

**COLUMBIA COUNTY, FL
PROJECT NO. 2011-05
STATE ROAD 247-SW BASCOM NORRIS DRIVE**

**Purchasing Department
General Instructions to Bidders**

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether the bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgment, experience and efficiency of bidder.
 - D. The performance of previous contracts with Columbia County.
 - E. The suitability of equipment or material for county use.
 - F. The ability of bidder to provide future maintenance
2. Payment Terms are net thirty (30), unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. Unit price will prevail in case of errors.
4. All requested information should be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear you should contact the Purchasing Department immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all price F.O.B. our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as sealed bids. The name and item being bid shall be shown on the outside in full.
9. No responsibility shall attach to any County representative or employee for the premature opening of bids not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or excepted if determined to be in the county's best interest.
11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Telephone and facsimile bids will not be acceptable in formal bid openings (sealed bids). Should a bid be misplaced by the county and found later, it will be considered. Any bidder may request

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and shall receive a receipt showing the day and time any bid is delivered to the appropriate office of the County from the personnel thereof.

13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects where costs exceed \$40,000.00.
14. All bidders must be recognized dealers in the materials or equipment specified and is qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and the County Manager that he has the requisite organization, capital, plant, stock, ability, and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or admissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is, a variation that affects prices, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the county free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample.
17. The county will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. THE ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacturer's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. The successful bidder on motor vehicle equipment shall be required to furnish with delivery of vehicle, certificate of origin and any other appropriate documentation as required by the Florida Motor Vehicle Department.
22. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
23. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and/or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being

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instructed by the Purchasing Department or designee, shall remove or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the contractor release him from his obligation to perform and deliver to the County sound and satisfactory materials, equipment or supplies. The Contractor agrees to pay all costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.

24. Unless otherwise specified by the Purchasing Department all materials, supplies or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
25. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the county or who had failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
26. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
27. Submitting a proposal when the bidder intends to sublet the contract may cause for rejection of bids or cancellation of the contract by the County Manager.
28. Unless otherwise specified the county reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
29. The County reserves the right to reject any and all/or all quotations, to waive any minor discrepancies in the bids for all bidders equally, quotations, or specifications, when deemed to be in the best interest of the County and also purchase any part, all or none of the materials, supplies, or equipment specified.
30. Failure of the bidder to sign the bid or have the signature of an authorized representative or agent on the bid proposal in the space provided will be cause for rejection of the bid. **Signature must be written in ink. Typewritten or printed signatures will not be accepted.**
31. Any bidder may withdraw his bid at any time before the time set for the opening of the bids. No bid may be withdrawn in the thirty (30) day period after bids are opened.
32. It is mutually understood and agreed that if any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that contractor is willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Director, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted for any paid by the County our of such monies as may become due to the said contractor, under and by virtue of this agreement. In

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case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amount of such excess to the County on notice made by Purchasing Department or his designee of the excess due.

33. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
34. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; otherwise, the bidder waives such complaint.
35. Contracts may be cancelled by the County with or without cause on thirty (30) days advance written notice.
36. All contractors submitting bids for road projects in excess of \$150,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification upon request.
37. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
38. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.

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BID PROPOSAL

THE UNDERSIGNED hereby propose to furnish all materials, labor and supervision for the construction of the subject project including conformance with the construction requirements and specifications for the following unit prices:

ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
1 Mobilization	Lump Sum	1		
2 Maintenance of Traffic	Lump Sum	1		
3 Clearing and Grubbing	Lump Sum	1		
4 Grading	Lump Sum	1		
5 Borrow Material	Cubic Yard	200		
6 Concrete Pipe Culvert (18")	Linear Foot	8		
7 Concrete Pipe Culvert (24")	Linear Foot	1534		
8 HDPE Pipe Culvert (18")	Linear Foot	24		
9 Concrete Mitered End Sections (24")	Each	1		
10 Concrete Mitered End Sections (18")	Each	1		
11 Type E Inlet	Each	9		
12 Stormwater Manhole (P-7)	Each	1		
13 Asphaltic Concrete (Base Course) B-12.5	Ton	440		
14 Asphaltic Concrete (Structural) SP-12.5	Ton	107		
15 Asphaltic Concrete (Friction) SP-12.5	Ton	81		
16 Sodding (Bermuda)	Square Yard	3640		
17 Pavement Markings	Lump Sum	1		
18 Staked Silt Fence	Linear Foot	100		
19 Driveway Paving	Lump Sum	1		
20 Traffic Signal Improvements	Lump Sum	1		
			TOTAL BID: \$	-

- 2 Includes the cost of temporary striping required at the end of each day's paving operation.
- 5 May be increased, decreased or omitted
- 5 Payment by Truck Measure
- 6,7, & 8 Includes Miter Length
- 9 & 10 Excludes Pipe
- 17 Includes centerline, edge lines, directional arrows, stop bars, and RPMs.
(Two Applications Required for Final Striping)
- 18 May be increased, decreased or omitted at all areas of potential stormwater runoff as directed by the Engineer.
- 19 Includes the cost to saw existing pavement and remove culverts.(see plan sheet 6 for estimated quantities).
- 20 Includes the cost to place signal loops and relocate signal box.

ALL INCIDENTAL WORK INCLUDED IN THESE ITEMS....

FIRM _____

BY _____ **(Seal)**
President

ATTEST _____

STATE ROAD 247 - SW BASCOM NORRIS DRIVE

NORTHBOUND RIGHT TURN LANE COLUMBIA COUNTY PROJECT NUMBER: 2011-05 FINANCIAL PROJECT ID : 208411-8-58-01

FOR:
CCBCC
C/O Lisa Roberts
PO Box 1529
Lake City, FL 32056
Phone: (386) 758-1005



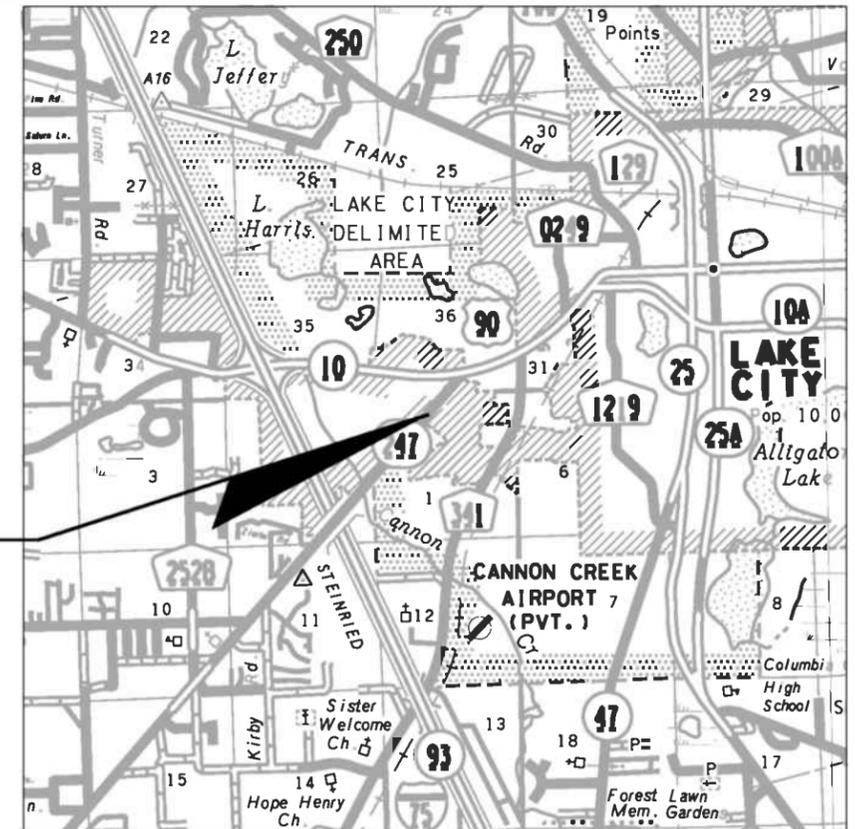
GTC Design Group, LLC.
Auth. # 9461
Structural / Civil Engineers
www.gtcdesigngroup.com

Live Oak
P.O. Box 187
130 West Howard Street
Live Oak, FL 32064
Phone: (386) 362-3678
Fax: (386) 362-6133

Lake City
176 NW Lake Jeffery Rd
Lake City, FL 32055
Phone: (386) 719-9985
Fax: (386) 719-8828
www.gtcdesigngroup.com

Chadwick W. Williams, PE 63144
Auth. #: 9461

PROJECT LOCATION



LOCATION MAP

SECTION 01, TOWNSHIP 4 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA

LEGEND

EXISTING		PROPOSED	
CONCRETE MONUMENT FOUND	■	TELEPHONE POLE	⊕
IRON PIPE FOUND	●	TELEPHONE MANHOLE	⊕
ELECTRIC METER	⊕	ELECTRIC MANHOLE	⊕
ELECTRIC MANHOLE	⊕	ELECTRIC METER	⊕
LIGHT STANDARD	⊕	LIGHT	⊕
POWER POLE	⊕	STANDARD POWER POLE	⊕
SHARED POWER POLE W/ TRANSFORMER	⊕	POWER POLE SHARED	⊕
SHARED POWER POLE	⊕	POWER POLE SHARED W/ TRANSFORMER	⊕
TELEPHONE POLE	⊕	GAS METER	⊕
REDUCER	▷	GAS VALVE	⊕
WATER METER	⊕	WATER METER	⊕
WATER VALVE	⊕	WATER VALVE	⊕
FIRE HYDRANT	⊕	WATER REDUCER	▷
BACKFLOW PREVENTER	⊕	WATER TEE	⊕
SANITARY SEWER VALVE	⊕	WATER 90° BEND	⊕
SANITARY MANHOLE	⊕	SINGLE WATER SERVICE	⊕
STORMWATER MANHOLE	⊕	DOUBLE WATER SERVICE	⊕
FDOT STORMWATER MANHOLE	⊕	FIRE HYDRANT	⊕
GROUND CONTOUR	—	BACKFLOW PREVENTER	⊕
D.O.T. MARKER FOUND	•	SANITARY MANHOLE	⊕
GAS METER	⊕	SANITARY VALVE	⊕
GAS VALVE	⊕	SANITARY SINGLE SERVICE	⊕
SOIL BORING LOCATION	⊕	SANITARY DOUBLE SERVICE	⊕
SINGLE POST SIGN	⊕	GROUND CONTOUR	—
BENCH MARK	⊕	DITCH BLOCK	⊕
SECTION CORNER	+	STORMWATER MANHOLE	⊕
		FLOW ARROW	→
		HANDICAP PARKING	⊕
		MITERED END	⊕
		SIGN	⊕

ABBREVIATIONS

PL	PROPERTY LINE	IP	IRON PIPE
CL	CENTER LINE	MH	MANHOLE
BL	BASE LINE	G	GAS
SAN	SANITARY SEWER	UC	UNDERGROUND CABLE
ST	STORM SEWER	OC	OVERHEAD CABLE
E	ELECTRIC	W	WATER LINE
OHE	OVERHEAD ELECTRIC	HDPE	HIGH-DENSITY POLYETHYLENE
UG	UNDERGROUND ELECTRIC	RCP	REINFORCED CONCRETE PIPE-ROUND
OHT	OVERHEAD TELEPHONE	RCPA	REINFORCED CONCRETE PIPE-ARC
UT	UNDERGROUND TELEPHONE	RCPE	REINFORCED CONCRETE PIPE-ELLIPTICAL
R	RADIUS	CMP	CORRUGATED METAL PIPE-ROUND
CO	CLEANOUT	CMPA	CORRUGATED METAL PIPE-ARC
BM	BENCH MARK	BCCMP	BITUMINOUS COATED CORRUGATED METAL PIPE
IE	INVERT ELEVATION	BCCSP	BITUMINOUS COATED CORRUGATED STEEL PIPE
LF	LINEAR FEET		

SHEET INDEX

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7	STRIPING PLAN
PP1-PP4	PLAN & PROFILE
PP5-PP8	PLAN & PROFILE UTILITY
XSC1 - XSC7	CROSS SECTIONS

DATE:

GTC PROJECT NO. PF10-085
RELEASED FOR CONSTRUCTION BY:

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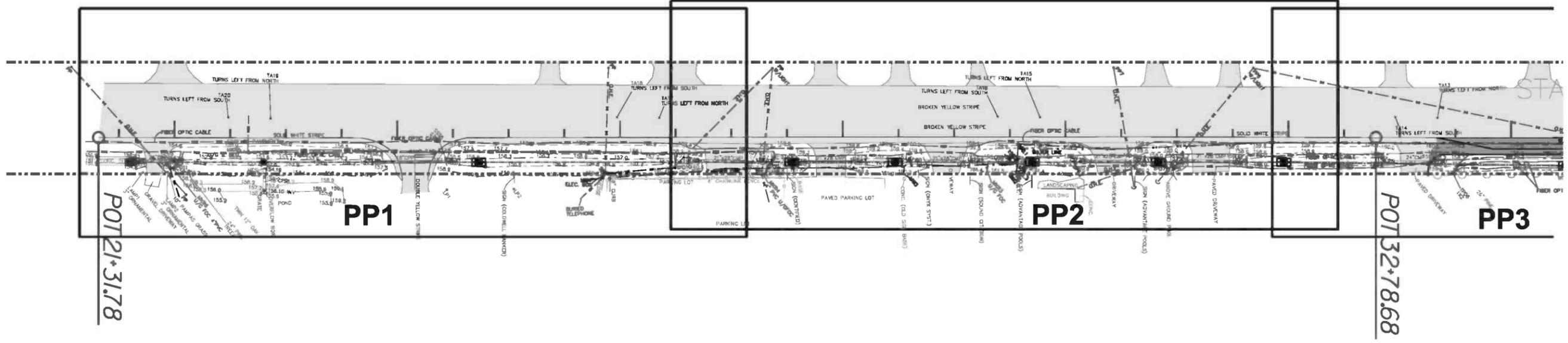
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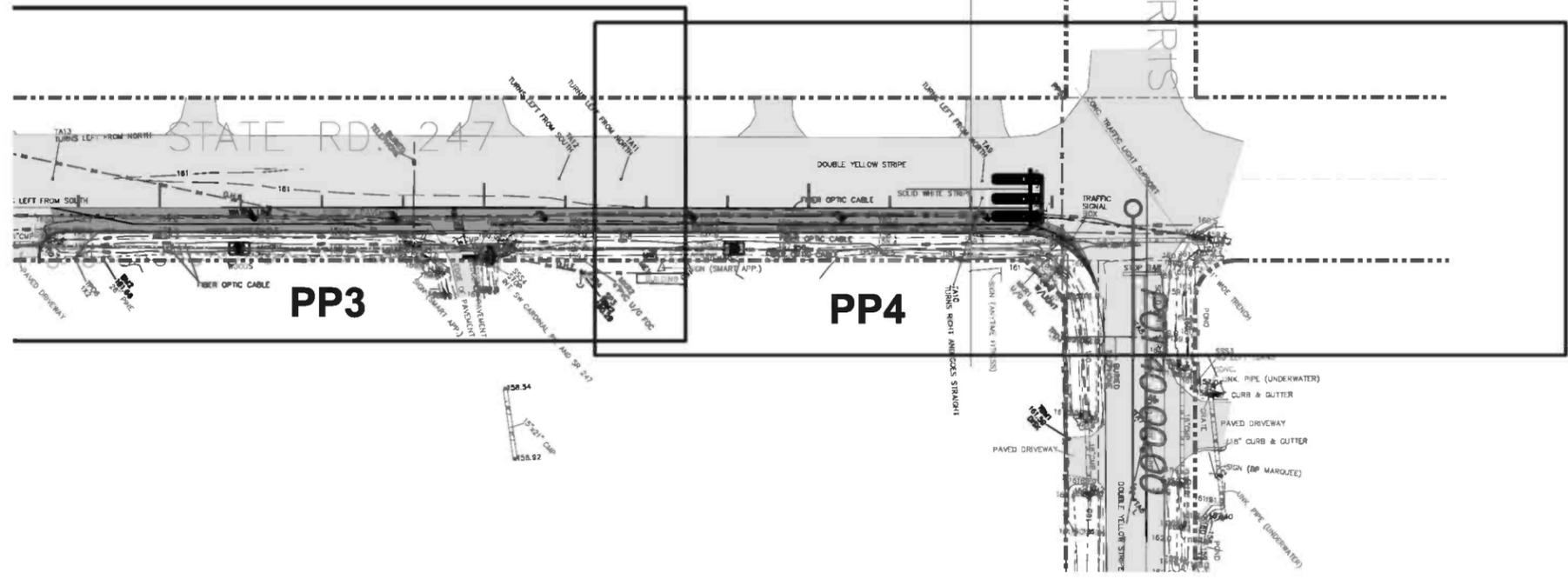
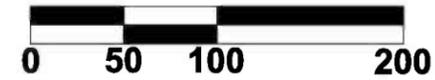


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BASCOM NORRIS



DATE	REVISION NOTES

P.O. BOX 187
 130 W HOWARD ST
 LIVE OAK FL, 32064
 PHONE: (386) 362-3878
 FAX: (386) 362-6133



GTC Design Group, LLC
 176 NW LAKE JEFFREY RD
 LAKE CITY, FL 32055
 Phone: (386) 719-9985
 Fax: (386) 719-8828
 www.gtcdesigngroup.com

SR 247 / BASCOM NORRIS BYPASS
FDOT RIGHT TURN LANE
SITE PLAN / KEY SHEET

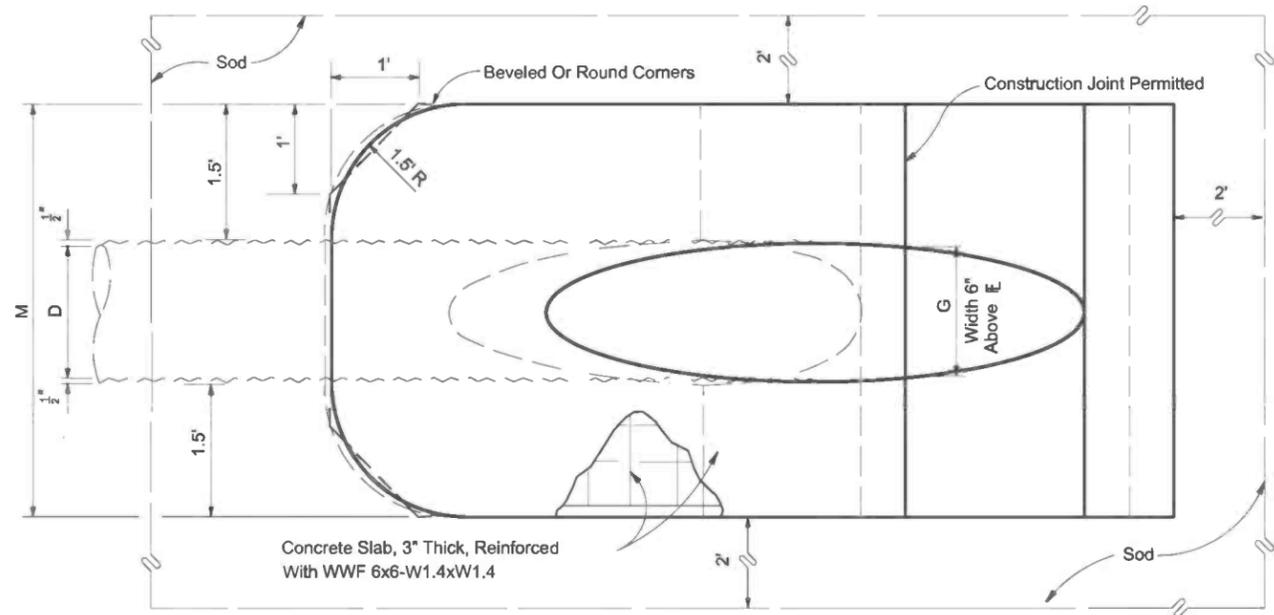
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PROJECT NUMBER
PF10-085

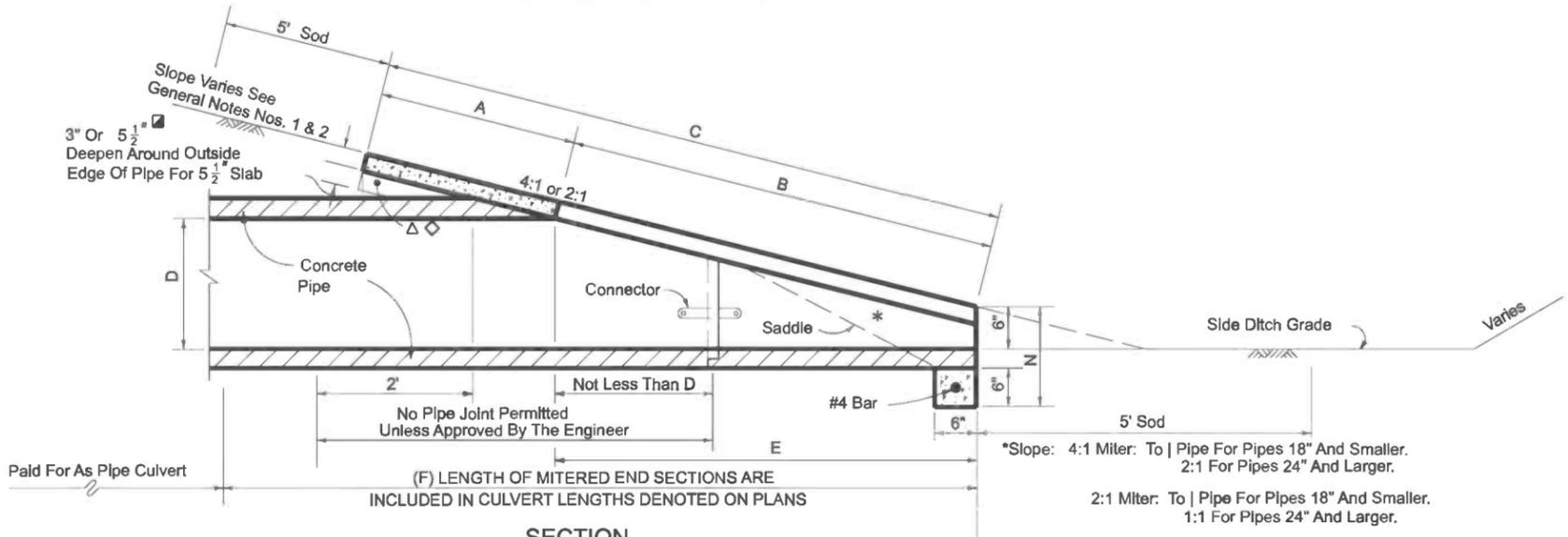
SHEET
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DIMENSIONS & QUANTITIES

D	X	A	B	C	E	F	G	M				N	GRATE SIZES		CONCRETE (Cu. Yds.)				SODDING (Sq. Yds.)			
								Single Pipe	Double Pipe	Triple Pipe	Quad Pipe		Standard Weight Pipe	Extra Strong Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad Pipe
15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	7.21'	9.79'	12.37'	1.19'			0.76	1.16	1.54	1.94	8	10	11	12
18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'			0.85	1.28	1.71	2.17	9	10	12	13
24"	3'-5"	2.53'	7.18' Δ	9.71'	7.03' Δ	11'	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'			1.02	1.58	2.15	2.75	10	12	13	15
30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	2 1/2"	3"	1.23	1.98	2.74	3.50	12	14	15	17
36"	5'-1"	2.87'	11.31' ◇	14.18'	11.03' ◇	15'	2.24'	6.67'	11.75'	16.83'	21.92'	1.33'	2 1/2"	3"	1.40	2.38	3.33	4.24	13	15	17	20
42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	7.25'	13.25'	19.25'	25.25'	1.38'	2 1/2"	3 1/2"	1.60	2.83	4.04	5.26	14	17	19	22
48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	7.83'	14.58'	21.33'	28.08'	1.42'	2 1/2"	3 1/2"	1.81	3.26	4.70	6.14	15	18	21	24
54"	7'-8"	3.39'	17.49'	20.88'	17.03'	21'	2.83'	8.42'	16.08'	23.75'	31.42'	1.46'	3"	4"	2.03	3.78	5.54	7.28	17	20	23	27
60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	9.00'	17.50'	26.00'	34.50'	1.50'	3"	4"	2.28	4.36	6.43	8.50	18	22	25	29



TOP VIEW-SINGLE PIPE



SECTION
SIDE DRAIN
MITERED END SECTION
SINGLE AND MULTIPLE ROUND CONCRETE PIPE

General Notes:

1. Mitered end sections for pipe sizes 15", 18", and 24" round or equivalent pipe arch or elliptical pipe are permitted within the clear zone. When the slope intersection permits, the mitered end section may be located with the culvert opening as close as 8' beyond the outside edge of the shoulder.
2. Slope and ditch transitions shall be used when the normal roadway slope must be flattened to place end section outside clear zone. See detail left.
3. The reinforced concrete slab shall be constructed for all sizes of cross drain pipe and cast in place with Class ~ concrete. Slabs shall be 5 1/2" thick unless 3" thickness called for in plans.
4. Concrete pipe used in the assembly of mitered end sections shall be selective lengths to avoid excessive connections.
5. Corrugated metal pipe galvanizing that is damaged during beveling and perforating for mitered end section shall be repaired.
6. That portion of corrugated metal pipe in direct contact with the concrete slab shall be bituminous coated prior to placing of the concrete.
7. Unless otherwise designated in the plans, concrete pipe mitered end sections may be used with any type of cross drain pipe; corrugated steel pipe mitered end sections may be used with any type of cross drain pipe except aluminum pipe; and, corrugated aluminum mitered end sections may be used with any type of cross drain pipe except steel pipe. When bituminous coated metal pipe is specified for cross drain pipe, mitered end sections shall be constructed with like pipe or concrete pipe.
8. When the mitered end section pipe is dissimilar to the cross drain pipe, a concrete jacket shall be constructed in accordance with Standard Index 280.
9. When existing multiple cross drain pipes are spaced other than the dimensions shown in this detail, or have non-parallel axes, or have non-uniform sections, the mitered end sections will be constructed either separately as single pipe mitered end sections or collectively as multiple pipe end sections as directed by the Engineer; however, mitered end sections will be paid for each based on each independent pipe end.
10. The cost of all pipe(s), fasteners, reinforcing, connectors, anchors, concrete, sealants, jackets, and coupling bands shall be included in the cost for the mitered end section. Sodding shall be paid for separately under the contract unit price of Sodding, SY.
11. Mitered end sections shall be paid for under the contract unit price for Mitered End Section (CD), Each, based on each independent pipe end. Mitered end sections used for detention / retention basin outlets are to be paid for under the contract unit price for Mitered End Section (BO), Each.

REVISION NOTES

DATE	REVISION

P.O. BOX 187
130 W HOWARD ST
LIVE OAK FL 32064
PHONE: (386) 362-3678
FAX: (386) 362-6133

GTC Design Group, LLC
Auth: # 9461
Structural / Civil Engineers
www.gtcdesigngroup.com

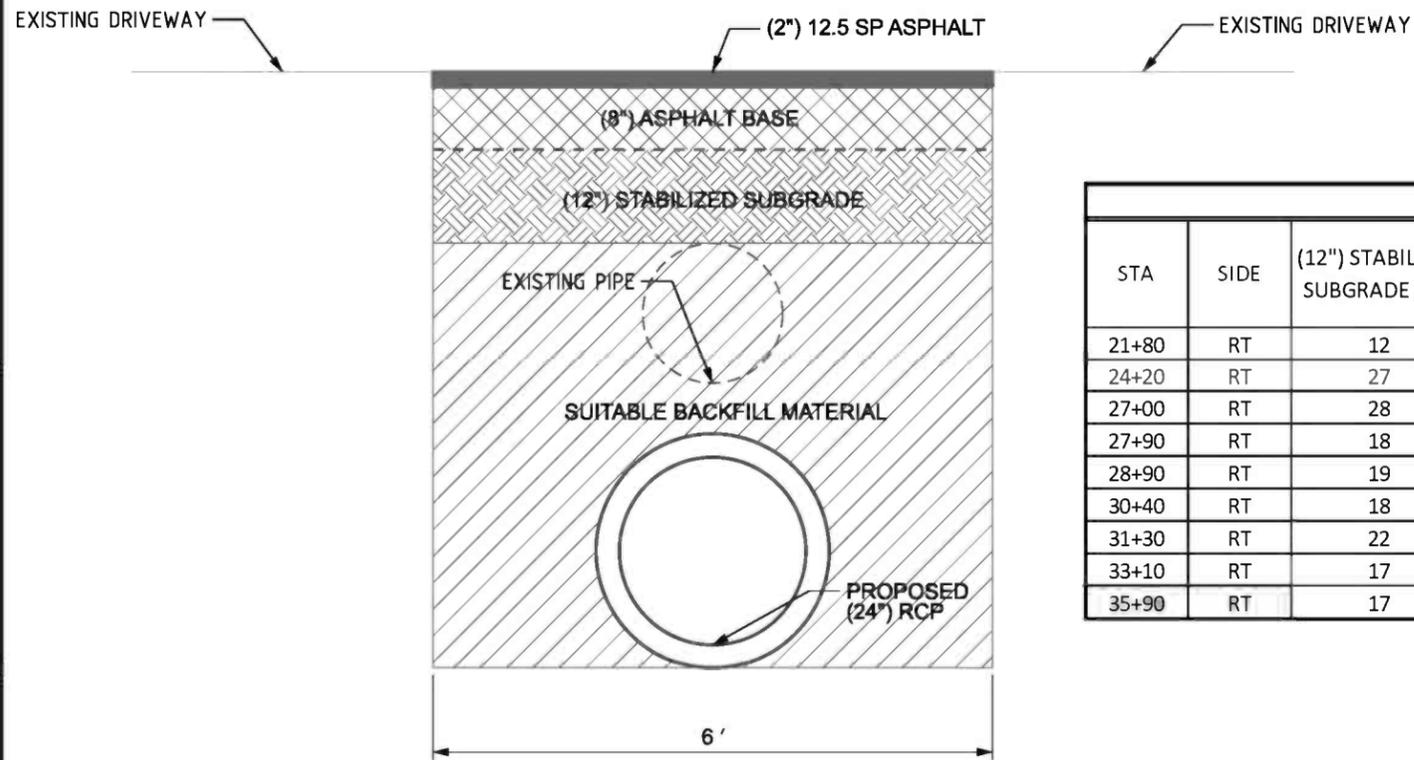
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Phone: (386) 719-9985
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SR 247 / BASCOM NORRIS BYPASS

FDOT RIGHT TURN LANE

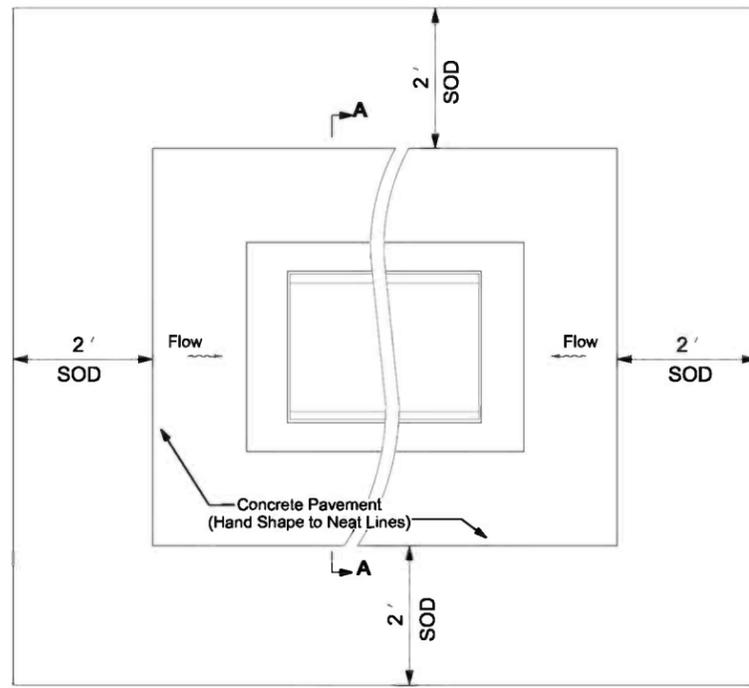
MISCELLANEOUS NOTES & DETAILS

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PROJECT NUMBER PF10-085	
SHEET 5	

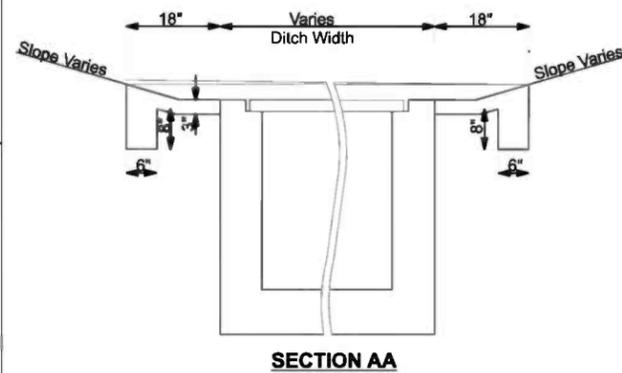


DRIVEWAY SAW CUT SECTION
NTS

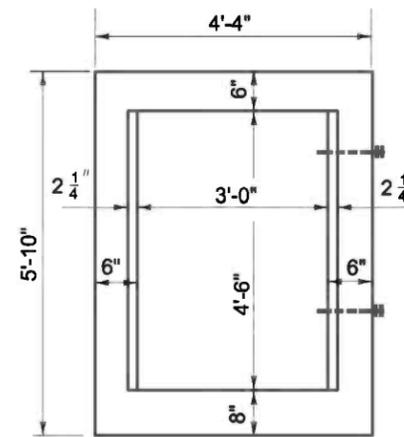
DRIVEWAYS QUANTITIES								
STA	SIDE	(12") STABILIZED SUBGRADE (SY)	880 LBS/SY ASPHALT BASE (SY)	880 LBS/SY ASPHALT BASE (TONS)	220 LBS/SY 12.5 SP ASPHALT (SY)	220 LBS/SY 12.5 SP ASPHALT (TONS)	165 LBS/SY 12.5 SP ASPHALT OVERLAY (SY)	165 LBS/SY 12.5 SP ASPHALT OVERLAY (TONS)
21+80	RT	12	12	5.28	12	1.32		
24+20	RT	27	27	11.88	27	2.97		
27+00	RT	28	28	12.32	28	3.08		
27+90	RT	18	18	7.92	18	1.98		
28+90	RT	19	19	8.36	19	2.09		
30+40	RT	18	18	7.92	18	1.98		
31+30	RT	22	22	9.68	22	2.42		
33+10	RT	17	17	7.48	17	1.87	77	6.35
35+90	RT	17	17	7.48	17	1.87	50	4.12



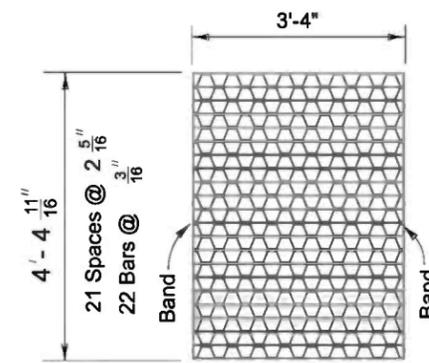
TYPE E
W/ 3" CONCRETE DITCH PAVEMENT



SECTION AA



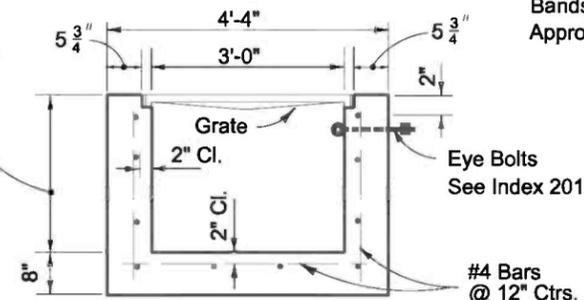
PLAN



TYPE E

Straight Bars 2"x $\frac{3}{16}$ "
Reticuline Bars 1 $\frac{1}{4}$ " x $\frac{3}{16}$ "
Bands 1 $\frac{1}{2}$ " x $\frac{1}{4}$ "
Approx. Weight 215 Lbs.

Varies 15' Max. See FDOT Standard Index No. 201, Sh. 4 & 5 For Reinf. Mod. For Depths 13' To 15'



SECTION

TYPE E

Recommended Maximum Pipe Size:

3'-0" Wall-24" Pipe
4'-6" Wall-42" Pipe

REVISION NOTES

DATE

P.O. BOX 187

130 W HOWARD ST

LIVE OAK FL, 32064

PHONE: (386) 362-3678

FAX: (386) 362-6133

GTC Design Group, LLC

Auth. # 9461

Structural / Civil Engineers

www.gtcdesigngroup.com

176 NW LAKE JEFFREY RD

LAKE CITY, FL 32055

Phone: (386) 719-9985

Fax: (386) 719-8828

SR 247 / BASCOM NORRIS BYPASS
FDOT RIGHT TURN LANE

MISCELLANEOUS NOTES & DETAILS

DRAWN BY MC

CHECKED BY CW

PROJECT NUMBER

PF10-085

SHEET

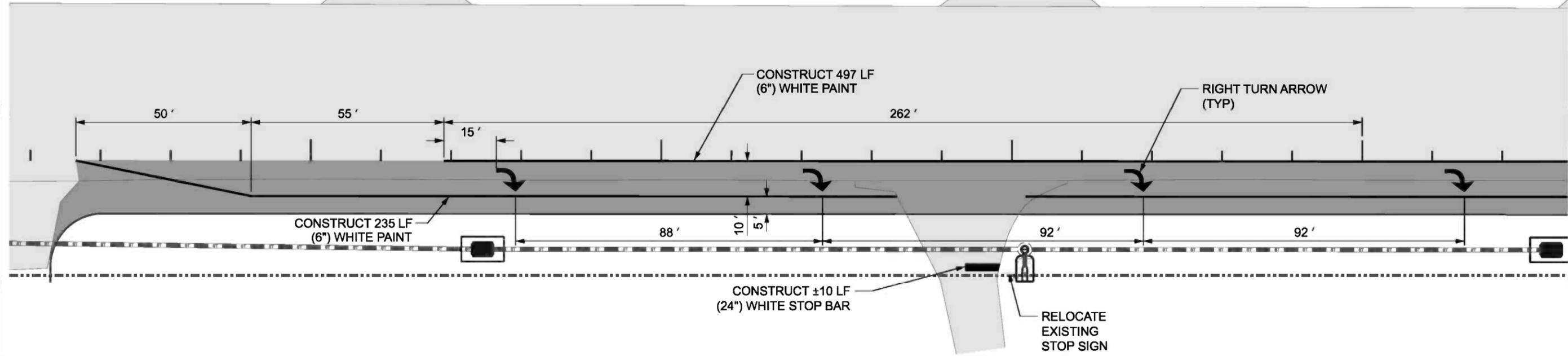
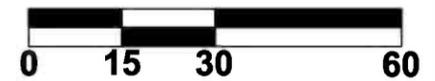
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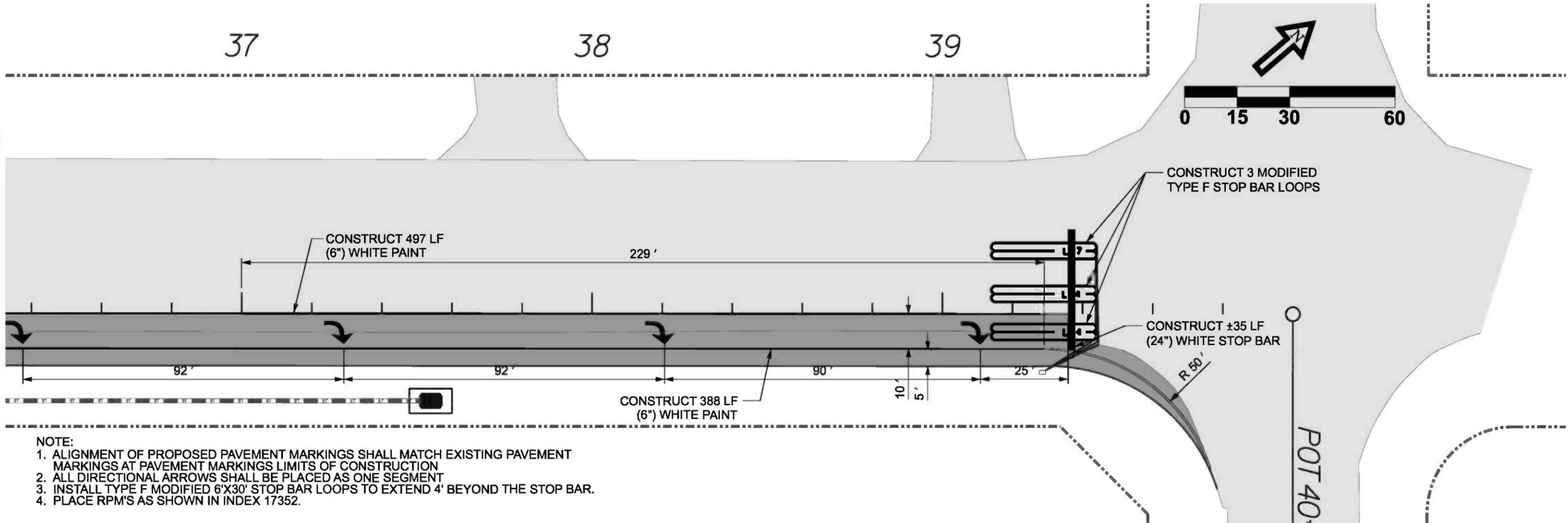
37



37

38

39



- NOTE:
1. ALIGNMENT OF PROPOSED PAVEMENT MARKINGS SHALL MATCH EXISTING PAVEMENT MARKINGS AT PAVEMENT MARKINGS LIMITS OF CONSTRUCTION
 2. ALL DIRECTIONAL ARROWS SHALL BE PLACED AS ONE SEGMENT
 3. INSTALL TYPE F MODIFIED 6'X30' STOP BAR LOOPS TO EXTEND 4' BEYOND THE STOP BAR.
 4. PLACE RPM'S AS SHOWN IN INDEX 17352.

REVISION NOTES

DATE

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LAKE CITY, FL 32055

Auth. # 9461

Structural / Civil Engineers

www.gtcdesigngroup.com

SR 247 / BASCOM NORRIS BYPASS

FDOT RIGHT TURN LANE

STRIPING PLAN

DRAWN BY

MC

CHECKED BY

CW

PROJECT NUMBER

PF10-085

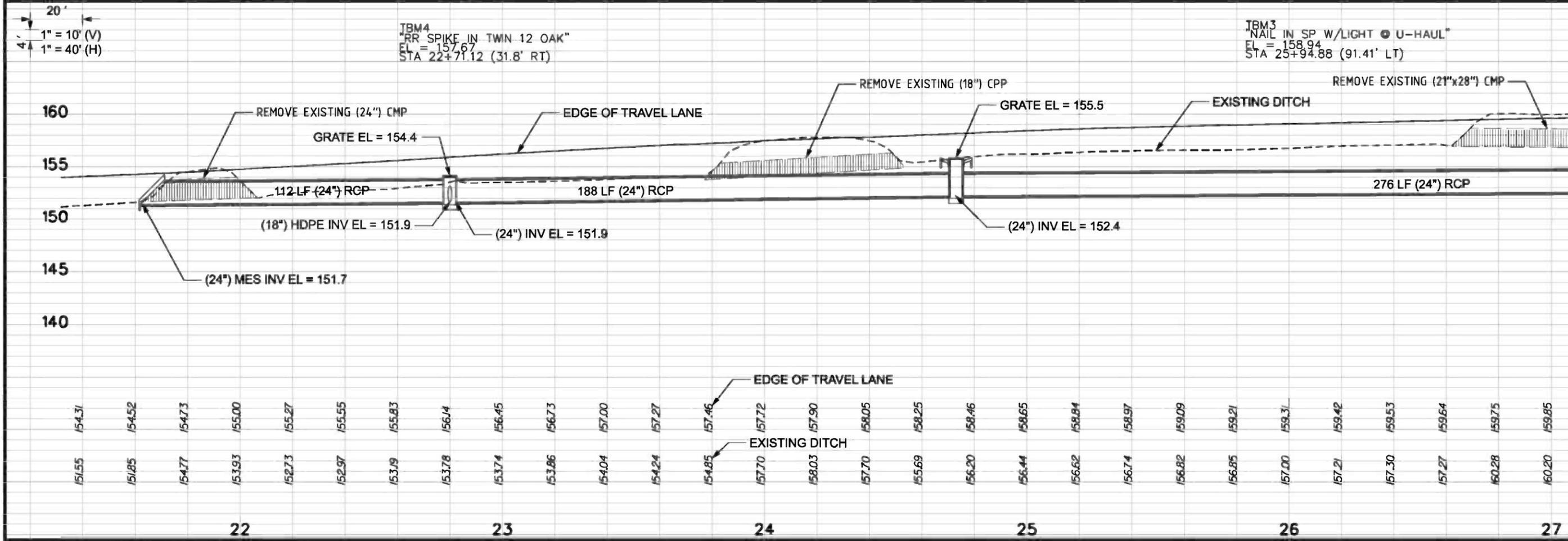
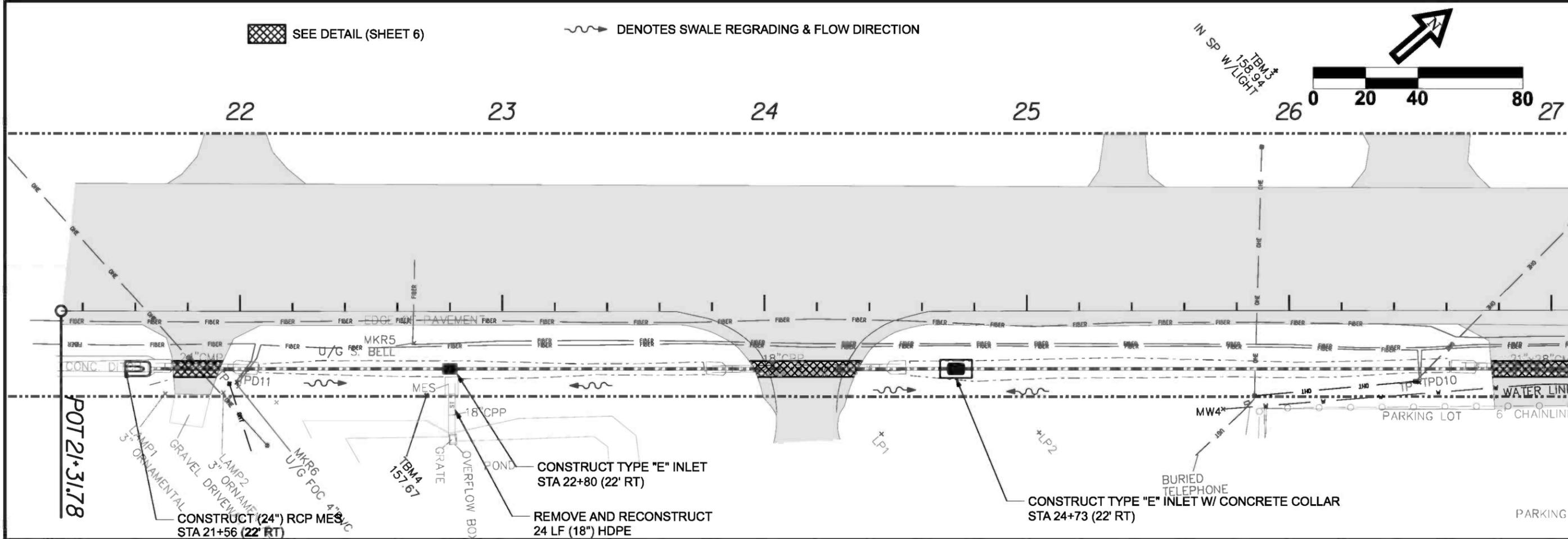
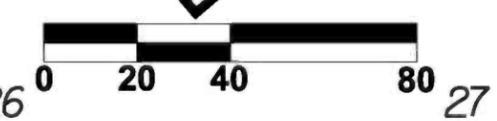
SHEET

7

SEE DETAIL (SHEET 6)

DENOTES SWALE REGRADING & FLOW DIRECTION

TBM3
158.94
IN SP W/LIGHT



REVISION NOTES	DATE
P.O. BOX 187 130 W HOWARD ST LIVE OAK FL, 32064 PHONE: (386) 362-3878 FAX: (386) 362-6133	
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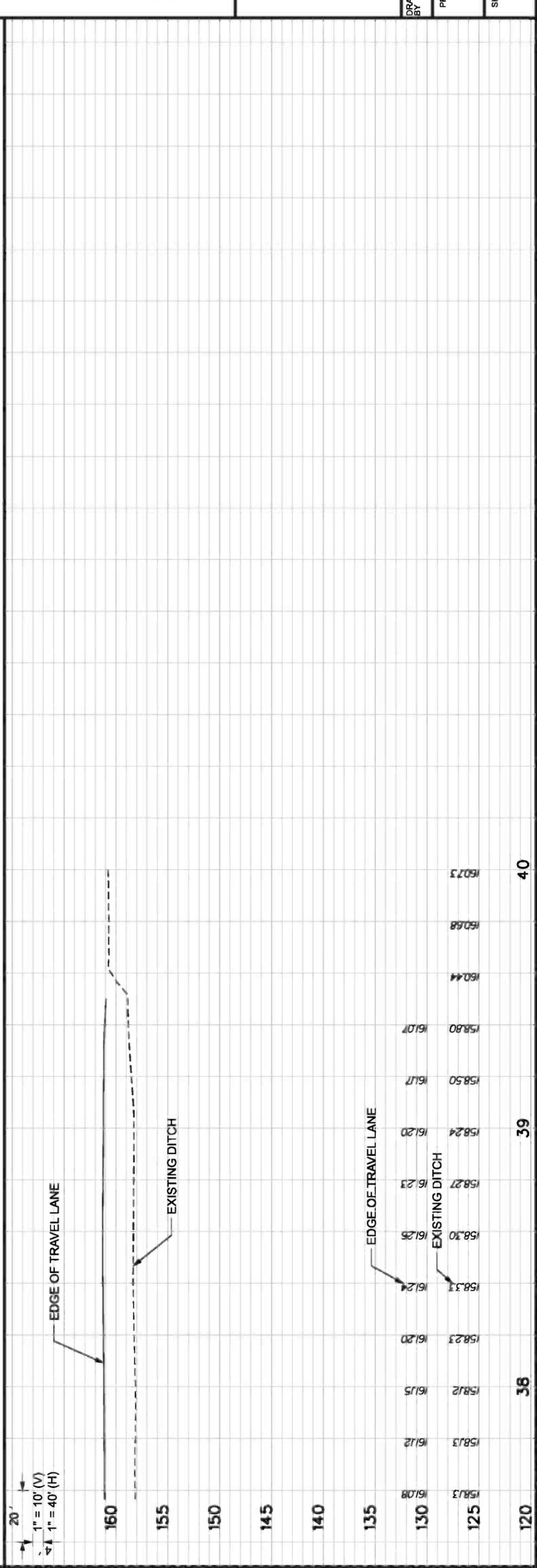
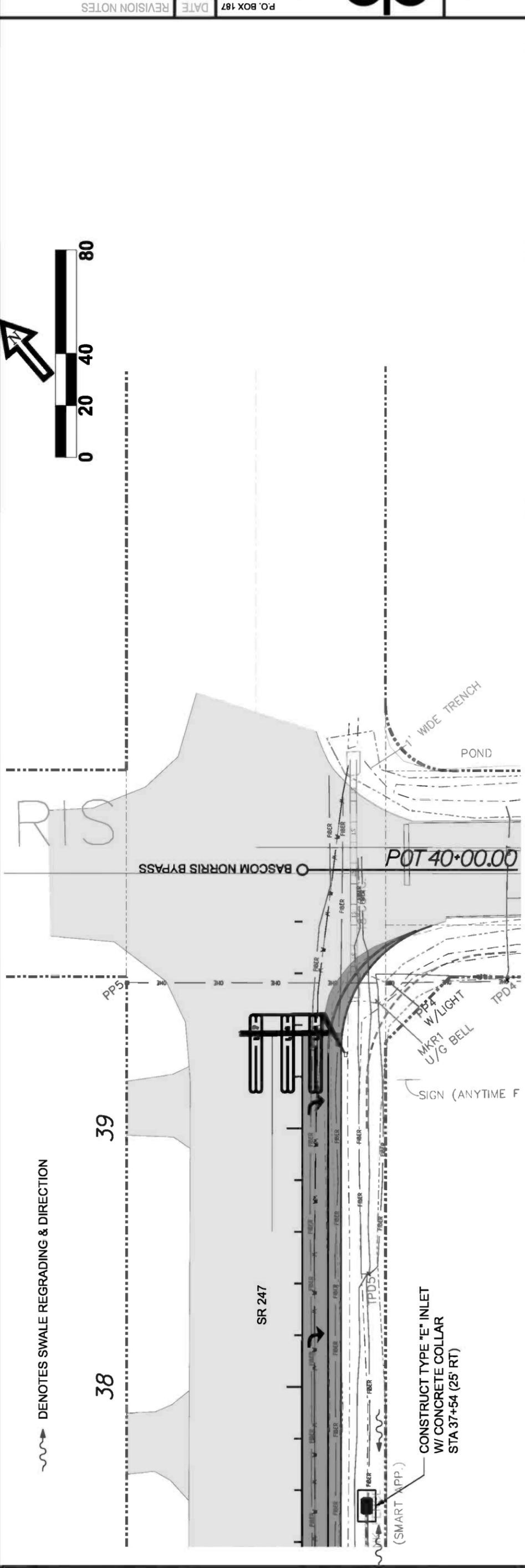
**SR 247 / BASCOM NORRIS BYPASS
RIGHT TURN LANE
PLAN & PROFILE
UTILITY**

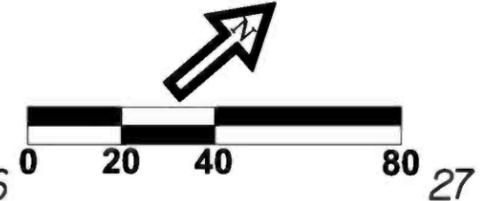
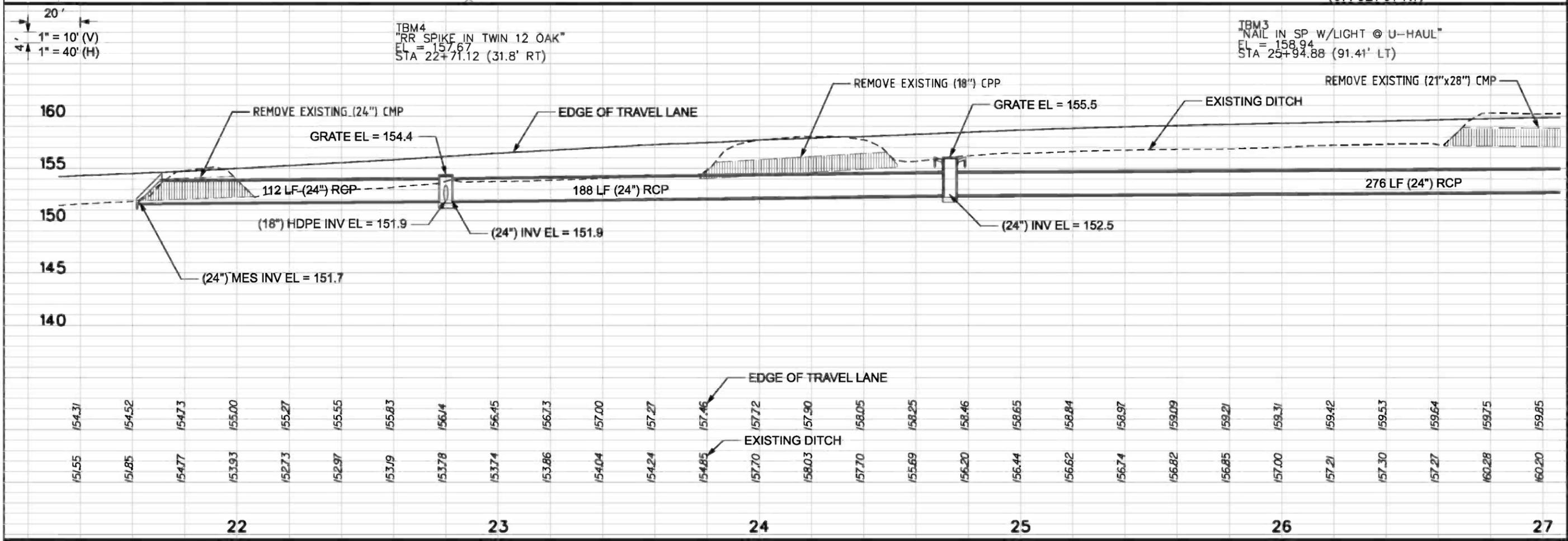
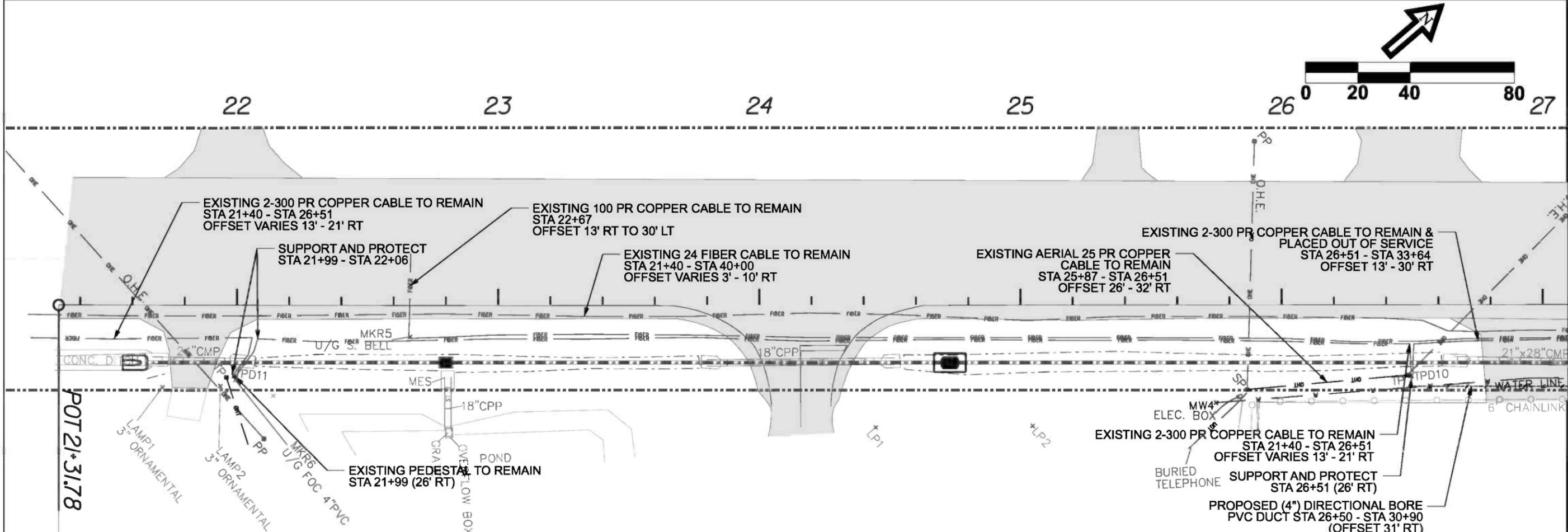
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PROJECT NUMBER PF10-085	
SHEET P1	

**SR 247 / BASCOM NORRIS BYPASS
RIGHT TURN LANE
PLAN & PROFILE**

DRAWN BY **MC** CHECKED BY **CW**
PROJECT NUMBER **PF10-085**
SHEET **PP4**

GTC Design Group, LLC, 176 NW LAKE JEFFREY RD
Auth. # 9461
Structural / Civil Engineers
www.gtdesigngroup.com
Phone: (386) 719-9985
Fax: (386) 719-8828
LIVE OAK FL, 32064
PHONE: (386) 362-3678
FAX: (386) 362-6133
P.O. BOX 187
130 W HOWARD ST





DATE	REVISION NOTES

P.O. BOX 187
 130 W HOWARD ST
 LIVE OAK FL, 32064
 PHONE: (386) 362-3678
 FAX: (386) 362-6133

GTC
 GTC Design Group, LLC, 176 NW LAKE JEFFREY RD
 LAKE CITY, FL 32055
 Auth: # 9461
 Structural / Civil Engineers
 www.gtcdesigngroup.com

SR 247 / BASCOM NORRIS BYPASS

RIGHT TURN LANE

PLAN & PROFILE

UTILITY

DRAWN BY	MC	CHECKED BY	CW
PROJECT NUMBER			
PF10-085			
SHEET			
PP5			

SR 247 / BASCOM NORRIS BYPASS

RIGHT TURN LANE

PLAN & PROFILE

UTILITY

DRAWN BY **MC** CHECKED BY **CW**

PROJECT NUMBER

PF10-085

SHEET

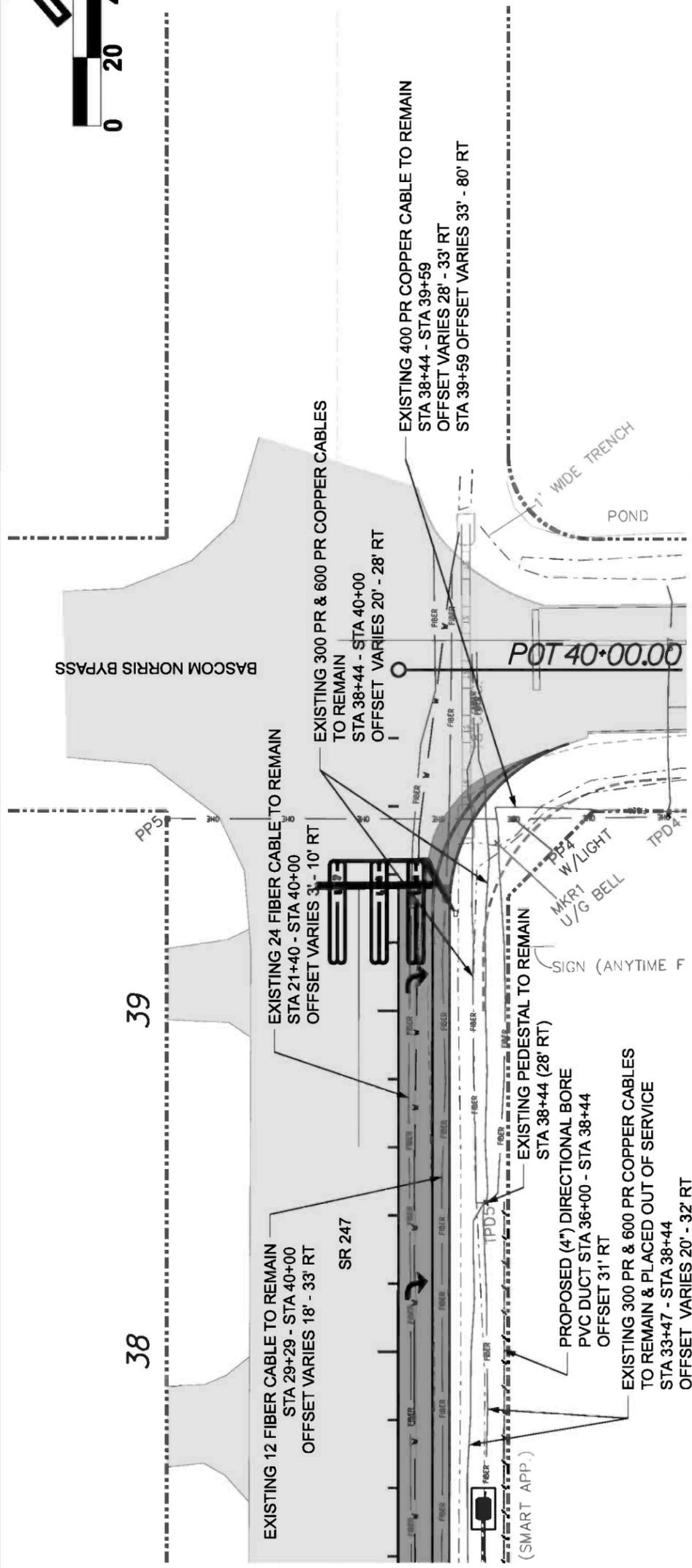
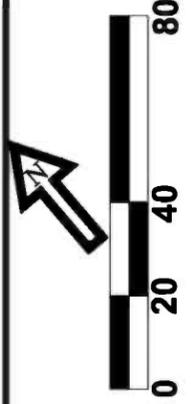
PP8

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 LAKE CITY, FL 32055
 Auth. # 9461
 Structural / Civil Engineers
 www.gtdesigngroup.com
 Phone: (386) 719-9985
 Fax: (386) 719-8828

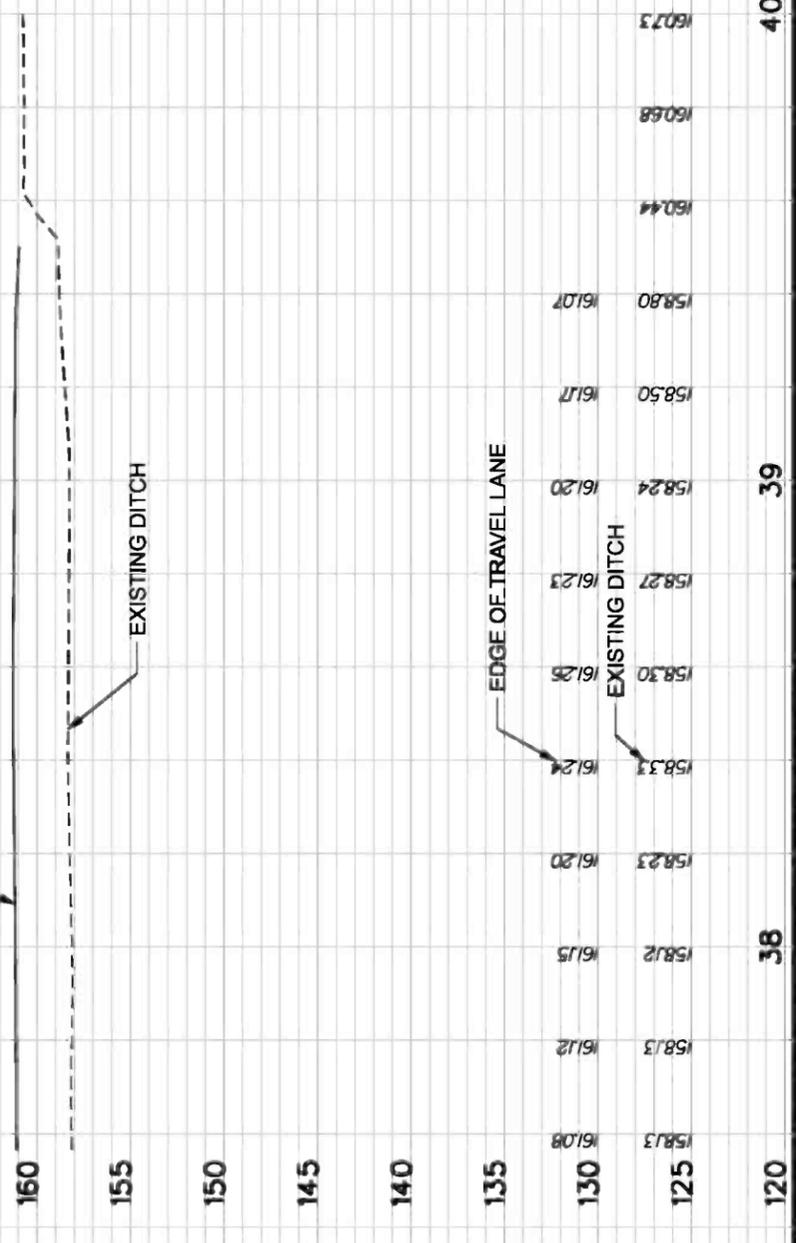


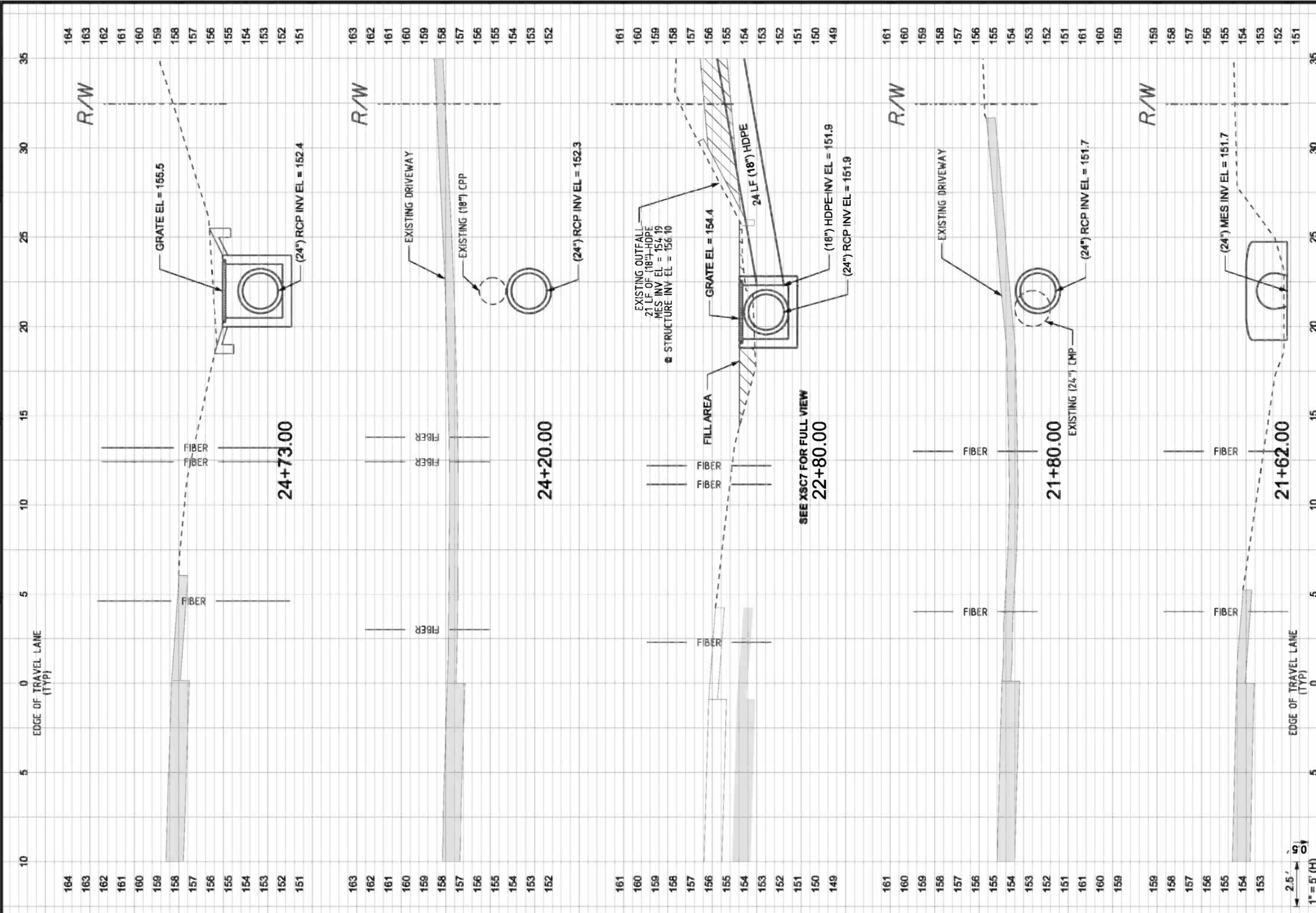
P.O. BOX 187
 LIVE OAK FL, 32064
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REVISION NOTES



20'
 1" = 10' (V)
 1" = 40' (H)





DATE **REVISION NOTES**

P.O. BOX 187
130 W HOWARD ST
LIVE OAK FL, 32064
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FAX: (386) 362-6133

GG

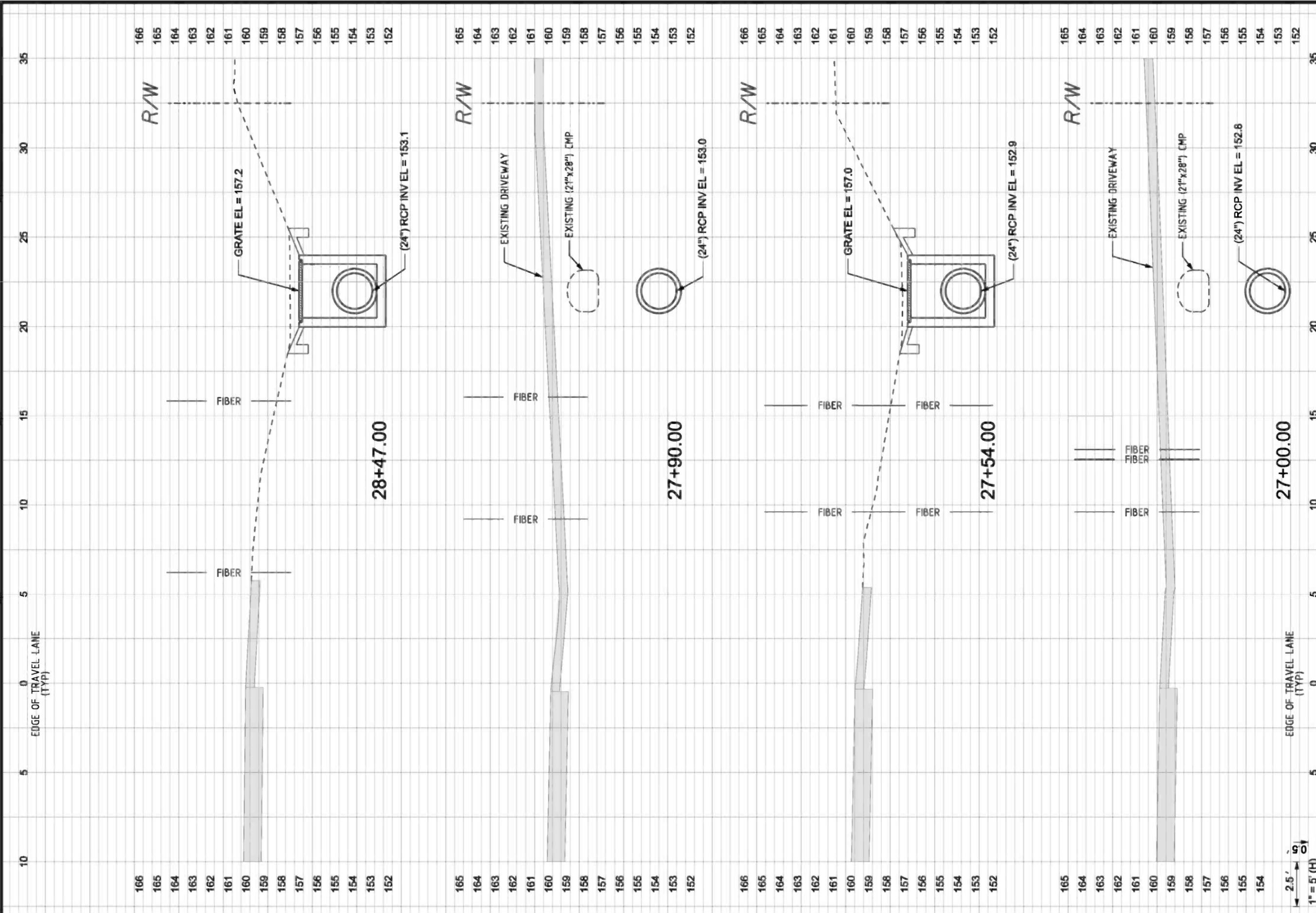
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LAKE CITY, FL 32055
Auth. # 9481
Structural / Civil Engineers
www.gtcdesigngroup.com

**247 / BASCOM NORRIS BYPASS
RIGHT TURN LANE
CROSS SECTIONS**

DRAWN BY MC **CHECKED BY** CW

PROJECT NUMBER
PF10-085

SHEET
XSC1



DATE **REVISION NOTES**

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 130 W HOWARD ST
 LIVE OAK FL, 32064
 PHONE: (386) 362-3878
 FAX: (386) 362-6133

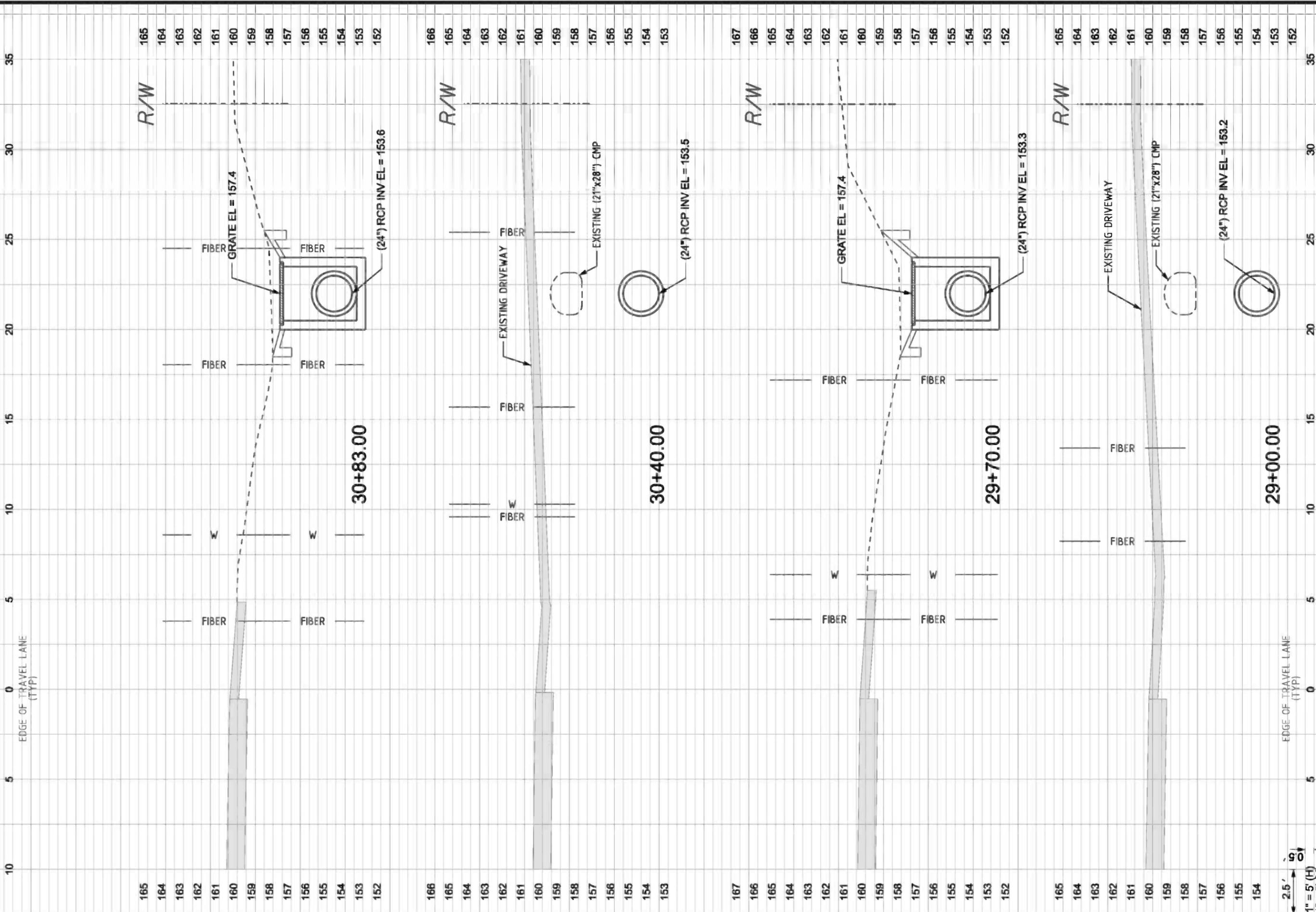
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 LAKE CITY, FL 32055
 Auth. # 9481
 Structural / Civil Engineers
 www.gtcdesigngroup.com
 Phone: (386) 719-9985
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**247 / BASCOM NORRIS BYPASS
 RIGHT TURN LANE
 CROSS SECTIONS**

DRAWN BY MC	CHECKED BY CW
PROJECT NUMBER PF10-085	
SHEET XSC2	

2.5' (H)
 1" = 5' (H)
 1" = 5' (V)



165 164 163 162 161 160 159 158 157 156 155 154 153 152

166 165 164 163 162 161 160 159 158 157 156 155 154 153

167 166 165 164 163 162 161 160 159 158 157 156 155 154 153 152

165 164 163 162 161 160 159 158 157 156 155 154

EDGE OF TRAVEL LANE (TYP)

5 0 5 10 15 20 25 30 35

5 0 5 10 15 20 25 30 35

5 0 5 10 15 20 25 30 35

5 0 5 10 15 20 25 30 35

2.5' 5' 10'

1" = 5' (H)
1" = 5' (V)

DRAWN BY MC		CHECKED BY CW	
PROJECT NUMBER PF10-085			
SHEET XSC3			

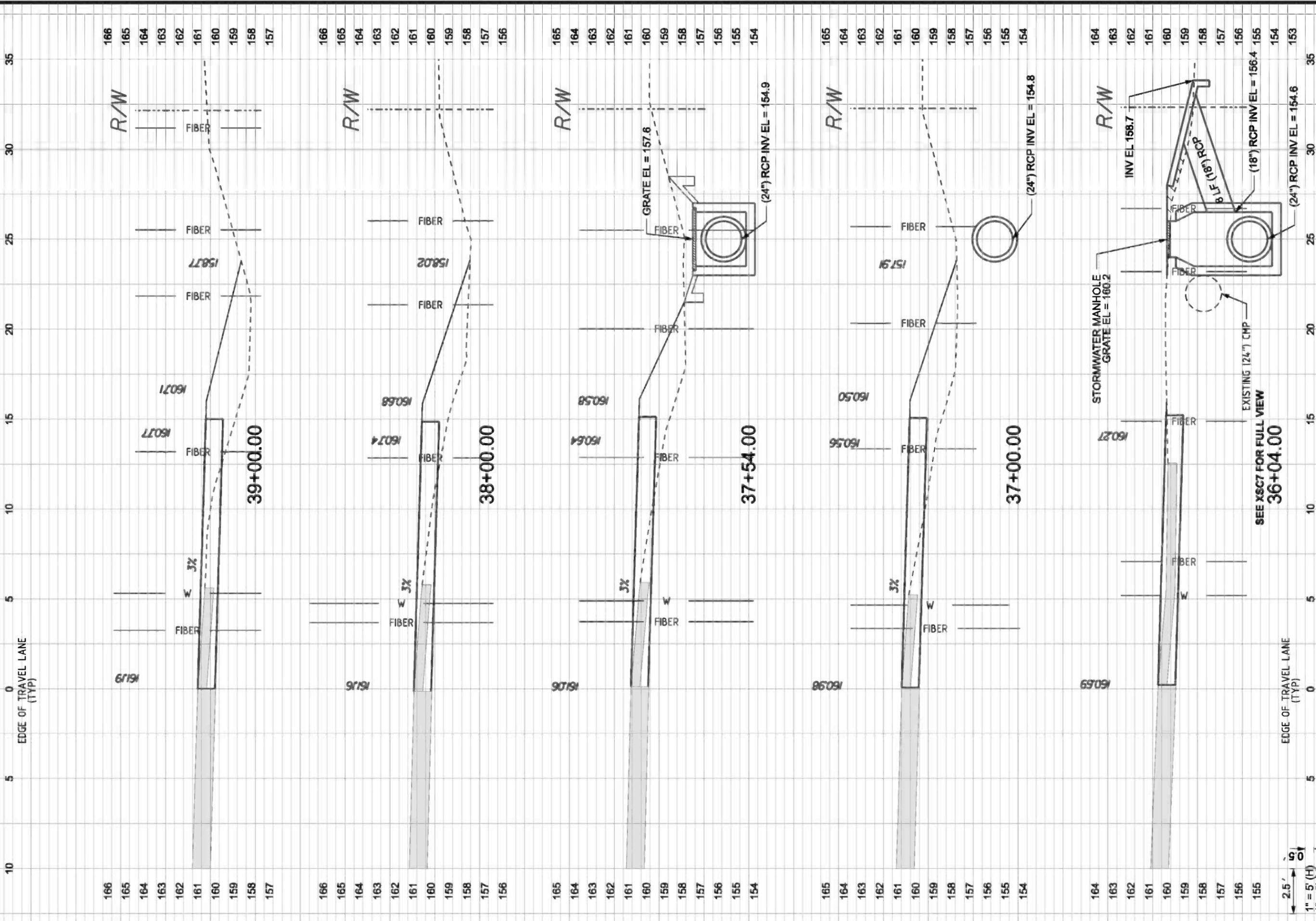
DATE	REVISION NOTES

**247 / BASCOM NORRIS BYPASS
RIGHT TURN LANE**

CROSS SECTIONS

GTC
GTC Design Group, LLC, 176 NW LAKE JEFFREY RD
LAKE CITY, FL 32055
Auth. # 9461
Structural / Civil Engineers
www.gtcdesigngroup.com

P.O. BOX 187
130 W HOWARD ST
LIVE OAK FL, 32064
PHONE: (386) 362-3678
FAX: (386) 362-6133



2.5' 50'
 1" = 5' (H)
 1" = 5' (V)

DRAWN BY MC		CHECKED BY CW	
PROJECT NUMBER PF10-085			
SHEET XSC6			
247 / BASCOM NORRIS BYPASS RIGHT TURN LANE CROSS SECTIONS			
DATE		REVISION NOTES	
 GTC Design Group, LLC, 176 NW LAKE JEFFREY RD LAKE CITY, FL 32055 Auth. # 9461 Structural / Civil Engineers www.gtcdesigngroup.com P.O. BOX 187 130 W HOWARD ST LIVE OAK FL, 32064 PHONE: (386) 362-3678 FAX: (386) 362-6133			

REVISION NOTES

DATE

P.O. BOX 187
130 W HOWARD ST
LIVE OAK FL 32064
PHONE: (386) 362-3678
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GTC Design Group, LLC, 176 NW LAKE JEFFREY RD
LAKE CITY, FL 32055
Auth. # 9461
Structural / Civil Engineers
www.gtdesigngroup.com

Fax: (386) 719-8828
Phone: (386) 719-9985



247 / BASCOM NORRIS BYPASS RIGHT TURN LANE CROSS SECTIONS

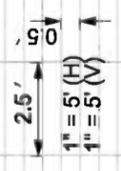
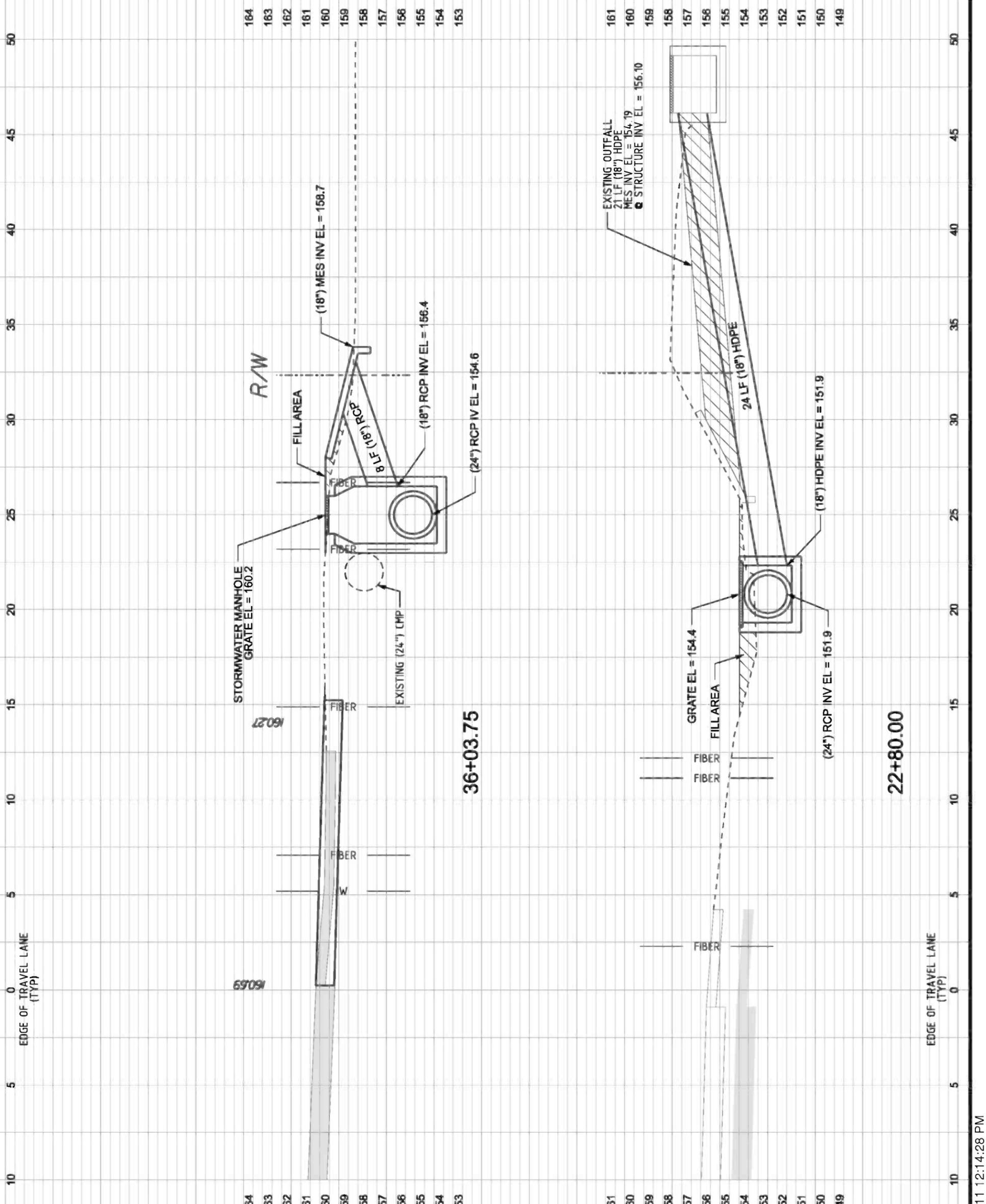
DRAWN BY MC
CHECKED BY CW

PROJECT NUMBER

PF10-085

SHEET

XSC7



UTILITY WORK SCHEDULE

Project Description: SW 247 - SW Bascom Norris Drive	Columbia County Board of County Commissioners
County: Columbia	
Document No.: 1	
Utility Agency/Owner (UAO): AT&T Florida	

A. Summary of Utility Work And Execution

<u>NON-CONSTRUCTION ITEMS</u>	<u>ESTIMATED CALENDAR DAYS</u>	<u>CONSTRUCTION ITEMS</u>	<u>ESTIMATED CALENDAR DAYS</u>
Total Preliminary	0	Total Prior to Project Construction	00
Total Material Procurement	10	Total During Project Construction	41
Total Right-of-Way Acquisition	0	Total	41
Total Other	10		

The Following data is based on preliminary construction plans dated 10/29/10. Any deviation by the County or its contractor from the plans, as provided, may render this work schedule null and void. Upon notification by the County of such change, this utility may require additional days for assessment and negotiation of a new work schedule. This UAO is responsible for events beyond the control of the UAO that could not reasonably be anticipated by the UAO and which could not be avoided by the UAO with the exercise of due diligence at the time of the occurrence. The UAO agrees to notify the County in writing prior to starting, stopping, resuming, or completing work.

UAO Project Representative:	<u>Daniel McGarity</u>	Telephone Number:	<u>386-752-4984</u>
UAO Field Representative:	<u>Daniel McGarity</u>	Telephone Number:	<u>386-752-4984</u>

Authorized Utility Agent:

Engineer of Record (EOR):

Acceptance by Columbia County:

(Signature)

(Signature)

(Signature)

Daniel McGarity

Chadwick W. Williams, P.E.

(Printed Name)

(Printed Name)

(Printed Name)

**MGR OSP PLNG & ENGRG
DESIGN**

(Title)

(Title)

(Title)

(Date)

(Date)

(Date)

UTILITY WORK SCHEDULE

Project Description: SW 247 - SW Bascom Norris Drive	Columbia County Board of County Commissioners
County: Columbia	
Document No.: 1	
Utility Agency/Owner (UAO): AT&T Florida	

B.	Special Conditions / Constraints
-----------	---

- 1) The contractor is to contact **Daniel McGarity, 352-336-5508** 5 business days prior to start of construction.
- 2) Existing right of way clearing & grubbing needs to be completed prior to AT&T Florida placing any facilities.
- 3) Existing right of way needs to be clearly marked prior to AT&T Florida placing any facilities.
- 3) AT&T Florida "Estimated Calendar Days" is based on a 5 day workweek, Monday thru Friday, 8 hours a day.
- 4) All cable damage must be reported to the repair department at 611 or 1-800-432-1424 if calling from a cell phone.

UTILITY WORK SCHEDULE

Project Description: SW 247 - SW Bascom Norris Drive		Columbia County Board of County Commissioners		
County: Columbia				
Document No.: 1				
Utility Agency/Owner (UAO): AT&T Florida				
C.	Disposition of Facilities (List All Existing & Proposed) on Project:			
UTILITY FACILITIES BY TYPE/SIZE/MATERIAL/OFFSET TO BASELINE FROM STA TO STA	DESCRIPTION OF UTILITY WORK	DEPENDENT ACTIVITIES	M.O.T. PHASE NUMBER	CONSECUTIVE CALENDAR DAYS
Measurements from EOP SR247				
Existing Facilities				
Direct buried 24 Fiber Cable Sta 21+40 to Sta 40+00 o/s varies 3'-10' Rt	Remain in service	N/A	N/A	0
Direct buried 12 Fiber Cable Sta 29+29 to Sta 40+00 o/s varies 18' to 33' Rt	Remain in service Adjust horizontally Sta 29+29 to Sta 29+90 Rt Support & Protect Support & Protect Sta 33+09 to Sta 33+24 Rt	Structure @ Sta 29+62 & 24" RCP Structure @ 30+83 24" RCP	During During During	2 1 1
Direct Buried 2-300 pr Copper Cable in same trench Sta 21+40 to Sta 26+51 o/s varies 13' to 21' Rt	Remain in service Support & Protect Sta 21+99 to Sta 22+06 Rt Support & Protect Sta 26+51 Rt	24" RCP 24" RCP	During During	1 1
Pedestals				
Sta 21+99, 26' Rt	Remain in service	N/A	N/A	0
Sta 26+51, 26' Rt	Remain in service	N/A	N/A	0
Sta 27+31, 33' Rt	Removed	Placing cable, splicing & cut over to existing cables	During	1
Sta 29+64, 30' Rt	Removed	Placing cable, splicing & cut over to existing cables	During	1
Direct Buried 2-300 pr Copper Cable in same trench Sta 26+51 to Sta 33+64 o/s varies 13' to 30' Rt	Remain in place & placed out of service	Placing cable, splicing & cut over to existing cables	During	1
Pedestals				
Sta 30+90, 32' Rt	Remain in service	N/A	N/A	0
Sta 33+47, 32' Rt	Removed	Placing cable, splicing & cut over to existing cables	During	1

UTILITY WORK SCHEDULE

Project Description: SW 247 - SW Bascom Norris Drive		Columbia County Board of County Commissioners		
County: Columbia				
Document No.: 1				
Utility Agency/Owner (UAO): AT&T Florida				
C.	Disposition of Facilities (List All Existing & Proposed) on Project:			
UTILITY FACILITIES BY TYPE/SIZE/MATERIAL/OFFSET TO BASELINE FROM STA TO STA	DESCRIPTION OF UTILITY WORK	DEPENDENT ACTIVITIES	M.O.T. PHASE NUMBER	CONSECUTIVE CALENDAR DAYS
Existing Facilities continued				
Direct Buried 100 pr Copper Cable Sta 22+67, o/s 13' Rt to 30' Lt	Remain in service	N/A	N/A	0
Aerial 25 pr Copper Cable Sta 25+87 to Sta 26+51 o/s 26' to 32' Rt	Remain in service	N/A	N/A	0
Direct Buried 300 pr & 600 pr Copper Cables Sta 33+47 to Sta 38+44 o/s varies 20' to 32' Rt	Remain in place & placed out of service	Placing cable, splicing & cut over to existing cables	During	1
Pedestal Sta 38+44, 28' Rt	Remain in service	N/A	N/A	0
Direct Buried 300 pr & 600 pr Copper Cables Sta 38+44 to Sta 40+00 o/s varies 20' to 28' Rt	Remain in service	N/A	N/A	0
Direct Buried 400 pr Copper Cable Sta 38+44 to Sta 39+59 o/s varies 28' to 33' Rt	Remain in service	N/A	N/A	0
Sta 39+59, o/s 33' to 80' Rt	Remain in service	N/A	N/A	0
Direct Buried 50 pr Copper Cable Sta 35+97 to Sta 36+00 o/s 30' to 32' Rt	Remain in service	N/A	N/A	0

UTILITY WORK SCHEDULE

Project Description: SW 247 - SW Bascom Norris Drive		Columbia County Board of County Commissioners		
County: Columbia				
Document No.: 1				
Utility Agency/Owner (UAO): AT&T Florida				
C.	Disposition of Facilities (List All Existing & Proposed) on Project:			
UTILITY FACILITIES BY TYPE/SIZE/MATERIAL/OFFSET TO BASELINE FROM STA TO STA	DESCRIPTION OF UTILITY WORK	DEPENDENT ACTIVITIES	M.O.T. PHASE NUMBER	CONSECUTIVE CALENDAR DAYS
Proposed Facilities				
1-4" PVC Ducts with copper cable Sta 26+50 to Sta 30+90, o/s 31' Rt	Directional Bore, pulling copper cable in duct & splicing to existing facilities	Right of way cleared, grubbed & clearly marked	During	10
Sta 30+90 to Sta 33+47, 31' Rt	Directional Bore, pulling copper cable in duct & splicing to existing facilities	Right of way cleared, grubbed & clearly marked	During	5
Sta 33+47 to Sta 36+00, 31' Rt	Directional Bore, pulling copper cable in duct & splicing to existing facilities	Right of way cleared, grubbed & clearly marked	During	5
Sta 36+00 to Sta 38+44, o/s 31' Rt	Directional Bore, pulling copper cable in duct & splicing to existing facilities	Right of way cleared, grubbed & clearly marked	During	10