

BOARD OF COUNTY COMMISSIONERS ESCAMBIA COUNTY, FLORIDA **ENGINEERING DEPARTMENT**

PLANS PROPOSED FOR

OAKFIELD ACRES PHASE I ROYAL LANE DRAINAGE IMPROVEMENTS PROJECT

"RELEASED FOR CONSTRUCTION"

INDEX OF ROADWAY PLANS

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COMMISSIONERS

DISTRICT ONE **JEFF BERGOSH**

DISTRICT TWO MIKE KOHLER

DISTRICT THREE **LUMON MAY**

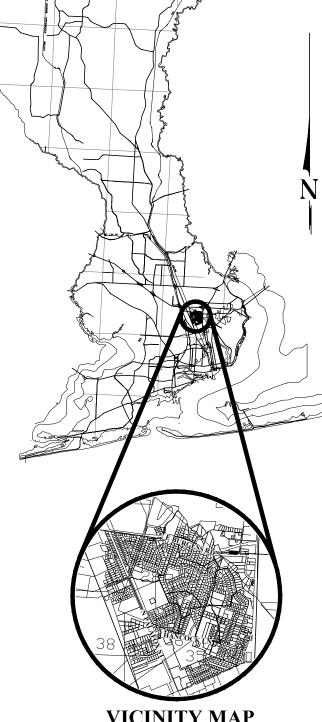
DISTRICT FOUR ASHLEE HOFBERGER (VICE CHAIR)

DISTRICT FIVE STEVEN BARRY (CHAIRMAN)

THESE PLANS HAVE REEN PREPARED IN ACCORDANCE WITH THE LATEST ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICAPABLE TO ANY SPECIFICATION REFERED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

NOVEMBER, 2024



VICINITY MAP



PENSACOLA, FLORIDA 32503 PHONE: (850) 332-7912 CERTIFICATÉ OF AUTHORIZATION #26889

OJECT MANAGER:	
Matt Skipper	
CTION / TOWNSHIP / RANGE:	DISTRICT:
S-28/T-1S/R-30	1
OJECT ENGINEER:	REG FLA ENG NO:
Jason L. Lashley, P.E.	57353
SNATURE:	DATE:

GENERAL NOTES:

- 1. THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL
- ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY THE FLORIDA STORMWATER EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2008 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR
- ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS
- 6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
- 8. EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR
- 10. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- 11. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- 12. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- 13. ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS. SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.
- 14. EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- 15. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY
- 16. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- 17 ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY
- 18. IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

MR JOE BARRETT PLS ESCAMBIA COUNTY SURVEYOR 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32505 PH (850) 595-3427 JACE RICARD PLS SIGMA CONSULTING GROUP INC 3298 SUMMIT BOULEVARD: SUITE 32 PENSACOLA, FLORIDA 32503 PH (850) 332-7912

- 19. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
- 20. GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCROACHES WITHIN TWO (2) FEET OF THE BOTTOM OF
- 21. ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL REMAIN UNLESS OTHERWISE NOTED IN PLANS.
- 22. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.
- 23 MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 102-600
- 24. ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT DESIGN STANDARDS AND UNITED POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX
- 25. THE CONTRACTOR SHALL, AT A MINIMUM, MATCH EXISTING SIGNING AND PAVEMENT MARKINGS. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE LATEST FDOT SPECIFICATIONS AND STANDARD PLANS.
- 26. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION
- 27. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION

- 29 IF ARCHAEOLOGICAL MATERIAL/PREHISTORIC ARTIFACTS SLICH AS POTTERY OR CERAMICS, STONE TOOLS OR METAL IMPLEMENTS, OR ANY OTHER PHYSICAL REMAINS THAT COULD BE ASSOCIATED WITH NATIVE AMERICAN CULTURES, OR EARLY COLONIAL OR AMERICAN SETTLEMENT ARE ENCOUNTERED AT ANY TIME. THE PROJECT SHOULD CEASE ALL ACTIVITIES INVOLVING SUBSURFACE DISTURBANCE IN THE IMMEDIATE VICINITY OF SUCH DISCOVERIES. THE APPLICANT/RECIPIENT, OR OTHER DESIGNEE, SHOULD CONTACT THE FLORIDA DEPARTMENT OF STATE, DIVISION OF HISTORICAL RESOURCES, THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AND THE DSH/FEMA REGION IV ENVIRONMENTAL OFFICER AND FDEM STATE ENVIRONMENTAL LIAISON OFFICER FOR FURTHER GUIDANCE. PROJECT ACTIVITIES SHOULD NOT RESUME WITHOUT VERBAL AND/OR WRITTEN AUTHORIZATION FROM THE DIVISION OF HISTORICAL RESOURCES.
- 30. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05

UTILITY NOTES:

- THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
- 2. UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES, KNOWN UTILITIES OWNERS INCLUDE:

SEWER/WATER - EMERALD COAST UTILITY AUTHORITY MR. JACOB KEARLEY P.O. BOX 15311 PENSACOLA, FL. 32514 PH: (850) 969-5823 JACOB.KEARLEY@ECUA.FL.GOV

NATURAL GAS - PENSACOLA ENERGY MR ANDREW BRISKE 1625 ATWOOD DRIVE PENSACOLA, FL. 32514 PH: (850) 474-5309 ABRISKE@CITYOFPENSACOLA.COM

TELEPHONE - AT&T FLORIDA MR. TOM MANNING 6689 E MAGNOLIA STREET MILTON, FL. 32570 PH: (850) 463-5176 TM2709@ATT.COM

ESCAMBIA COUNTY TRANSPORTATION & TRAFFIC DIVISION MR. ANDREA LUGAR 3363 WEST PARK PLACE PENSACOLA, FL. 32505 PH:(850) 595-3639 ARLUGAR@MYESCAMBIA.COM

ESCAMBIA COUNTY SCHOOL BOARD MR. ROB DOSS 9255 STURDENVANT STREET PENSACOLA, FL 32514 PH: (850) 469-5488

ELECTRIC - FLORIDA POWER & LIGHT

PENSACOLA, FL. 32520 PH: (850) 516-8499

PENSACOLA, FL. 32514 PH: (850) 232-5044

7200 LAKE ELLENOR DRIVE, SUITE 200

ORLANDO, FL. 32809 PH: (800) 432-4770

MR. STEPHEN HARRIS

ONE ENERGY PLACE

CABLE - COX CABLE

MR TROY YOUNG 3405 MCLEMORE DRIVE

STEPHEN.HARRIS@FPL.COM

TROY.YOUNG@COX.COM

SUNSHINE STATE ONE-CALL

- 3. AT&T FLORIDA WILL COMPLETE ALL WORK DURING THE HOURS OF 7:30 AM 4:30 PM, MONDAY THRU FRIDAY. NO NIGHT OR WEEKEND WORK.
- ALL CABLE DAMAGE MUST BE REPORTED TO THE ATT FLORIDA REPAIR SERVICE DEPARTMENT AT 611 FROM A LAND LINE OR 877-737-2478 IF USING
- 5. ALL VEHICLE LOOP INSTALLATION SHALL BE DONE AS PER FDOT INDEX 660-001.
- 6. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- 7. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS

PROJECT SPECIFIC NOTES:

FLORIDA 332-7912 OF ION #26889 BOULEV



DRAINAGE S PROJECT OAKFIELD ACRES IMPROVEMENTS

roject Number 220301

NOVEMBER 202 F.E.A./ C.E.S.

> F.E.A J.L.L

1.0 SITE DESCRIPTION

1.A NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT CONSISTS OF SIDEWALK GRADING AND DRAINAGE IMPROVEMENTS ON HANCOCK LN. MONARCH LN. DLICHESS RD AND ROYAL IN AND PROVIDING FILL AND GRADING ACTIVITIES TO CREATE TWO (2) PONDS. THE FIRST POND IS LOCATED EAST OF THE CSX RAILROAD AND SOUTH OF HANCOCK LANE. POND 2 IS LOCATED AT THE INTERSECTION OF ROYAL LANE AND WHITEOAK

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER

FOR EACH CONSTRUCTION PHASE. INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

- CLEARING AND GRUBBING, EARTHWORK FOR STORM SEWER CONSTRUCTION
- CLEARING AND GRUBBING, EARTHWORK FOR POND EXPANSION
 CLEARING AND GRUBBING, EARTHWORK FOR ASPHALT AND BASE REMOVAL

AREA ESTIMATES:

TOTAL SITE AREA: 12.2 ACRES
TOTAL AREA TO BE DISTURBED: 10.0 ACRES

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS: DURING: VARIES FROM 0.54 TO 0.54 SOILS DATA: SILT/ LOAM/ UNSUITABLE MATERIALS ANTICIPATED FOR ADDITIONAL SOILS DATA SEE PROJECT GEOTECHNICAL REPORT PREPARED BY:

OUTFALL INFORMATION:

THE REGIONAL POND ON HANCOCK IS A TOTAL RETENTION POND. IT WILL ONLY DISCHARGE DURING AN ATYPICAL STORM EVENT. THE ROYAL LANE POND WILL OUTFALL INTO A SYSTEM THAT RUNS NORTH ALONG WHITE OAK DRIVE BEFORE CONNECTING INTO AN EXISTING STORM WATER SYSTEM WHERE WHITE OAK DRIVE MEETS SOUTHERN STREET.

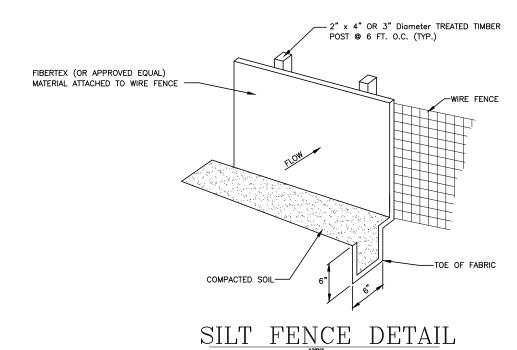
1.E. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE

- APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN PLAN SHEETS
- AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.
- AREAS NOT TO BE DISTURBED: SODDED / MAINTAINED AREAS BEYOND WEST ROW. EAST ROW.
- LOCATIONS OF TEMPORARY CONTROLS: TO BE SHOWN ON THE CONTRACTORS APPROVED EROSION CONTROL PLAN.
- SEDIMENTATION BASIN AND FLOATING/ STAKED TURBIDITY BARRIER ARE SUGGESTED.
 LOCATIONS OF PERMANENT CONTROLS: SOD ALL DISTURBED NON-PAVED AREAS (EXCLUDING DITCH BOTTOM)
- AREAS TO BE STABILIZED: ROADSIDE SWALES/ DITCHES.

RECEIVING WATERS

SEE ITEM 1.D. FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES.



2.0 CONTROLS

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE GRADING PLAN OUTLINED IN THE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER

THE PARAGRAPH ABOVE REFERS TO A 7 DAY LIMIT BEFORE INITIATING STABILIZATION. THE DEP GENERIC PERMIT SPECIFIES 7 DAYS, BUT STRICTER REQUIREMENTS FROM OTHER PERMITTING AGENCIES WILL OFTEN APPLY AND

- TEMPORARY:

 * ARTIFICIAL COVERINGS IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104.
- TURF AND SOD IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104

PERMANENT:

* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570 AND INDEX 105.

2.A.2 STRUCTURAL PRACTICES:

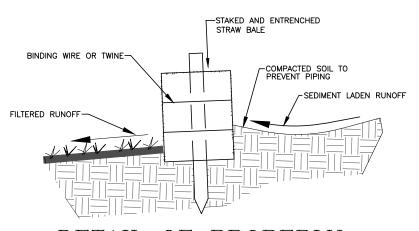
IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING,

- SEDIMENT BARRIERS IN ACCORDANCE WITH FDOT SPECIFICATION SECTION 104.
- * INLET PROTECTION IN ACCORDANCE WITH FDOT SPECIFICATION DETAIL 104 AND SPECIAL DETAILS SHOWN IN
- SEDIMENT CONTAINMENT SYSTEM: SILT FENCE AND HAY BALES WILL BE UTILIZED AS THE TEMPORARY SEDIMENT CONTAINMENT SYSTEM.

PERMANENT: * SOD

2.B STORMWATER MANAGEMENT:

EXISTING ROADSIDE DITCHES COLLECT STORMWATER AND DIRECT IT TO SURROUNDING WETLAND AREAS



DETAIL OF PROPERLY INSTALLED STRAW BALE

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS. INCLUDING BUILDING MATERIALS. TO WATERS OF THE LINITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER

- 1. PROVIDING LITTLER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION
- 2. DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

2 C 2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN. THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- COVERING LOADED HAUL TRUCKS WITH TARPAULINS.
- 2. REMOVE EXCESS DIRT FROM ROADS DAILY 3. STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO FDOT DESIGN STANDARDS.
- 4. USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND HANDLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTION OF SECTION 570 OF THE FDOT SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 FEDERAL. STATE AND LOCAL PLANS AND PERMITS:

NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWMD) GENERAL ENVIRONMENTAL RESOURCE PERMIT PERMIT NO. GEN-033-291622-1

U.S. ARMY CORPS OF ENGINEERS (CORPS) NWP43 PERMIT NO. SAJ-2020-00214 (NRP/NW-DLI)

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM COMPLY WITH THE FOLLOWING:

- 1. SILT FENCE: MAINTAIN PER FDOT SPECIFICATION SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE
- REPLACING SILT FENCE ON 12 MONTH INTERVALS.
 2. SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN
- WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY. THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GALIGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION

- LIST OF INSPECTION ITEMS

 1. POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- 2. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED
- 3. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION
- 5. STORMWATER MANAGEMENT SYSTEMS
- 6. LOCATIONS WHERE VEHICLES ENTER THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER. IF INSPECTIONS INDICATE THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGE OF POLLUTANTS, THAT CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN. THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STÓRMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT ESCAMBIA COUNTY ENGINEERING

, FLORIDA) 332-7912 E OF 10N #26889





DRAINAGE S PROJECT OAKFIELD ACRES IMPROVEMENTS

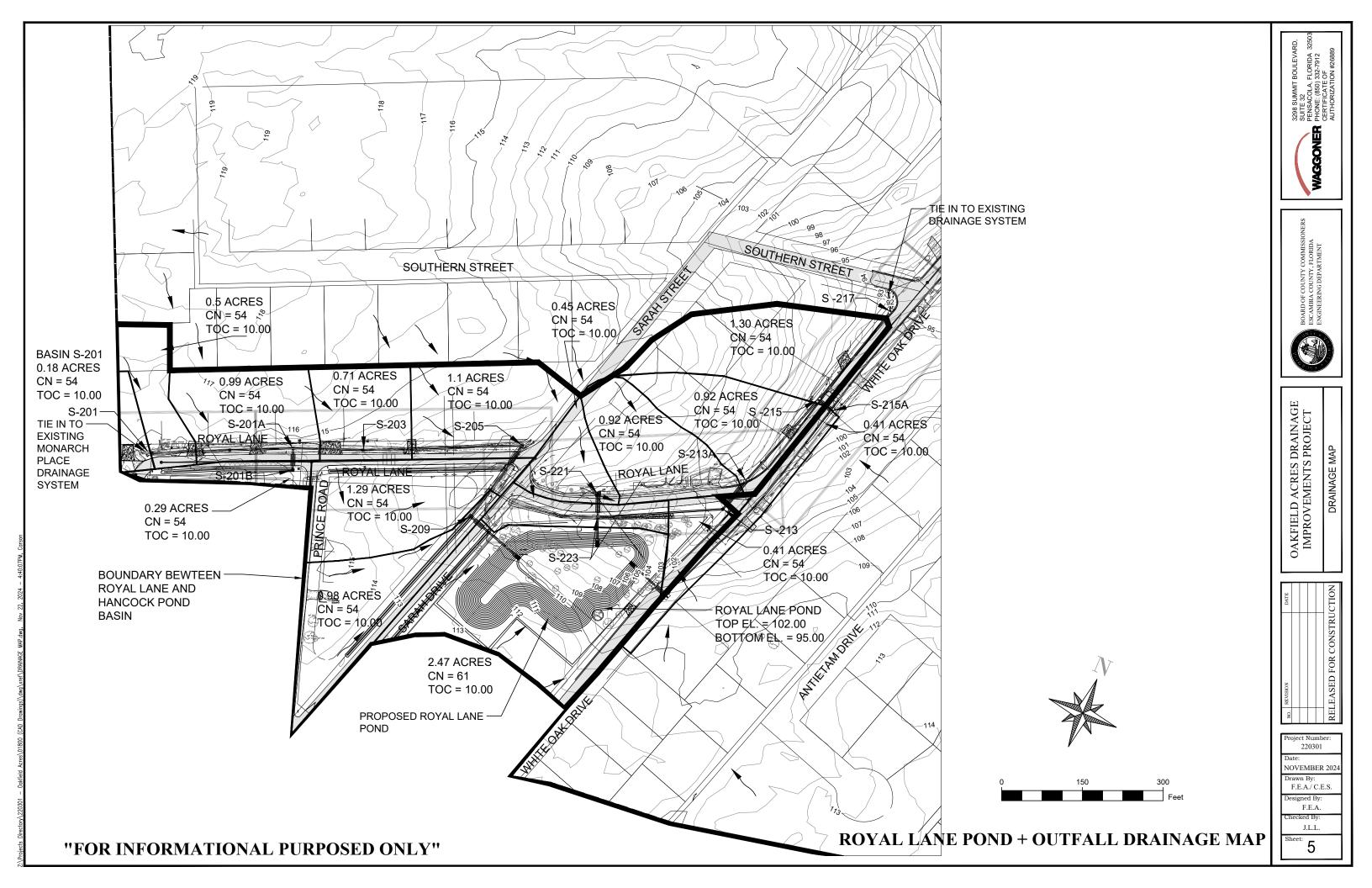
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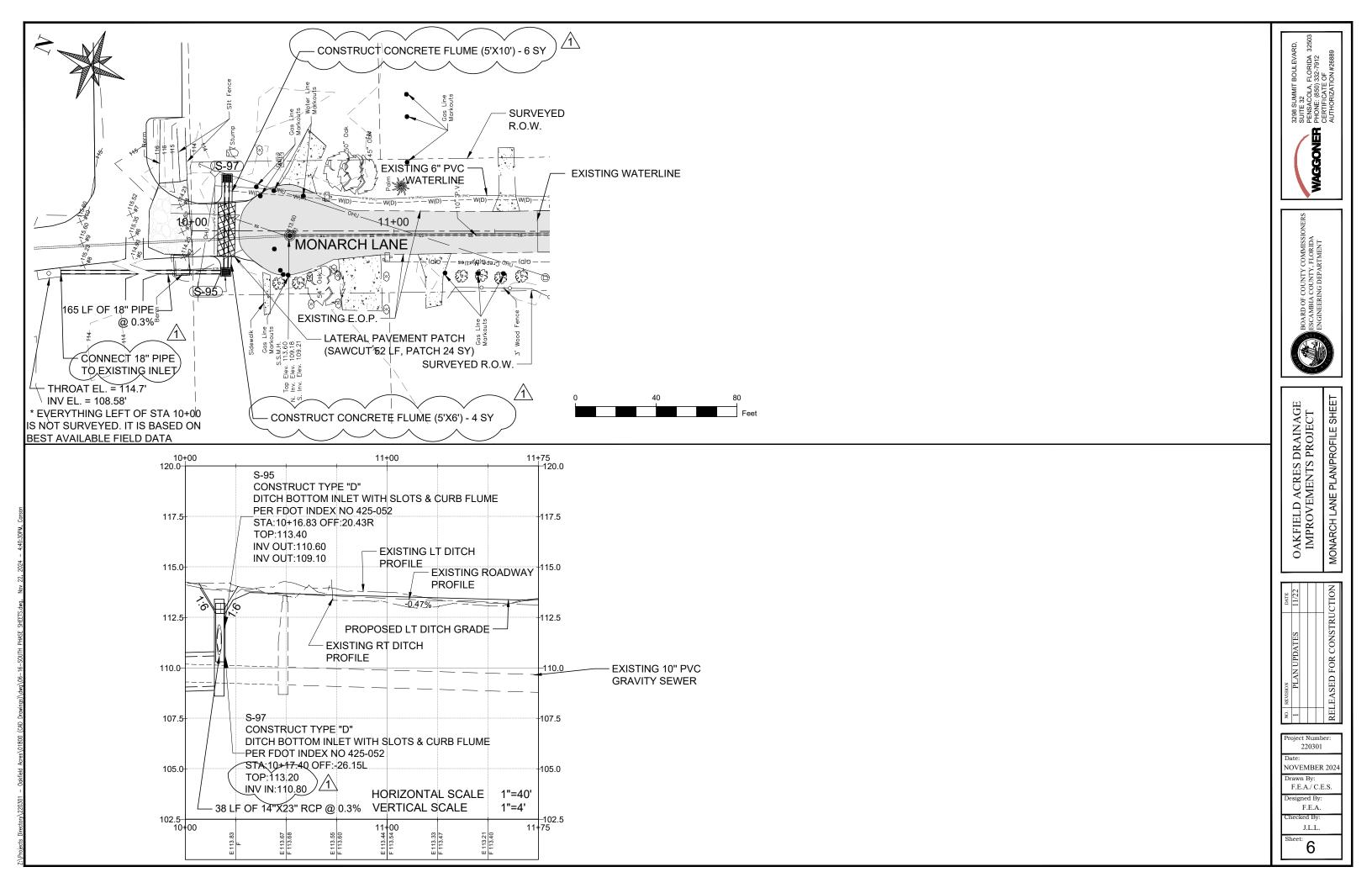
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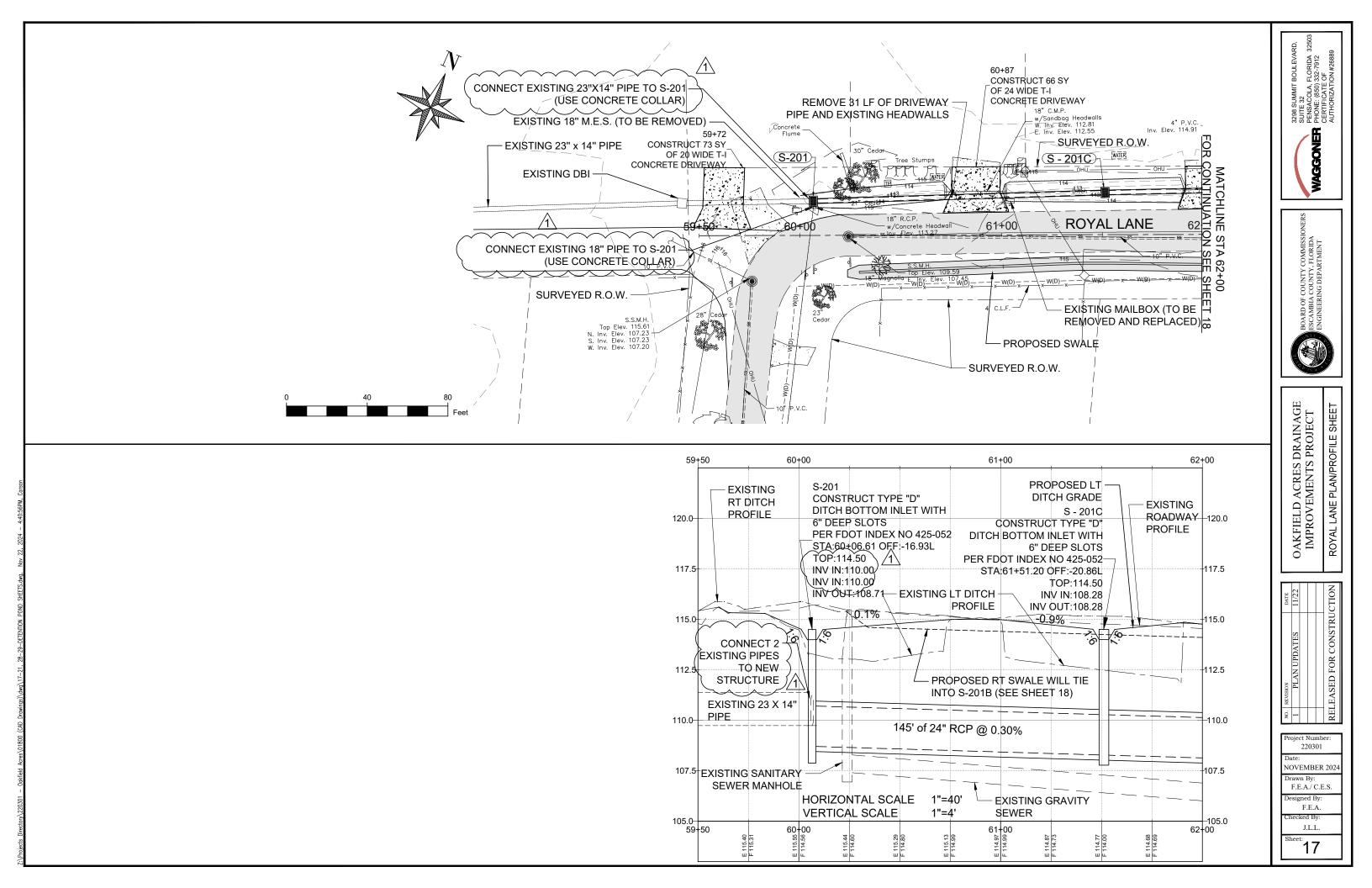
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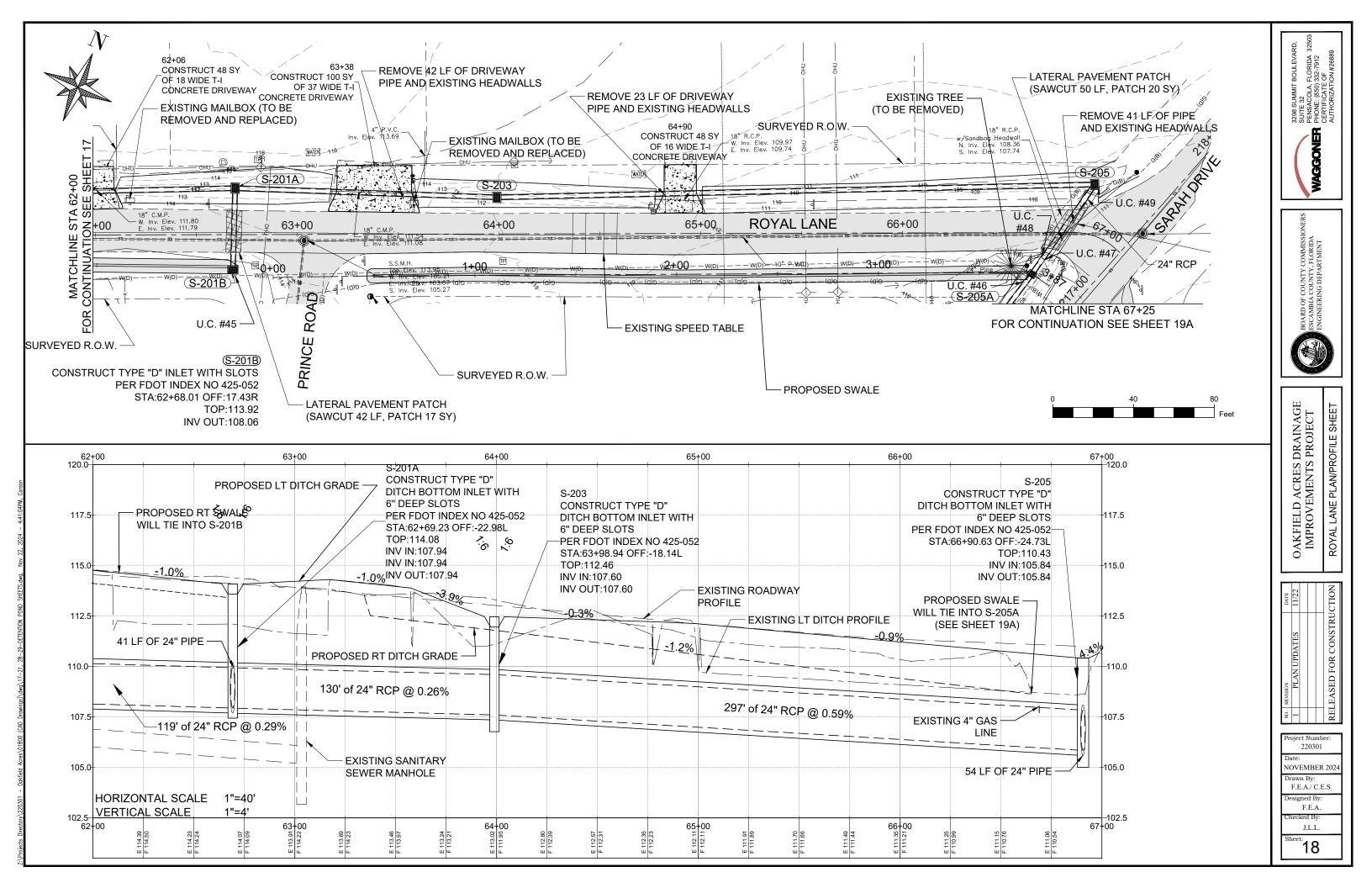
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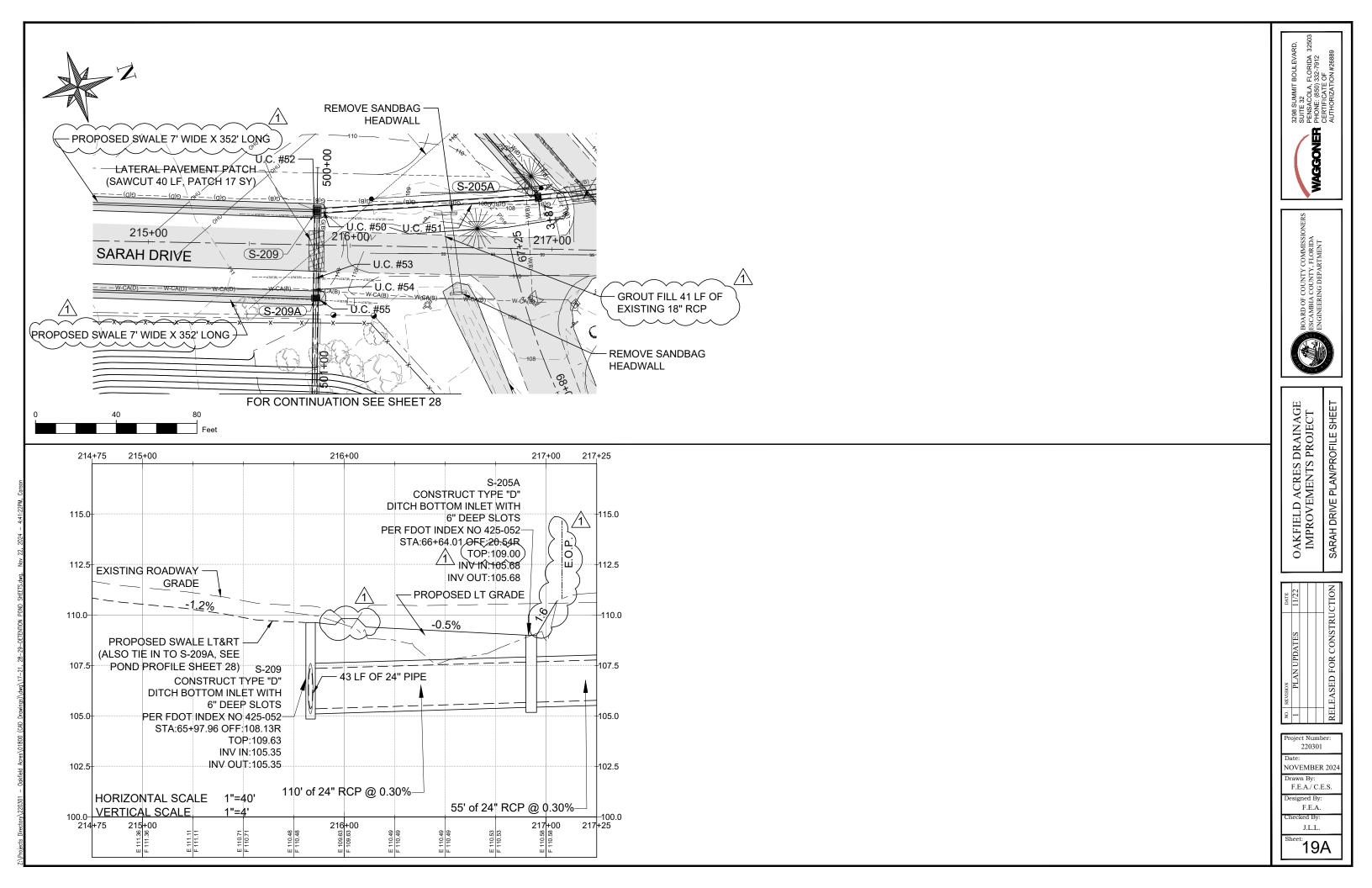
J.L.L

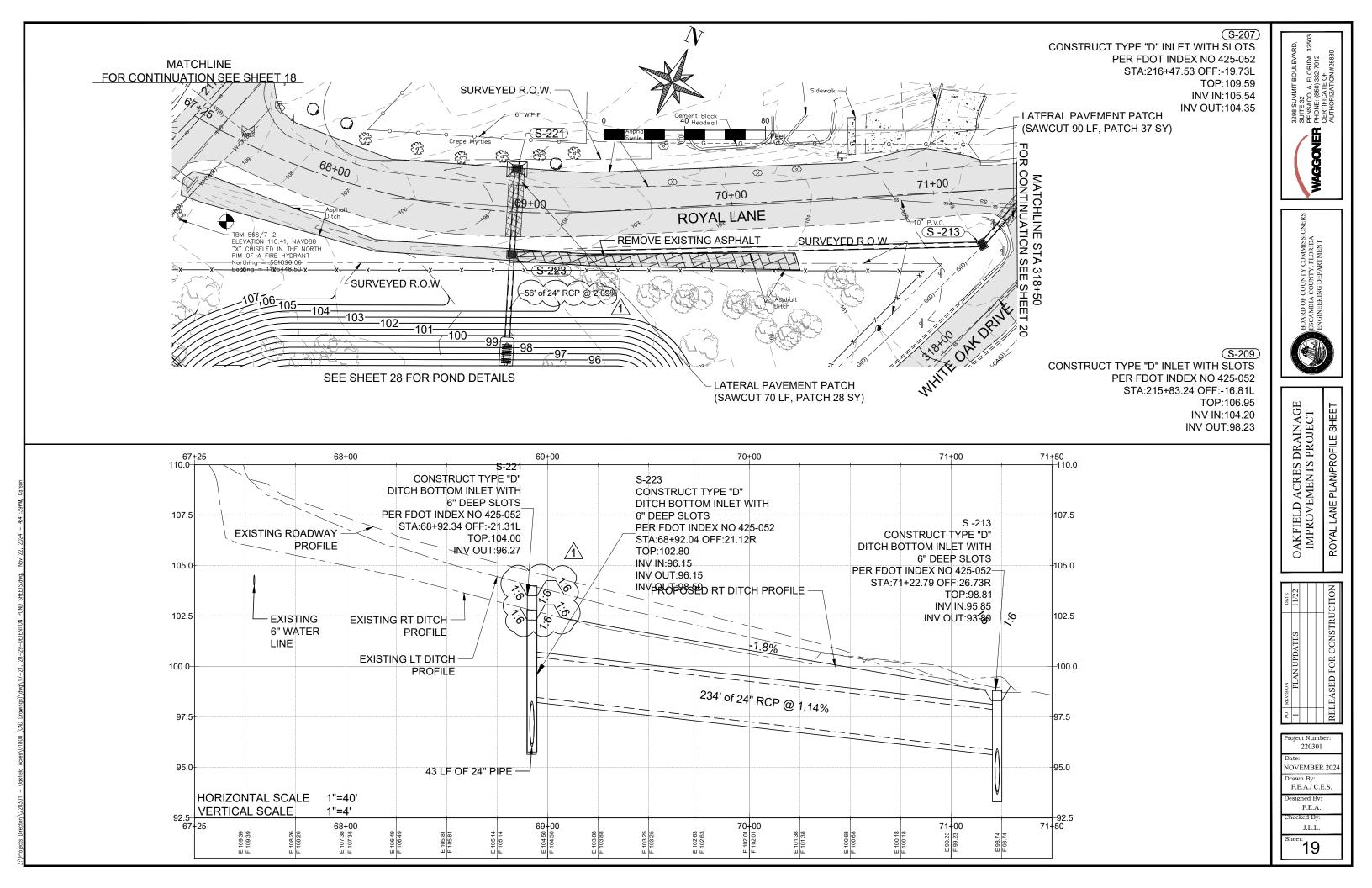


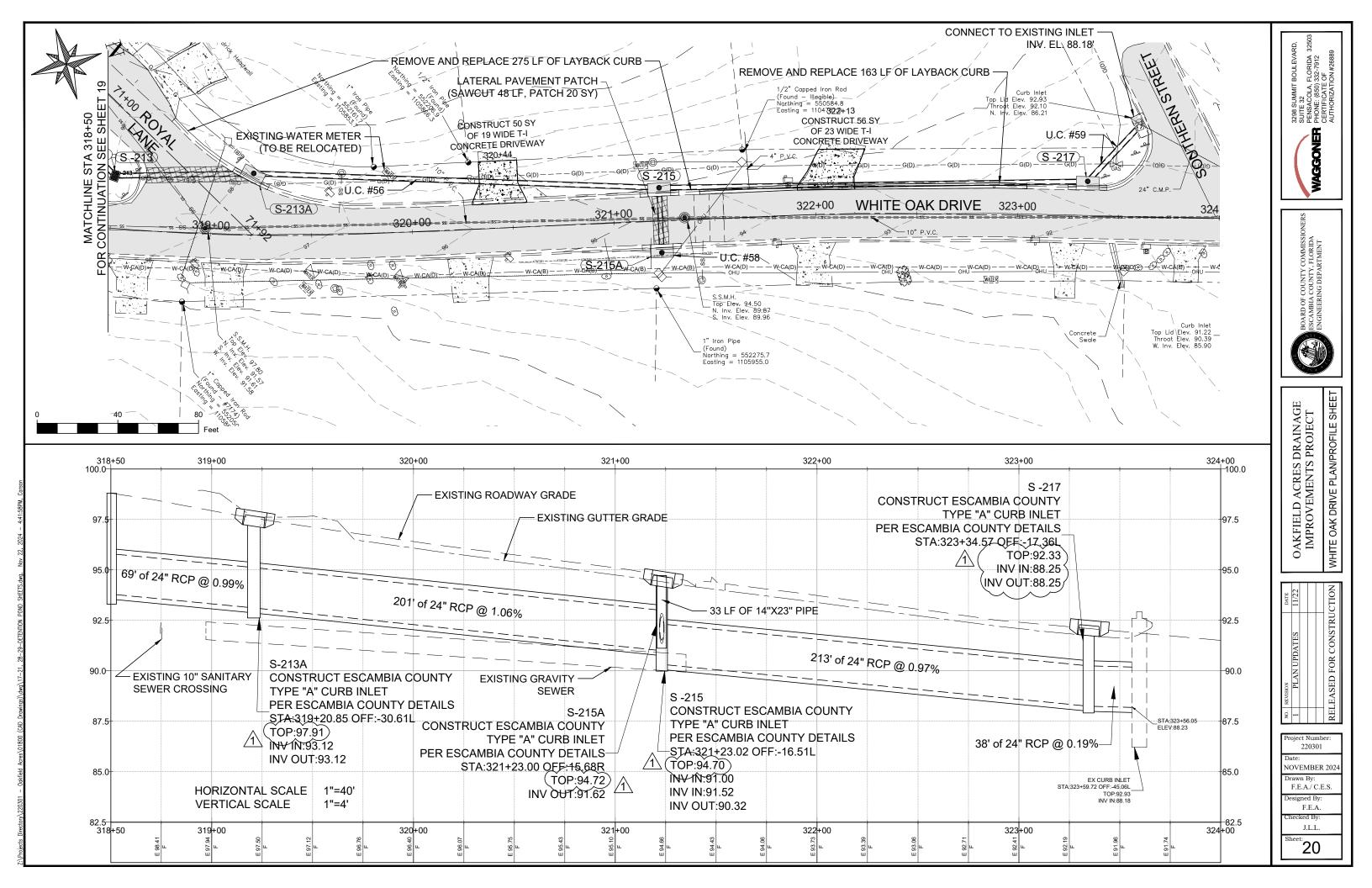


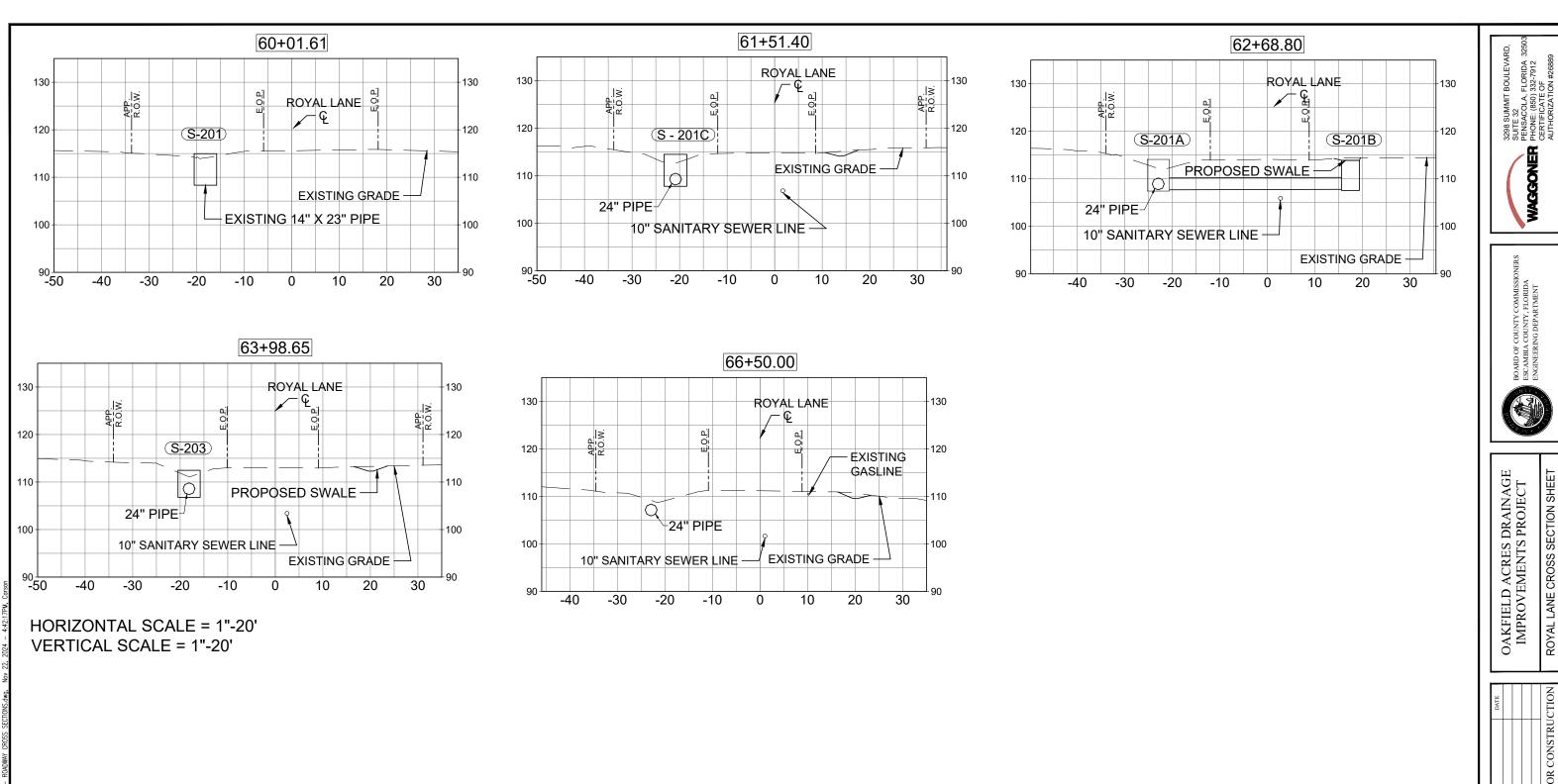














ROYAL LANE CROSS SECTION SHEET

Project Number:

NOVEMBER 2024 Drawn By: F.E.A./ C.E.S.

F.E.A. J.L.L.

23

HORIZONTAL SCALE = 1"-20' VERTICAL SCALE = 1"-20' 68+92.22 120-120 ROYAL LANE EXISTING GRADE -110 110 S-221 (S-223) PROPOSED GRADE -100 100 90 90

20

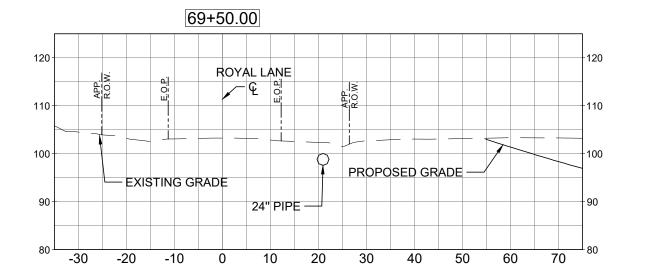
30

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50

60

70



3298 SUMMIT BOULEVARD, SUITE 32 PENSACOLA, FLORIDA 32503 WACCONER PHONE: (850) 332-7912 CERTIFICATE OF AUTHORIZATION #226899





SARAH-ROYAL CROSS SECTION SHEET OAKFIELD ACRES DRAINAGE IMPROVEMENTS PROJECT

Project Number: 220301

NOVEMBER 2024

Drawn By: F.E.A./ C.E.S.

F.E.A.

J.L.L. [±]25

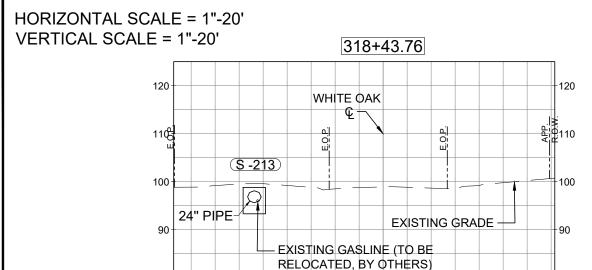
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-20

-10

0

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-20

-10

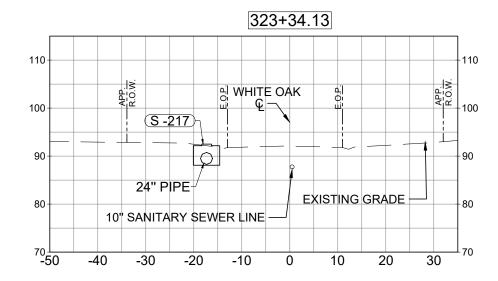
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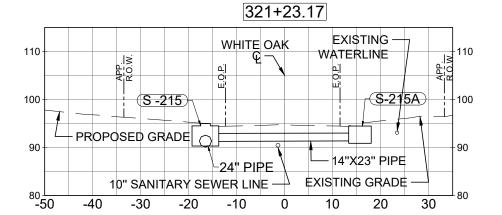
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30



\$298 SUMMIT BOULEVARD,
SUITE 32
ENESACOLA, FLORIDA 32503
HONE: (850) 332-7912
ERTIFICATE OF
SUTHORIZATION #26889

WAGGONER PHORESTER

BOARD OF COUNTY COMMISSIONERS ESCAMBIA COUNTY, FLORIDA ENGINEERING DEPARTMENT



OAKFIELD ACRES DRAINAGE IMPROVEMENTS PROJECT WHITE OAK CROSS SECTION SHEET

NO REVISION DATE
RELEASED FOR CONSTRUCTION

Project Number: 220301

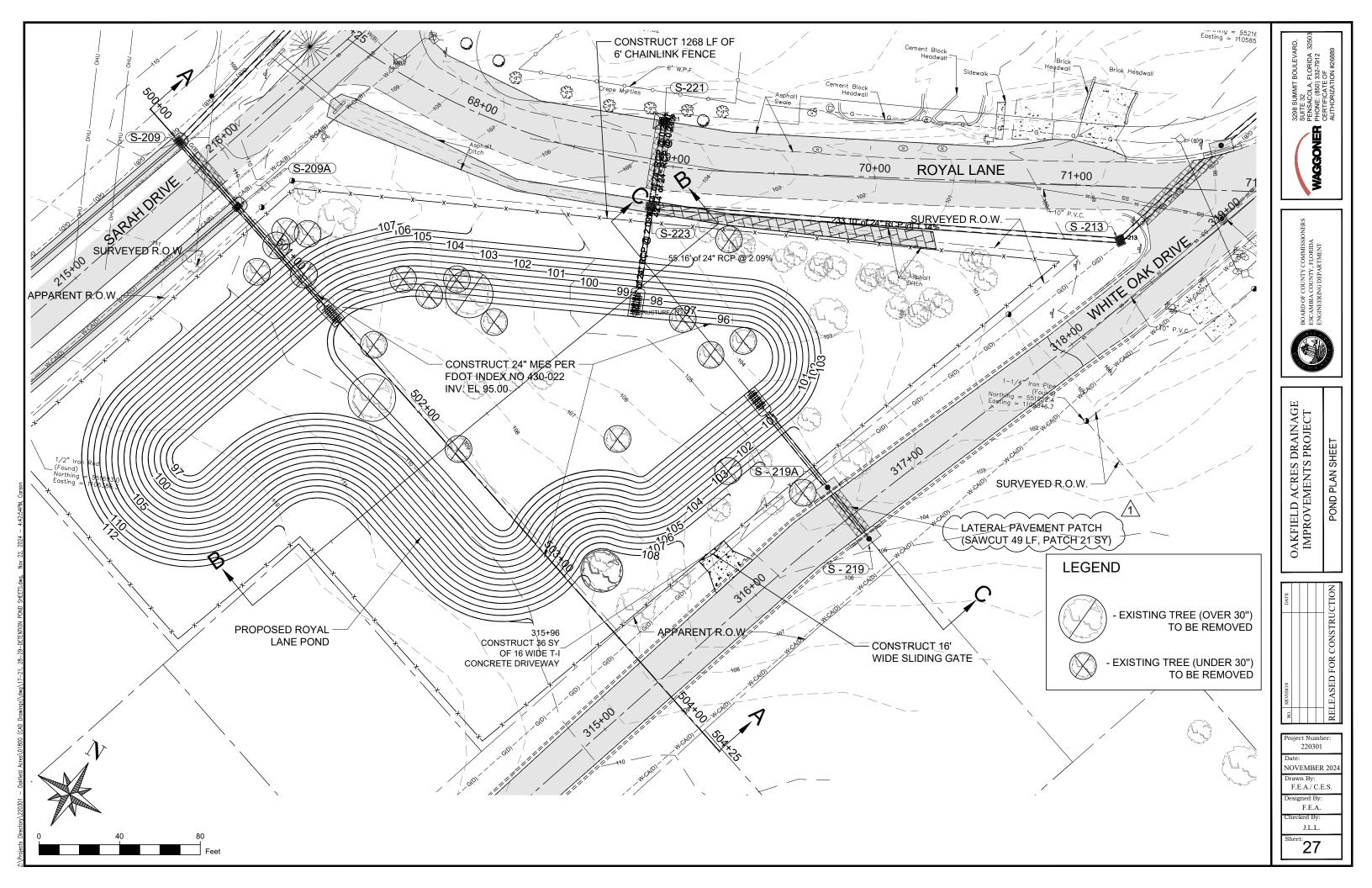
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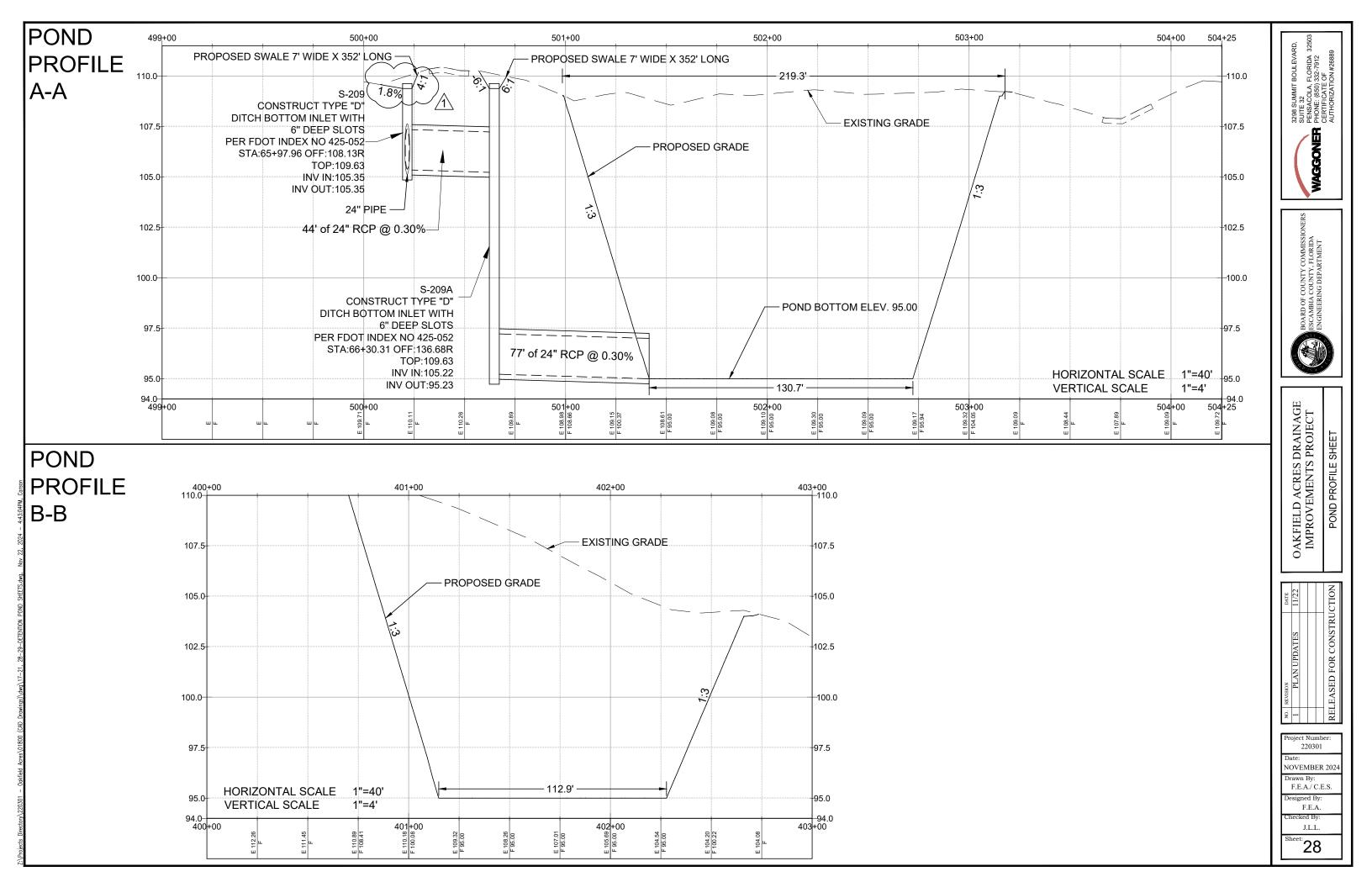
Drawn By: F.E.A./ C.E.S.

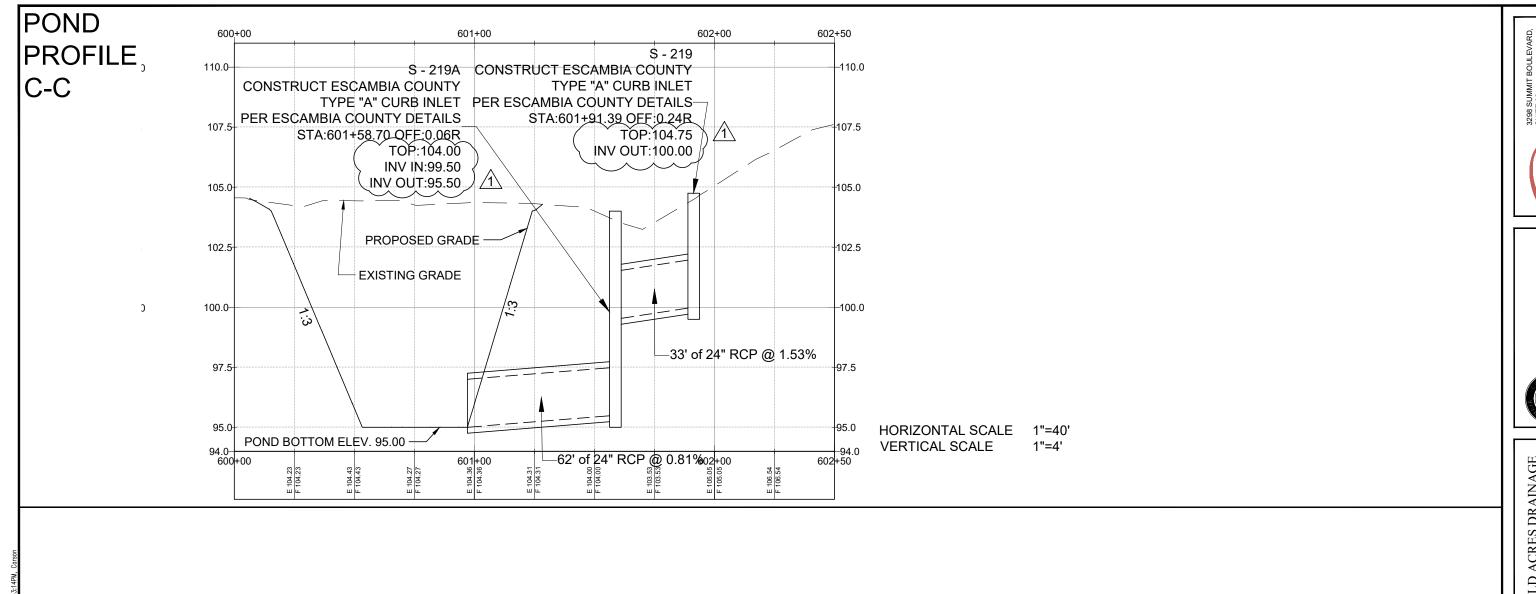
F.E.A.

J.L.L.
Sheet: 26

Z:\Projects Unestory\zzuoun = Vakileia Acres\violovi (LAD Didwings\violovi) Awq\zz=z/= KUADWATI CRUSS SECTIONSGWQ, NOV ZZ, ZUZ+









OAKFIELD ACRES DRAINAGE IMPROVEMENTS PROJECT POND PROFILE SHEET

Project Number: 220301

NOVEMBER 2024

Drawn By: F.E.A./ C.E.S.

F.E.A.

J.L.L.

29