER WITHOUT DELAY UNDER THESE CONDITIONS. THE CONTRACTOR SHALL ALSO RESPOND WITHIN 30 MINUTES UPON NOTIFICATION BY THE PROJECT ENGINEER TO ANY REQUESTS FOR CORRECTION, IMPROVEMENT OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/OR DEVICES.
5. EXISTING DRAINAGE SYSTEMS/CONVEYANCE SHALL BE MAINTAINED AT ALL TIMES. IF CONSTRUCTION ACTIVITIES WILL IMPACT THE DRAINAGE, TEMPORARY SWALES, CULVERTS, PIPES, ETC. ARE TO BE CONSTRUCTED WITHIN THE RIGHT–OF–WAY AS REQUIRED.
6. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION, THAT ARE ALTERED OR DAMAGED AS DETERMINED BY SEMINOLE COUNTY, SHALL BE REPLACED UPON COMPLETION OF THE PROJECT AT THE CONTRACTOR’S EXPENSE.
7. THE TRAFFIC AND TRAVEL WAYS SHALL NOT BE ALTERED BY THE CONTRACTOR TO CREATE A WORK ZONE UNTIL ALL LABOR AND MATERIAL ARE AVAILABLE FOR THE CONSTRUCTION IN THAT AREA.
8. AS DETERMINED BY THE CONTRACTOR’S TRAFFIC CONTROL OFFICER, THE CONTRACTOR SHALL COVER WORK ZONE SIGNS WHEN CONDITIONS NO LONGER WARRANT THEIR USE.
9. CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY EXISTING OR PROPOSED SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLANS. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL RESTORE THE SIGNS TO THEIR ORIGINAL POSITION. ANY SUCH SIGNS WHICH ARE DAMAGED DURING REMOVAL, RELOCATION, OR COVERING SHALL BE REPLACED AT THE CONTRACTOR’S EXPENSE.
10. EACH EXISTING STREET NAME AND STOP SIGN AFFECTED BY CONSTRUCTION SHALL BE RELOCATED AND MAINTAINED IN AN APPROPRIATE LOCATION FOR THE DURATION OF THE PROJECT. WHEN NO LONGER AFFECTED BY CONSTRUCTION, THESE SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF STORM WATER FROM ROADWAYS UTILIZED FOR MAINTAINING OF TRAFFIC IN A MANNER APPROVED BY THE COUNTY.
12. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

Drawing Name: J:\S0998Roadway\TCP\PR001.dwg, Jul 31, 2020 - 11:25am amajla

No.	Date	Revision	By	No.	Date	Revision	By
△				△			
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Drawn by:	PEA	Scale:	AS NOTED
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FL P.E. No. 88718

Traffic Control  
General Notes

Sheet No.  
TCP-1