City of Tallahassee
Your Own Utilities℠

#1 Public Utility in America

Underground Utilities & Public Infrastructure | 2602 Jackson Bluff Road | Tallahassee | FL | 32304 | 850-891-4968

February 9, 2023

Chris Edmonston
Florida Department of Transportation
Transportation Alternatives Program
605 Suwannee Street
Tallahassee, Florida 32399

Dear Mr. Edmonston:

The City of Tallahassee is excited to submit this grant proposal for the 2023 Transportation Alternatives program. The proposal is for sidewalk improvements along Paul Russell Road located in Tallahassee, Florida.

The grant requests $650,000 to fund a 1.2 mile sidewalk project along Paul Russell Road, from Monday Road to Apalachee Parkway. The grant will be matched by $1,981,755 (75%) in City funds.

All required attachments are included in our submission and a resolution was signed by the City of Tallahassee Commission on February 8, 2023.

If you have any questions or need additional information, please do not hesitate to reach out to me at (850) 891-5509 or desiree.gorman@talgov.com.

Respectfully,

Desiree Gorman

Desiree Gorman
Grants Specialist
City of Tallahassee

DG:

Attachments

CERTIFICATION OF PROJECT SPONSOR

I hereby certify that the proposed project herein described is supported by the City of Tallahassee (Project Sponsor) and that said entity will: (1) provide any required funding match; (2) enter into a maintenance agreement with the Florida Department of Transportation (N/A, the project is not on the SHS); (3) comply with the ***Federal Uniform Relocation Assistance and Acquisition Policies Act*** for any Right of Way actions required for the project, and (4) comply with the **NEPA** process prior to construction, which may require involvement with the **State Historic Preservation Officer (SHPO)**, and other State and/or Federal agencies, prior to construction, and (5) support other actions necessary to fully implement the proposed project. I further certify that the estimated costs included herein are reasonable and agree to follow through on the project once programmed in the Florida Department of Transportation's Work Program. I fully understand that significant increases in these costs could cause the project to be removed from the Florida Department of Transportation work program.

If project is not located along a state roadway:

Is sponsor or applicant willing to administer project using the Department's Local Agency Program (check one)

Yes ☒ No ☐

Status of sponsor/administrator's LAP certification: Currently certified ☒ Not certified ☐ Applied for certification & pending review ☐ Planning to apply for certification ☐
Other (explain)

Is resolution included with application? Yes ☒ No ☐

A copy of the adopted resolution showing sponsor's (board or council) approval and support of project should be included with this application. If other right-of-way owners are involved, their adopted resolutions should also be included.

* Signature

Steve Shafer
Name (Please print or type)

General Manager - UUPI
Title

1/10/23
Date

* This should be executed by person who has signatory authority for sponsor and is authorized to obligate services and funds for that entity (generally chairman of the board or council).

FDOT Transportation Alternatives Set-Aside Program

FUNDING APPLICATION

Submittal Date:

APPLICANT INFORMATION

Agency/Organization Name: City of Tallahassee - Underground Utilities & Public Infrastructure			
Agency Contact Name: Desiree Gorman	**Title:** Grants Specialist		
Mailing Address: 2602 Jackson Bluff Road	**City:**	**State:** FL	**Zip Code:** 32304
County: Leon	**MPO/TPO (if applicable):** Capital Regional Transportation Planning Agenc		
Telephone: 850-891-5509	**Email Address:** desiree.gorman@talgov.com		

CERTIFICATION OF PROJECT SPONSOR/IMPLEMENTING AGENCY SUPPORT:

Certification of project sponsor/implementing agency support is attached. ☑ Yes *(Required)*

PROJECT TYPE: ☑ **Infrastructure** ❑ **Non-infrastructure**

FDOT requires locally administered infrastructure projects be implemented by a LAP certified agency; Non-infrastructure projects do not require LAP certification. If the project applicant intends to administer the project but is not LAP certified at the time of application submittal, they may seek project-specific certification prior to project authorization if their application is selected, or they may partner with a LAP certified agency or with FDOT to serve as the project sponsor and implementing agency. Non-profit organizations are not eligible for LAP certification.

FOR INFRASTRUCTURE PROJECTS ONLY - APPLICANT'S LOCAL AGENCY PROGRAM (LAP) CERTIFICATION STATUS

- ☑ Currently fully LAP Certified / Year of Certification: 2022
- ❑ Not LAP Certified but will seek project-specific certification
- ❑ Not LAP Certified but project will be administered by the FDOT District
- ❑ Not LAP Certified but have secured a LAP Sponsor/Implementing Agency as identified below:

LAP Sponsor/Implementing Agency Name: City of Tallahassee			
LAP Sponsor/Implementing Agency Contact Name: Molly Levesque	**Title:** Manager, Capital Projects		
Mailing Address: 300 S. Adams Street, Box A-18	**City:**	**State:** FL	**Zip Code:** 32301
Telephone: 850-891-2862	**Email Address:** molly.levesque@talgov.com		

PROJECT INFORMATION

PROJECT NAME/TITLE: Paul Russell Road Sidewalk

ELIGIBLE TRANSPORTATION ALTERNATIVES PROJECT CATEGORY:

Please check the one Transportation Alternatives eligible project category that the proposed project will address. Checking more than one category does not ensure or increase eligibility. Additional guidance on eligible project activities is included in Appendix B of the FDOT TA Program Guidance.

1. ☑ Construction, planning and design of on and off-road facilities for bicyclists, pedestrians, and other forms of nonmotorized transportation (pedestrian and bicycle facilities)
2. ❑ Construction, planning and design of infrastructure-related projects/systems to provide safe routes for non-drivers including children, older adults, individuals with disabilities (safe routes for non-drivers)
3. ❑ Conversion and use of abandoned railroad corridors for non-motorized use
4. ❑ Construction of turnouts, overlooks, and viewing areas
5. ❑ Inventory, control or removal of outdoor advertising
6. ❑ Historic preservation and rehabilitation of historic transportation facilities
7. ❑ Vegetation management practices in transportation rights of way
8. ❑ Archaeological activities related to impacts from transportation projects
9. ❑ Environmental mitigation activities
10. ❑ Safe Routes to School

***NOTE:** *Safe Routes to School (SRTS) funding under Transportation Alternatives is separate from the FDOT SRTS Program; however, if FDOT SRTS Program funds are to be used on any phase of the project then the project will need to comply with the Florida SRTS program requirements. For more information, visit https://www.fdot.gov/safety/2A-Programs/Safe-Routes.shtm.*

PROJECT LOCATION:

Roadway name:* Paul Russell Road		
❑ **On-State System Road** (State Roadway)	☑ **Off-State System Road** (Local Roadway)	**Roadway number:** N/A (i.e. US, SR, CR, etc., if applicable)

***NOTE:** *For off-road/trail projects please indicate adjacent roadway*

PROJECT LIMITS:

If project has various locations (e.g. city-wide), include attachments specifying each termini and project length.

South or West Termini: Monday Road Street Name/Mile Post/Other	**North or East Termini:** Apalachee Parkway Street Name/Mile Post/Other
Project Length (in miles): 1.2	
Attachment included? ❑ Yes ☑ No	
A location map with aerial view is attached to this application. ☑ Yes *(Required)* *Label important features, roadways, etc. to clearly locate and show the boundaries of the project.*	

PROJECT DESCRIPTION:

Brief Description (1,000 character limit) (*e.g. planning, design and construction of a sidewalk along Sample Road)*

The project includes construction of a new sidewalk on the west side of Paul Russell Road from Monday Road to Apalachee Parkway. The work includes new sidewalk construction, driveway reconstruction, and replacement of the existing ditch in some areas with a closed storm drain system to allow for construction of the sidewalk. All sidewalk, curb ramps, driveway crossings, and side street crossing will be ADA compliant to current standards. See the attached detailed scope of work for additional information.

Detailed Scope of Work:

A detailed scope of work is attached. ☑ Yes *(Required)*

Clearly describe the existing conditions and the proposed project in detail, including specifics on the major items of work (e.g. width of sidewalks or trails, materials to be used, etc.), the purpose and need for this project, and the desired improvements.

Conceptual or design plans are attached. ☑ Yes ☐ No

Typical Section drawings are attached. ☑ Yes ☐ No

Other attachment (e.g. studies, documentation to support the project). ☐ Yes ☑ No

If yes, please describe (250 character limit):

PUBLIC INVOLVEMENT(500 character limit for each question below):

Has the applicant received input from stakeholders? Briefly explain: ☑ Yes ☐ No

Stakeholder input was solicited during the initial design design process, which included a public meeting. Additionally, citizens continue to request sidewalk construction along the corridor via the City's Digitally App and via the City's web page sidewalk request form. The project was also taken to and approved by the Canopy Road Citizens Advisory Committee since the project intersects St. Augustine Road, which is a designated Canopy Road.

Have public information or community meetings been held? ☑ Yes ☐ No

If yes, please provide a brief description and attach supporting documentation:

A community meeting was held during the initial project design June 7, 2016. An additional public meeting will be held as a part of the plans update process that the City will undertake with the design consultant.

Describe public and private support for the project *(e.g. petitions, endorsements, resolutions, letters of support):*

Paul Russell Road was #2 on the City of Tallahassee's Sidewalk Priority List before it went into the design phase. Additionally, there are many citizen requests for a sidewalk along Paul Russell via the City's Digitally App and via the City's web page sidewalk request form. Please see attached summaries of both included in this submittal. This project is identified in, and consistent with, the Tallahassee Leon County Bicycle/Pedestrian Master Plan (see attached documentation) City Commission supports the project per resolution approved on 1-26-22 and again on 2-8-23.

Is the project within limits of wetlands, contamination/hazardous waste areas or endangered/threatened species? ☑ Yes ☐ No

If Yes, specify and provide documentation:

Wetlands are adjacent to the project limits. There is little to no impact proposed. Permits will be required. See attached wetland location map showing the location of the adjacent wetlands.

Is environmental permitting required? ☑ Yes ☐ No

If Yes, specify and provide documentation:

Permitting through the City of Tallahassee will be required.
Environmental Impact Assessment Permit
Environmental Management Permit
Permits may be required from FDEP: Notice of Intent to Use the General Permit and USACE Nationwide Permit Authorization

Provide any additional project specific information that should be considered:

Minimal impacts to the 100 Year Flood Plain within the project limits
Minimal impacts to tree critical protection zones on adjacent canopy road will be mitigated

PROJECT IMPLEMENTATION

Please indicate the project phases included in this funding request:

- ☐ Planning activities
- ☐ Project Development and Environment Study (PD&E)
- ☐ Preliminary Engineering/Final Design
- ☐ Right-of-Way (ROW)
- ☑ Construction
- ☐ Construction Engineering and Inspection activities (CEI)

Please indicate who will execute the project phases identified for this project:*

Planning	PD&E	Preliminary Engineering/ Final Design	ROW	Construction	CEI
☐ Implementing agency staff	N/A	☐ Implementing agency staff	N/A	☐ Implementing agency staff	☑ Implementing agency staff
☐ Consultant	☐ Consultant	☑ Consultant	☐ Consultant	☑ Consultant	☐ Consultant
☐ FDOT	☐ FDOT	☐ FDOT	☐ FDOT	☐ FDOT	☐ FDOT
☑ Not applicable	☑ Not applicable	☐ Not applicable	☑ Not applicable	☐ Not applicable	☐ Not applicable

***NOTE:** *Local agencies are not eligible to be certified in PD&E and/or ROW (Refer to FDOT LAP Manual Chapters 11 and 12).*

Is this project related to other FDOT funded phases that are complete, underway, or in FDOT's 5-year Work Program?

☐ Yes ☑ No

If Yes, please describe. If previous phases of this project were constructed as LAP projects, please provide the associated FDOT Project Number (i.e. FPID/FMN numbers) (500 character limit):

Is there a proposed maintenance plan for when the project is complete? ☑ Yes ☐ No

If yes, please provide a brief description and attach supporting documentation as appropriate (500 character limit):

The sidewalk will be owned and maintained by the City of Tallahassee.

PROJECT RIGHT-OF-WAY / EASEMENT REQUIREMENTS

Is right-of-way acquisition proposed? ☐ Yes ☑ No

If yes, describe existing right-of-way (ROW) ownerships along the project, including when the ROW was obtained and how ownership is documented (i.e., plats, deeds, prescriptions, easements) (500 character limit). Attach ROW documentation as appropriate.

Also describe proposed acquisition including timeline, expected fund source, limitations on fund use or availability, and who will acquire and retain ownership of proposed right-of-way (500 character limit):

Will temporary construction easements be required? ☑ Yes ☐ No

If Yes, please describe (500 character limit):

License agreements for temporary construction easements were obtained throughout the corridor during the initial design process. These were completed following FDOT guidelines. The license agreements will be reviewed and revised as needed during the plans update process.

PROJECT COST ESTIMATE AND FUNDING REQUEST

ESTIMATED PROJECT COST:

A detailed project cost estimate is attached. ☑ Yes *(Required)*

Provide a summary of the estimated cost for the work being proposed, indicating local fund allocation as appropriate.

Project Phase	TA funds	Local funds	Total Cost
Planning Activities	$ 0	$ 0	$ 0
Project Development & Environmental Study (PD&E)	$ 0	$ 0	$ 0
Design Costs/Plan Preparation	$ 0	$ 96284	$ 96284
Environmental Assessment (s) associated with the design phase	$ 0	$ 5349	$ 5349
Permits associated with the design phase (including application fees, mitigation and permit acquisition work)	$ 0	$ 5349	$ 5349
Right-of-Way	$ 0	$ 0	$ 0
Construction	$ 650000	$ 1489638	$ 2139638
Construction Engineering and Inspection Activities (CEI)	$ 0	$ 385135	$ 385135
Other costs* (please describe)	$ 0	$ 0	$ 0
TOTAL ESTIMATED PROJECT COST	**$** 650000	**$** 1981755	**$** 2631755
PERCENT OF TOTAL PROJECT COST	25%	75%	**100%**

**FDOT does not allow programming for contingency costs. Any contingency costs should be accounted for using local funds.*

RESOLUTION NO. 23-R-03

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF TALLAHASSEE SUPPORTING A GRANT FUNDING APPLICATION TO THE CAPITAL REGIONAL TRANSPORTATION PLANNING AGENCY (CRTPA) AND FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) FOR TRANSPORTATION ALTERNATIVE (TA) FUNDS FOR THE PAUL RUSSELL ROAD SIDEWALK IMPROVEMENTS PROJECT.

WHEREAS, the FDOT awards grants to city government agencies for projects supported by the CRTPA that improve non-driver access to public transportation and enhance mobility, community improvement activities, and environmental mitigation; and

WHEREAS, the City of Tallahassee seeks to request funding for the construction of a sidewalk along Paul Russell Road.

NOW, THEREFORE, BE IT RESOLVED BY THE City Commission of the City of Tallahassee:

1. That the Commission approves and supports the grant funding application to the CRTPA and FDOT for the Paul Russell Road Sidewalk Improvement Project.

2. The City Manager, or his designee, is authorized to accept the grant award and execute all documents associated with this funding request.

ADOPTED by the City Commission of the City of Tallahassee this 8th day of February, 2023.

SEAL OF THE CITY OF TALLAHASSEE
INCORPORATED
A.D.1840

CITY OF TALLAHASSEE

By:______________________
John E. Dailey
Mayor

ATTEST:

By:______________________
James O. Cooke, IV
City Treasurer-Clerk

APPROVED AS TO FORM:

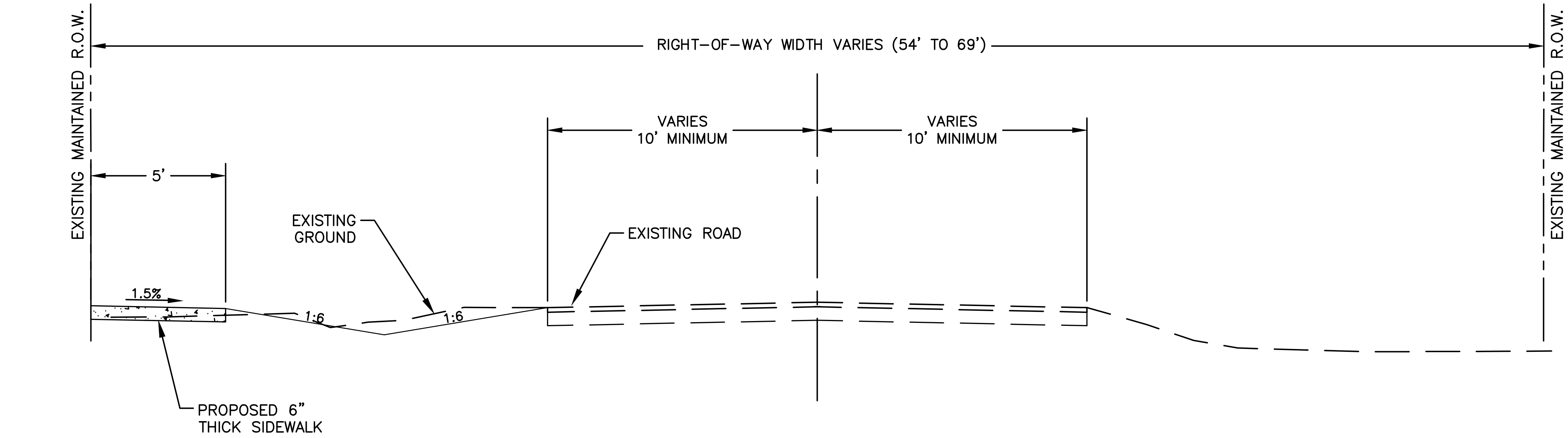
By:______________________
Cassandra K. Jackson
City Attorney

Paul Russell Road Sidewalk Improvements

Transportation Alternative Program

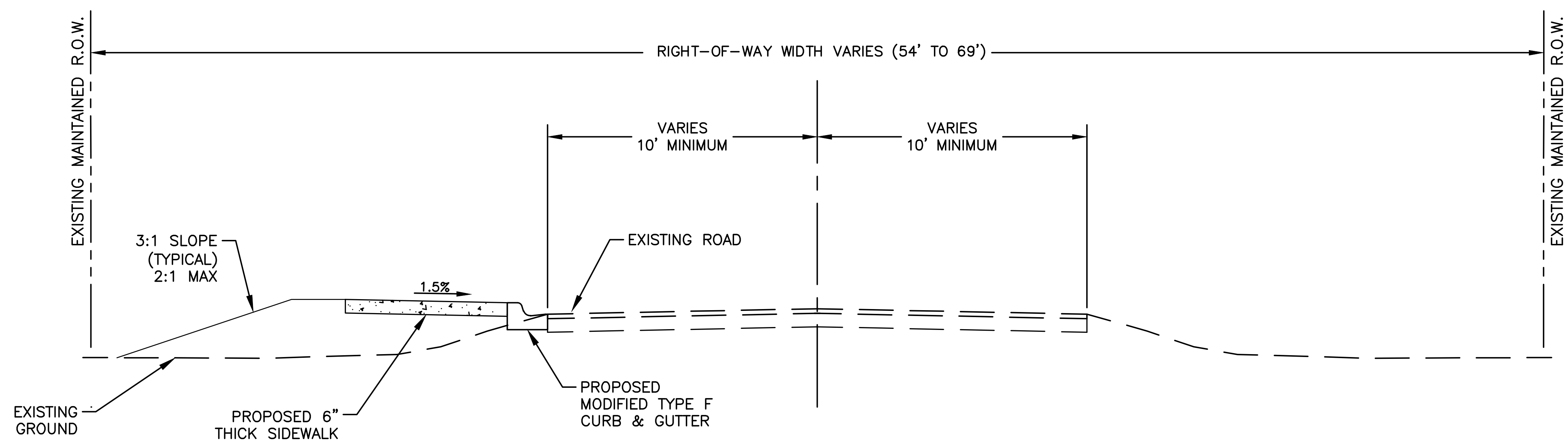
Grant Application Exhibit

CITY OF TALLAHASSEE



OFFSET SIDEWALK TYPICAL SECTION

6' WIDE SIDEWALK



SIDEWALK TYPICAL SECTION

6' WIDE SIDEWALK

ENGINEER OF RECORD
MOLLY LEVESQUE
P.E. NO.
SIGNATURE
DATE

REVISIONS

DESCRIPTION	DATE	BY
1		
2		
3		
4		
5		

PROJECT
PAUL RUSSELL ROAD
SIDEWALK

SHEET
TYPICAL SECTIONS

PREPARED BY
CITY OF
TALLAHASSEE
UNDERGROUND UTILITIES AND
PUBLIC INFRASTRUCTURE

DATE	12-22-2021
DRAWN	JS
DESIGNED	
CHECKED	ML
JOB No.	

SHEET 1

N:\Capital\Sidewalk Priorities\CRTPA TA Set-Aside 2022\Typical Section\TYPICAL SECTIONS.dwg, SISK, JOE, 2/11/2022 3:50 PM

February 11, 2022

Re: Paul Russell Road

To Whom It May Concern:

The City of Tallahassee Underground Utilities & Public Infrastructure Department is in the process of designing a sidewalk along Paul Russell Road from Monday Road to Apalachee Parkway. Paul Russell Road was initially owned and maintained by Leon County. In 1970 and 1980, the city annexed areas of land that contained Paul Russell Road, thereby transferring ownership to the City of Tallahassee. A right-of-way map exists that defines Paul Russell Road from St. Augustine Road to Apalachee Parkway. A formal right-of-way map has not been found that covers the portion of Paul Russell Road from St. Augustine Road to Monday Road. According to legal descriptions and the existing monumentation of the adjacent parcels along this portion of roadway, it has been determined that a public roadway has existed in the location of Paul Russell Road for many years. Parent deeds of these adjacent parcels reference a less and except for a public roadway. After further investigation, the files located within the city survey section, specifically the street center maps, depict Paul Russell Road as a City owned and maintained roadway in its current location. These street center maps have been used previously by the city surveying department to identify ownership of roadways.

We are currently in the process of rendering a maintenance/right-of-way map for the portion of Paul Russell Road from Old St. Augustine Road to Monday Road based on the existing monumentation of adjacent deeds that reference this as a public roadway. It is my opinion that Paul Russell Road is a public roadway that originated with conveyance to Leon County and subsequently was annexed into the city limits of Tallahassee, Florida.

Thank you,

Robert D. Roddenberry, PSM,
Land Surveyor, Public Infrastructure Engineering,
Underground Utilities and Public Infrastructure,
City of Tallahassee,
Office: 850-891-2883; Cell: 850-694-3204
Bobby.Roddenberry@talgov.com

Leon County

Board of County Commissioners

301 South Monroe Street, Tallahassee, Florida 32301
(850) 606-5300 www.leoncountyfl.gov

LEON COUNTY PUBLIC WORKS
Leon County Public Works Center
2280 Miccosukee Road – 2nd Floor
Tallahassee, Florida 32308
850 / 606-1500

January 7, 2022

To Whom It May Concern,

Leon County Public Works has been notified of the City of Tallahassee Paul Russell Road Sidewalk Project. Molly Levesque, P.E. with the City of Tallahassee Underground Utilities & Public Infrastructure Department has coordinated with Leon County Public Works about the city's planned sidewalk improvements along the west side of Paul Russell Road, a city-maintained road. The proposed sidewalk will cross Old St. Augustine Road, which is owned and maintained by Leon County. Leon County Public Works has no objection to the work proposed by the city and is currently working with an engineering consultant to add a sidewalk along Old St. Augustine Road. The proposed sidewalk on Old St. Augustine Road will connect to the proposed Paul Russell Road sidewalk.

Sincerely,

Charles Wu

Charles Wu, P.E.
County Engineer and Director of Engineering Services

CW/rkt

BOOK 177

DEED 177 PAGE 193

THIS INDENTURE, Made and entered into this 28 day of October, A. D. 1954, between ENNIS R. BASS and LINDA B. BASS, his wife, NELS P. HANSEN and MARIE H. HANSEN, his wife; GLENN F. ATKINSON and BLANCHE YOUNIS ATKINSON, his wife, all of Tallahassee, Leon County, Florida; and PAUL S. BAUER and WINIFRED K. BAUER, his wife, of 5134 Third Street North, Arlington, Virginia, parties of the first part, and LEON COUNTY, a political subdivision of the State of Florida, party of the second part.

W I T N E S S E T H:

That the said parties of the first part, for and in consideration of the sum of One Dollar and other valuable consideration to each of them in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, have granted, bargained, sold and conveyed unto the said party of the second part, all of their right, title and interest in and to the following described real estate, situate, lying and being in the County of Leon, State of Florida, and more particularly described as follows, to-wit:

A right of way for public road 60 feet in width lying 30 feet on either side of the following described center line: Begin at a point in the center line of the St. Augustine Public Road 30 feet West of the East line of Section 5, Township 1 South, Range 1 East, and run thence Northerly along a line 30 feet West of and parallel to the East line of said Section 5 a distance of 545.73 feet, thence with an angle to the right of 4 degrees 17 minutes 30 seconds run Northeasterly a distance of 203.02 feet to a point 15 feet West of the Northeast corner of the Southeast quarter, same being the Southeast corner of the Northeast quarter of said Section 5, thence with an angle to the left of 7 degrees 48 minutes run Northerly along a line 15 feet West of and parallel to the East line of the Northeast quarter of said Section 5 a distance of 231.2 feet, thence with an angle to the left of 6 degrees 12 minutes run Northwesterly a distance of 235.05 feet to a point 55 feet West of the East line of the Northeast quarter of said Section 5, thence with an angle to the right of 6 degrees 12 minutes run Northerly along a line 55 feet West of and parallel to the East line of said Section 5 a distance of 525 feet, more or less, to the center line of State Road No. 20 and the end of the aforesaid right of way.

51830

Nov 9 9 51 AM

CIRCUIT COURT LEON COUNTY, FLORIDA

FLORIDA 10 CENTS

J. LEWIS HALL ATTORNEY AT LAW TALLAHASSEE, FLORIDA

PAGE 193

D.B. 177, P. 193
PAUL RUSSELL ROAD
(ST. AUGUSTINE ROAD - APALACHEE PKWY.)

SECTION 5
1S 1E

9-27-93 ABE

DEED 177 PAGE 194

The foregoing described property is conveyed to Leon County for right-of-way and public road purposes and in the event the same is abandoned by said County or used for any other purpose, then and in such event such property shall revert to and become the property of grantors, their heirs and assigns.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

Signed, sealed and delivered in the presence of:

Betty Atkinson

Jean B. Edmund
As to Ennis R. Bass and Linda B. Bass; Nels P. Hansen and Marie H. Hansen; Glenn F. Atkinson and Blanche Younis Atkinson

Wilburn F. Jarvis

Clara M. Jarvis
As to Paul S. Bauer and Winifred K. Bauer

Ennis R. Bass
Ennis R. Bass (SEAL)

Linda B. Bass
Linda B. Bass (SEAL)

Nels P. Hansen
Nels P. Hansen (SEAL)

Marie H. Hansen
Marie H. Hansen (SEAL)

Glenn F. Atkinson
Glenn F. Atkinson (SEAL)

Blanche Younis Atkinson
Blanche Younis Atkinson (SEAL)

Paul S. Bauer
Paul S. Bauer (SEAL)

Winifred K. Bauer
Winifred K. Bauer (SEAL)

J. LEWIS HALL ATTORNEY AT LAW TALLAHASSEE, FLORIDA

STATE OF FLORIDA
COUNTY OF LEON

I hereby certify that on this day personally appeared before me, the undersigned authority, ENNIS R. BASS and LINDA B. BASS, his wife; NELS P. HANSEN and MARIE H. HANSEN, his wife; and GLENN F. ATKINSON and BLANCHE YOUNIS ATKINSON, his wife, well known to me and known to me to be the persons described inand who executed the foregoing instrument, and acknowledged before me jointly and severally that they executed the same freely and voluntarily for the uses and purposes therein expressed.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this 28 day of October, A. D. 1954.

Betty Atkinson
Notary Public

Notary Public, State of Florida at large
My commission expires Nov. 4, 1957.
Bonded by American Surety Co. of N. Y.

STATE OF VIRGINIA
COUNTY OF Arlington

I hereby certify that on this day personally appeared before me, the undersigned authority, PAUL S. BAUER and WINIFRED K. BAUER, his wife, well known to me and known to me to be the persons described in and who executed the foregoing instrument, and acknowledged before me, jointly and severally, that they executed the same freely and voluntarily for the uses and purposes therein expressed.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal this 18 day of October, A. D. 1954.

M. Woodrow Tucker
Notary Public

My Commission Expires:__________

J. LEWIS HALL ATTORNEY AT LAW TALLAHASSEE, FLORIDA

R/W TAKING
SE COR. ST. AUGUSTINE & PAUL RUSSELL

Parcel 011.1
Date 2-27-89

QUIT CLAIM DEED

OR1445PG1956

THIS INDENTURE made this 18th day of January, A.D. 1990, between Jerry E. Powell and Betty J. Powell, his wife, as parties of the first part and LEON COUNTY, a political subdivision of the State of Florida, as party of the second part.

WITNESSETH: That the said parties of the first part, for and in consideration of the sum of One Dollar and other valuable considerations, paid, receipt of which is hereby acknowledged, do hereby remise, release, quit claim and convey unto the party of the second part, its successors and assigns, all right, title, interest, claim, and demand which the parties of the first part have in and to the following described land, situate, lying and being in the County of Leon, State of Florida to-wit:

SEE EXHIBIT "A"
attached hereto and made a part hereof

TO HAVE AND TO HOLD THE SAME, together with all singular appurtenances thereto belonging or in anywise incident or appertaining, and all the estate, right, title, interest, and claim whatsoever of the said parties of the first part, in law or in equity, to the only proper use, benefit, and behoof of the said party of the second part, its successors and assigns, forever.

LEON COUNTY 3394007
STATE OF FLORIDA DOCUMENTARY STAMP TAX
DEPT. OF REVENUE
P.B. 10521 JUL 23 '90
= 12.10

1016053
RECORDED IN THE PUBLIC RECORDS OF LEON CO. FLA.
JUL 23 2 20 PM '90
PAUL F. HARTSFIELD
CLERK OF CIRCUIT COURT

THIS INSTRUMENT PREPARED BY
JAMES C. PILCHER RIGHT-OF-WAY AGENT
LEON COUNTY PUBLIC WORKS.

Parcel 011.1
Date 2-27-89

EXHIBIT "A"

OR1445PG1958

Commence at the Southwest corner of Section 4, Township 1 South, Range 1 East, Leon County, Florida, thence North 89 degrees 16 minutes 46 seconds West 40.01 feet, thence North 00 degrees 43 minutes 14 seconds East 1,720.13 feet, thence South 89 degrees 16 minutes 46 seconds East 20.85 feet to the POINT OF BEGINNING.
From said POINT OF BEGINNING continue thence North 00 degrees 01 minutes 09 seconds East 131.25 feet, thence South 69 degrees 50 minutes 58 seconds East 59.43 feet, thence South 00 degrees 14 minutes 25 seconds West 2.15 feet, thence North 69 degrees 52 minutes 19 seconds West 31.61 feet to a point of curve to the left, thence along said curve having a radius of 15 feet through a central angle of 109 degrees 24 minutes 27 seconds for an arc distance of 28.64 feet, chord of said curve being thence South 55 degrees 25 minutes 27 seconds West 24.48 feet, thence South 00 degrees 43 minutes 14 seconds West 44.00 feet, thence South 05 degrees 02 minutes 12 seconds West 61.86 feet to the POINT OF BEGINNING.

IN WITNESS WHEREOF, said parties of the first part have hereunto set their hands and seals the date first above written.

OR1445PG1957

Signed, sealed and delivered
in the presence of:

______________________ Witness

______________________ Witness

______________________ Witness

______________________ Witness

______________________ (Seal)
Jerry E. Powell

______________________ (Seal)
Betty J. Powell

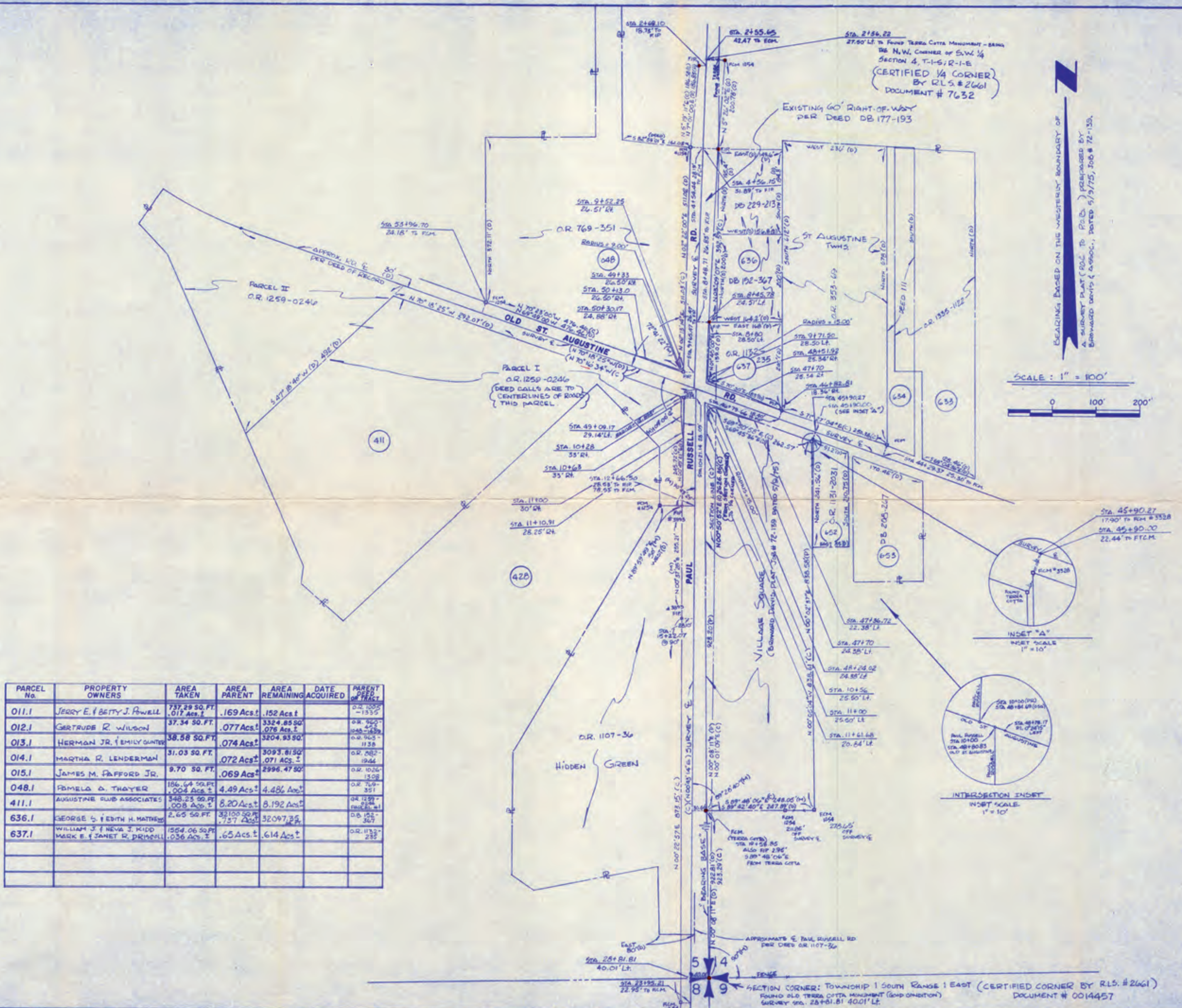
STATE OF FLORIDA
COUNTY OF LEON

I hereby certify that on this 18th day of January, 1990 before me personally appeared the undersigned authority, Jerry E. Powell and Betty J. Powell, his wife, well known to me and known to me to be the persons described and who executed the foregoing instrument, acknowledged before me that they executed the same.

WITNESS my hand and official seal this 18th day of January, 1990.

____
Notary Public
NOTARY PUBLIC STATE OF FLORIDA
MY COMMISS[illegible] 19,1992
BONDED [illegible] INS. UND.

JOAN E. HER[illegible]
NOTARY
PUBLIC
STATE OF FLORIDA



PARCEL No.	PROPERTY OWNERS	AREA TAKEN	AREA PARENT	AREA REMAINING	DATE ACQUIRED	PARENT DEED OR TRACT
011.1	JERRY E. & BETTY J. POWELL	737.29 SQ. FT. .017 Acs. ±	.169 Acs. ±	.152 Acs. ±		O.R. 1005-1335
012.1	GERTRUDE R. WILSON	37.34 SQ. FT.	.077 Acs. ±	3324.85 SQ. .076 Acs. ±		O.R. 960-463 945-1639
013.1	HERMAN JR. & EMILY GUNTER	38.58 SQ. FT.	.074 Acs. ±	3204.93 SQ.		O.R. 963-1138
014.1	MARTHA R. LENDERMAN	31.03 SQ. FT.	.072 Acs. ±	3093.81 SQ. .071 ACS. ±		O.R. 882-1944
015.1	JAMES M. PAFFORD JR.	9.70 SQ. FT.	.069 Acs. ±	2996.47 SQ.		O.R. 1026-1308
048.1	PAMELA A. THAYER	186.64 SQ. FT. .004 Acs. ±	4.49 Acs. ±	4.486 Acs. ±		O.R. 769-351
411.1	AUGUSTINE CLUB ASSOCIATES	348.25 SQ. FT. .008 Acs. ±	8.20 Acs. ±	8.192 Acs. ±		O.R. 1259-0246 PARCEL #1
636.1	GEORGE S. & EDITH H. MATTHEWS	2.65 SQ. FT.	32100 SQ. FT. .737 Acs. ±	32097.35 SQ. FT.		D.B. 192-367
637.1	WILLIAM J. & NEVA J. KIDD MARK E. & JANET R. DRISCOLL	1564.06 SQ. FT. .036 Acs. ±	.65 Acs. ±	.614 Acs. ±		O.R. 1132-235

CERTIFICATION:

This certification is made exclusively to the Board of County Commissioners of Leon County Florida.

I HEREBY CERTIFY that to the best of my knowledge and belief, the right of way monumentation as shown and depicted on this drawing, consisting of sheets 1 thru 2, is a true, accurate and complete depiction of a field survey performed under my direction and completed on 1/10/88. I further certify that said drawing is in compliance with the Minimum Technical Standards for specific purpose surveys as set forth by the Florida Board of Land Surveyors pursuant to Section 472.027 Florida Statutes.

Date

Broward D. Wilkes
Registered Land Surveyor
Florida Cert. No. 2698
3401 W. Tharpe Street
Tallahassee Florida 32303

NOT VALID UNLESS SIGNED AND SEALED

Filed for record in the office of the Clerk of the Circuit Court for the County of LEON, State of Florida, in Map Book ______ Page ______ on the ____ day of __________ A.D. 19____.

MAP NOTES:

SOURCES OF INFORMATION:
Deeds of Record; Survey Plats by Broward Davis & Assoc.- Job #'s 72-139 dated 5/9/75 and 71-252 dated 4/6/76.

FCM denotes Found Concrete Monument.
FIP denotes Found Iron Pin/Pipe.

(D) denotes Deed Call
(M) denotes Field Measured Call
(C) denotes Calculated Call
(P) denotes Plat Call

Date of Field Survey — 1/10/88.

All ties to the Survey Centerline are at 90 degrees unless otherwise noted

This surveyor has not been provided a current title opinion or abstract of matters affecting title to the subject properties. It is possible there are deeds of record, unrecorded deeds, easements or other instruments which could affect the boundaries.

This controlled survey based on existing monumentation.

SPECIFIC PURPOSE SURVEY

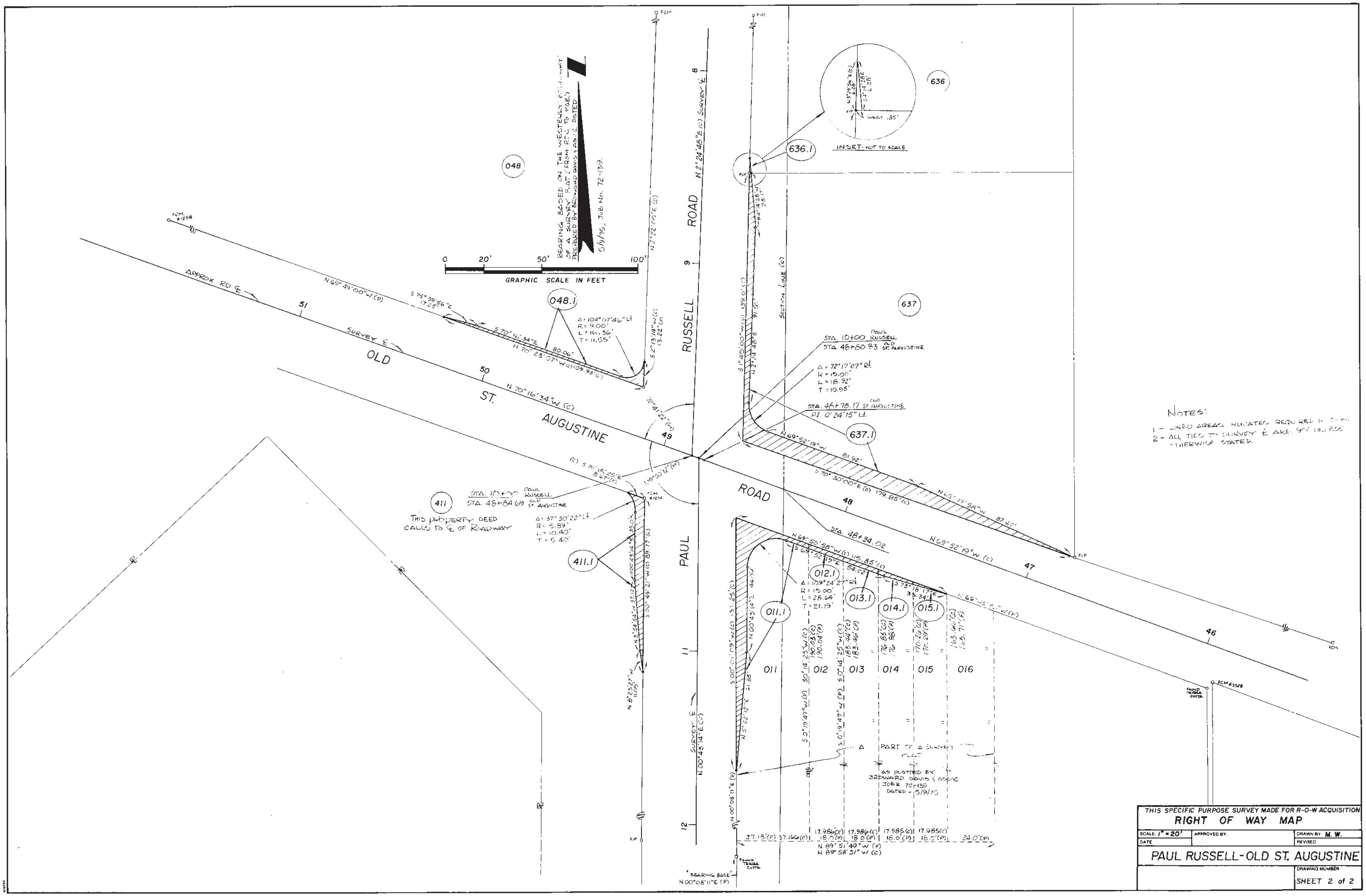
RIGHT OF WAY MAP
THIS SPECIFIC PURPOSE SURVEY MADE FOR R-O-W ACQUISITION

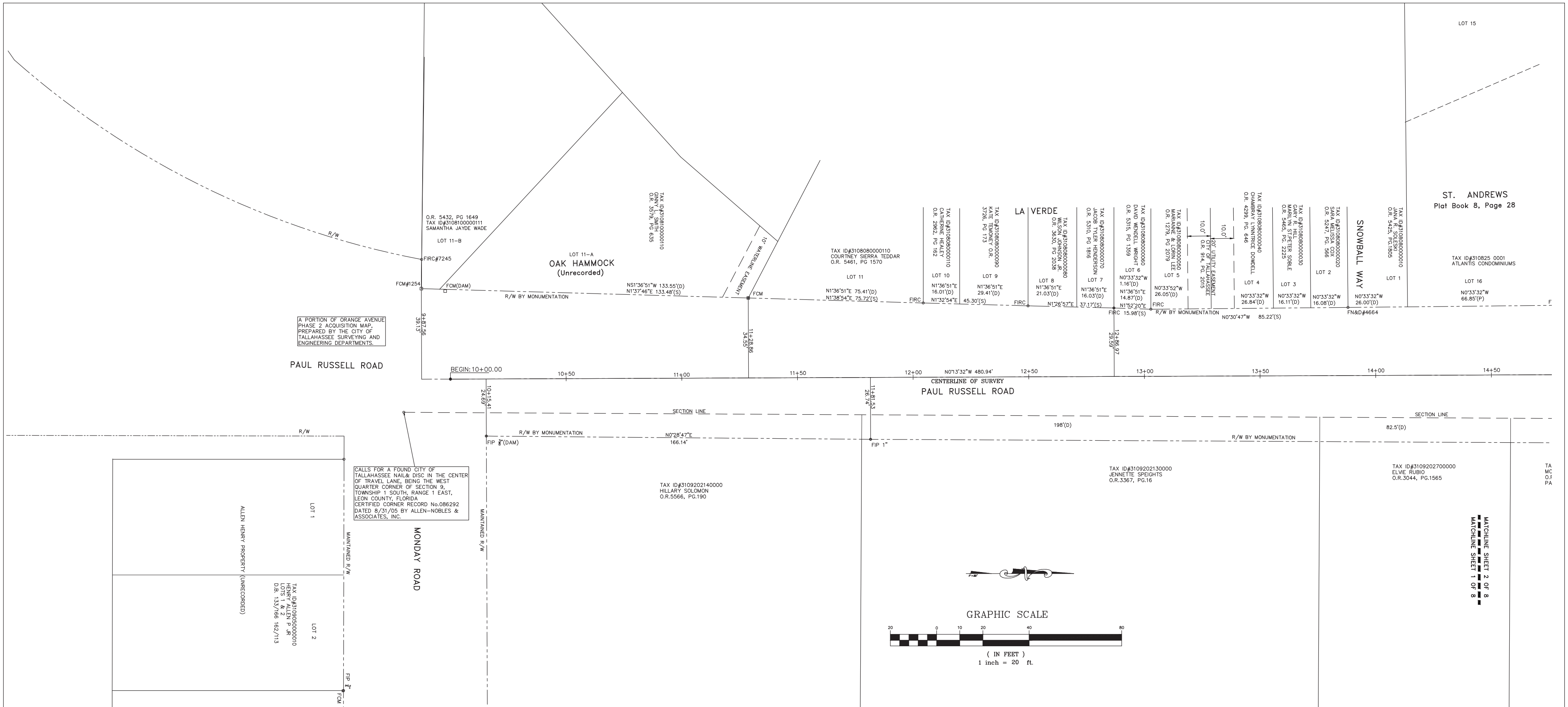
PAUL RUSSELL / OLD ST. AUGUSTINE
A C.I.P. PROJECT # 5638

DATE 1 /89 | APPROVED BY | DRAWN BY M.W.
REVISED | | CHK. BY

LEON COUNTY PUBLIC WORKS DEPARTMENT
3401 W. THARPE STREET
TALLAHASSEE, FLORIDA 32303
SHEET 1 of 2

CSB: 237-87


THIS SPECIFIC PURPOSE SURVEY MADE FOR R-O-W ACQUISITION
RIGHT OF WAY MAP
SCALE: 1" = 20'
APPROVED BY:
DRAWN BY: M. W.
DATE
REVISED
PAUL RUSSELL-OLD ST. AUGUSTINE
DRAWING NUMBER
SHEET 2 of 2
BEARING BASED ON THE WESTERLY R/W LINE OF A SURVEY PLAT (FROM RD. TO PARK) PREPARED BY BROWARD DAVIS & ASSOC. DATED 5/9/75, JOB No. 72-139.
GRAPHIC SCALE IN FEET
0
20'
50'
100'
PAUL RUSSELL ROAD
OLD ST. AUGUSTINE ROAD
APPROX RD ℄
SURVEY ℄
SECTION LINE (C)
N 2°24'48"E (C) SURVEY ℄
N 70°16'34"W (C)
N 69°52'19"W (C)
N 69°49'00"W (P)
INSERT - NOT TO SCALE
Notes:
1 - LINED AREAS INDICATES REQUIRED R/W
2 - ALL TIES TO SURVEY ℄ ARE 90° UNLESS OTHERWISE STATED.
STA. 10+00 PAUL RUSSELL
STA. 48+80.83 OLD ST. AUGUSTINE
STA. 48+78.17 OLD ST. AUGUSTINE
PI. 0°24'15" Lt.
STA. 48+34.02
STA. 48+84.69 OLD ST. AUGUSTINE
THIS PROPERTY DEED CALLS TO ℄ OF ROADWAY
PART OF A SURVEY PLAT AS PLOTTED BY BROWARD DAVIS & ASSOC. JOB # 72-139 DATED - 5/9/75
048
048.1
636
636.1
637
637.1
411
411.1
011
011.1
012
012.1
013
013.1
014
014.1
015
015.1
016
BEARING BASE N 00°08'11"E (P)
N 89°51'49"W (P)
N 89°58'31"W (C)



LEGEND

C.O.T. = City of Tallahassee
TLC = Tallahassee–Leon County
F.D.O.T.= Florida Department of Transportation
F.A.C. = Florida Administrative Code
G.P.S. = Global Positioning System
L.B.# = License Business Number
R.L.S. = Registered Land Surveyor
R/W = Right–of–Way
P.C.C. = Point of Compound Curvature
P.R.C. = Point of Reverse Curvature
P.C. = Point of Curvature
P.I. = Point of Intersection
P.T. = Point of Tangency
P.O.C. = Point of Commencement
P.O.B. = Point of Beginning
O.R. = Official Record Book
PG. = Page
D.B. = Deed Book
P.B. = Plat Book
R.P.B. = Road Plat Book
BM = Bench Mark
T.B.M. = Temporary Bech Mark
T.C.E. = Temporary Construction Easement
CM = Concrete Monument
FCM = Found Concrete Monument
FTCM = Found Terra Cotta Monument
FCMLC = Found Concrete Monument–Leon County
SRCCTPRM = Set C.O.T. Permanent Reference Monument

FCMSRD = Found Concrete Monument Florida Department of Transportation
FN&D = Found nail and disc
FNC = Found nail and cap
FIP = Found iron pipe– open
FIRC = Found iron rod and cap
FCIP = Found crimped iron pipe
FRCCTPC = Found C.O.T. Rebar & Property Corner Cap
FRCCTSP = Found C.O.T. Rebar & Survey Point Cap
FRCCTPRM = Found C.O.T. Permanent Reference Monument
FRCCTRW = Found C.O.T. Rebar & Right of Way Cap
SRCCTPC = Set C.O.T. Rebar & Property Corner Cap
SRCCTSP = Set C.O.T. Rebar & Survey Point Cap
SRCCTPRM = Set C.O.T. Permanent Reference Monument
FOC = Fiber Optic Cable
FO–SPBOX = Fiber Optic Splice Box
OHE = Overhead Electric Line
GUY = Electric Guy Pole
LP = Light pole
SP = Service pole
GP = Guy pole
PP = Power pole

SEC.– = Section
TWN.– = Township
RNG.– = Range
(D) = Information taken from Deed
(S) = Survey Field Measurement
(C) = Calculated Measurement
(P) = Record Plat Information
D = Central Angle or Delta
R = Radius
T = Tangent
L = Length
CH=Chord Bearing and Distance
CL = Centerline
PL = Propprty Line
BL = Base Line of Survey
EOP = Edge of Pavement
HW–CC = Concrete Headwall
CONC. DW = Concrete Driveway
ASPH. DW = Asphalt Driveway
DIRT DW = Dirt Driveway
GRAVEL DW =Gravel Driveway
APPROX. = Approximate
ESMT = Easement
FND. = Found
LF = Linear Feet
No. = Number
PROP.= Proposed
SN– = Sign
SN–STOP = Stop Sign
SN–STMN = Street Sign

PTRSHP= Partnership
REF. = Reference
REQ'D = Required
STA. = Station
S.F. = Square Feet
AC± = Acreage more or less
C&G = Curb and Gutter
FFE = Finished Floor Elevation
S/W = Sidewalk
MB = Mailbox
TMH = Telephone Manhole
TPED = Telephone Pedestal
T–VAULT = Telephone Vault
TELRPTR = Telephone Repeater
TP = Telephone Pole
CVP = Cable Television Pole
CVPED = Cable Television Pedestal
SSHM = Sanitary Sewer Manhole
SSCO = Sanitary Sewer Cleanout
FN–CL = Chain Link Fence
FN–WD = Wooden Fence
FN–WD = Wooden Fence
FN–WI = Wire Fence
FN–COR = Fence Corner
BFP = Backflow Preventer
WM = Water Meter
WV = Water Valve
FH = Fire Hydrant
SN–CMBS = Commercial Business Sign
SN–HANCAP–PRK = Handicapped Parking Sign

NOTE:

PRELIMINARY COPY

NOT VALID UNLESS SIGNED AND SEALED BY CITY OF TALLAHASSEE LAND SURVEYOR.

GENERAL NOTES:

1. Bearings are based upon the State Plane Coordinate System, Florida North Zone, U.S. Feet, North American Datum 1983 (NAD 83)
2. All measurements shown hereon are in U.S. Survey Feet unless otherwise
3. The Right of Way for Paul Russell Road is based on found existing Monumentation and City of Tallahassee street center maps.
4. The Baseline of survey was determined by the City of Tallahassee Surveying
5. All Station and Offset ties refer to the Centerline of Baseline of Paul Russell Road unless other wise noted.
6. Information for this survey is based on deed instruments as recorded in Public Records of Leon County, Florida. And Survey data by the City of Tallahassee.
7. Improvements shown represent a good faith effort in locating those visible above ground improvements. There may be additional improvements unintentionally not identified.

RIGHT–OF–WAY CONTROL SURVEY CERTIFICATION

THIS SURVEY CERTIFIED ONLY TO THE CITY COMMISSION OF TALLAHASSEE, FLORIDA.

I hereby certify that this Right–of–Way Control Survey was made for the specific purpose of surveying, referencing and mapping the NEW right–of–way of FAMU WAY, and that said survey meets the Standards of Practice as set forth by the Florida Board of Professional Land Surveyors in Chapter 5J–17 Florida Administrative Code, pursuant to Section 472.027, Florida Statues.

ROBERT D. RODDENBERRY, PSM.
City of Tallahassee Land Surveyor.
Professional Surveyor and Mapper
Florida Registration No.6307

This Survey Map is not valid without the Signature and the Original Raised Seal of the signing Florida Licensed Surveyor and Mapper.

	INITIAL	DATE	NO.	BY	REVISIONS	DATE
FIELD BOOK						
DRAWN BY	GRM	12-30-2021				
SURVEYED BY	CR	12-30--2021				
CHECKED BY	GRM\RR					
SCALE: 1"=20'						

CITY OF TALLAHASSEE

UNDERGROUND UTILITIES
AND
PUBLIC INFRASTRUCTURE

PROJECT
Paul Russell Road

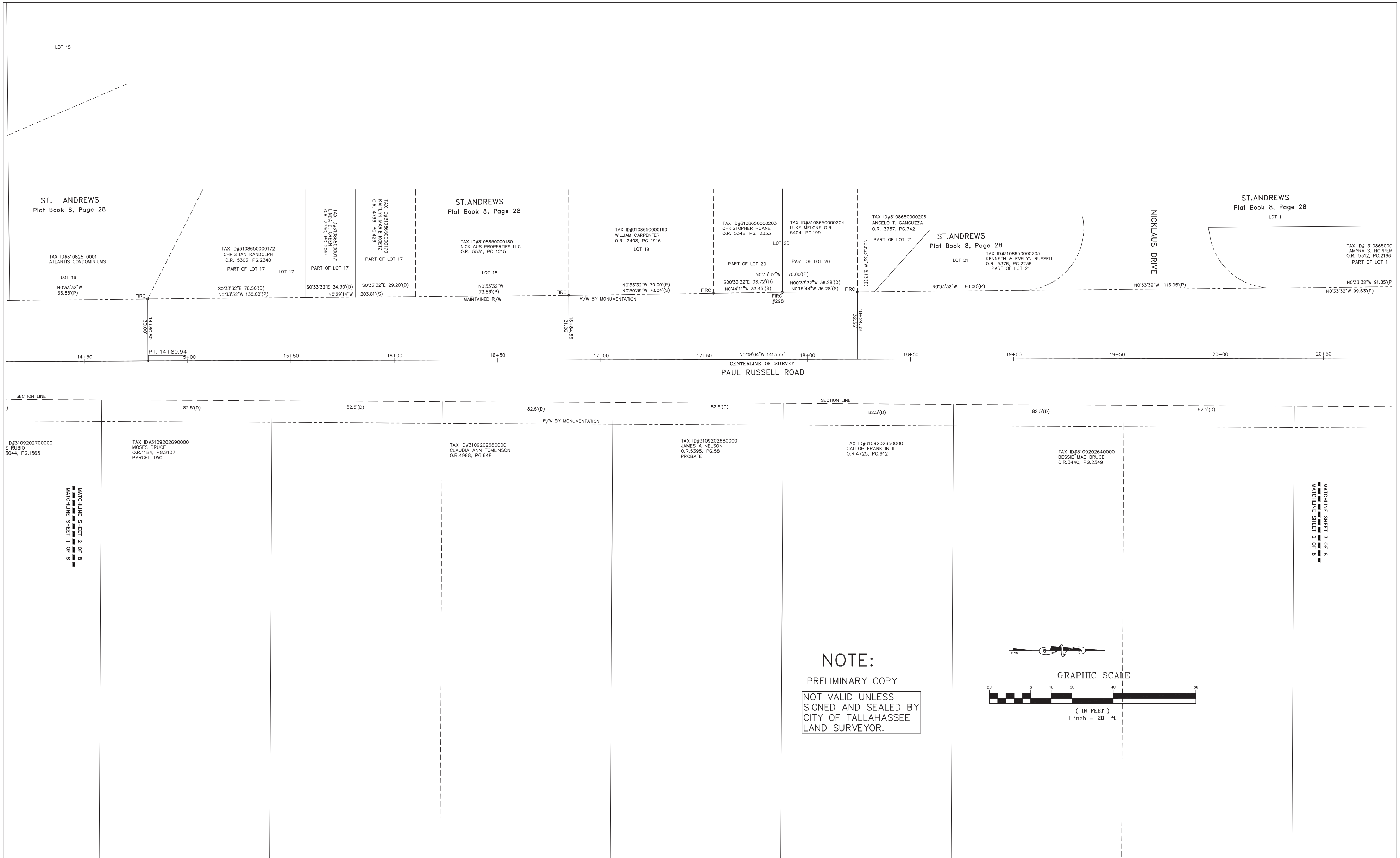
SHEET TITLE
Right of Way Map

FILE N:\Capital\Survey\Surveys 2021
PROJECT NO.

Robert D. Roddenberry,PSM
City of Tallahassee Land Surveyor
Professional Surveyor and Mapper
Florida Registration No.6307

Not Valid Unless Signed & Bearing Embossed Seal

SHEET 1 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES AND PUBLIC INFRASTRUCTURE

PROJECT: Paul Russell Road

SHEET TITLE: Right of Way Map

FILE N:\Capital\Survey\Surveys 2021

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City of Tallahassee
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Professional Surveyor and Mapper
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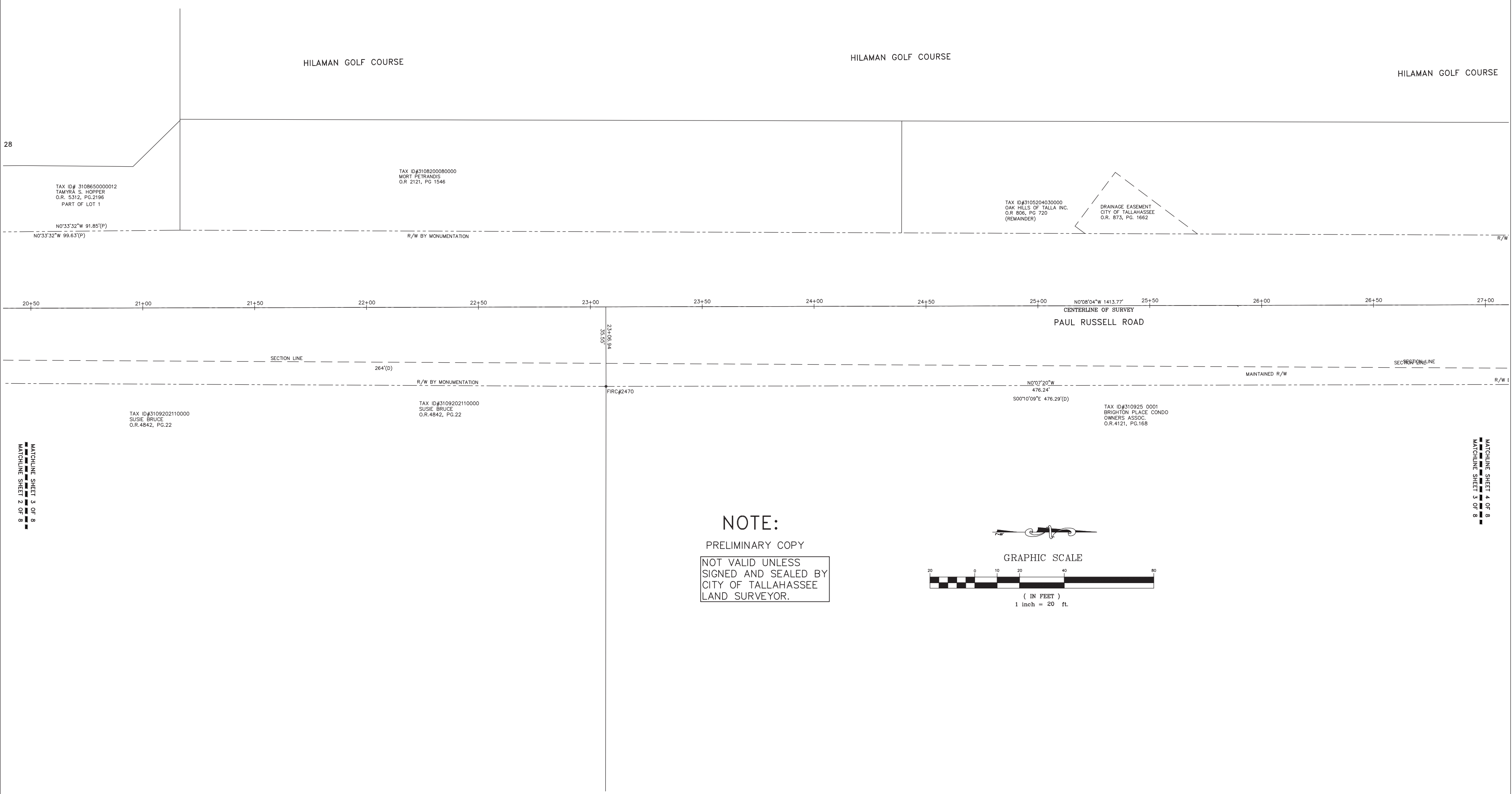
SHEET 2 OF 8



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SCALE: 1"=20'						

CITY OF TALLAHASSEE

UNDERGROUND UTILITIES
AND
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PROJECT
Paul Russell Road

SHEET TITLE
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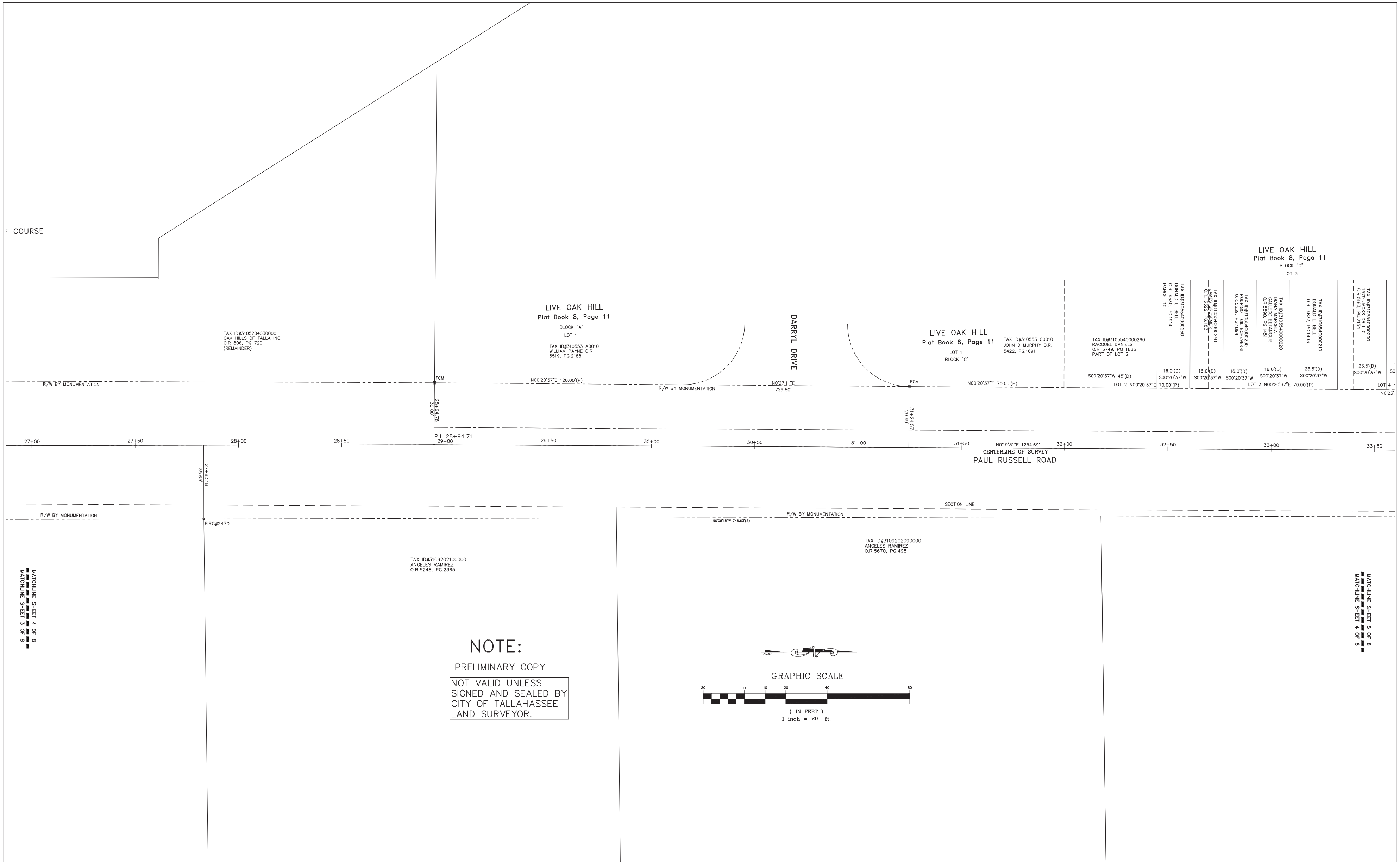
SHEET 3 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES AND PUBLIC INFRASTRUCTURE

PROJECT
Paul Russell Road

SHEET TITLE
Right of Way Map

FILE N:\Capital\Survey\Surveys 2021

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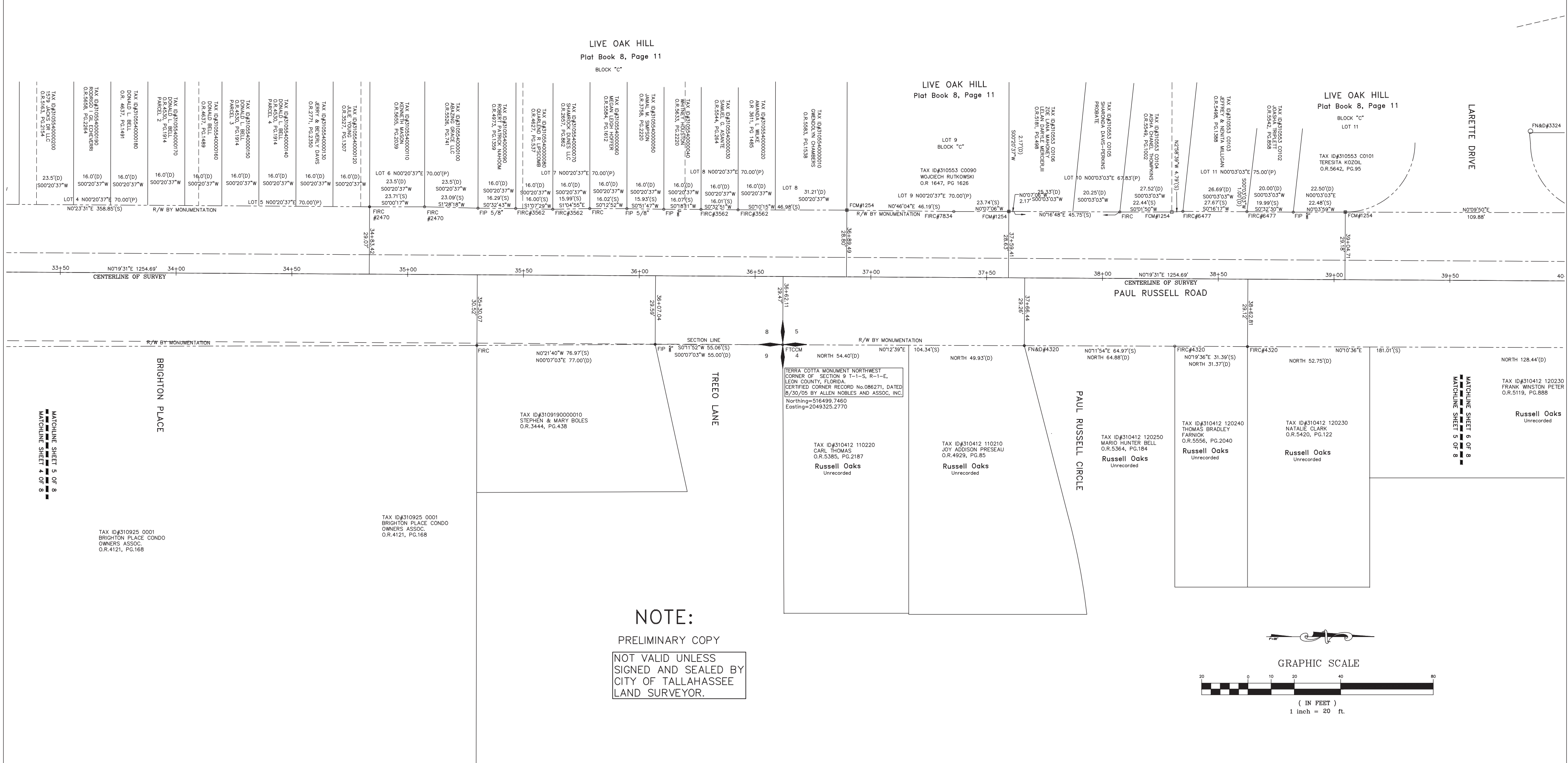
SHEET 4 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES AND PUBLIC INFRASTRUCTURE

PROJECT: Paul Russell Road

SHEET TITLE: Right of Way Map

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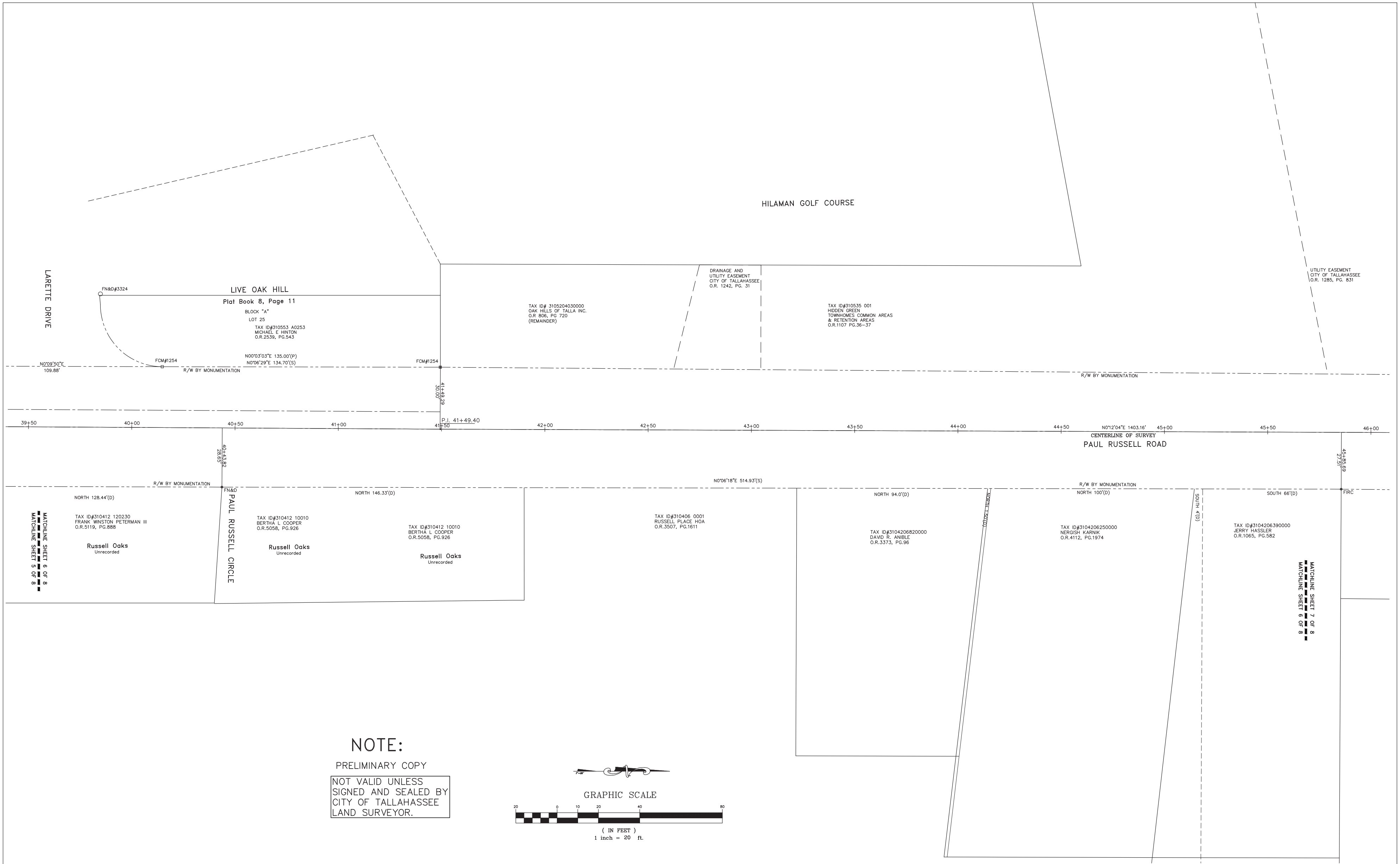
SHEET 5 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES
AND
PUBLIC INFRASTRUCTURE

PROJECT
Paul Russell Road

SHEET TITLE
Right of Way Map

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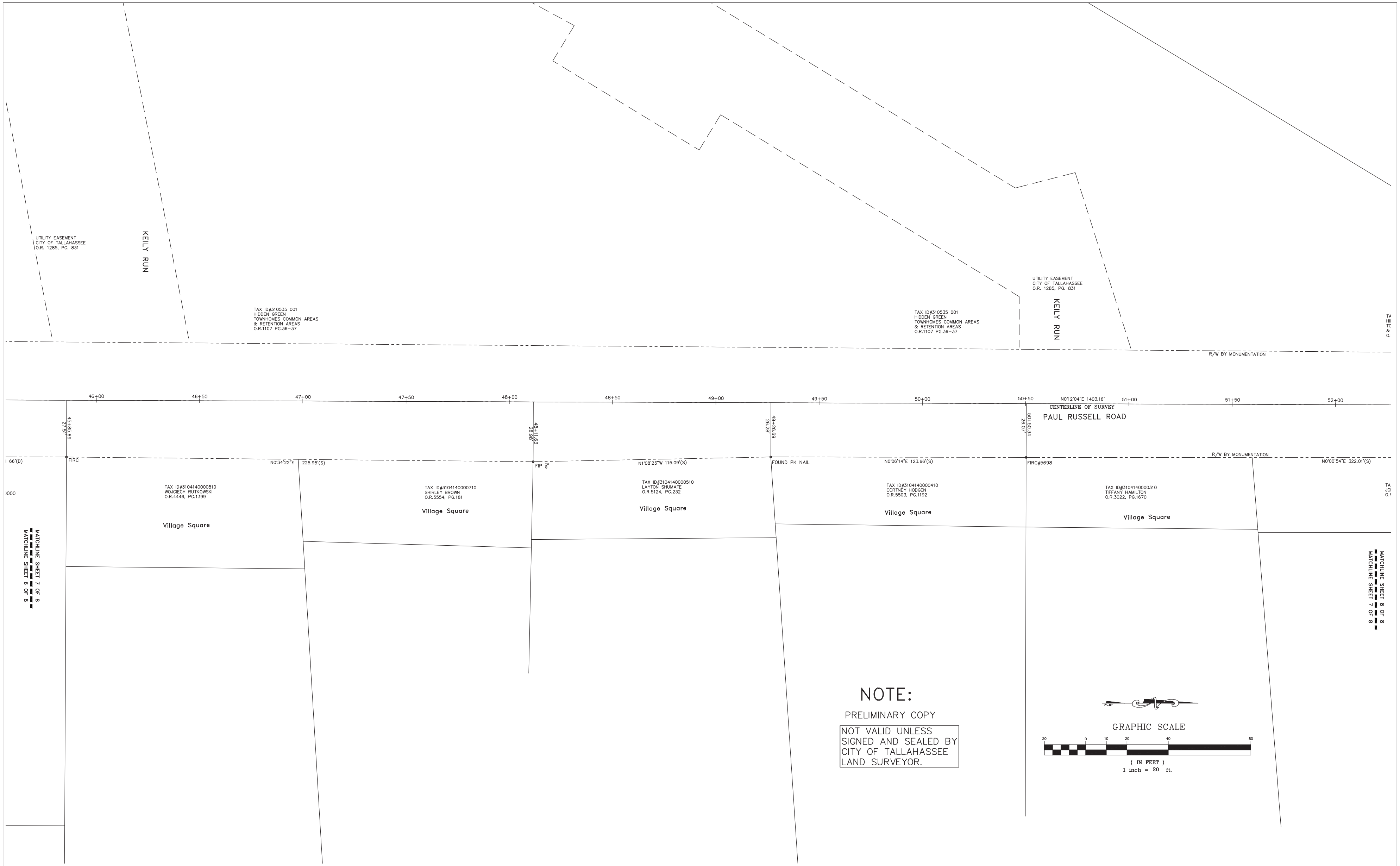
SHEET 6 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES
AND
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PROJECT
Paul Russell Road

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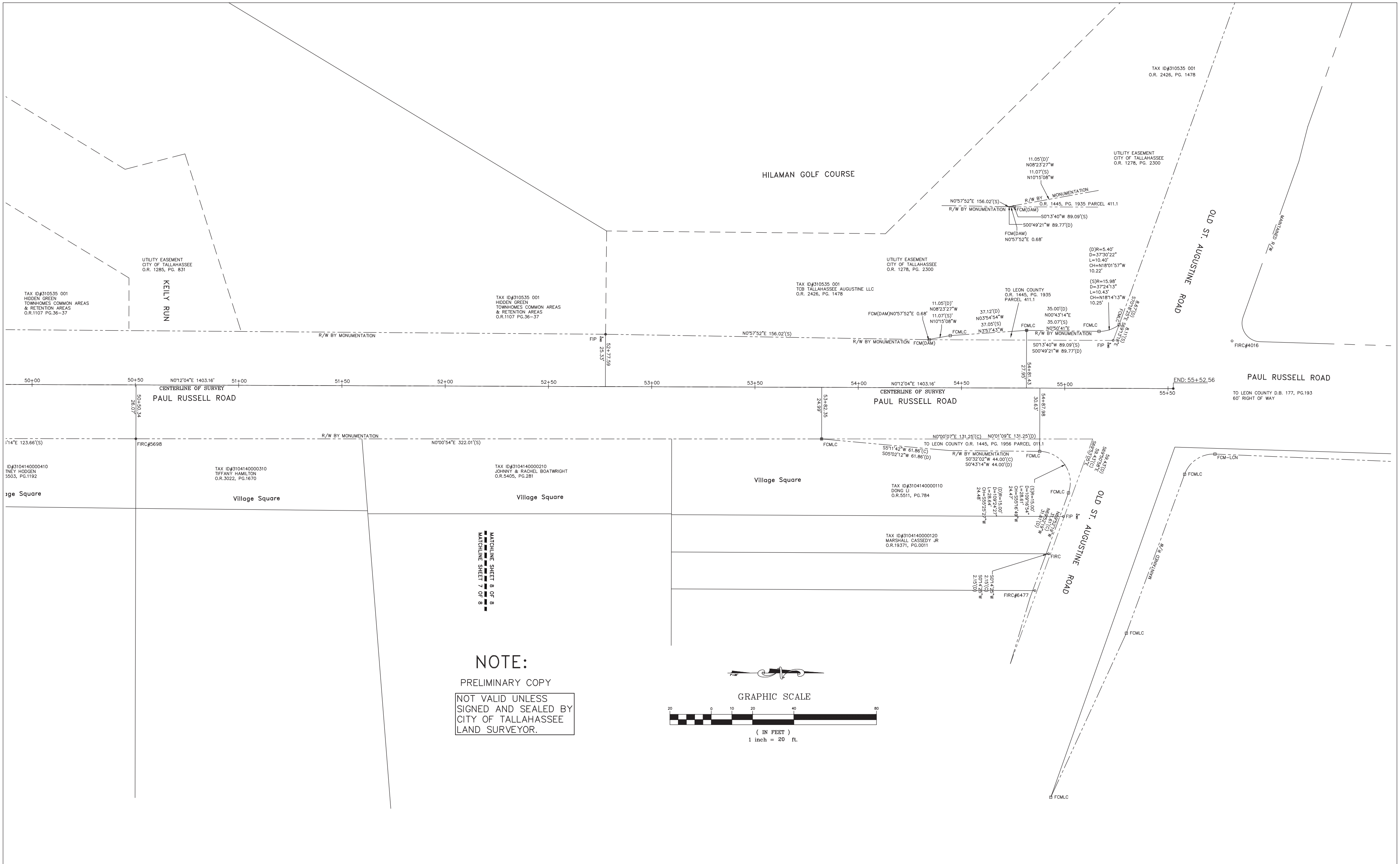
SHEET 7 OF 8



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CITY OF TALLAHASSEE

UNDERGROUND UTILITIES AND PUBLIC INFRASTRUCTURE

PROJECT
Paul Russell Road

SHEET TITLE
Right of Way Map

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PROJECT NO.

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City of Tallahassee
Land Surveyor
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SHEET 8 OF 8

Construction Cost Estimate

Paul Russell Road Sidewalk Improvements (From Monday Road to Apalachee Parkway)

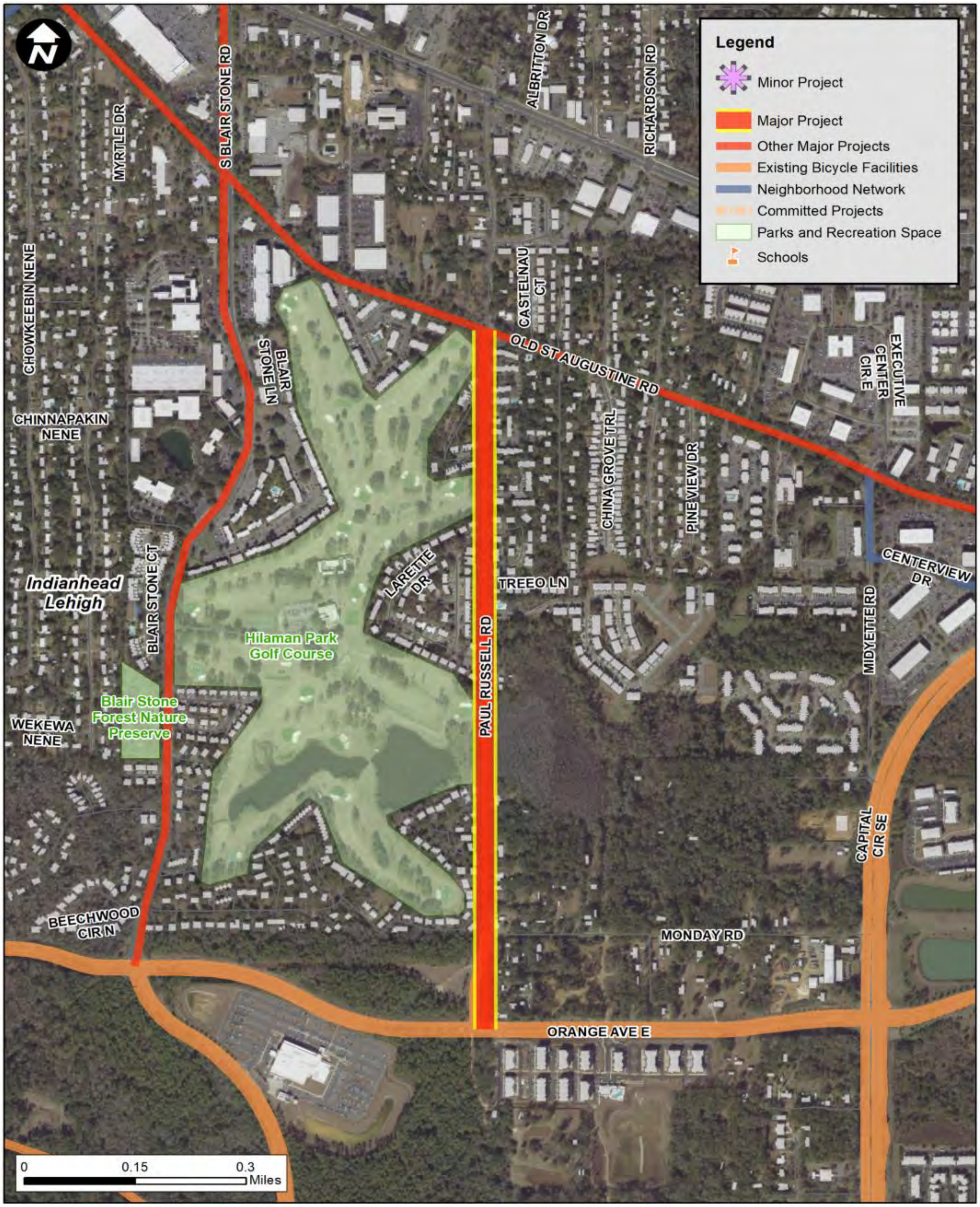
Item No.	Description of Item	Bid Quantities	Unit	Unit Prices	Extended Prices
104-13	Sediment Barrier	5500	LF	$ 7.00	$ 38,500.00
104-18	Inlet Protection System	26	EA	$ 200.00	$ 5,200.00
110-1-1	Clearing and Grubbing	3.5	AC	$ 20,000.00	$ 70,000.00
102-1	Tree Protection Barricade	1500	LF	$ 8.00	$ 12,000.00
120-1	Regular Excavation	960	CY	$ 10.00	$ 9,600.00
120-4	Borrow Excavation	400	CY	$ 15.00	$ 6,000.00
120-6	Embankment	1487	CY	$ 10.00	$ 14,870.00
425-1-311	Inlets, Curb, Type P-1, (<10)	15	EA	$ 8,000.00	$ 120,000.00
425-1-311	Inlets, Curb, Type P-2, (<10)	6	EA	$ 8,000.00	$ 48,000.00
425-2-61	Manhole, P-8, <10'	2	EA	$ 7,000.00	$ 14,000.00
425-5	Adjust Manhole	2	EA	$ 3,000.00	$ 6,000.00
430-175-118	Pipe Culvert, Optional Material, Round, 18" S/CD	1272	LF	$ 90.00	$ 114,480.00
430-175-124	Pipe Culvert Optional Material, (24")	1183	LF	$ 120.00	$ 141,960.00
430-175-130	Pipe Culvert Optional Material, (30")	200	LF	$ 130.00	$ 26,000.00
430-175-136	Pipe Culvert Optional Material, (36")	940	LF	$ 160.00	$ 150,400.00
425-15-21	Inlets, DBI, Type "C", <10'	2	EA	$ 4,000.00	$ 8,000.00
430-982-148	Mitered End Sect, Optional RD, 18" CD	2	EA	$ 2,000.00	$ 4,000.00
400-03-13	Concrete Class NS (Gravity Wall)	250	CY	$ 900.00	$ 225,000.00
515-2-311A	Pedestrian/Bicycle Railing, Aluminum Only, 42" Type 1	60	LF	$ 200.00	$ 12,000.00
520-1-8	Concrete Curb & Gutter, Type F (Modified 18")	5500	LF	$ 35.00	$ 192,500.00
522-1	Concrete Sidewalk and Driveways, 4" Thick	4000	SY	$ 80.00	$ 320,000.00
522-2	Concrete Sidewalk and Driveways, 6" Thick	333	SY	$ 100.00	$ 33,300.00
575-1-2	Performance Turf, Sod	10000	SY	$ 10.00	$ 100,000.00
700-1-11	Single Post Sign, F&I Ground Mount, Up to 12 SF	6	EA	$ 650.00	$ 3,900.00
700-1-50	Single Post Sign, Relocate	6	EA	$ 300.00	$ 1,800.00
711-11-121	Thermoplastic, Standard, White, Solid, 6"	6000	LF	$ 5.00	$ 30,000.00
711-11-123	Thermoplastic, Standard, White, Solid, 12" For Crosswalk and Roundabout	200	LF	$ 10.00	$ 2,000.00
711-11-125	Thermoplastic, Standard, White, Solid, 24" For Stop Line and Crosswalk	100	LF	$ 12.00	$ 1,200.00
711-11-221	Thermoplastic, Standard, Yellow, Solid, 6"	200	LF	$ 5.00	$ 1,000.00
				Sub-Total	**$ 1,711,710.00**
999-25	CONSTRUCTION CONTINGENCY - 10%		LS		$ 171,171.00
101-1	MOBILIZATION - 5%		LS		$ 85,585.50
102-1	MAINTENANCE OF TRAFFIC - 10%		LS		$ 171,171.00
				Construction Total	**$ 2,139,638**

Engineering and Final Plan Preparation - 5% (Plans Update)				96,284
Permitting (Plans Update)				5,349
Environmental Assessment (Plans Update)				5,349
Construction Engineering and Inspection Activities - 18%				385,135

Project Total	**$**	**2,631,754.13**

Major Project: Paul Russell Road

Apalachee Parkway to Orange Ave.



Tier III Major Project

Major Project: Paul Russell Road

Project Description

This section of Paul Russell Road provides a north-south connection between a major project on Old St. Augustine Road and existing sidewalks and bicycle facilities on Orange Avenue. There are no sidewalks along Paul Russell Road from Old St. Augustine Road to Monday Road. Sidewalks are present on the corridor from Monday Road to Orange Avenue. Bicycle facilities on Paul Russell Road include sharrows and signage, indicating that bicyclists may use the full lane until the intersection with Monday Road, where on-street bicycle lanes begin and continue to Orange Avenue. Despite offering some facilities, Paul Russel Road north of Monday Road has an inadequate bicycle comfort level for accommodating different types of bicyclists.

Project Details

Project Length: 1.00 miles
Next Steps: Feasibility Study
Proposed Improvements: Multi-use Path
Special Considerations: Right of way constraints need to be determined and coordination with existing planning projects

Project Costs

Feasibility Study Cost Estimate: $15,000

Planning Level Construction Costs Estimate Range (with 20% contingency):

$360,000—$1,200,000

Planning Consistency

N/A

Goal Satisfaction

SAFETY MULTIMODAL EQUITY CONNECTIVITY HEALTH

Paul Russell Road Sidewalk Request Website Summary

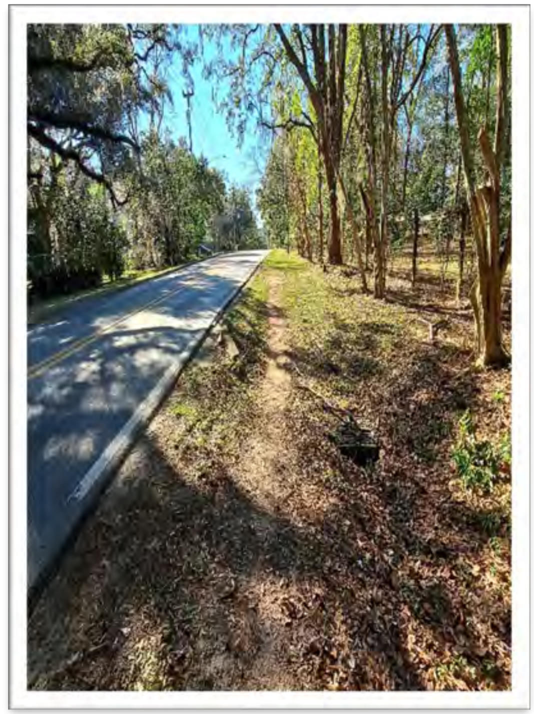
Request Date	Request
12-27-2021	Paul Russell Road- There is a fair amount of pedestrian traffic, often elderly, who use the nearby bus stop. Either side of the road has little shoulder, so folks often walk in the road itself, even at night. There are also no street lights-- it is a miracle no one has been hit. Since S. Paul Russell is a long, straight road, drivers often speed on this road as well and have had several accidents. It is a fairly dangerous street, especially for anyone walking in the road.
11-1-2021	Paul Russell Road- There are bits and pieces of sidewalk along this street and then it suddenly ends. This street has a bus stop and is frequented by children - but it’s incredibly unsafe. There are no shoulders in several places and cars drive exceptionally fast. There needs to be a safe route connecting these areas.
9-30-2021	Paul Russell Road- People walk on Paul Russell frequently to get from higher density residential areas on Old St. Augustine to commercial areas on the Parkway (Aldi's, Target, Whataburger etc.) There is plenty of room for sidewalk and it basically flat. There is no other sidewalk between Old St. Augustine Apalachee between Blairstone and Koger Center.
8-1-2020	Paul Russell Road- Inquiries were made over 10 years ago. It also appears it might have been studied, but nothing got done. Realizing the impact it has had on my kids and myself. Realizing we don't walk from the house, nor can the kids ride bikes, it's just too dangerous.
5-7-2020	Paul Russell Road and Jim Lee Road- A need for a sidewalk is OVER due. Kids are in danger of walking to school from this area when cars are coming around a deep crub which is blind for us. You will not see anyone walking or running or even riding a ride because of this issue. I have lived in this area for over 5 years and seen many kids nearly hit by cars. Please move this to the top of your list due to the safely of the kids and people. thanks.
8-13-2019	Paul Russell Road -Sandra uses a motorized scooter to get around. She has requested a sidewalk to be put in at St. Augustine Rd and Paul Russel. The ditches are too steep for her scooter and the traffic is moving too fast – she feels unsafe.

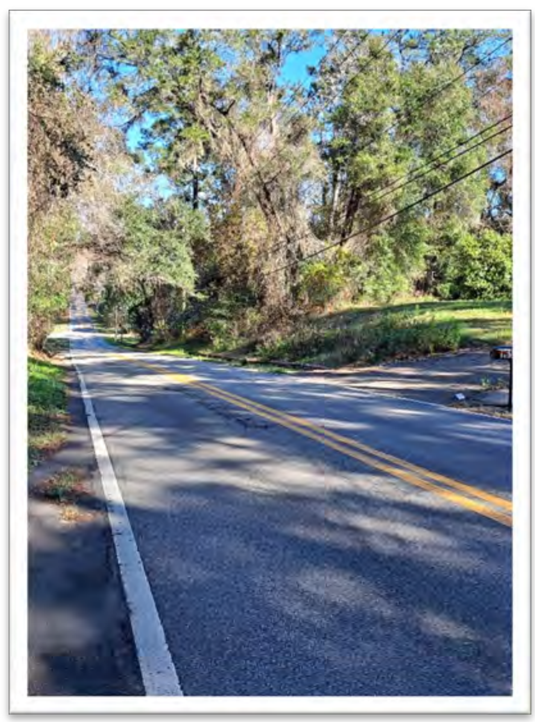
Paul Russell Road Sidewalk Request DigiTally Summary

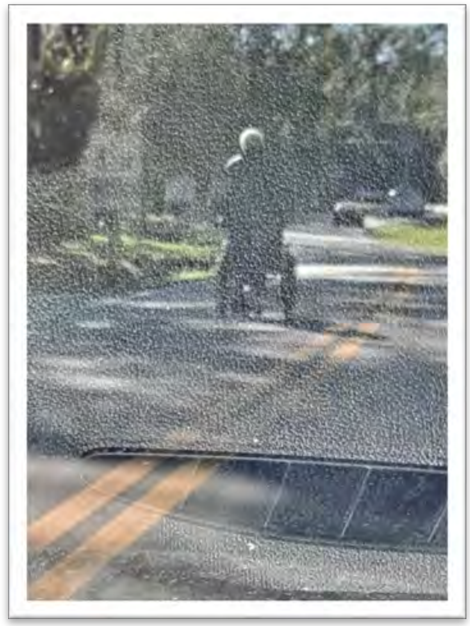
DigiTally #	Request Date	Request
1074569	7-28-2015	From Old St. Augustine Rd to Orange Ave. on Paul Russell Rd. is an incredibly dangerous area for pedestrians. This street is heavily used by pedestrians, and you must walk down to Old St. Augustine to even get to the bus stop. There are very steep ditches on both sides of the road and no where for pedestrians to safely walk. I would like to request sidewalks, or some measure to ensure more safety measures for the many pedestrians that use this section of road everyday, myself being one of them. Thank you.
2526145	4-12-2017	Citizen would like to see if COT will install sidewalks on Paul Russell Rd, from Monday Road to Old Saint Augustine. He said kids walk that are having to walk in the street due to no sidewalks. Customer would like to be contacted if this is either in planning or if it can be scheduled.
3730803	2-2-2018	Customer is requesting to have sidewalks installed along Paul Russell Rd. They feel that the area is in need of these sidewalks because of the safety to the children that walk along this road. The deep ditches are dangerous for the children and are hazards to their safety
6815113	9-23-2019	Requesting sidewalk installment along Paul Russell Rd.

SAFETY

The city is applying for a Transportation Alternatives Project Set-Aside for the construction of a sidewalk within the Paul Russell Road transportation corridor from Monday Road to Apalachee Parkway (U.S. 27). This 1.2-mile sidewalk project is located along a minor collector roadway. Currently, pedestrians are using the unimproved shoulder, existing drainage swales and in some places the roadway to traverse this corridor. (See photo right). In some areas there are existing drainage structures in the pedestrian pathway (see photo below) that are difficult to see in the daylight hours and nearly impossible to see after dark. In addition, one individual was seen utilizing a wheelchair along the corridor as shown in the picture below, The project would greatly increase pedestrian safety with the addition of a sidewalk. The proposed sidewalk includes curb and gutter with adjacent 6-foot-wide sidewalk in some locations and a 5-foot-wide sidewalk offset from the road behind the existing ditch in other locations. Marked crosswalks are proposed at all side street intersections. Because Paul Russell Road accommodates bus routes for four (4) Leon County Schools, Apalachee Elementary, Conley Elementary, Fairview Middle School, and Rickards High School, this sidewalk will allow safe travel for of all ages to school bus stops along the corridor. In addition, this corridor is within walking distance to both Fairview Middle school and Rickards High School, so this sidewalk will provide a safe walking route to schools as well. With the commercial corridor at the north end of the project and the presence of the City of Tallahassee Star Metro bus stops, this project will increase pedestrian safety for many additional users.







CONNECTIVITY

The proposed sidewalk will provide a vital link for multimodal transportation opportunities by providing a safe connection to Orange Avenue, Old St. Augustine Road, and Apalachee Parkway and their associated bus routes. The Red Hills Route, which runs along Old St. Augustine Road, has two stops at the Paul Russell Road intersection and provides access to Downtown Tallahassee, the Koger Center, and the Market District area, which is north of I-10. The Southwood Route, which runs along Apalachee Parkway, provides access to Downtown Tallahassee, Koger Center, and the Southwood area including the State of Florida Satellite Office Complexes. Both routes include access to the downtown C.K. Steele Plaza where routes from all over the city converge for transfers and provide access to most City bus routes.

This project, or a portion thereof, is included in the Tallahassee Leon County Bicycle and Pedestrian Master Plan (TLCBPMP) as a Tier III Major project. This project would provide pedestrian connectivity to existing pedestrian facilities on the southern end of the project at Monday Road and along Orange Avenue. It would also provide connection to another project included in the TLCBPMP, the Tier 1 Major Project-Old St. Augustine Road. This Leon County project is currently in design and proposes to add a sidewalk from Lafayette Street to Capital Circle Southeast.

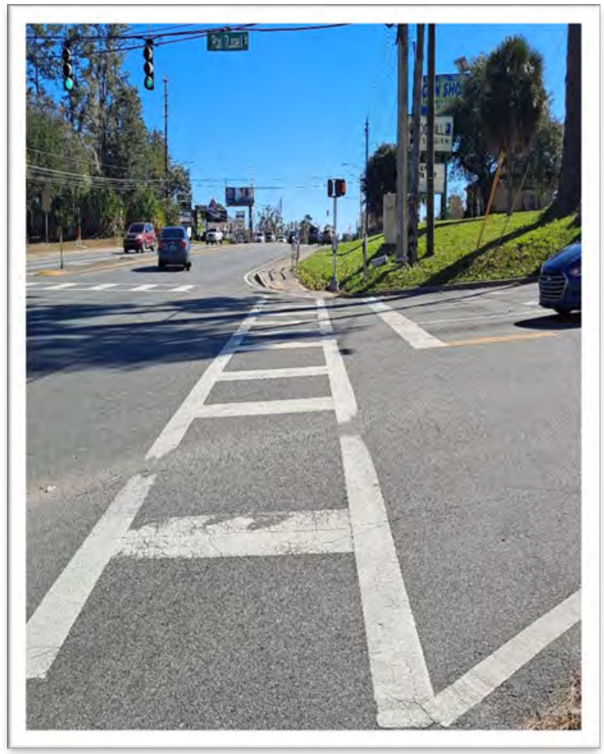
Another project that will enhance the connectivity of this Paul Russell Road Sidewalk project is the future extension of this roadway corridor which will occur in two segments. One segment is from Orange Avenue southward to Blair Stone Road and the second is from Blair Stone Road southward to Tram Road. Both of these extensions of the roadway would include pedestrian and bicycle facilities and provide connectivity to pedestrian and bicycle facilities already in place on Orange Avenue and Blair Stone Roads and to future pedestrian and bicycle facilities planned for Tram Road.

ACCESSIBILITY

The surrounding area is generally a working class mid to lower income area with small single family detached homes, multifamily homes, and townhouse communities. The corridor is anchored on the north by commercially zoned properties, on the east by various residential properties, and on west by open space and residential properties. The current zoning along the corridor includes:

CP	Commercial Parkway
MR-1	Medium Density Residential
OR-3	Office Residential District
OS	Open Space
R-3	Single Detached, Attached and Two Family Residential
R-4	Single, Two and Multi-Family Residential
R-5	Manufactured Home and Single Family Residential

The area on Apalachee Parkway at Paul Russell Road is zoned CP, Commercial Parkway. South of the CP zone and north of Old ST. Augustine Road is zoned OR-3. South of Old St. Augustine Road, the zoning is a mix of MR-1, R-3, R-4 and R-5. The south end of the project at Orange Avenue, provides access to the VA Clinic and Activity Centers along Capital Circle. With all the residential areas situated between these two anchors, it seems likely that the sidewalk would provide pedestrian accessibility for residents who work within walking distance of their employer as well as residents desiring an alternative type of transportation

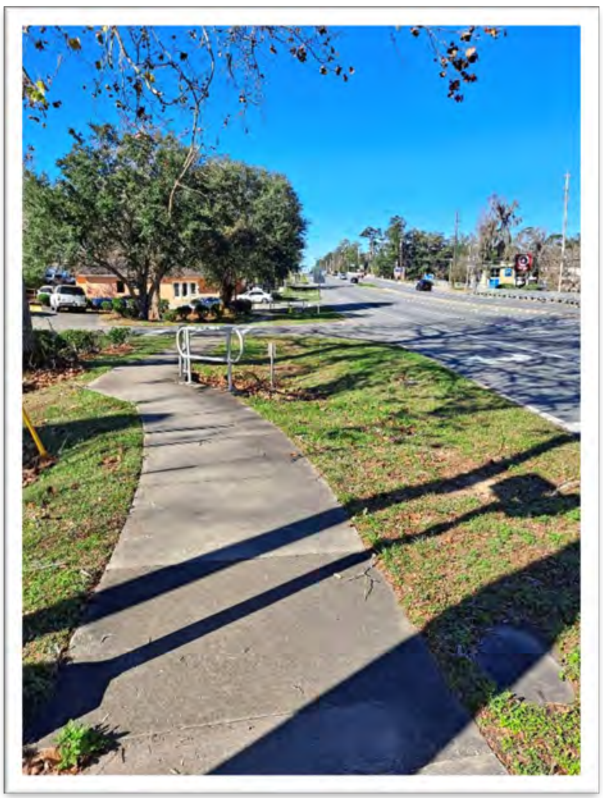


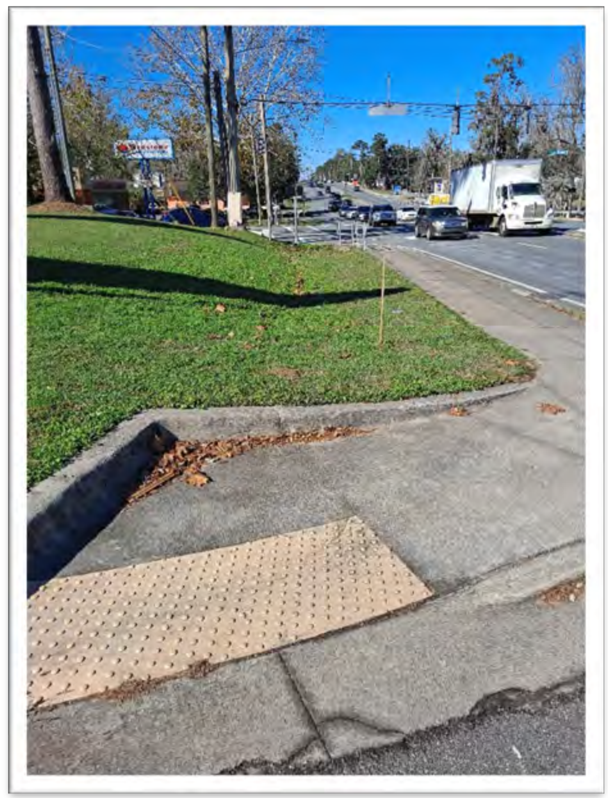
PUBLIC BENEFIT

The public will derive enormous benefit from this project. From the pictures that follow you can see where segments of this corridor do not have adequate shoulder width for pedestrian traffic. In a lot of the corridor, the roadside ditches are so close the edge of the pavement that there is little shoulder on which to walk. A new 6-foot-wide sidewalk adjacent to a raised curb and gutter will greatly enhance the pedestrian route in this corridor. In areas where right-of-way is plentiful and there are existing swales that can remain in place, there will be a 5’ wide sidewalk offset from the roadway and placed adjacent to the right-of-way line.

REGIONAL PLAN

Since December 2010, the City of Tallahassee has applied various criteria to aid in ranking potential sidewalk installation projects both for citizens' safety and to enhance the general quality of neighborhood life. In 2014, Public Works (now Public Infrastructure Engineering), together with the Planning Department, worked for several months to update the evaluation criteria used to prioritize sidewalk projects. The list began with projects identified on the 2010 Planned Multimodal Project List. The City Commission considered the initial draft of the updated prioritization process on September 10, 2014.





During that Commission meeting, there was considerable discussion of the need to assess both existing and potential demand. Commissioners also emphasized the need to incorporate recognized community priorities into the process, such as access to transit and Placemaking, which were added as ranking criteria.

Public Infrastructure Engineering maintains a project list for sidewalks throughout the City that ranks sidewalks based on multiple criteria. These criteria include access to transit, placemaking, roadside safety and access, safe routes to schools, and pedestrian demand. A given project is scored based on the individual roadway's unique characteristics and then added to the list based on its final score. The sidewalk list is updated yearly, and additional locations are added over time based on input and concerns received from the public.

In 2015, Paul Russell Road ranked 2nd out of 166 on the Tier One (highest priority) projects list. In 2016, the Paul Russell Road sidewalk project was pulled from the list and placed into design due to its high priority.

In addition, the project is identified in the Tallahassee Leon County Bicycle and Pedestrian Master Plan as a Tier III Major Project.

PROJECT CONSTRUCTABILITY

This project has already been designed, but the project was placed on hold due to lack of funding. If the CRTPA and FDOT assist with the construction funding of this project, the plans update process and permitting can begin immediately, followed by construction in FY2022 or 2023 based on the time it takes for the plans update and permitting. The existing right-of-way width along this corridor varies from 54 to 69 feet and is sufficient to accommodate, at a minimum, a 6-foot-wide sidewalk adjacent to the back of raised curb and gutter. In some areas, there is room to place a 5-foot-wide sidewalk adjacent to the right-of-way line thus leaving the existing drainage ditch in place. Drainage was considered before making the final decision on the placement and width of the sidewalk in relation to the existing roadway.

LEVERAGING OF FUNDS

The City has already covered the cost of the design and will cover the cost of the plans update and permitting for this very important and much needed sidewalk project. The city, through the use of consultants, or by using in-house staff can complete the design plans update in a timely manner to ensure the project is ready for construction by FY2022/2023. The City is more than willing to enter into a LAP agreement for this project and is currently LAP certified.

COMMUNITY SUPPORT

This sidewalk project has received public support in the past by way of inquiries to the City's digitally app that allows citizens to report anything related to city infrastructure and utilities. Anything from a pothole, to the need for sidewalk, water leaks and downed powerlines can be reported using the app. To date there have been four digitally reports concerning the lack of sidewalk along this corridor. Additionally, citizens have expressed a desire for a sidewalk along this corridor using the City of Tallahassee's online "Request a New Sidewalk Installation" page. Since 2019, there have been six requests for a sidewalk using the web page, including one request from a citizen using a motorized scooter who is unable to get to the bus stop from her residence.

CONSTRUCTION PLANS

FOR

PAUL RUSSELL ROAD SIDEWALK IMPROVEMENTS

MONDAY STREET TO APALACHEE PARKWAY

TALLAHASSEE, FLORIDA

CITY PROJECT # 1600370

DEVELOPMENT INFORMATION

OWNER:

CITY OF TALLAHASSEE UNDERGROUND UTILITIES & PUBLIC INFRASTRUCTURE
Gemini Building, 408 North Adams Street
Tallahassee, FL 32301
Phone: (850) 891-8234
Fax: (850) 891-0962

CITY PROJECT MANAGER: ERIC GOOCH, PE

Civil Engineer:

DRMP, INC.
2882 Remington Green Circle
Tallahassee, Florida 32308
PHONE: (850) 562-9600
FAX: (850) 575-5544
e-mail: blennon@drmp.com
FL CA 2648

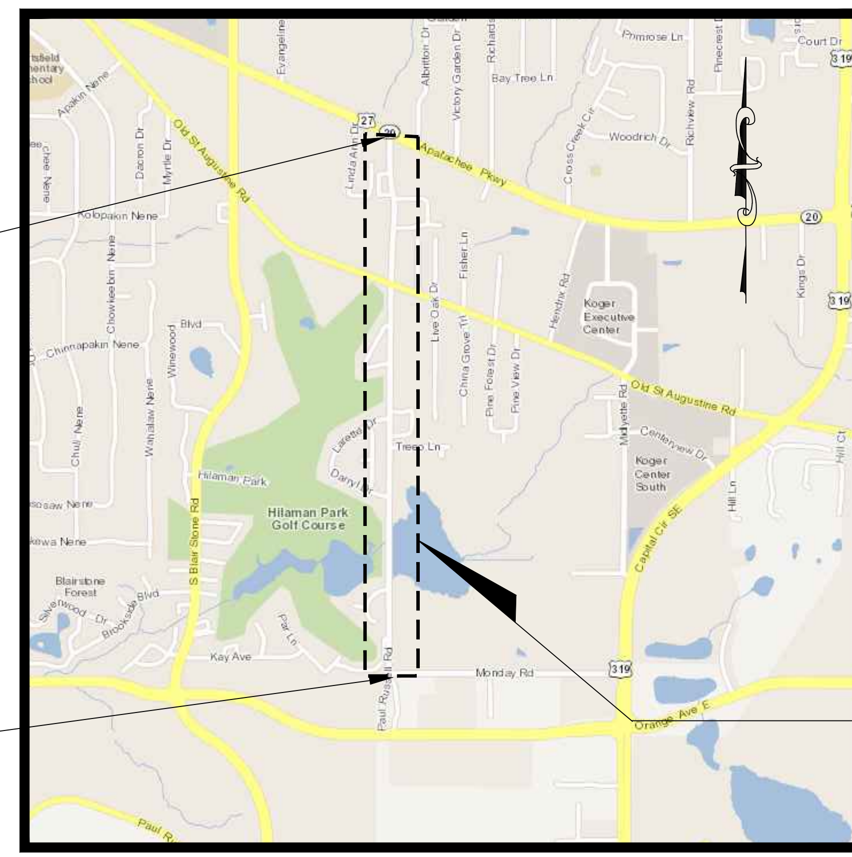
Surveyor:

City of Tallahassee
UNDERGROUND UTILITIES & PUBLIC INFRASTRUCTURE
Gemini Building, 408 North Adams Street
Tallahassee, FL 32301

TOTAL PROJECT LENGTH = 6283 LF

END PROJECT
STATION 64+12

BEGIN PROJECT
STATION 1+29



PROJECT
LOCATION

VICINITY MAP

NOT TO SCALE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	GENERAL NOTES
4	LEGEND AND NOTES
5-8	TYPICAL SECTIONS
9-24	PLAN AND PROFILE
25-31	CROSS SECTIONS
32-36	DRAINAGE CROSS SECTIONS
37	EROSION CONTROL NOTES & DETAILS
38-40	TREE NOTES & DETAILS
S1-S2	SHEET PILE WALL PLANS & DETAILS

ISSUED FOR
100% PLANS
APRIL 2018

NOTE: ALL CONSTRUCTION WITHIN FDOT RIGHT OF WAY SHALL CONFORM TO FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) 2018-19 STANDARD PLANS FOR ROAD WAND BRIDGE CONSTRUCTION. ALL CONSTRUCTION NOT WITH THE FDOT RIGHT OF WAY SHALL CONFORM TO FDOT DESIGN STANDARDS 2017-2018 EDITION AND THE JANUARY 2018 EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION UNLESS OTHERWISE SHOWN OR NOTED IN THESE PLANS.

CITY OF TALLAHASSEE

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
Certificate of Authorization 2648
DRMP JOB NUMBER 12-0345.003
REVISION DATE:

Benjamin R. Lennon, P.E.
Florida PE 78674

1

GENERAL NOTES

1. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK AND SHALL CONFORM TO THE MINIMUM STANDARDS SET FORTH BY THE CITY OF TALLAHASSEE, LEON COUNTY AND FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT).
2. THE DESIGN SHOWN HEREIN IS BASED ON A LIMITED TOPOGRAPHIC SURVEY PERFORMED BY THE CITY OF TALLAHASSEE PUBLIC WORKS DEPARTMENT, ARNIE ARNOLD (850) 891-8234. DRMP MAKES NO ASSURANCE REGARDING THE ACCURACY OF ANY SURVEY OR EVALUATION BY OTHERS.
3. CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE AGENT OF ANY CONFLICTS BEFORE PERFORMING WORK IN THE AFFECTED AREA. IN THE EVENT THE CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER AND ENGINEER.
4. CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SITE, INCLUDING ALL SURFACE AND SUBSURFACE CONDITIONS, LIMITS OF CONSTRUCTION, WORK REQUIRED AND ALL OTHER CONDITIONS THAT MAY EFFECT THE SUCCESSFUL COMPLETION OF THE PROJECT, PRIOR TO THE COMMENCEMENT OF WORK. IF CONTRACTOR DISCOVERS ANY ERRORS OR OMISSIONS IN THE PLANS OR SPECIFICATIONS, HE SHALL IMMEDIATELY NOTIFY OWNER OR OWNER'S AGENT.
5. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL REASONABLE AND PRUDENT PRECAUTIONS FOR THE SAFE AND SECURE PROTECTION OF ALL INCOMPLETE WORK, MATERIALS AND EQUIPMENT STORED ONSITE AND OFFSITE, AND ANY UNAUTHORIZED ACCESS TO SUCH. CONTRACTOR SHALL ERECT AND MAINTAIN, AS REQUIRED BY EXISTING CONDITIONS AND PROGRESS OF THE WORK, ALL REASONABLE AND REQUIRED SAFEGUARDS FOR THE SAFETY AND PROTECTION OF ALL PERSONNEL, EQUIPMENT OR MATERIALS, INCLUDING BUT NOT LIMITED TO, POSTING OF DANGER SIGNS AND OTHER WARNING AGAINST HAZARDS, PROMULGATING SAFETY REGULATIONS AND NOTIFYING OWNERS AND USERS OF ADJACENT UTILITIES OF THE EXISTENCE OF HAZARDS AND SAFETY REGULATIONS.
6. CONTRACTOR SHALL, AT ALL TIMES, UTILIZE ALL NORMALLY ACCEPTED AND REASONABLY EXPECTED SAFETY PRACTICES AND COMPLY WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS OR PERMIT CONDITIONS, AND GUIDELINES AND RECOMMENDATIONS PERTAINING TO THE SAFE UTILIZATION OF ALL EQUIPMENT AND MATERIALS, AS PUBLISHED BY MANUFACTURER OR SUPPLIER.
7. CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, GIVE ALL NOTICES REQUIRED BY, AND COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS, AND PERMIT CONDITIONS BEARING ON THE EXECUTION OF PROJECT, AS DRAWN AND SPECIFIED. IF CONTRACTOR OBSERVES THAT THE DRAWINGS OR SPECIFICATION ARE IN VARIANCE WITH ANY APPLICABLE LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, HE SHALL TAKE ANY ACTIONS NECESSARY TO MITIGATE ANY POTENTIAL DAMAGE, AND PROMPTLY NOTIFY ENGINEER IN WRITING OF SUCH VARIANCE. ANY NECESSARY CHANGES TO THE DRAWING AND SPECIFICATIONS SHALL BE MADE IN ACCORDANCE WITH THE PROVISIONS OF THE AGREEMENT BETWEEN OWNER AND CONTRACTOR.
8. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, WHICH MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR. SEE FDOT SPECIFICATION 455-1.1 FOR ADDITIONAL INFORMATION REGARDING PROTECTION OF EXISTING STRUCTURES.
9. EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS NOTED OTHERWISE.
10. THE LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES PRIOR TO COMMENCING WITH ANY CONSTRUCTION ACTIVITIES. ANY UTILITIES THAT ARE IN CONFLICT WITH THE PROPOSED CONSTRUCTION SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS WITH NO DELAY TO THE PROJECT EXCEPT FOR WATER AND SANITARY SEWER WHICH SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING UTILITY OWNERS A MINIMUM OF 72 HOURS PRIOR TO ANY REQUESTED EXPOSURES, ADJUSTMENTS OR RELOCATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES DURING ALL CONSTRUCTION ACTIVITIES. ANY UTILITIES DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
12. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL OF FLORIDA INC. (811) AND UTILITY OWNERS LISTED BELOW TWO (2) FULL BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION OF THE JOB SITE.

UTILITY OWNER COMPANY	CONTACT	EMAIL	PHONES
CITY OF TALLAHASSEE WATER & SEWER	JERRY WALDEN	JERRY.WALDEN@TALGOV.COM	(850) 891-6107
CITY OF TALLAHASSEE POWER	TINA DROSE	TINA.DROSE@TALGOV.COM	(850) 891-5016
CITY OF TALLAHASSEE GAS	JIM ABBOTT	JIMMY.ABBOTT@TALGOV.COM	(850) 891-5135
C.O.T. TRAFFIC ENGINEERING	ALLEN SEACREAST	ALLEN.SEACREAST@TALGOV.COM	(850) 891-8273
CABLE: COMCAST	LIAM MCKENNA	LIAM_MCKENNA@CABLE.COMCAST	(850) 574-4060
TELEPHONE: CENTURYLINK	DAVID POOLE	DAVID.C.POOLE@CENTURYLINK.COM	(850) 877-6422

13. GRADES SHOWN ARE FINISHED GRADES. SEE CROSS SECTIONS FOR CROSS SLOPE INFORMATION.
14. ANY MAILBOXES THAT ARE TO BE RELOCATED SHALL BE TAKEN DOWN BY THE CONTRACTOR AND RESET IN ACCORDANCE WITH UNITED STATES POSTAL SERVICE REGULATIONS. ALL MAILBOXES SHALL BE RELOCATED TO THE BACK OF THE PROPOSED SIDEWALK. ALL MAILBOXES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. ALL MAIL BOXES SHALL REMAIN IN SERVICE DURING CONSTRUCTION.
15. ANY PUBLIC LAND CORNER MONUMENT WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER WITHOUT DELAY. IF DISTURBED OR DESTROYED IT SHALL BE RESET BY A FLORIDA P.L.S. AT THE CONTRACTOR'S EXPENSE.
16. THE CITY OF TALLAHASSEE WILL SET 5/8" REBARS AND CAPS AS HORIZONTAL CONTROL POINTS (AT THE P.I. POINTS) BEFORE CONSTRUCTION BEGINS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ESTABLISH HIS OWN REFERENCE POINTS FOR USE DURING CONSTRUCTION AND TO RESET THE CENTERLINE/BASELINE IN A PERMANENT MANNER IN ACCORDANCE WITH FDOT SPECIFICATION 5-7.5.
17. ALL DISTURBED AREAS SHALL BE SODDED WITH TURF GRADE SOD TO MATCH EXISTING GRASS TYPE. SOD IN AREAS WHERE THE SLOPE IS STEEPER THAN 1:3 SHALL BE PINNED AS DIRECTED BY THE ENGINEER WITH COST BEING INCIDENTAL TO THE SODDING PAY ITEM NO(S).
18. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH FDOT DESIGN STANDARDS.
19. ANY EXISTING SIGN THAT CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHALL BE RE-LOCATED AT THE DIRECTION OF THE ENGINEER.
20. TRAFFIC CONTROL DURING THE PROJECT SHALL BE IN ACCORDANCE WITH FDOT INDICES 600, 605, AND OTHERS IN THE 600 INDEX AS APPLICABLE. THERE WILL BE NO LANE CLOSURES DURING PEAK TRAFFIC TIMES, 7-9:00 AM AND 4-6 PM, MONDAY THROUGH FRIDAY OR DURING FSU AND FAMU HOME FOOTBALL GAMES, OR OTHER SPECIAL EVENTS.
21. PRIOR TO INITIATING ANY EXCAVATION (INCLUDING, BUT NOT LIMITED TO, TUNNELS, DITCHES, SWALES, STORMWATER PONDS, CANALS, OR ARTIFICIAL LAKES), CONTRACTOR SHALL REVIEW AND MAKE ARRANGEMENTS TO COMPLY IN EVERY RESPECT WITH THE PROVISIONS OF ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, (INCLUDING BUT NOT LIMITED TO CFR 1926 SUBPART P, AND OSHA DIRECTIVES CPL 2.69 AND 2.87) PERTAINING TO SAFE TRENCHING AND EXCAVATION. CONTRACTOR SHALL INSTALL ALL NECESSARY FENCES AND BARRIERS, AND TAKE ALL OTHER REASONABLE AND PRUDENT STEPS TO ENSURE THAT ACCESS TO EXCAVATIONS BY UNAUTHORIZED INDIVIDUALS IS PREVENTED.
22. UNTIL THE FINAL ACCEPTANCE OF THE PROJECT BY OWNER, CONTRACTOR SHALL HAVE THE COMPLETE CHARGE AND CARE OF, AND SHALL BEAR ALL RISKS AND EXPENSES FOR ANY INJURY, DAMAGE OR LOSS, OR TO ANY PORTION OF THE WORK, ALL MATERIALS STORED ONSITE OR OFFSITE BY THE ACTION OF THE ELEMENTS, OR FROM ANY OTHER CAUSE WHETHER ARISING FROM THE EXECUTION OR NON-EXECUTION OF THE WORK. CONTRACTOR SHALL BEAR ALL EXPENSES FOR ANY REPAIRS, REBUILDING OR RESTORATION, AND MAKE GOOD ALL INJURIES, DAMAGES OR LOSSES TO ANY PORTION OF THE WORK BEFORE FINAL ACCEPTANCE OF THE PROJECT BY OWNER.
23. CONTRACTOR SHALL NOT LOAD, CAUSE OR PERMIT ANY PART OF THE WORK TO BE LOADED SO AS TO ENDANGER SAFETY. NO LOAD SHALL BE PLACED ON ANY ROOF WITHOUT THE APPROVAL OF OWNER AND ENGINEER.
24. THOSE PARTS OF THE WORK IN PLACE, WHICH ARE SUBJECT TO DAMAGE, BECAUSE OF ACTIVITIES OR OPERATIONS BEING CARRIED OUT ADJACENT TO, SHALL BE COVERED, BOARDED UP OR SUBSTANTIALLY ENCLOSED WITH ADEQUATE PROTECTION BY CONTRACTOR AT HIS EXPENSE.
25. "HAZARDOUS MATERIALS" MEANS ANY SUBSTANCE WHICH:
    - 25.1. THE PRESENCE OF REQUIRES INVESTIGATION OR REMEDIATION UNDER ANY PRESENT FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, OR
    - 25.2. IS OR BECOMES DEFINED AS A "HAZARDOUS WASTE", "HAZARDOUS SUBSTANCE", POLLUTANT OR CONTAMINATE UNDER ANY PRESENT FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS OR AMENDMENTS, INCLUDING BUT NOT LIMITED TO, THE 1980 COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) AND/OR THE 1976 RESOURCE CONSERVATION AND RECOVERY ACT (RCRA), OR
    - 25.3. IS TOXIC, EXPLOSIVE, CORROSIVE, FLAMMABLE, INFECTIOUS, RADIOACTIVE, CARCINOGENIC, MUTAGENIC OR OTHERWISE HAZARDOUS AND IS REGULATED BY ANY GOVERNMENTAL AUTHORITY, AGENCY, DEPARTMENT, COMMISSION, BOARD OR INSTRUMENTALITY OF THE UNITED STATES, THE STATE(S) IN WHICH THE PROJECT IS LOCATED OR ANY POLITICAL SUBDIVISION THEREOF, OR
    - 25.4. THE PRESENCE OF ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE HEALTH OR SAFETY OF PERSONS ON OR ABOUT THE PREMISES, OR
    - 25.5. THE PRESENCE OF ON THE PREMISES CAUSES OR THREATENS TO CAUSE A NUISANCE UPON THE PREMISES OR TO ADJACENT PROPERTIES OR POSES OR THREATENS TO POSE A HAZARD TO THE ENVIRONMENT, OR
    - 25.6. CONTAINS GASOLINE, DIESEL FUEL OR OTHER PETROLEUM HYDROCARBONS, OR (G) CONTAIN POLYCHLORINATED BIPHENYLS (PCB'S), ASBESTOS, MERCURY, LEAD OR UREA FORMALDEHYDE FOAM INSULATION.

GENERAL NOTES (cont.)

26. CONTRACTOR AND ITS SUBCONTRACTORS SHALL PROPERLY USE, HANDLE, TRANSPORT AND DISPOSE OF ALL HAZARDOUS MATERIALS IN COMPLIANCE WITH ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, STATUTES, REGULATIONS OR PERMIT CONDITIONS, INCLUDING BUT NOT LIMITED TO, LAWFUL ORDERS OF ANY QUASI PUBLIC OR OTHER AUTHORITY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR FOR THE PROTECTION AGAINST INJURY, DAMAGE, OR LOSS TO PERSONNEL, EQUIPMENT OR MATERIALS, OR DESIGNED TO PROTECT THE ENVIRONMENT.
27. CONTRACTOR FURTHER AGREES THAT CONTRACTOR AND ITS SUBCONTRACTORS SHALL NOT CAUSE THE IMPROPER DISCHARGE, RELEASE OR DISPOSAL OF ANY HAZARDOUS MATERIALS OR SUBSTANCES CREATED BY ITS WORK ON OR ABOUT THE JOB SITE. IN THE EVENT OF ANY SPILL, RELEASE OR ANY OTHER REPORTABLE OCCURRENCE, CONTRACTOR SHALL TAKE ALL SUCH ACTIONS AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECTS OF SUCH SPILL ON ANY PERSON OR PROPERTY, NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND NOTIFY OWNER IN WRITING.
28. CONTRACTOR AND ITS SUBCONTRACTORS SHALL, UPON COMPLETION OF PERFORMANCE OF ALL DUTIES UNDER THIS PROJECT, REMOVE ALL SUPPLIES, MATERIALS AND WASTE CONTAINING HAZARDOUS MATERIALS FROM THE JOB SITE. CONTRACTOR SHALL BEAR ALL FINANCIAL RESPONSIBILITY, BETWEEN THE PARTIES OF THE CONTRACT, FOR COMPLIANCE WITH THE PROVISIONS OF THESE GENERAL NOTES, SPECIFICATIONS OR AGREEMENT BETWEEN OWNER AND CONTRACTOR.
29. SHOULD THE CONTRACTOR OR ITS SUBCONTRACTORS DISCHARGE, RELEASE OR DISPOSE OF ANY HAZARDOUS MATERIALS ON OR ABOUT THE JOB SITE IN VIOLATION OF THESE GENERAL NOTES, SPECIFICATIONS OR AGREEMENT BETWEEN OWNER AND CONTRACTOR OR IN THE EVENT OF ANY SPILL, RELEASE OR ANY REPORTABLE OCCURRENCES, CONTRACTORS SHALL IMMEDIATELY TAKE SUCH ACTIONS AS MAY BE NECESSARY TO MINIMIZE THE DELETERIOUS EFFECTS OF SUCH SPILLS ON PERSONS, PROPERTY OR THE ENVIRONMENT, NOTIFY THE APPROPRIATE GOVERNMENTAL AGENCY AND INFORM THE OWNER IN WRITING.
30. IN THE EVENT CONTRACTOR OR ANY OF ITS SUBCONTRACTORS ENCOUNTER ON THE PREMISES ANY PIPELINE, UNDERGROUND STORAGE TANK OR OTHER CONTAINER OF ANY KIND, THAT MAY CONTAIN A HAZARDOUS MATERIAL, OR ENCOUNTER ANY MATERIAL REASONABLY BELIEVED TO BE A HAZARDOUS MATERIAL, CONTRACTOR SHALL IMMEDIATELY STOP WORK IN THE AREA AFFECTED AND REPORT THE CONDITION TO THE OWNER IN WRITING.
31. NO STORAGE OR STAGING ALLOWED IN WETLAND OR FLOODPLAIN AREAS.

CONSTRUCTION NOTES

1. PRIOR TO CLEARING CONTRACTOR SHALL STAKE THE LIMITS OF CONSTRUCTION, FLAG ALL TREES TO BE REMOVED, AND NOTIFY THE PROJECT MANAGER FOR VERIFICATION. ALL REMAINING TREES ARE TO BE PROTECTED AS SHOWN IN THE DETAILS. CONTRACTOR IS REQUIRED, AT ALL TIMES, TO MINIMIZE IMPACTS TO EXISTING TREES AND VEGETATION.
2. ALL EXCESS MATERIALS EXCAVATED THAT ARE NOT NEEDED FOR CONSTRUCTION OF THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED AT HIS EXPENSE AT A SAFE UPLAND LOCATION. MATERIALS SHALL BE STOCKPILED SEPARATELY INTO USEABLE (NONORGANIC) FILL STOCKPILES AND ORGANIC (MUCK) STOCKPILES IF MUCK IS ENCOUNTERED.
3. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE, AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UNDERGROUND CITY OWNED UTILITIES THAT INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE CONTRACTOR.
4. ALL DITCHES, FILL SLOPES, ROADWAYS AND ADJACENT SECTIONS SHALL BE GRADED TO DRAIN POSITIVELY IN THE DIRECTION SHOWN BY THE FLOW ARROWS ON THE PLANS AND TO PROVIDE A SMOOTHLY TRANSITIONED SURFACE WITH NO SHARP BREAKS IN GRADE, OR NO UNUSUALLY STEEP OR REVERSE CROSS SLOPES.
5. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED BEFORE COMMENCING CONSTRUCTION WORK, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. COST TO BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION TO BE ALLOWED.
6. CONTRACTOR SHALL ENSURE THAT ALL SLOPES MEET ADA REQUIRED SLOPES AND REGULATIONS THROUGHOUT THE PEDESTRIAN TRAVEL WAY WITHIN THE LIMITS OF CONSTRUCTION.
7. ALL METHODS AND MATERIALS SHALL CONFORM TO THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, JANUARY 2018 EDITION AND FLORIDA DEPARTMENT OF TRANSPORTATION CONSTRUCTION DETAILS (2017-2018 EDITION).
8. ALL DISTURBED AREAS SHALL BE AT A MINIMUM SODDED, BUT SHALL BE RESTORED TO EXISTING CONDITIONS WHERE THOSE AREAS ARE BETTER THAN SOD. ALL SOD SHALL BE CENTIPEDE OF TYPE OR TO MATCH PROJECT OWNERS PREFERENCE.
9. RELOCATE ALL ROAD SIGNS WITHIN THE PROJECT LIMITS THAT WILL BE IMPACTED BY THE CONSTRUCTION. ANY EXISTING DAMAGED SIGNS OR POST SHALL BE REPLACED WITH LIKE SIGNS AND POSTS MEETING THE REQUIREMENTS OF THE MUTCD.
10.
11. RELOCATE ALL MAILBOXES WITHIN THE UTILITY STRIP OR BEHIND SIDEWALK AS APPLICABLE. ALL MAILBOXES ON POSTS SHALL BE REPLACED WITH STANDARD MAILBOX ASSEMBLY PER FDOT SI 532.
12. ALL EXISTING STORM PIPING AND STRUCTURES WITHIN THE PROJECT AREA SHALL BE PROTECTED. INLET PROTECTION SHALL BE USED ON ALL INLETS WHILE DISTURBED AREAS ARE PRESENT.
13. ALL METER BOXES SHALL BE RELOCATED TO REFLECT THE PROPOSED GRADE AND SLOPE. ANY EXISTING VALVE BOXES OR MANHOLES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE RAISED AS NECESSARY TO MATCH PROPOSED CONDITIONS.
14. ALL SIDEWALK SHALL BE CONSTRUCTED TO MEET ALL ADA REQUIREMENTS, SLOPES AND CROSS SLOPES INCLUDING ALL ROAD CROSSINGS.
15. CLEARING AND GRUBBING SHALL INCLUDE BUT NOT BE LIMITED TO CURB, DRIVEWAYS, CONCRETE, ASPHALT, TREES, SHRUBS, FENCING, ROAD BASE, STORMWATER INFRASTRUCTURE, MAILBOXES, AND ROAD SIGNAGE.
16. WHEREVER TREE ROOTS ARE ENCOUNTERED DURING ANY CONSTRUCTION OPERATION, THE PROJECT MANAGER SHALL BE NOTIFIED IMMEDIATELY AND A CERTIFIED ARBORIST SHALL BE CONSULTED, AS ROOT PRUNING AND/OR DESIGN MODIFICATIONS MAY BE NECESSARY AS DIRECTED BY THE CITY.
16. WHEREVER DRIVEWAYS ARE TO BE CONSTRUCTED, CONTRACTOR SHALL SAWCUT THE EXISTING DRIVEWAY AT THE TIE-IN LOCATION.
17. FDOT STANDARD INLETS SHALL BE MODIFIED TO MATCH 18" MODIFIED TYPE F CURB.

UTILITY NOTES

WATER DISTRIBUTION ADJUSTMENT NOTES

1. GOVERNING SPECIFICATIONS SHALL BE THE CITY OF TALLAHASSEE TECHNICAL SPECIFICATIONS FOR WATER AND WASTEWATER CONSTRUCTION.
2. POTABLE WATER SERVICE SHALL BE MAINTAINED TO RESIDENCES AND BUSINESSES AT ALL TIMES.
3. THE LOCATIONS OF EXISTING ACTIVE AND INACTIVE WATER SERVICE PIPING SHOWN ON THE PLANS ARE APPROXIMATE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM AND IDENTIFY LOCATIONS/DEPTHS OF ALL SERVICE PIPING.
4. ACTIVE EXISTING WATER SERVICE PIPING WITHIN THE LIMITS OF CONSTRUCTION SHALL BE FIELD-ADJUSTED VERTICALLY AND HORIZONTALLY, AS NEEDED, TO AVOID STORM DRAINS AND OTHER UTILITIES. ABANDONED AND EXISTING WATER SERVICE PIPING THAT IS INDICATED TO BE REPLACED SHALL BE TERMINATED AT THE CORPORATION STOP. WATER SERVICE CONNECTED TO A MAIN THAT IS DESIGNATED TO BE PLACED OUT OF SERVICE SHALL NOT BE PLUGGED, BUT SHALL BE TERMINATED AT THE CORPORATION STOP.
5. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS EQUIPMENT, AND SUPERVISION NECESSARY TO VERIFY AND REPLACE EXISTING WATER SERVICE PIPING AS INDICATED ON PLANS. NEW SERVICE PIPING SHALL INCLUDE TAPPING SADDLE, CORPORATION STOP, HDPE SERVICE PIPING, TRACE WIRE, CURB STOP, CITY STOP YOKE, AND CUSTOMER VALVE, IN ACCORDANCE WITH THE CITY'S GOVERNING SPECIFICATIONS.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL LOCATE ALL EXISTING VALVES NEEDED TO ISOLATE THE WATER MAINS WITHIN THE CONSTRUCTION LIMITS. SOME VALVES MAY BE LOCATED ON SIDE STREETS.
7. THE CONTRACTOR IS RESPONSIBLE, UNTIL FINAL ACCEPTANCE OF THE PROJECT, FOR THE REPAIR OF WATER MAINS, VALVES, SERVICE PIPING, FIRE HYDRANTS, AND RELATED APPURTENANCE THAT ARE DAMAGED DUE TO CONSTRUCTION OPERATIONS OF THE CONTRACTOR.
8. THE CONTRACTOR SHALL ADJUST ALL EXISTING VALVE BOXES, WITHIN THE LIMITS OF CONSTRUCTION, SO THE TOPS ARE FLUSH WITH FINISHED GRADE, INCLUDING INSTALLATION OF A CONCRETE COLLAR.
9. METER AND METER BOXES SHALL BE RELOCATED TO THE RIGHT-OF-WAY LINE WHERE POSSIBLE. METERS SHALL NOT BE INSTALLED WITHIN A DRIVEWAY OR WALKWAY (SIDEWALK). IF EXISTING METER AND/OR METER BOX IS DEEMED UNUSABLE BY THE ENGINEER, THE CITY WILL FURNISH NEW REPLACEMENT UNITS.

P:\Projects\12\12-0345.003_Paul_Russel_Rd._Sidewalk_Improvements\CADD\DESIGN\02 - General Notes.dwg Plotted: Jul 27, 2018 - 3:44pm by jaubrey

REVISIONS

NO.	DATE	DESCRIPTION	BY

DESIGNED BY: BRL
DRAWN BY: CJA
CHECKED BY: BAK
APPROVED BY: BRL

CITY OF TALLAHASSEE

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GENERAL NOTES

PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
Certificate of Authorization No. 0527074
2882 Remington Green Circle
Tallahassee, Florida 32308
Phone:850.562.9600 WWW.DRMP.COM

Benjamin R. Lennon, P.E.
Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/11/18
DRAWING: 2

UTILITY NOTES (cont.)

MEASUREMENT AND PAYMENT

NO PAYMENT WILL BE MADE TO THE CONTRACTOR FOR ADDITIONAL QUANTITIES AND/OR WORK PERFORMED THAT IS NOT INCLUDED IN THE BID FORM OF THE CONTRACT WITHOUT WRITTEN APPROVAL BY THE CITY.

GOVERNING SPECIFICATIONS AND JURISDICTION

GOVERNING SPECIFICATIONS FOR CONSTRUCTION OF WATER AND WASTEWATER FACILITIES ON THIS PROJECT ARE THE CITY OF TALLAHASSEE (COT) TECHNICAL SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION, CURRENT EDITION. THE CONTRACTOR MAY ACCESS AND DOWNLOAD THE COT TECHNICAL SPECIFICATIONS FROM THE FOLLOWING INTERNET URL:

HTTP://WWW.TALGOV.COM/YOU/YOU-LEARN-UTILITIES-WATER-DESIGN-CONSTRUCTION.ASPX

REQUIREMENTS NOT SPECIFICALLY COVERED BY THE GOVERNING SPECIFICATIONS ABOVE MAY BE COVERED BY PLAN NOTES OR SPECIAL PROVISIONS, AND ALL SUCH REQUIREMENTS ARE CONSIDERED AS PART OF THE CONTRACT.

ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

THE CONTRACTOR IS REQUIRED TO FOLLOW ALL RULES AND REGULATIONS ESTABLISHED BY EMS (ENVIRONMENTAL MANAGEMENT SYSTEM) DOCUMENTS AS WELL AS ANY OTHER PERTINENT RULES AND REGULATIONS THAT RELATE TO THE PROJECT. THE CITY OF TALLAHASSEE UNDERGROUND UTILITIES ENVIRONMENTAL POLICY STATEMENT AND A CONTRACTOR'S INFORMATIONAL BROCHURE ARE AVAILABLE AT HTTP://WWW.TALGOV.COM/YOU/YOU-LEARN-UTILITIES-WATER-EMS-WATER.ASPX

REVISIONS

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DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
BRL	CJA	BAK	BRL

CITY OF TALLAHASSEE

GENERAL NOTES

PAUL RUSSELL ROAD SIDEWALK

LEON COUNTY, FLORIDA

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TRAFFIC CONTROL NOTES:

THIS PROJECT ANTICIPATES THE NEED FOR TRAFFIC CONTROL DEVICES LISTED IN THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES AND FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY STANDARD INDICES. CONTRACTOR SHALL DEVELOP A TEMPORARY TRAFFIC CONTROL PLAN (TTCP) WHICH SHALL BE APPROVED BY FDOT, DESIGN ENGINEER AND CITY OF TALLAHASSEE TRAFFIC ENGINEER PRIOR TO START OF CONSTRUCTION AS REQUIRED. MAINTENANCE OF TRAFFIC (MOT) SHALL BE DEVELOPED BY SOMEONE CERTIFIED/QUALIFIED IN ADVANCED MAINTENANCE OF TRAFFIC, THE CONTRACTOR SHALL INSPECT, MAINTAIN AND MODIFY THROUGHOUT THE PROJECT CONSTRUCTION.

NO DAYTIME LANE CLOSURES WILL BE ALLOWED WITHIN THE FDOT RIGHT OF WAY (APALACHEE PARKWAY). TWO WEEK NOTICE IS REQUIRED FOR ALL LANE CLOSURE WITHIN THE FDOT RIGHT OF WAY.

THE CONTRACTOR'S TTCP SHALL ACCOMPLISH AND BE PREPARED IN ACCORDANCE WITH THE CITY OF TALLAHASSEE STANDARDS AND SPECIFICATIONS AS REQUIRED IN THE BID PACKAGE AND SHALL INCLUDE BUT NOT BE LIMITED TO ALL OF THE FOLLOWING:

1. CONTRACTOR SHALL MEET TTCP STANDARDS SET BY FDOT INDEX 600.
2. AT LEAST ONE (1) 10 FOOT TRAFFIC LANE SHALL BE KEPT OPEN AT ALL TIMES.
3. NO LANE CLOSURES ARE ALLOWED BETWEEN 7 AM - 9 AM AND 4 PM - 6 PM MONDAY THROUGH FRIDAY, OR DURING FSU AND FAMU HOME FOOTBALL GAME WEEKENDS.
4. THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT FROM THE ROADWAY AND THE SHOULDER DURING NON-WORKING HOURS TO ENSURE THE LEAST PRACTICABLE INTERFERENCE WITH TRAFFIC AND PEDESTRIANS. THE CONTRACTOR IS TO PROVIDE THE AREA FOR STORING EQUIPMENT.
5. NO NIGHT WORK SHALL BE PERMITTED UNLESS APPROVED IN WRITING BY THE CITY.
6. OBSTRUCTIONS AND BARRICADES SHALL MEET REFLECTIVITY REQUIREMENTS PER FDOT INDEX 600. ALL SUCH SIGNING AND TRAFFIC CONTROL WITHIN THE LIMITS OF THE PROJECT SHALL BE DONE IN ACCORDANCE WITH THE ENGINEER OR HIS DESIGNEE, APPLICABLE OSHA REGULATIONS AND MUTCD, PART VI.
7. NO SPEED REDUCTION OR DETOURS PERMITTED.
8. MAINTAIN ACCESS TO ADJOINING PROPERTIES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING STREETS AND PRIVATE ENTRANCES THROUGHOUT PROJECT CONSTRUCTION.
9. EXISTING BICYCLE AND PEDESTRIAN FACILITIES SHALL BE MAINTAINED FOR AT ALL TIMES.
10. EXISTING TRANSIT STOPS SHALL BE MAINTAINED AT ALL TIMES.
11. NOTIFY TRANSIT AND SCHOOL BOARD OF PROPOSED WORK SCHEDULE.
12. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY BARRICADES, WARNING, DANGER, AND DETOUR SIGNS, PROVIDE FLAGMEN WHERE NECESSARY TO DIRECT TRAFFIC, AND TAKE ALL OTHER PRECAUTIONS TO PROTECT THE WORK AND THE PUBLIC. STREETS, WHICH ARE CLOSED TO TRAFFIC BY AUTHORITY OF CITY OF TALLAHASSEE, SHALL BE ADEQUATELY BARRICADED AND MARKED WITH WARNING AND DETOUR SIGNS, AT ALL INTERSECTIONS AND CROSSINGS ALONG THE DETOURS. STREET CLOSING AND DETOUR ROUTING SHALL BE REQUESTED OF AND RECEIVE APPROVAL FROM THE ENGINEER OR HIS DESIGNEE, PRIOR TO IMPLEMENTATION. THE TEMPORARY DETOUR SHALL BE ADEQUATELY MARKED THROUGHOUT ITS LENGTH. ALL DETOUR ROUTES SHALL BE MAINTAINED BY THE CONTRACTOR IN A SAFE AND PASSABLE CONDITION AT ALL TIMES, AND AT SUCH TIME AS THE DETOUR IS NO LONGER NECESSARY, THE STREETS CONSTITUTING THE DETOUR ROUTE SHALL BE RESTORED TO A CONDITION EQUAL TO THE CONDITION OF SUCH STREETS PRIOR TO THEIR USE FOR DETOURS, ALL TO THE SATISFACTION OF THE ENGINEER OR HIS DESIGNEE.

PI : POINT OF INTERSECTION
CP : CONTROL POINT

CR D CR E CR F CR G -DENOTES CURB RAMP TYPE PER FDOT STANDARD INDEX 304

A-1 -DENOTES DRIVEWAY SECTION PER FDOT STANDARD INDEX 515

SURVEY NOTES:

THESE NOTES PROVIDED BY CITY OF TALLAHASSEE SURVEY DEPARTMENT

1. The Horizontal (NAD 83) & Vertical Control (N.A.V.D. 88) was established by the C.O.T. GPS Survey Equipment.
2. Bearings are based on State Plane Coordinate NAD 83, Florida North Zone, U.S. Feet.
3. Improvements shown represent a good faith effort in locating those visible above ground improvements. There may be additional improvements unintentionally not shown.
4. Vertical datum is based on Florida Department of Transportation Benchmarks N.A.V.D. 1988.
5. There may be underground utility lines that are not shown which may exist within the project limits as per Tallahassee- Leon County-GIS, that were not located. Contractor shall locate all utilities prior to construction and notify Engineer of any conflicts.

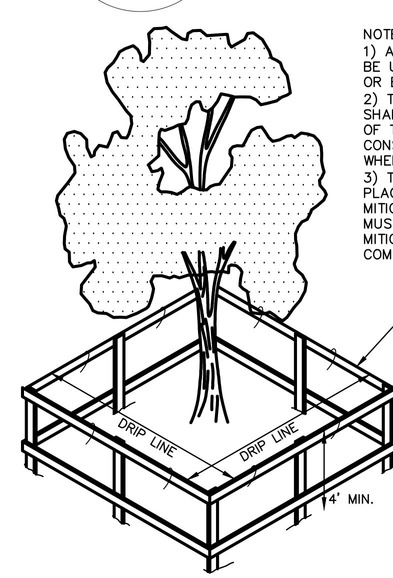
TREE ABBREVIATIONS:

A = ASH
B = BEECH
BAY = BAY
BG = BLACK GUM
BR = BIRCH
BW = BASSWOOD
BS = BLUE SPRUCE
CA = CAMPHOR
CD = CEDAR
CH = CHERRY
CHB = CHINABERRY
CHN = CHINKAPIN
CHLRL= CHERRY LAUREL
CM = CRAPE MYRTLE
CPM = CABBAGE PALM
CT = CHINESE TALO
CYP = CYPRESS
CW = COTTON WOOD
D = DOGWOOD
DP = DATE PALM
E = ELM
H = HICKORY
HA = HACKBERRY
HY = HOLLY
IW = IRONWOOD
JM = JAPANESE MAGNOLIA
LOK = LIVE OAK
LROK = LAUREL OAK
M = MAGNOLIA
MO = MIMOSA
MP = MAPLE
MUL = MULBERRY
P = PINE
PC = PECAN
PL = PLUM
PO = POPLAR
POK = POST OAK
PR = PEAR
PRS = PERSIMMON
RB = ROSE BUD
ROK = RED OAK
S = SWEET BAY
SAS = SASSAFRAS
SG = SWEET GUM
SOK = SCRUB OAK
SPM = SABLE PALM
SYM = SYCAMORE
T = TUPELO
TOK = TURKEY OAK
TUN = TUNG TREE
W = WILLOW
WM = WAX MYRTLE
WOK = WATER OAK
WTO = WHITE OAK
PR = PEAR
CD = CEDAR

12"WOK — TREE SIZE AND TYPE
TREE TRUNK
REPRESENT 100% OF THE TOTAL CRITICAL PROTECTION ZONE (CPZ)

TREE TO BE REMOVED

NOTES:
1) AREA WITHIN BARRICADE IS NOT TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT.
2) TREE PROTECTION BARRICADES SHALL BE LOCATED AT THE PERIMETER OF THE CPZ OR LIMITS OF CONSTRUCTION ACTIVITY OF ALL TREES WHERE THE CPZ IS IMPACTED.
3) THE BARRIERS SHALL REMAIN IN PLACE UNTIL SUCH TIME AS APPROVED MITIGATION OPERATIONS BEGIN AND MUST BE REPLACED AS SOON AS MITIGATION IN THAT AREA IS COMPLETED.



TREE BARRICADE DETAIL
NTS

LEGEND: SYMBOLS

PP	POWER POLE
PRIVLP	PRIVATE LAMP POST
SV/P	SERVICE POLE
GUY POLE	GUY POLE
	GUY WIRE
TP	TELEPHONE POLE
LP	LIGHT POLE
TL-PED	TELEPHONE PEDESTAL
EL-PED	ELECTRIC PEDESTAL
	TRAFFIC PULL BOX
WM	WATER METER
WV	WATER VALVE
GV	GAS VALVE
GM	GAS METER
	SIGN
TMH	Telephone Manhole
EMH	Electric Box
PM	Parking Meter
MB	Mailbox
San. MH	Sanitary Sewer Manhole
SSCO	Sanitary Sewer Clean Out
SSSTUB	Sanitary Seewer Stubout
Storm MH	Storm Drain Manhole
SS SS	Sanitary Sewer Line
W W	Water Main
OT OT	Overhead Telephone
OHE OHE	Overhead Electric Line
UE UE	Underground Electric Line
UT UT	Underground Telephone Line
Gas Gas	Underground gas Line
TV TV	Underground Cable Television Line
FO FO	Underground Fiber optic Cable line
X X	EXISTING FENCE
JA2	TEST HOLE LOCATION
TCE	TEMPORARY CONSTRUCTION EASEMENT
	PROPOSED SILT FENCE
	PROPOSED INLET PROTECTION BARRIER
SI	FDOT STANDARD INDEX
PI-1	BASELINE POINT OF INTERSECTION
	PROPOSED 6" TH CONCRETE SIDEWALK
	PROPOSED ASPHALT
	PROPOSED RIPRAP
	PROPOSED CURB INLET

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CITY OF TALLAHASSEE

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LEGEND AND NOTES
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LEON COUNTY, FLORIDA

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ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
Certificate of Authorization No. 0527074
2882 Remington Green Circle
Tallahassee, Florida 32308
Phone:850.562.9600 WWW.DRMP.COM

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Florida Engineer # 78674

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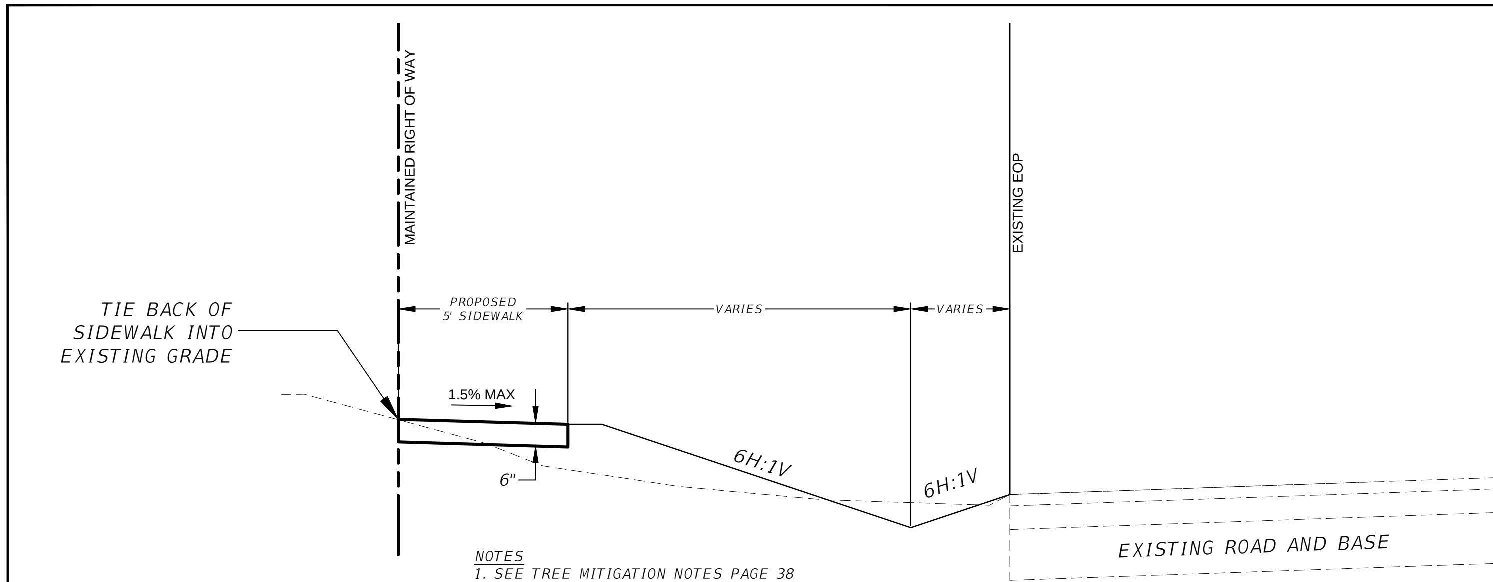
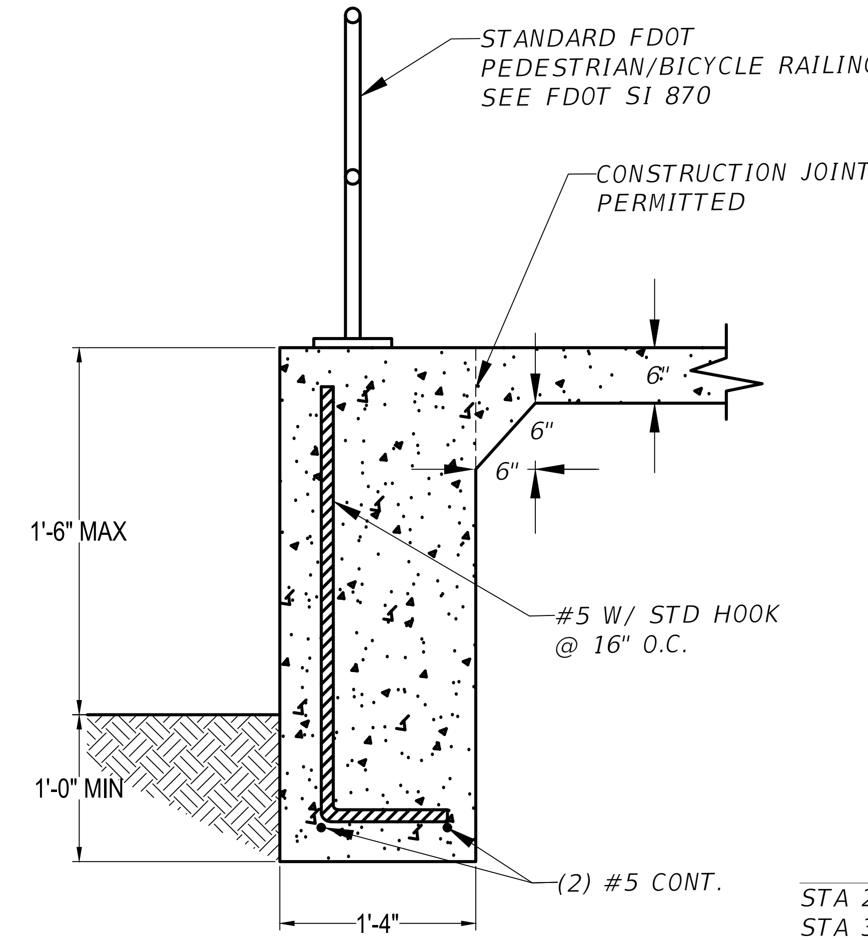


OFFSET SIDEWALK TYPICAL SECTION

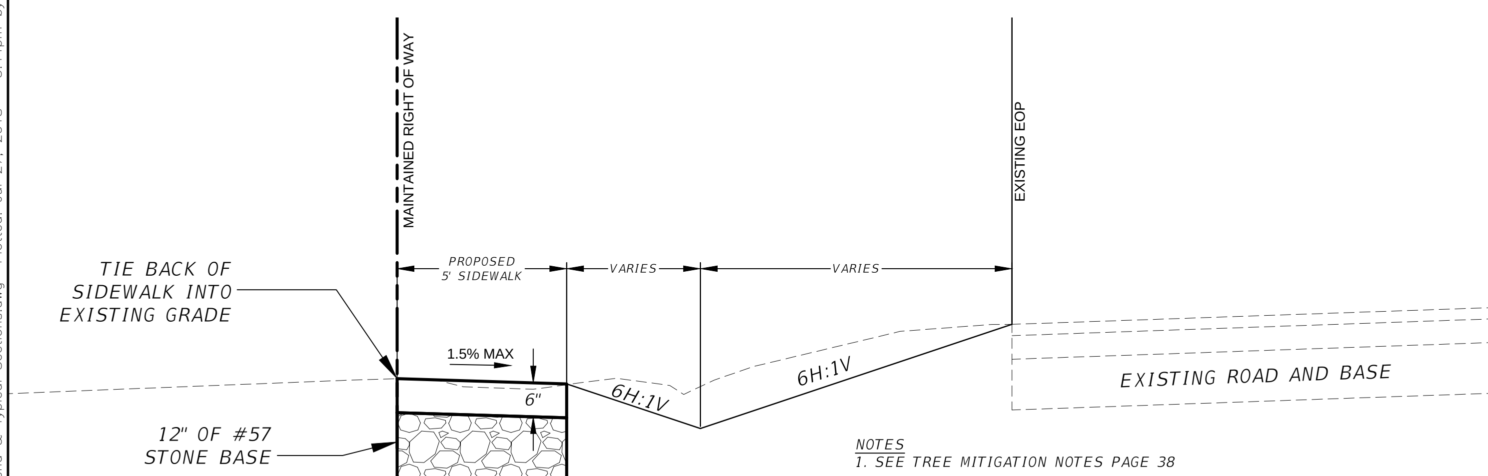
STA 18+80 TO STA 21+93
NOT TO SCALE



TYP. 1'-6" MAX. SLAB TURNDOWN

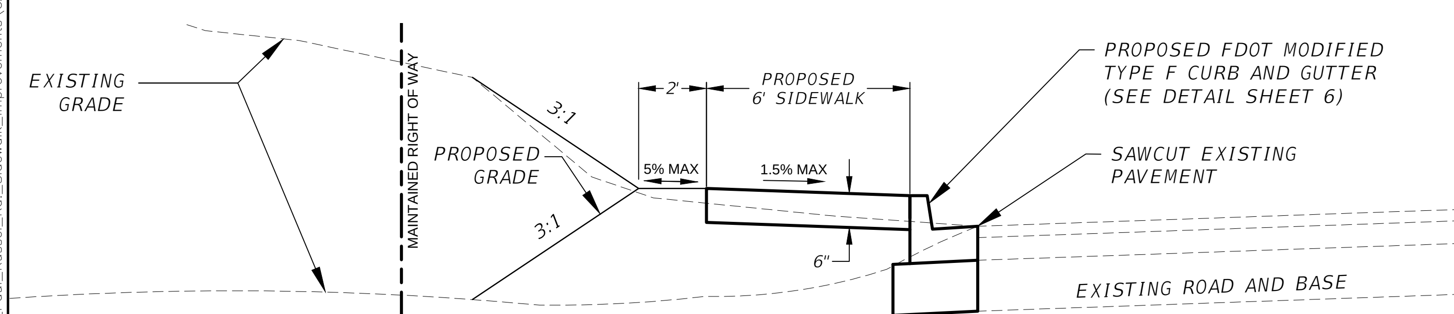
NOT TO SCALE

LOCATIONS
STA 23+99 TO STA 24+22
STA 32+30 TO STA 32+54
STA 34+14 TO STA 34+38
STA 47+46 TO STA 47+70
STA 49+48 TO STA 49+88



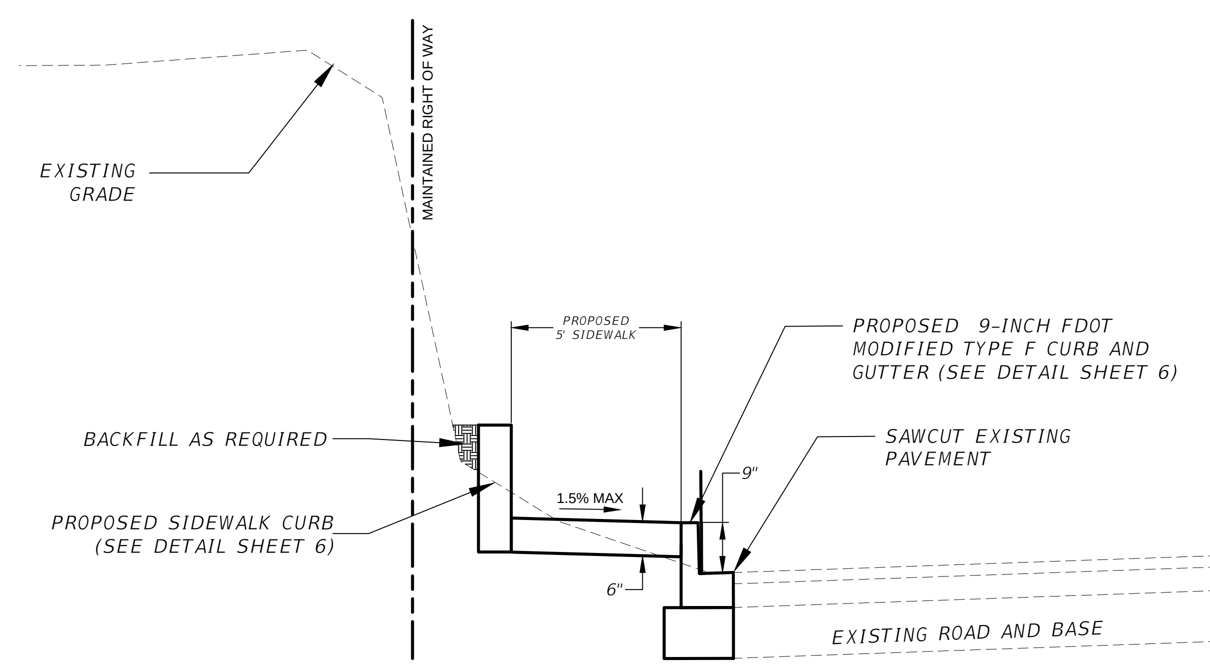
OFFSET SIDEWALK THROUGH FLOODPLAIN TYPICAL SECTION

STA 11+96 TO STA 18+80
NOT TO SCALE



SIDEWALK TYPICAL SECTION

STA 1+29 TO STA 5+68
STA 7+43 TO STA 11+40
STA 21+93 TO STA 64+12
NOT TO SCALE



SIDEWALK WITH CURB TYPICAL SECTION

STA 5+63 TO STA 7+43
NOT TO SCALE

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APPROVED BY BRL

CITY OF TALLAHASSEE

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TYPICAL SECTIONS

PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

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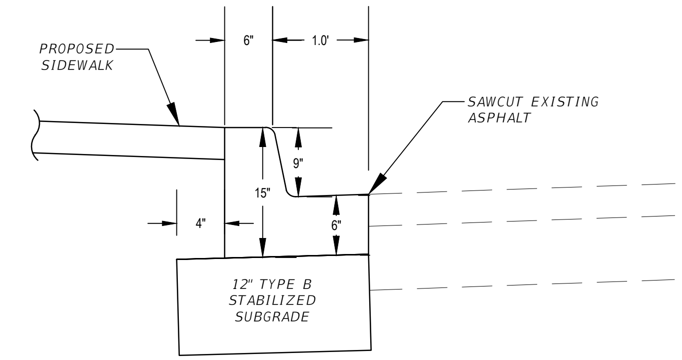
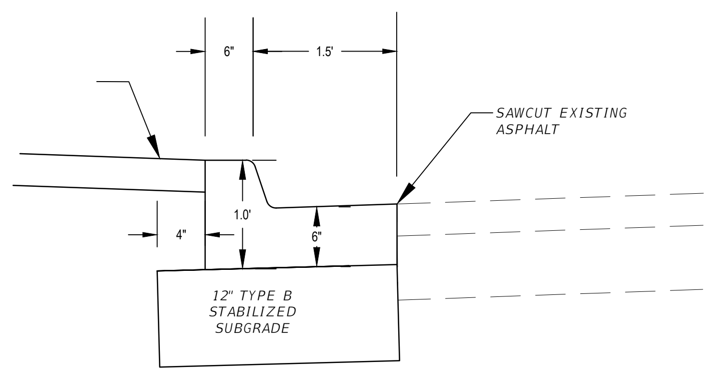


9-INCH MODIFIED FDOT TYPE F CURB AND GUTTER

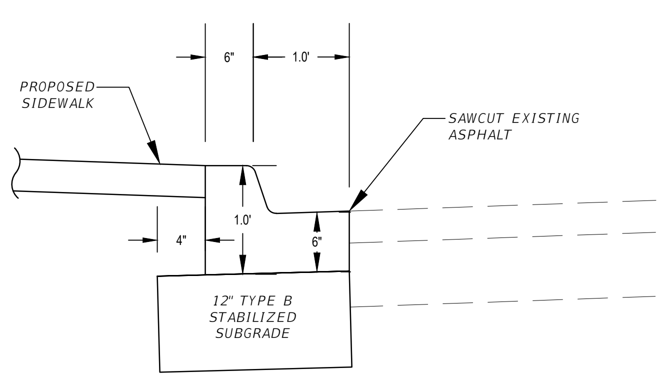
NOT TO SCALE
STA 5+63 TO STA 7+43



SEE FDOT SI 300 AND 514 FOR ADDITIONAL DIMENSIONS AND INFORMATION

STANDARD FDOT TYPE F CURB AND GUTTER (SHEET 24)

NOT TO SCALE

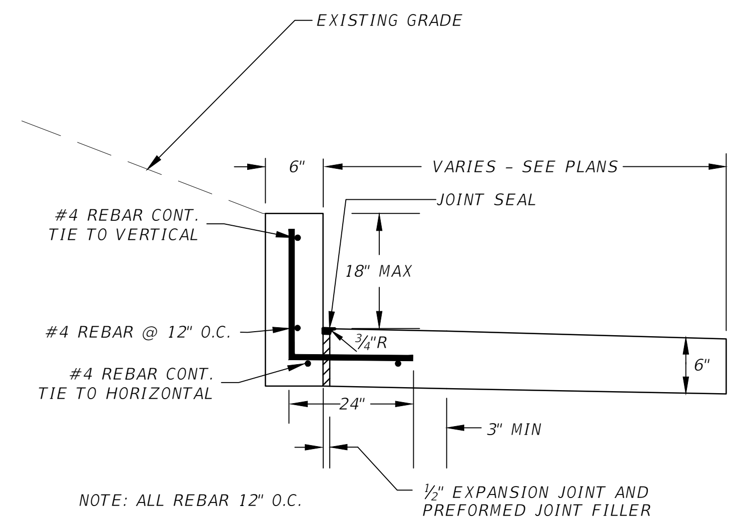


SEE FDOT SI 300 AND 514 FOR ADDITIONAL DIMENSIONS AND INFORMATION

MODIFIED FDOT TYPE F CURB AND GUTTER

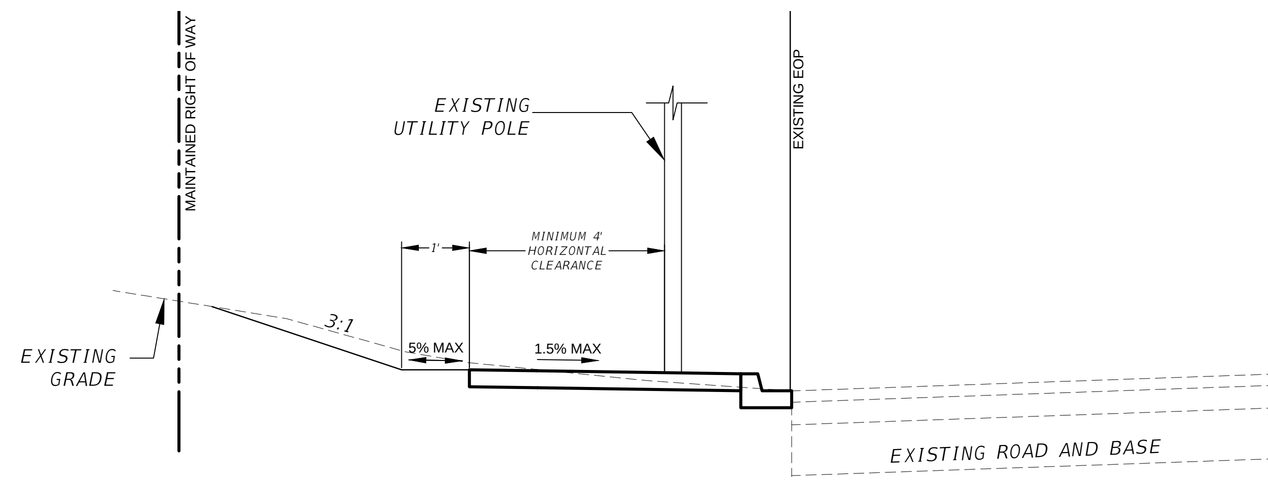
NOT TO SCALE

NOTE: MODIFICATION TO INLET THROAT TO ACCOMIDATE MODIFIED CURB AND GUTTER INCIDENTAL TO INLET COST



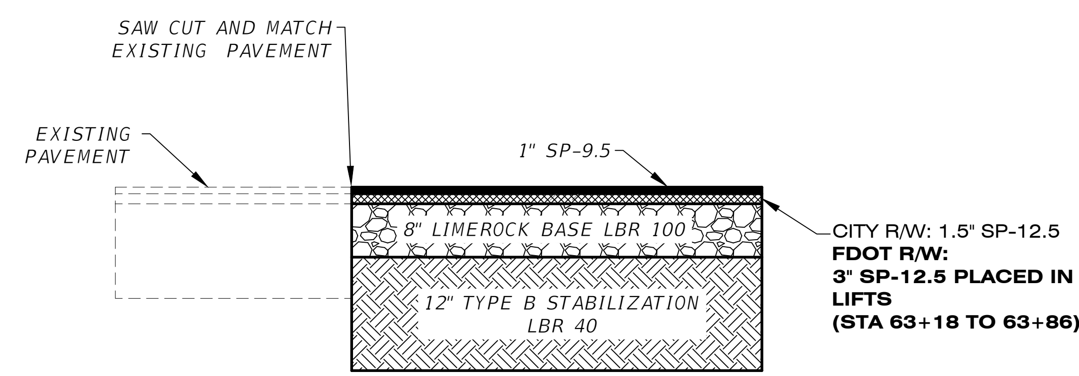
SIDEWALK CURB DETAIL

NOT TO SCALE
STA 5+76 TO STA 7+57



UTILITY POLE CONFLICT DETAIL

NOT TO SCALE
STA 2+81



CITY R/W: 1.5" SP-12.5
FDOT R/W:
3" SP-12.5 PLACED IN 2 LIFTS
(STA 63+18 TO 63+86)

ASPHALT DESIGN FOR ROADWAY AND WIDENING

NOT TO SCALE

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CITY OF TALLAHASSEE

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TYPICAL SECTIONS
PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

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Benjamin R. Lennon, P.E.
Florida Engineer # 78674

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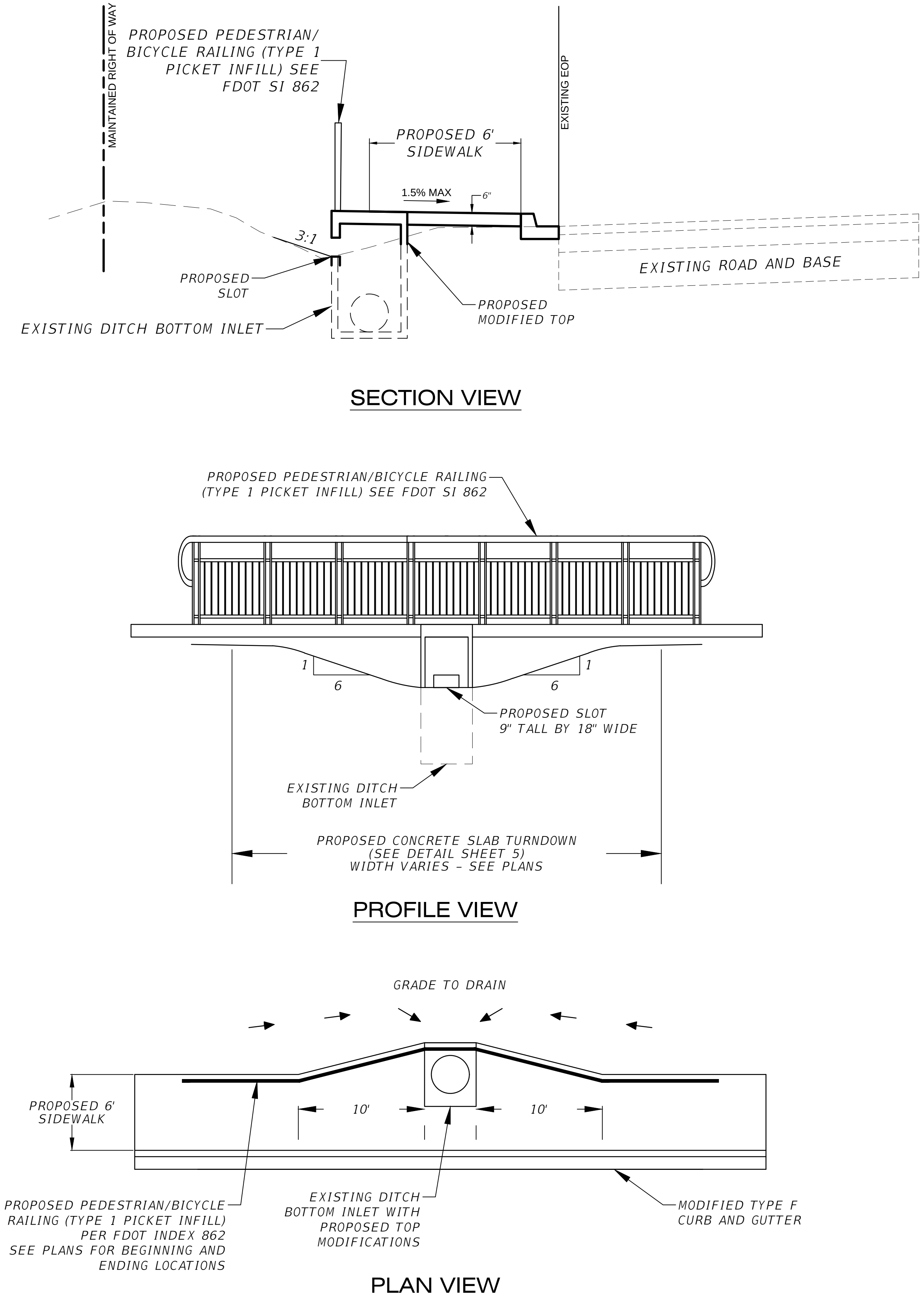
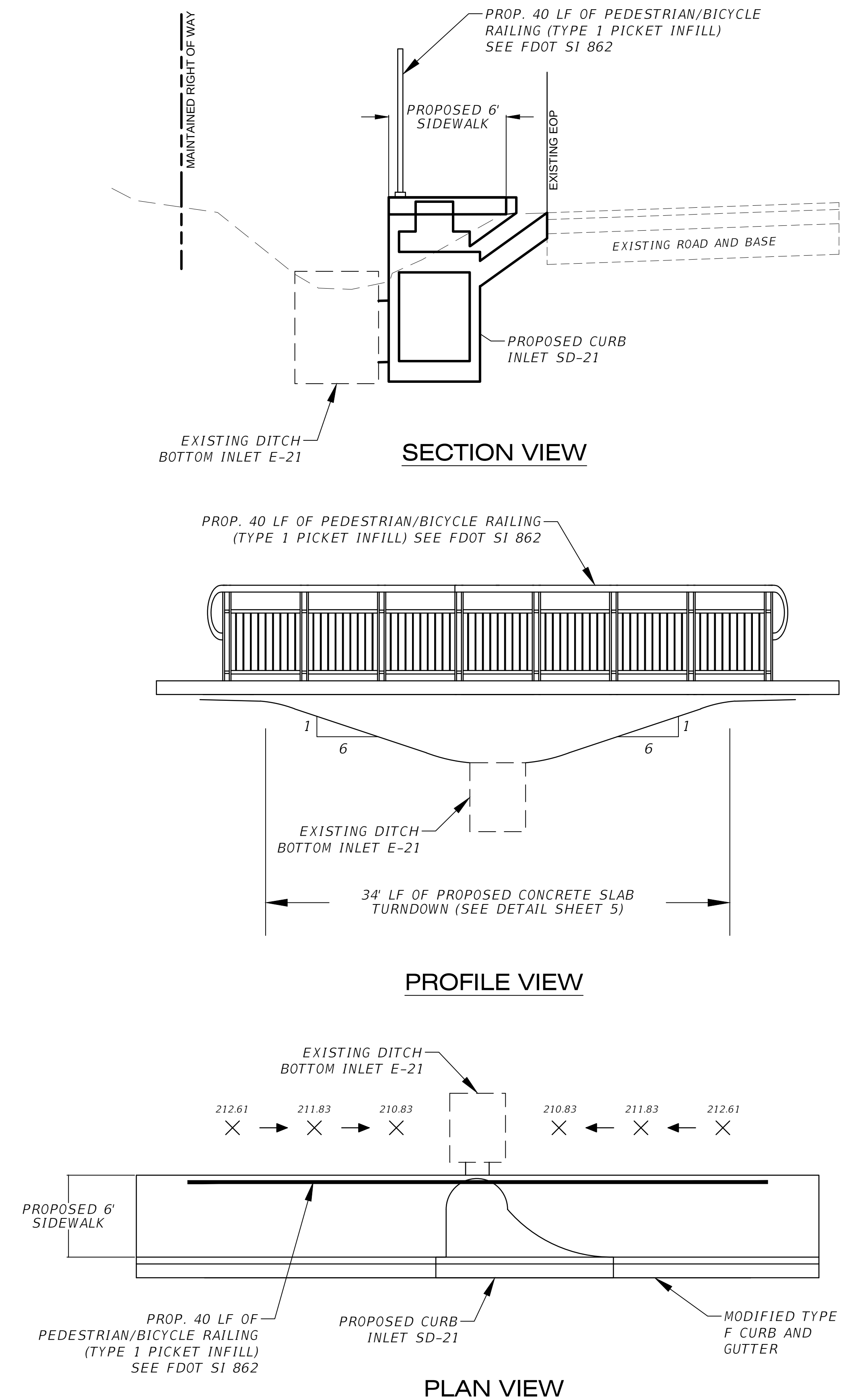
DATE: 04/30/18
DRAWING: 6



EXISTING DITCH BOTTOM INLET MODIFICATIONS DETAIL - E-7, E-14, E-15, E-20

NOT TO SCALE



DITCH BOTTOM INLET E-21 & SD-21 TURNDOWN DETAIL

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Florida Engineer # 78674

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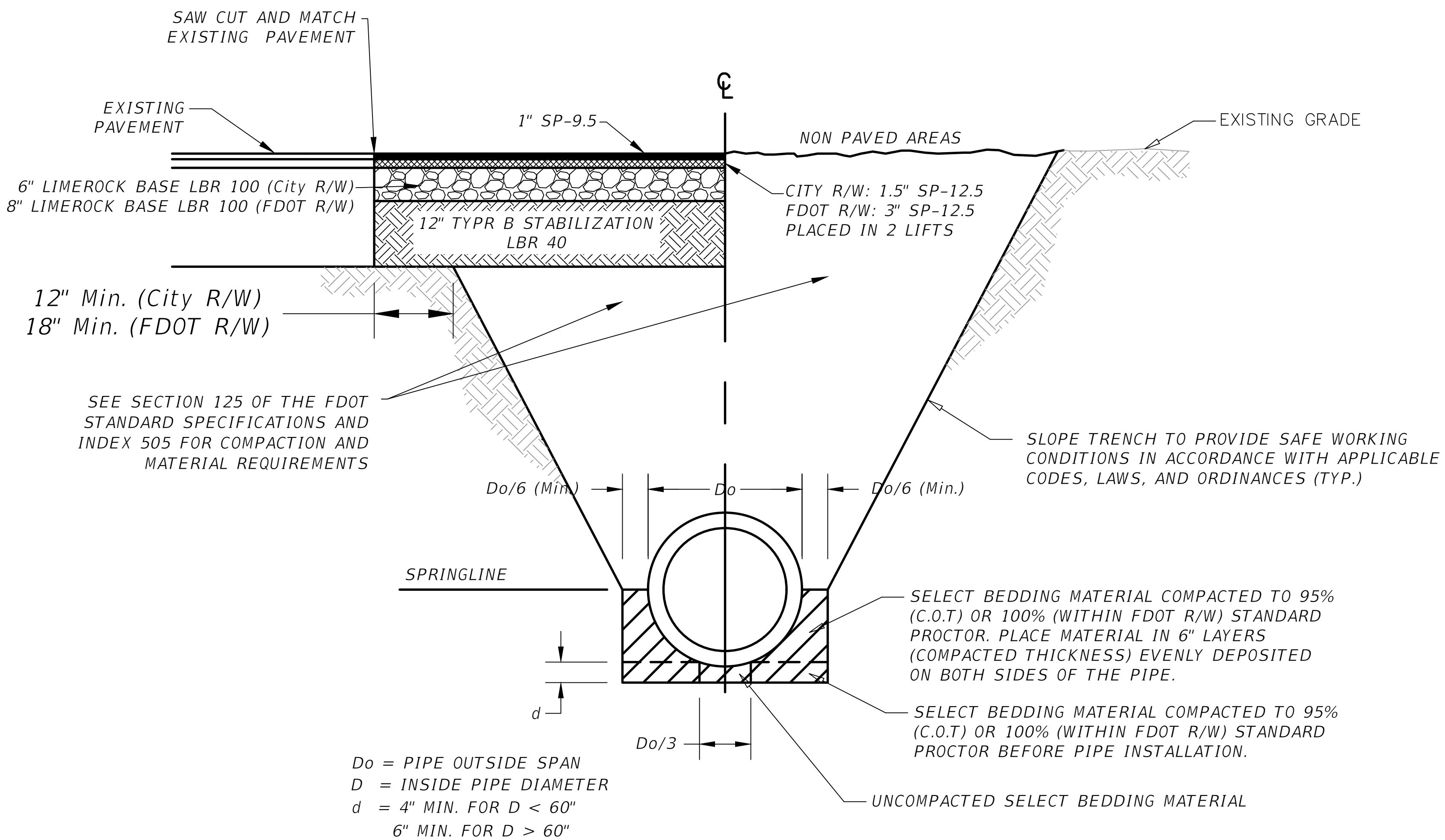
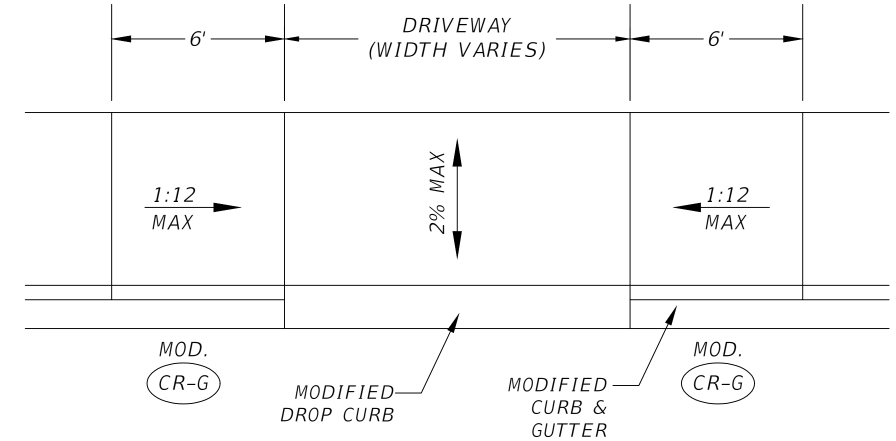


NOTES:

1. BACKFILL ABOVE THE SPRINGLINE TO BE PLACED IN LIFTS THIN ENOUGH TO ALLOW COMPACTION TO BE ACHIEVED. LIFTS IN EXCESS OF TWELVE INCHES, MEASURED LOOSE, SHALL NOT BE ALLOWED.
2. PIPES TO BE INSTALLED IN DRY TRENCHES, DEWATERED BY WELLPOINTING. OPEN TRENCH PUMPING FOR DEWATERING SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE ENGINEER.
3. IF TRENCH IS OVEREXCAVATED, BACKFILL AND RECOMPACT TO MATCH SURROUNDING DENSITY THEN PLACE SELECT BEDDING MATERIAL AS SHOWN ABOVE.
4. HAND DIG FOR BELL JOINTS. BEARING FROM JOINT TO JOINT WILL NOT BE ALLOWED.
5. BEFORE PLACING SOD IN GRASSED AREAS, PROVIDE A THREE-INCH MINIMUM THICK LAYER OF TOPSOIL THAT IS SUFFICIENTLY LOOSE TO PROMOTE ROOT GROWTH.
6. FOR PIPE INSTALLATION WITHIN THE FDOT R/W (APALACHEE PKWY), CONSTRUCTION MUST MEET THE NOTES AND DETAILS OF FDOT S.I. NO. 307.

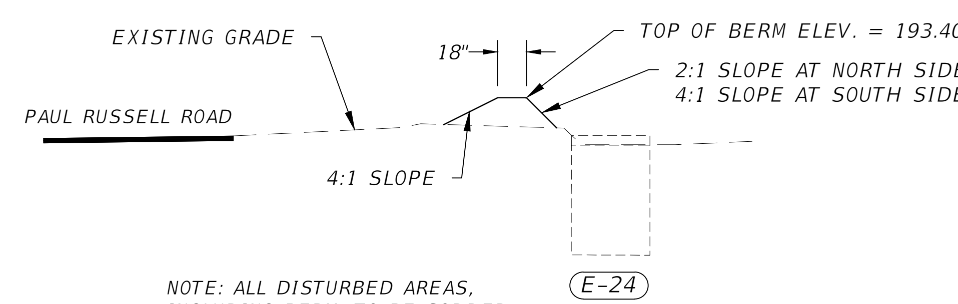
REINFORCED CONCRETE PIPE INSTALLATION

NOT TO SCALE



SIDEWALK CURB RAMP AT DRIVEWAY

NOT TO SCALE



NOTE: ALL DISTURBED AREAS, INCLUDING BERM, TO BE SODDED

BERM DETAIL STA 63+74 RT

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Florida Engineer # 78674

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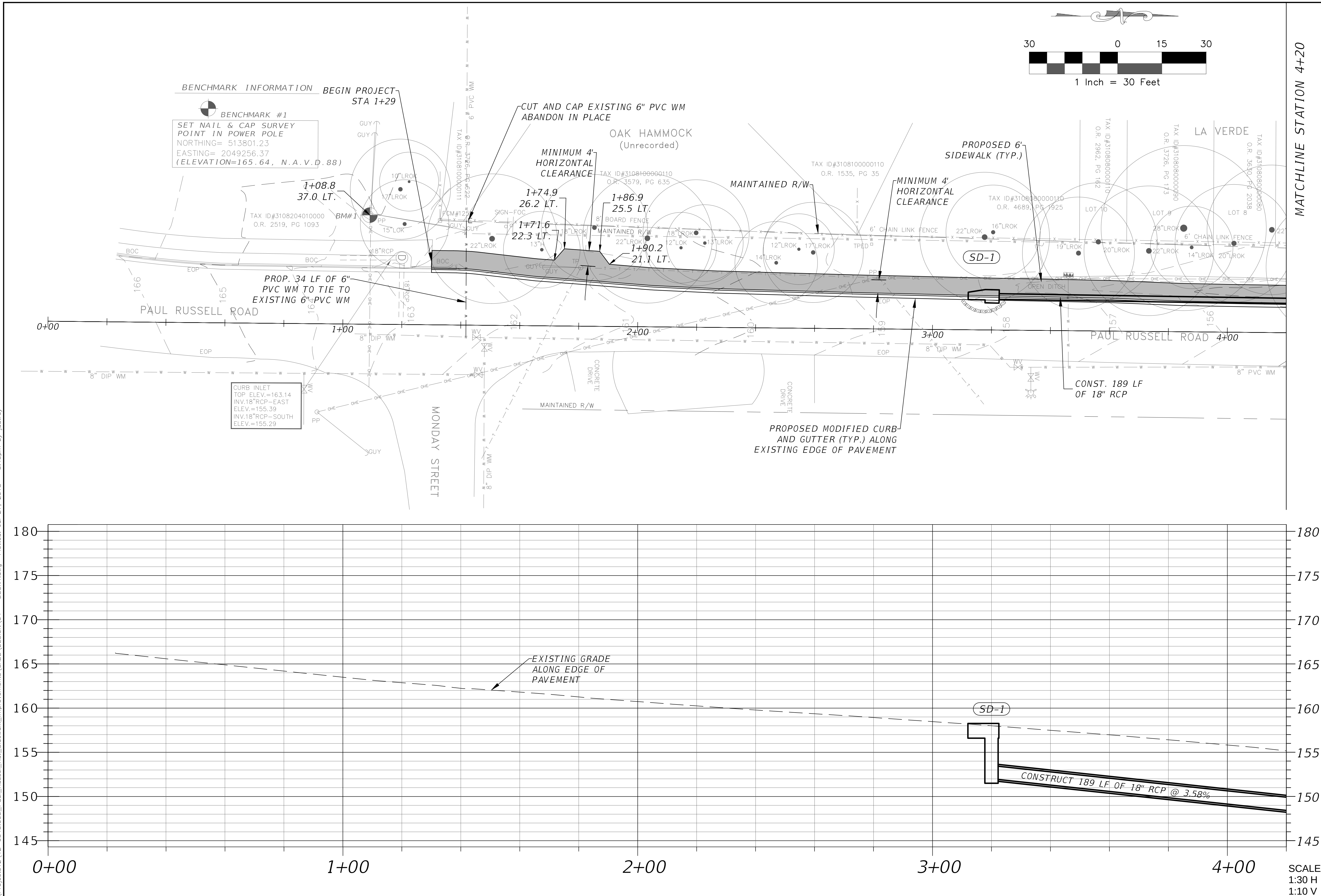

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PAUL RUSSELL ROAD SIDEWALK
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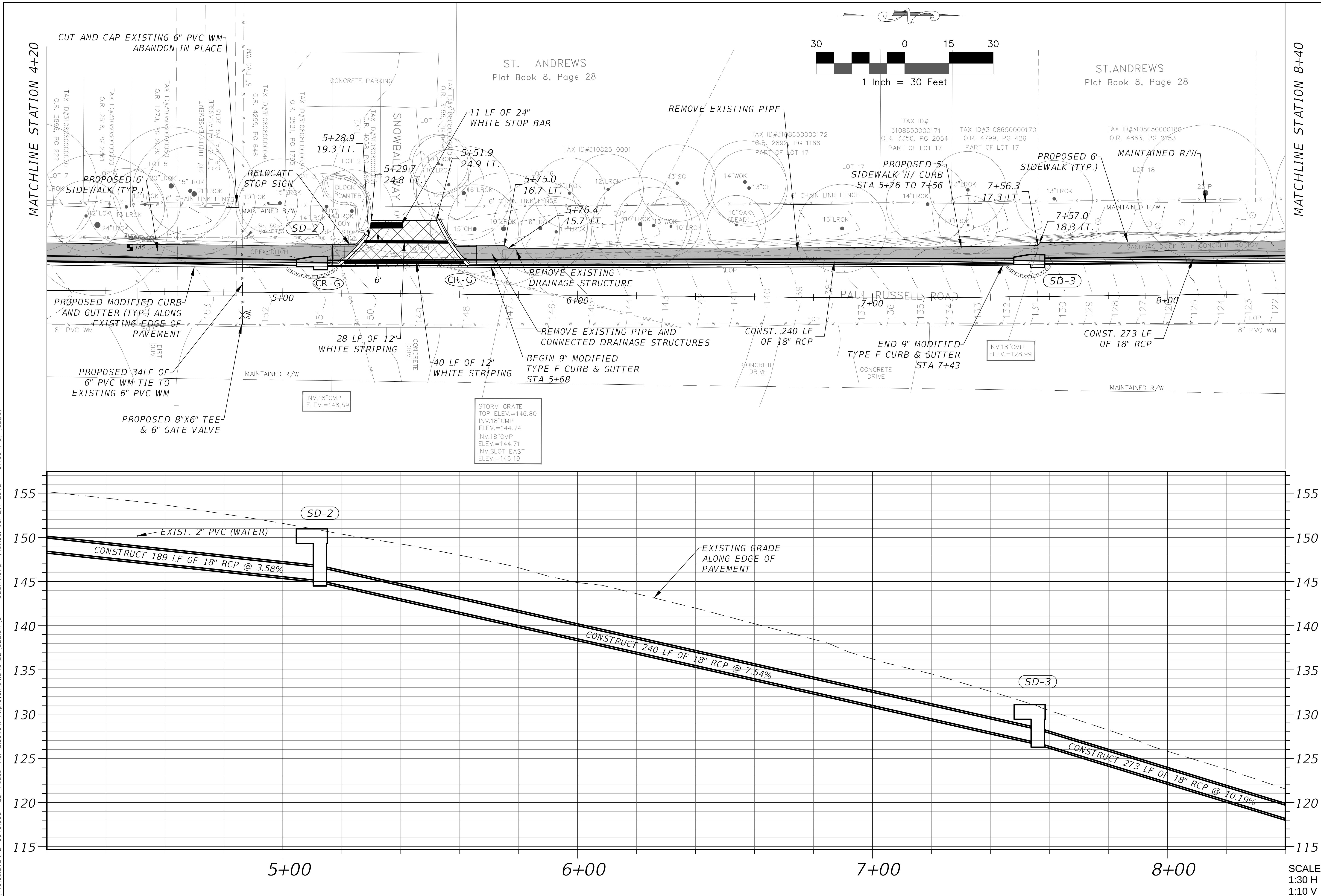

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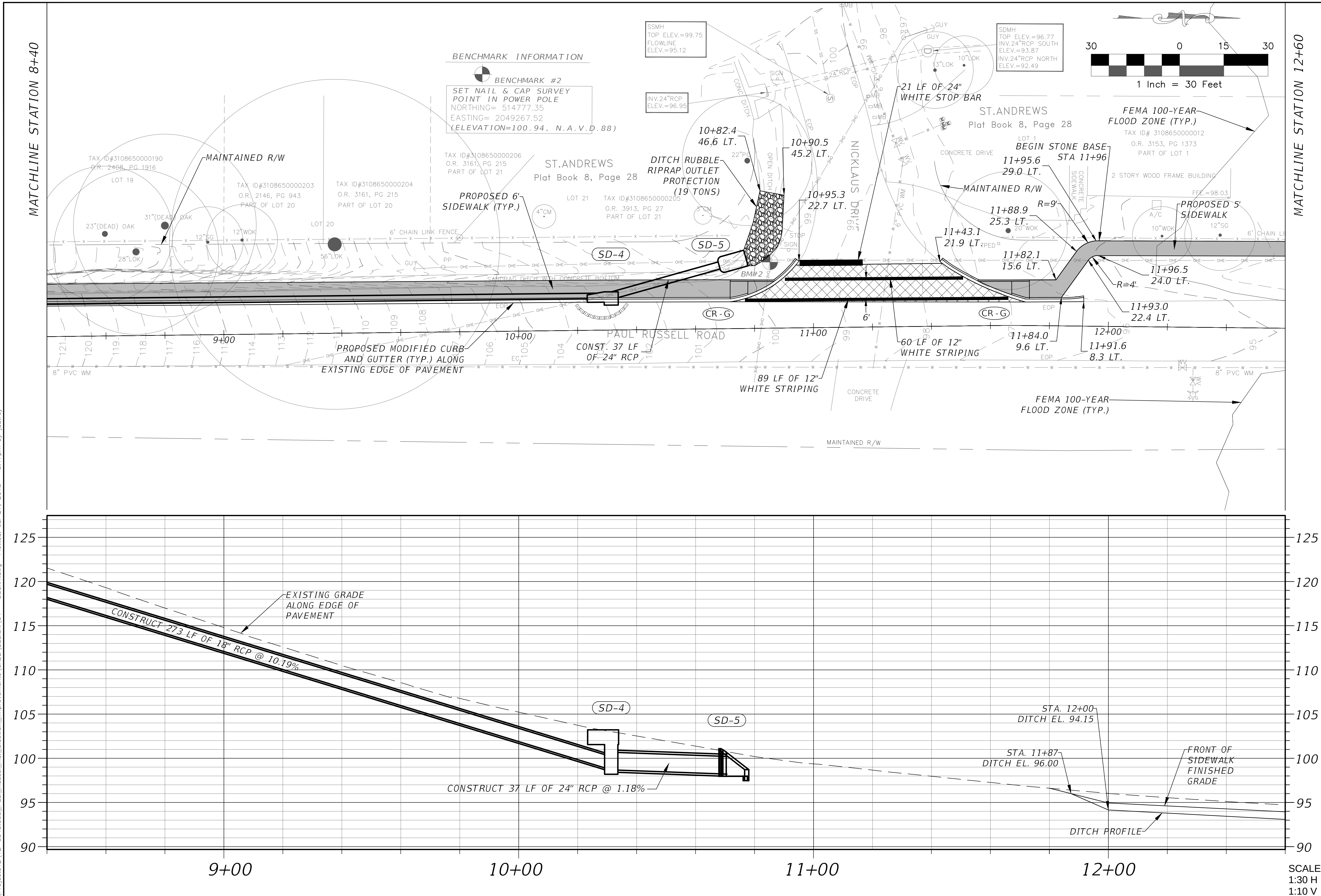

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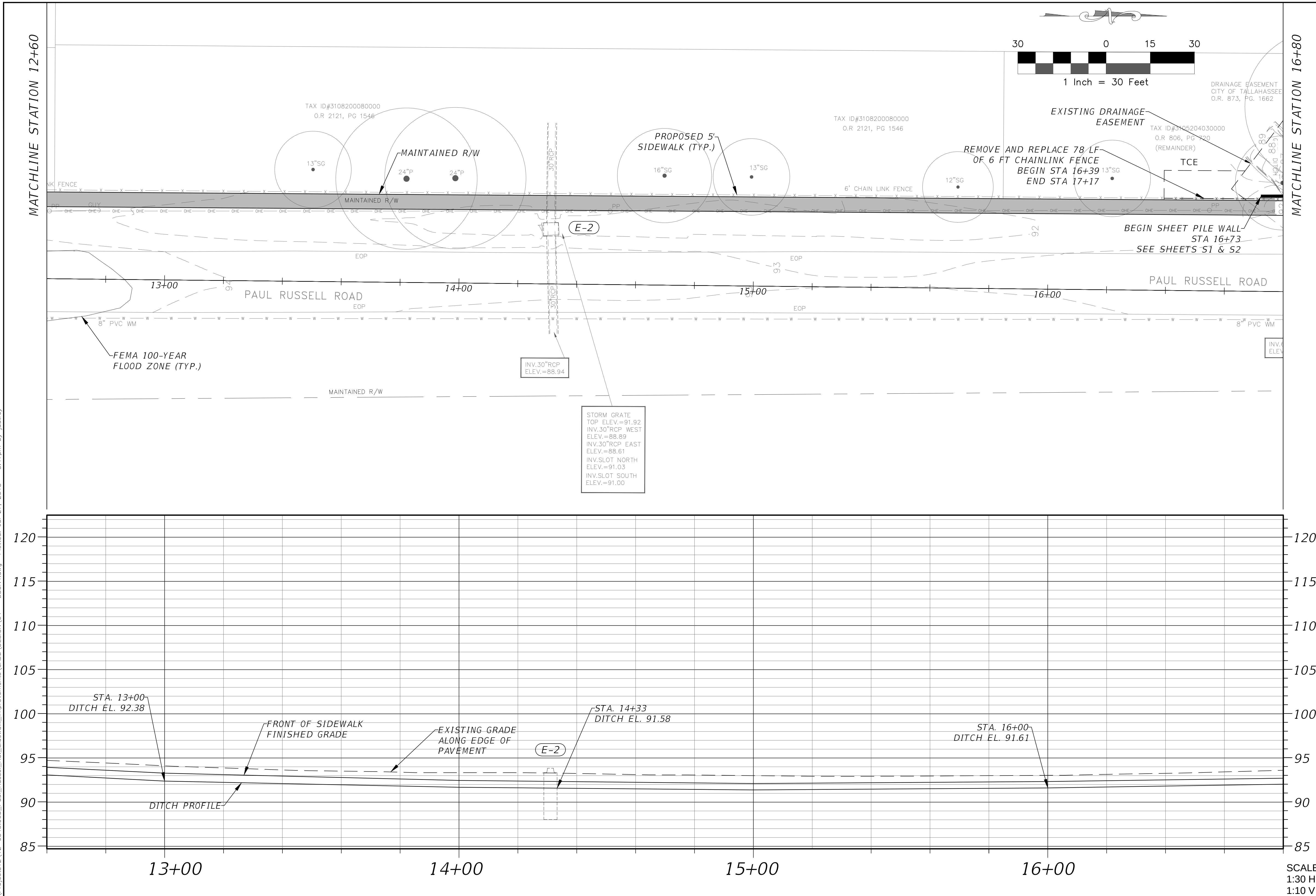

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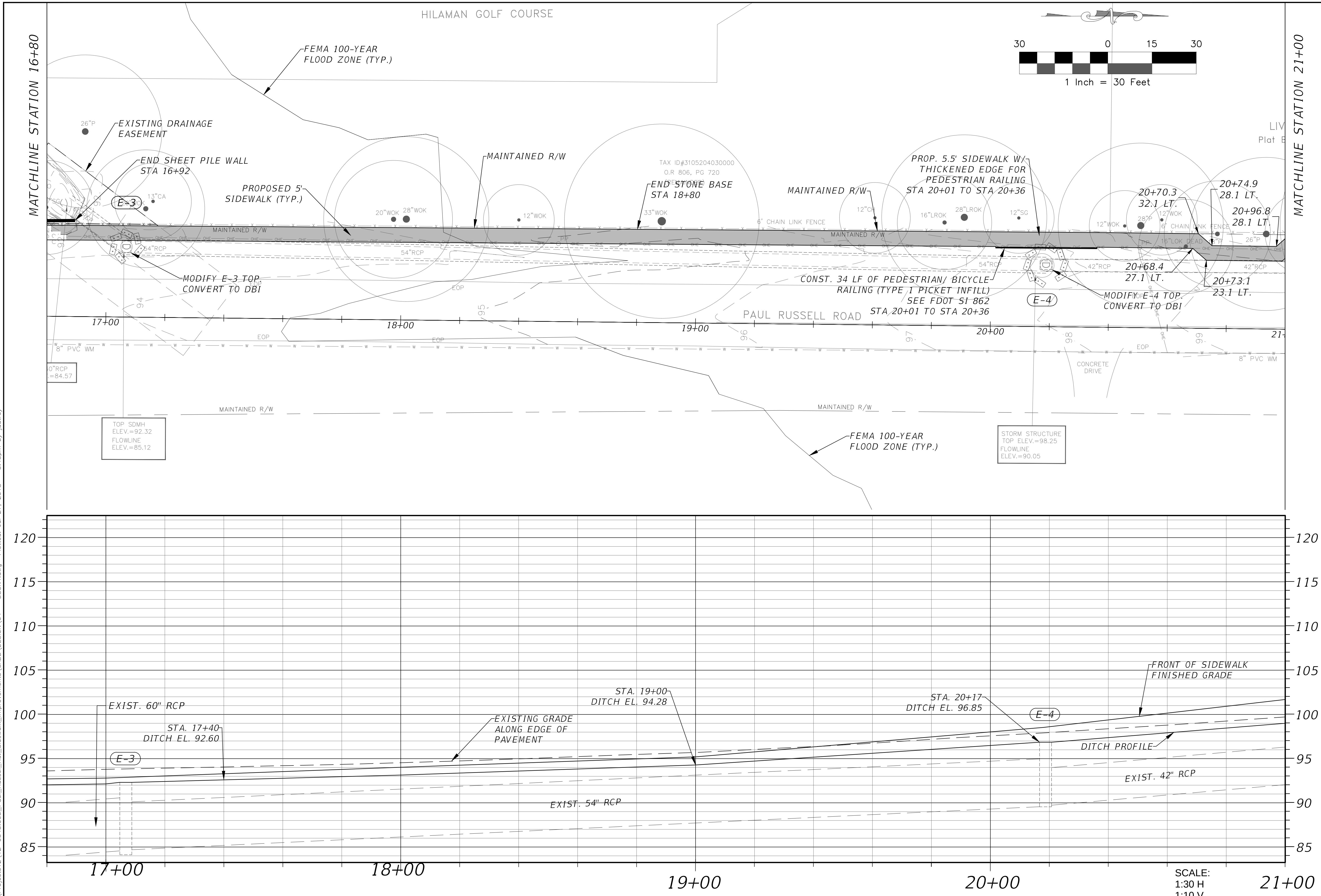

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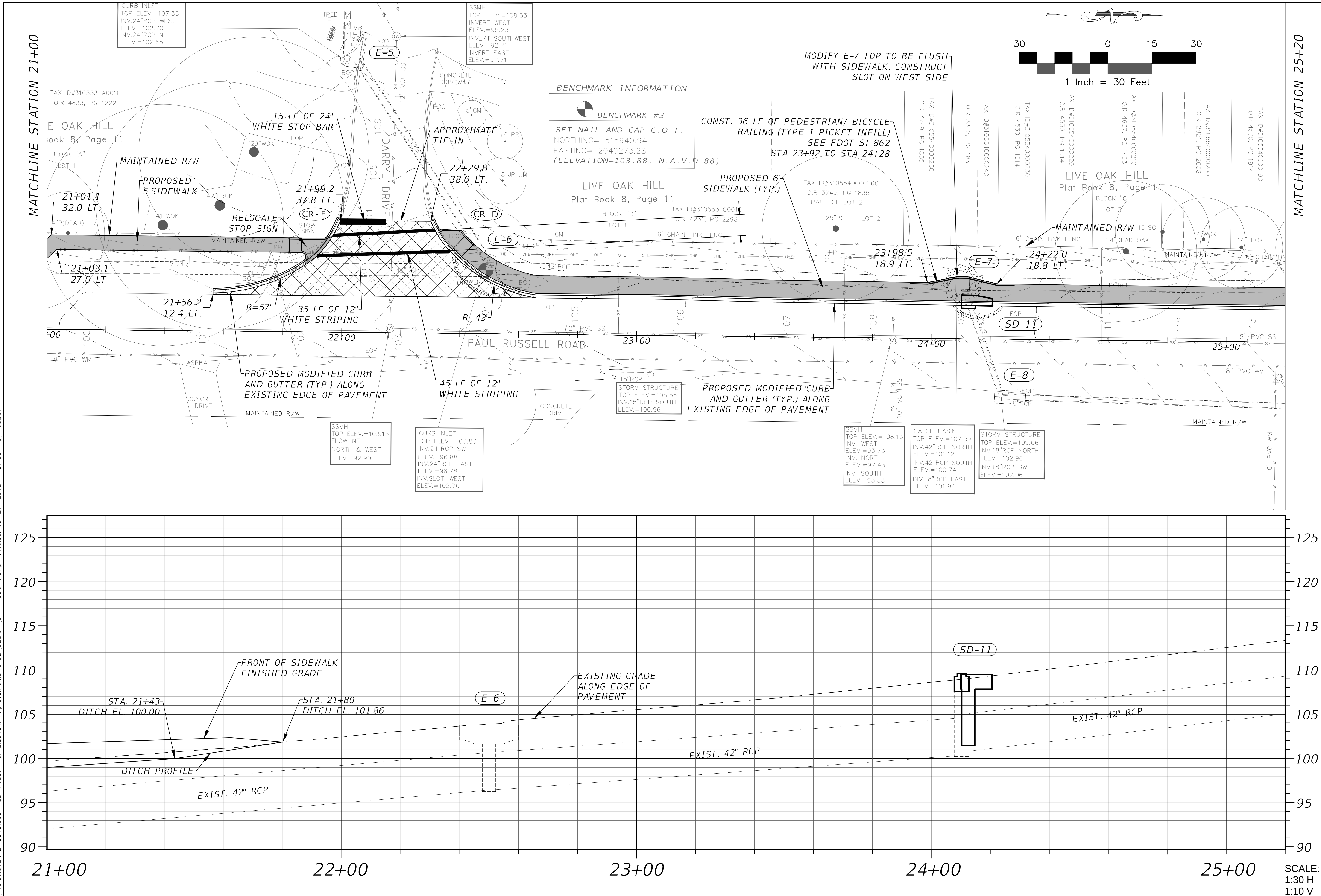

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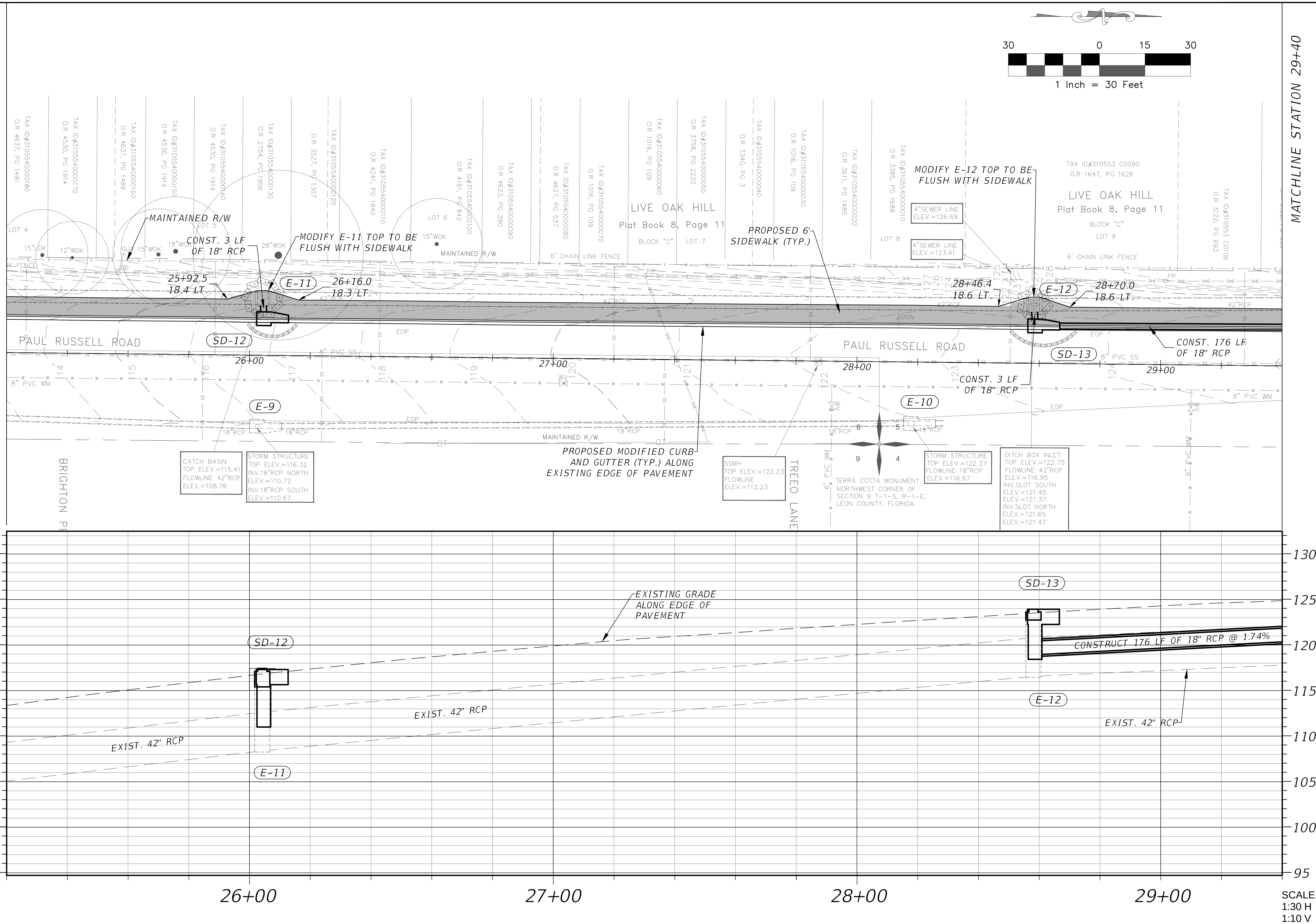

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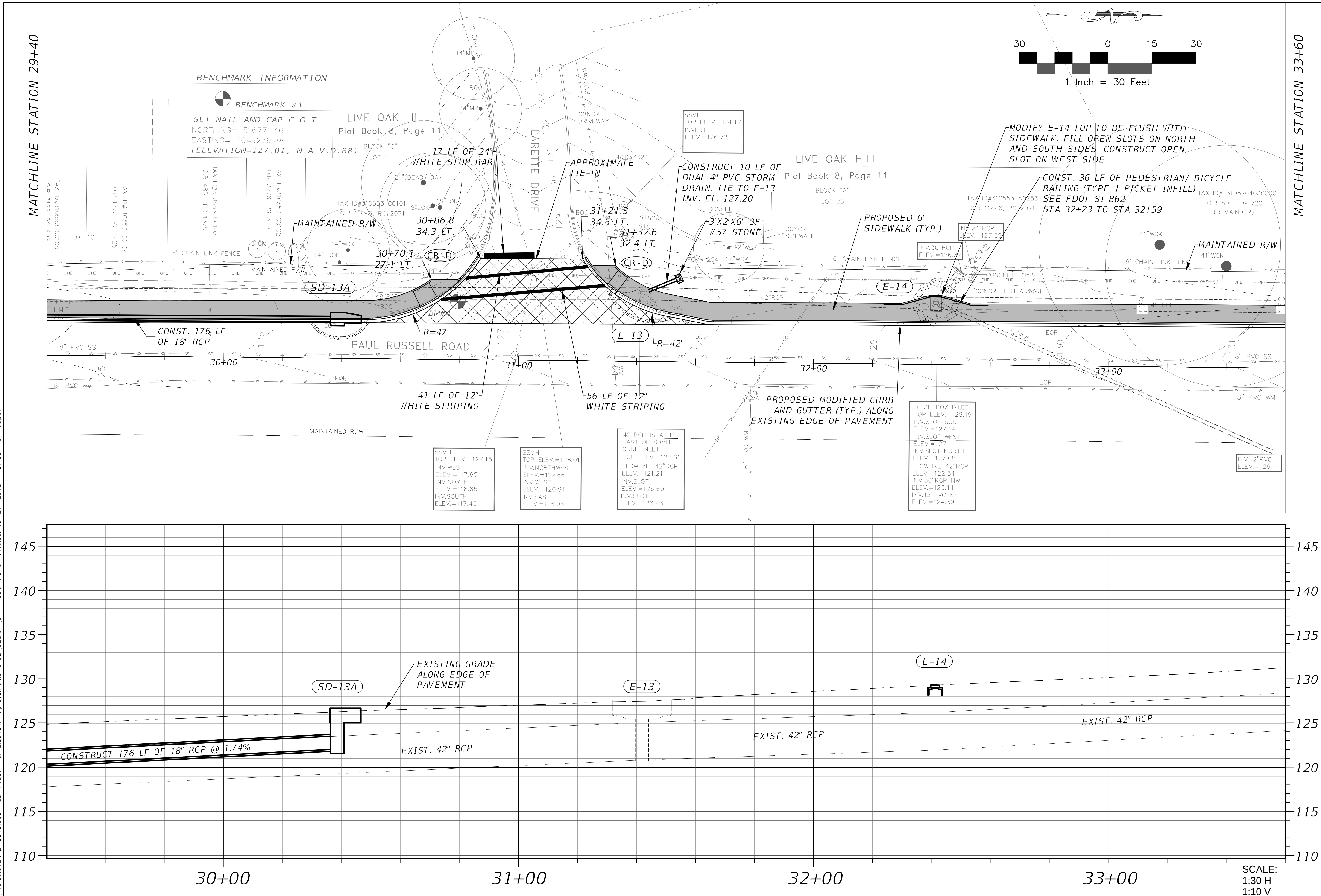

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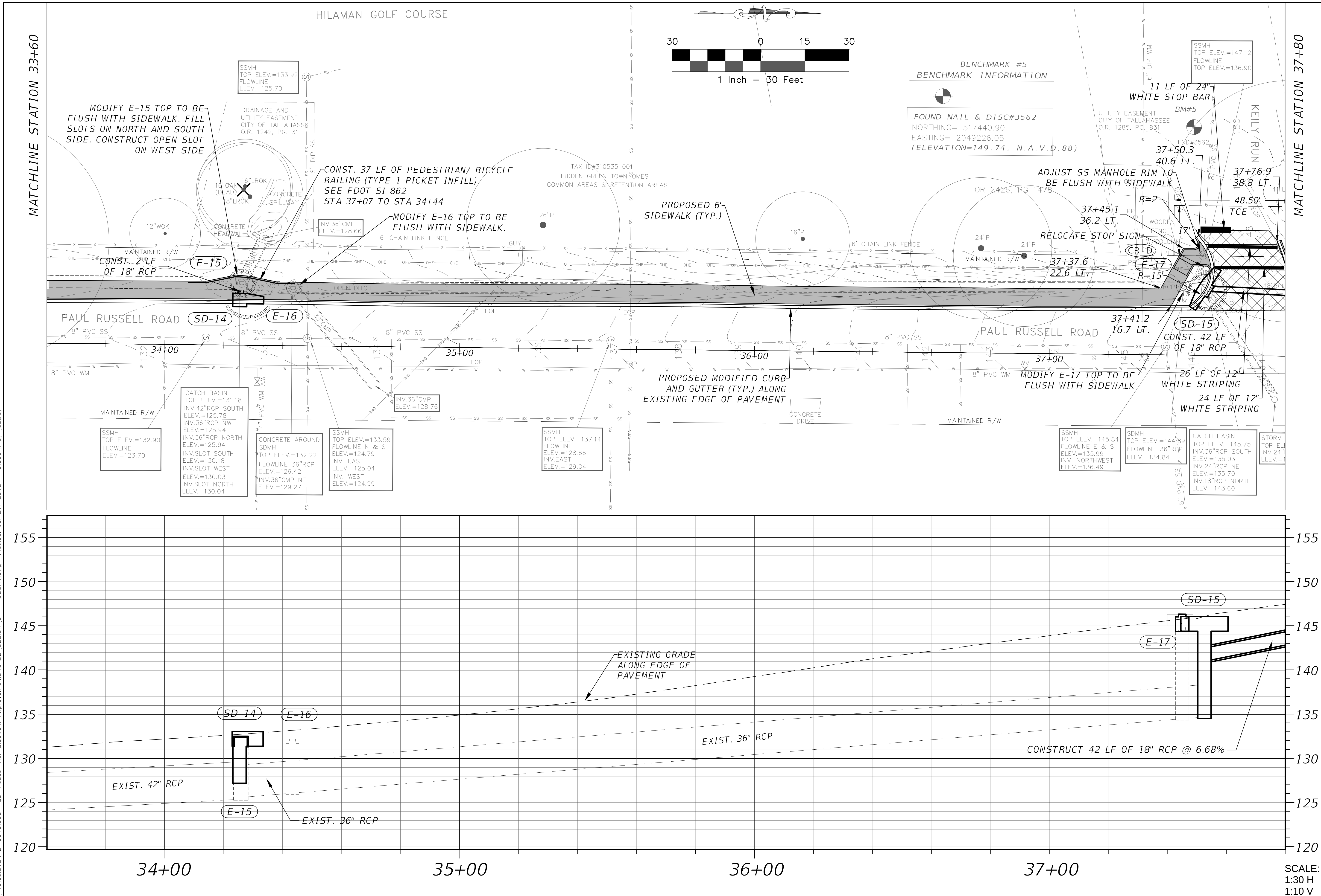

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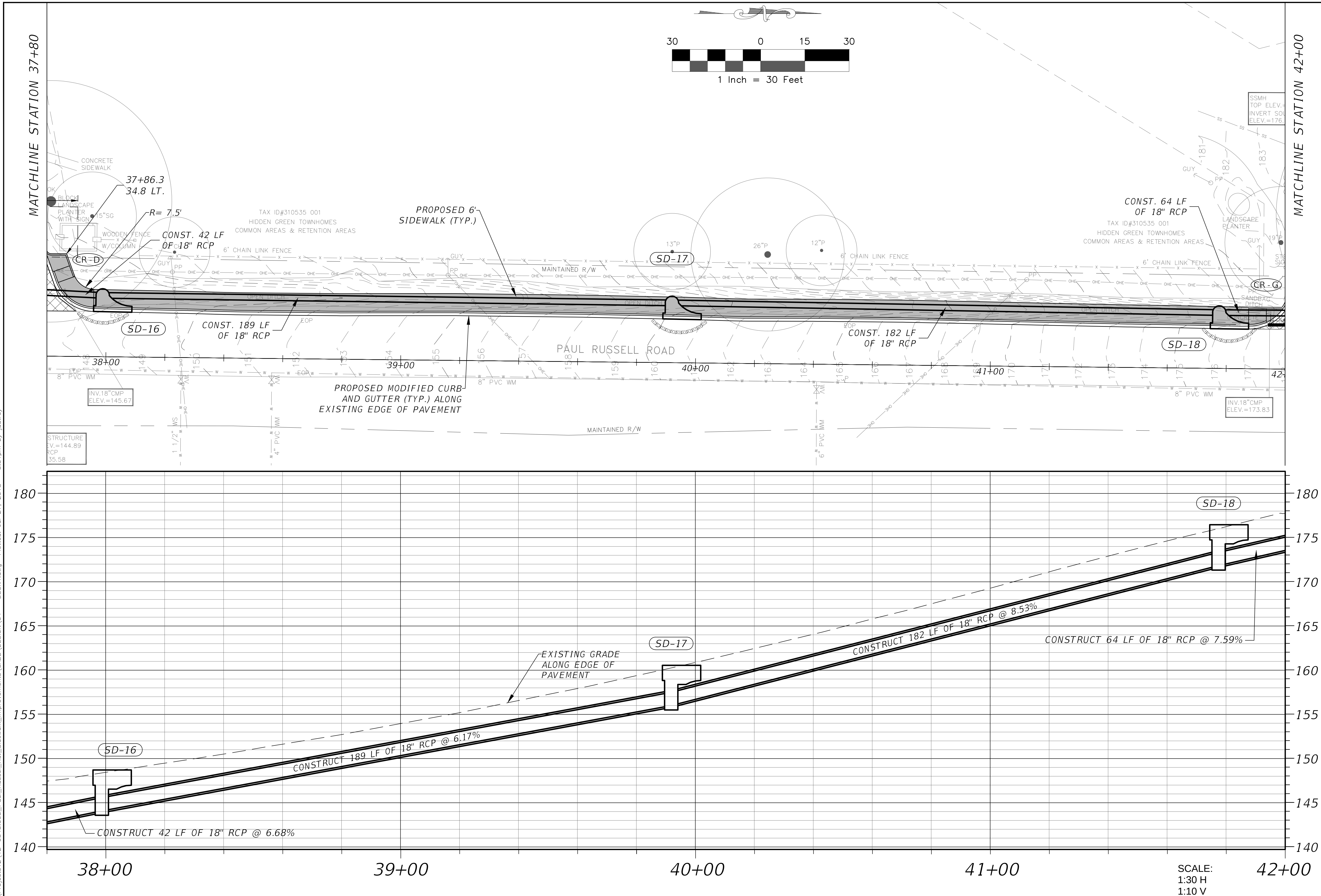

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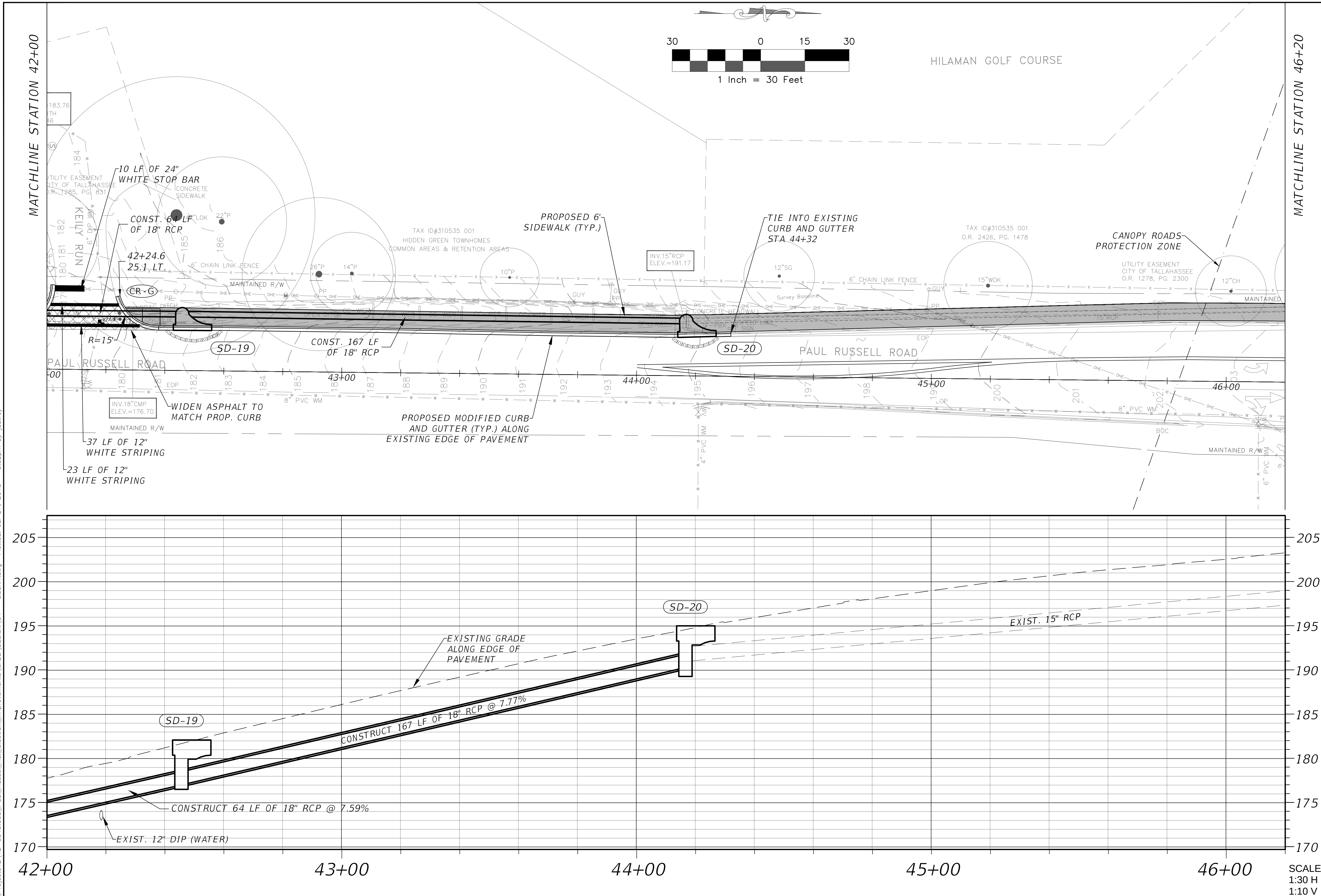

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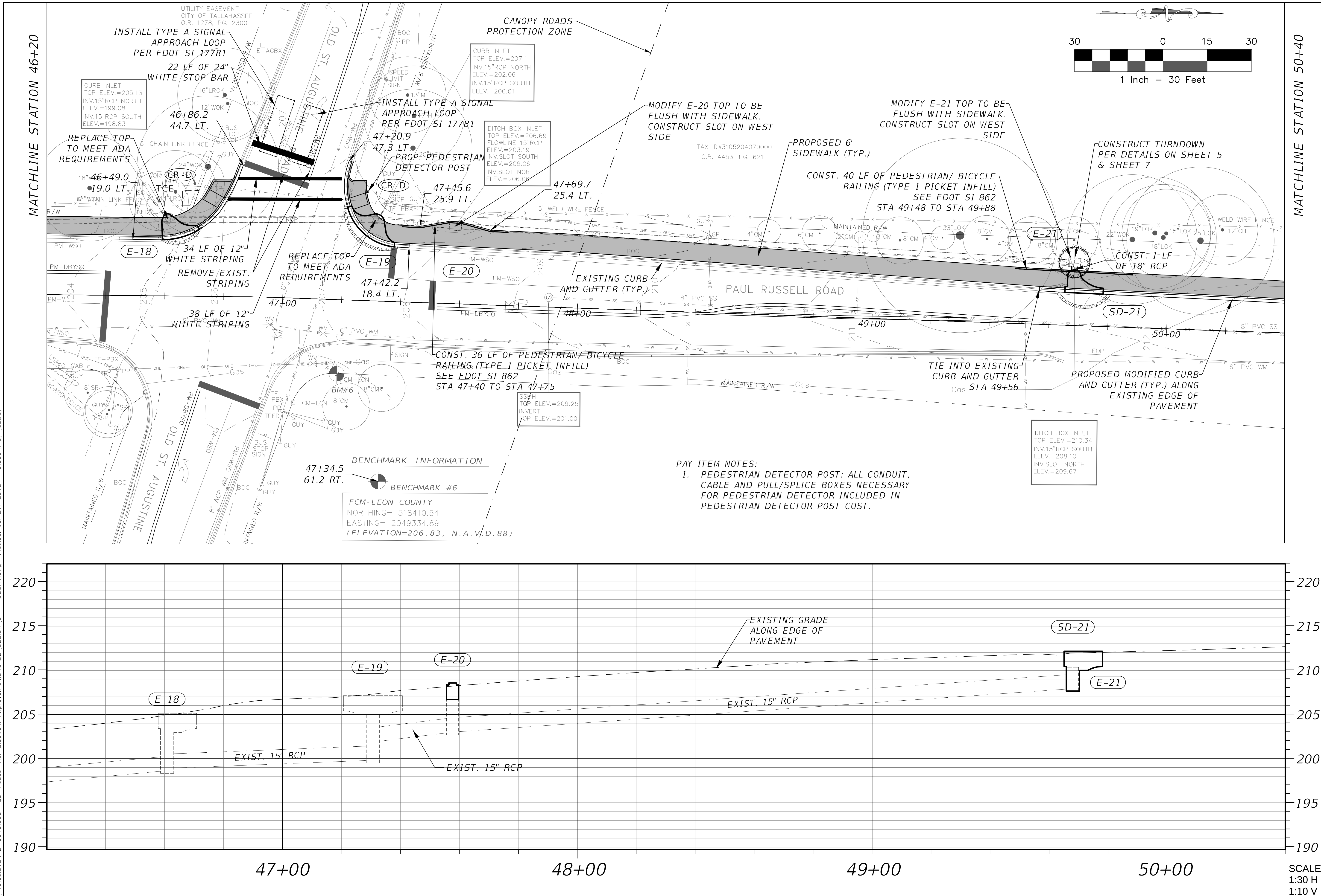

PAY ITEM NOTES:

1. PEDESTRIAN DETECTOR POST: ALL CONDUIT, CABLE AND PULL/SPLICE BOXES NECESSARY FOR PEDESTRIAN DETECTOR INCLUDED IN PEDESTRIAN DETECTOR POST COST.

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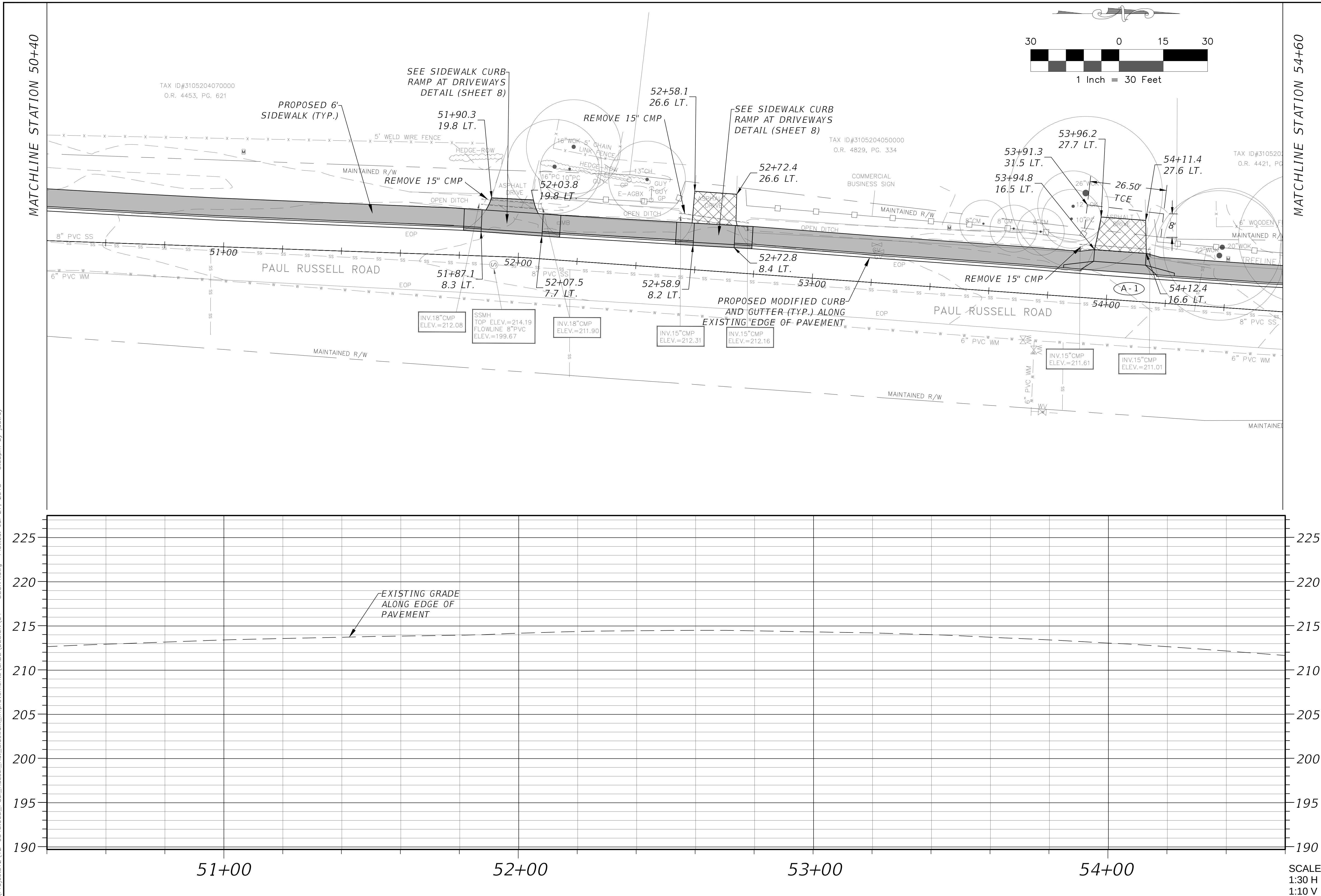

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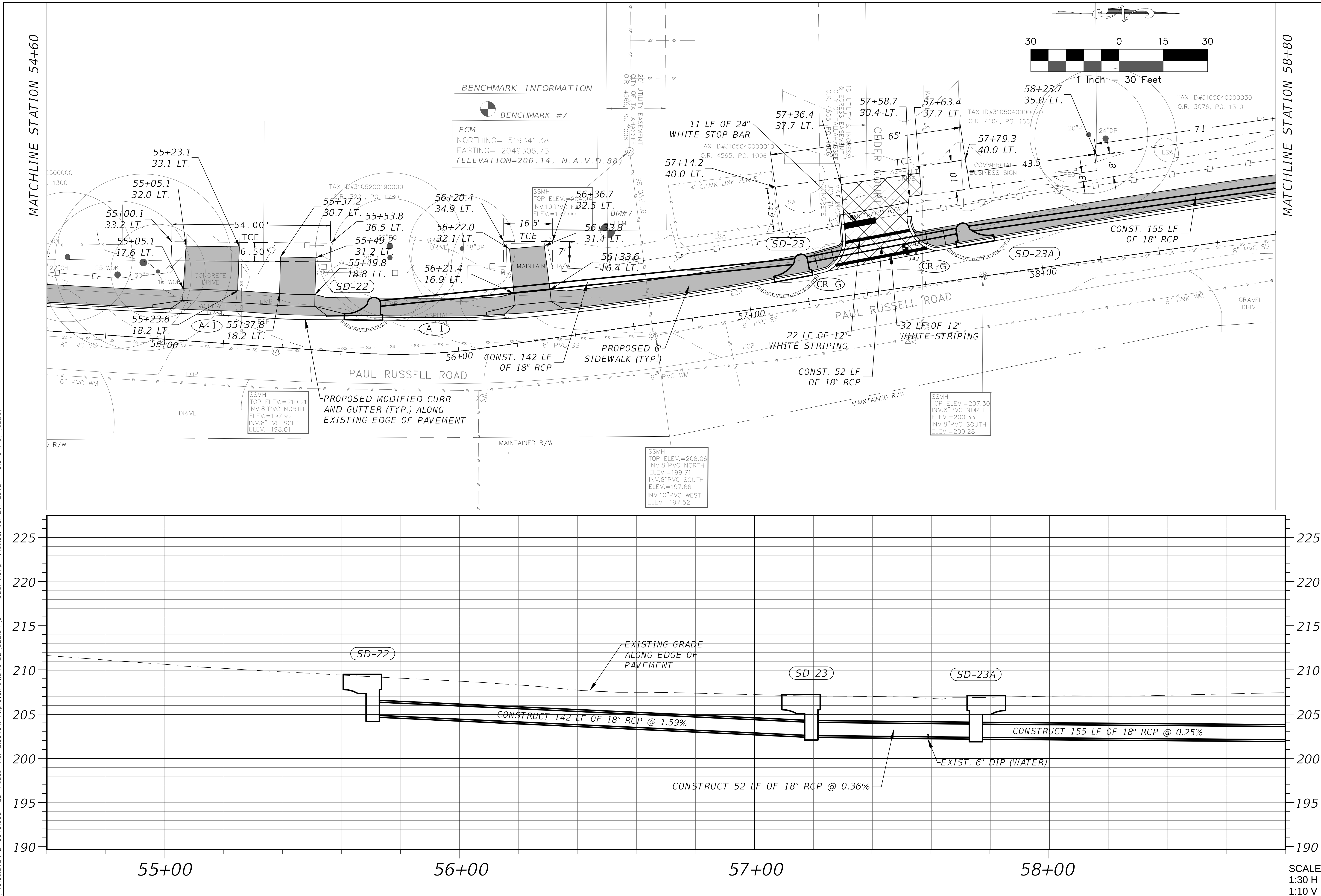

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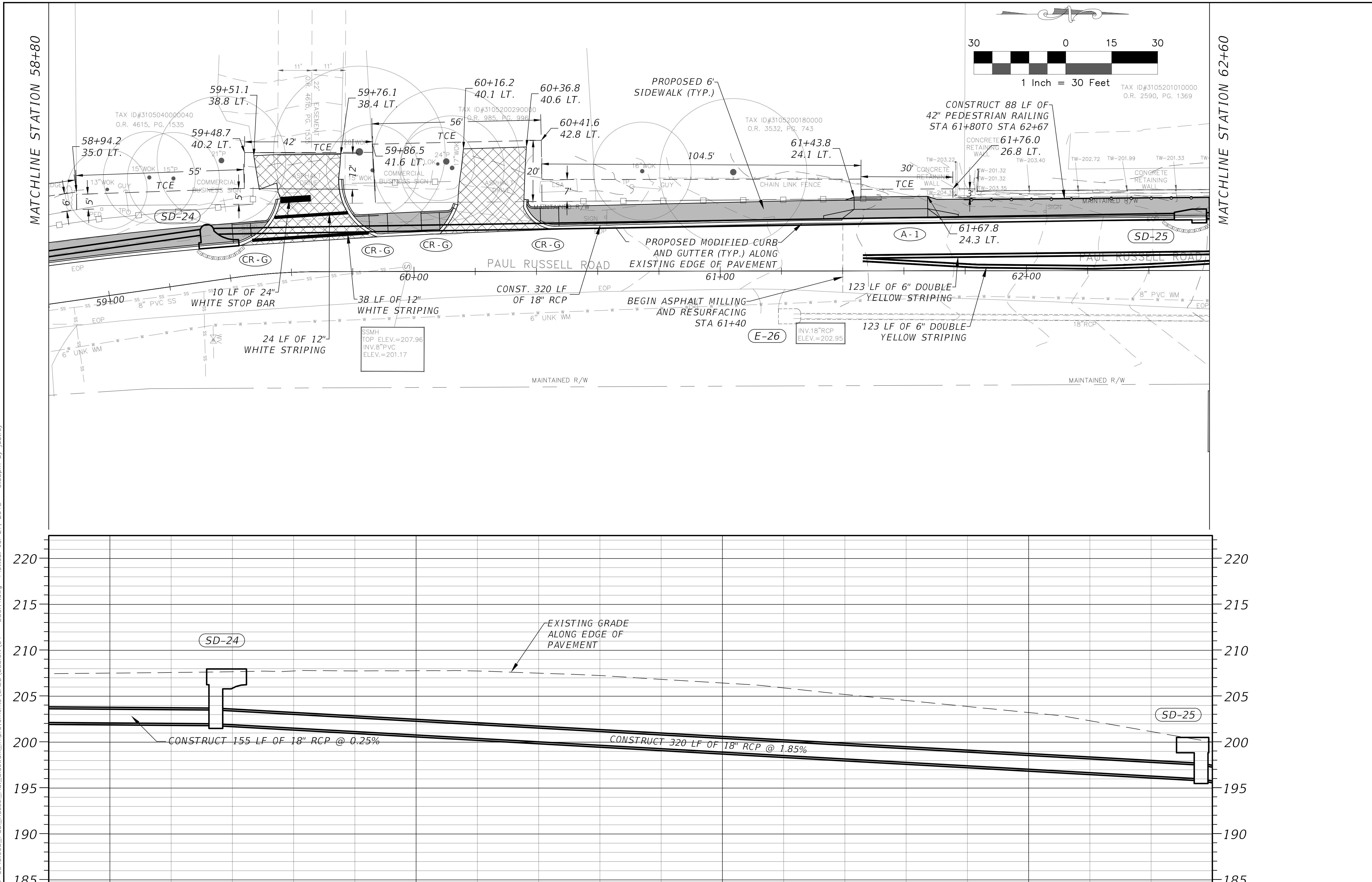
DRAWING: 22



SCALE:
1:30 H
1:10 V

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LEON COUNTY, FLORIDA

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Benjamin R. Lennon, P.E.
Florida Engineer # 78674

PROJECT NO.: 12-0345.003

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DATE: 04/30/18

DRAWING: 23

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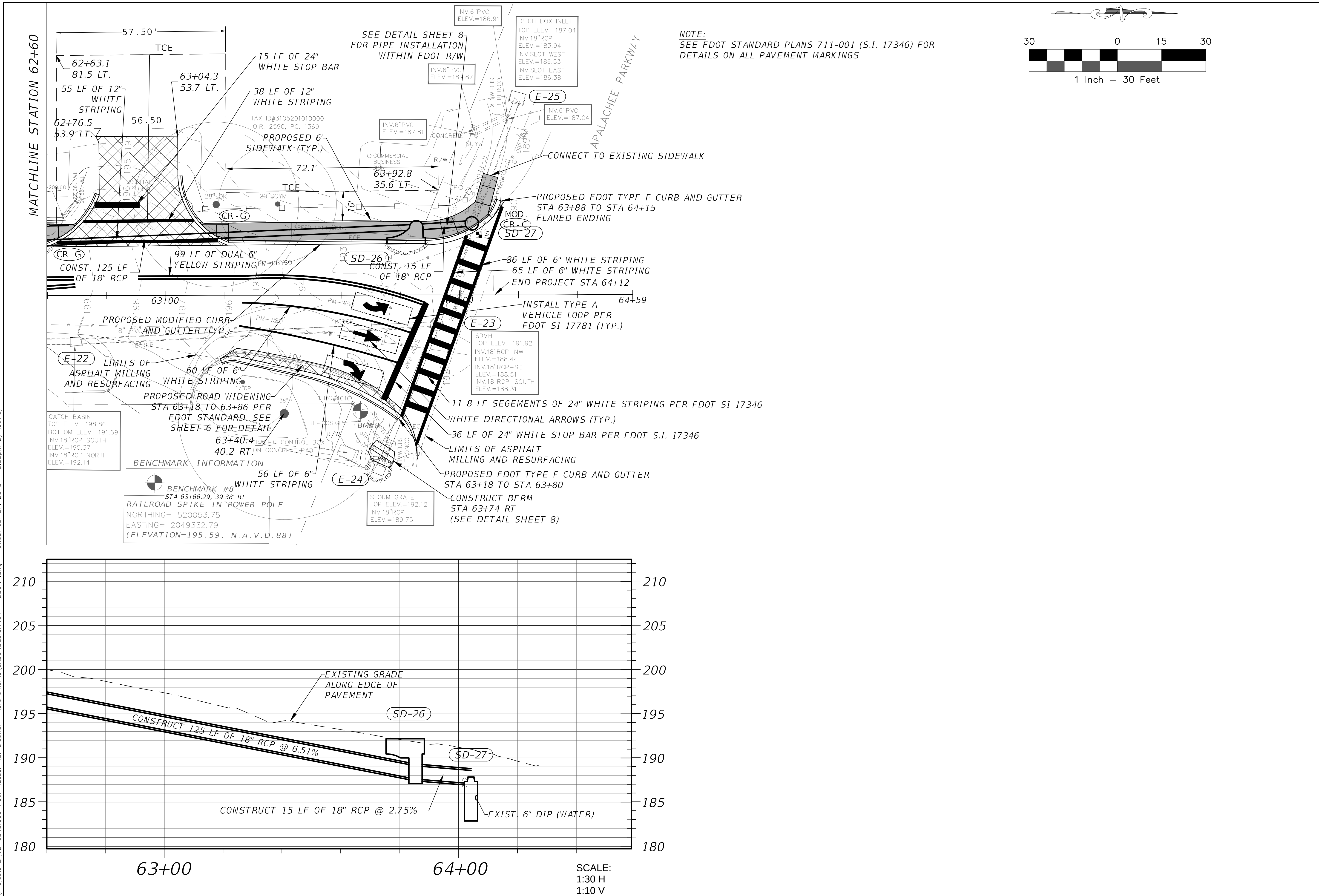

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PROJECT NO.: 12-0345.003

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DRAWING: 24

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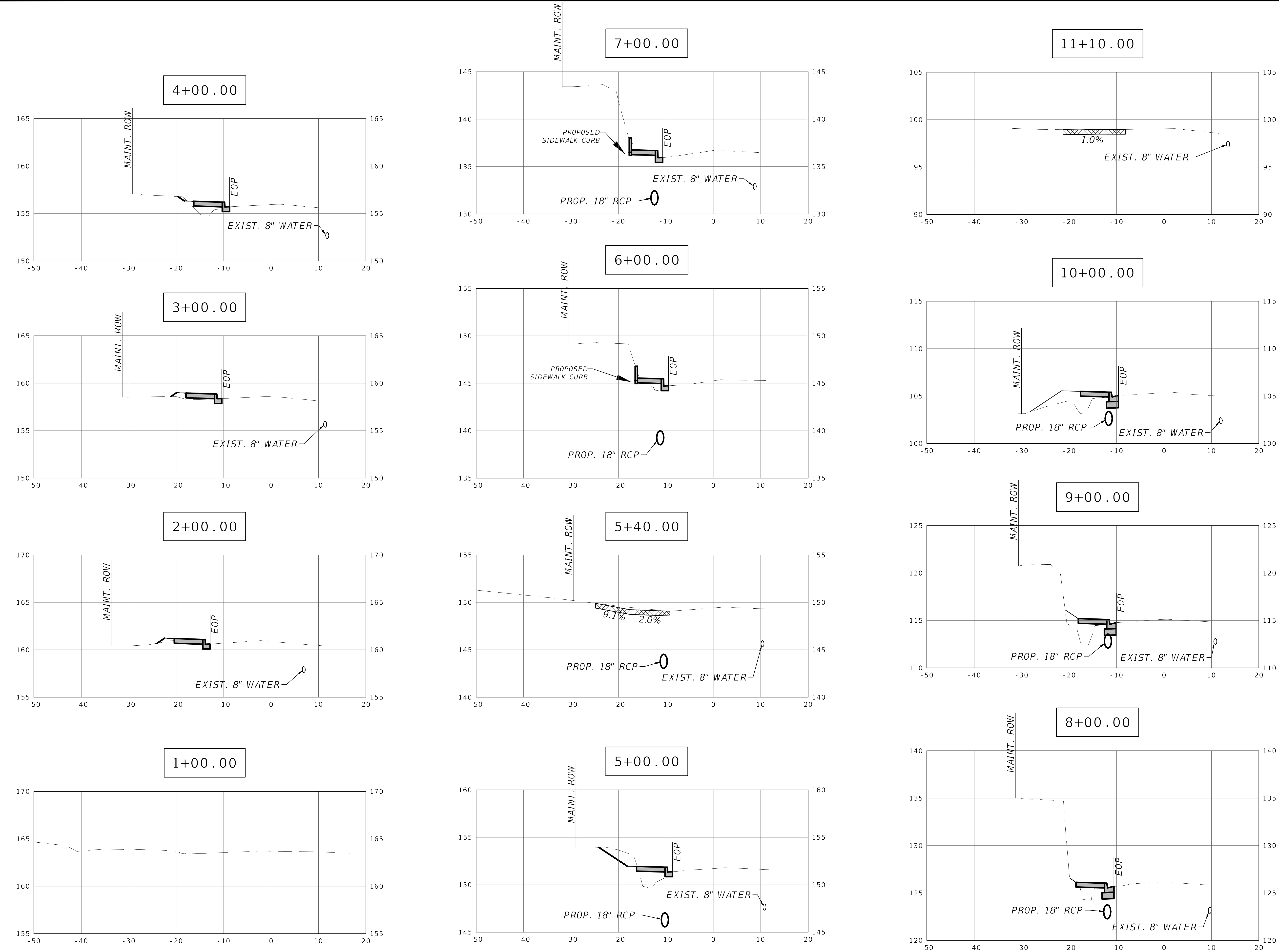

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PROJECT NO.: 12-0345.003

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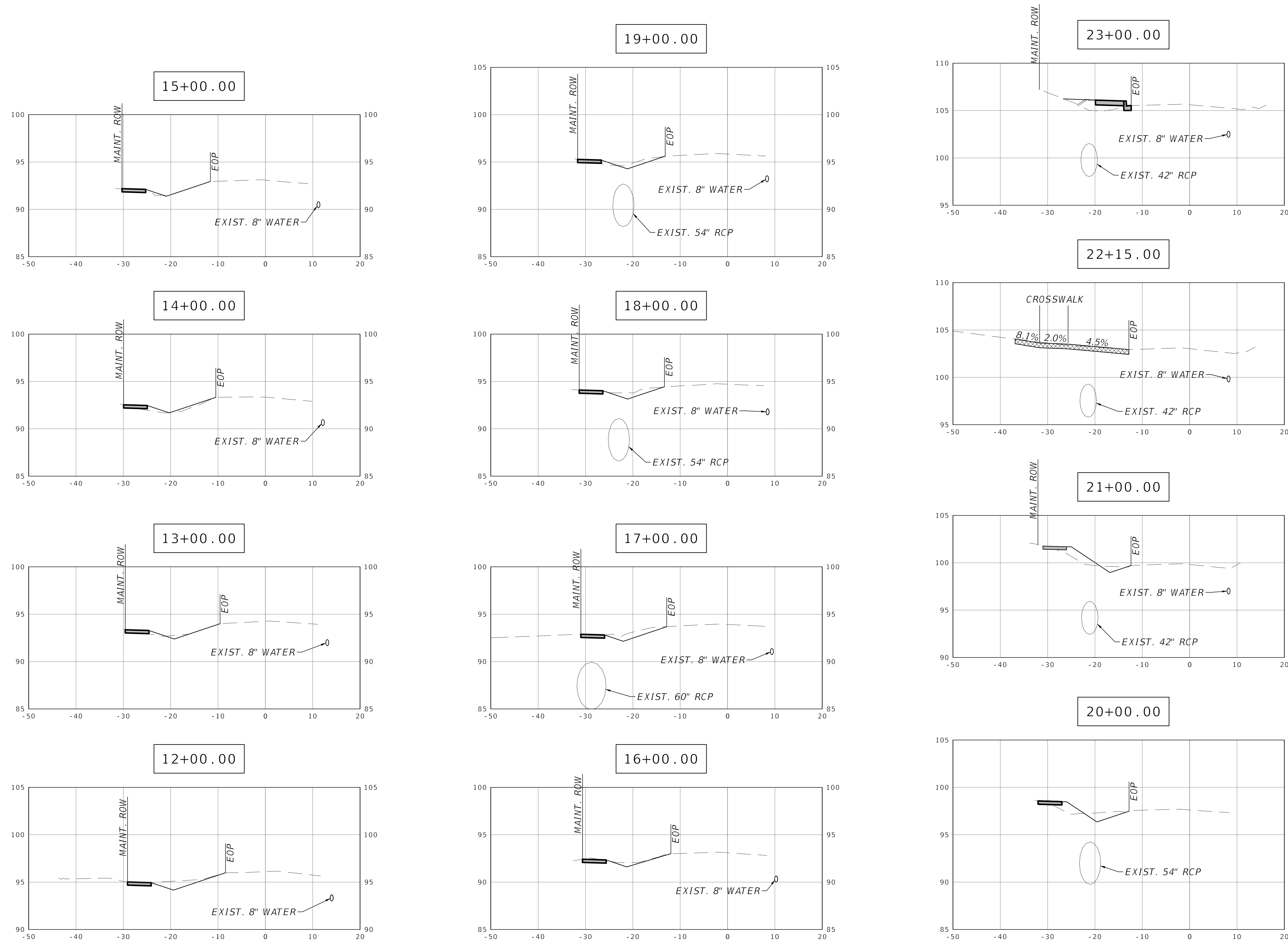
DRAWING: 25



SCALE:
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PROJECT NO.: 12-0345.003
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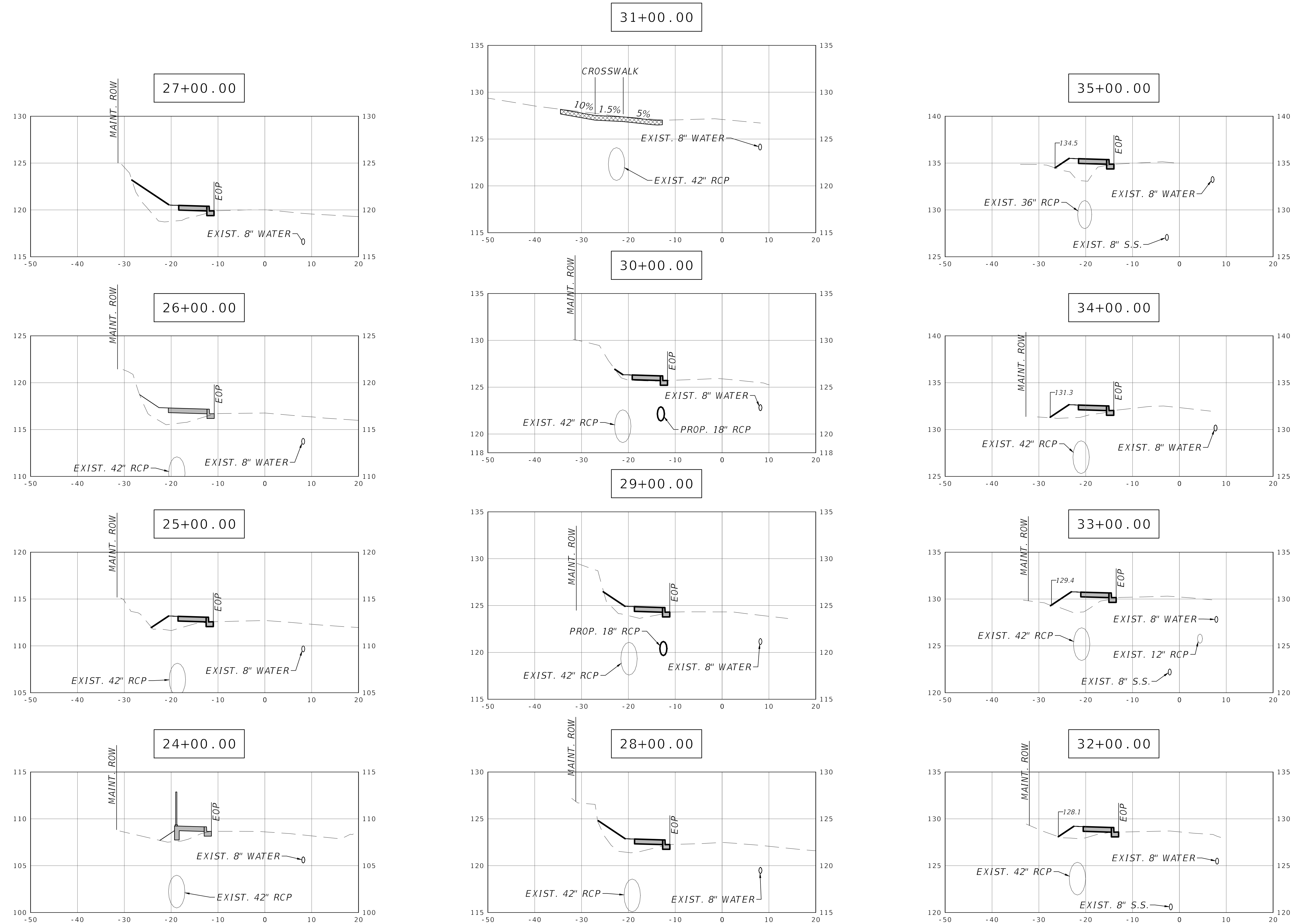
DRAWING: 26



SCALE:
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1:10 V

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PROJECT NO.: 12-0345.003
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DRAWING: 27

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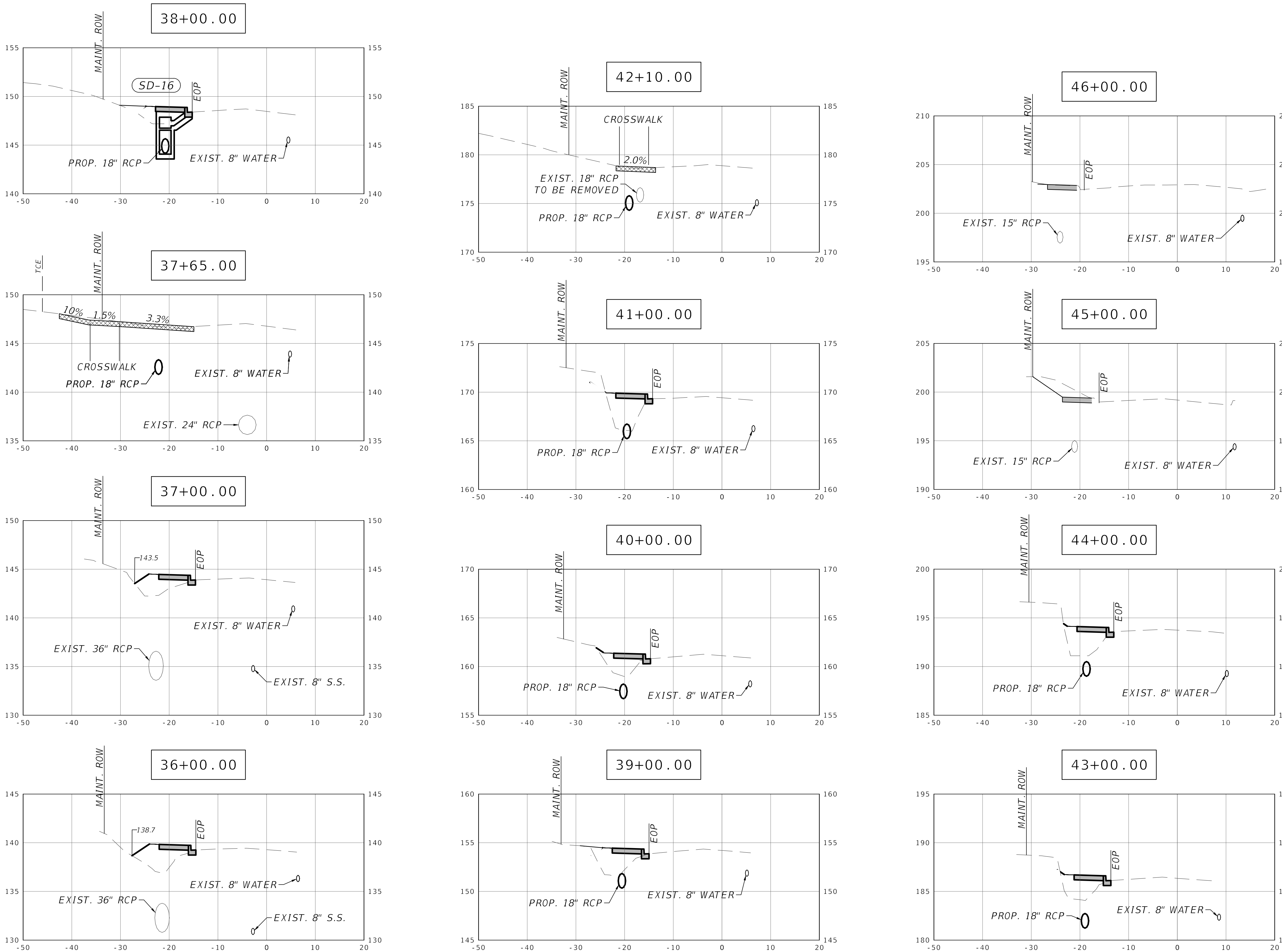

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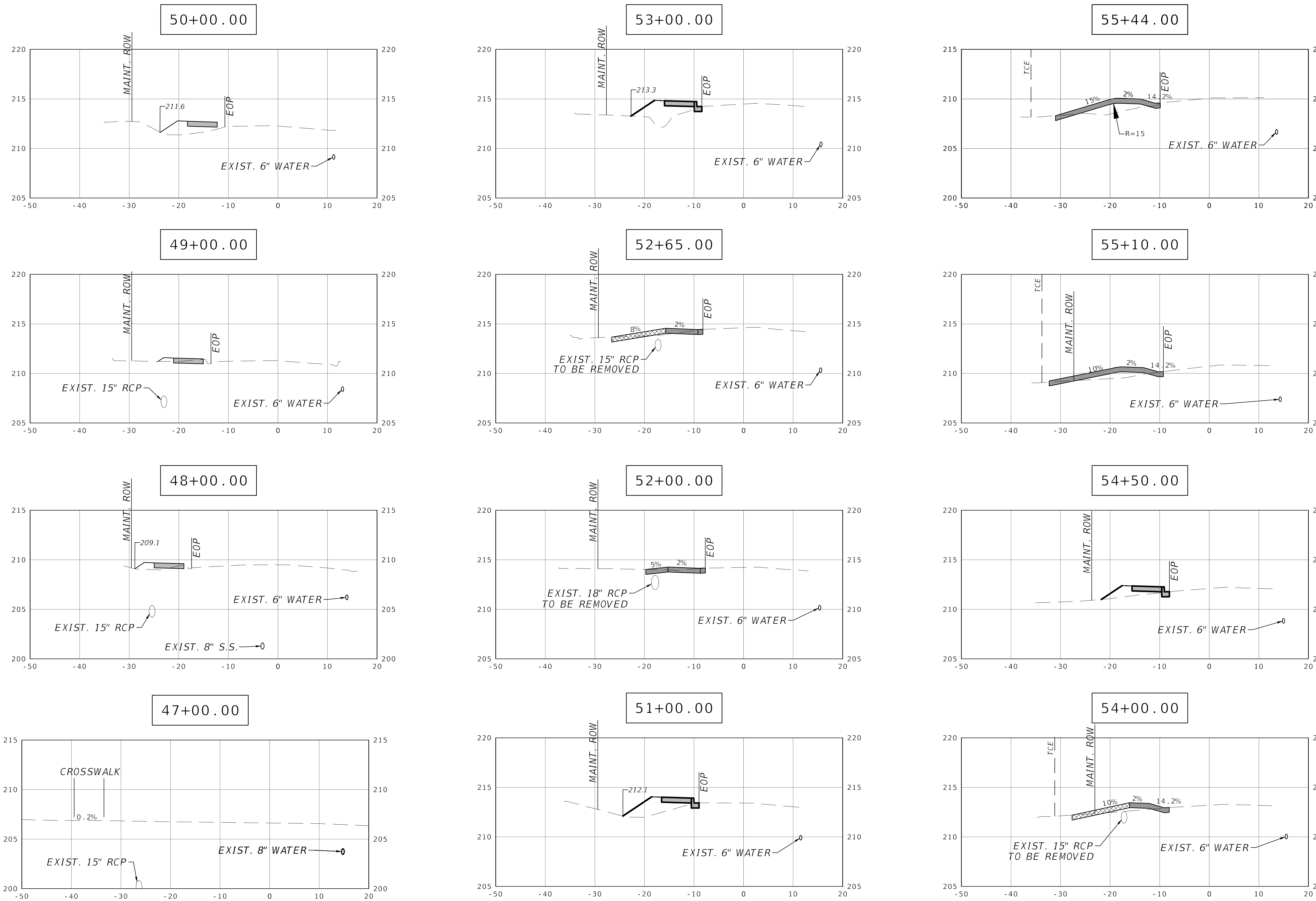

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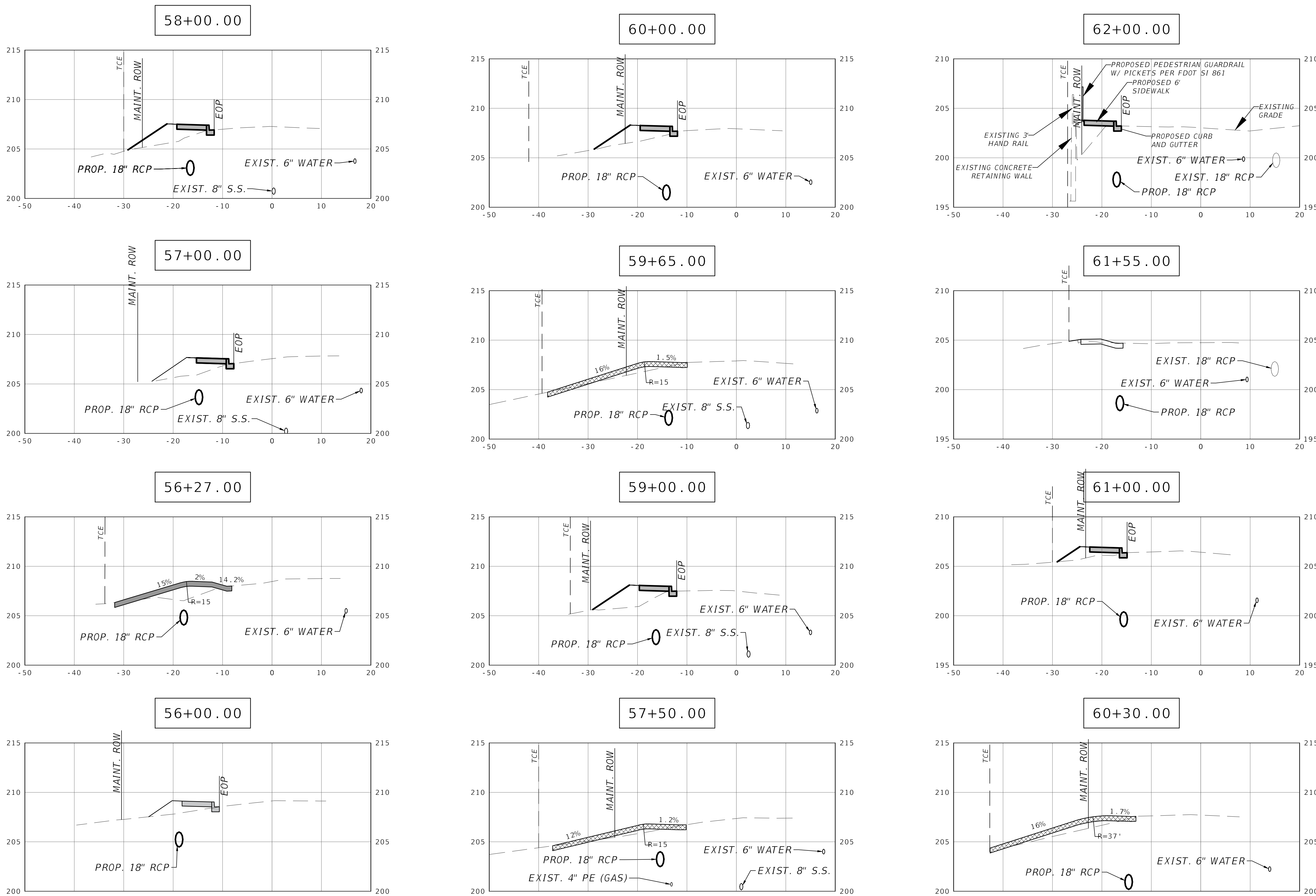
DATE: 04/30/18
DRAWING: 29



SCALE:
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PROJECT NO.: 12-0345.003
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DRAWING: 30

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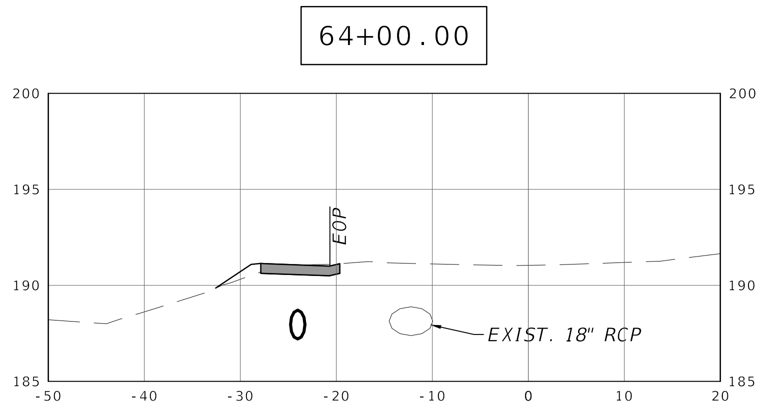

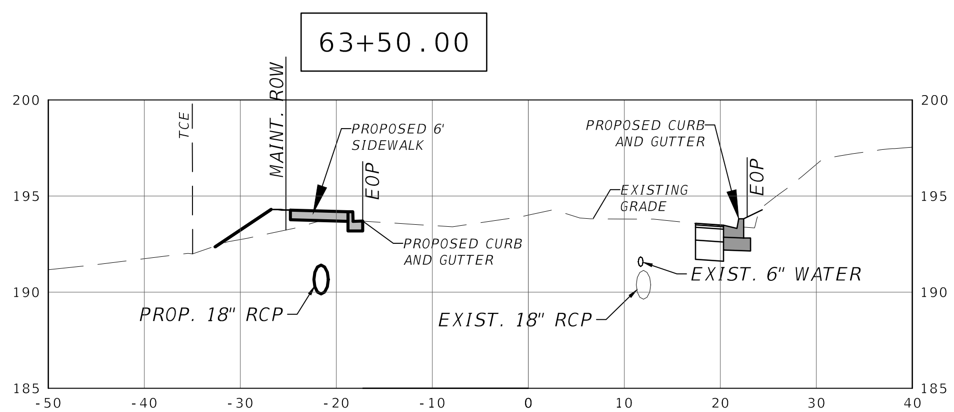

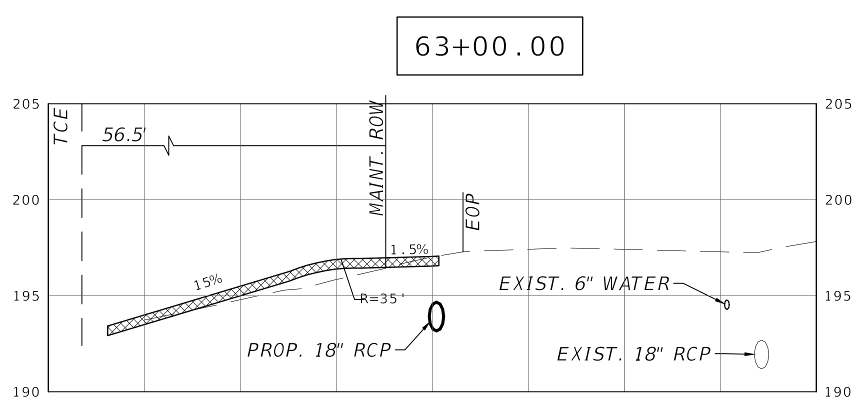

SCALE:
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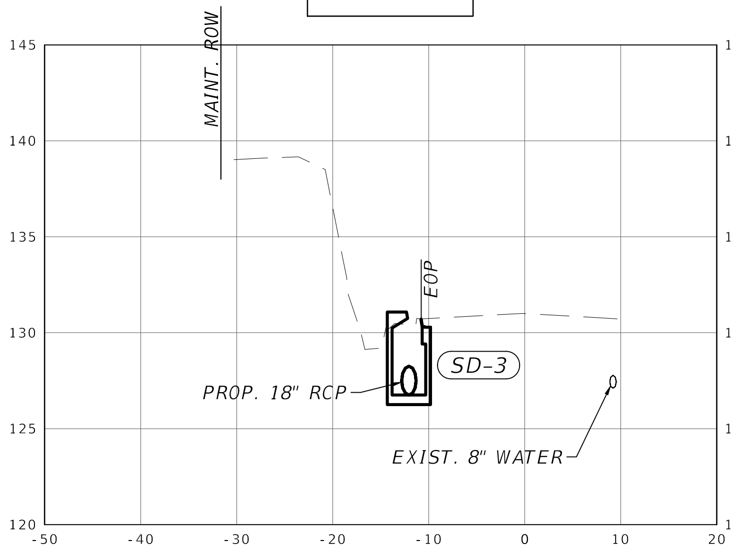
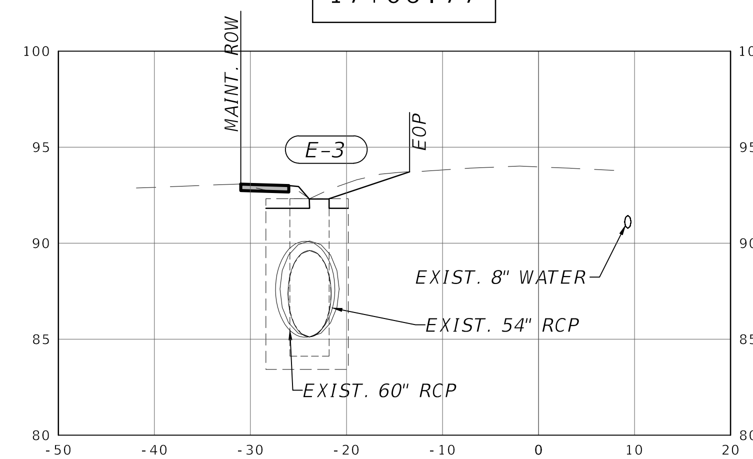
PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/30/18
DRAWING: 31

7+56.07



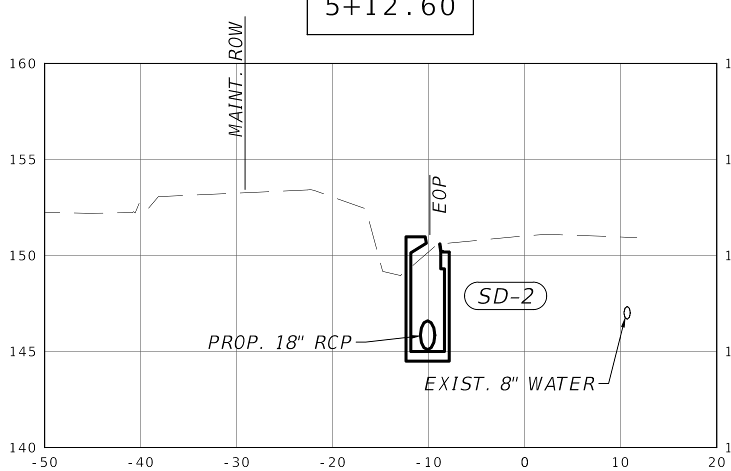
SD-3
STA 7+56.07 (12.06 Lt.)
CONST. CURB INLET TYPE 5 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 130.71
FL 126.75 (N)
FL 126.75 (S)

17+06.77



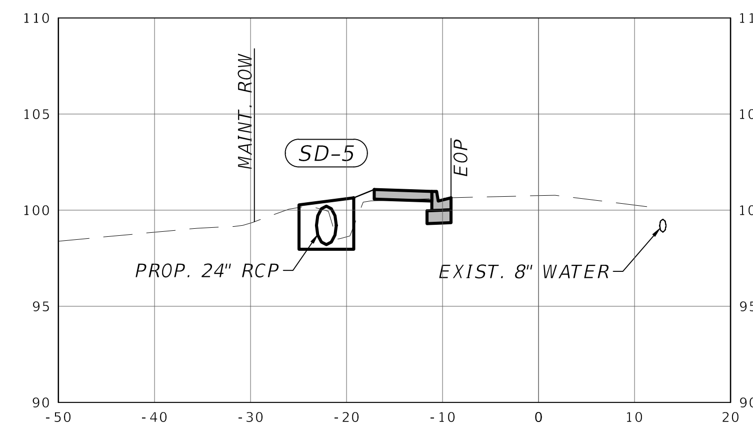
E-3
STA 17+06.77 (23.85 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 92.32
CONVERT TOP TO DBI-TYPE C

5+12.60



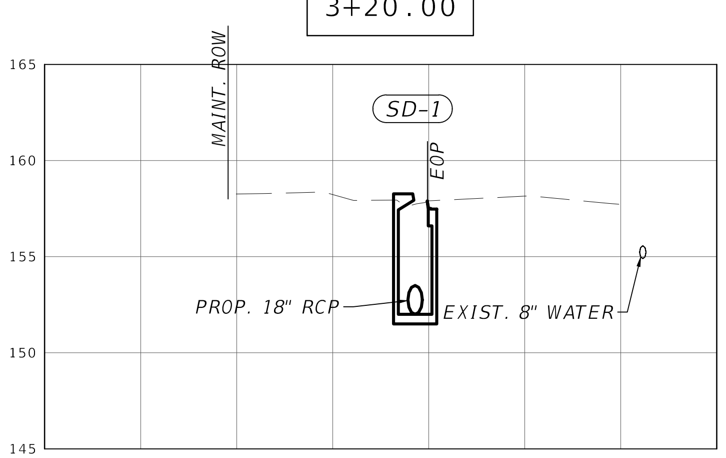
SD-2
STA 5+12.60 (10.11 Lt.)
CONST. CURB INLET TYPE 5 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 150.60
FL 145.10 (N)
FL 145.10 (S)

10+70.60



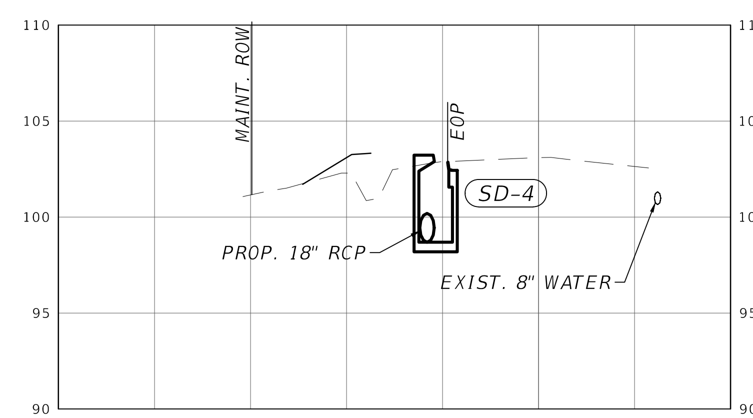
SD-5
STA 10+70.60 (22.09 Lt.)
CONST. MITERED END SECTION (1:4)
INDEX NO. 272
FL 98.21 (S)

3+20.00



SD-1
STA 3+20.00 (11.42 Lt.)
CONST. CURB INLET TYPE 5 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 157.89
FL 152.00 (N)

10+31.37



SD-4
STA 10+31.37 (10.72 Lt.)
CONST. CURB INLET TYPE 5 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 102.85
FL 98.69 (N)
FL 98.69 (S)

SCALE:
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1:10 V

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Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/30/18
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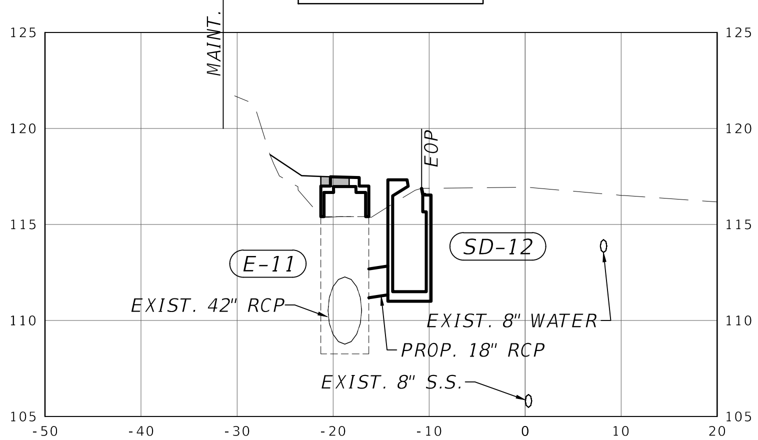
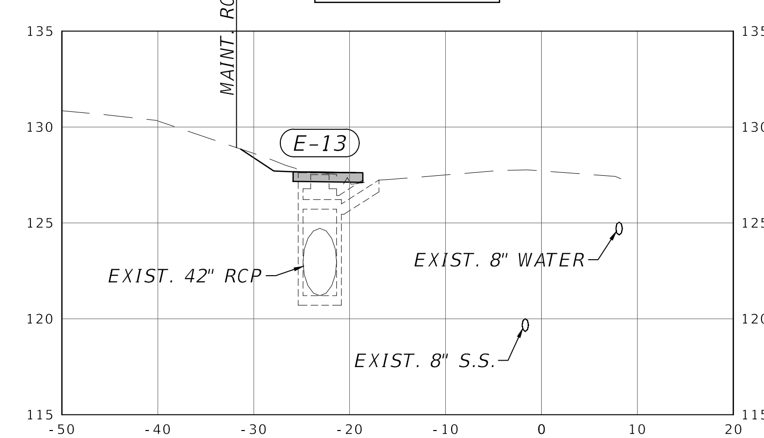
26+04.73



SD-12
STA 26+04.73 (12.04 Lt.)
CONST. CURB INLET TYPE 5 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 116.95
FL 111.50 (W)

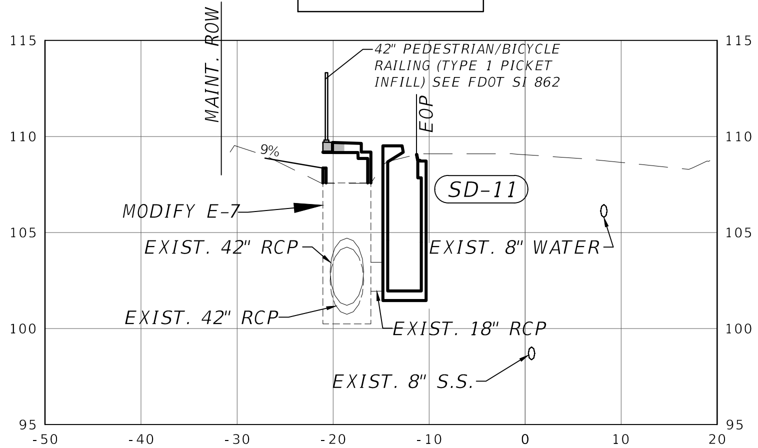
E-11
STA 26+04.22 (18.78 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 117.44
CONVERT TOP TO MANHOLE

31+41.85



E-13
STA 31+41.85 (23.11 Lt.)
CONST. CURB INLET TYPE 2 TOP
INDEX NO. 200, 201, 210
RIM EL. 127.61
FL 125.20 (NW) (DUAL 4" PVC)
FL 121.21 (N)
FL 121.21 (S)

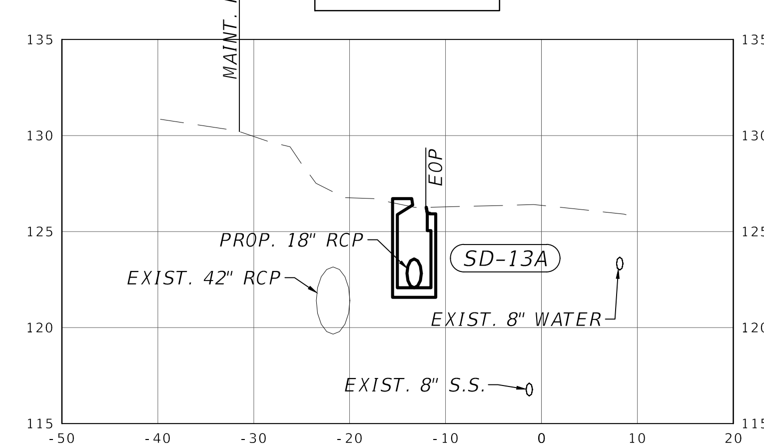
24+12.54



SD-11
STA 24+12.54 (12.56 Lt.)
CONST. CURB INLET TYPE 5 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 109.15
FL 101.96 (E)
FL 101.96 (W)

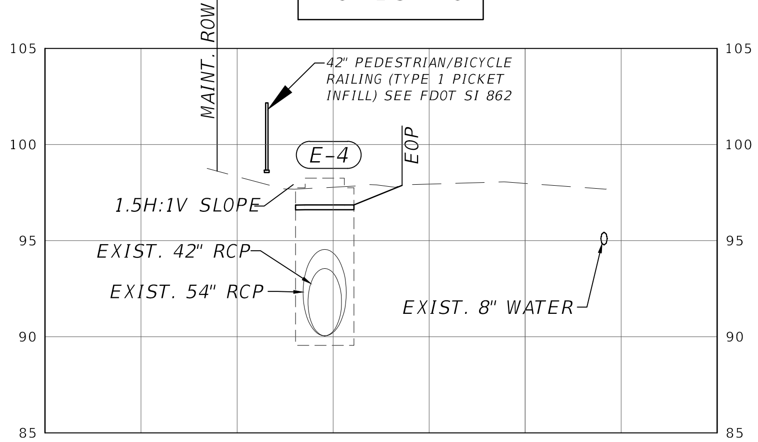
E-7
STA 24+10.25 (18.56 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 109.60
PROP. SLOT INV EL. 108.35
CONVERT TOP TO MANHOLE

30+38.52



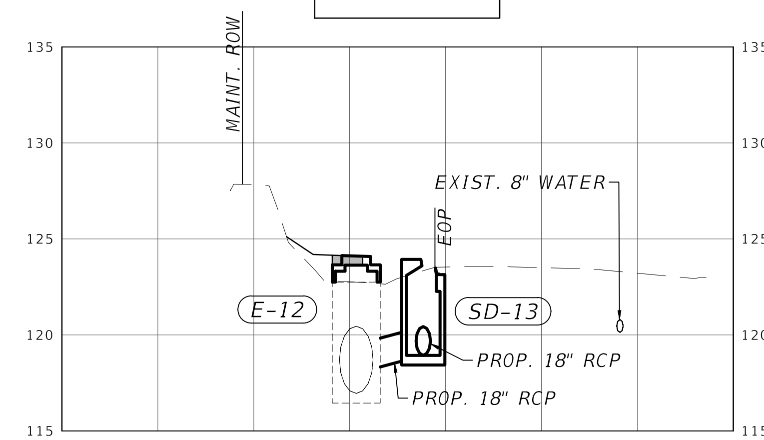
SD-13A
STA 30+38.52 (13.28 Lt.)
CONST. CURB INLET TYPE 5 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 126.35
FL 122.07 (S)

20+18.70



E-4
STA 20+18.70 (20.87 Lt.)
MODIFY MANHOLE
PROP. RIM EL. 96.85
CONVERT TOP TO DBI-TYPE C

28+58.66



SD-13
STA 28+58.66 (12.33 Lt.)
CONST. CURB INLET TYPE 5 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 123.57
FL 118.94 (W)
FL 118.94 (N)

E-12
STA 28+58.14 (19.31 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 124.10
CONVERT TOP TO MANHOLE

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Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
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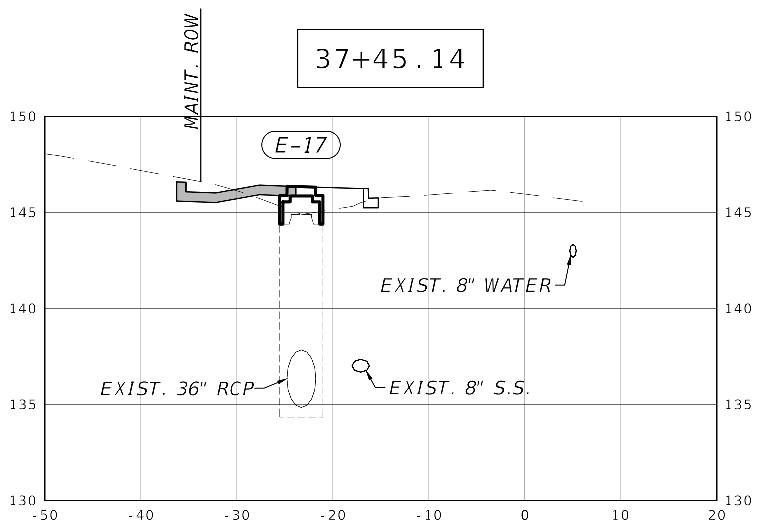
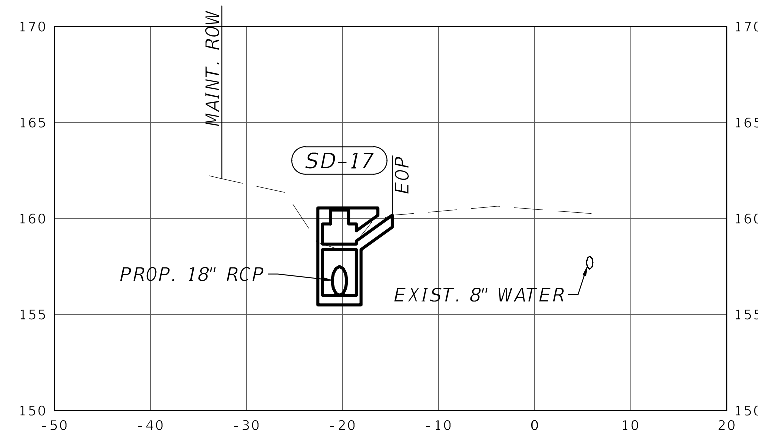
DRAWING: 33

37+45.14



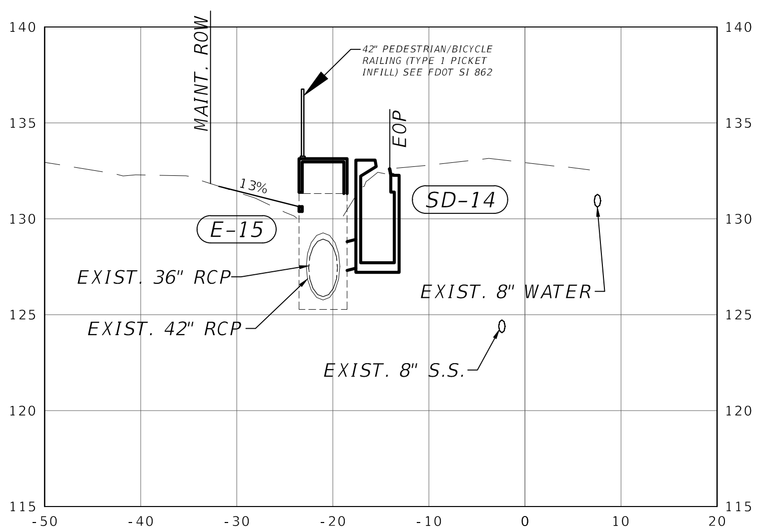
E-17
STA 37+45.14 (23.27 Lt.)
MODIFY TYPE 7 MANHOLE
PROP. RIM EL. 146.34
FL 134.84 (S)
FL 134.84 (N)

39+91.82



SD-17
STA 39+91.82 (20.32 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 160.18
FL 156.00 (N)
FL 156.00 (S)

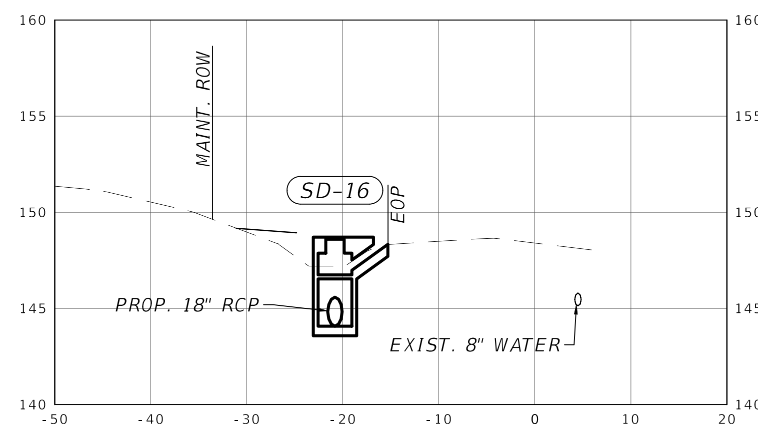
34+25.40



SD-14
STA 34+25.40 (15.34 Lt.)
CONST. CURB INLET TYPE 5 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 132.69
FL 127.71 (W)

E-15
STA 34+25.85 (21.01 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 133.13
PROP. SLOT INV. EL. 130.63
CONVERT TOP TO MANHOLE

37+98.72



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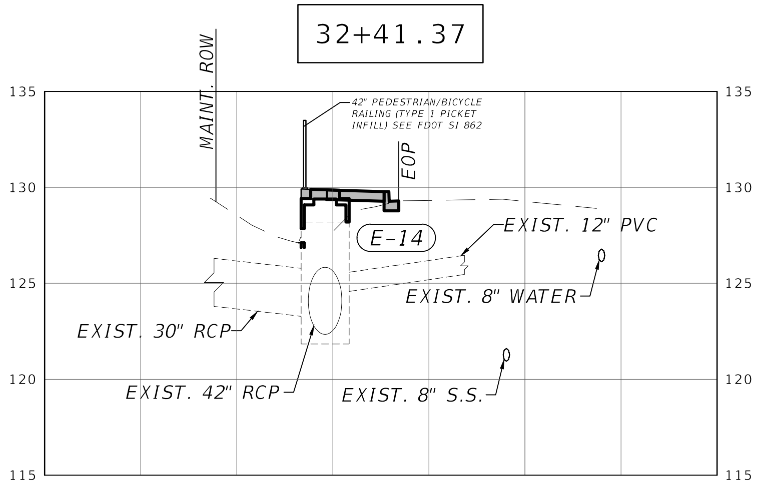
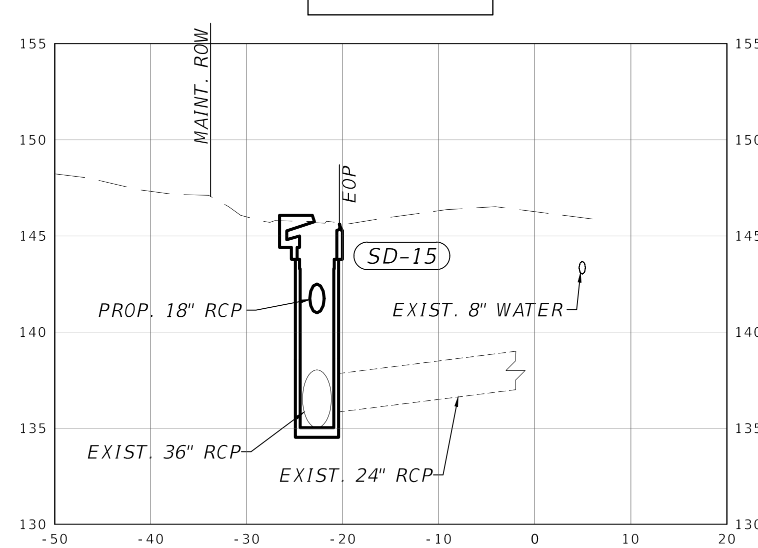
STA 37+98.72 (20.81 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 148.34
FL 144.08 (N)
FL 144.08 (S)

32+41.37



E-14
STA 32+41.37 (20.80 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 129.87
PROP. SLOT INV. EL. 127.37
CONVERT TOP TO MANHOLE

37+52.67



SD-15
STA 37+52.67 (22.69 Lt.)
CONST. CURB INLET TYPE 6
WITH 5' DIA. J-BOTTOM
INDEX NO. 200, 201, 211
EOP EL. 145.70
FL 135.03 (S)
FL 141.00 (N)
FL 135.70 (NE)

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1:10 V

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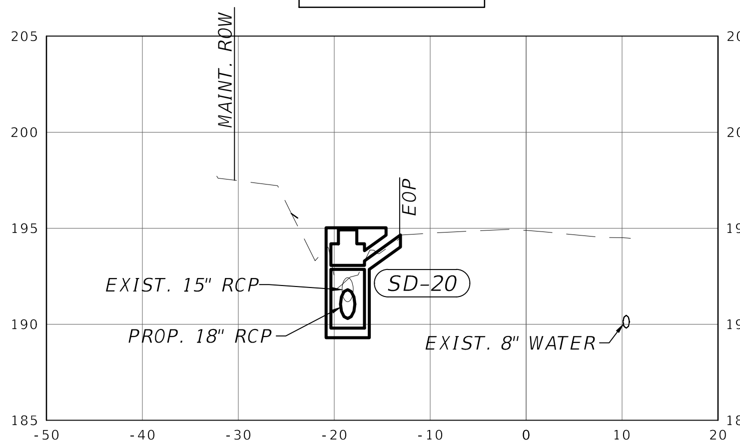
Benjamin R. Lennon, P.E.
Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/30/18
DRAWING: 34

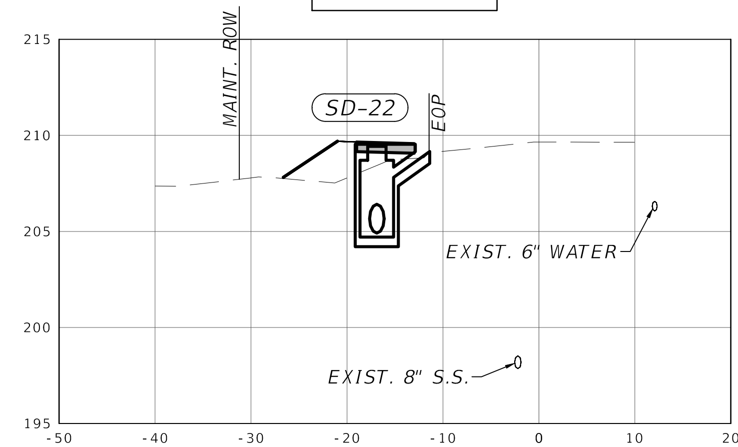
P:\Projects12\12-0345.003_Paul_Russel_Rd._Sidewalk_Improvements\CADD\DESIGN\04 – DSGN4.dwg Plotted: Jul 27, 2018 – 4:09pm by jautrey

44+16.67



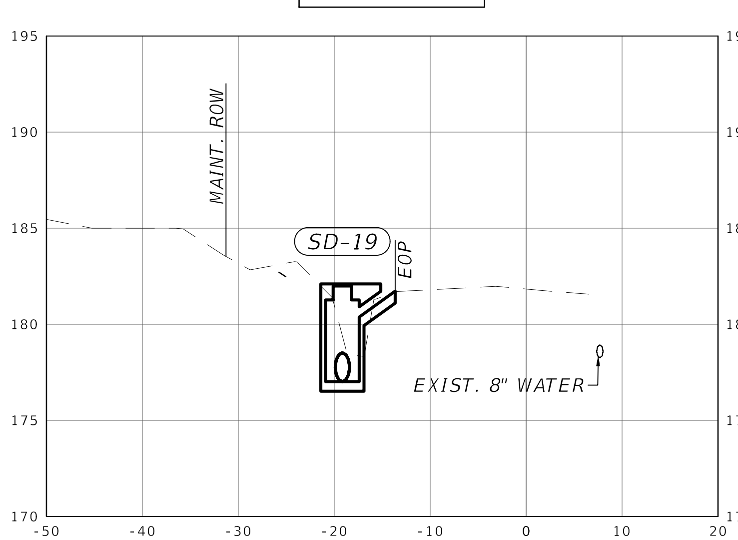
SD-20
STA 44+16.67 (18.60 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 194.65
FL 190.30 (S)
FL 191.17 (N)

55+70.50



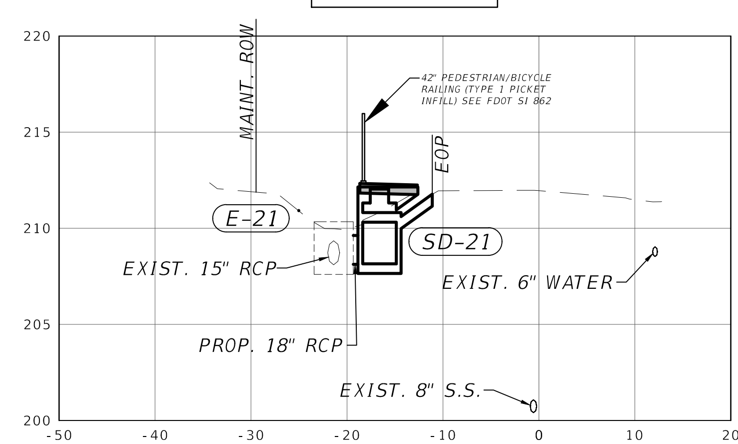
SD-22
STA 55+70.50 (16.89 Lt.)
CONST. CURB INLET TYPE 1 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 209.10
FL 204.91 (N)

42+45.73



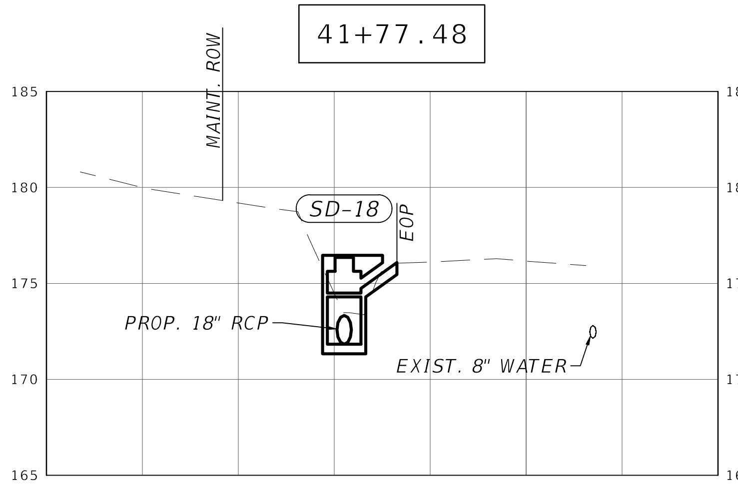
SD-19
STA 42+45.73 (19.15 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 181.73
FL 177.02 (N)
FL 177.02 (S)

49+68.10



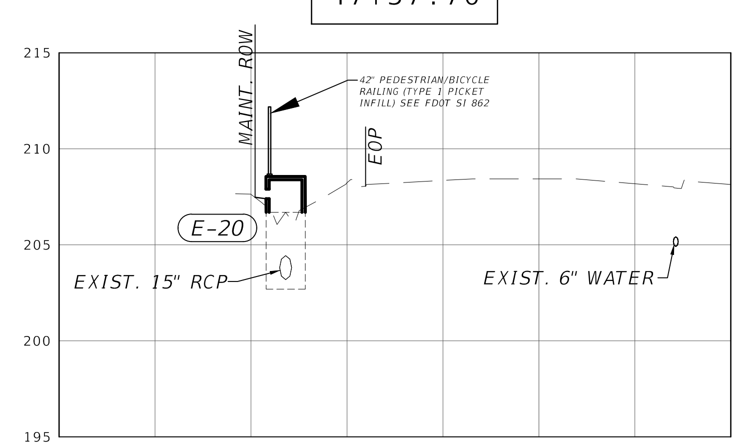
SD-21
STA 49+68.10 (16.62 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 211.78
FL 208.15 (W)

41+77.48



SD-18
STA 41+77.48 (18.96 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 176.09
FL 171.83 (N)
FL 171.83 (S)

47+57.70



E-20
STA 47+57.70 (26.39 Lt.)
MODIFY DITCH BOTTOM INLET TYPE C
PROP. RIM EL. 208.56
PROP. SLOT INV. EL. 207.40
CONVERT TOP TO MANHOLE

SCALE:
1:20 H
1:10 V

REVISIONS | NO. | DATE | DESCRIPTION | BY

DESIGNED BY: BRL
DRAWN BY: CJA
CHECKED BY: BAK
APPROVED BY: BRL

CITY OF TALLAHASSEE

DO NOT SCALE THIS DRAWING — DIMENSIONS AND NOTES TAKE PREFERENCE

DRAINAGE CROSS SECTIONS
PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
Certificate of Authorization No. 2648
2882 Remington Green Circle
Tallahassee, Florida 32308
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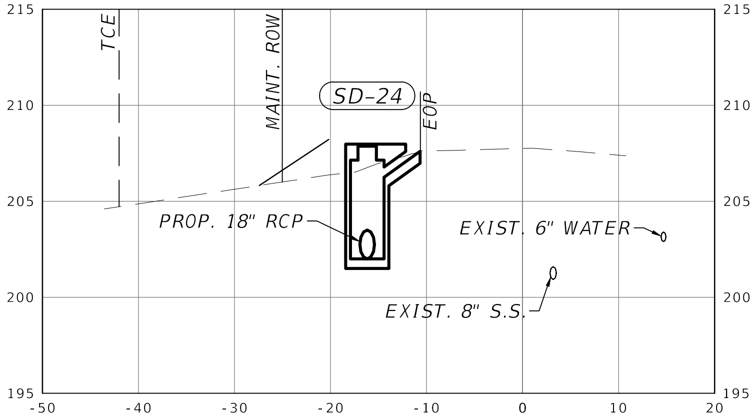
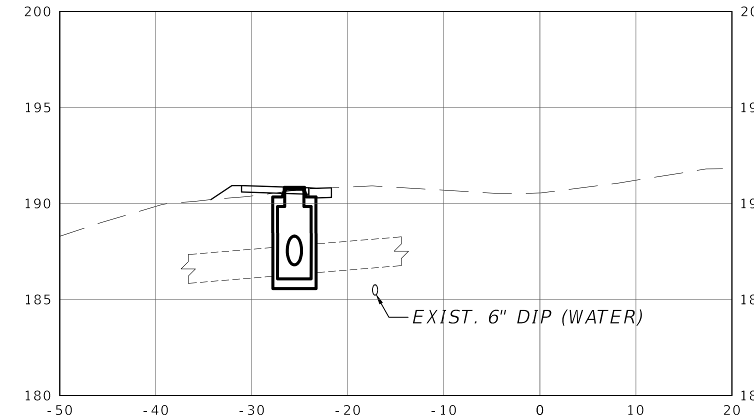
59+34.60



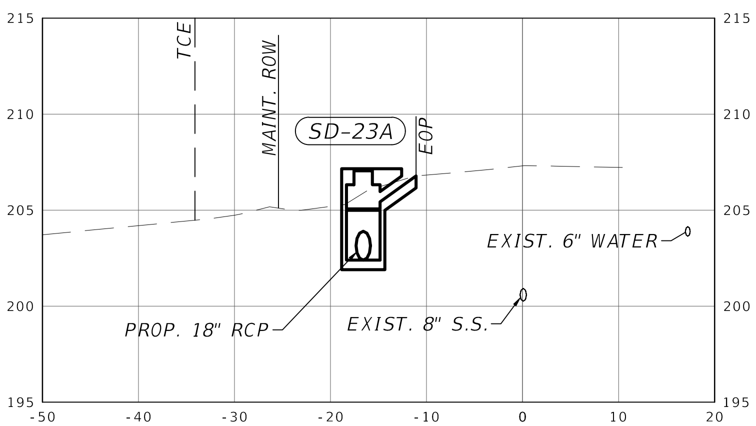
SD-24
STA 59+34.60 (16.18 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 207.60
FL 202.00 (N)
FL 202.00 (S)

64+05.00



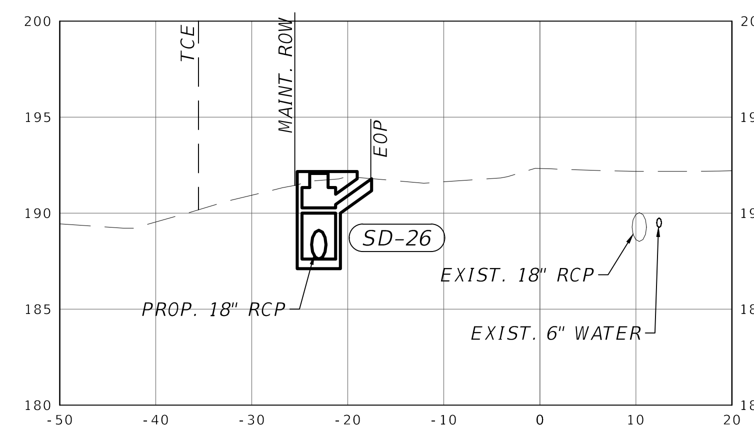
SD-27
STA 64+05.02 (25.57 Lt.)
CONST. TYPE 7 MANHOLE
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 201
RIM EL. 190.84
FL 186.80 (S)
FL 186.30 (W)
FL 186.30 (E)

57+75.10



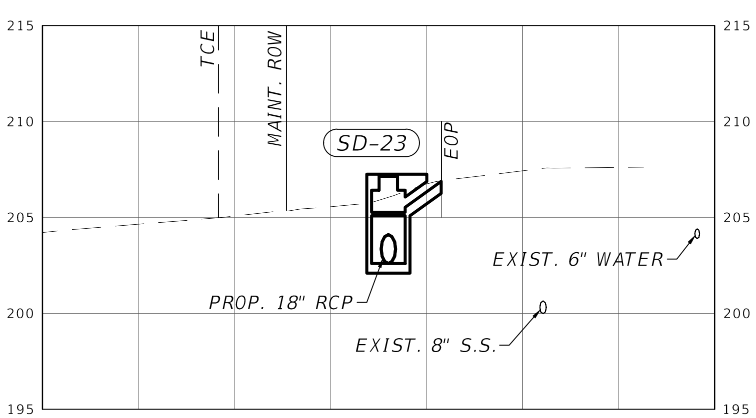
SD-23A
STA 57+75.10 (16.59 Lt.)
CONST. CURB INLET TYPE 1 (RIGHT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 206.79
FL 202.40 (N)
FL 202.40 (S)

63+85.34



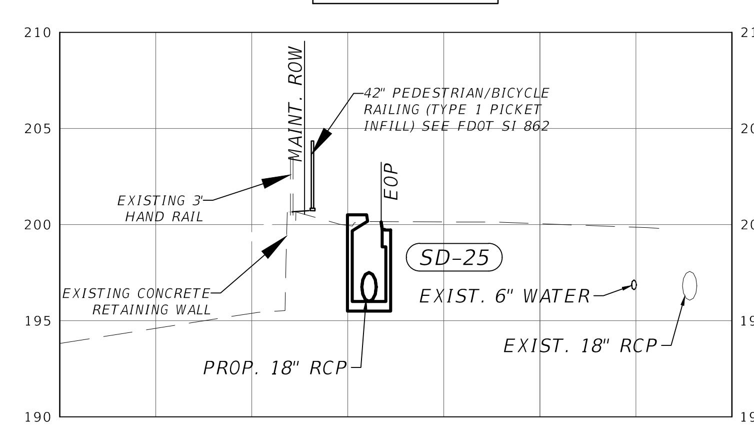
SD-26
STA 63+85.34 (23.02 Lt.)
CONST. CURB INLET TYPE 1 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 191.80
FL 187.61 (S)
FL 187.61 (N)

57+19.28



SD-23
STA 57+19.28 (13.97 Lt.)
CONST. CURB INLET TYPE 1 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 206.88
FL 202.60 (N)
FL 202.60 (S)

62+56.32



SD-25
STA 62+56.32 (17.80 Lt.)
CONST. CURB INLET TYPE 1 (LEFT)
WITH SQUARE STRUCTURE BOTTOM
INDEX NO. 200, 201, 210
EOP EL. 200.14
FL 196.01 (N)
FL 196.00 (S)

SCALE:
1:20 H
1:10 V

REVISIONS: NO. | DATE | DESCRIPTION | BY

DESIGNED BY: BRL
DRAWN BY: CJA
CHECKED BY: BAK
APPROVED BY: BRL

CITY OF TALLAHASSEE

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DRAWING: 36

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TEMPORARY SEEDING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER OR COMPANION CROPS

SPECIES	BROADCAST Rates per Acre	BROADCAST PLS per 1000 SF	RESOURCE (Darker shades indicate optimum dates, and lighter shades indicate permissible but marginal dates.)	REMARKS
MILLET, BROWNTOP (Panicum fasciculatum) ALONE .... IN MIXTURES	40 lbs. 10 lbs.	0.9 lb. 0.2 lb.	MOUNTAINS; SOUTHERN PIEDMONT; SOUTHERN COASTAL PLAIN (J F M A M J J A S O N D)	137,000 SEED PER POUND QUICK DENSE COVER WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDED AT HIGH RATES
RYE (Secale cereale) ALONE .... IN MIXTURES	3 bu. (168 lbs.) 1/2 bu. (28 lbs.)	3.9 lb. 0.6 lb.	MOUNTAINS; SOUTHERN PIEDMONT; SOUTHERN COASTAL PLAIN (J F M A M J J A S O N D)	18,000 SEED PER POUND DENSE COVER DROUGHT TOLERANT AND WINTER-HARDY
RYEGRASS, ANNUAL (Lolium temulentum) ALONE	40 lbs.	0.9 lb.	MOUNTAINS; SOUTHERN PIEDMONT; SOUTHERN COASTAL PLAIN (J F M A M J J A S O N D)	227,000 SEED PER POUND DENSE COVER VERY COMPETITIVE AND IS %%UNOT%%U TO BE USED IN MIXTURES

PERMANENT SEEDING

PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER OR COMPANION CROPS

SPECIES	BROADCAST Rates per Acre	BROADCAST PLS per 1000 SF	RESOURCE (Darker shades indicate optimum dates, and lighter shades indicate permissible but marginal dates.)	REMARKS
BAHIA ALONE .... WITH OTHER PERENNIALS..........	10 lbs. 6 lbs.	0.2 lb. 0.1 lb.	SOUTHERN PIEDMONT; SOUTHERN COASTAL PLAIN (J F M A M J J A S O N D)	1,787,000 SEED PER LB QUICK COVER LOW GROWING AND SOD FORMING FULL SUN GOOD FOR ATHLETIC FIELDS
BAHIA WITH TEMPORARY COVER.......... WITH OTHER PERENNIALS..........	10 lbs. 6 lbs.	0.2 lb. 0.1 lb.	SOUTHERN PIEDMONT; SOUTHERN COASTAL PLAIN (J F M A M J J A S O N D)	PLANT WITH WINTER ANNUALS PLANT WITH TALL FESCUE

VEGETATIVE PLAN

SPECIES	RATES PER ACRE	PLANTING DATES
AGRICULTURAL LIMESTONE FERTILIZER, 5-10-15 MULCH, STRAW, HAY	4,000LBS. 1,500LBS. 5,000LBS.	
HULLED COMMON BERMUDA GRASS	10LBS.	3/1 - 6/15
HAY MULCH FOR TEMPORARY COVER	5,000LBS.	6/15 - 8/31
TOPDRESSING 33.5% AMMONIUM NITRATE	300LBS.	WHEN PLANTS ARE 2" - 4" TALL
SECOND YEAR FERTILIZER 5-10-15(OR EQUAL)	800LBS.	

SEEDING SCHEDULE

SPECIES	RATES PER ACRE	PLANTING DATES
SEEDING:		
RYE GRAIN RYE GRAIN W/MIXTURE	168 LBS. 1/2 BU.	15 JULY-30 NOVEMBER
COMMON BERMUDA (HULLED) COMMON BERMUDA (UNHULLED)	30 LBS.	1 MARCH-30 JUNE 1 OCTOBER-28 FEBRUARY
FERTILIZER:		
5-10-10	1,800 LBS.	
MULCH:		
HAY STRAW	2 1/2 TONS 2 TONS	

PLANTING:
PLANTING TO BE ACCOMPLISHED BY HYDRAULIC SEEDING

LIME RATE:
WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED AGRICULTURE LIME SHALL BE APPLIED AS INDICATED BY SOIL TEST OR AT A RATE OF 2 TONS PER ACRE. AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE.

NOTE: DURING "HIGH FAILURE" MONTHS SEEDING CONTRACTOR TO SPREAD MULCH OR HAY FOR SLOPE STABILIZATION.

- *USE A MINIMUM OF 40 LBS. SCARIFIED SEED, REMAINDER MAY BE UNSCARIFIED, CLEAN HULLED SEED.
**USE EITHER COMMON SERAIA OR INTERSTATE SERICEA LESPEDEZA.
- ALL AREAS TO BE SEEDED SHALL HAVE LIME APPLIED AT A RATE OF 90 LB./1000 S.F.. LIME AND FERTILIZER TO BE APPLIED PRIOR TO APPLICATION OF SEED AND MIXED THOROUGHLY WITH THE SOIL.
- ALL AREAS SEEDED SHALL HAVE AN APPLICATION OF STRAW MULCH (APPROXIMATELY 2 1/2 TONS PER ACRE) IMMEDIATELY AFTER PLANTING REGARDLESS OF PLANTING METHOD.
- MAINTAIN 1 YEAR MINIMUM
- FERTILIZER: AGRICULTURAL LIME 1 TON PER ACRE, 8-12-12 OR 5-10-15 1000 LB. PER ACRE

SEEDING

Construction Specifications:

Timing:
Apply permanent seeding on areas left dormant for 1 year or more.
Apply permanent seeding when no further disturbances are planned.
To determine optimum seeding schedule, consult a local agronomist or erosion control specialist. Apply permanent seeding before seasonal rains or freezing weather is anticipated.
Use dormant seeding for late fall or winter seeding schedules.

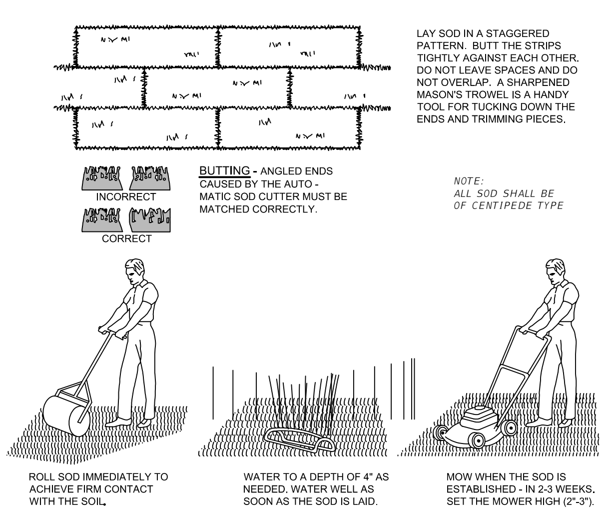
Seed Mixes:
Use seeds appropriate to the season and site conditions.
Consult local agronomist or erosion control specialists for seed mix.
Use a seed blend to include annuals, perennials and legumes.
Use seed rates based on pure live seed (PLS) of 80%. When PLS is below 80% adjust rates accordingly.

Site Preparation:
Bring the planting area to final grade and install the necessary erosion control practices. Divert concentrated flows away from the seeded area.
Conduct soil test to determine pH and nutrient content. Roughen the soil by harrowing, tracking, grooving or furrowing. Apply amendments as needed to adjust pH to 6.0-7.5. Incorporate these amendments into the oil. Prepare a 3-5 inch (76-127 mm) deep seedbed, with the top 3-4 inches (76-102 mm) consisting of topsoil.
The seedbed should be firm but not compact. The top three inches of soil should be loose, moist and free of large clods and stones.
The topsoil surface should be in reasonably close conformity to the lines, grades and cross sections shown on the grading plans.

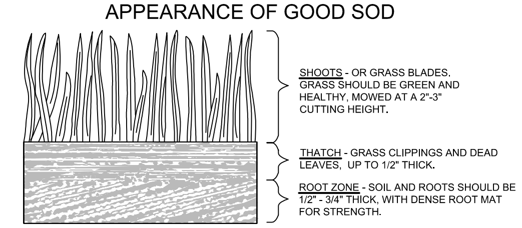
Planting:
Seed to soil contact is the key to good germination.
Seed should be applied immediately after seedbed preparation while the soil is loose and moist. If the seedbed has been idle long enough for the soil to become compact, the topsoil should be harrowed with a disk, spring tooth drag, spike tooth drag, or other equipment designed to conditions the soil for seeding.
Harrowing, tracking or furrowing should be done horizontally across the face of the slope. Seed to soil contact is the key to good germination.
Always apply seed before applying mulch.
Apply seed at the rates specified using calibrated seed spreaders, cyclone seeders, mechanical drills, or hydroseeder so the seed is applied uniformly on the site.
Broadcast seed should be incorporated into the soil by raking or chain dragging, and then lightly compacted to provide good seed-soil contact.
Apply fertilizer as specified.
Apply mulch or erosion control blanket, as specified, over the seeded areas.

Inspection and Maintenance:
Newly seeded areas need to be inspected frequently to ensure the grass is growing.
If the seeded area is damaged due to runoff, additional stormwater measures may be needed.
Spot seeding can be done on small areas to fill in bare spots where grass did not grow properly.

SODDING

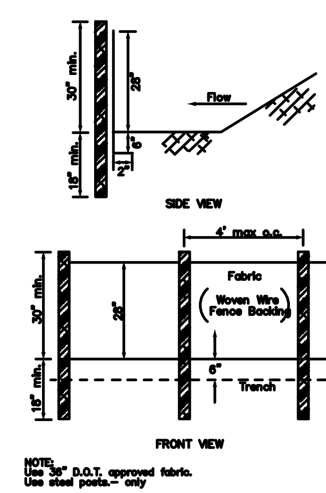


APPEARANCE OF GOOD SOD

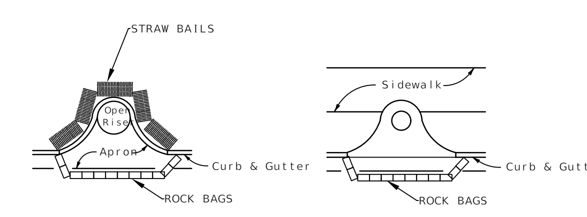


EROSION CONTROL GENERAL NOTES

1. EROSION CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
2. ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS.
3. ALL DEVICES ARE TO BE MAINTAINED AND REPAIRED ON A REGULAR BASIS.
4. EXCESS SEDIMENT TO BE REMOVED WHEN SILT REACHES ONE-HALF (1/2) THE HEIGHT OF THE FENCE.
5. TEMPORARY GRASSING IS TO BE NOT LESS THAN TWO (2) DAYS AFTER COMPLETION OF ANY GRADING ACTIVITIES.
6. ALL DRAINAGE STRUCTURES TO BE EROSION PROOFED (EXTEND RIPRAP SIX TIMES PIPE DIAMETER FROM DOWNSTREAM END) ALL RIPRAP SHALL BE TYPE 1 STONE PLAIN WITH A MINIMUM THICKNESS OF 18" IN ACCORDANCE WITH THE 2010 FDOT STANDARD SPECIFICATIONS.
7. ALL HEAD WALLS ARE TO HAVE STORM DRAIN OUTLET PROTECTION AND SILT TRAP DITCHES.
8. SILT FENCE MUST MEET THE REQUIREMENTS OF FDOT, STANDARD SPECIFICATIONS, 2010 EDITION.
9. PERMANENT VEGETATION SHALL BE INSTALLED AS SOON AS PRACTICAL FOLLOWING FINAL GRADING.
10. NOTIFY CITY OF TALLAHASSEE PROJECT MANAGER AND ENGINEER 48 HOURS PRIOR TO CONSTRUCTION.
11. EROSION CONTROL MEASURES WILL BE INSPECTED AT LEAST WEEKLY AND AFTER EACH RAIN, AND REPAIRED BY THE GENERAL CONTRACTOR AS NEEDED.
12. CONTRACTOR TO COMPLETELY SECURE FROM EROSION ANY STOCK PILE OF EARTHEN MATERIALS. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ANY MATERIAL STOCKPILE LOCATIONS PRIOR COMMENCING WORK. THE LOCATIONS WILL BE CONFIRMED WITH THE DESIGN ENGINEER AND CONTRACTING OFFICER, AND THE ESPC PLANS WILL BE "REDLINED" WITH APPROPRIATE BMP'S TO REFLECT THE LOCATIONS.
13. EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.
14. ALL DESIGN WILL CONFORM TO AND ALL WORK WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF FDOT AND CITY OF TALLAHASSEE.
15. ADDITIONAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS REQUIRED BY THE ENGINEER, CITY REPRESENTATIVE OR, AS CONDITIONS MAY DICTATE.
16. MAXIMUM CUT OR FILL SLOPES IS 1V:3H, UNLESS SPECIFIED OTHERWISE.
17. MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE CONTRACTOR.
18. DETENTION POND, DETENTION OUTLET STRUCTURES AND TEMPORARY SEDIMENT POND FEATURES AND ALL EROSION CONTROL MEASURES ARE TO BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
19. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY VEGETATION OR MULCH IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 CALENDAR DAYS.
20. ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE.
21. THE FLORIDA REGISTERED PROFESSIONAL EMGINEER WHO SEALS THIS PLAN CERTIFIES UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY THE PROFESSIONAL OR THE PROFESSIONAL'S AUTHORIZED AGENT, UNDER THE PROFESSIONAL'S DIRECT SUPERVISION.
22. NO WASTE WILL BE DISPOSED INTO STORM WATER INLET OR WATER OF THE STATE.
23. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
24. ADEQUATE ROOM HAS BEEN PROVIDED WITHIN THE PROJECT LIMITS FOR REMOVAL OF BMP'S. THE CONTRACTOR SHALL NOT DISTURB AREAS OUTSIDE/BEYOND THE LIMITS OF CONSTRUCTION/DISTURBANCE TO REMOVE BMP'S.



SILT FENCE - TYPE C



INLET PROTECTION BARRIERS
N.T.S.

R E V I S I O N S			
NO.	DATE	DESCRIPTION	BY

DESIGNED BY	BRL
DRAWN BY	CJA
CHECKED BY	BAK
APPROVED BY	BRL

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EROSION CONTROL NOTES & DETAILS

PAUL RUSSELL ROAD SIDEWALK
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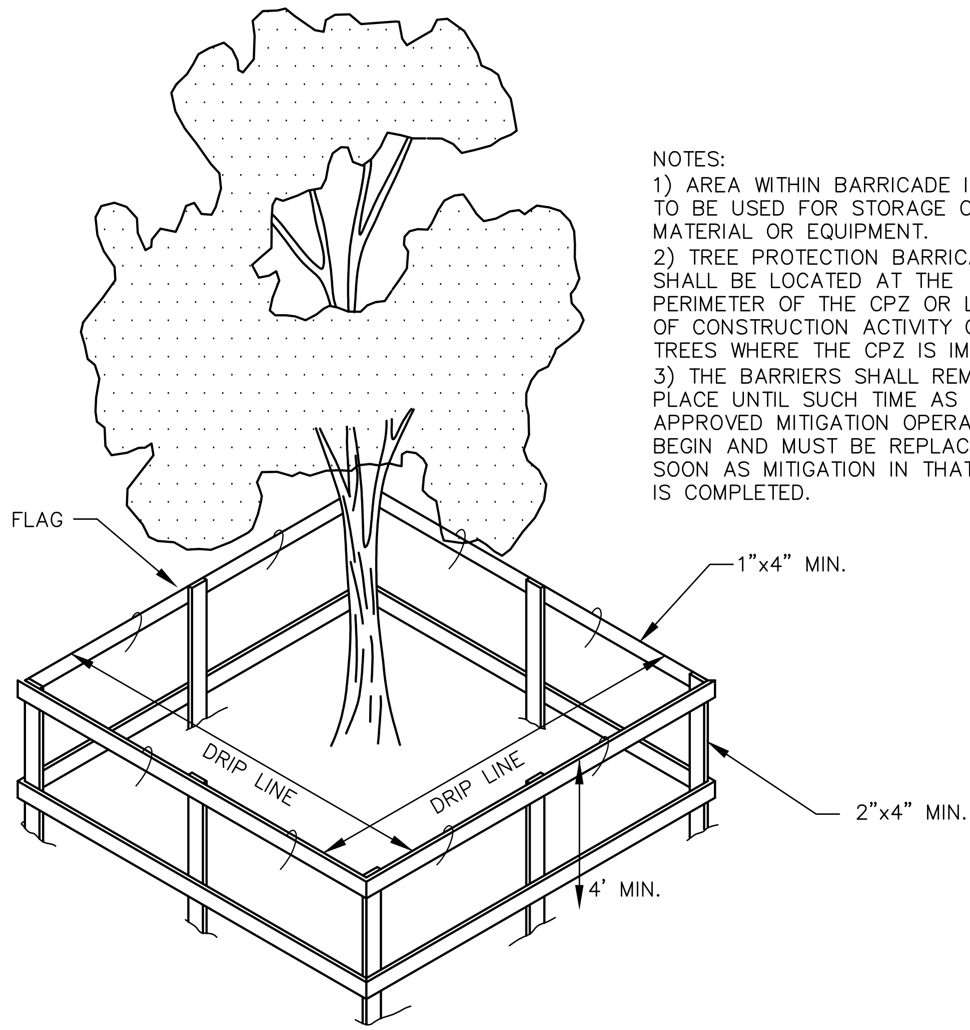
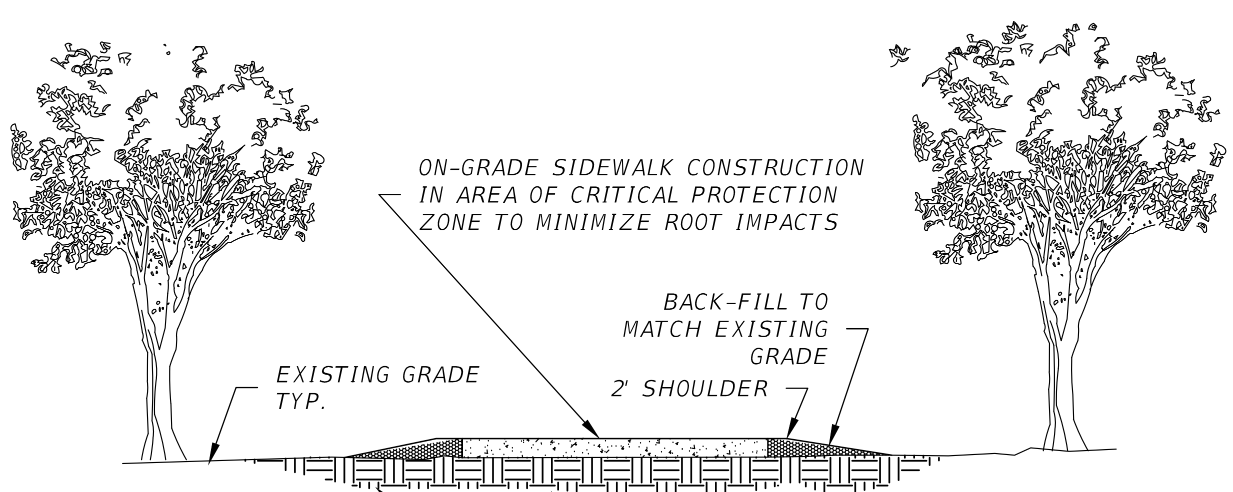
P:\Projects12\12-0345.003_Paul_Russel_Rd._Sidewalk_Improvements\CADD\DESIGN\05 - Erosion Control Notes & Details.dwg Plotted: Jul 27, 2018 - 4:11pm by jautrey



NOTES:
1) AREA WITHIN BARRICADE IS NOT TO BE USED FOR STORAGE OF MATERIAL OR EQUIPMENT.
2) TREE PROTECTION BARRICADES SHALL BE LOCATED AT THE PERIMETER OF THE CPZ OR LIMITS OF CONSTRUCTION ACTIVITY OF ALL TREES WHERE THE CPZ IS IMPACTED.
3) THE BARRIERS SHALL REMAIN IN PLACE UNTIL SUCH TIME AS APPROVED MITIGATION OPERATIONS BEGIN AND MUST BE REPLACED AS SOON AS MITIGATION IN THAT AREA IS COMPLETED.

TREE BARRICADE DETAIL

NTS



ON-GRADE SIDEWALK DETAIL

NOTE: WHERE ROOTS ARE EXPOSED ON GRADE, COVER WITH 2-3" OF SAND PRIOR TO SETTING FORMS.

CONSTRUCTION ACTIVITY WITHIN THE CRITICAL PROTECTION ZONE OF ANY PROTECTED TREE SHALL BE EVALUATED BY THE CONTRACTOR'S CERTIFIED ARBORIST OR REGISTERED LANDSCAPE ARCHITECT (A-LA). THE A-LA SHALL EVALUATE THE CURRENT HEALTH AND CONDITION OF THE TREE AND EVALUATE THE IMPACTS THAT WILL BE IMPOSED BY CONSTRUCTION ACTIVITY. THE GROWTH MANAGEMENT ARBORIST AND THE CONTRACTOR'S A-LA SHALL COLLABORATE AND DETERMINE THE BEST COURSE OF ACTION AND CARRY OUT THE ARBORICULTURAL MITIGATION TECHNIQUES NECESSARY TO MITIGATE THE CONSTRUCTION IMPACTS IN ORDER TO REASONABLY ENSURE THE LONG TERM HEALTH AND SAFETY OF THE TREE. IN CASES WHERE MITIGATION TECHNIQUES CANNOT REASONABLY ENSURE LONG TERM HEALTH AND SAFETY OF THE TREE A RECOMMENDATION FOR REMOVAL SHALL BE DOCUMENTED AND PRESENTED TO THE PERMITTEE FOR FURTHER ACTION. IN CASES WHERE THE A-LA AND THE GROWTH MANAGEMENT ARBORIST CANNOT COME TO MUTUAL AGREEMENT, A RECOMMENDATION SHALL BE REQUESTED FROM THE LEON COUNTY EXTENSION URBAN FORESTER.

PERMITTEE SHALL CAUSE CONTRACTOR'S A-LA TO PROVIDE A LANDSCAPING AND URBAN FOREST COMPLIANCE REPORT PREPARED IN ACCORDANCE WITH TLDC SECTION 5-64 AT LEAST SEVEN DAYS PRIOR TO REQUESTING A FINAL ENVIRONMENTAL INSPECTION. THE REPORT SHALL INCLUDE DOCUMENTATION DETAILING THE MITIGATION EFFORTS IMPOSED ON EACH IMPACTED TREE. RECONCILIATION OF THE DEFERRED IMPACTED TREE REPLACEMENT REQUIREMENTS SHALL OCCUR AT TIME OF SUBMITTAL OF THE COMPLIANCE REPORT IN ACCORDANCE WITH TLDC SECTION 5-83(J).

VACANT RESIDENTIAL LOTS ARE UNDEVELOPED, AND ALL TREES 2" AND GREATER ARE DEEMED PROTECTED ON THESE PROPERTIES. WHEN CONSTRUCTION ACTIVITY TAKES PLACE WITHIN THE CPZ OF ANY OF THESE TREES, AN ARBORIST SHALL ENSURE THEY ARE LEFT IN A SAFE CONDITION AND HAVE NOT BEEN TOO GREATLY IMPACTED AND REQUIRE REMOVAL.

TREE IMPACT TABLE

CATEGORY	DEBITS	TREE SPECIES AND SIZE	STATION	OFFSET	IN CITY R/W	PRIVATE PROPERT LAND USE	IMPACTED TREES TO BE REMOVED
		15" LIVE OAK	1+20.64	34.12'L	YES	N/A	NO
		22" LAUREL OAK	1+50.35	29.41'L	YES	N/A	NO
		13" HICKORY	1+67.24	25.83'L	YES	N/A	NO
		18" LAUREL OAK	1+85.02	33.51'L	YES	N/A	NO
		22" LAUREL OAK	2+03.02	30.04'L	YES	N/A	NO
		12" LIVE OAK	2+14.45	26.92'L	YES	N/A	NO
		18" LAUREL OAK	2+19.53	32.05'L	YES	N/A	NO
		13" LAUREL OAK	2+22.52	28.60'L	YES	N/A	NO
		14" LAUREL OAK	2+46.79	22.13'L	YES	N/A	NO
		12" LAUREL OAK	2+54.43	26.81'L	YES	N/A	NO
		17" LAUREL OAK	2+59.28	25.76'L	YES	N/A	NO
		22" LAUREL OAK	3+17.38	31.50'L	NO	TOWNHOME - RESIDENTIAL	NO
		16" LAUREL OAK	3+20.27	33.19'L	NO	TOWNHOME - RESIDENTIAL	NO
		19" LAUREL OAK	3+49.27	26.37'L	YES	N/A	NO
		20" LAUREL OAK	3+55.95	30.26'L	NO	TOWNHOME - RESIDENTIAL	NO
		22" LAUREL OAK	3+73.15	27.36'L	YES	N/A	NO
		28" LAUREL OAK	3+84.87	35.17'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" LAUREL OAK	3+87.63	28.66'L	YES	N/A	NO
		20" LAUREL OAK	4+01.98	30.18'L	NO	TOWNHOME - RESIDENTIAL	NO
		22" LAUREL OAK	4+14.77	34.89'L	YES	N/A	NO
		12" LIVE OAK	4+33.03	25.37'L	YES	N/A	NO
		24" LAUREL OAK	4+36.92	22.34'L	YES	N/A	NO
		13" LAUREL OAK	4+46.65	28.57'L	NO	TOWNHOME - RESIDENTIAL	NO
		20" LAUREL OAK	4+61.82	35.83'L	NO	TOWNHOME - RESIDENTIAL	NO
		21" LAUREL OAK	4+69.64	33.19'L	NO	TOWNHOME - RESIDENTIAL	NO
		15" LAUREL OAK	4+98.74	30.35'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" LAUREL OAK	5+14.57	29.27'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" LAUREL OAK	5+23.13	27.88'L	YES	N/A	NO
		16" LAUREL OAK	5+61.06	34.30'L	NO	TOWNHOME - RESIDENTIAL	NO

REVISIONS

NO.	DATE	DESCRIPTION	BY

DESIGNED BY BRL
DRAWN BY CJA
CHECKED BY BAK
APPROVED BY BRL

CITY OF TALLAHASSEE

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TREE NOTES & DETAILS

PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

DRMP
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Certificate of Authorization No. 2648
2882 Remington Green Circle
Tallahassee, Florida 32308
Phone:850.562.9600 WWW.DRMP.COM

Benjamin R. Lennon, P.E.
Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/11/18
DRAWING: 38

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TREE IMPACT TABLE (CONT.)

CATEGORY	DEBITS	TREE SPECIES AND SIZE	STATION	OFFSET	IN CITY R/W	PRIVATE PROPERT LAND USE	IMPACTED TREES TO BE REMOVED
		15" CHERRY	5+64.85	22.15'L	YES	N/A	NO
		19" LAUREL OAK	5+74.69	22.30'L	YES	N/A	NO
		16" LAUREL OAK	5+87.13	22.68'L	YES	N/A	NO
		12" LAUREL OAK	5+92.51	51.43'L	YES	N/A	NO
		10" LAUREL OAK	6+21.01	24.28'L	YES	N/A	NO
		13" WATER OAK	6+25.61	23.90'L	YES	N/A	NO
		10" LAUREL OAK	6+31.42	23.68'L	YES	N/A	NO
		10" OAK	6+53.61	24.34'L	YES	N/A	YES - DEAD
		15" LAUREL OAK	6+89.49	23.50'L	YES	N/A	NO
		10" LAUREL OAK	7+32.73	24.52'L	YES	N/A	NO
		23" PINE	8+13.37	34.53'L	NO	MULTI-FAMILY	NO
		23" OAK	8+60.03	34.65'L	NO	MULTI-FAMILY	NO - DEAD
		28" LIVE OAK	8+70.52	28.43'L	YES	N/A	NO
		31" OAK	8+80.42	37.23'L	NO	MULTI-FAMILY	NO - DEAD
		56" LIVE OAK	9+37.93	30.18'L	YES	N/A	NO
		22" PECAN	10+78.18	56.93'L	NO	TOWNHOME - RESIDENTIAL	NO
		20" WATER OAK	11+66.18	32.15'L	NO	TOWNHOME - RESIDENTIAL	NO
		10" WATER OAK	12+17.87	30.82'L	NO	TOWNHOME - RESIDENTIAL	NO
		12" SWEET GUM	12+37.59	31.36'L	NO	TOWNHOME - RESIDENTIAL	NO
		13" SWEET GUM	13+50.06	38.02'L	NO	VACANT - RESIDENTIAL	NO
		24" PINE	13+81.82	35.22'L	NO	VACANT - RESIDENTIAL	NO
		24" PINE	13+98.42	35.59'L	NO	VACANT - RESIDENTIAL	NO
		16" SWEET GUM	14+69.47	37.19'L	NO	VACANT - RESIDENTIAL	NO
		13" SWEET GUM	14+99.03	37.07'L	NO	VACANT - RESIDENTIAL	NO
		12" SWEET GUM	15+69.18	34.37'L	NO	VACANT - RESIDENTIAL	NO
		13" SWEET GUM	16+21.53	37.85'L	NO	VACANT - COMMERCIAL	NO
		16" SWEET GUM	16+79.38	36.92'L	NO	VACANT - COMMERCIAL	NO
		20" WATER OAK	17+13.15	36.82'L	NO	VACANT - COMMERCIAL	NO
		13" CAMPHOR	17+15.60	39.36'L	NO	VACANT - COMMERCIAL	NO
		20" WATER OAK	17+97.23	34.13'L	NO	VACANT - COMMERCIAL	NO
		28" WATER OAK	18+01.57	34.23'L	NO	VACANT - COMMERCIAL	NO
		12" WATER OAK	18+39.74	34.35'L	NO	VACANT - COMMERCIAL	NO
		33" WATER OAK	18+88.20	34.43'L	NO	VACANT - COMMERCIAL	NO
		12" CHERRY	19+60.50	36.34'L	NO	VACANT - COMMERCIAL	NO
		16" LAUREL OAK	19+84.12	35.00'L	NO	VACANT - COMMERCIAL	NO
		28" LAUREL OAK	19+90.80	36.82'L	NO	VACANT - COMMERCIAL	NO
		12" SWEET GUM	20+09.28	25080'L	NO	VACANT - COMMERCIAL	NO
		12" WATER OAK	20+45.23	34.46'L	NO	MULTI-FAMILY	NO
		28" PINE	20+50.68	34.66'L	NO	MULTI-FAMILY	NO
		12" WATER OAK	20+57.80	36.68'L	NO	MULTI-FAMILY	NO
		16" LIVEOAK	20+66.03	27.72'L	YES	N/A	YES - DEAD
		14" PINE	21+06.85	32.74'L	NO	MULTI-FAMILY	NO - DEAD
		41" WATER OAK	21+38.93	35.71'L	NO	MULTI-FAMILY	NO
		42" LAUREL OAK	21+58.21	42.64'L	NO	MULTI-FAMILY	NO
		39" WATER OAK	21+69.58	60.92'L	NO	MULTI-FAMILY	NO

TREE IMPACT TABLE (CONT.)

CATEGORY	DEBITS	TREE SPECIES AND SIZE	STATION	OFFSET	IN CITY R/W	PRIVATE PROPERT LAND USE	IMPACTED TREES TO BE REMOVED
		25" PECAN	23+67.22	36.95'L	NO	TOWNHOME - RESIDENTIAL	NO
		24" OAK	24+65.69	30.31'L	YES	N/A	YES - DEAD
		16" SWEET GUM	24+78.03	37.03'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" WATER OAK	24+92.00	34.70'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" LAUREL OAK	25+04.81	32.01'L	NO	TOWNHOME - RESIDENTIAL	NO
		15" LIVEOAK	25+31.46	32.24'L	NO	TOWNHOME - RESIDENTIAL	NO
		12" WATER OAK	25+41.33	31.48'L	YES	N/A	NO
		15" WATER OAK	25+69.66	32.85'L	NO	TOWNHOME - RESIDENTIAL	NO
		18" WATER OAK	25+75.33	33.93'L	NO	TOWNHOME - RESIDENTIAL	NO
		28" WATER OAK	26+09.15	33.00'L	NO	TOWNHOME - RESIDENTIAL	NO
		15" WATER OAK	26+61.25	37.23'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" LAUREL OAK	30+38.92	32.62'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" WATER OAK	30+41.75	36.69'L	NO	TOWNHOME - RESIDENTIAL	NO
		41" WATER OAK	33+17.03	41.45'L	NO	VACANT - COMMERCIAL	NO
		41" WATER OAK	33+39.72	34.42'L	NO	VACANT - COMMERCIAL	NO
		12" WATER OAK	33+99.72	37.64'L	NO	VACANT - COMMERCIAL	NO
		26" PINE	35+27.86	41.89'L	NO	TOWNHOME - RESIDENTIAL	NO
		16" PINE	36+16.03	38.08'L	NO	TOWNHOME - RESIDENTIAL	NO
		24" PINE	36+76.49	35.56'L	NO	TOWNHOME - RESIDENTIAL	NO
		24" PINE	36+91.14	33.13'L	YES	N/A	NO
		41" LIVE OAK	37+80.84	52.57'L	NO	UTILITY EASEMENT	NO
		15" SWEET GUM	37+94.86	47.68'L	NO	TOWNHOME - RESIDENTIAL	NO
		12" CHERRY	38+22.93	35.76'L	NO	TOWNHOME - RESIDENTIAL	NO
		13" PINE	39+91.72	37.71'L	NO	TOWNHOME - RESIDENTIAL	NO
		26" PINE	40+24.09	37.07'L	NO	TOWNHOME - RESIDENTIAL	NO
		12" PINE	40+42.37	38.64'L	NO	TOWNHOME - RESIDENTIAL	NO
		19" PINE	41+98.12	42.94'L	NO	UTILITY EASEMENT	NO
		47" LIVE OAK	42+43.40	52.73'L	NO	TOWNHOME - RESIDENTIAL	NO
		26" PINE	42+91.93	33.21'L	NO	TOWNHOME - RESIDENTIAL	NO
		14" PINE	43+03.07	33.55'L	NO	TOWNHOME - RESIDENTIAL	NO
		10" PINE	43+56.62	32.77'L	NO	TOWNHOME - RESIDENTIAL	NO
		12" SWEET GUM	44+48.06	34.18'L	NO	UTILITY EASEMENT	NO
		15" WATER OAK	45+18.91	31.69'L	NO	UTILITY EASEMENT	NO
		12" CHERRY	46+01.30	30.66'L	NO	UTILITY EASEMENT	NO
		18" WATER OAK	46+34.13	36.33'L	NO	UTILITY EASEMENT	NO
		3" SWEET GUM	46+56.57	30.90'L	NO	UTILITY EASEMENT	NO
		10" WATER OAK	46+57.67	32.14'L	NO	UTILITY EASEMENT	NO
		6" WATER OAK	46+59.56	30.86'L	NO	UTILITY EASEMENT	NO
		14" LAUREL OAK	46+63.27	35.36'L	NO	UTILITY EASEMENT	NO
		5" SWEET GUM	46+69.81	38.22'L	NO	UTILITY EASEMENT	NO
		24" WATER OAK	46+74.16	44.04'L	YES	N/A	NO
		20" WATER OAK	47+42.37	52.31'L	NO	SINGLE-FAMILY	NO
		4" CRAPE MYRTLE	48+64.08	28.30'L	YES	N/A	NO
		6" CRAPE MYRTLE	48+81.20	28.20'L	YES	N/A	NO
		8" CRAPE MYRTLE	49+08.51	26.80'L	YES	N/A	NO

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TREE IMPACT TABLE (CONT.)

CATEGORY	DEBITS	TREE SPECIES AND SIZE	STATION	OFFSET	IN CITY R/W	PRIVATE PROPERT LAND USE	IMPACTED TREES TO BE REMOVED
		33" LIVE OAK	49+28.85	29.21'L	YES	N/A	NO
		8" CRAPE MYRTLE	49+37.94	28.28'L	YES	N/A	NO
		8" CRAPE MYRTLE	49+53.28	28.46'L	YES	N/A	NO
		8" CRAPE MYRTLE	49+67.60	28.96'L	YES	N/A	NO
		22" WATER OAK	49+87.30	29.89'L	NO	SINGLE-FAMILY	NO
		19" LIVE OAK	49+94.84	32.37'L	NO	SINGLE-FAMILY	NO
		18" LIVE OAK	49+97.76	30.94'L	NO	SINGLE-FAMILY	NO
		15" LIVE OAK	49+98.70	32.35'L	NO	SINGLE-FAMILY	NO
		25" LIVE OAK	50+10.41	30.29'L	NO	SINGLE-FAMILY	NO
		12" CHERRY	50+17.70	34.24'L	NO	SINGLE-FAMILY	NO
		16" PECAN	52+10.10	31.53'L	NO	SINGLE-FAMILY	NO
		10" PECAN	52+15.26	31.11'L	NO	SINGLE-FAMILY	NO
		13" CHERRY	52+41.72	29.44'L	YES	N/A	NO
		8" CRAPE MYRTLE	53+56.57	22.58'L	YES	N/A	NO
		8" CRAPE MYRTLE	53+66.94	21.65'L	YES	N/A	NO
		8" CRAPE MYRTLE	53+76.13	21.26'L	YES	N/A	NO
		10" PECAN	53+86.25	26.36'L	NO	OFFICE BUILDING	NO
		12" LIVE OAK	53+86.50	30.66'L	NO	OFFICE BUILDING	NO
		26" WATER OAK	53+90.46	35.45'L	NO	OFFICE BUILDING	NO
		22" WATER OAK	54+37.17	17.53'L	YES	N/A	NO
		20" WATER OAK	54+37.95	20.41'L	YES	N/A	NO
		22" CHERRY	54+65.20	25.50'L	NO	SINGLE-FAMILY	NO
		25" WATER OAK	54+82.56	20.72'L	YES	N/A	NO
		30" PINE	54+90.97	25.45'L	YES	N/A	NO
		16" WATER OAK	54+96.17	22.77"L	YES	N/A	NO
		25" PECAN	55+75.99	36.65'L	NO	SINGLE-FAMILY	NO
		20" DATE PALM	55+76.11	32.84'L	NO	SINGLE-FAMILY	NO
		18" DATE PALM	56+05.71	34.45'L	NO	SINGLE-FAMILY	NO
		20" PINE	58+21.99	42.44'L	NO	OFFICE BUILDING	NO
		24" DATE PALM	58+27.44	40.33'L	NO	OFFICE BUILDING	NO
		13" WATER OAK	59+04.29	34.41'L	NO	OFFICE BUILDING	NO
		15" WATER OAK	59+18.42	36.33'L	NO	OFFICE BUILDING	NO
		15" PINE	59+26.18	34.87'L	NO	OFFICE BUILDING	NO
		21" PINE	59+42.18	38.46'L	NO	OFFICE BUILDING	NO
		28" WATER OAK	59+82.24	39.11'L	NO	OFFICE BUILDING	NO
		15" WATER OAK	59+86.50	33.09'L	NO	OFFICE BUILDING	NO
		12" LIVE OAK	60+07.82	35.14'L	NO	OFFICE BUILDING	NO
		24" PINE	60+10.60	35.95'L	NO	OFFICE BUILDING	NO
		17" WATER OAK	60+12.50	33.84'L	NO	OFFICE BUILDING	NO
		16" WATER OAK	60+74.57	32.69'L	NO	VACANT - COMMERCIAL	NO
		24" ?????	61+04.31	32.34'L	NO	VACANT - COMMERCIAL	NO
		28" LIVE OAK	63+17.37	30.83'L	NO	COMMERCIAL	NO
		17" DATE PALM	63+26.35	29.50'R	YES	N/A	NO
		20" SCYM	63+38.22	30.97'L	NO	COMMERCIAL	NO
		36" PINE	63+40.38	40.20'R	NO	COMMERCIAL	NO

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TREE NOTES & DETAILS

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Benjamin R. Lennon, P.E.
Florida Engineer # 78674

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 04/11/18
DRAWING: 40

1. GENERAL NOTES

1.1. THE GOVERNING CODE FOR THIS PROJECT IS THE FLORIDA BUILDING CODE, 5th EDITION (2014). THIS CODE PRESCRIBES WHICH EDITION OF EACH REFERENCE STANDARD APPLIES TO THIS PROJECT.

1.2. TO THE BEST OF OUR KNOWLEDGE, THE STRUCTURAL DRAWINGS COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE GOVERNING BUILDING CODE.

1.3. CONSTRUCTION IS TO COMPLY WITH THE REQUIREMENTS OF THE GOVERNING BUILDING CODE AND ALL OTHER APPLICABLE FEDERAL, STATE, AND LOCAL CODES, STANDARDS, REGULATIONS AND LAWS.

1.4. THE STRUCTURAL DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL & CIVIL DOCUMENTS. IF A CONFLICT EXISTS, THE MORE STRINGENT GOVERNS.

1.5. DETAILS LABELED "TYPICAL" APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED, WHETHER OR NOT THEY ARE KEYED IN AT EACH LOCATION. QUESTIONS REGARDING THE APPLICABILITY OF TYPICAL DETAILS SHALL BE RESOLVED BY THE ARCHITECT.

1.6. CONTRACTORS WHO DISCOVER DISCREPANCIES, OMISSIONS OR VARIATIONS IN THE CONTRACT DOCUMENTS DURING BIDDING SHALL IMMEDIATELY NOTIFY THE ARCHITECT. THE ARCHITECT WILL RESOLVE THE CONDITION AND ISSUE A WRITTEN CLARIFICATION.

1.7. THE CONTRACTOR SHALL PROTECT ADJACENT PROPERTY, HIS OWN WORK AND THE PUBLIC FROM HARM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, AND JOBSITE SAFETY INCLUDING ALL OSHA REQUIREMENTS.

1.8. THE STRUCTURE IS DESIGNED TO BE STRUCTURALLY SOUND WHEN COMPLETED. PRIOR TO COMPLETION, THE CONTRACTOR IS RESPONSIBLE FOR STABILITY AND TEMPORARY BRACING.

2. SHEET PILE WALL

2.1. STEEL SHEETS SHALL HAVE THE FOLLOWING MATERIAL AND/OR SECTION PROPERTIES

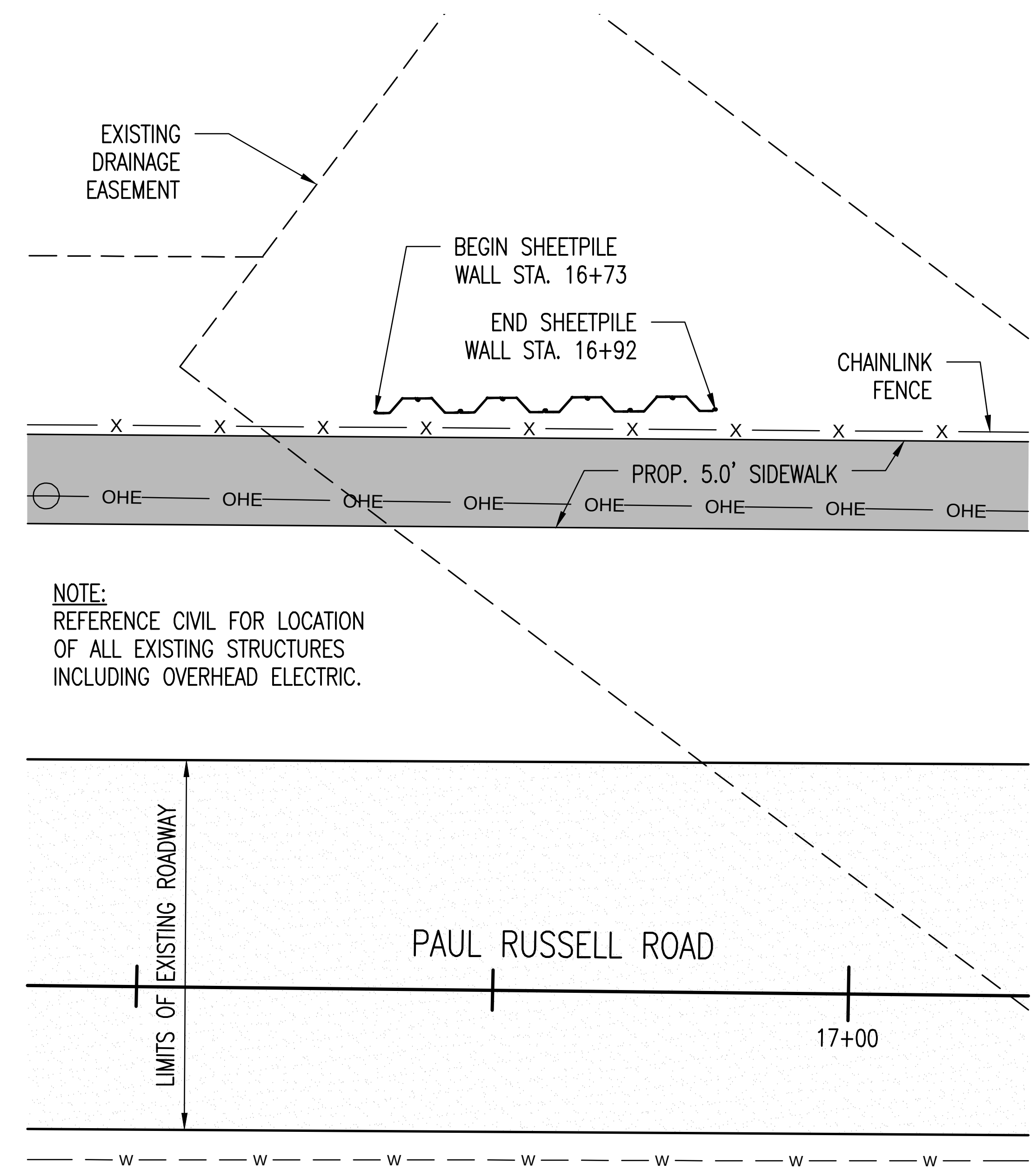
2.1.1. MINIMUM ULTIMATE TENSILE STRESS = 39,000 PSI
2.1.2. ALLOWABLE DESIGN STRESS = 23,400 PSI
2.1.3. SECTION CALLOUT = SCZ 16
2.1.4. SECTION DEPTH = 10 IN
2.1.5. MAX. ALLOWABLE BENDING MOMENT = 30,713 FT-LBS
2.1.6. SECTION MODULUS = 15.75 IN^3 / FT
2.1.7. MOMENT OF INERTIA = 78.73 IN^4 / FT

2.2. THE DESIGN OF THE SHEET PILE WALL IS BASED ON THE SOIL PROPERTIES AND RECOMMENDATIONS PRESENTED IN REPORT 09-326-16-01 BY ENVIRONMENTAL AND GEOTECHNICAL SPECIALISTS, INC. DATED OCTOBER 4, 2016. THE FOLLOWING DESIGN INFORMATION HAS BEEN PROVIDED IN THIS REPORT FOR DESIGN OF THE PROPOSED WALL:

2.2.1. SOIL LAYER 1 – 0 FEET TO 6 FEET
a. SILTY FINE TO ORGANIC CLAYEY FINE SAND (SM TO SC)
b. UNIT WEIGHT / EFFECTIVE UNIT WEIGHT = 105 PCF / 43 PCF
c. ANGLE OF INTERNAL FRICTION = 27 DEGREES
d. ACTIVE PRESSURE COEFFICIENT = 0.38
e. PASSIVE PRESSURE COEFFICIENT = 2.66

2.2.2. LAYER 2 – 6 FEET TO 20 FEET
a. CLAYEY SAND (SC)
b. UNIT WEIGHT / EFFECTIVE UNIT WEIGHT = 115 PCF / 53 PCF
c. ANGLE OF INTERNAL FRICTION = 32 DEGREES
d. ACTIVE PRESSURE COEFFICIENT = 0.31
e. PASSIVE PRESSURE COEFFICIENT = 3.25

2.3. BASED ON THE SOIL BORING SHOWN ON SHEET S2, THE ACTIVE WATER LEVEL IS ASSUMED TO BE 2.5 FEET BELOW THE TOP OF THE RETAINED SOIL AND THE PASSIVE WATER LEVEL IS ASSUMED TO BE AT THE BOTTOM OF EXCAVATION FOR THE PURPOSES OF DESIGN.



NORTH

SHEET PILE WALL PLAN
SCALE: 1" = 10'-0"

R E V I S I O N S

NO.	DATE	DESCRIPTION	BY

DESIGNED BY: BEK
DRAWN BY: BEK
CHECKED BY: PMM
APPROVED BY: BEK

CITY OF TALLAHASSEE

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Brian E. Kever, P.E.
Florida Engineer # 65627

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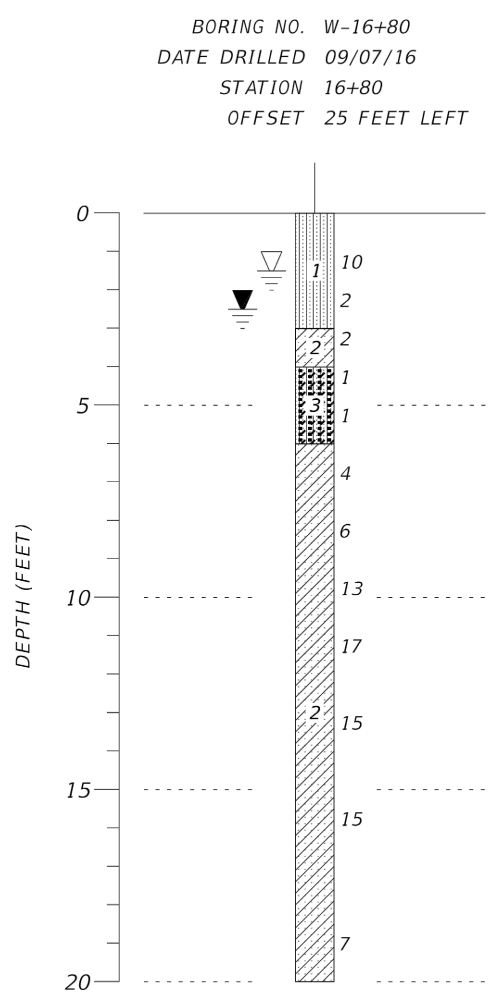
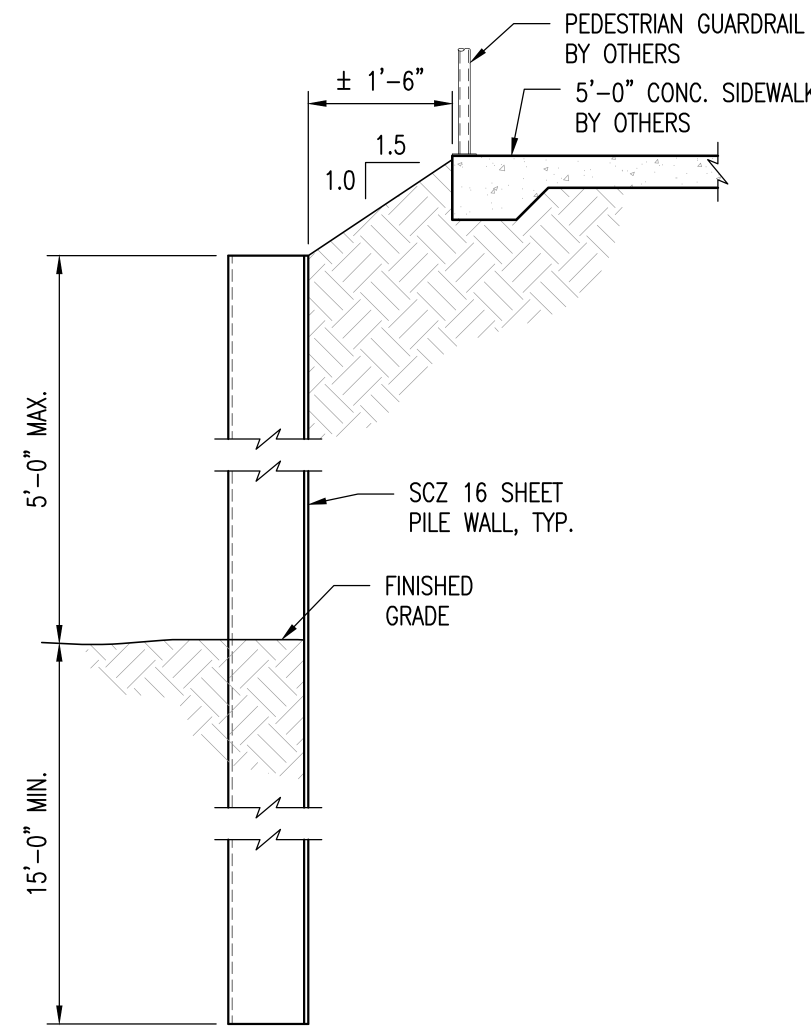


A SOIL BORING AT WALL LOCATION
S2
SCALE: N.T.S.



B SHEET PILE WALL SECTION
S2
SCALE: ¾" = 1'-0"

REVISIONS NO.	DATE	DESCRIPTION	BY

DESIGNED BY BEK
DRAWN BY BEK
CHECKED BY PMM
APPROVED BY BEK

CITY OF TALLAHASSEE

DO NOT SCALE THIS DRAWING – DIMENSIONS AND NOTES TAKE PREFERENCE

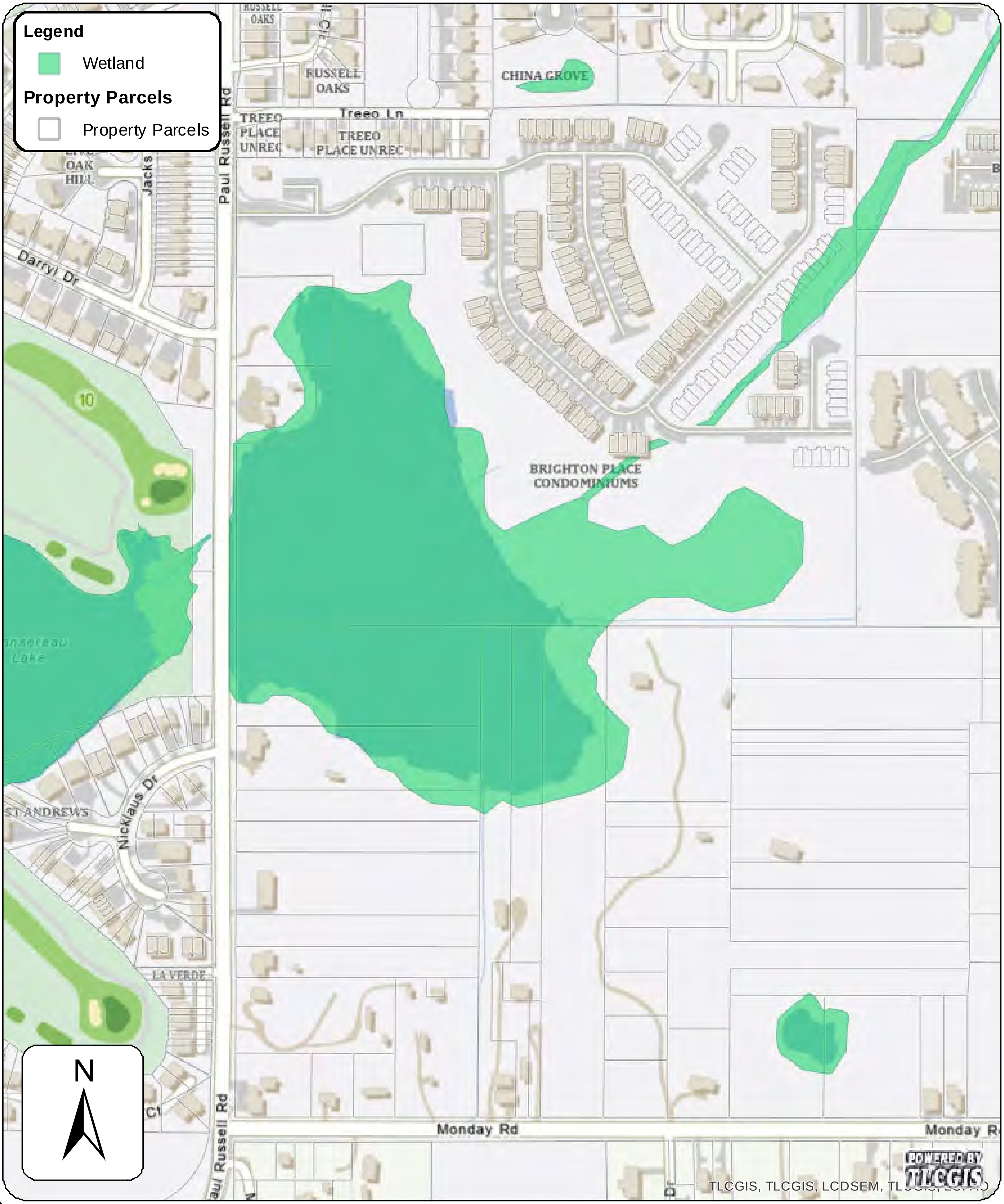
EXISTING CONDITIONS

PAUL RUSSELL ROAD SIDEWALK
LEON COUNTY, FLORIDA

DRMP
ENGINEERS • SURVEYORS • PLANNERS • SCIENTISTS
Certificate of Authorization No. 2648
2882 Remington Green Circle
Tallahassee, Florida 32308
Phone:850.562.9600 WWW.DRMP.COM

Brian E. Kever, P.E.
Florida Engineer # 65627

PROJECT NO.: 12-0345.003
SCALE: AS SHOWN
DATE: 01/31/2017
DRAWING: S2



Wetland Location Map

DISCLAIMER

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Scale:	
Not To Scale	
Date Drawn:	
January 6, 2023	

Tallahassee/Leon County GIS
Management Information Services
Leon County Courthouse
301 S. Monroe St, P3 Level
Tallahassee, Fl. 32301
850/606-55
http://www.tlcgis.org