

CONTRACT PLANS COMPONENTS

ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

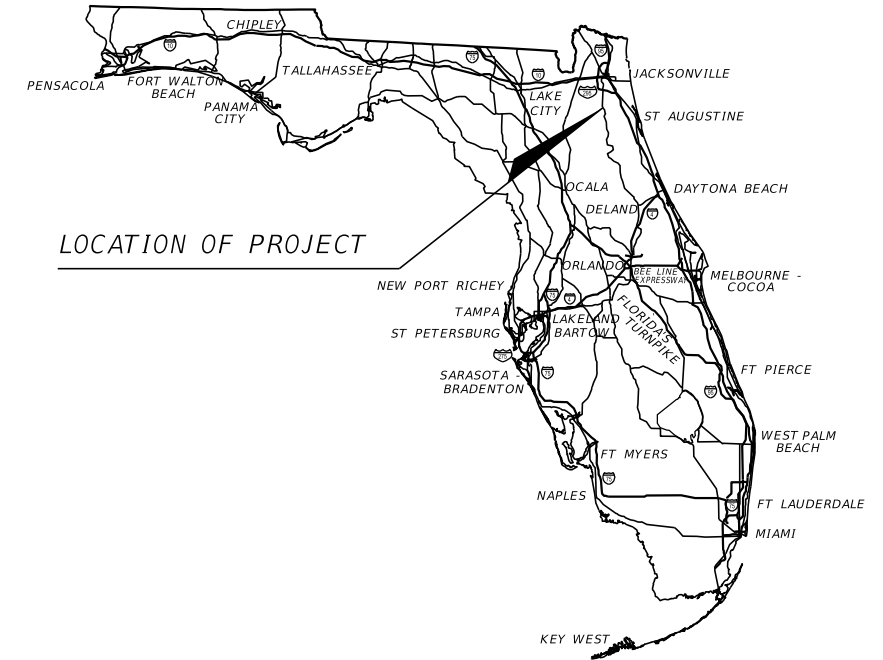
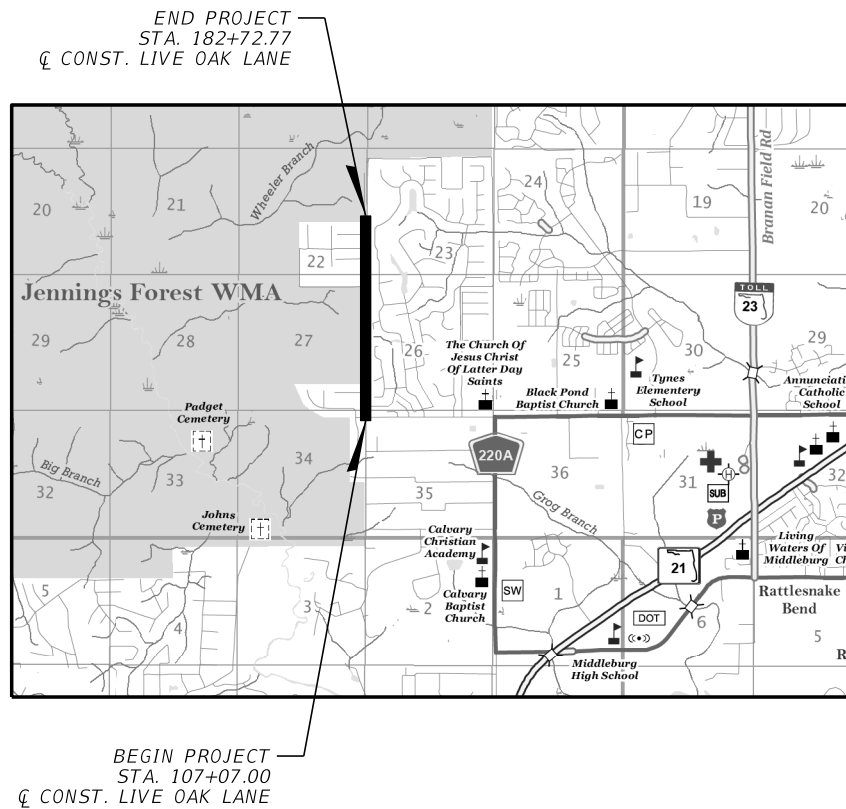
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CLAY COUNTY, FLORIDA



LIVE OAK LANE

COUNTY CONTRACT NO. 2020/2021-228
FDOT FPID 449202-1-54-01



PLANS PREPARED BY:
GAI CONSULTANTS, INC.
12574 FLAGLER CENTER BLVD - SUITE 202
JACKSONVILLE, FLORIDA 32258

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

PREPARED FOR
COUNTY ENGINEERING DEPARTMENT
RICHARD SMITH P.E.
DIRECTOR OF ENGINEERING

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2023-2024 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

APPLICABLE IRs: IR - -

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2023-2024 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

- COMMISSIONERS
- | | |
|-------------------|------------------------|
| MIKE CELLA | DISTRICT 1 |
| ALEXANDIA COMPERE | DISTRICT 2 |
| JIM RENNINGER | DISTRICT 3, VICE CHAIR |
| BETSEY CONDON | DISTRICT 4, CHAIR |
| KRISTEN BURKE | DISTRICT 5 |

HOWARD WANAMAKER

COUNTY MANAGER

TARA S. GREEN

CLERK OF COURT

RICHARD SMITH P.E.

DIRECTOR OF ENGINEERING

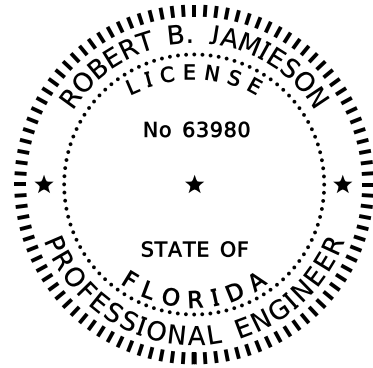
KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ENGINEER OF RECORD: ROBERT B. JAMIESON, P.E.

P.E. NO.: 63980

SHEET NO.

1



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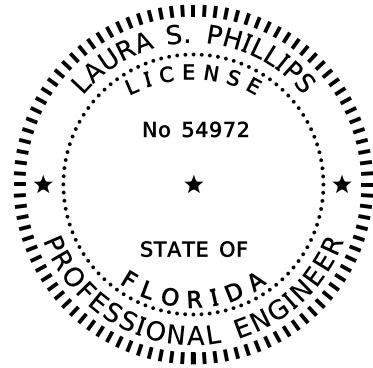
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ROBERT B. JAMIESON, P.E. NO. 63980

THE ABOVE NAMED PROFESSIONAL IS RESPONSIBLE FOR THE FOLLOWING
SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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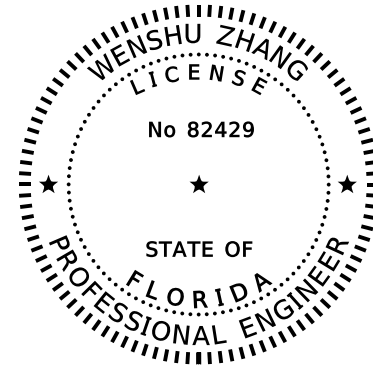
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REVISIONS				ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION		
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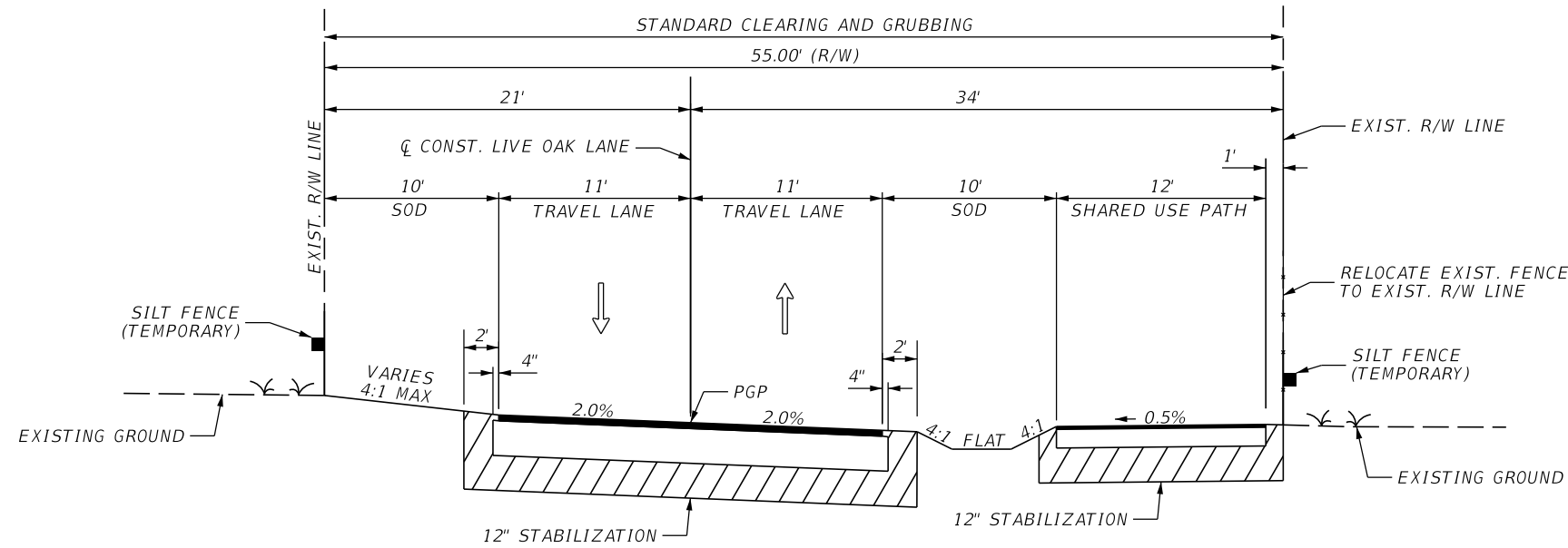


PREPARED FOR:
**CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS**

SIGNATURE SHEET

SHEET
NO.

2



TYPICAL SECTION 1
 LIVE OAK LANE
 STA. 100+07.00 TO STA. 102+10.67
 DESIGN/POSTED SPEED LIMIT = 35 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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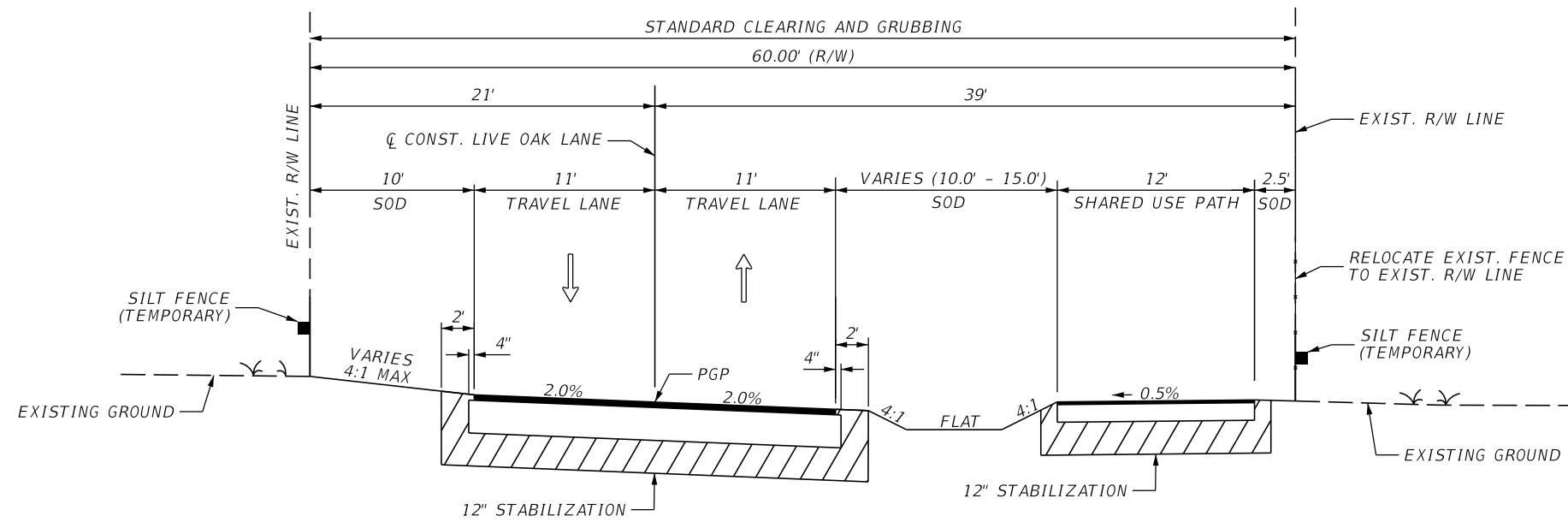


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TYPICAL SECTIONS

SHEET NO.
 3

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TYPICAL SECTION 2
 LIVE OAK LANE
 STA. 102+10.67 TO STA. 104+20.62
 DESIGN/POSTED SPEED LIMIT = 35 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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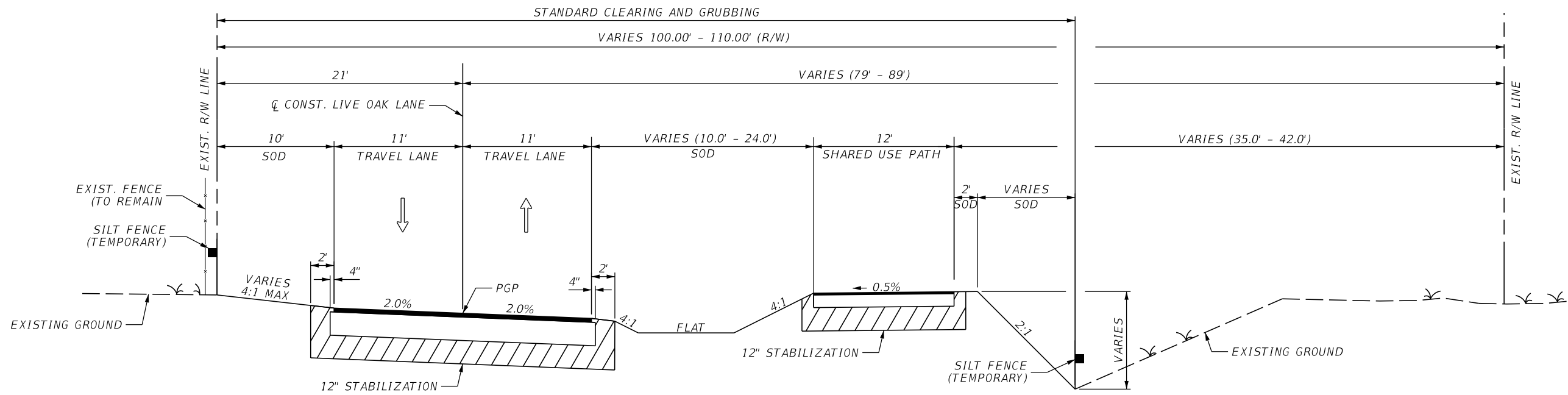


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TYPICAL SECTIONS

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TYPICAL SECTION 3
 LIVE OAK LANE
 STA. 104+20.62 TO STA. 133+41.24
 DESIGN/POSTED SPEED LIMIT = 35 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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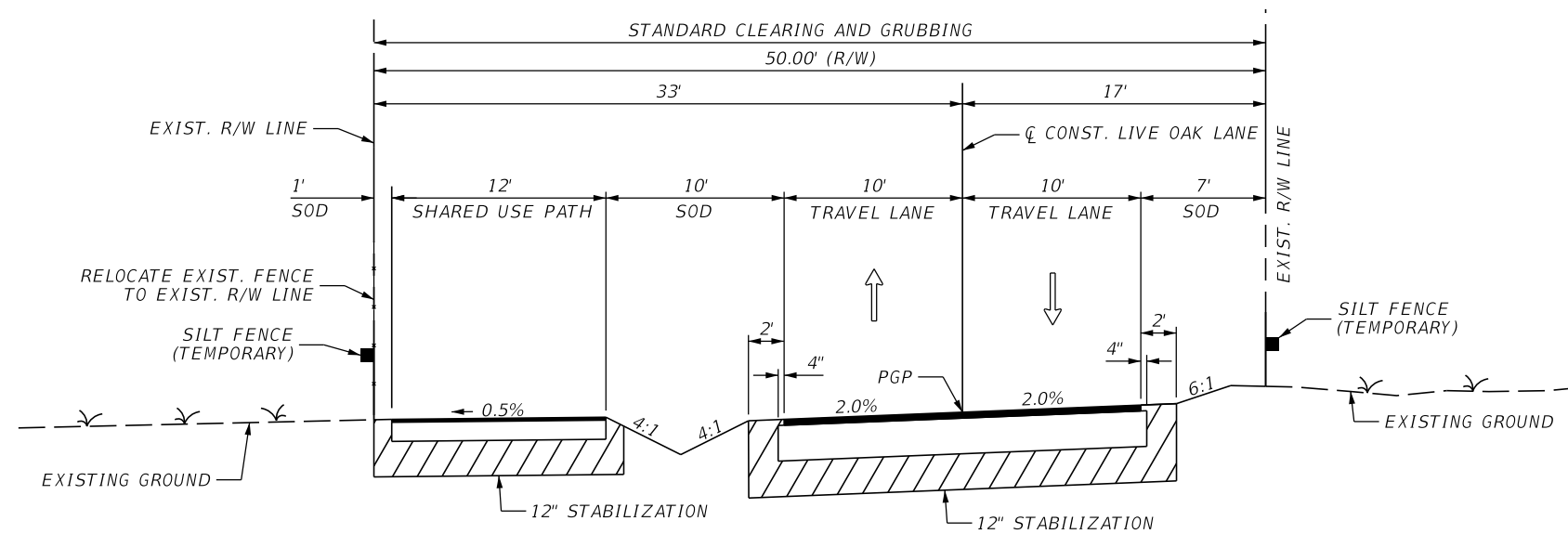


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TYPICAL SECTIONS

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 5

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TYPICAL SECTION 4
 LIVE OAK LANE
 STA. 133+41.24 TO STA. 154+14.79
 DESIGN/POSTED SPEED LIMIT = 35 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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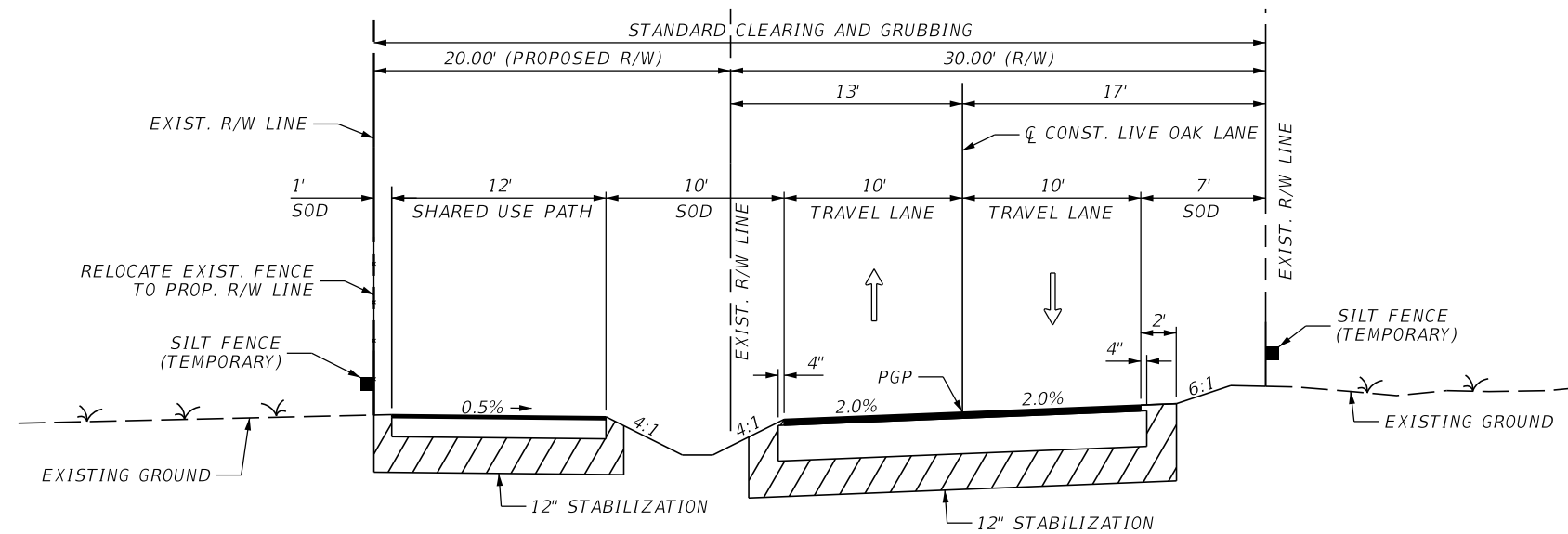


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TYPICAL SECTION 5
 LIVE OAK LANE
 STA. 154+14.79 TO STA. 166+05.90
 DESIGN/POSTED SPEED LIMIT = 25 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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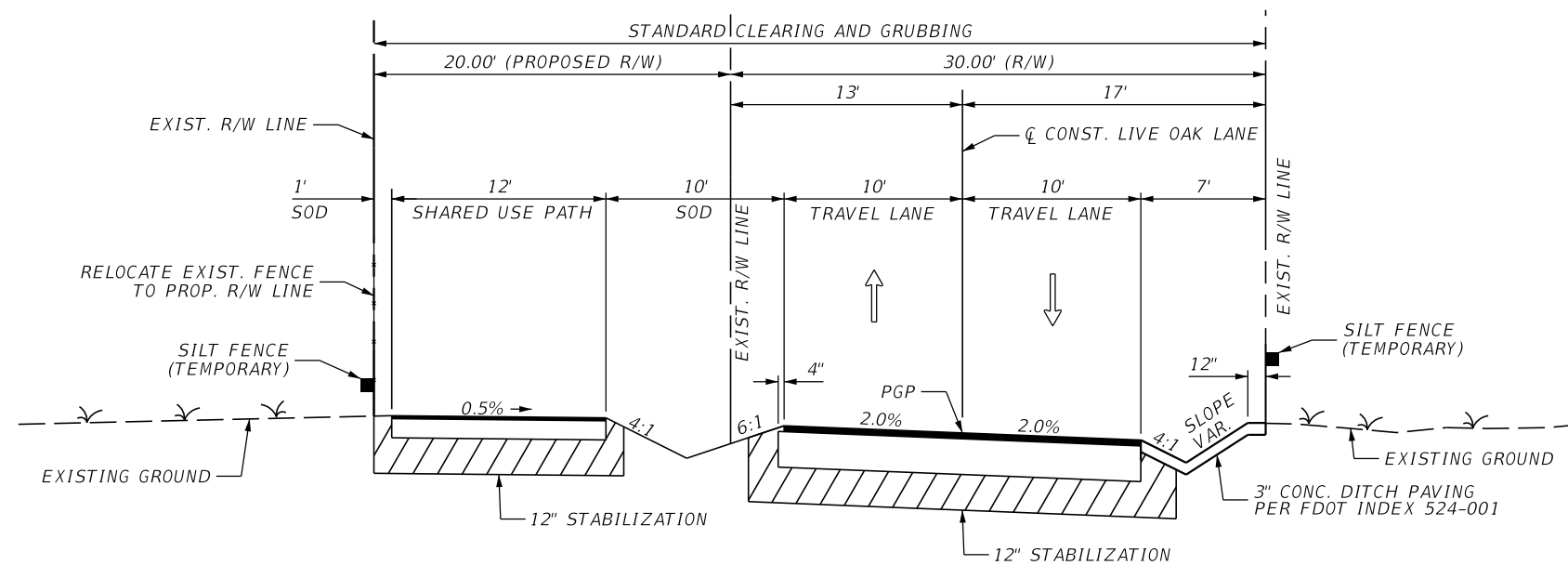


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TYPICAL SECTIONS

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TYPICAL SECTION 6
 LIVE OAK LANE
 STA. 166+05.90 TO STA. 182+72.77
 DESIGN/POSTED SPEED LIMIT = 25 MPH

SHARED USE PATH

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-12.5 (1 1/2") (TRAFFIC B)

LIVE OAK LANE

OPTIONAL BASE GROUP 4 WITH
 FRICTION COURSE FC-12.5 (2") (TRAFFIC B)

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TYPICAL SECTIONS

SHEET NO.
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1. CLAY COUNTY ENGINEERING DIVISION REQUIRES TWENTY-FOUR HOUR (24-HR) NOTICE ON ALL MEETINGS AND OR TESTING PROCEDURES.
2. CONSTRUCTION SHALL FOLLOW THE CURRENT YEAR STANDARDS SET FORTH BY THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD SPECIFICATIONS, FDOT STANDARD PLANS, THE FDOT DESIGN MANUAL (FDM) AND THE FLORIDA GREENBOOK.
3. WARNING SIGNS ARE TO BE POST MOUNTED AND ERECTED BEFORE CONSTRUCTION COMMENCEMENT.
4. ALL CONSTRUCTION PROJECTS 1 ACRE OR MORE IN SIZE SHALL BE REQUIRED TO ABIDE BY THE PROVISIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND SUBMITTING THE NPDES "NOTICE OF INTENT" (NOI) AND "NOTICE OF TERMINATION" (NOT) TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) HAVING JURISDICTION OVER THE NPDES PROGRAM. THE CONTRACTOR SHALL KEEP ONSITE COPIES OF THE SWPPP, NOI, AND WATER MANAGEMENT DISTRICT PERMITS.
5. ALL DISTURBED CLAY COUNTY RIGHTS-OF-WAY SHALL BE SODDED TO THE DISCRETION AND APPROVAL OF THE CLAY COUNTY ENGINEERING DIVISION.
6. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION AND TAKE ALL MEASURES NECESSARY TO PROTECT UTILITIES DURING CONSTRUCTION. SHOULD ANY UTILITY LINE OR COMPONENT BECOME DAMAGED OR REQUIRE RELOCATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE RESPONSIBLE UTILITY COMPANY, THE ENGINEER, AND THE COUNTY.

CALL BEFORE YOU DIG 1-800-432-4770

- CALL 800-432-4770 TWO FULL BUSINESS DAYS BEFORE DIGGING. CALL TEN DAYS BEFORE DIGGING WHEN DIGGING UNDER WATER LINES.
- CALL 904.269-6359 (CLAY COUNTY SIGNAL & MAINTENANCE DIVISION) TWO FULL BUSINESS DAYS BEFORE DIGGING.
- WAIT THE REQUIRED TIME FOR BURIED UTILITIES TO BE LOCATED AND MARKED.
- PROTECT THE MARKS DURING YOUR PROJECT. IF MARKS DESTROYED, CALL AGAIN.
- DIG SAFELY, USING EXTREME CAUTION WHEN DIGGING WITHIN 24 INCHES ON EITHER SIDE OF THE MARKS TO AVOID HITTING THE BURIED UTILITY LINES.

UTILITY CONTACTS:

COMPANY	CONTACT	TELEPHONE NUMBER
AT&T/DISTRIBUTION.....	PK PATEL.....	(904) 699-4976
COMCAST CABLE COMM.....	JAMES GRAHAM.....	(904) 509-6472
CLAY ELECTRIC AUTHORITY.....	JOEY WILKES.....	(904) 276-2888
CLAY COUNTY UTILITY AUTHORITY.....	JOE PATERNITI, PE.....	(904) 213-2412
TECO PEOPLE'S GAS.....	JERRÖD CARTER.....	(904) 443-7355

7. BEFORE WORKING IN EXISTING COUNTY RIGHTS-OF-WAY, THE CONTRACTOR SHALL BE REQUIRED TO OBTAIN A RIGHT-OF-WAY PERMIT. THE PERMIT CAN BE OBTAINED AT THE CLAY COUNTY ENGINEERING DIVISION, 477 HOUSTON STREET, 3RD FLOOR, GREEN COVE SPRINGS, FLORIDA.
8. ALL SWALE SECTIONS AND PONDS ARE TO BE SODDED WITHIN 7 DAYS OF THEIR FINAL GRADING.
9. ANY OFFSITE SWALES OR DITCHES IMPACTED BY THE DEVELOPMENT, THE CONTRACTOR SHALL RE-GRADE AND RESTORE, TO OBTAIN POSITIVE DRAINAGE.
10. A COPY OF THE CONTRACTORS' GENERAL LICENSE AND THE UNDERGROUND UTILITY LICENSE SHALL BE PROVIDED TO THE ENGINEER AT THE TIME OF THE PRECONSTRUCTION CONFERENCE.
11. APPLICABLE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT (SJRWMD) PERMIT, FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES, US ARMY CORP OF ENGINEERS, AND A FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) PERMIT SHALL BE SECURED BY THE COUNTY PRIOR TO CONSTRUCTION. NO WORK SHALL BEGIN WITHOUT ALL APPLICABLE PERMITS ON FILE.
12. WHERE DEWATERING FOR CONSTRUCTION IS REQUIRED, CONTRACTOR SHALL APPLY FOR AND OBTAIN APPLICABLE PERMITS PRIOR TO CONSTRUCTION.
13. ALL STORM PIPES SHALL BE VIDEOED PRIOR TO A FINAL INSPECTION. ALL DATA SHALL BE RECORDED IN HIGH QUALITY DVD FORMAT WITH SOUND OR ANY EQUIPMENT APPROVED BY THE ENGINEERING DIVISION. (REF. FDOT LATEST STANDARD SPECIFICATIONS).

14. A MINIMUM FIVE (5) DAYS' NOTICE SHALL BE GIVEN TO THE ENGINEER FOR SCHEDULING THE FINAL INSPECTION.
15. AT THE FINAL INSPECTION, A LETTER OF COMPLIANCE SHALL BE PROVIDED AND SIGNED BY THE STATE OF FLORIDA REGISTERED PROFESSIONAL ENGINEER OF RECORD FOR THE PROJECT. THE LETTER SHALL STATE THAT THE PROJECT HAS BEEN BUILT IN ACCORDANCE OF THE APPROVED DESIGN PLANS AND AGENCY PERMITS. IT SHALL BE PROVIDED TO THE COUNTY ENGINEER.
16. ALL SOIL AND DEBRIS TRACKED OUT OF THE PROJECT SHALL BE CLEANED IN ACCORDANCE WITH THE APPROVED SWPPP AND AT THE DISCRETION OF THE CLAY COUNTY ENGINEERING DIVISION.
17. PRIOR TO ANY INSPECTION OR TESTING ALL PIPELINE STRUCTURES, ROADWAY, ETC. SHALL BE CLEANED.

EROSION CONTROL

18. PURSUANT TO CONSERVATION ELEMENT OF THE COMPREHENSIVE PLAN, SECTION 1.9.1, ONE OR MORE EROSION CONTROL MEASURES SHALL BE USED DURING CONSTRUCTION, AS REQUESTED BY THE CLAY COUNTY ENGINEERING DIVISION. THESE MAY INCLUDE, BUT NOT LIMITED TO, ITEMS SUCH AS TEMPORARY GRASS COVER, SEDIMENT BASINS OR PONDS, MULCHING, TEMPORARY FENCES, DIVERSION CHANNELS, AND HAY BALES.
19. PURSUANT TO COMPREHENSIVE PLAN POLICY 1.9.1 OF THE CONSERVATION ELEMENT, SCHEDULING OF THE CONSTRUCTION SHALL BE GIVEN SPECIAL CONSIDERATION TO MINIMIZE EXPOSURE OF BARE SOIL. THE CONTRACTOR SHALL FORMULATE A CONSTRUCTION SCHEDULE TO BE GIVEN TO THE COUNTY REPRESENTATIVE.
20. THE GOVERNING PUBLICATIONS FOR EROSION CONTROL ARE CURRENT FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, CURRENT FDOT STANDARD SPECIFICATION FOR ROADWAY & BRIDGE CONSTRUCTION, AND THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) STORMWATER AND EROSION CONTROL MANUAL LATEST EDITION.
21. THE CONTACTOR SHALL CHECK EACH DAY TO ENSURE THAT ALL EROSION CONTROL DEVICES ARE IN PLACE AND WORKING PROPERLY.
22. ALL EROSION CONTROL MEASURES SHALL BE IN COMPLIANCE WITH THE RULES, REGULATIONS AND STANDARDS OF THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND THE UNITED STATES ARMY CORPS OF ENGINEERS AND THE CLAY COUNTY REGULATIONS AND ORDINANCES.
23. THE CONTRACTOR SHALL TAKE WHATEVER MEANS NECESSARY TO PREVENT THE EROSION OF SOIL AND DEPOSITION OF THE SEDIMENT ON ADJACENT AND DOWNSTREAM PROPERTIES.
24. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF CONSTRUCTION. SEDIMENT CONTROL CONSISTS OF SILT FENCING, HAY BALES, AND FLOATING TURBIDITY BARRIERS. EROSION CONTROL CONSISTS OF SEEDING AND MULCHING, SODDING, MATTING, PLACEMENT OF COARSE AGGREGATE, AND TEMPORARY PAVING.
25. THE CONTRACTOR SHALL RESPOND TO EROSION AND SEDIMENT CONTROL MAINTENANCE WITHIN 24-HOURS OF BEING INFORMED BY CLAY COUNTY, UNLESS THE SITUATION REQUIRES AN IMMEDIATE RESPONSE. THE CONTRACTOR WILL THEN RESPOND IMMEDIATELY AFTER NOTIFICATION BY THE COUNTY. THE CONTRACTOR'S EROSION CONTROL INSPECTOR SHALL BE A QUALIFIED STORMWATER MANAGEMENT INSPECTOR BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION.
26. THE CONTRACTOR SHALL BE REQUIRED TO INCORPORATE PERMANENT EROSION CONTROL MEASURES AT THE EARLIEST PRACTICAL TIME SO AS TO MINIMIZE THE NEED FOR TEMPORARY CONTROLS.
27. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDITIONAL EROSION CONTROLS MEASURES AS DETERMINED BY THE COUNTY OR THE CONTRACTOR TO ENSURE QUALITY CONTROL.
28. ALL DISTURBED AREAS SHALL BE GRASSED WITHIN 7 DAYS OF THE INITIAL DISTURBANCE. TYPES OF GRASSING SHALL BE AS FOLLOWS: SODDING IS REQUIRED FOR AROUND ALL DRAINAGE STRUCTURES, RETENTION/DETENTION AREAS, SWALES, DITCHES, AND WHERE 4:1 SLOPE ARE EXCEEDED. SEED AND MULCH MAY BE USED AT ALL OTHER LOCATIONS UNLESS SPECIFICALLY CALLED OUT FOR ON THESE DRAWINGS. THERE SHALL BE A STANDING ROW OF GRASS AT THE TIME OF FINAL ACCEPTANCE. IF SEED AND MULCH HAS BEEN USED AND HAS NOT TAKEN, SOD WILL BE REQUIRED OR ESTABLISHED GRASS.
29. THE CONTRACTOR SHALL INSPECT AND REPORT ON THE CONDITION OF EROSION AND SEDIMENT CONTROL METHODS EVERY WEEK AND AFTER ½ INCH OF RAIN DURING CONSTRUCTION. THE CONTRACTOR SHALL REMOVE ANY SEDIMENT BUILD UP AND REPAIR OR REINSTALL ANY DAMAGED CONTROL MEASURES.

30. THE COUNTY REQUIRES BACKGROUND TESTING OF LOCAL WATERWAYS PRIOR TO BEGIN OF CONSTRUCTION AND ADDITIONAL PERIODIC TESTING DURING CONSTRUCTION FOR WATER QUALITY AND CONFORMITY WITH CLAY COUNTY STANDARDS.

PUBLIC SAFETY

31. IN FRONT OF EACH FIRE HYDRANT, A BLUE, ALL DIRECTIONAL HIGHWAY-STYLE REFLECTIVE MARKER (RPM) SHALL BE PROVIDED ON ALL ROADWAYS, ALLEYS, ACCESS ROADS, AND ALL PAVED AREAS. RPM'S SHALL BE LOCATED IN THE CENTER OF TRAVEL LANE ON THE SAME SIDE AS THE HYDRANT. THESE MARKERS SHALL BE IN PLACE BY THE TIME OF THE FINAL INSPECTION OR APPROVAL.
32. A CD SHALL BE PROVIDED TO THE PUBLIC SAFETY DEPARTMENT, IN AUTOCAD FORMAT, SHOWING THE LOCATION OF ALL FIRE HYDRANTS BEFORE FINAL APPROVAL.

MAILBOX REMOVAL AND INSTALLATION

38. MAILBOX REMOVAL AND INSTALLATION SHALL BE PAID FOR UNDER SITE PREPARATION, LUMP SUM. PAYMENT SHALL BE FULL COMPENSATION FOR BOXES, POSTS AND ACCESSORY ITEMS ESSENTIAL FOR INSTALLATION IN ACCORDANCE WITH USPS AND FDOT STANDARDS; ERECTION; ADJUSTMENTS TO SUIT CONSTRUCTION NEEDS; AND, OR IDENTIFICATION LETTERS AND NUMBERS.
39. MAILBOXES MUST REMAIN IN USE FOR THE DURATION OF THE PROJECT.
40. THE EXISTING BRICK MAILBOX AT STA. 158+72.00 IS TO REMAIN IN PLACE AND BE PROTECTED DURING CONSTRUCTION. ALL OTHER EXISTING MAILBOXES TO EITHER BE "REMOVED AND RESET" OR "RELOCATED" AS STATED IN THE PLANS.
41. IF AN EXISTING MAILBOX CANNOT BE RESET OR RELOCATED DUE TO POOR CONDITION, A NEW MAILBOX MUST BE FURNISHED AND INSTALLED PER COUNTY'S REQUIREMENTS.

FENCE INSTALLATION & RELOCATION

42. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS ON CONTAINMENT OF LIVE STOCK AND OTHER ANIMALS WHEN RELOCATING OR CONSTRUCTING NEW FENCES. TEMPORARY FENCING MAY BE NECESSARY TO ACHIEVE CONTAINMENT.

DRIVEWAY CONSTRUCTION

43. CONTRACTOR MAY ADJUST THE LOCATION OF PROPOSED DRIVEWAYS AT THE REQUEST OF THE PROPERTY OWNER.

DRAINAGE

44. ALL EXISTING DRAINAGE STRUCTURES SHALL BE REMOVED UNLESS OTHERWISE NOTED.
45. DATUM IS NAVD88
46. ANY EXISTING SIDEWALK THAT IS REMOVED OR DAMAGED DUE TO DRAINAGE INSTALLATION SHALL BE REPLACED OR REPAIRED. THE COST OR REPAIRING OR REPACING SUCH SIDEWALK SHALL BE INCLUDED IN THE COST OF THE DRAINAGE INSTALLATION.

GEOTECHNICAL AND EARTHWORK

47. OVER-EXCAVATION SHALL BE PERFORMED AS NECESSARY TO REMOVE ANY A-8, PLASTIC MATERIALS, AND OTHER UNSUITABLE MATERIALS AS DIRECTED BY THE ENGINEER. BACKFILL WITH A-3 (AASHTO M-145) SAND. THE SOIL BELOW DRAINAGE STRUCTURES FOUNDATIONS SHALL BE COMPACTED IN ACCORDANCE WITH SPECIFICATIONS TO ACHIEVE COMPACTION REQUIREMENTS. EXISTING SOILS NOT ALREADY OVER-EXCAVATED AND NOT MEETING COMPACTION REQUIREMENTS SHALL BE EXCAVATED 12 INCHES BELOW THE DRAINAGE STRUCTURE FOUNDATIONS AND BACKFILLED WITH A-3 SAND WHICH HAS A MOISTURE CONTENT AT OR BELOW OPTIMUM.
48. ANY EXCESS MATERIAL OR MATERIAL NOT SUITABLE FOR USE AS BACKFILL SHALL BE REMOVED FROM THE SITE AT THE CONTRACTOR'S EXPENSE.

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REVISIONS				ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION		
				ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258	



PREPARED FOR:
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

GENERAL NOTES (1)

SHEET NO.
 9

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AS-BUILT REQUIREMENTS PAVING AND DRAINAGE

GENERAL

1. SUBMIT TWO (2) SIGNED AND SEALED SETS OF PRINTS AND ONE DIGITAL COPY (AUTOCAD FORMAT; PLEASE DO NOT USE REFERENCE FILES) WITH THE DESIGN INFORMATION (ELEVATIONS, PIPE LENGTHS, STATIONING, ETC.) LINED THROUGH (28.48) AND THE AS-BUILT INFORMATION PLACED ADJACENT TO IT.

NOTE: A LICENSED SURVEYOR SHALL USE THE ORIGINAL PAVING AND DRAINAGE SHEET(S) SPECIFICALLY FOR AS-BUILT INFORMATION. THE DRAWING(S) ARE TO BE ON 11" x 17" or 24" x 36" SHEET(S) AND CONTAIN THE FOLLOWING IN ADDITION TO THE AS-BUILT INFORMATION:

- PROJECT AS IT APPEARS ON PLAT
- PROJECT/DEVELOPMENT NUMBER
- STREET NAMES
 - o ALL COMMERCIAL SITES SHALL SHOW THE SITE PHYSICAL ADDRESS IN THE TITLE BLOCK
 - o DESIGN INFORMATION FOR ALL AS-BUILT INFORMATION PROVIDED LINED THROUGH
- NORTH ARROW
- SCALE
- SHOW AND LABEL ALL SURVEY-LINES USED FOR LOCATIONS

2. THE WORDS 'AS-BUILT' IN AT LEAST ONE-INCH HIGH LETTERS
3. MATERIAL CERTIFICATION STATEMENT SIGNED BY THE CONTRACTOR
4. SIGNED ENGINEER'S CERTIFICATION STATEMENT
5. INFORMATION PERTAINING TO BENCHMARK(S) (LOCATION, ELEVATION, AND REFERENCE TYPE)
6. SHOW STATE PLANE COORDINATE (NAD. 83) REFERENCES ON AT LEAST FOUR (4) BOUNDARY CORNERS AND ON ALL PRM(S) (ONE POSITION, TO BE KNOWN AS THE "NORTHING; SHALL GIVE THE POSITION IN A NORTH AND SOUTH DIRECTION; THE OTHER TO BE KNOWN AS THE 'EASTING' SHALL GIVE THE POSITION IN AN EAST AND WEST DIRECTION, REF. F.S. CH. 177.151) FOR PLATS AND AS-BUILTS.

BENCHMARKS

PERMANENT BENCHMARKS, ESTABLISHED IN NAVD88, ARE TO BE SITUATED AS TO FACILITATE LOW GRADING (I.E. TOP OF METAL CURB HOODS, MANHOLE RIMS, ETC.) AT LEAST TWO (2) PERMANENT BENCHMARKS SHALL BE ESTABLISHED WITHIN A SUBDIVISION OR IN EACH PHASE OF A SUBDIVISION AND LOCATED SO THAT NO LOR IS MORE THAN ONE THOUSAND FEET (1,000') FROM A BENCHMARK. EACH BENCHMARK TO BE REFERENCED BY STATION.

PAVING

- STATIONS, OFFSETS, AND ELEVATIONS ON:
- CENTERLINE OR PROFILE GRADE LINE
 - TOP OF CURB
 - GUTTER OR EDGE OF PAVEMENT (SPECIFY WHICH)
 - BACK OF SIDEWALKS

A MINIMUM OF EVERY 100 FEET AND AT THE FOLLOWING CHANGES IN VERTICAL AND HORIZONTAL ALIGNMENT:

- PVC, PC AND PVT
- LOW AND HIGH POINTS
- CURB RETURNS
- CENTERLINE INTERSECTIONS
- BEGIN AND END VALLEY GUTTER
- BEGIN AND END SUPERELEVATION TRANSITION
- BEGIN AND END FULL SUPERELEVATION
- BEGIN AND END ROADWAY TRANSITION
- GUTTER LINE (CUL-DE-SAC EVERY 25')

TRAFFIC CONTROL PLAN

1. WORK ZONE TRAFFIC CONTROL SHALL ADHERE TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE FDOT STANDARD PLANS.
2. THE POSTED SPEED LIMIT SHALL BE 35 MPH SOUTH OF PHILLIP SMITH ROAD AND 25 MPH NORTH OF PHILLIP SMITH ROAD.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AVOID UTILITIES. ANY DAMAGE DUE TO THE CONTRACTOR'S FAILURE TO DO SO SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
4. CONSTRUCTION ACTIVITIES IN FRONT OF DRIVEWAYS AND SIDE ROADS SHALL BE COORDINATED WITH THE COUNTY, STATE FOREST, AND RESIDENTS SO THAT ACCESS MAY BE MAINTAINED. MAIL DELIVERY AND GARBAGE COLLECTION SHALL NOT BE IMPEDED.
5. ROAD PAVING SHALL BE COMPLETED UNDER FLAGGING OPERATIONS PER STANDARD PLAN 102-603. OMIT THE TEMPORARY RUMBLE STRIPS. TRAIL CONSTRUCTION SHALL BE COMPLETED AS ROAD WORK ON SHOULDER PER STANDARD PLAN 102-602.

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REVISIONS		ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION
			ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258



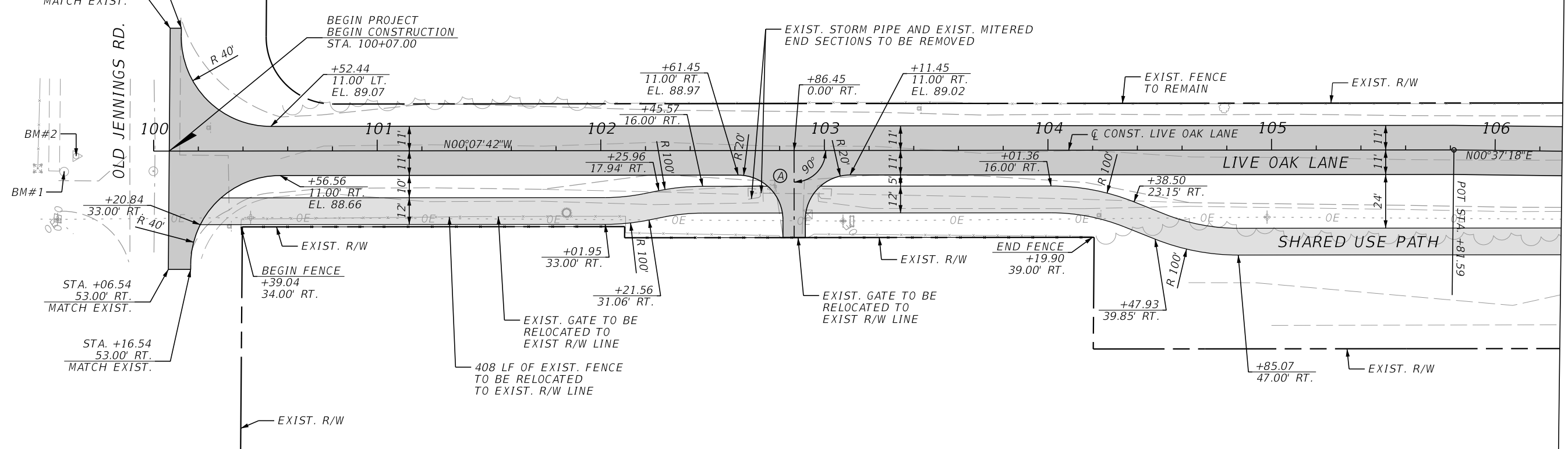
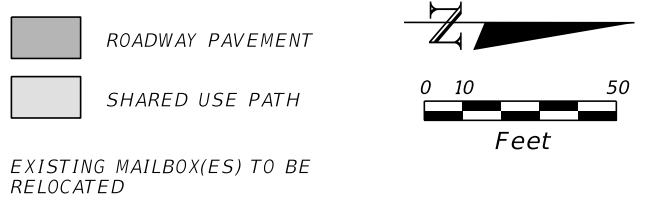
PREPARED FOR:
**CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS**

GENERAL NOTES (2)

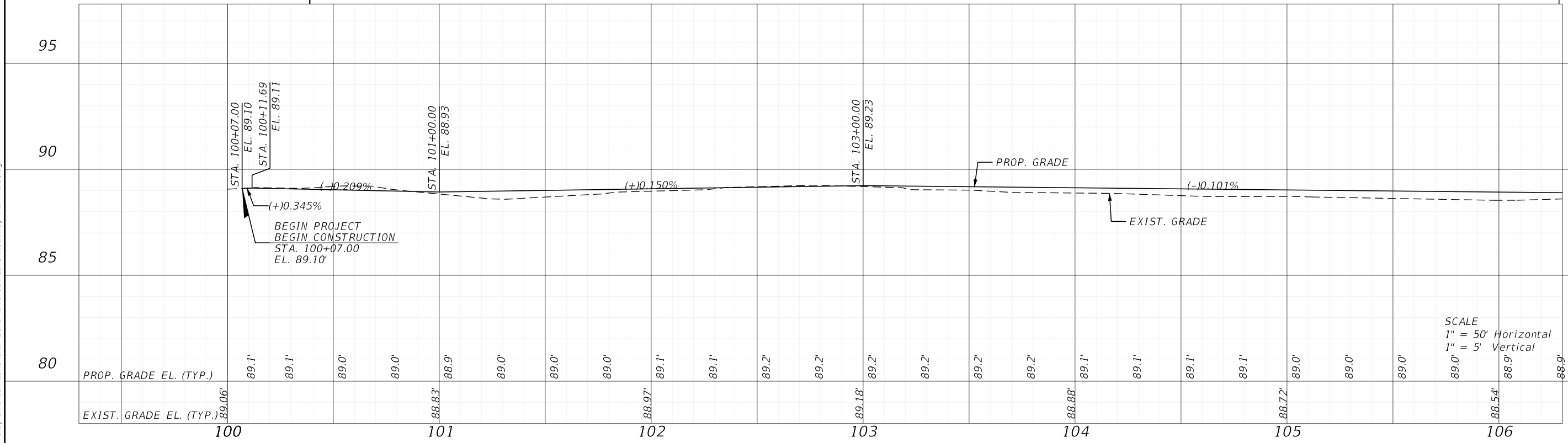
SHEET NO.
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 E: 377393.924
 BM#2
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MATCHLINE STA. 106+30.00
 110'



SCALE
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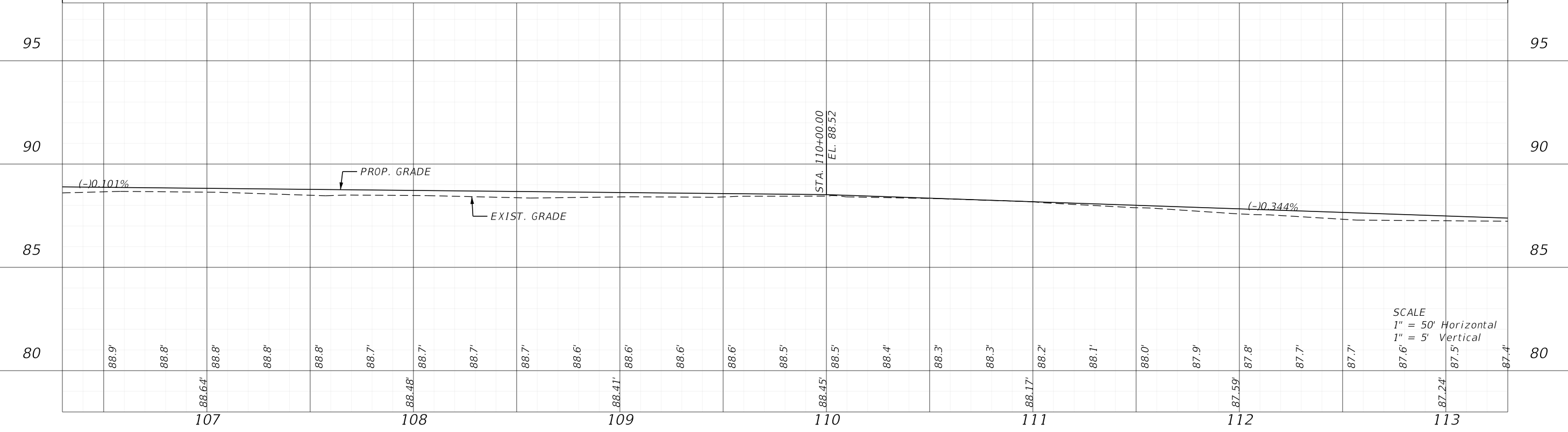
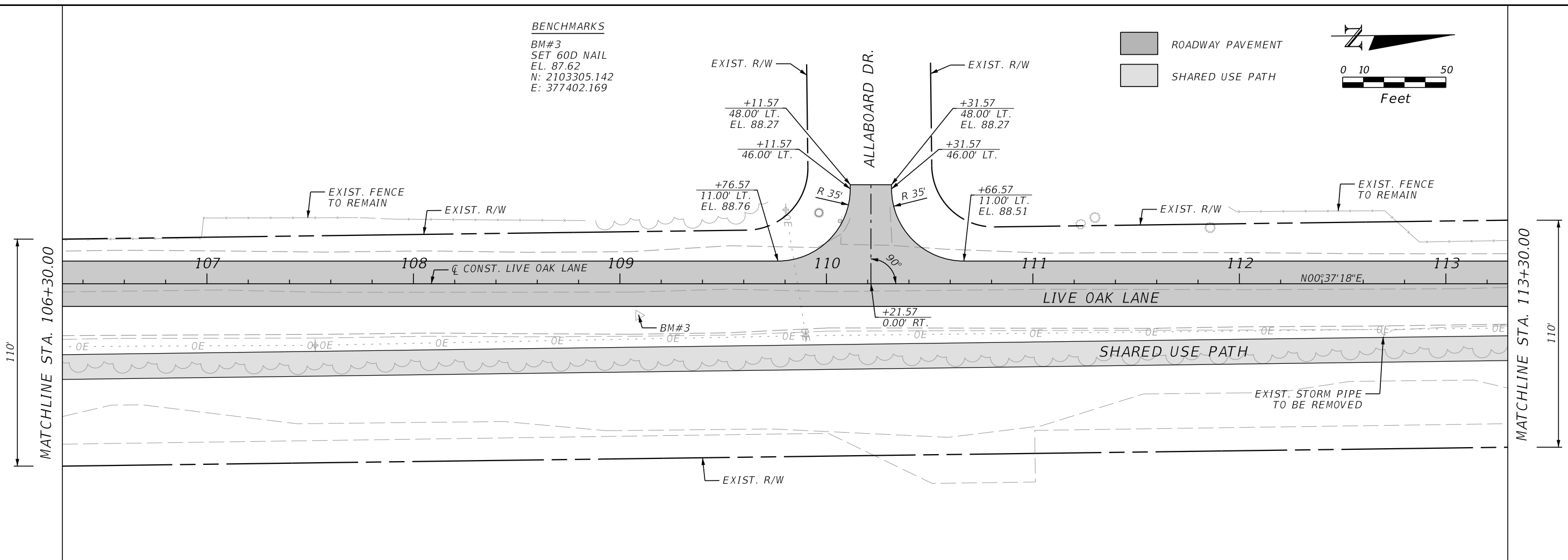
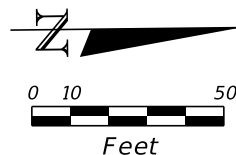
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258			
						CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS	11
<p style="text-align: center;">PLAN AND PROFILE</p>							

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BENCHMARKS
 BM#3
 SET 60D NAIL
 EL. 87.62
 N: 2103305.142
 E: 377402.169

ROADWAY PAVEMENT
 SHARED USE PATH



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



PREPARED FOR:
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

PLAN AND PROFILE

SHEET NO.
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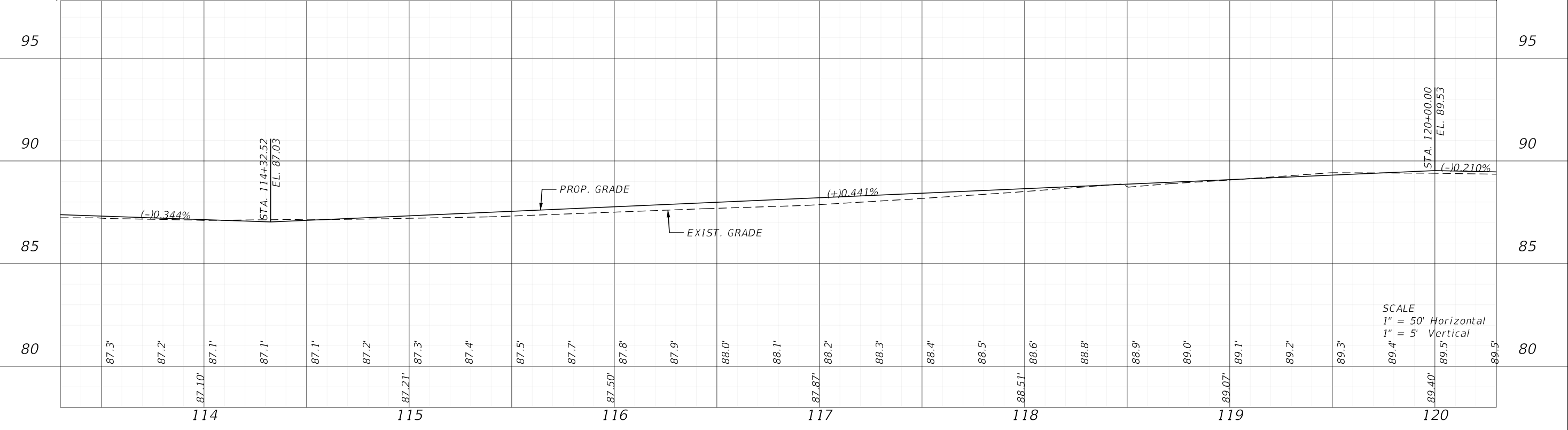
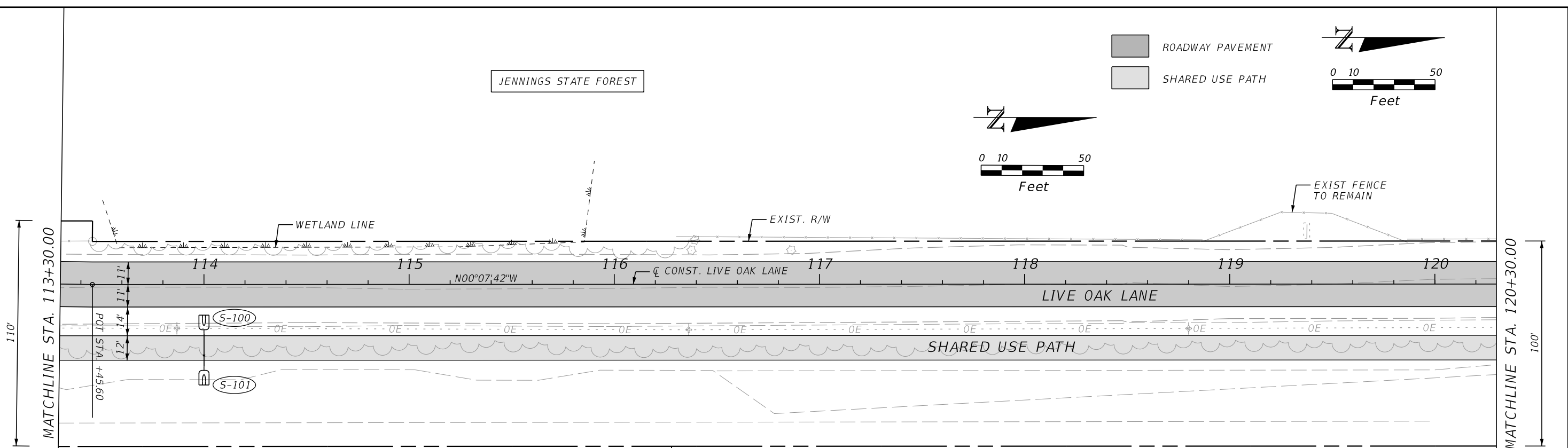
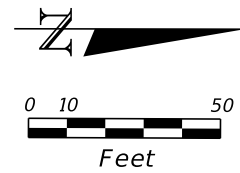
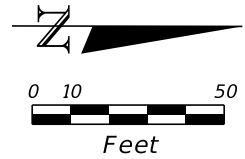
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JENNINGS STATE FOREST

ROADWAY PAVEMENT
 SHARED USE PATH



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



PREPARED FOR:
 CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

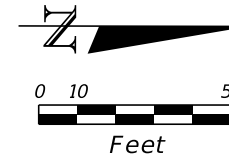
PLAN AND PROFILE
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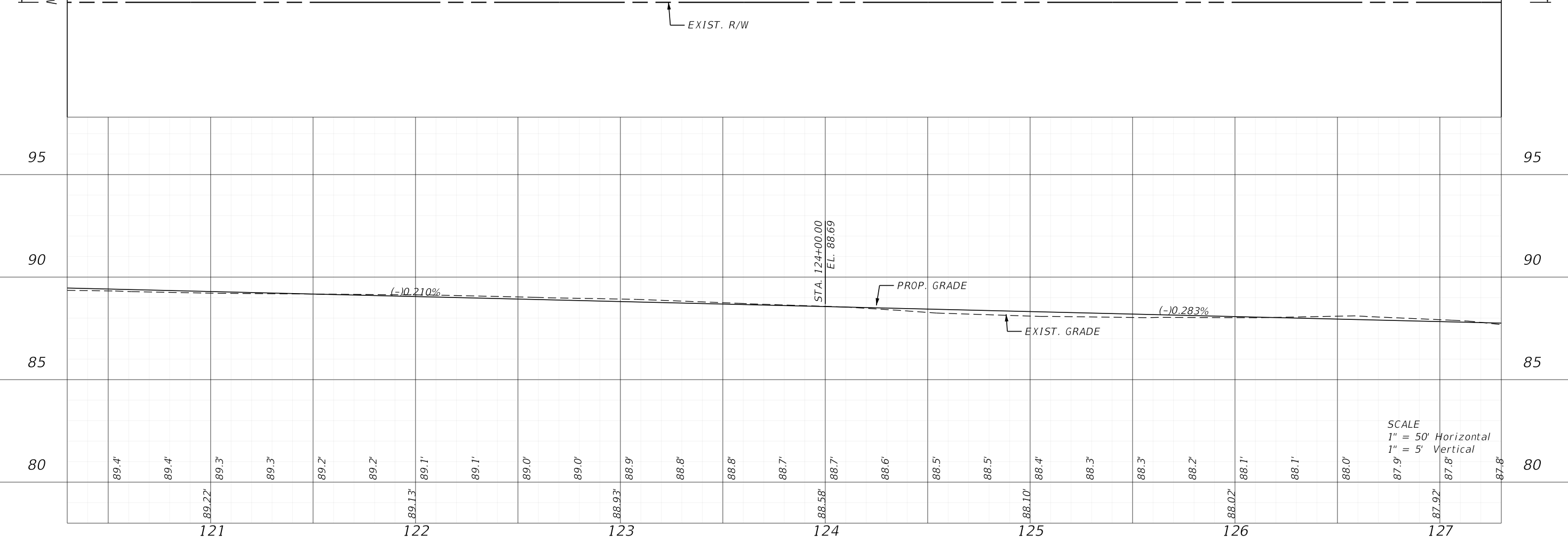
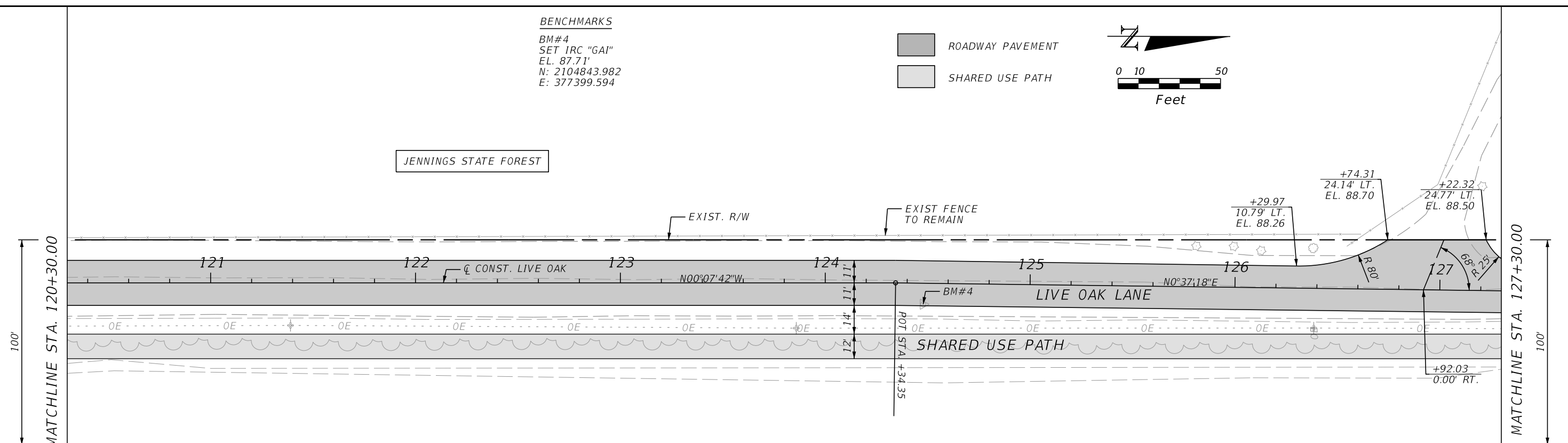
BENCHMARKS

BM#4
 SET IRC "GAI"
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ROADWAY PAVEMENT
 SHARED USE PATH



JENNINGS STATE FOREST



SCALE
 1" = 50' Horizontal
 1" = 5' Vertical

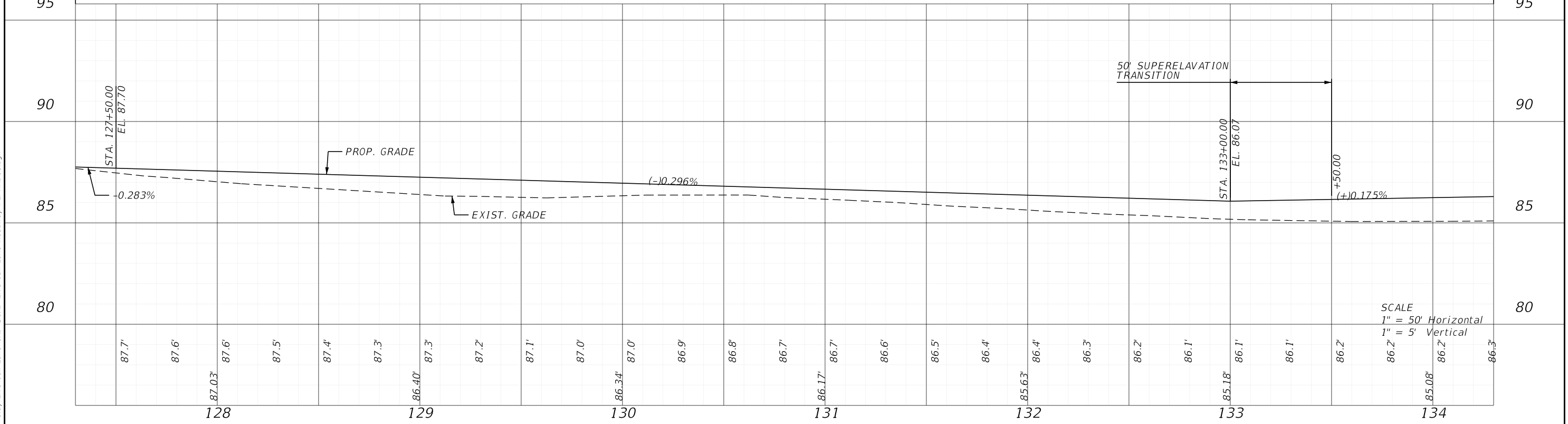
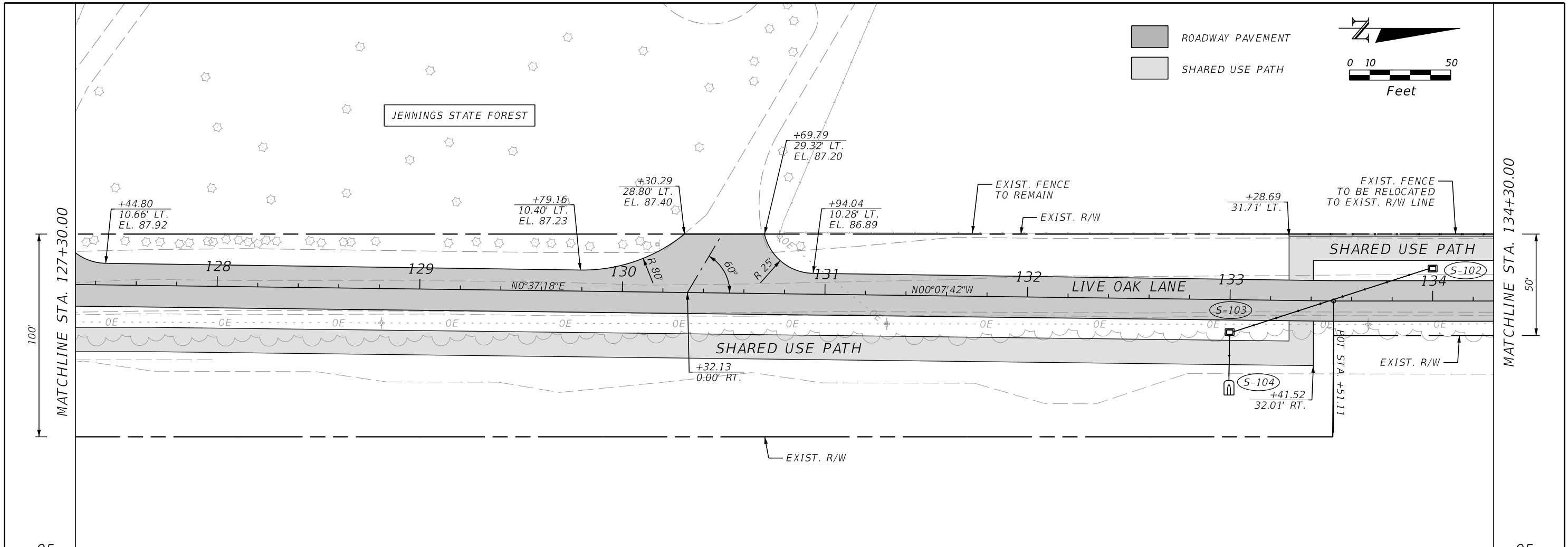
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REVISIONS				ENGINEER OF RECORD		PREPARED FOR:	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258			
						CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS	14

PLAN AND PROFILE

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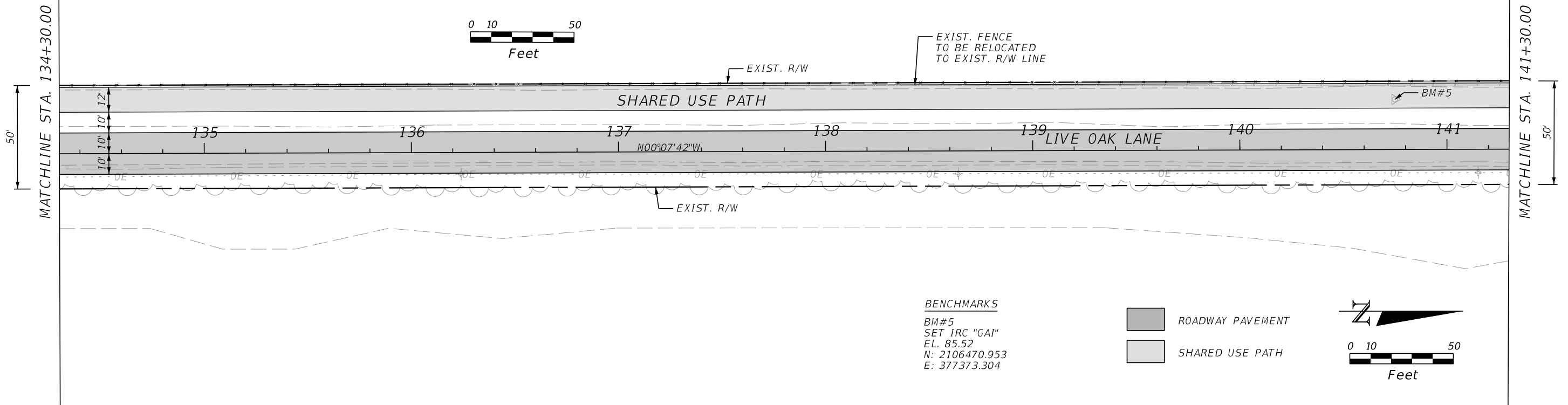
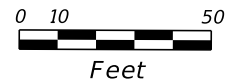
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REVISIONS		ENGINEER OF RECORD		 PREPARED FOR: CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS	PLAN AND PROFILE	SHEET NO. 15
DATE	DESCRIPTION	DATE	DESCRIPTION			
				ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		

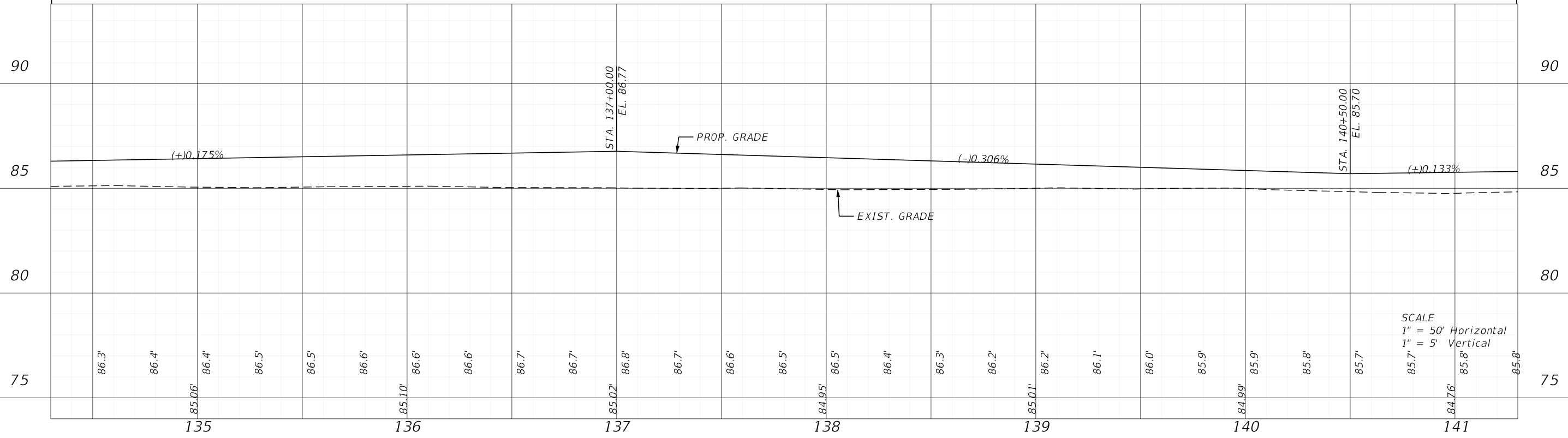
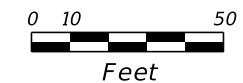
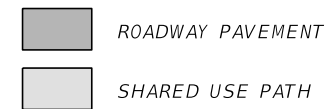
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JENNINGS STATE FOREST



BENCHMARKS

BM#5
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SCALE
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 1" = 5' Vertical

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REVISIONS		ENGINEER OF RECORD	
DATE	DESCRIPTION	DATE	DESCRIPTION

ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



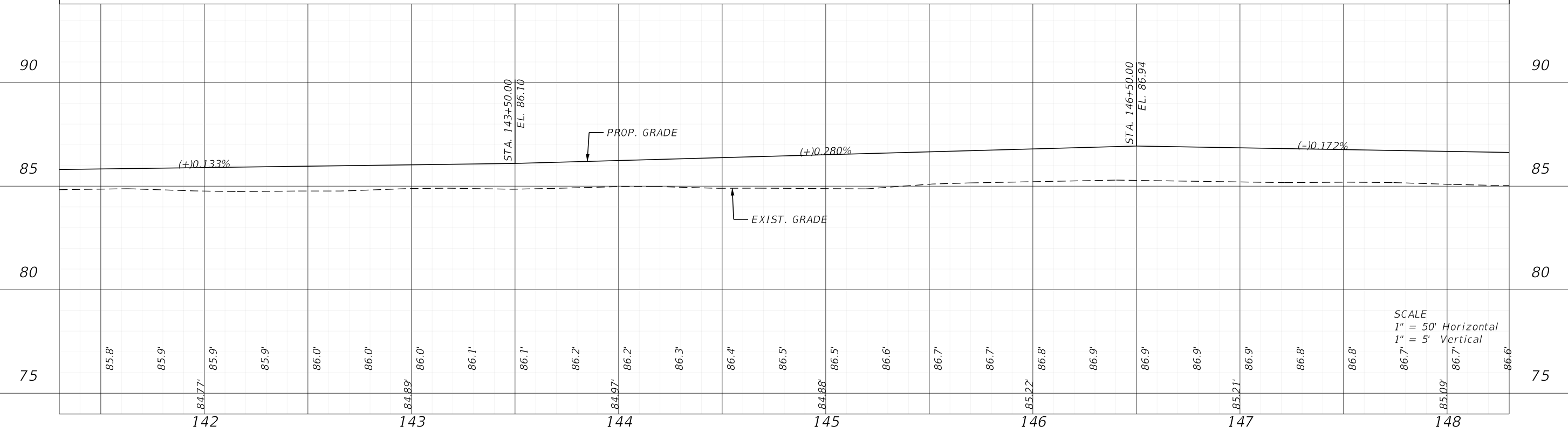
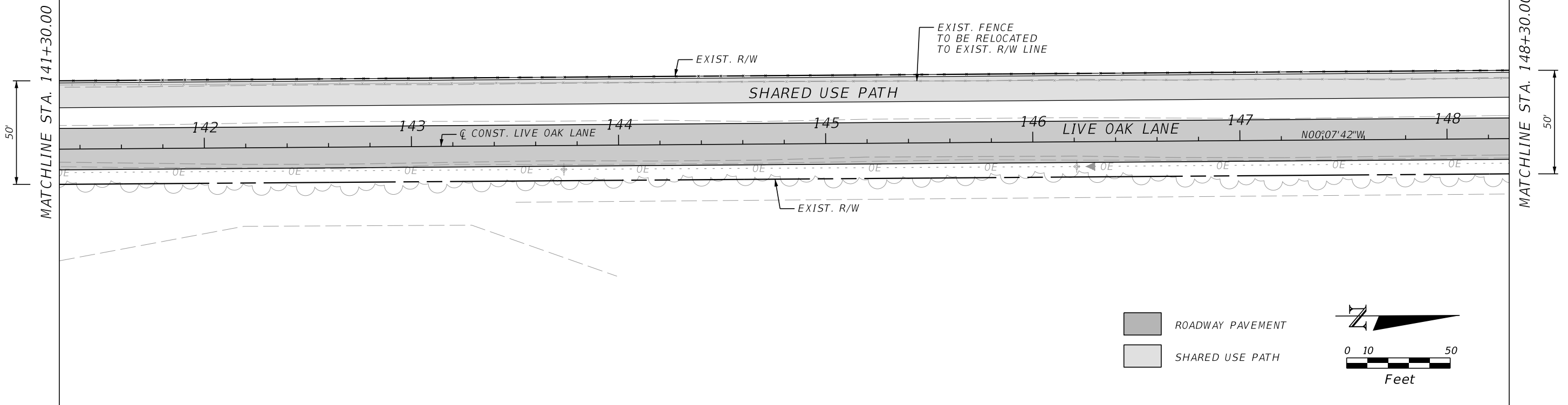
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 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

PLAN AND PROFILE

SHEET NO.
 16

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



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 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

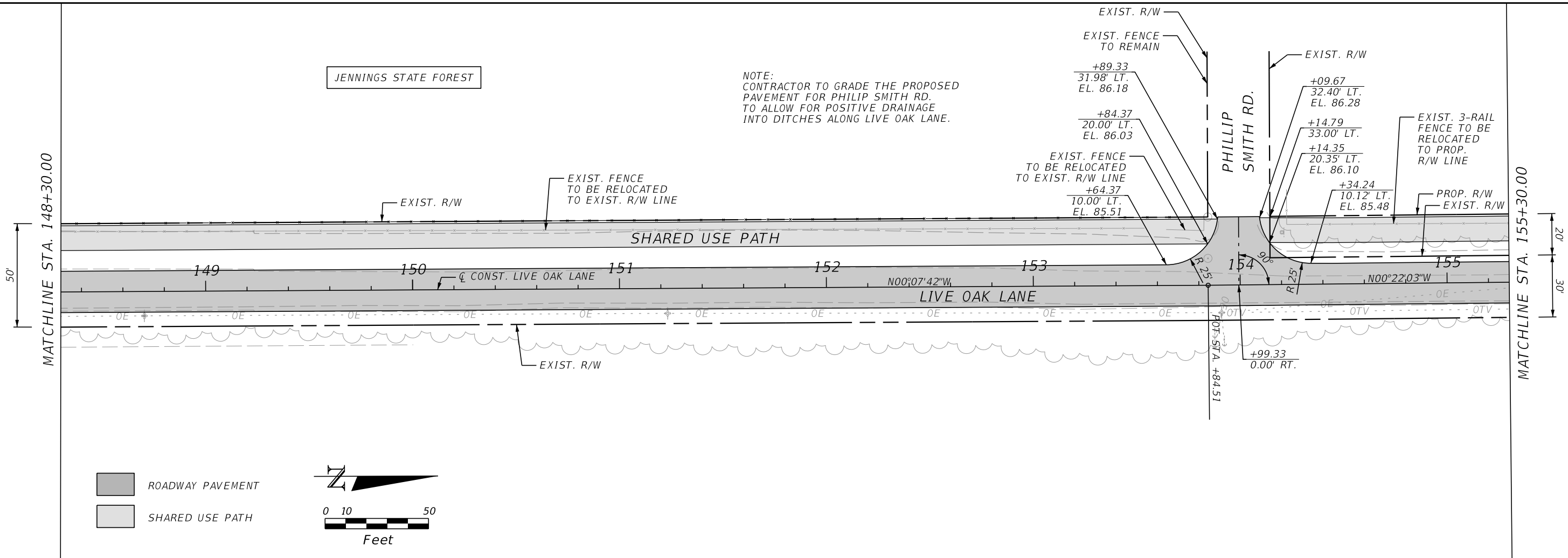
PLAN AND PROFILE

SHEET NO.
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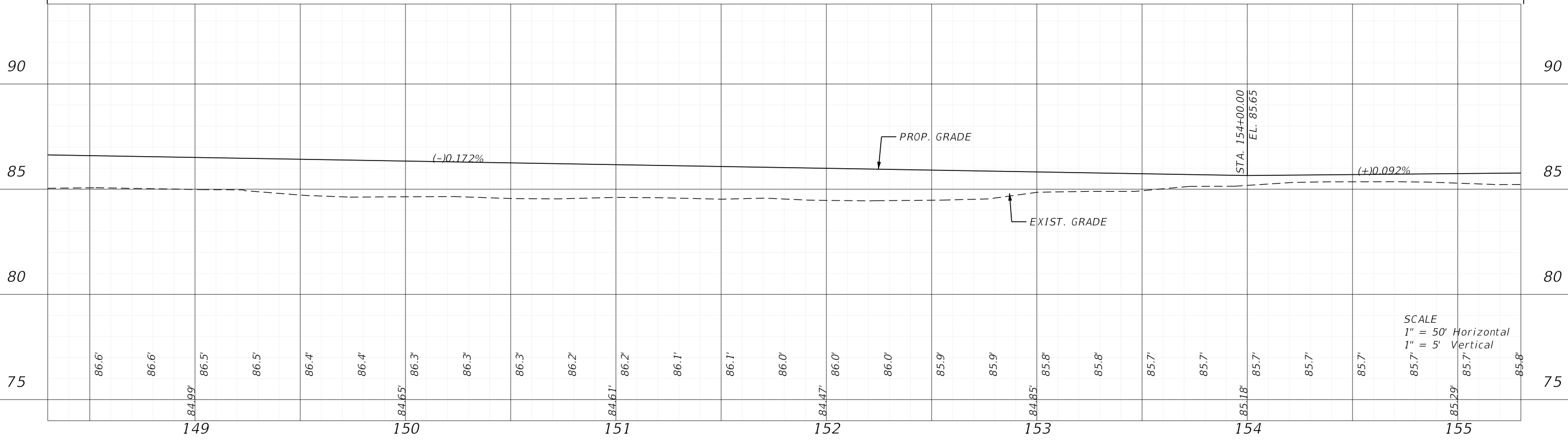
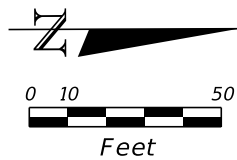
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JENNINGS STATE FOREST

NOTE:
CONTRACTOR TO GRADE THE PROPOSED
PAVEMENT FOR PHILIP SMITH RD.
TO ALLOW FOR POSITIVE DRAINAGE
INTO DITCHES ALONG LIVE OAK LANE.



ROADWAY PAVEMENT
SHARED USE PATH



SCALE
1" = 50' Horizontal
1" = 5' Vertical

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
ROBERT B. JAMIESON
LICENSE NUMBER: 63980
GAI CONSULTANTS, INC.
12574 FLAGLER CENTER BLVD-SUITE 202
JACKSONVILLE, FL 32258

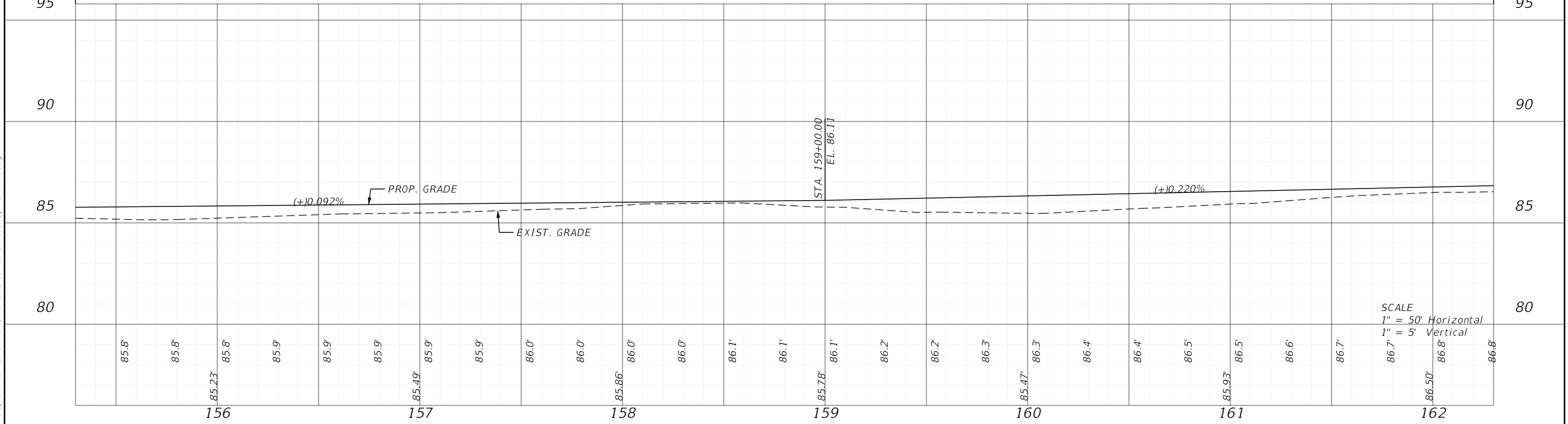
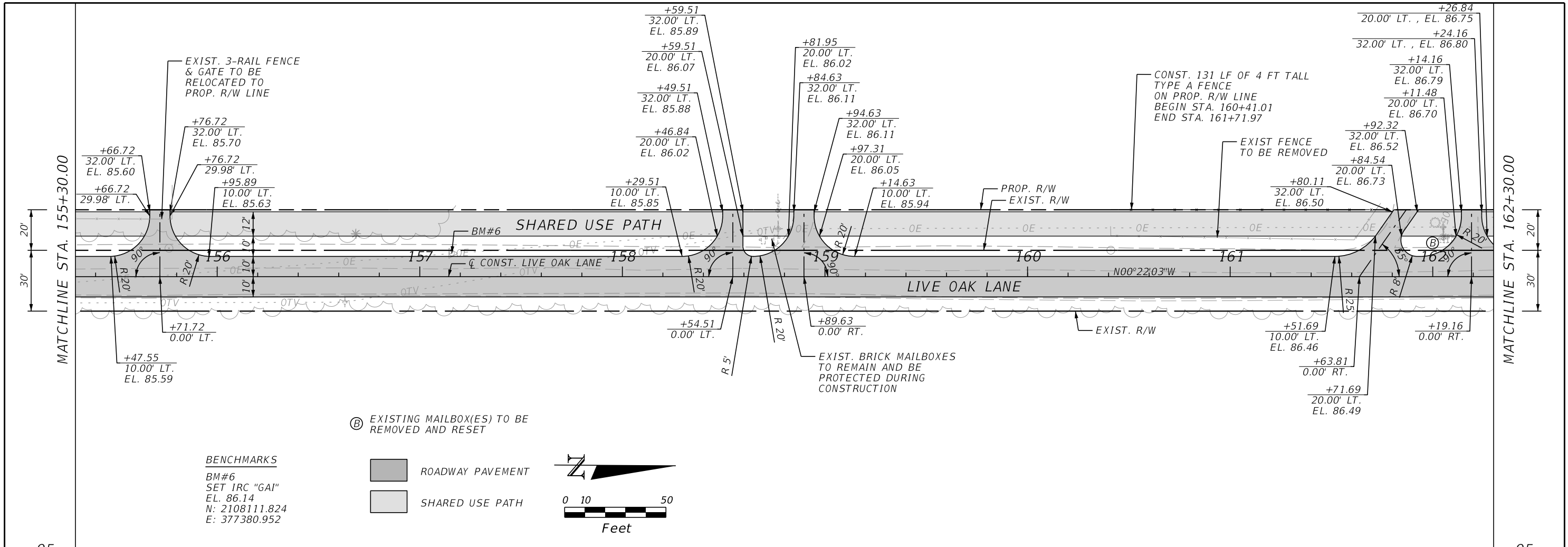


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CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS

PLAN AND PROFILE
SHEET NO. 18

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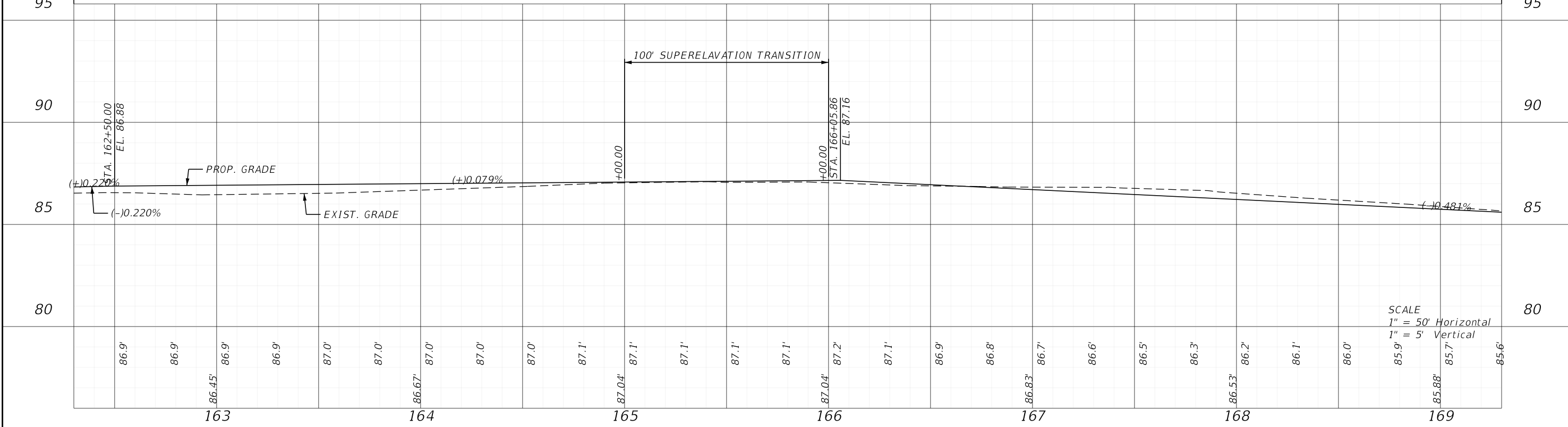
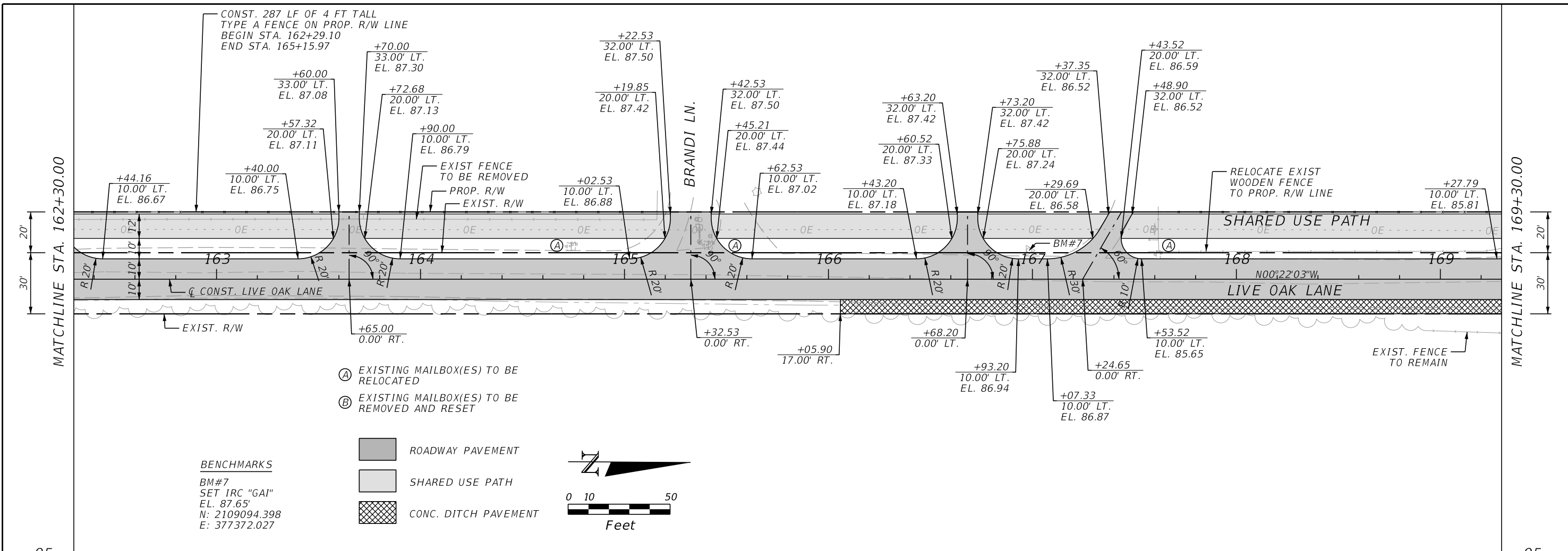
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS		
						PLAN AND PROFILE		19

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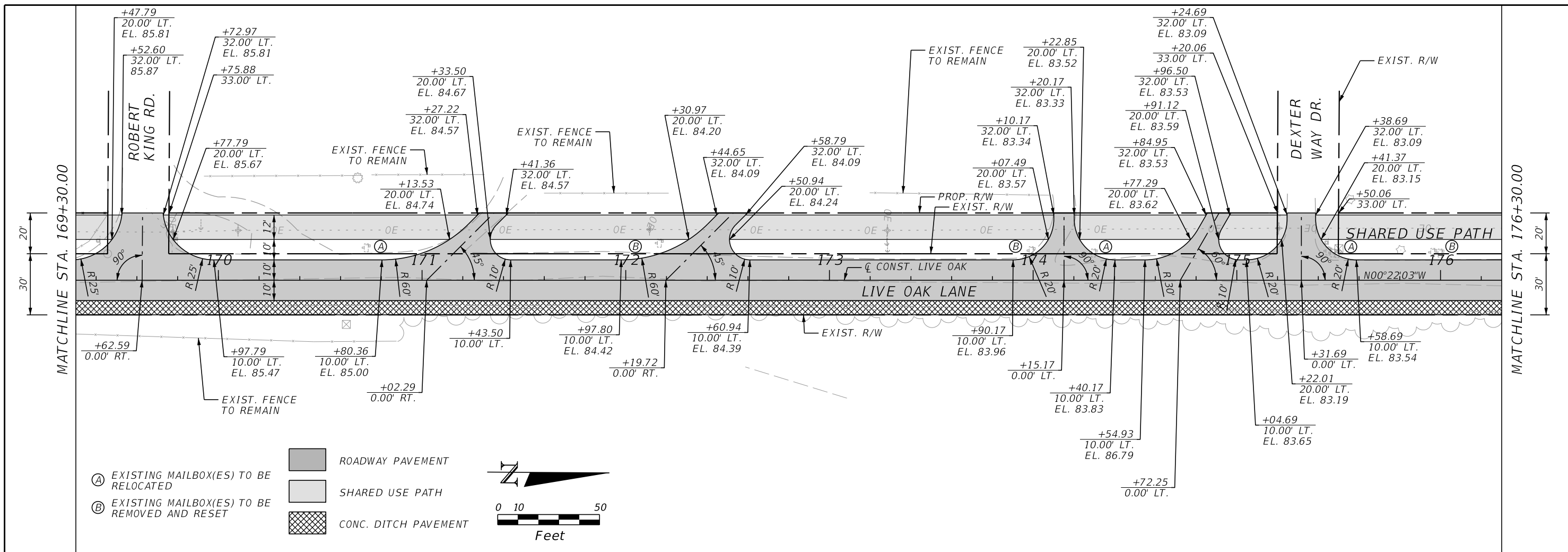
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						PLAN AND PROFILE		20

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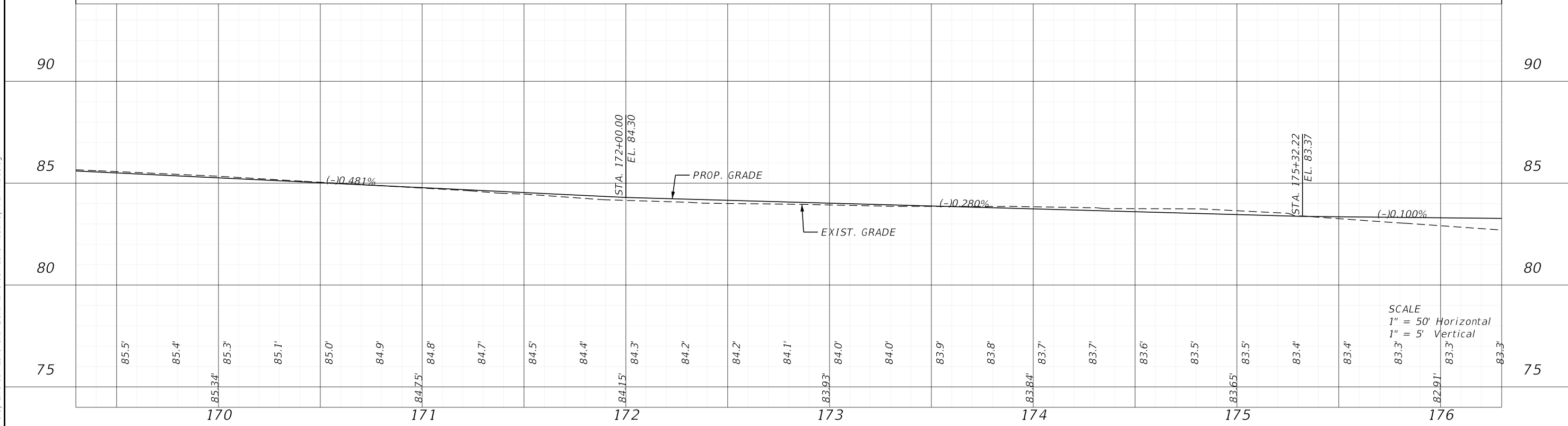


(A) EXISTING MAILBOX(ES) TO BE RELOCATED
 (B) EXISTING MAILBOX(ES) TO BE REMOVED AND RESET

ROADWAY PAVEMENT
 SHARED USE PATH
 CONC. DITCH PAVEMENT

0 10 50
 Feet

N

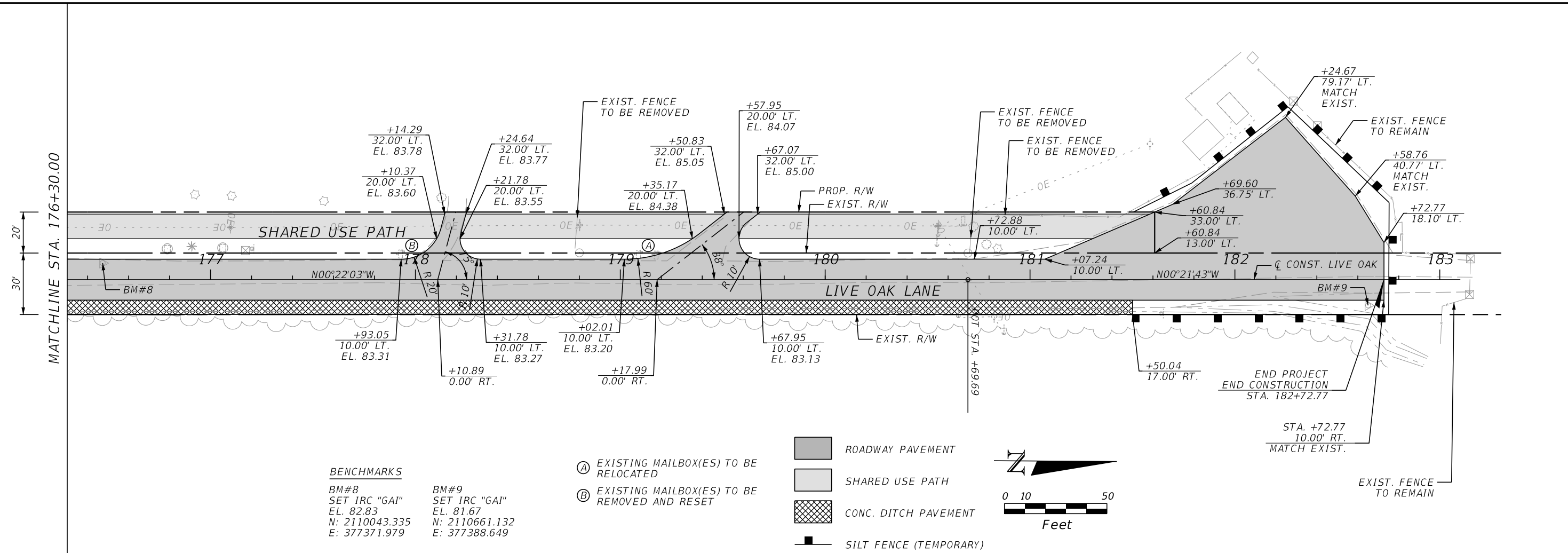


SCALE
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 1" = 5' Vertical

REVISIONS		ENGINEER OF RECORD		 CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS	PREPARED FOR: PLAN AND PROFILE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			
				ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		21

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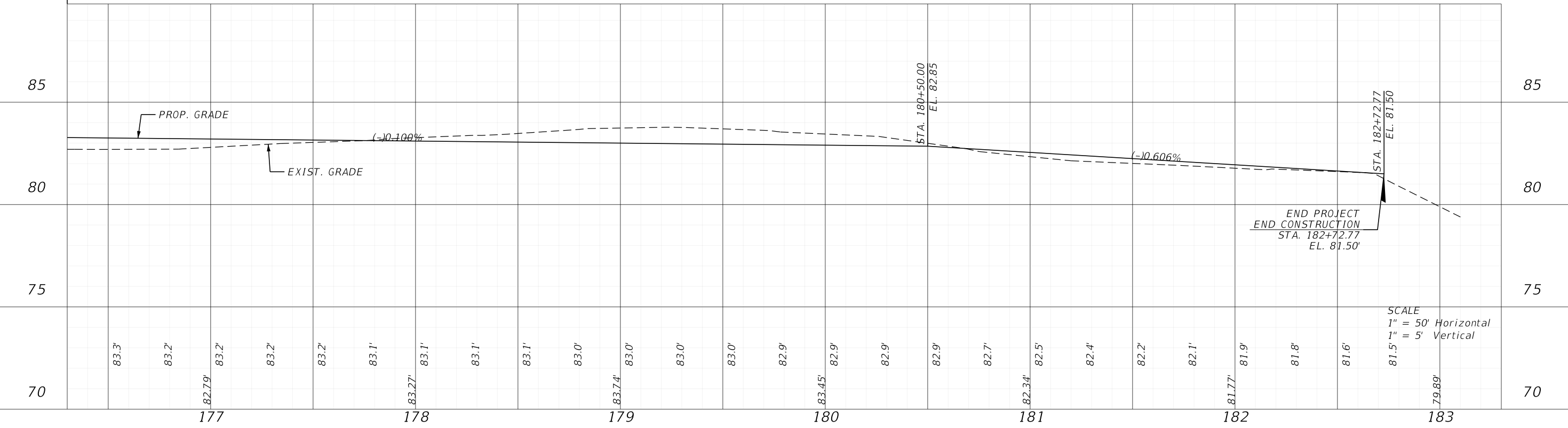
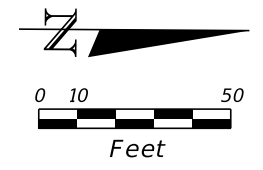


BENCHMARKS

BM#8 SET IRC "GAI" EL. 82.83 N: 2110043.335 E: 377371.979	BM#9 SET IRC "GAI" EL. 81.67 N: 2110661.132 E: 377388.649
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- Ⓐ EXISTING MAILBOX(ES) TO BE RELOCATED
- Ⓑ EXISTING MAILBOX(ES) TO BE REMOVED AND RESET

- ROADWAY PAVEMENT
- SHARED USE PATH
- CONC. DITCH PAVEMENT
- SILT FENCE (TEMPORARY)

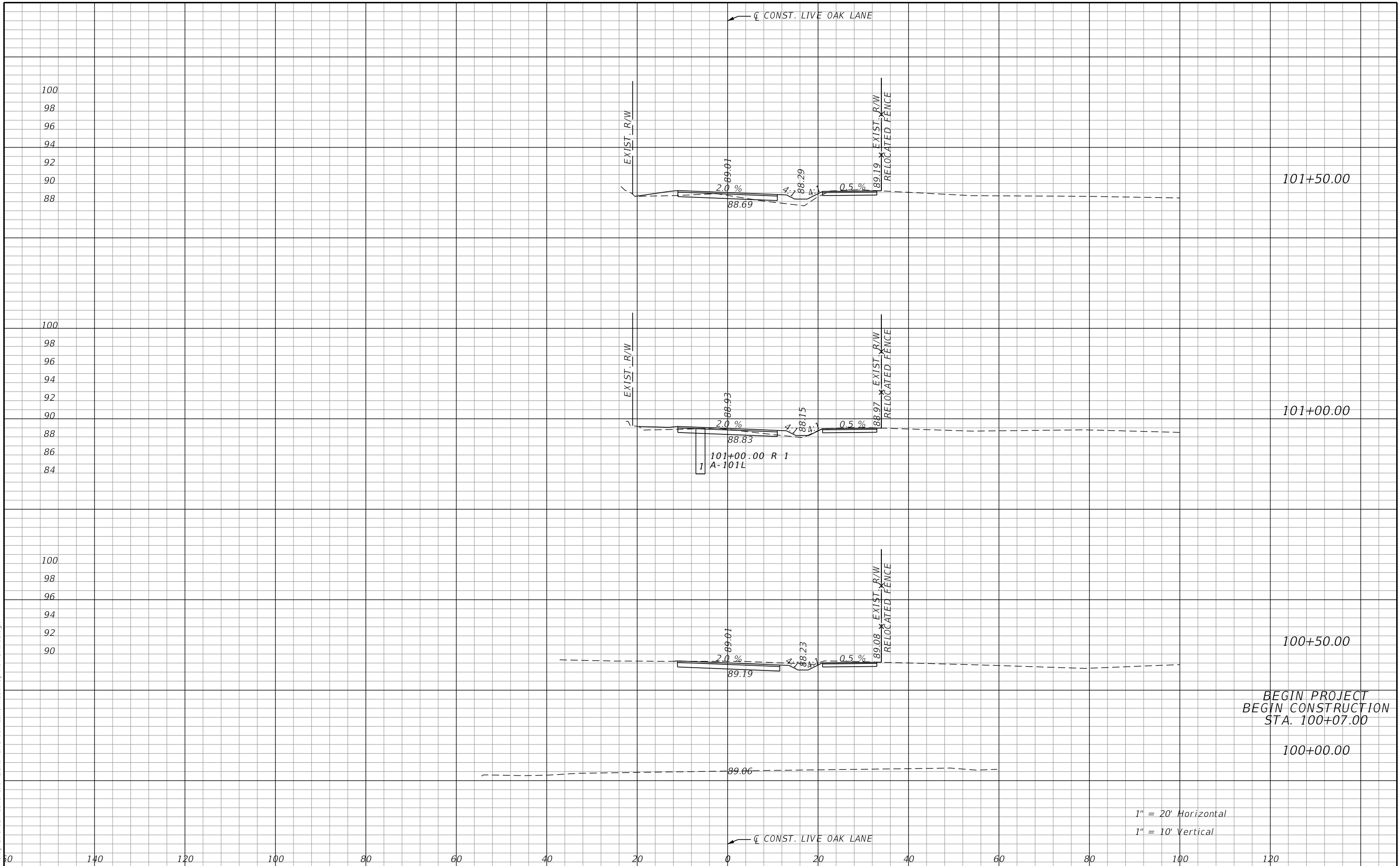


SCALE
1" = 50' Horizontal
1" = 5' Vertical

REVISIONS				ENGINEER OF RECORD		PREPARED FOR:		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS		
						PLAN AND PROFILE		22

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 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



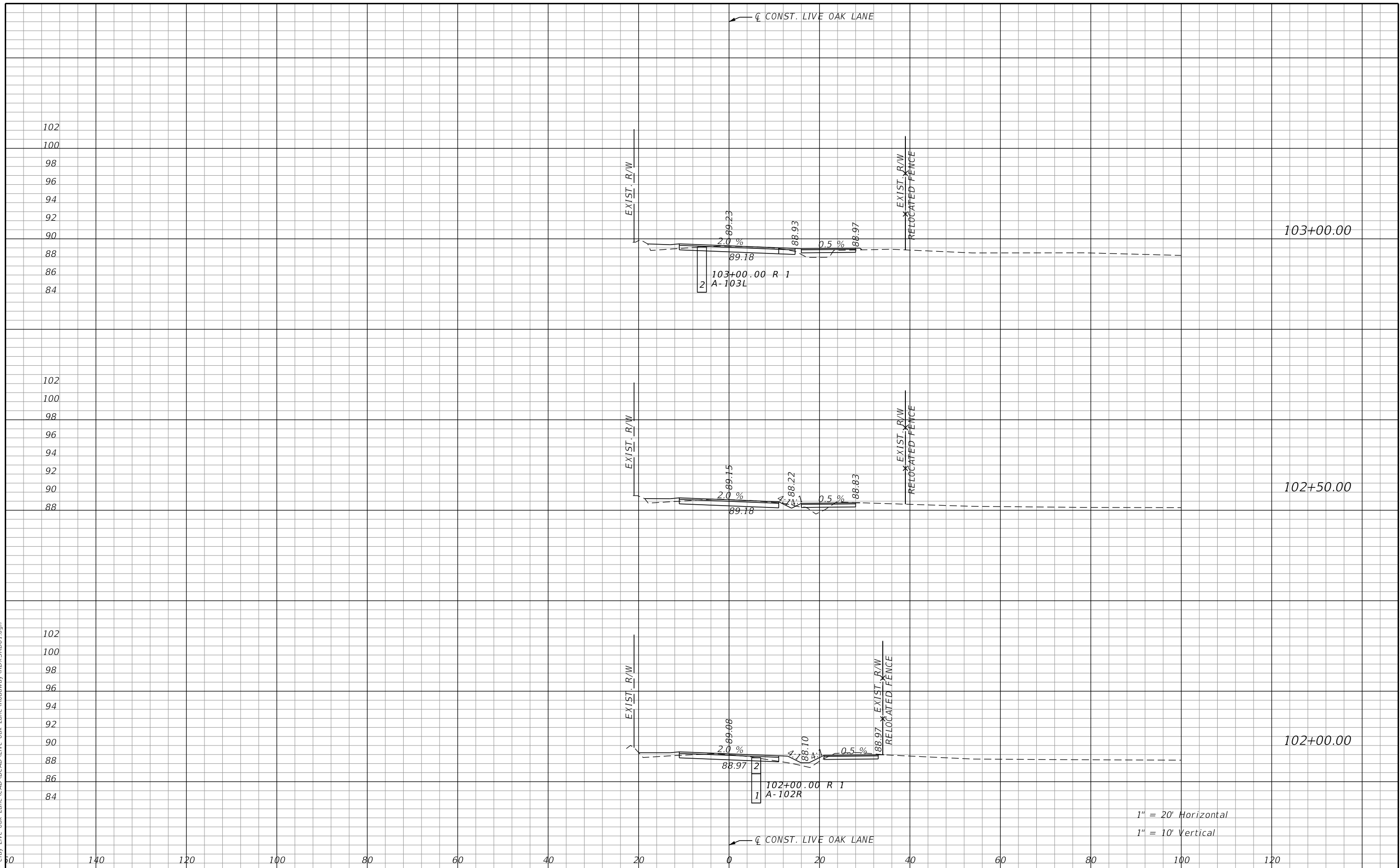
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1" = 20' Horizontal
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ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



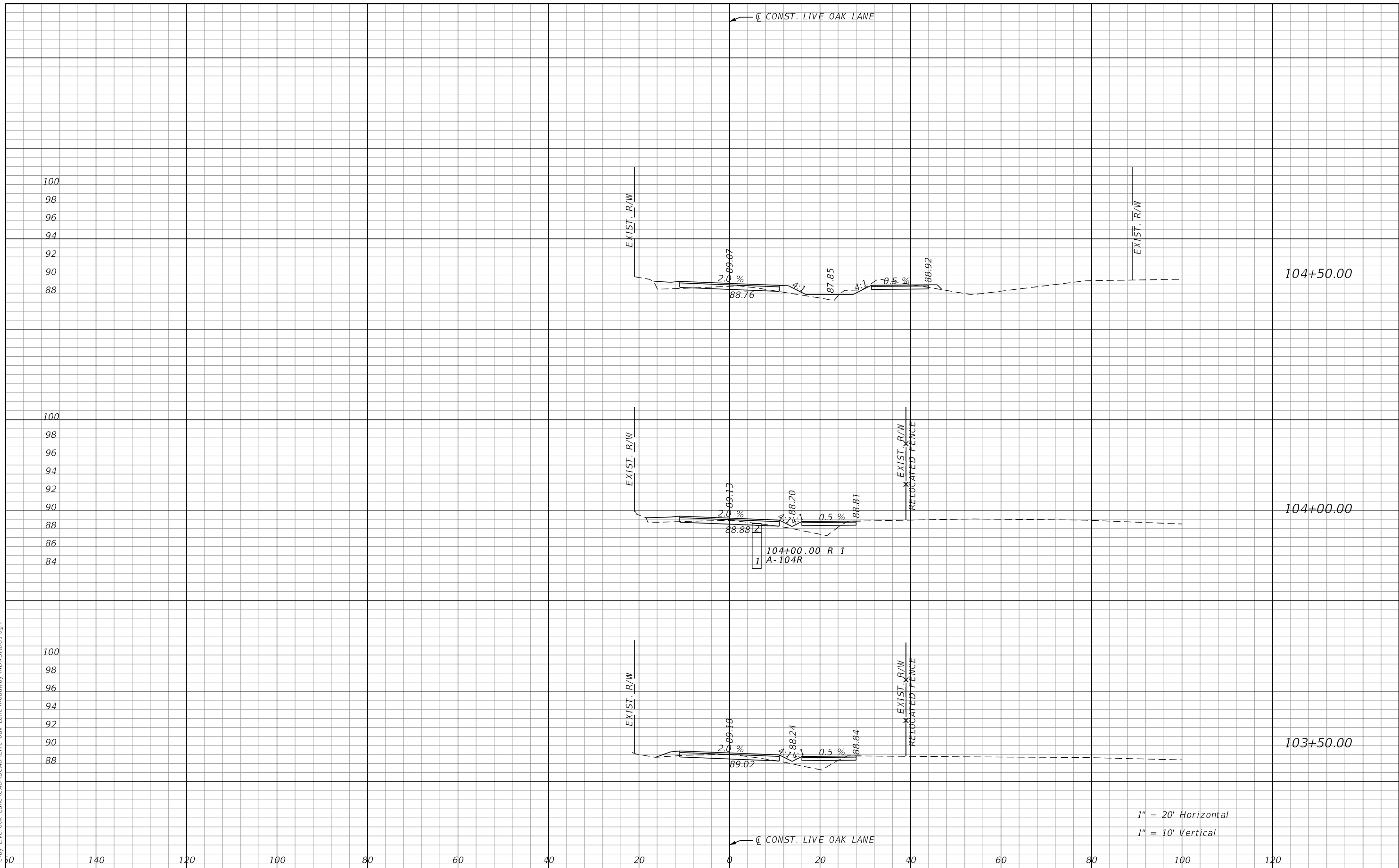
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 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



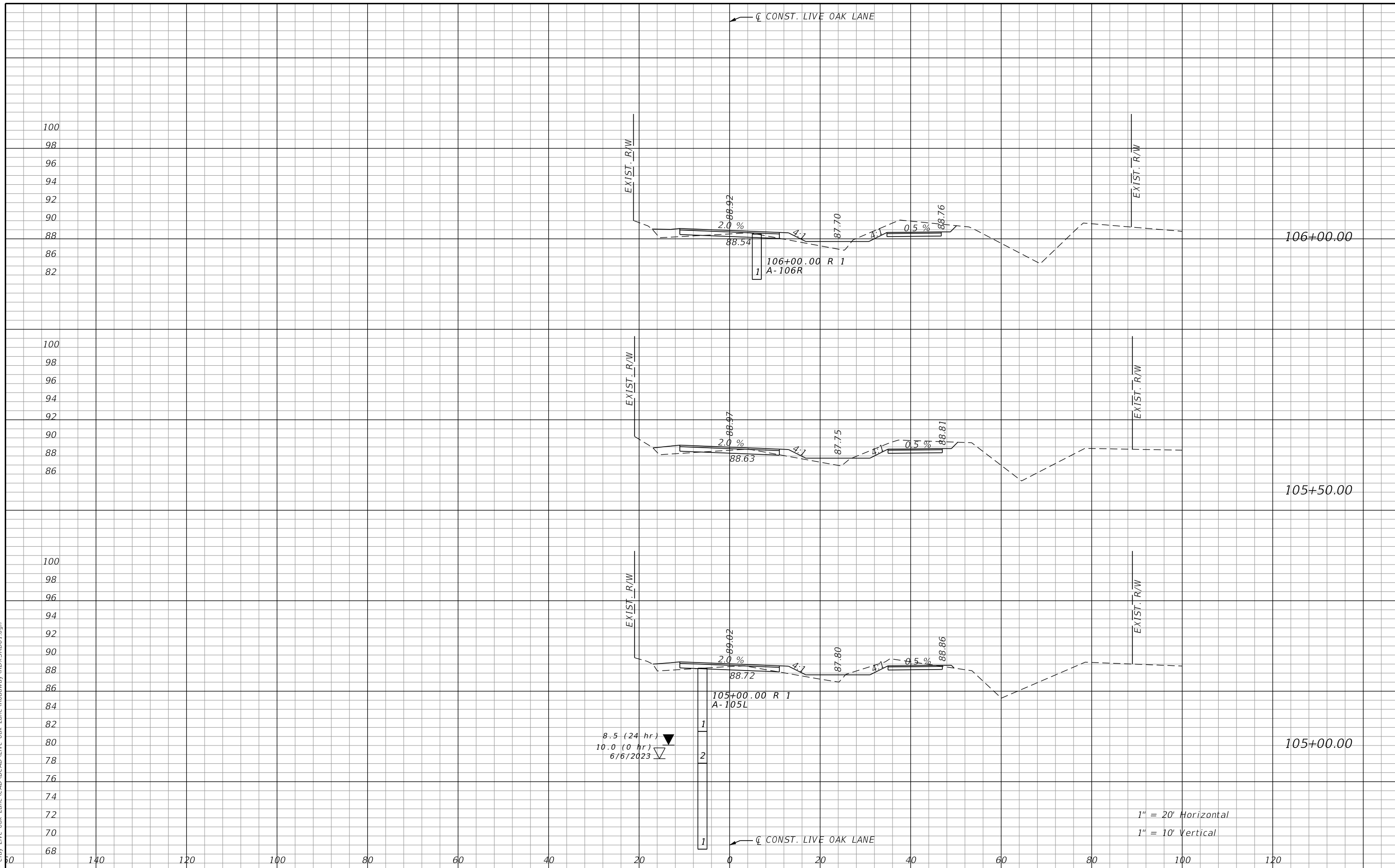
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ENGINEER OF RECORD
 ROBERT B. JAMIESON
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 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



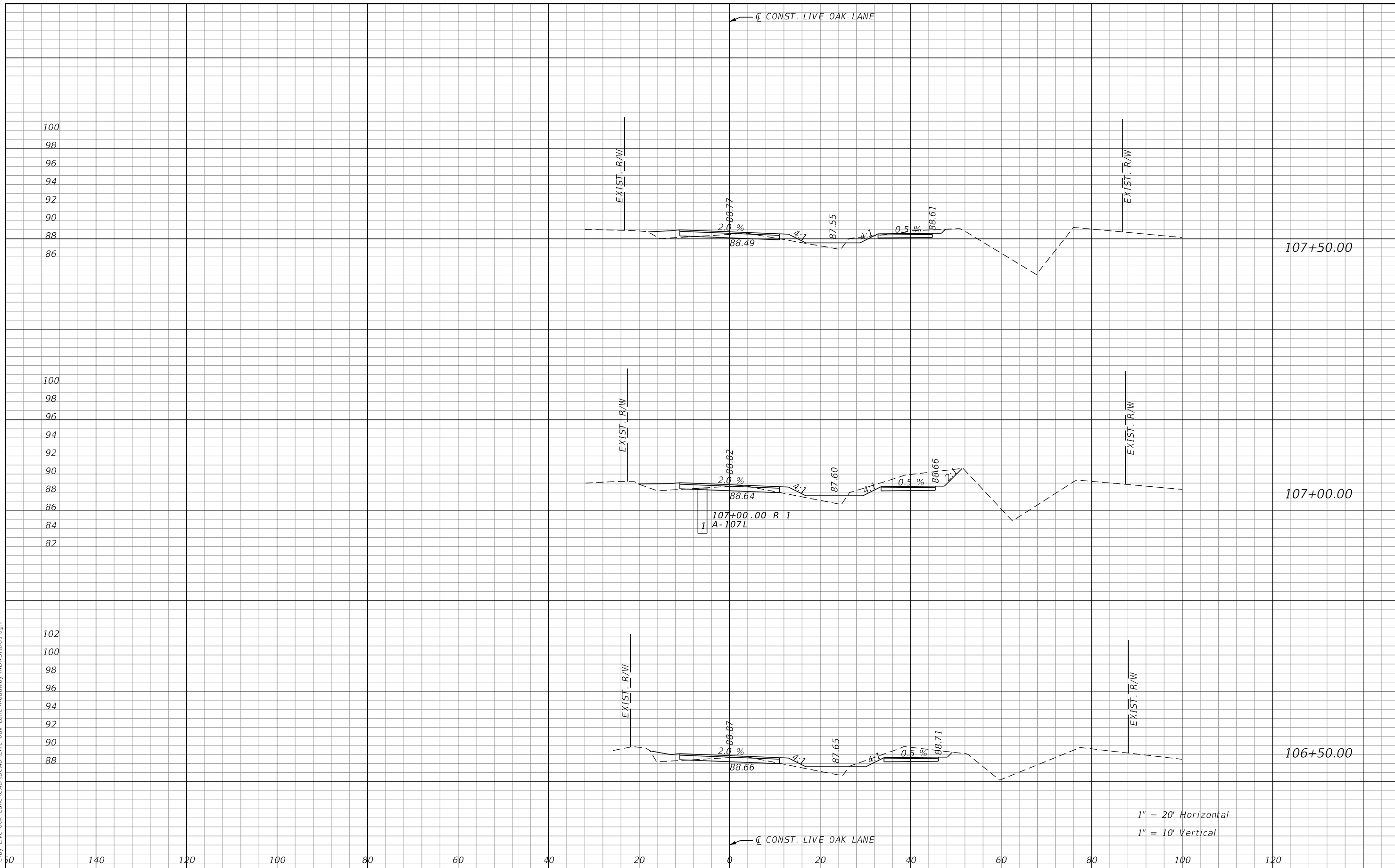
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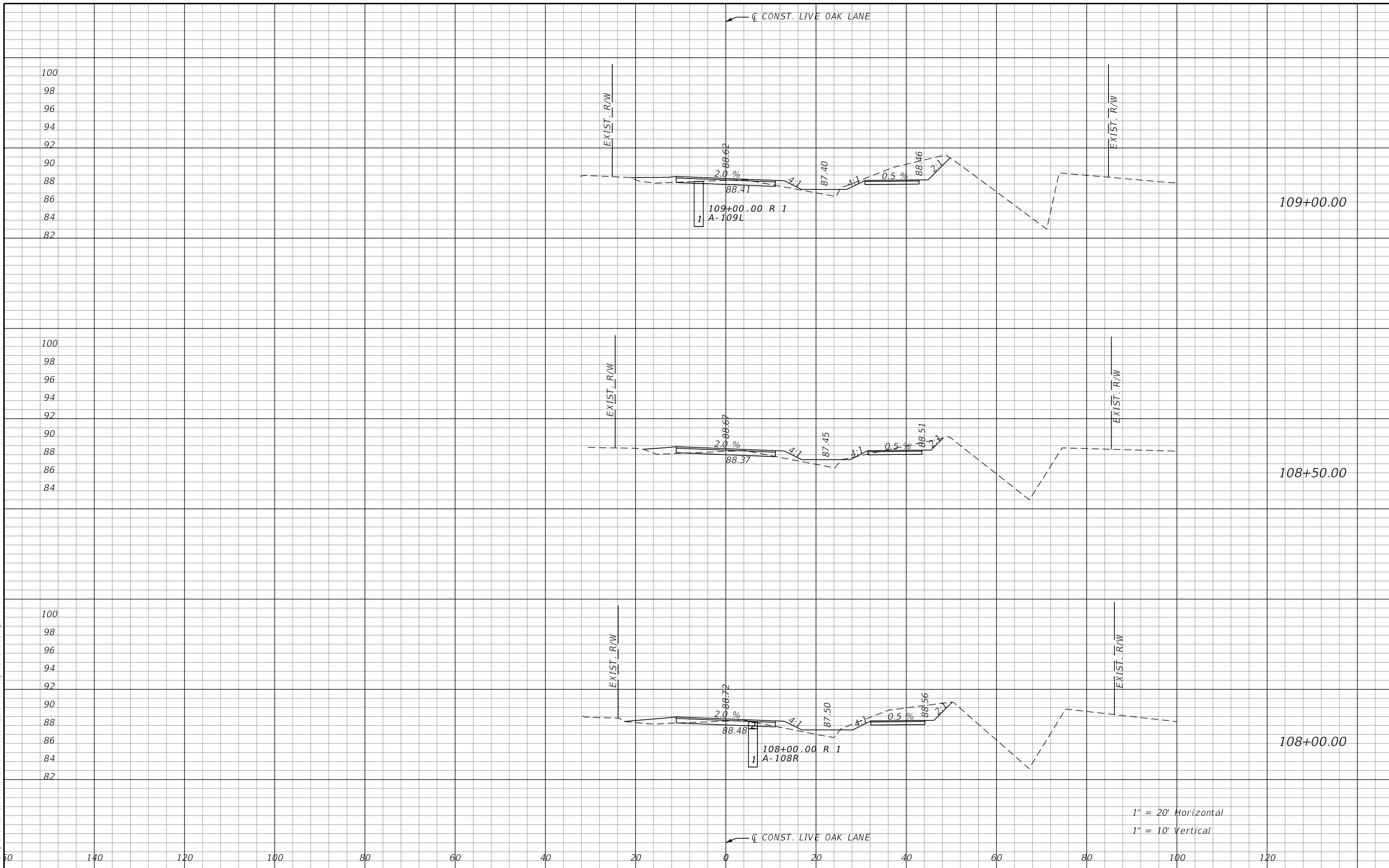
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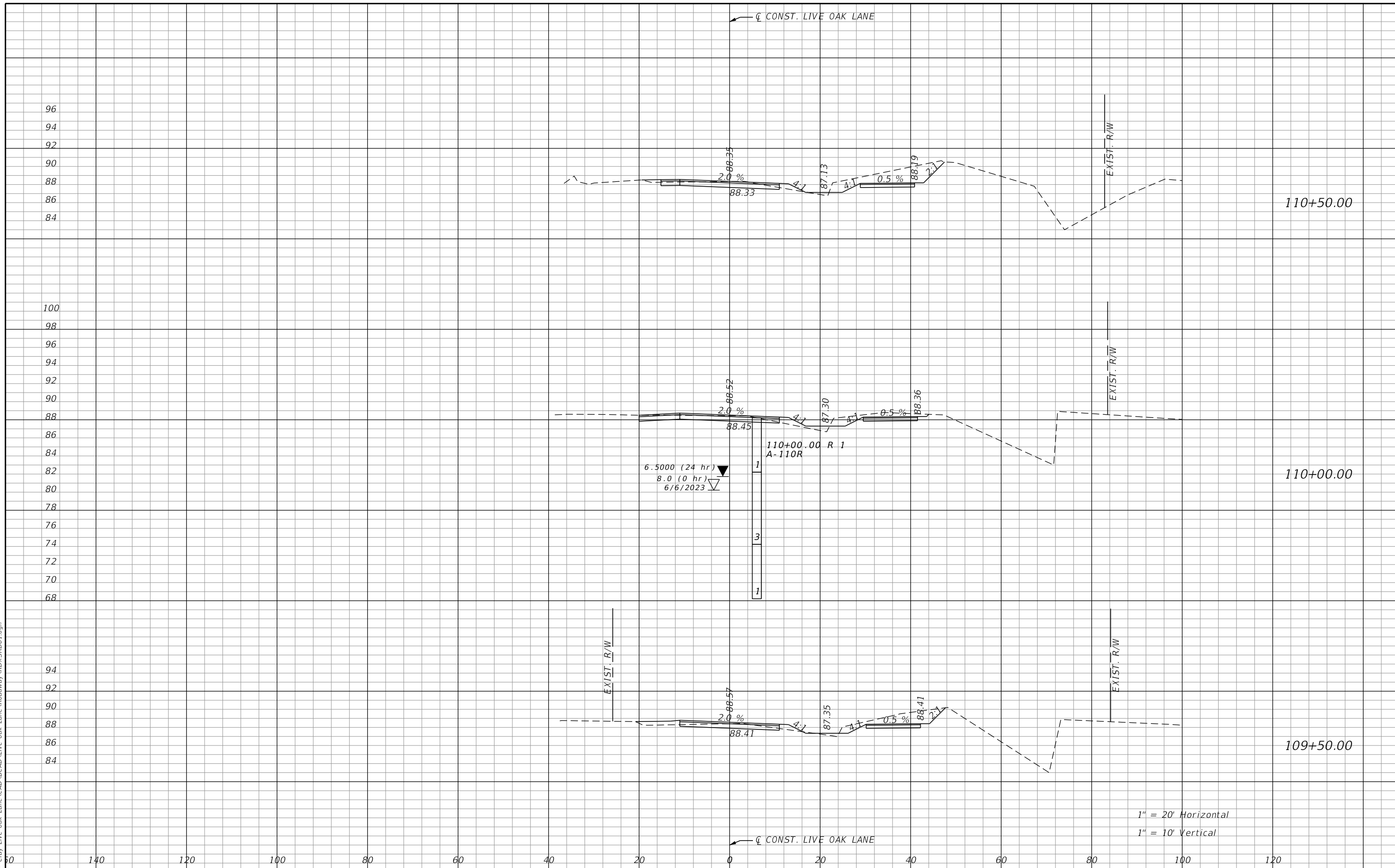


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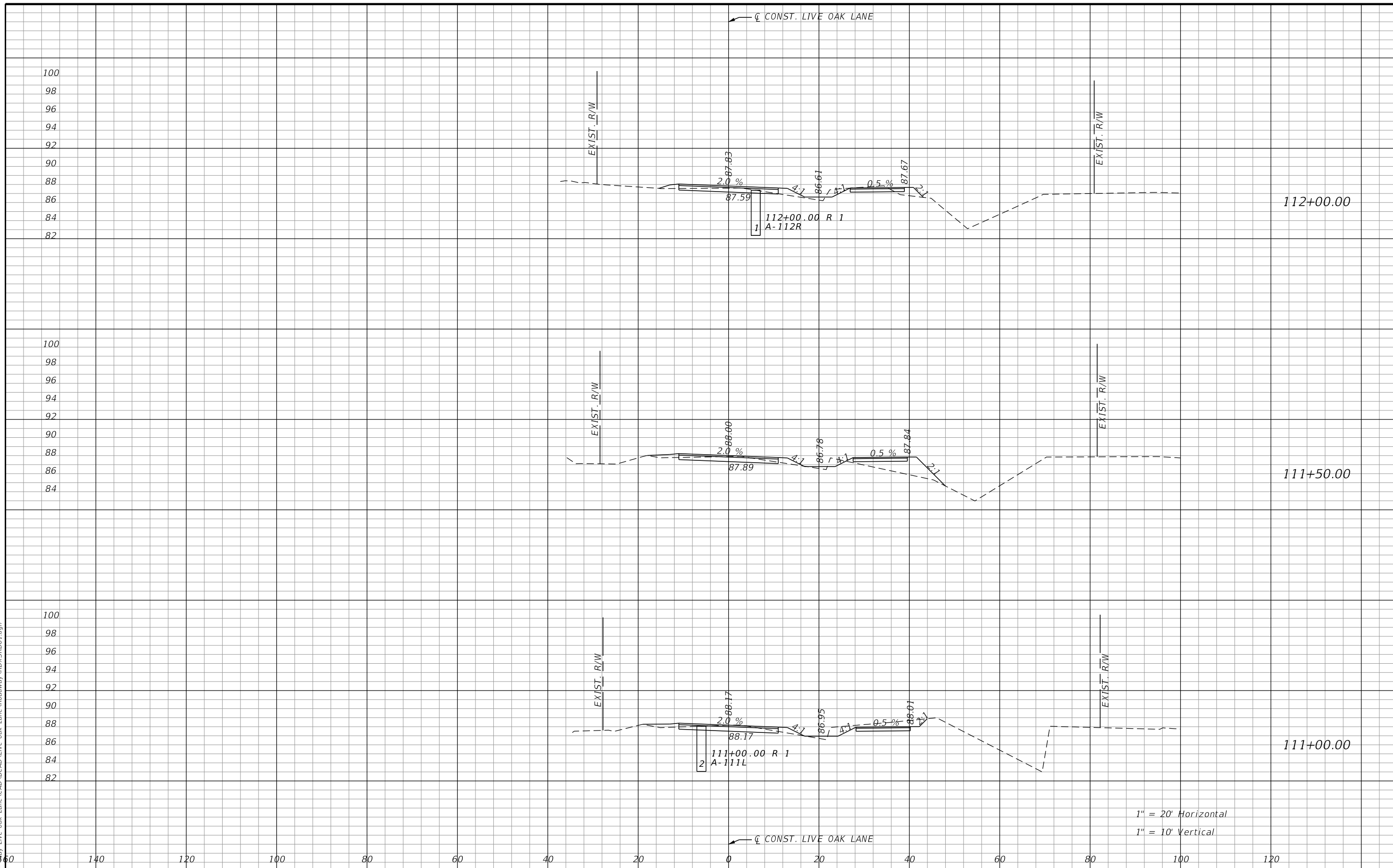


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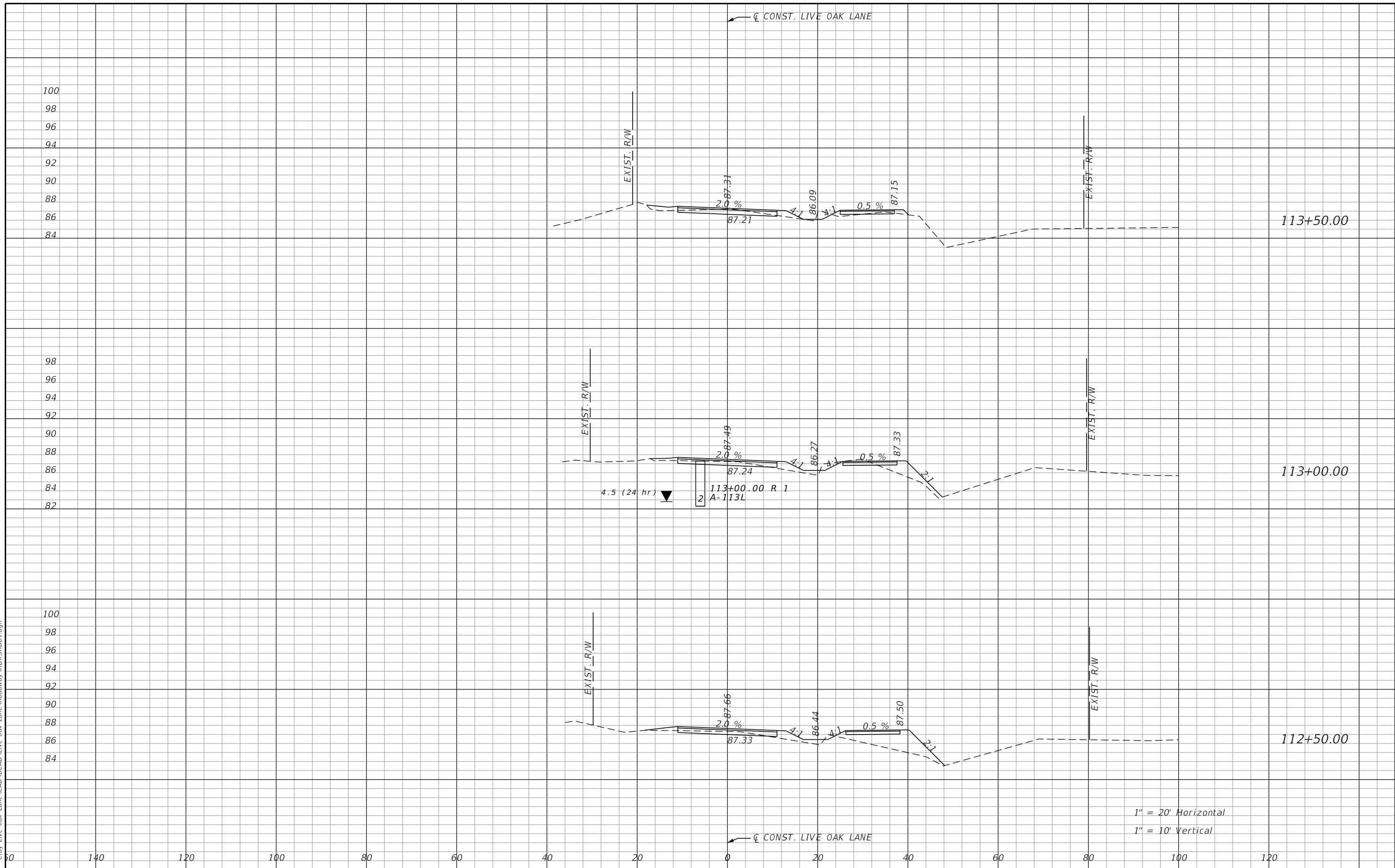
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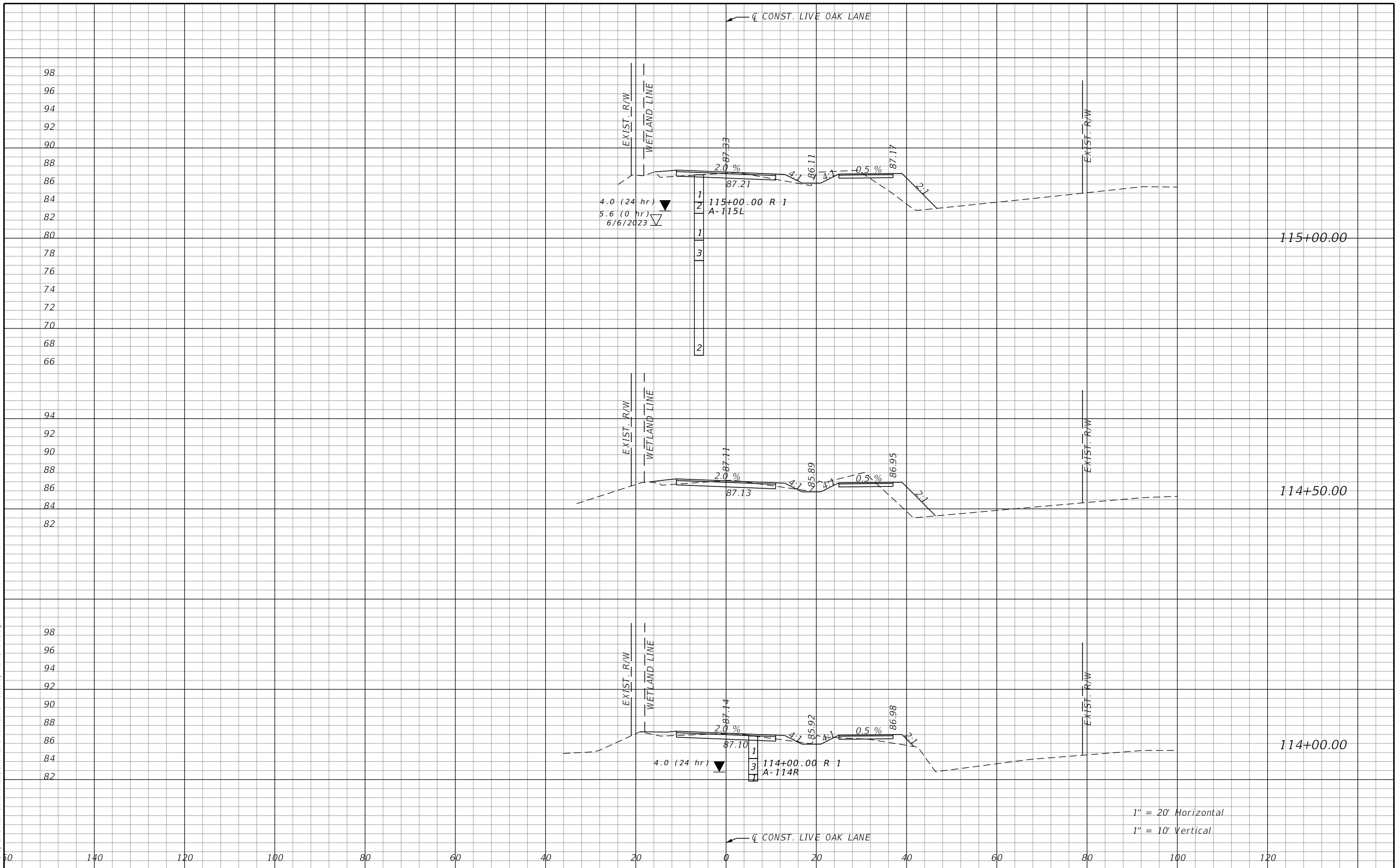
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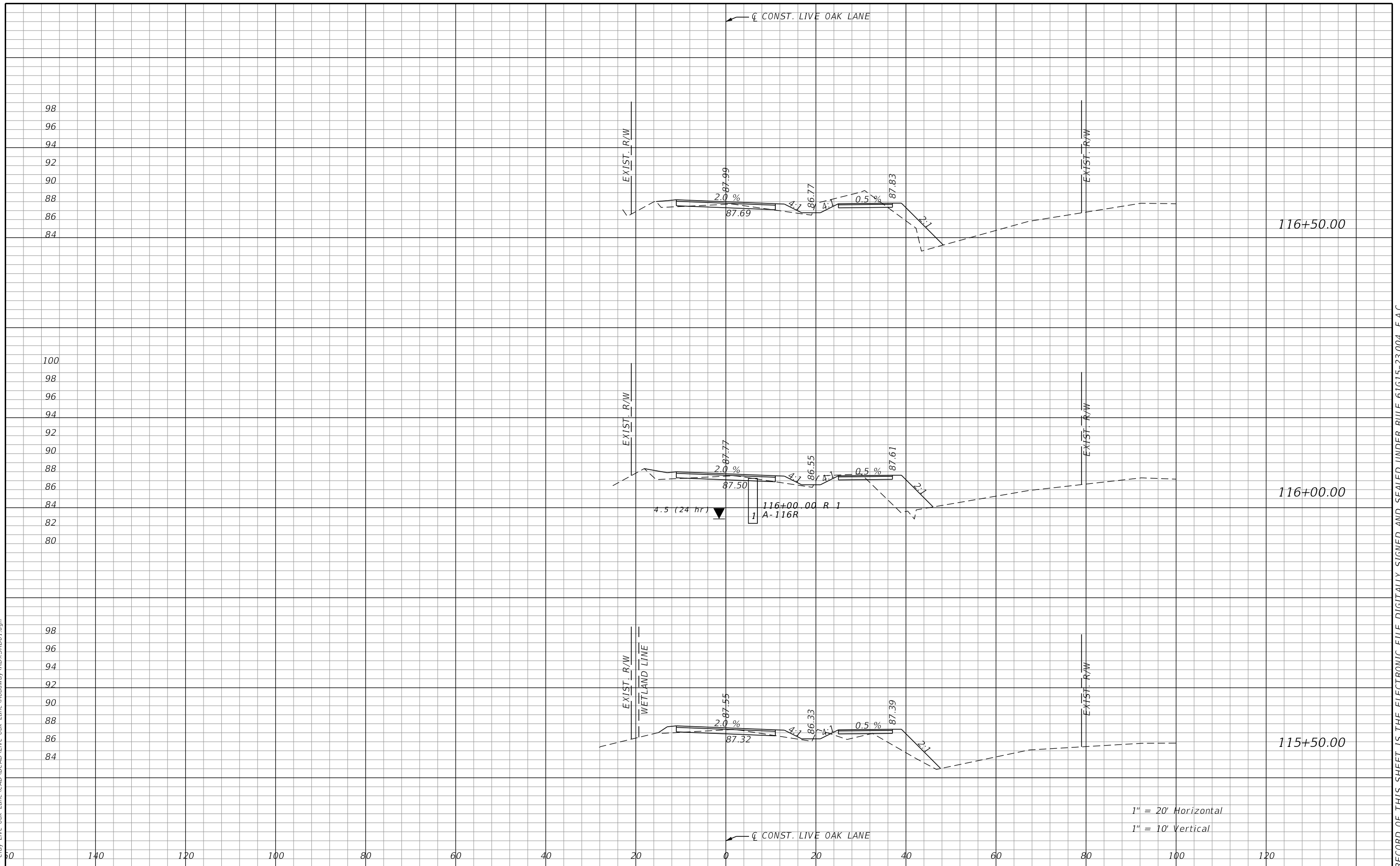
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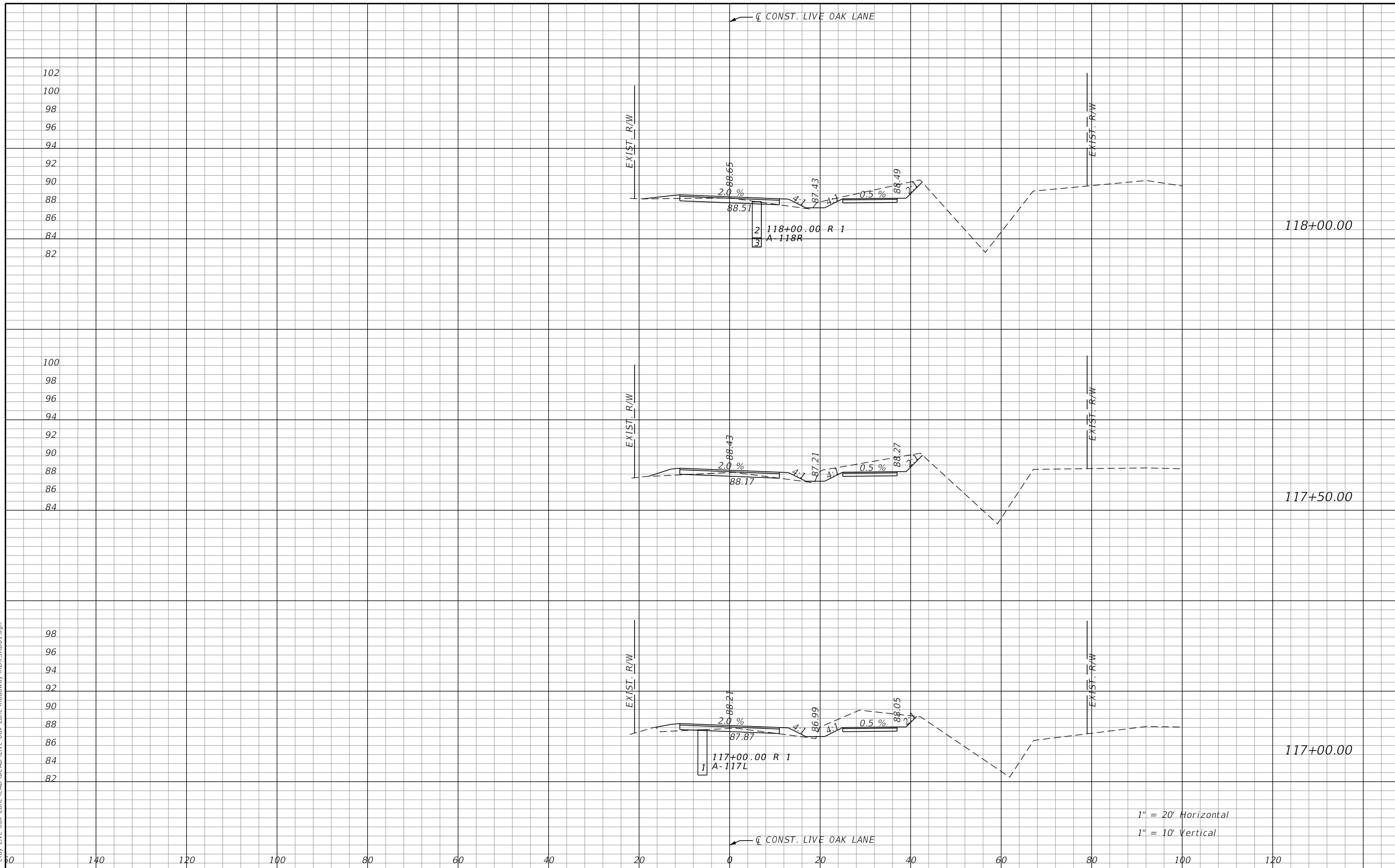
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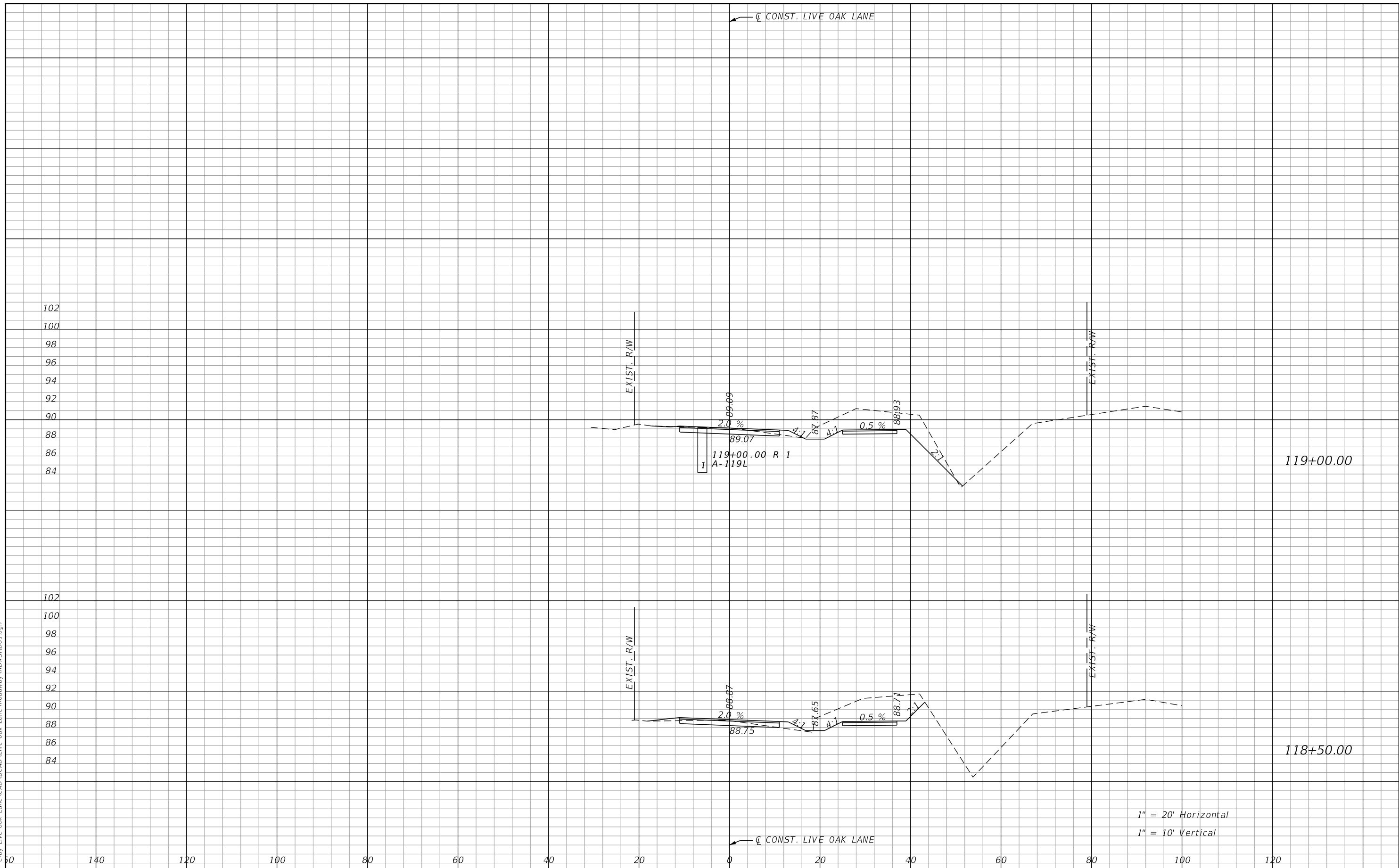
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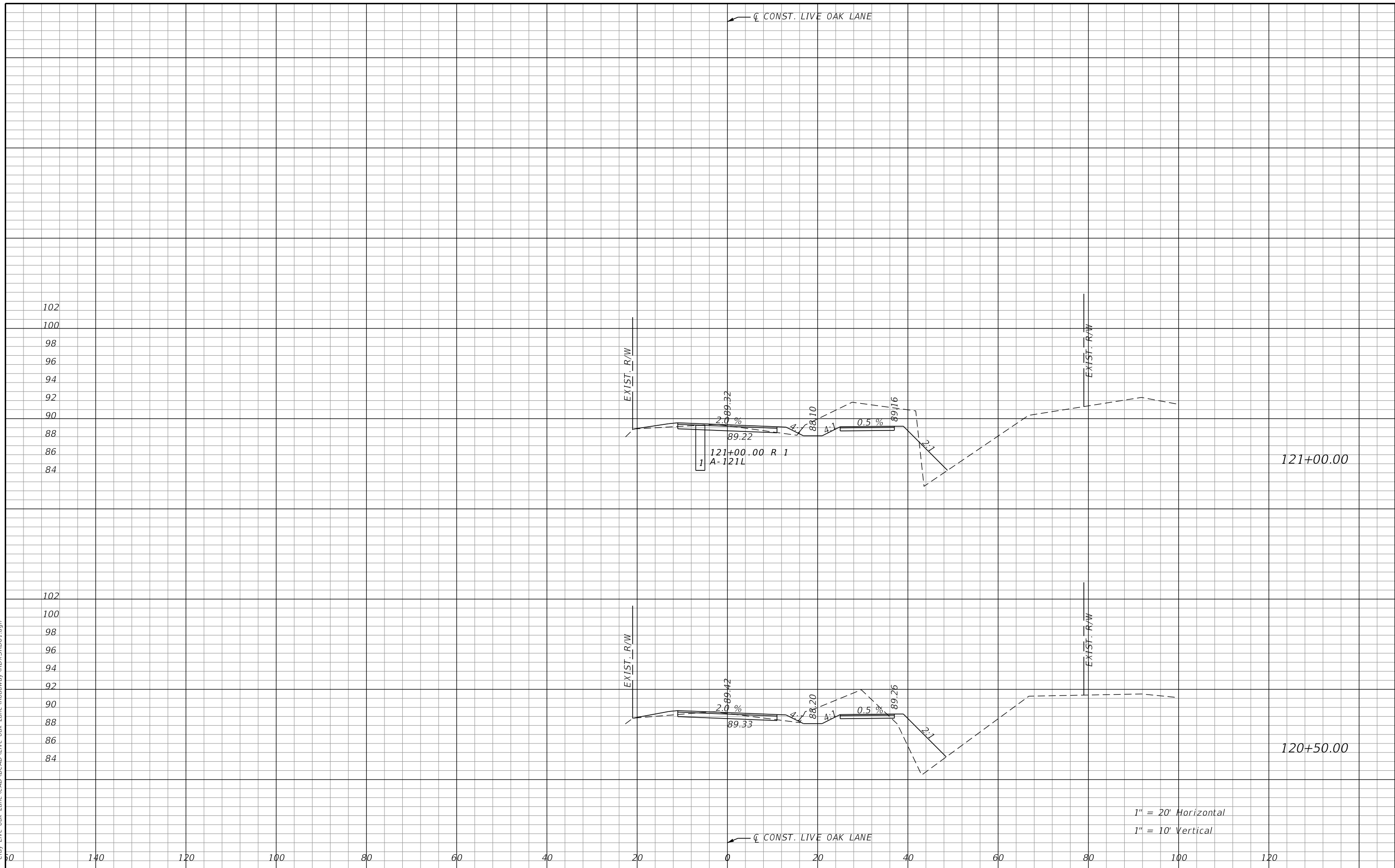
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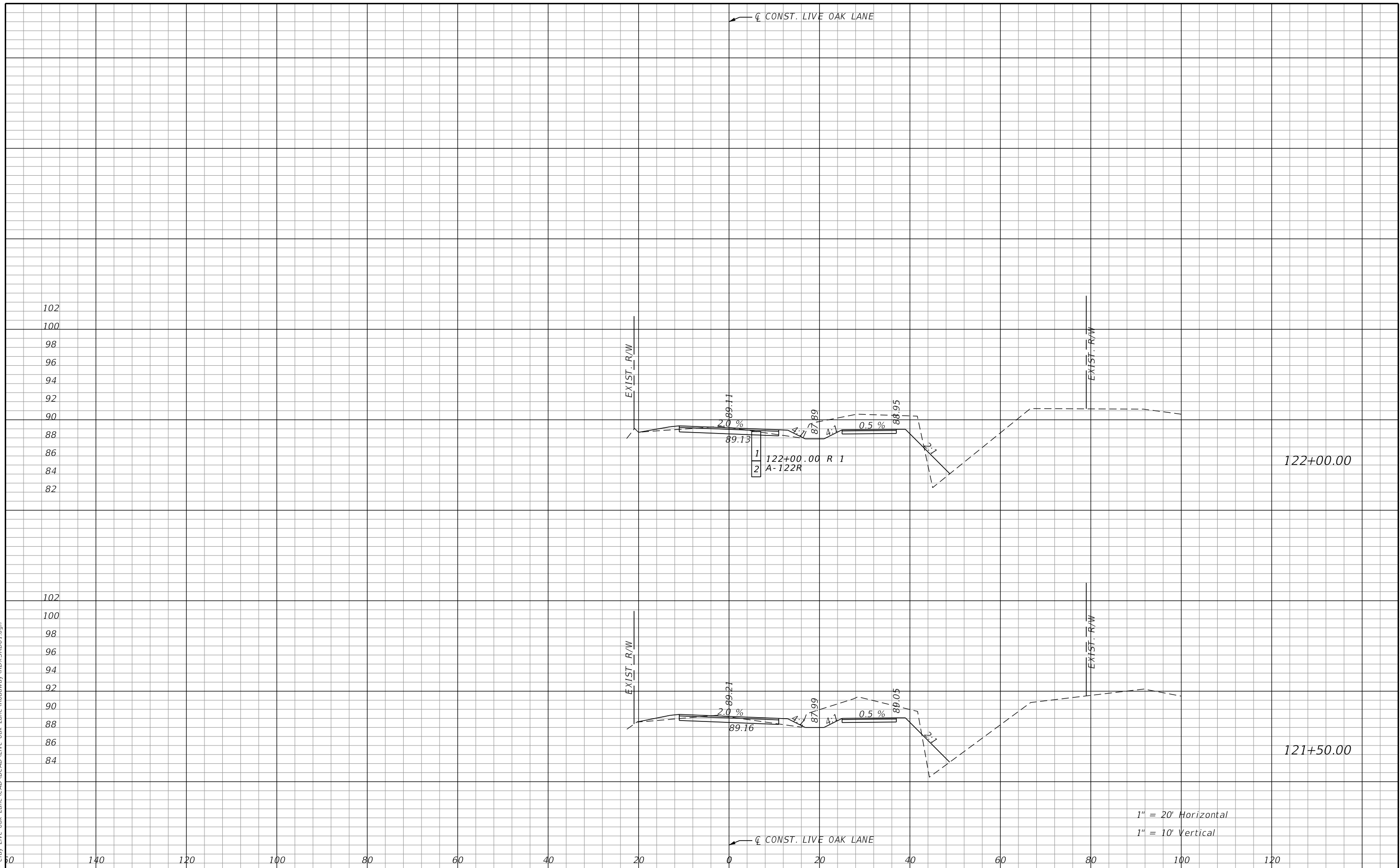
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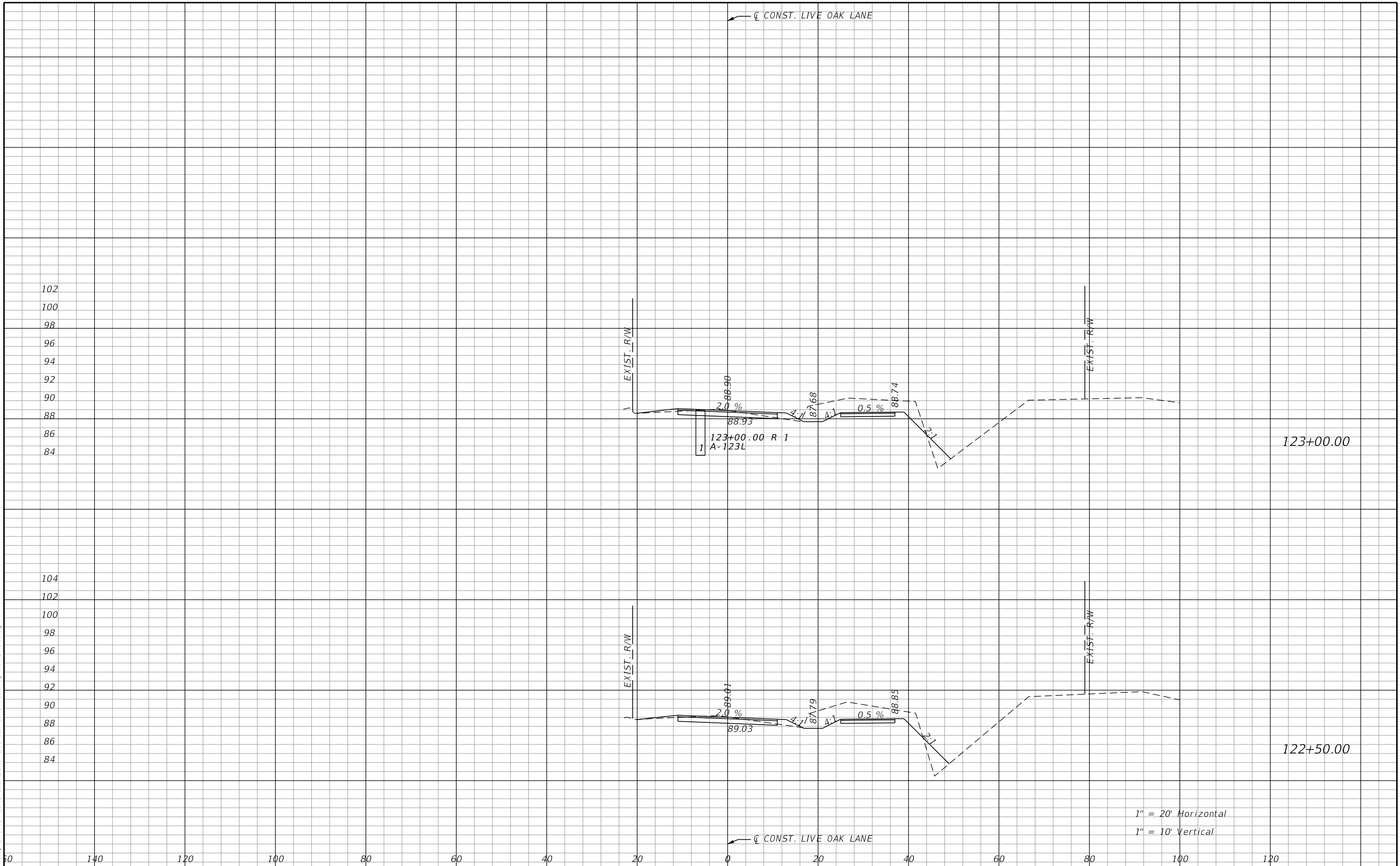
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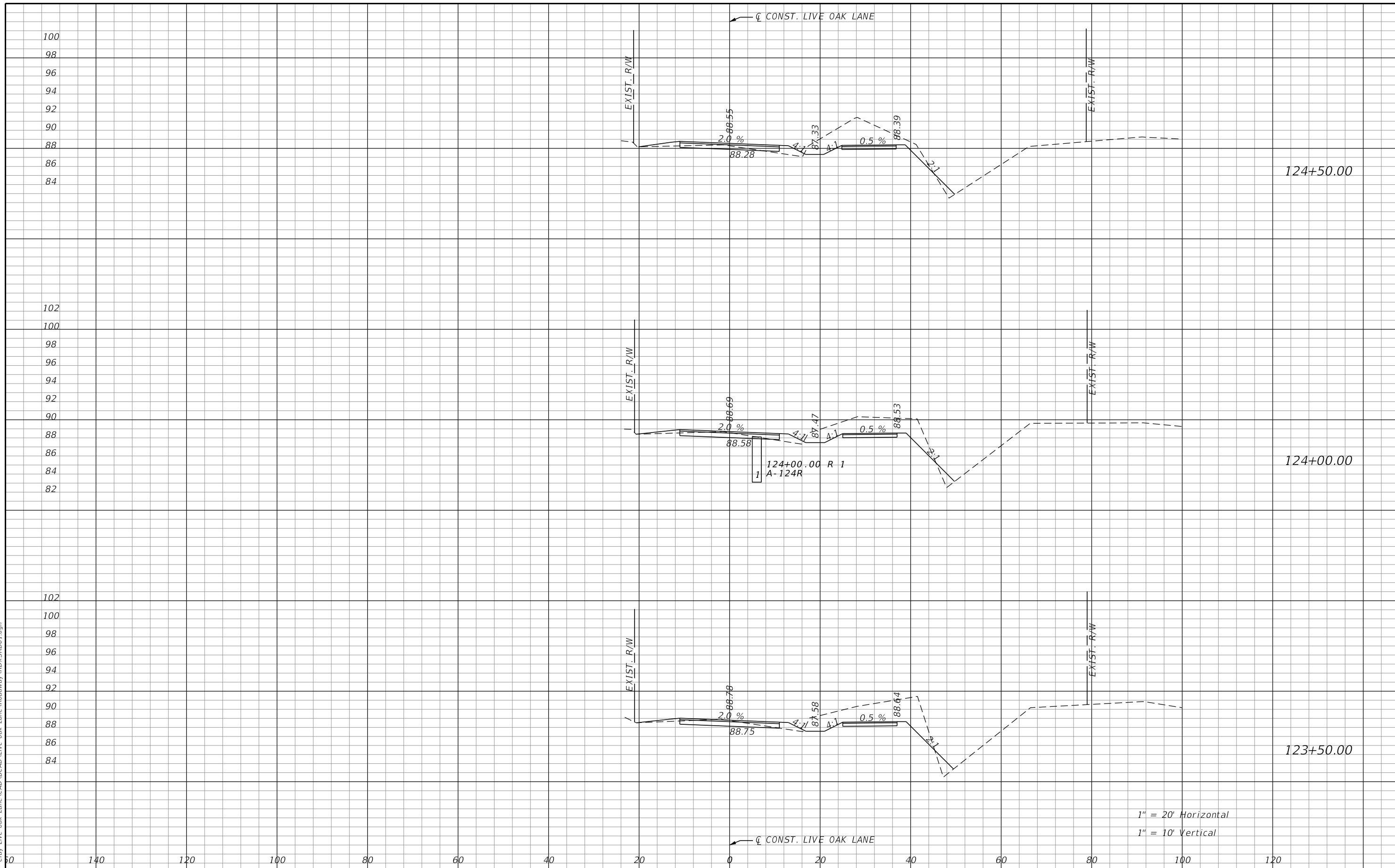


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DATE	DESCRIPTION	DATE	DESCRIPTION			39
			ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258			

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 JACKSONVILLE, FL 32258



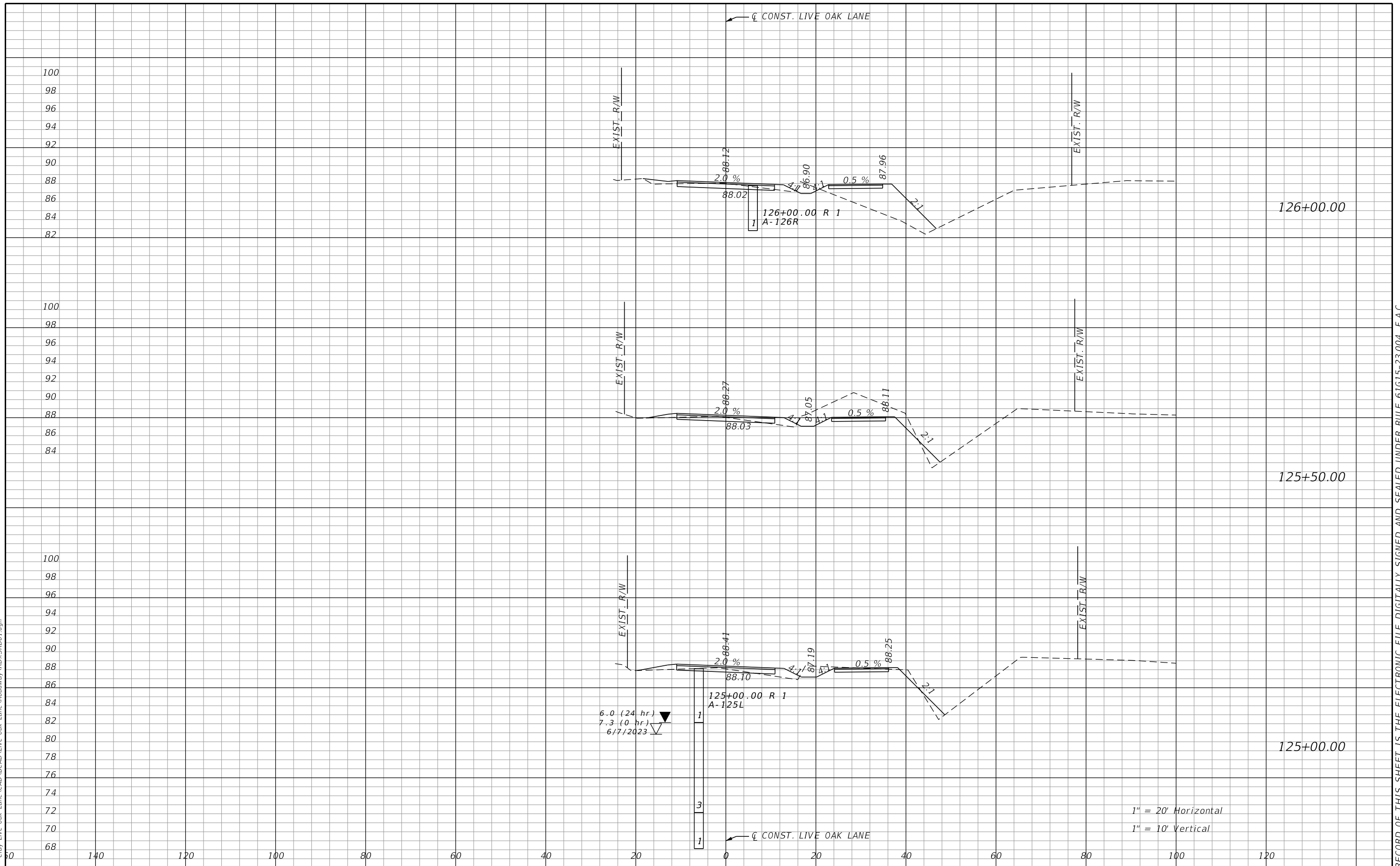
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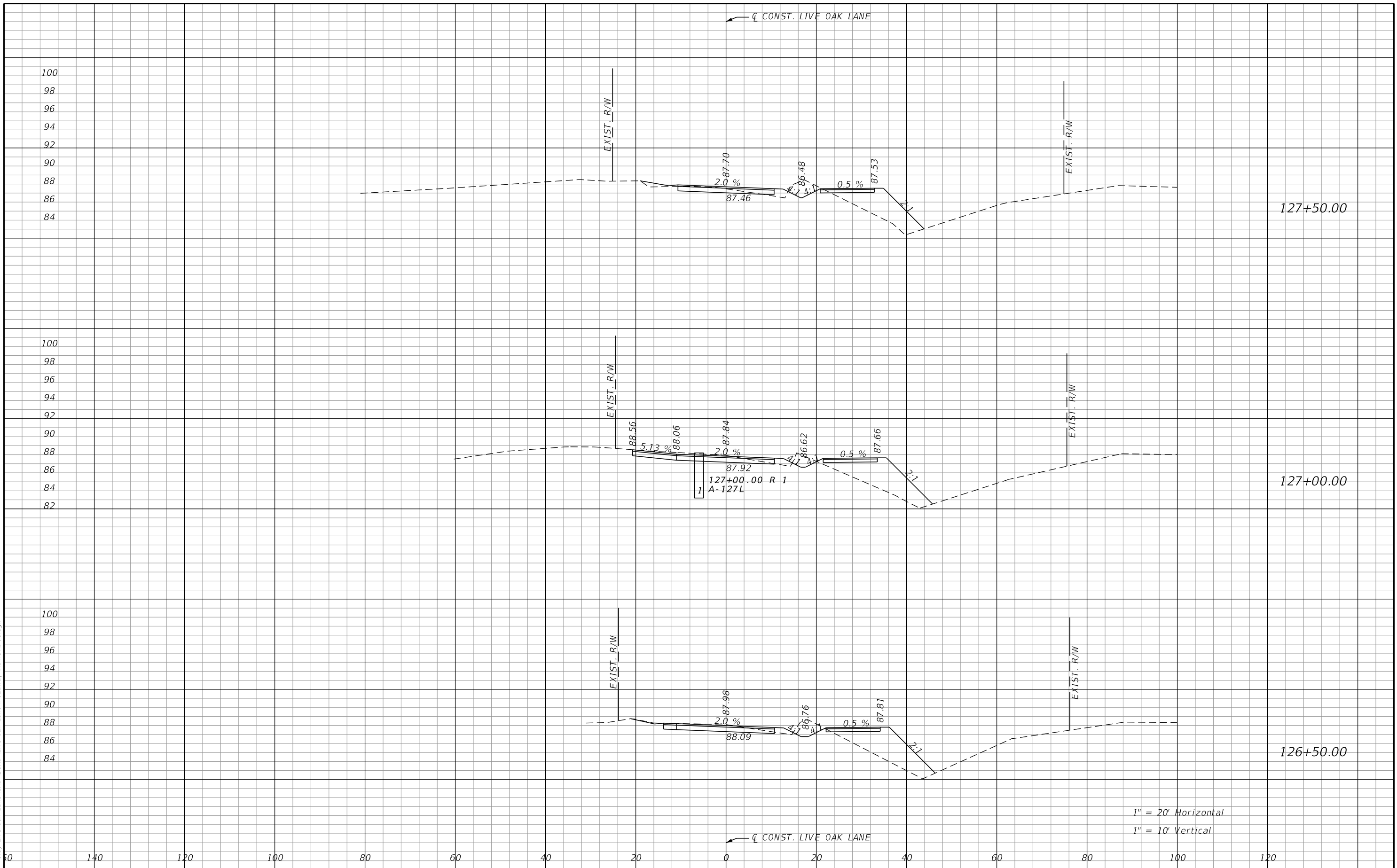
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 JACKSONVILLE, FL 32258



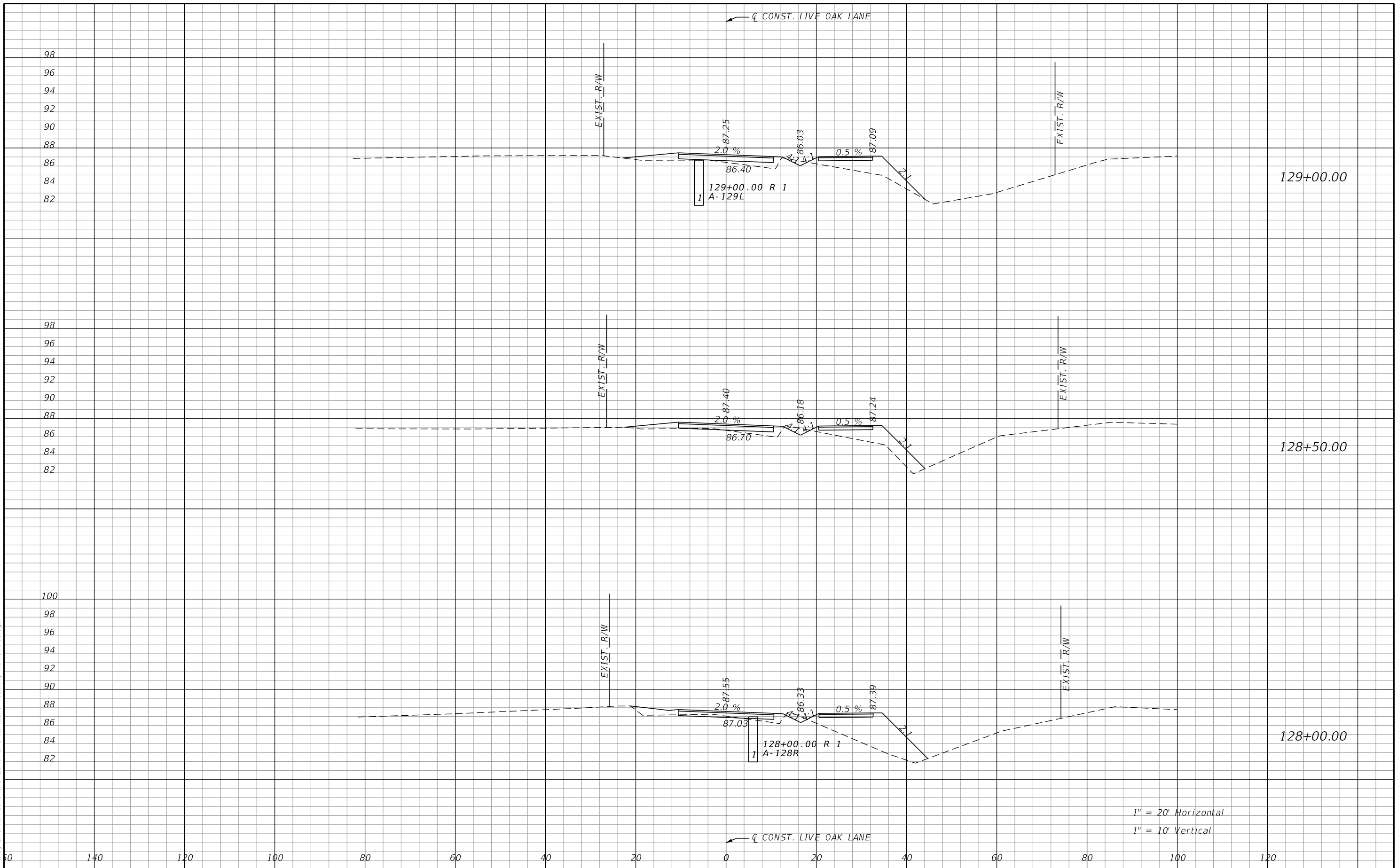
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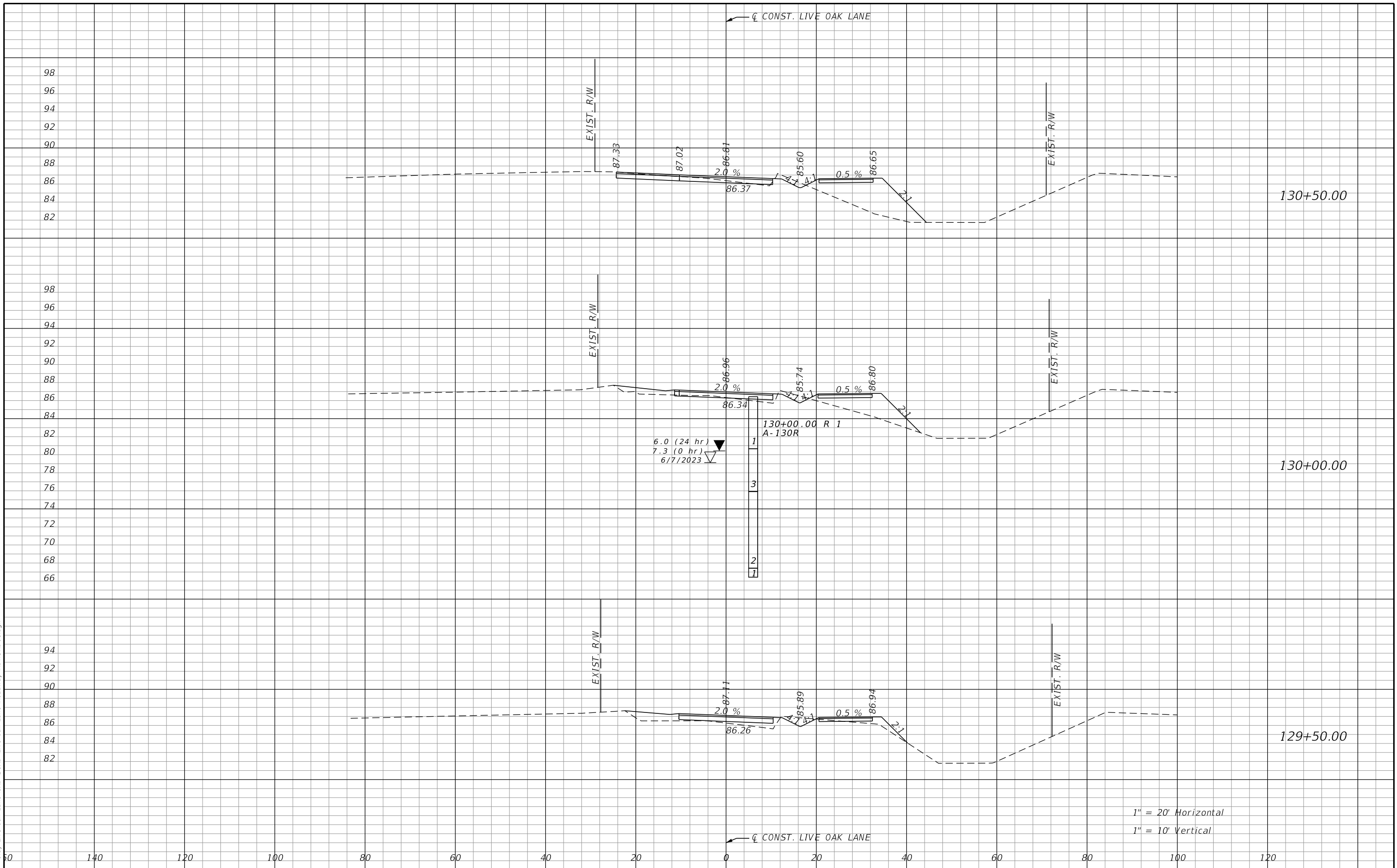
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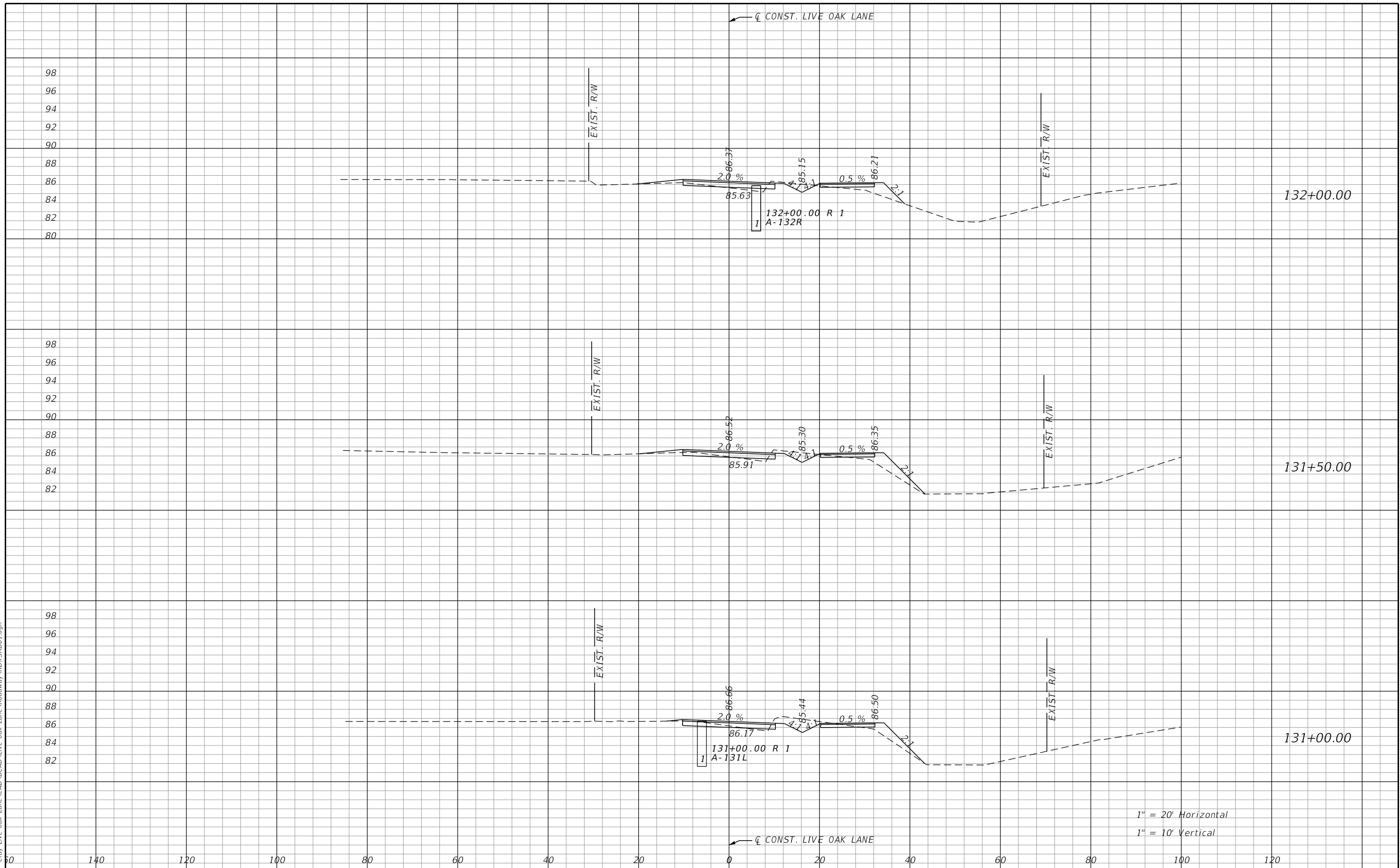
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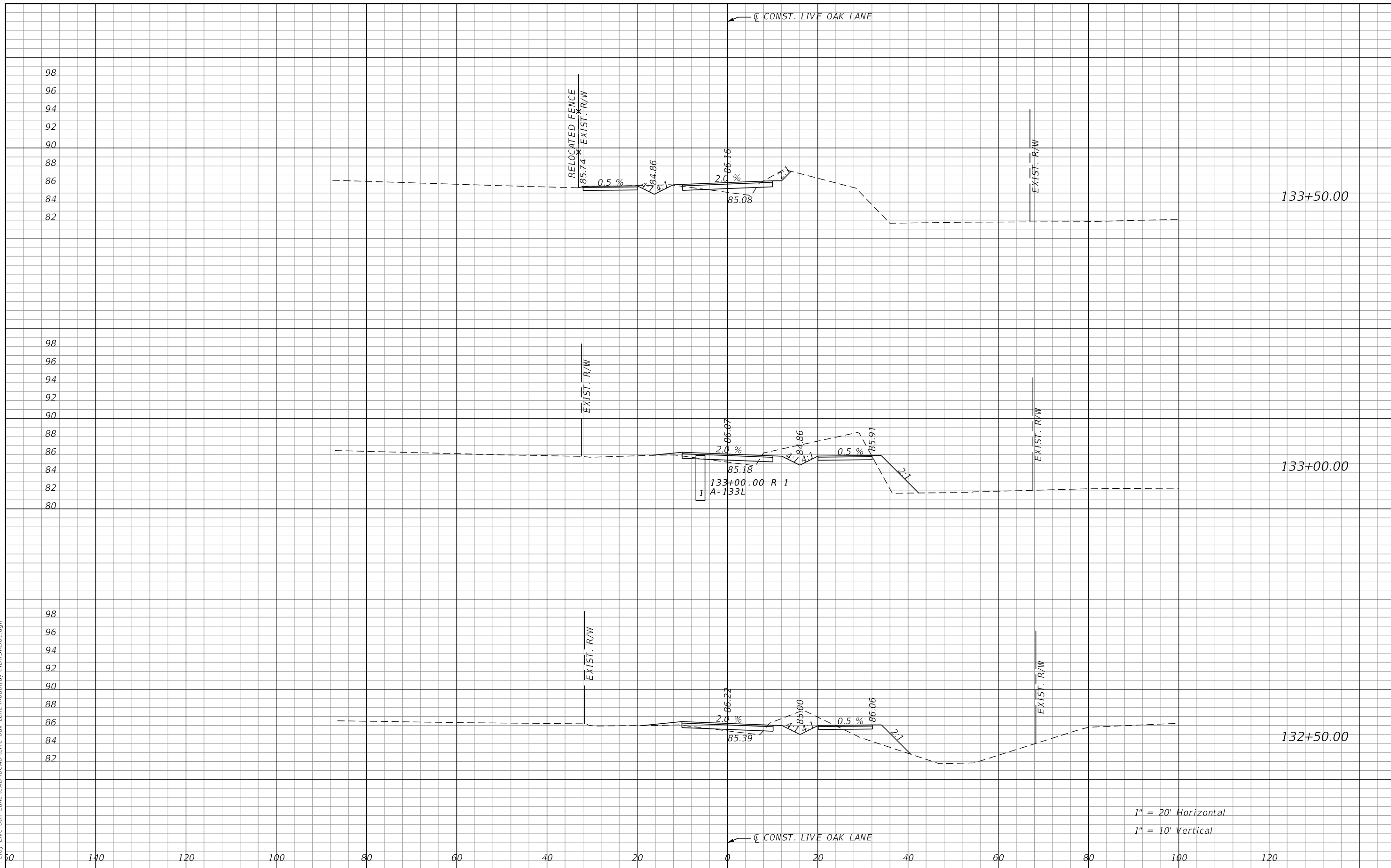
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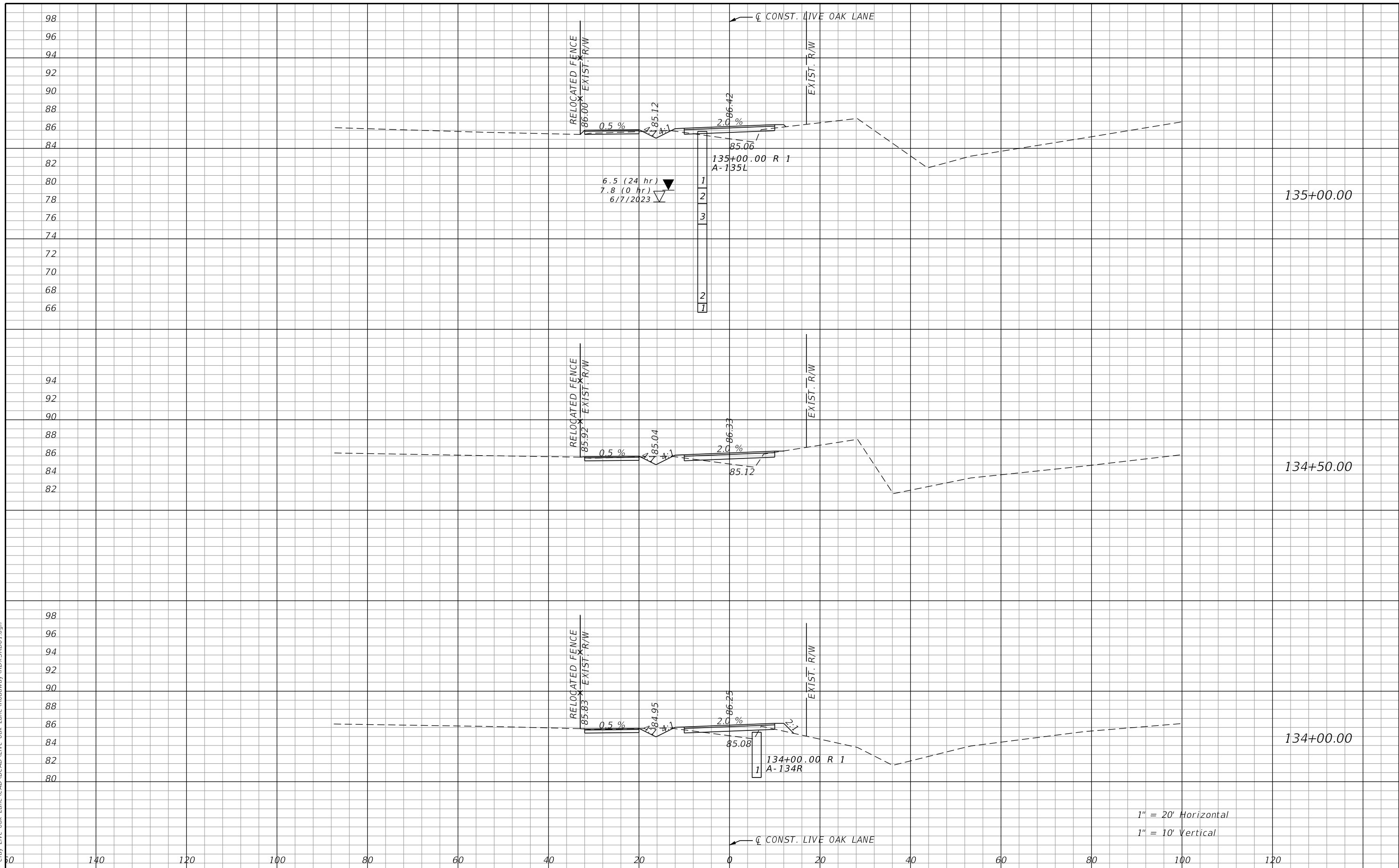
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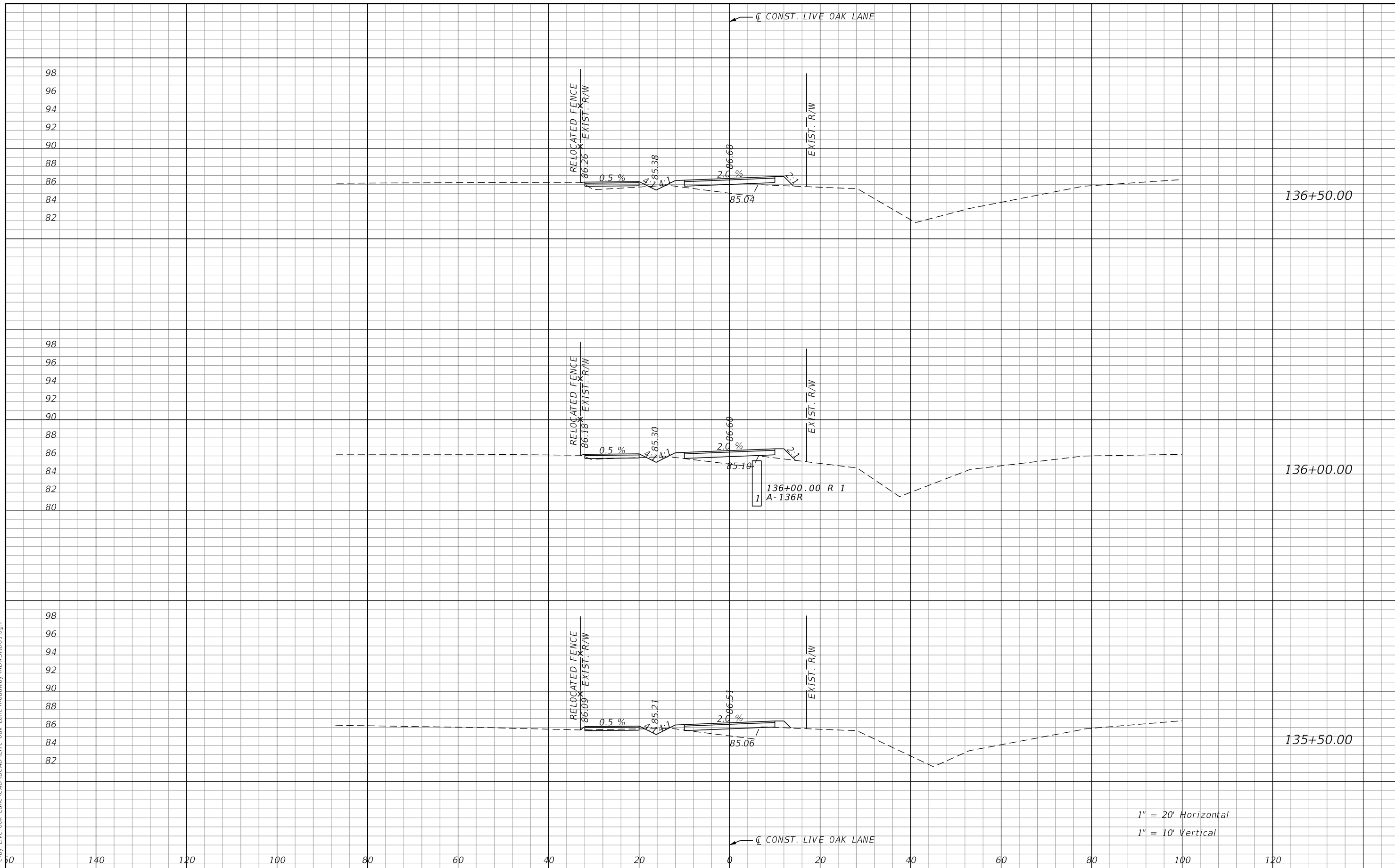
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 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



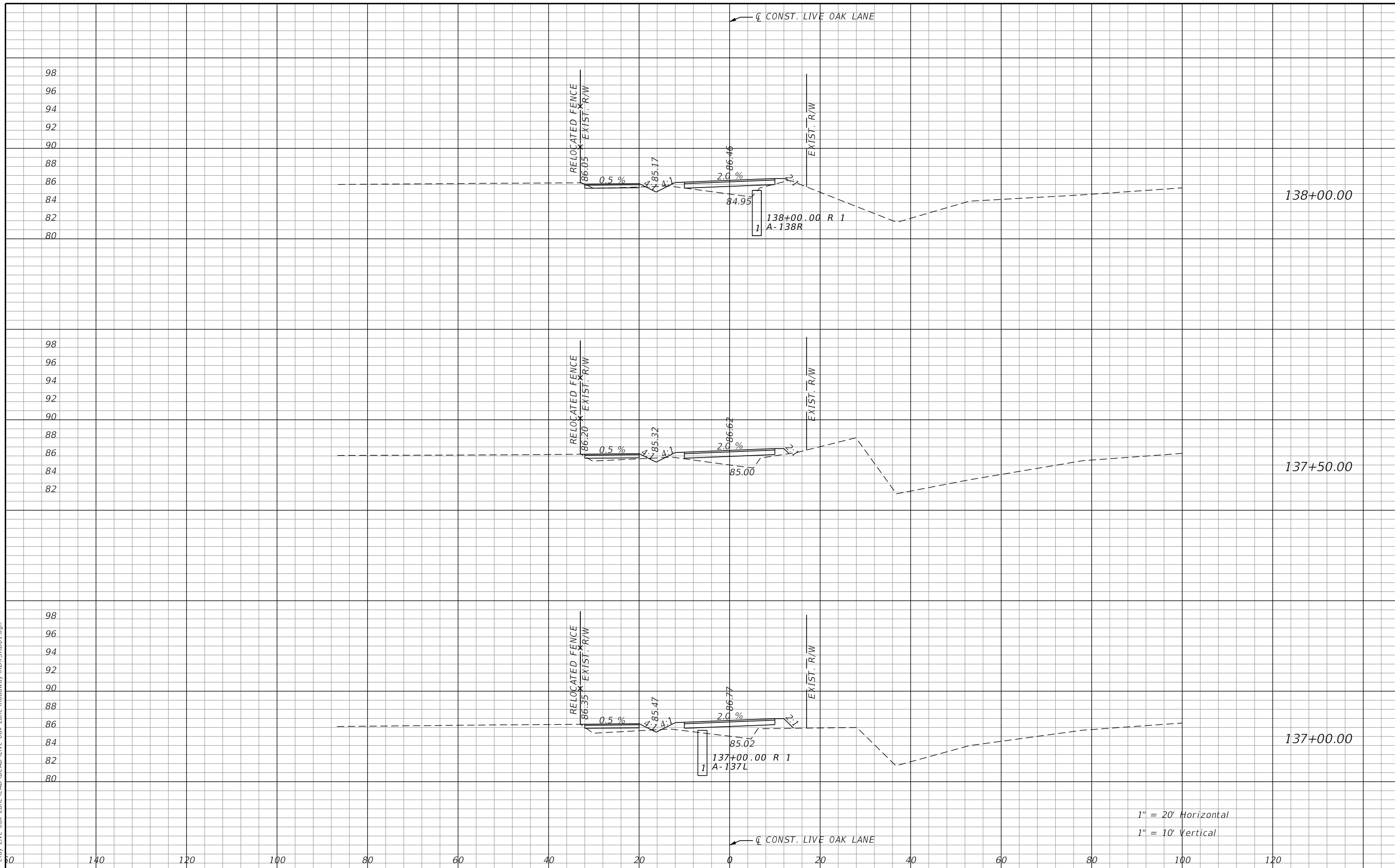
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ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

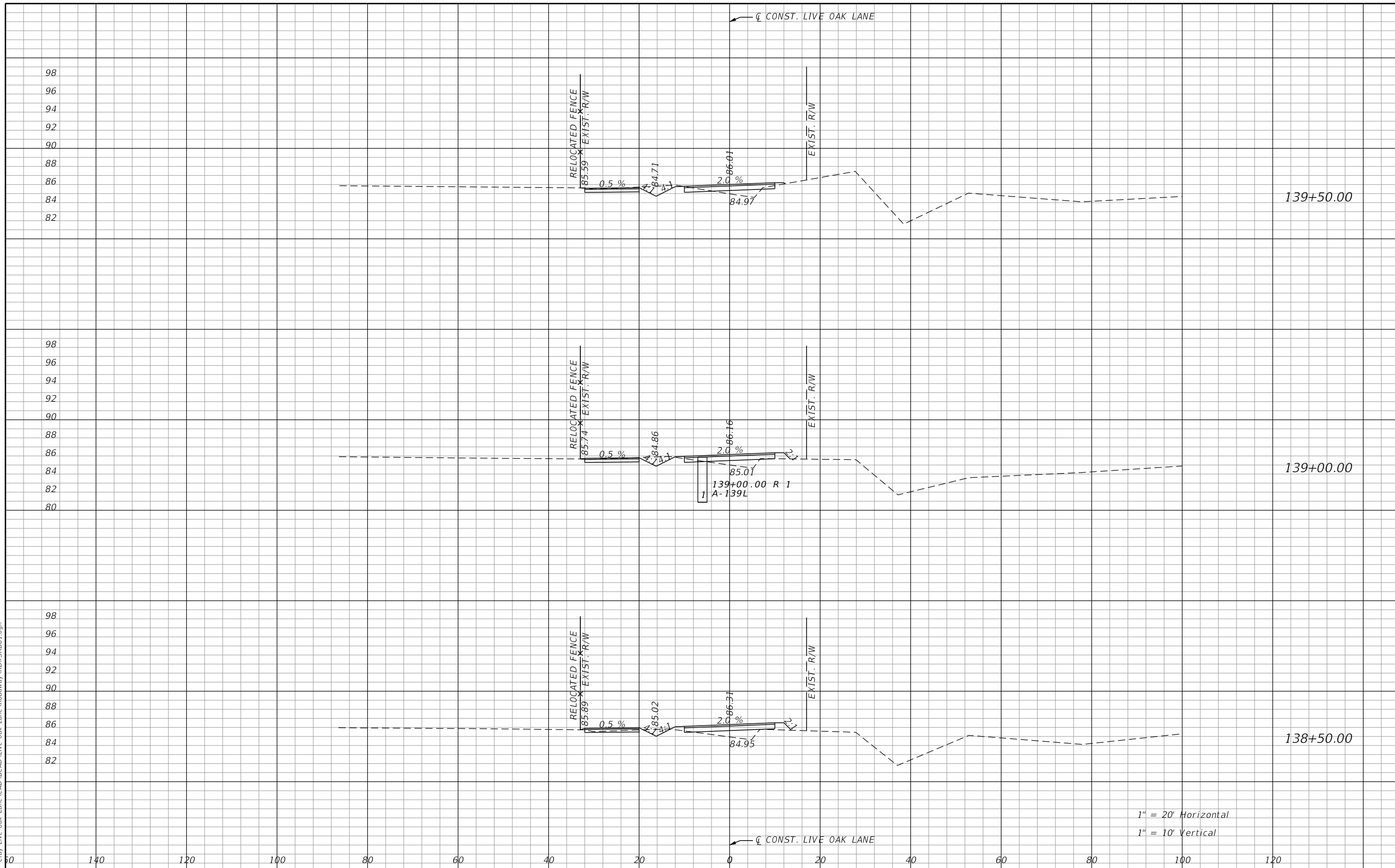
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 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



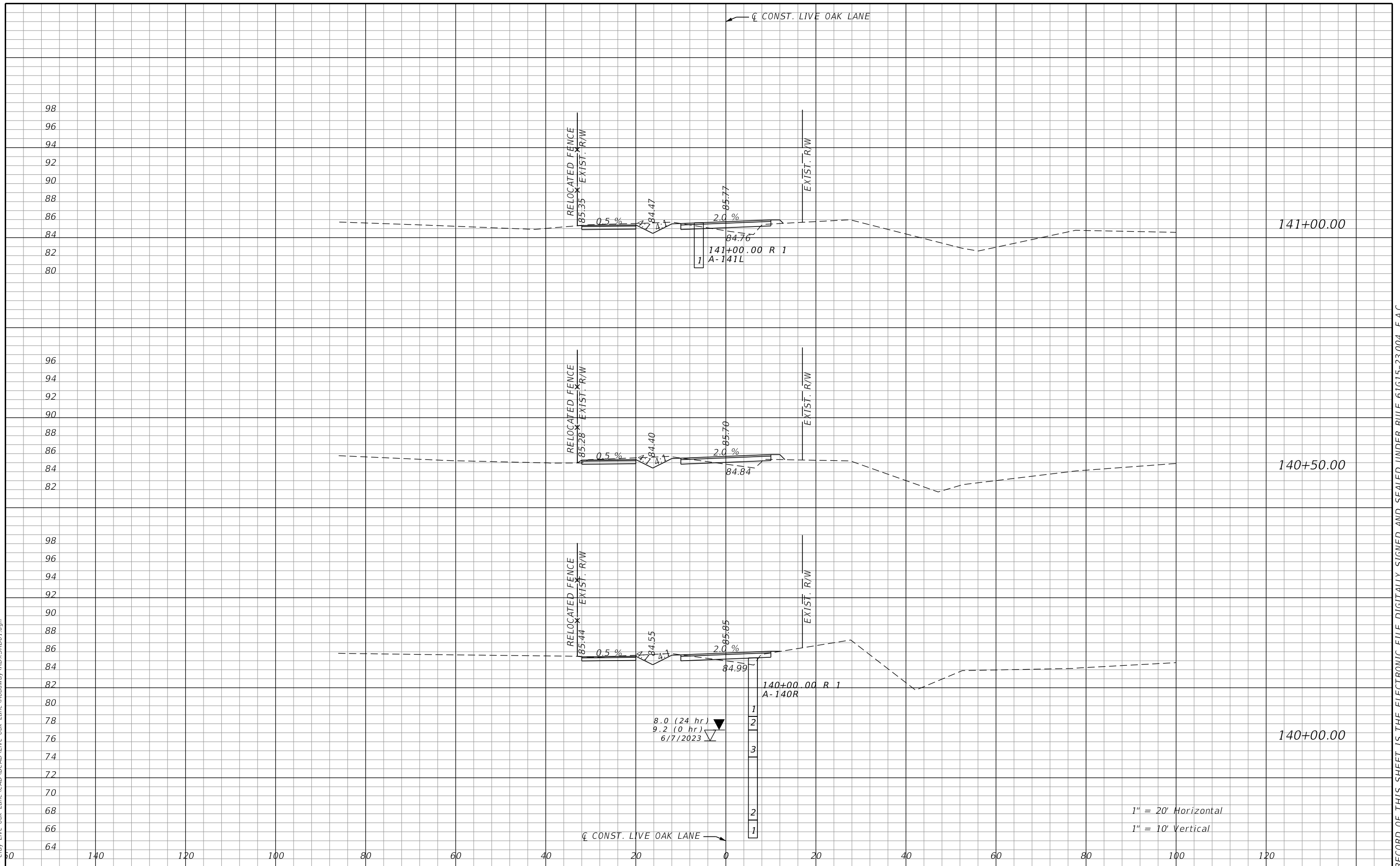
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 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



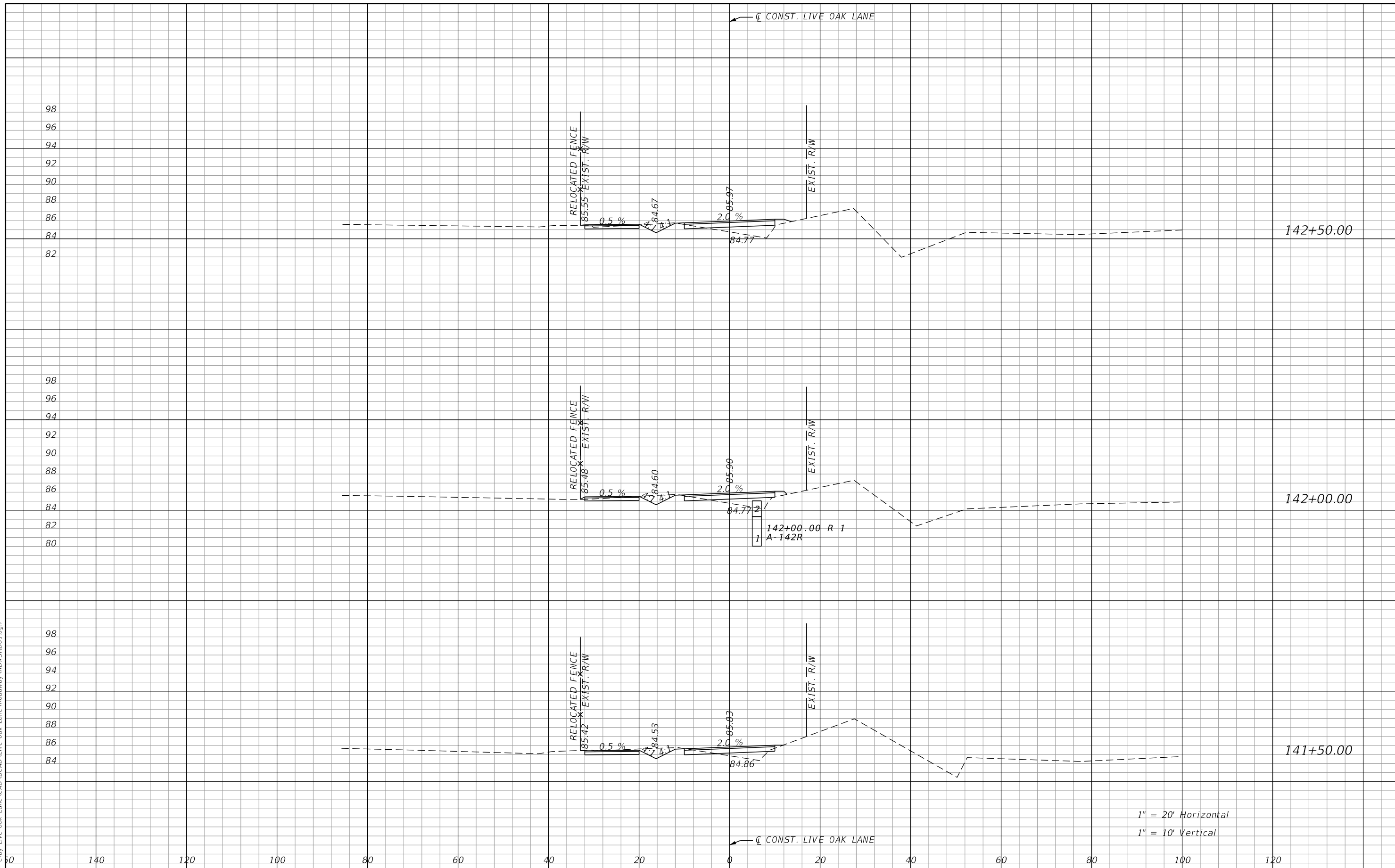
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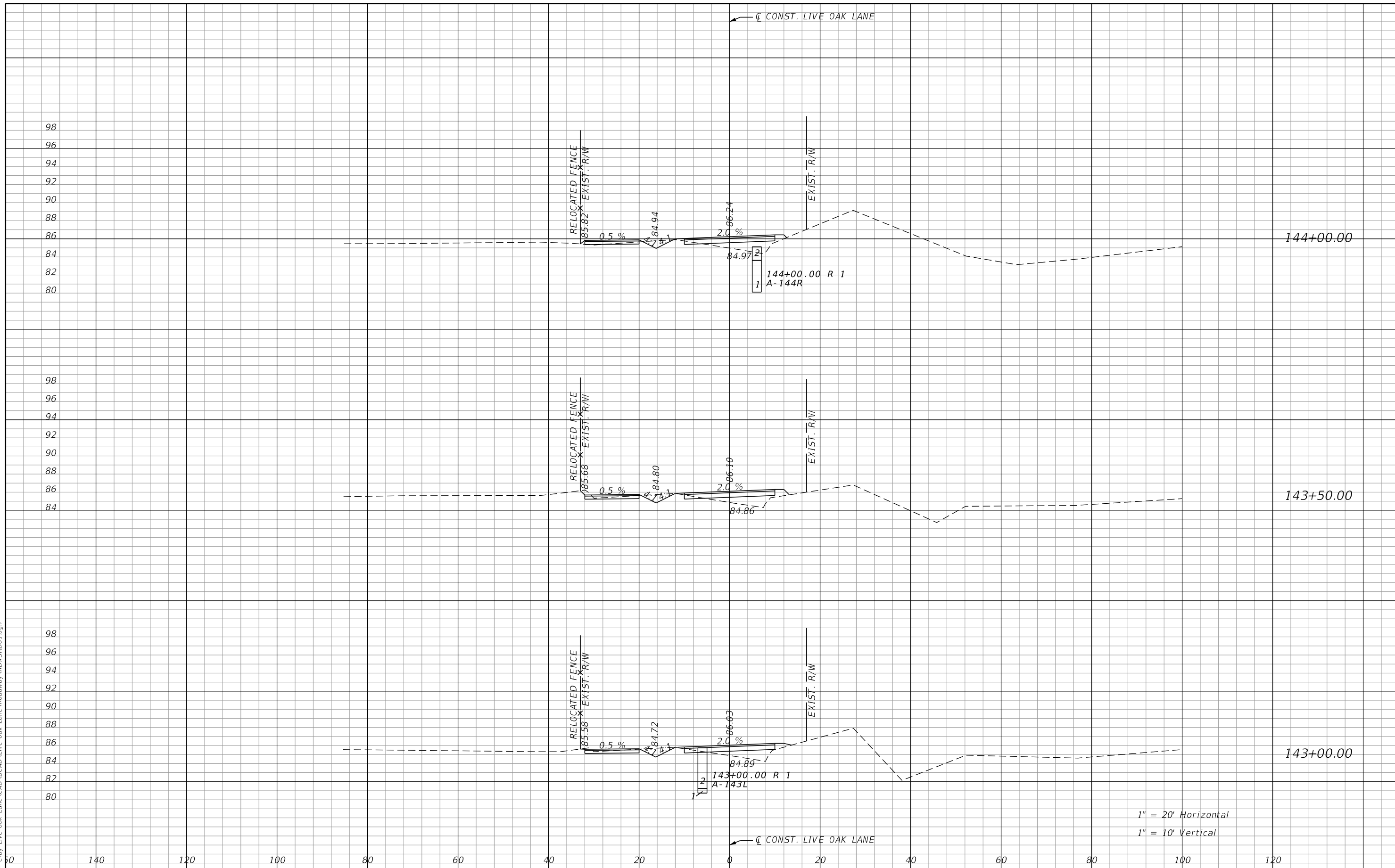
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 ROBERT B. JAMIESON
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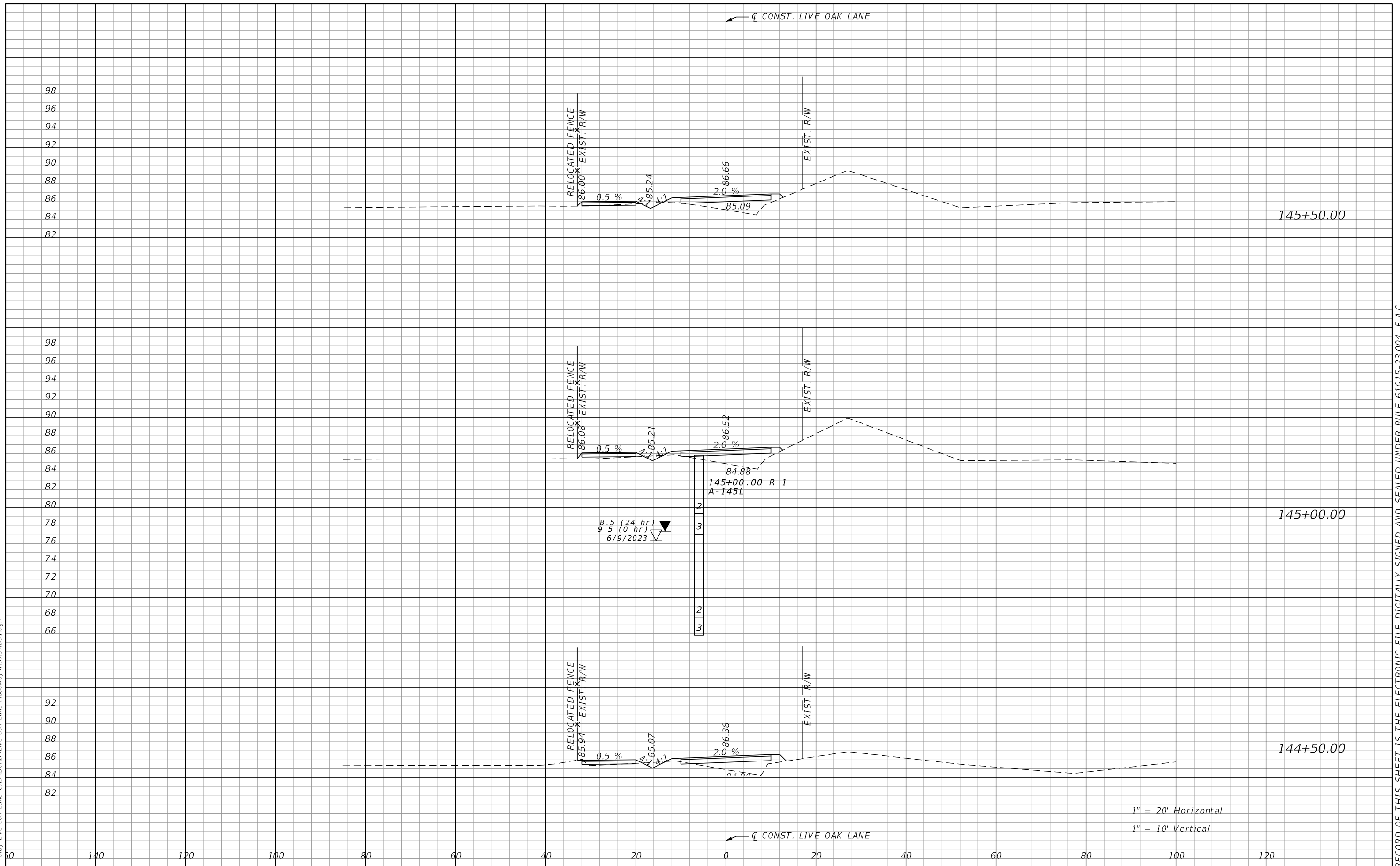
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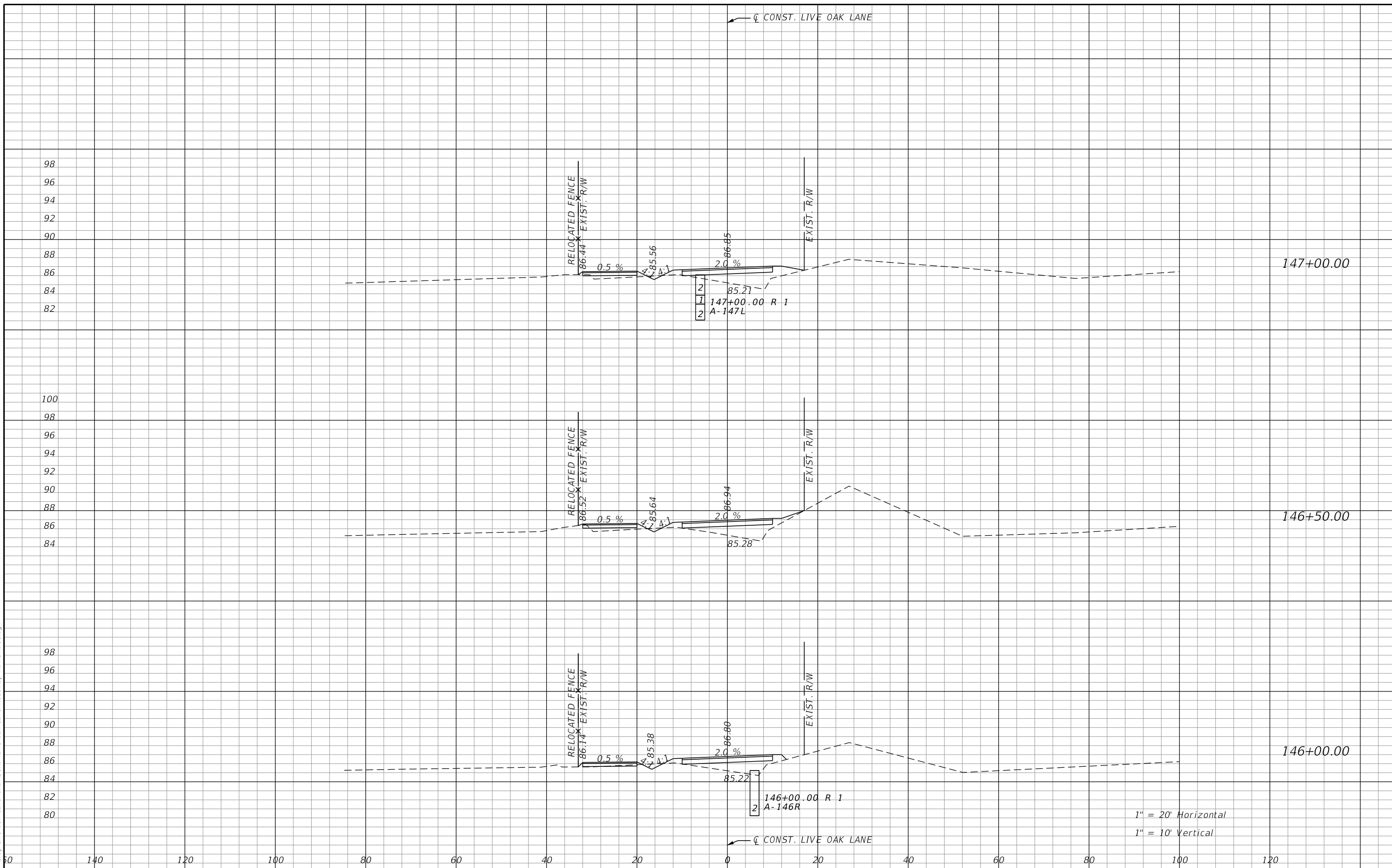
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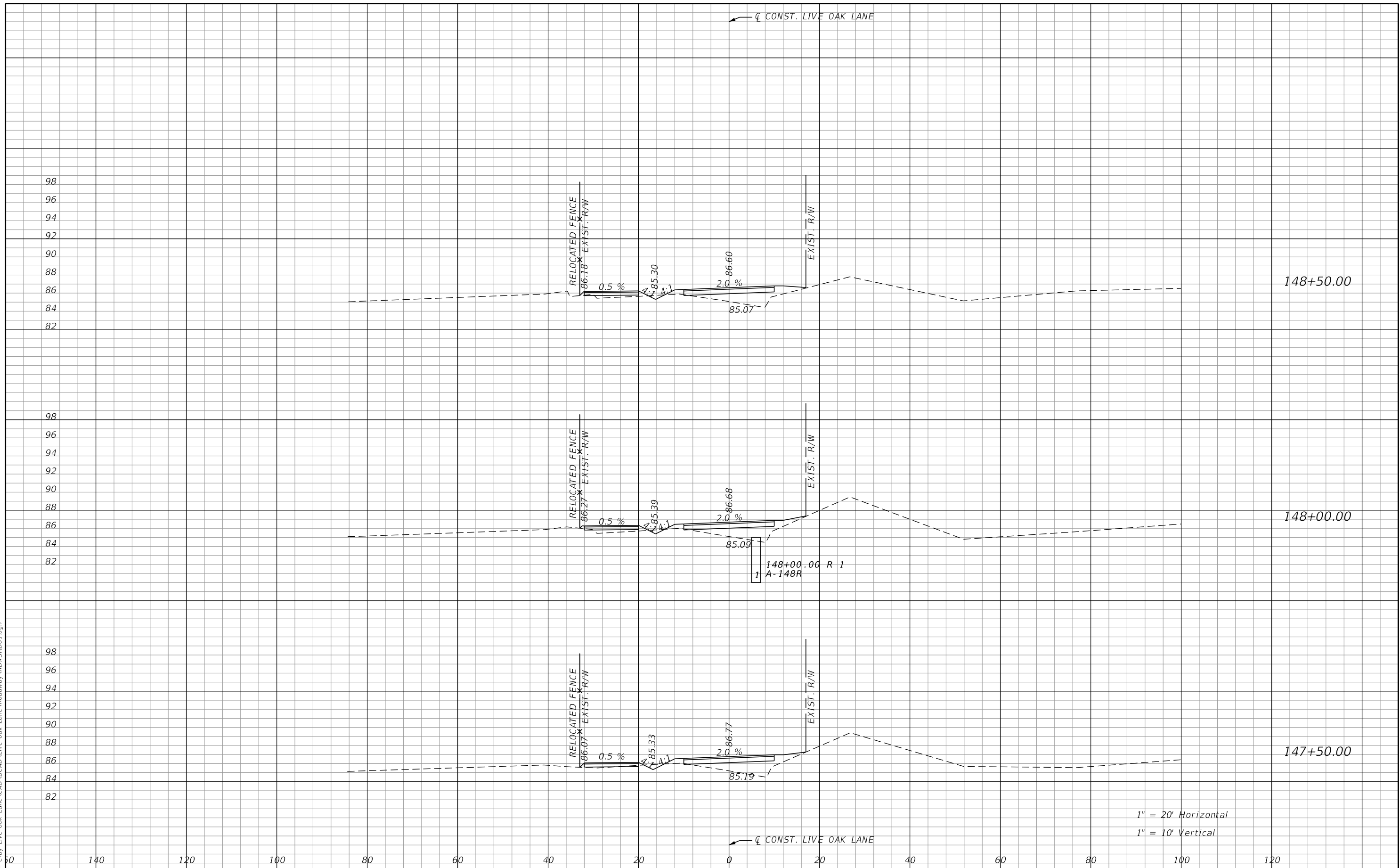


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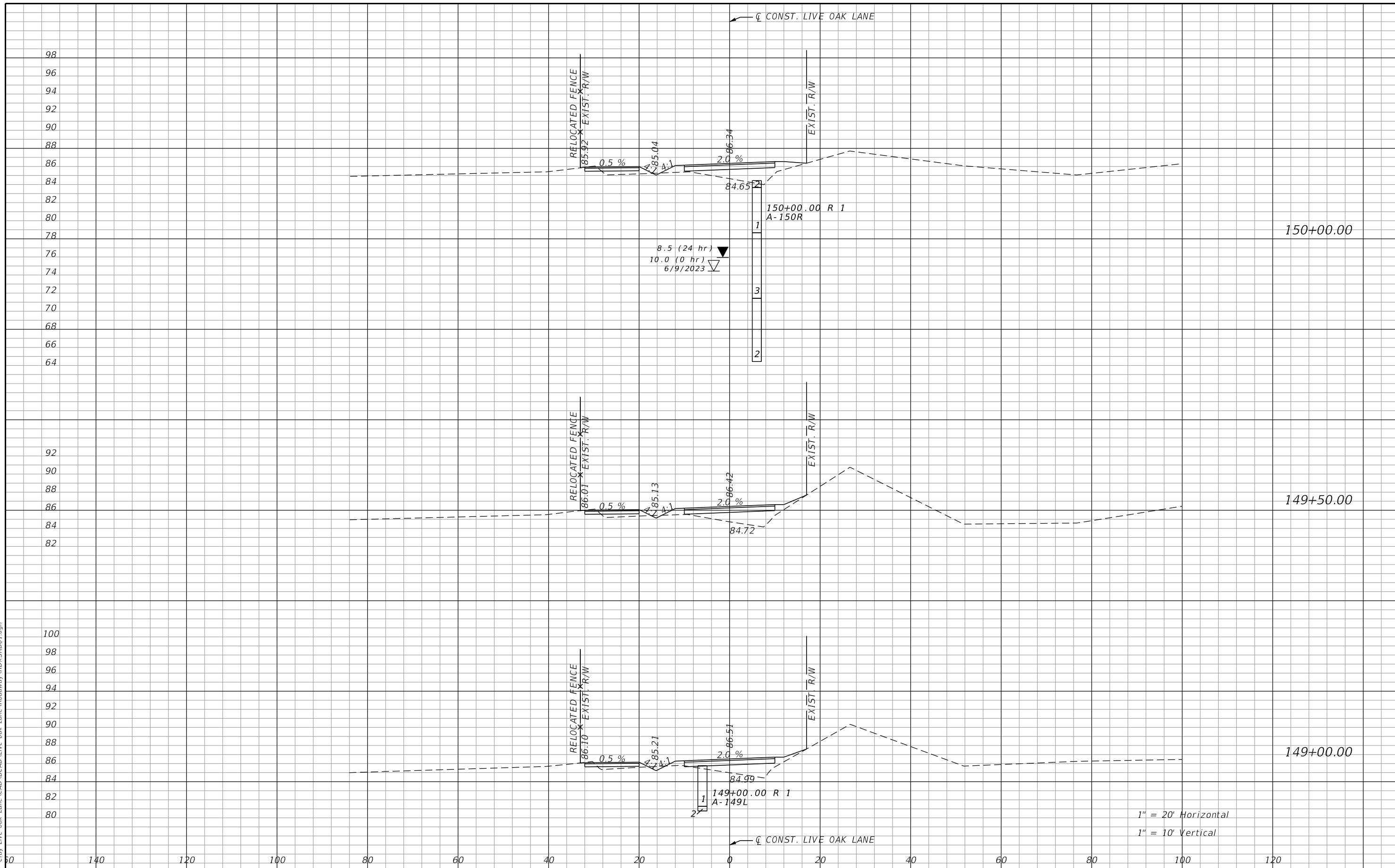
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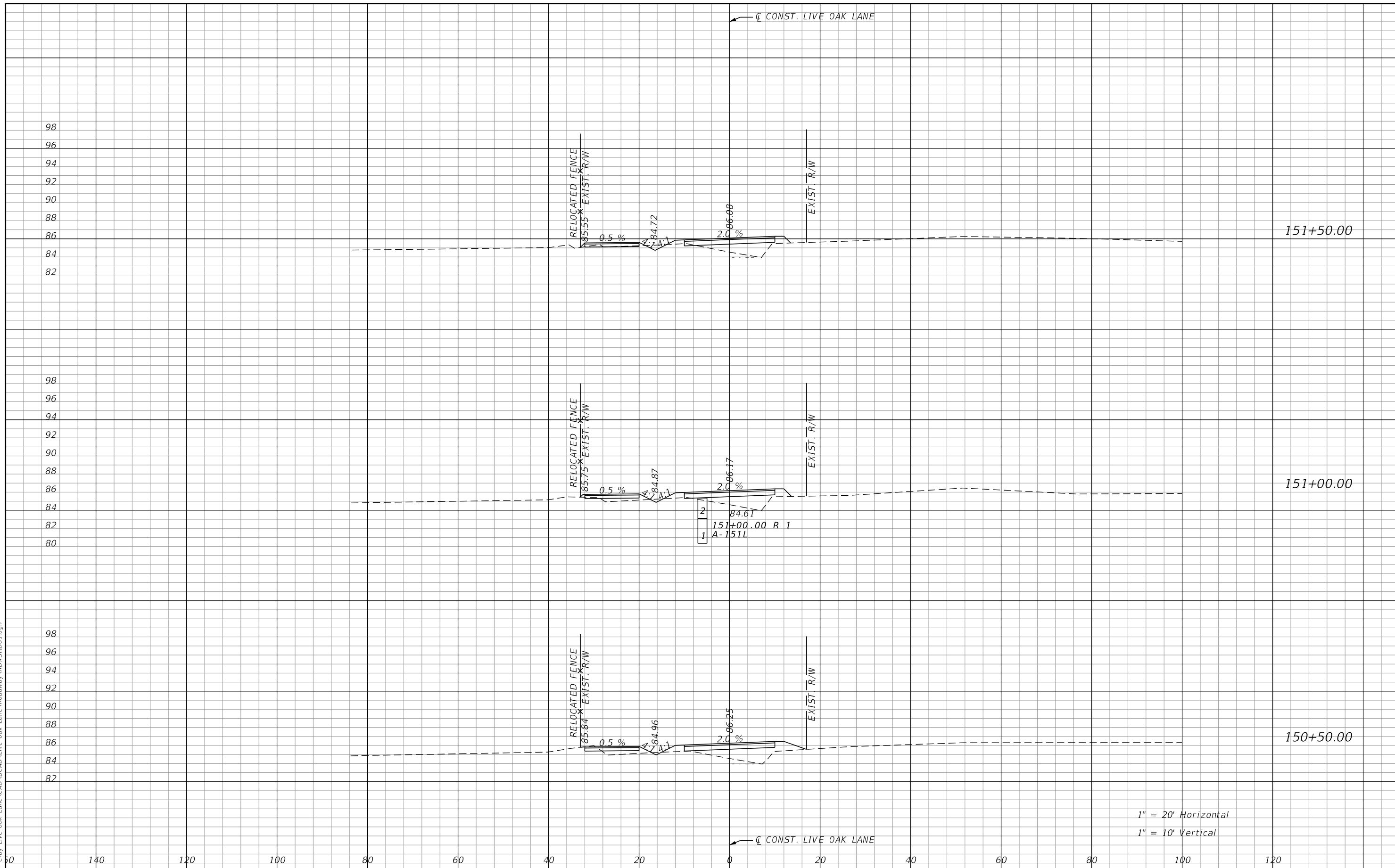
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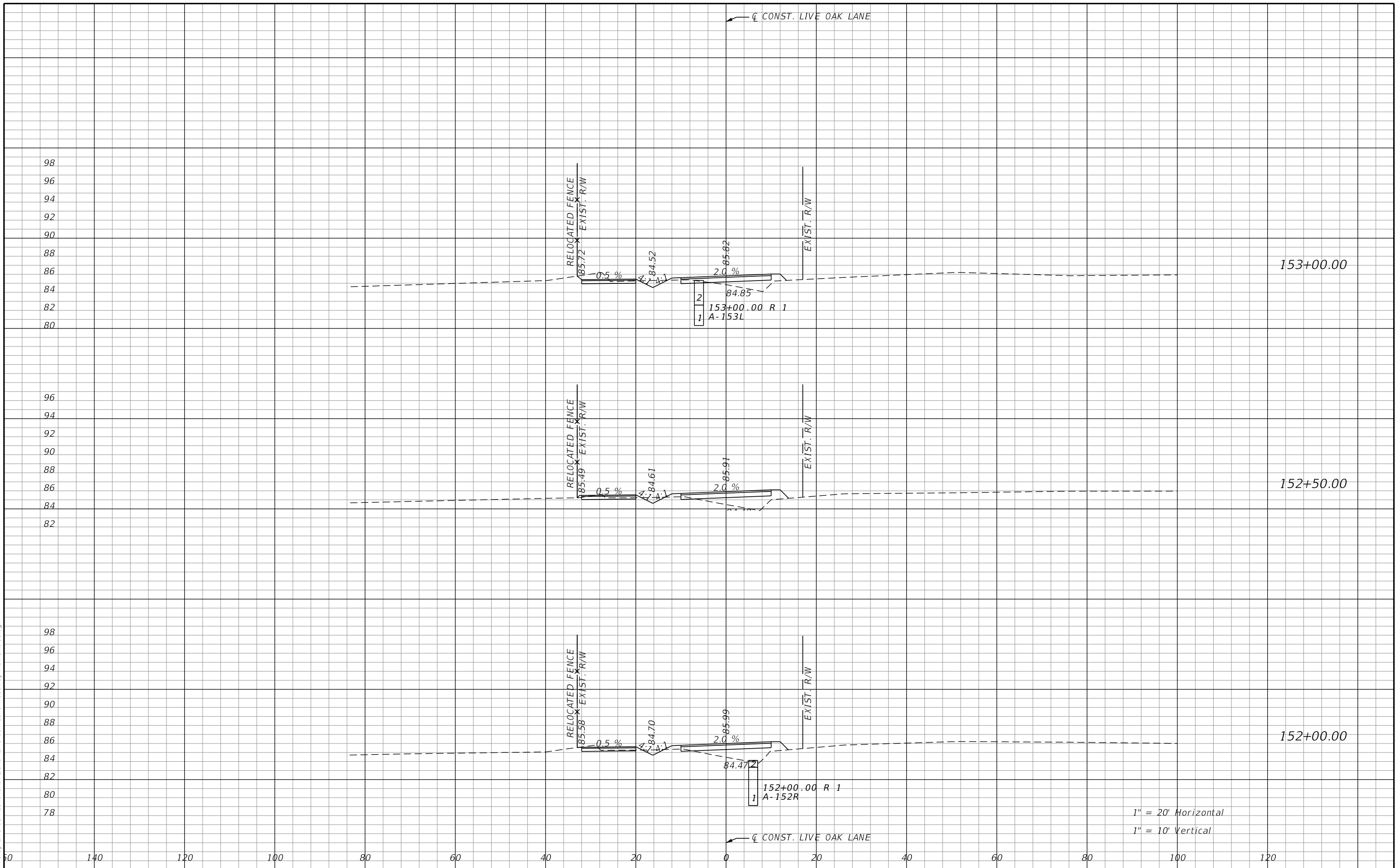
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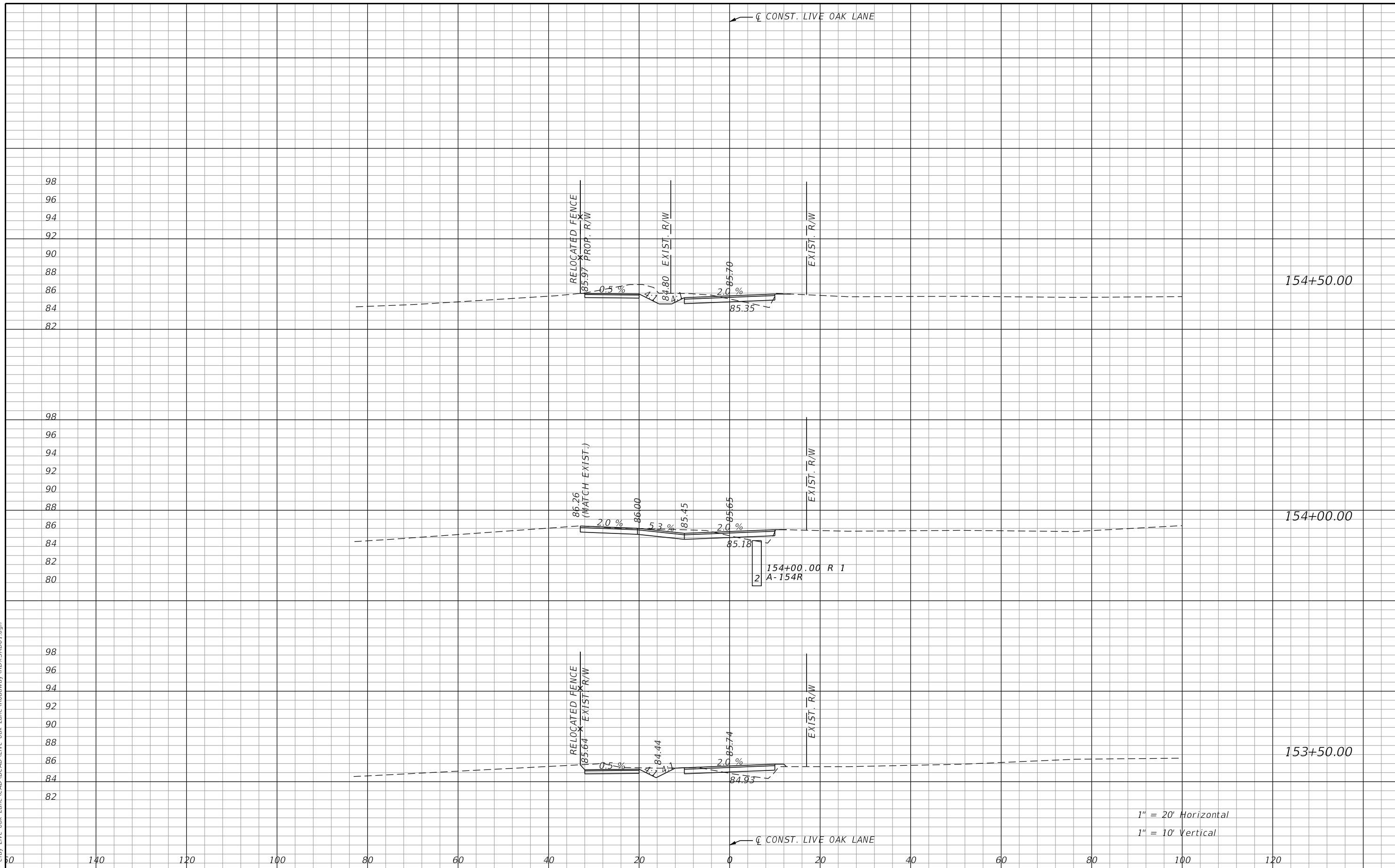
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 JACKSONVILLE, FL 32258



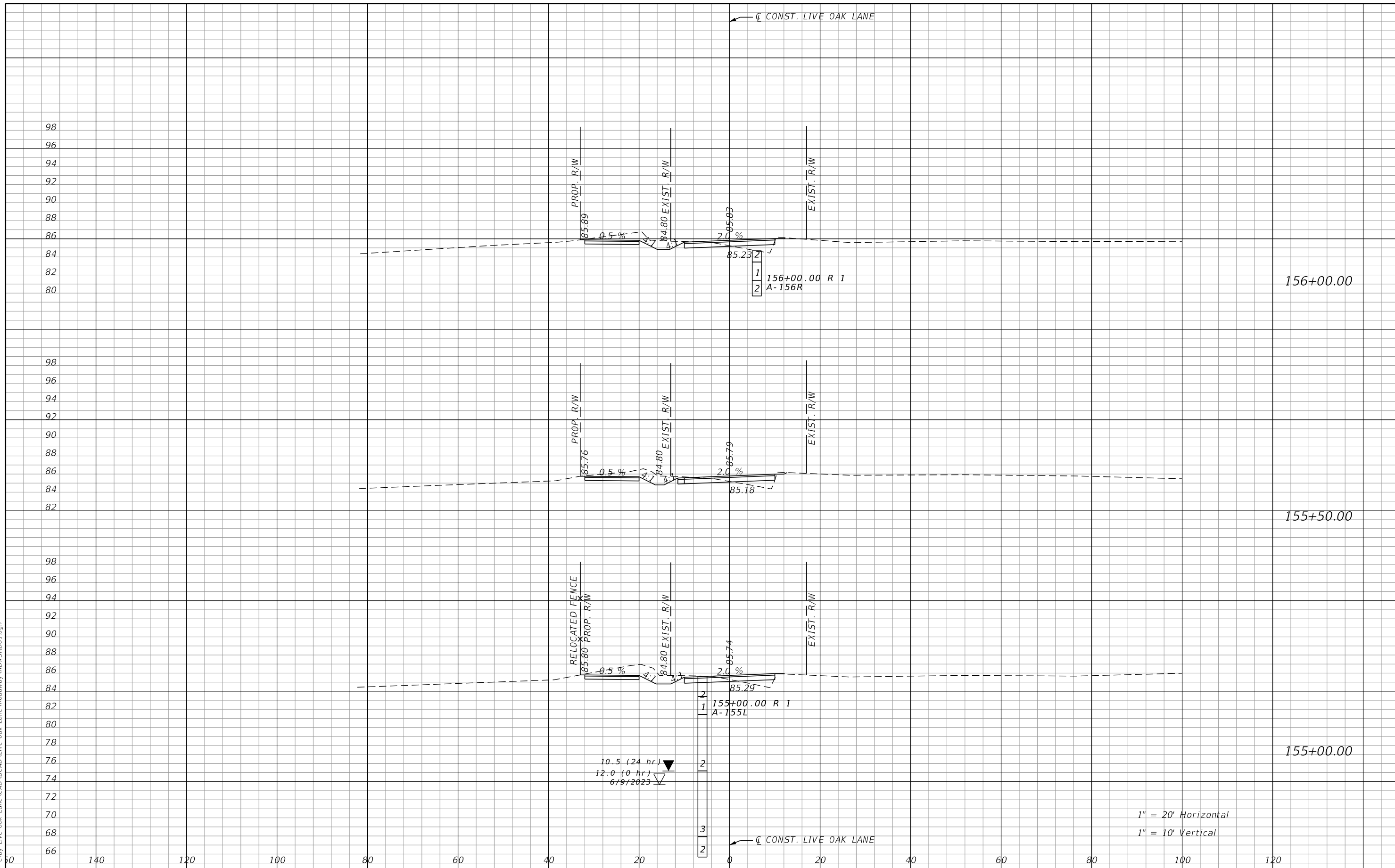
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 JACKSONVILLE, FL 32258

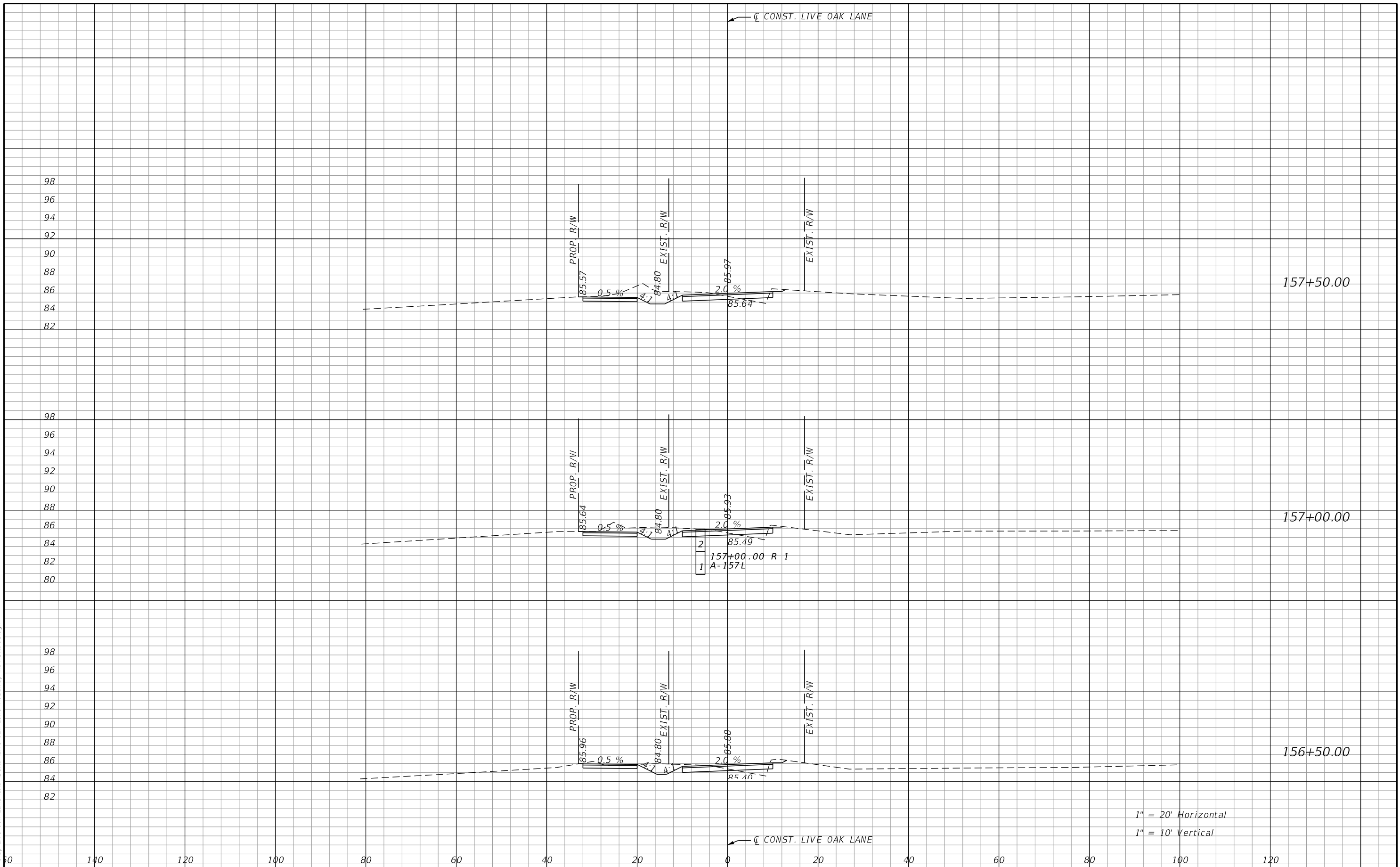
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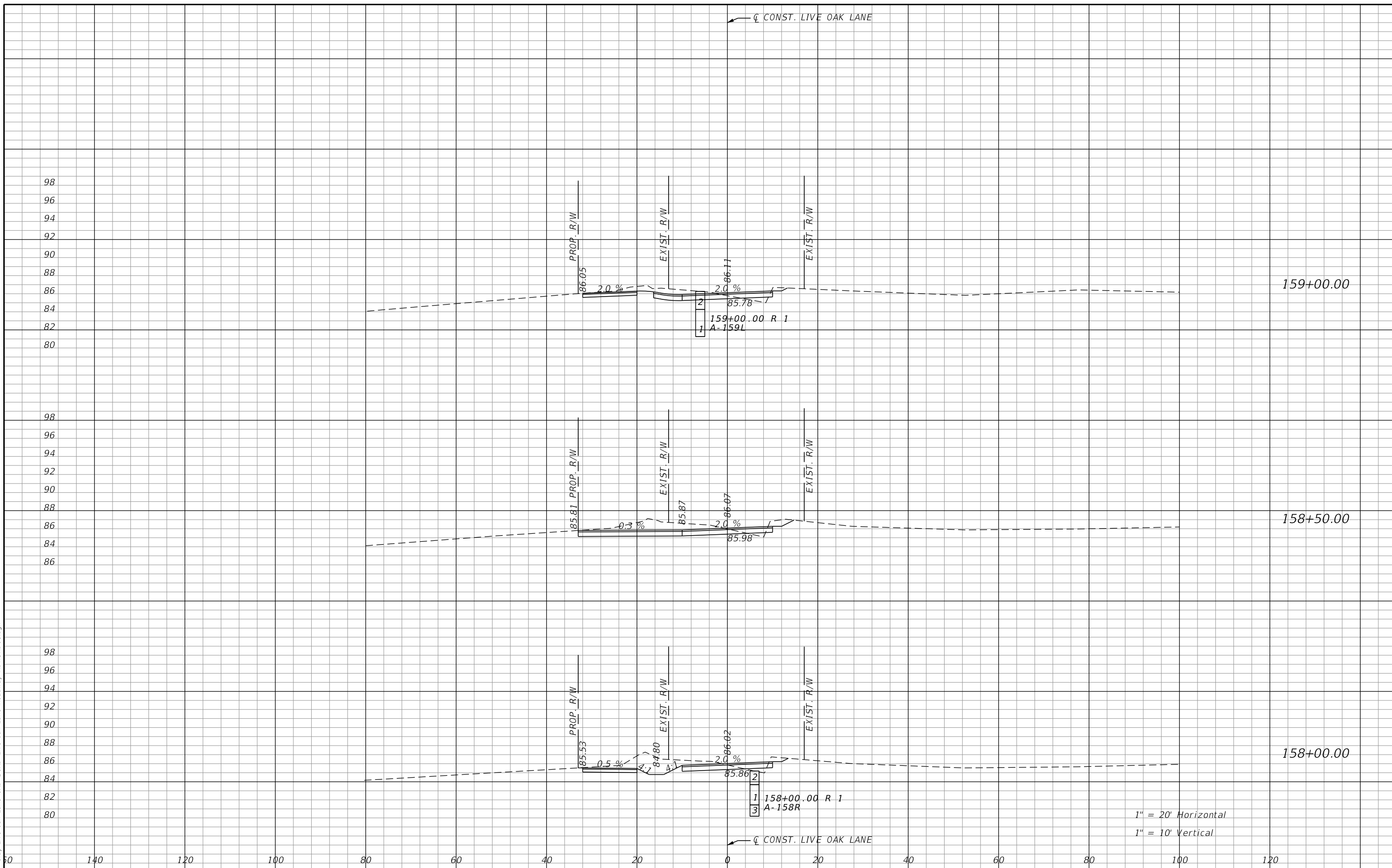


1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS		REVISIONS		ENGINEER OF RECORD		PREPARED FOR:		<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <p>CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS</p> </div> </div>		<p><i>CROSS SECTIONS</i></p>	
DATE	DESCRIPTION	DATE	DESCRIPTION	<p>ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258</p>						<p>SHEET NO.</p> <p>62</p>	

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REVISIONS	
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ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



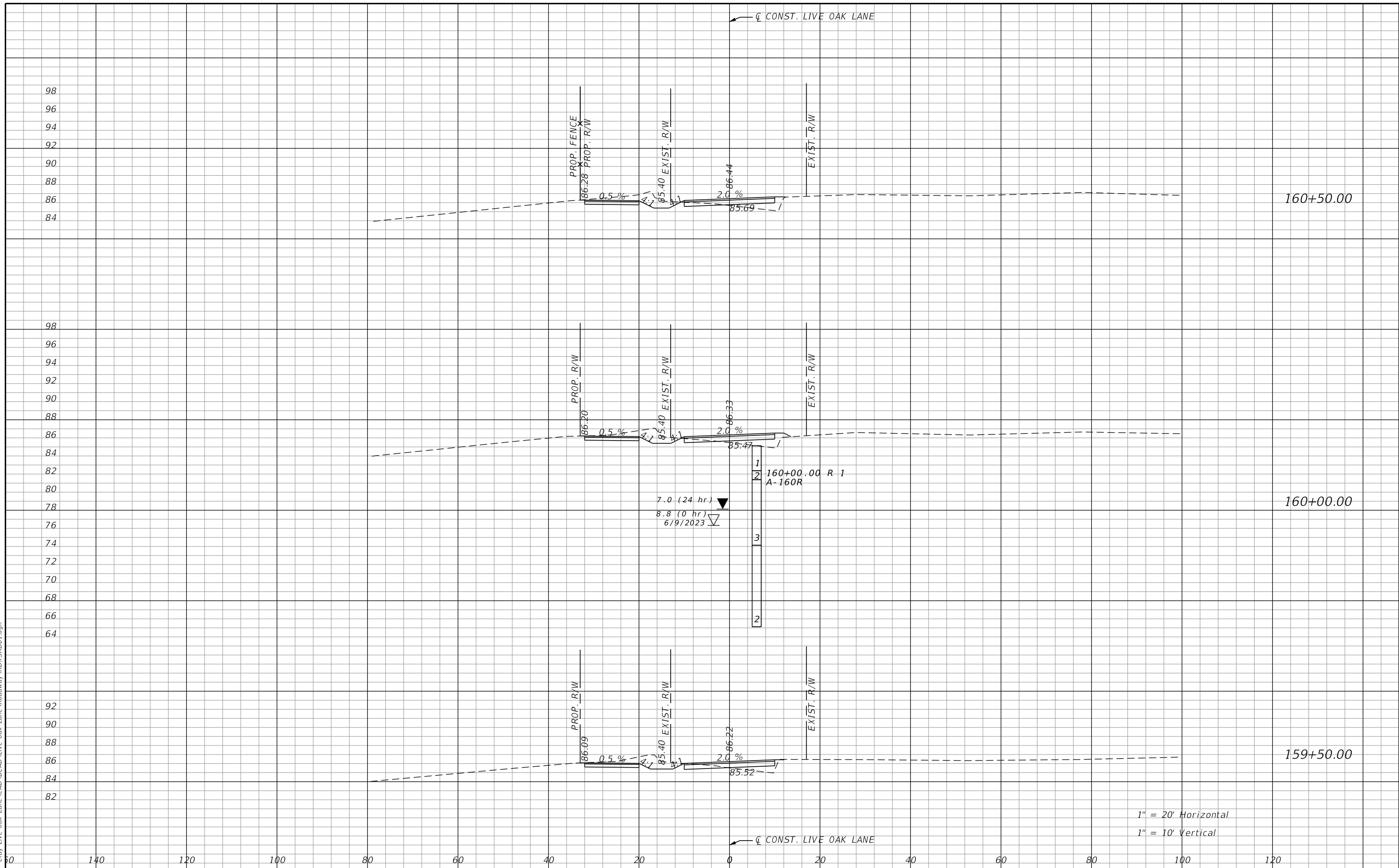
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 JACKSONVILLE, FL 32258

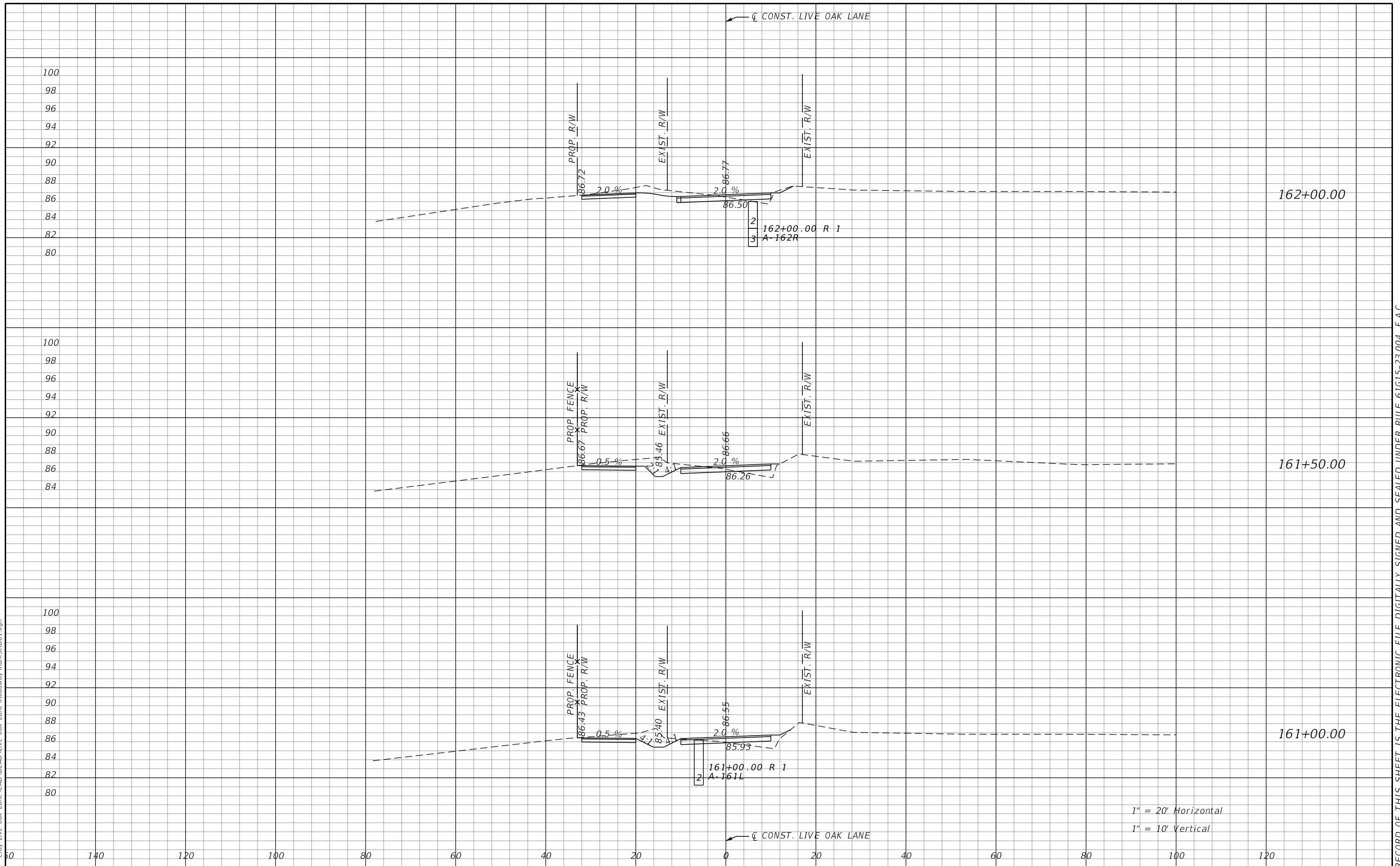
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 JACKSONVILLE, FL 32258



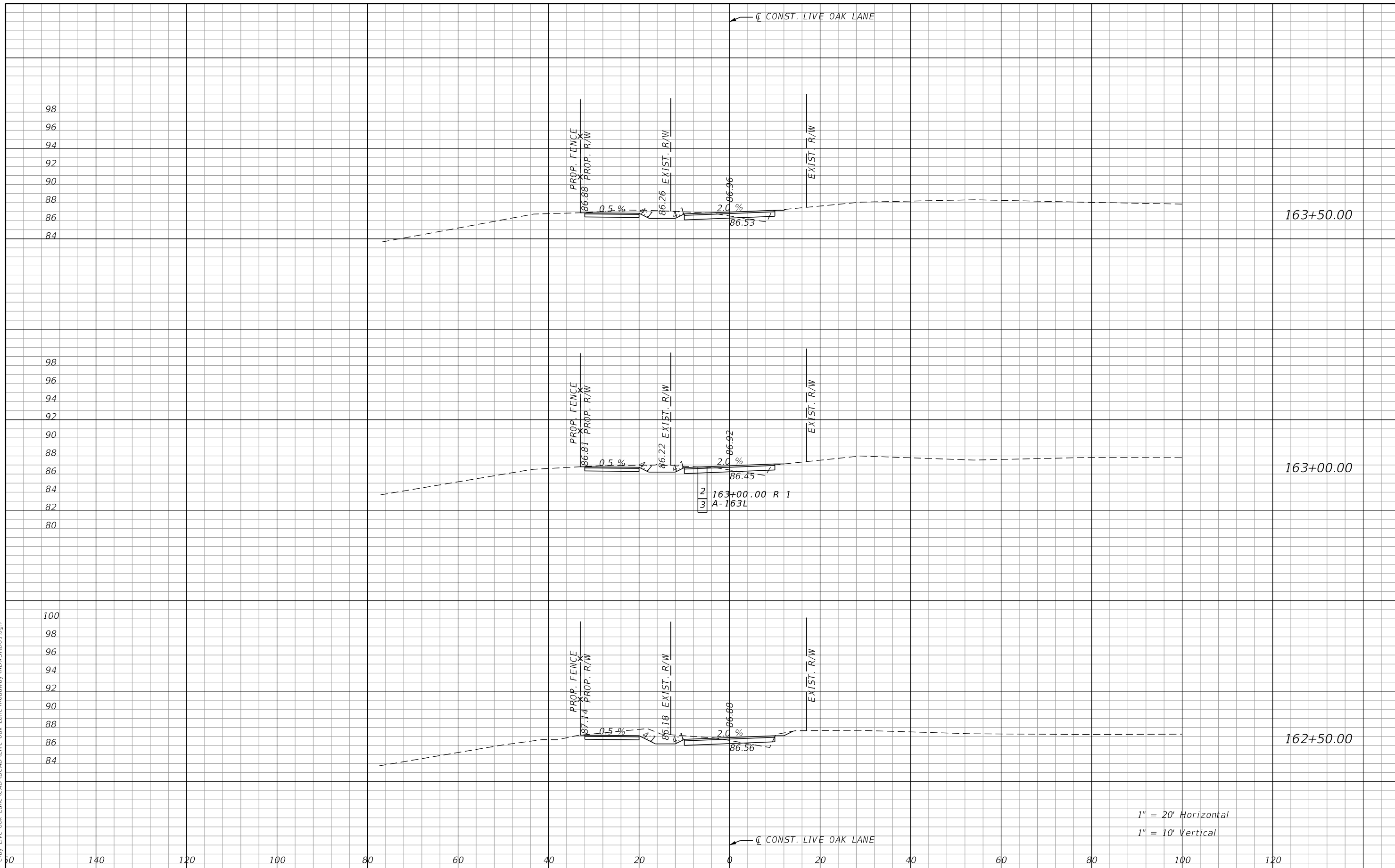
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 ROBERT B. JAMIESON
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 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



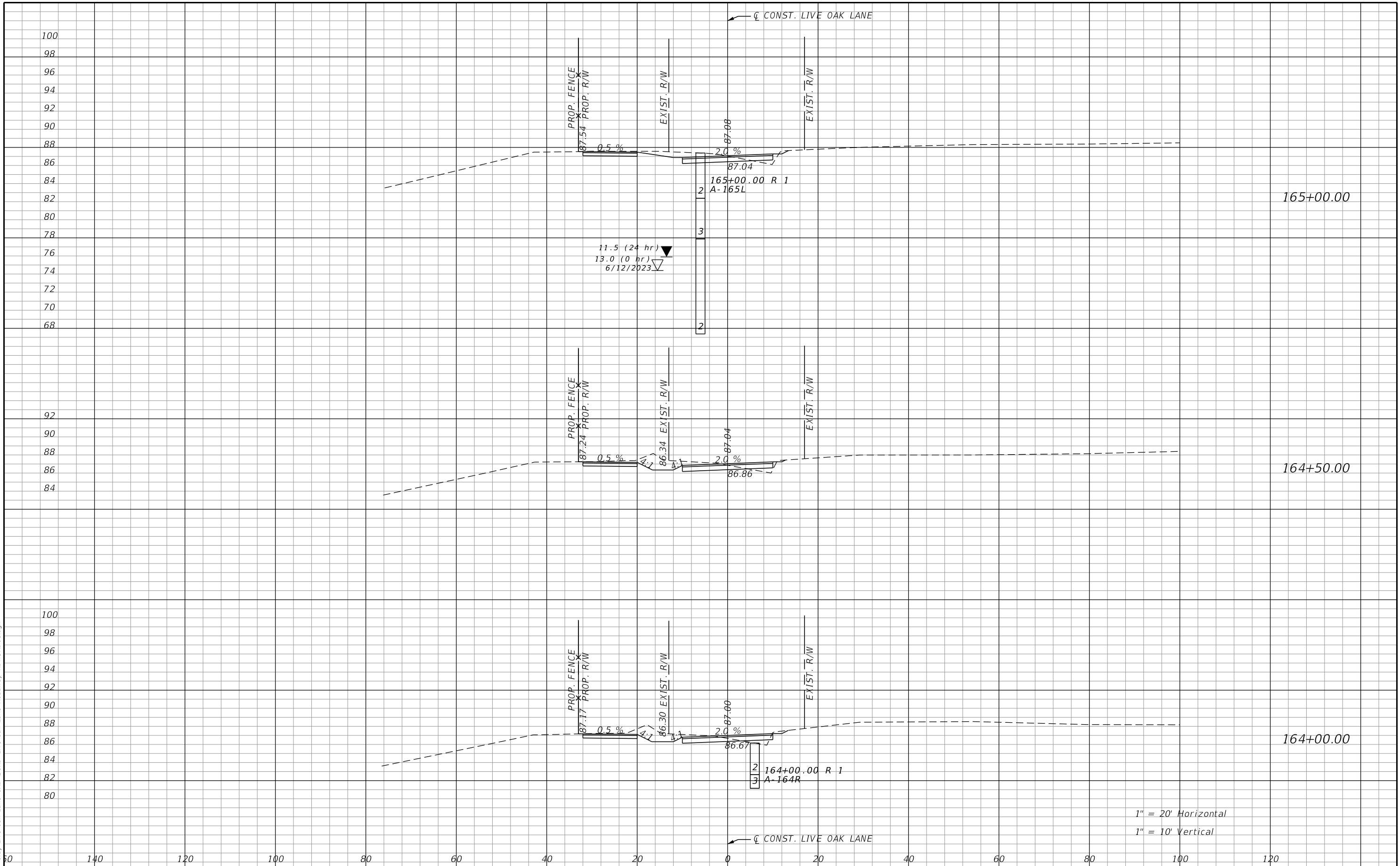
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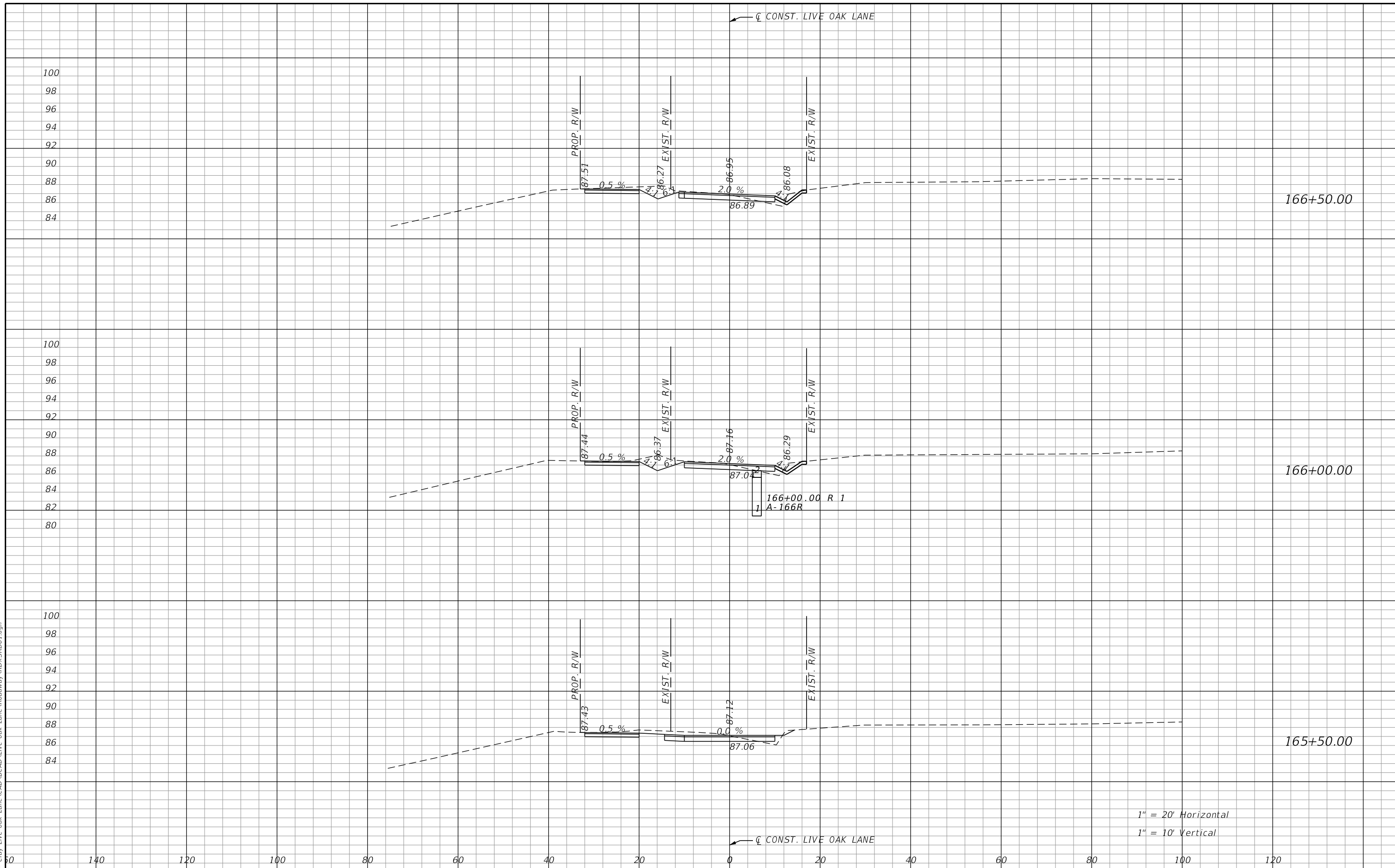


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DATE	DESCRIPTION	DATE	DESCRIPTION	<div style="font-weight: bold;">CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS</div>		
				ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		67

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 JACKSONVILLE, FL 32258



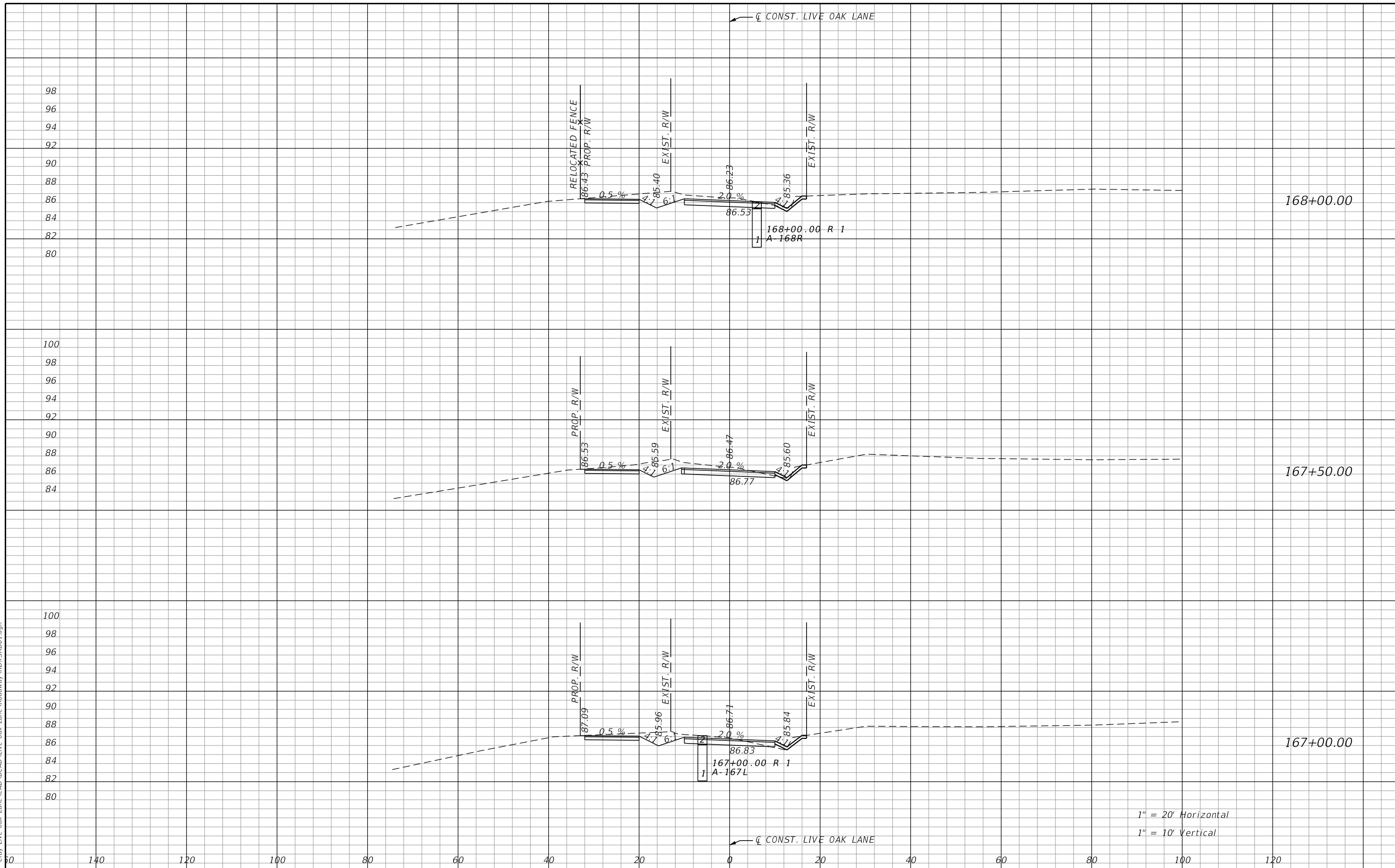
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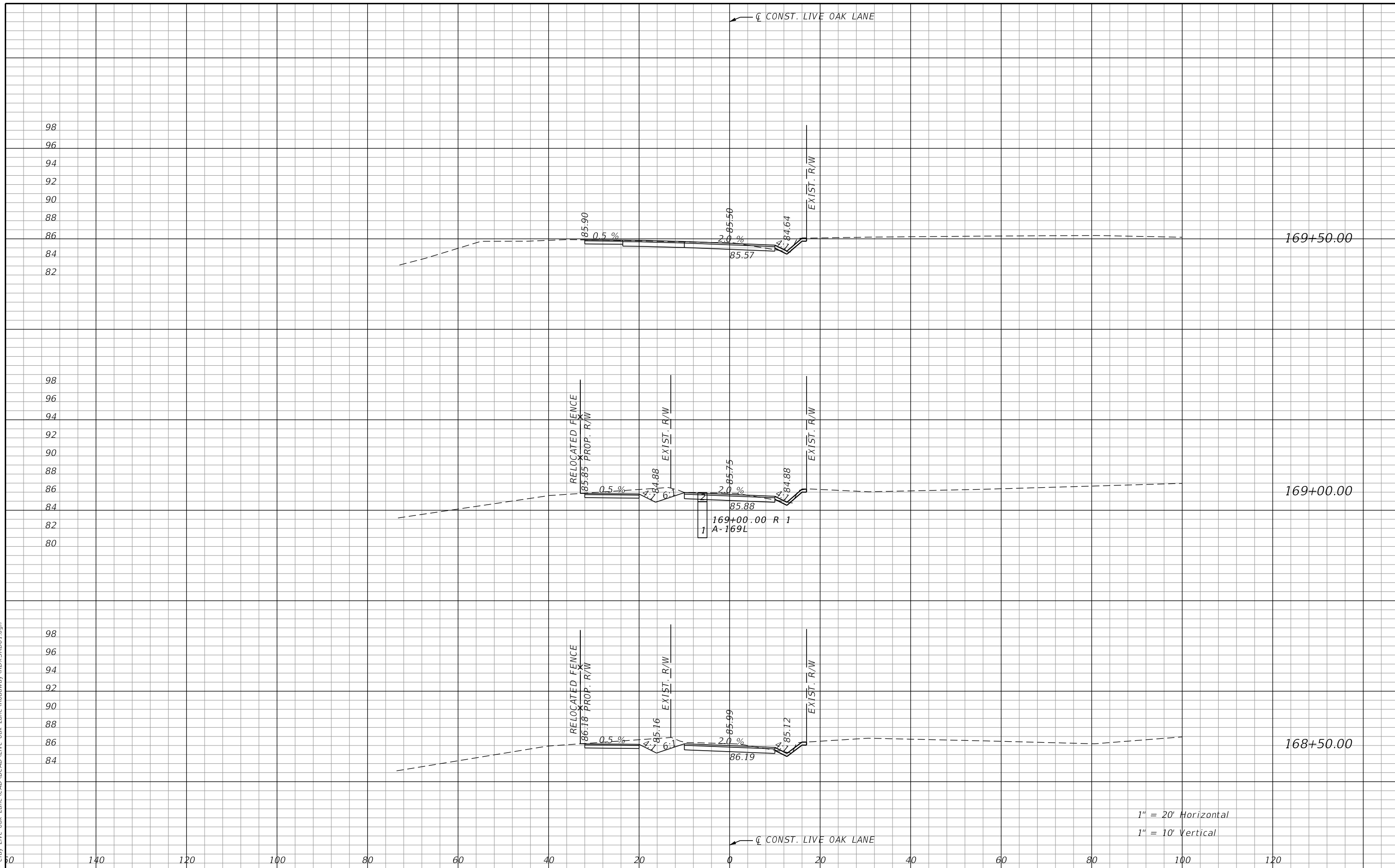
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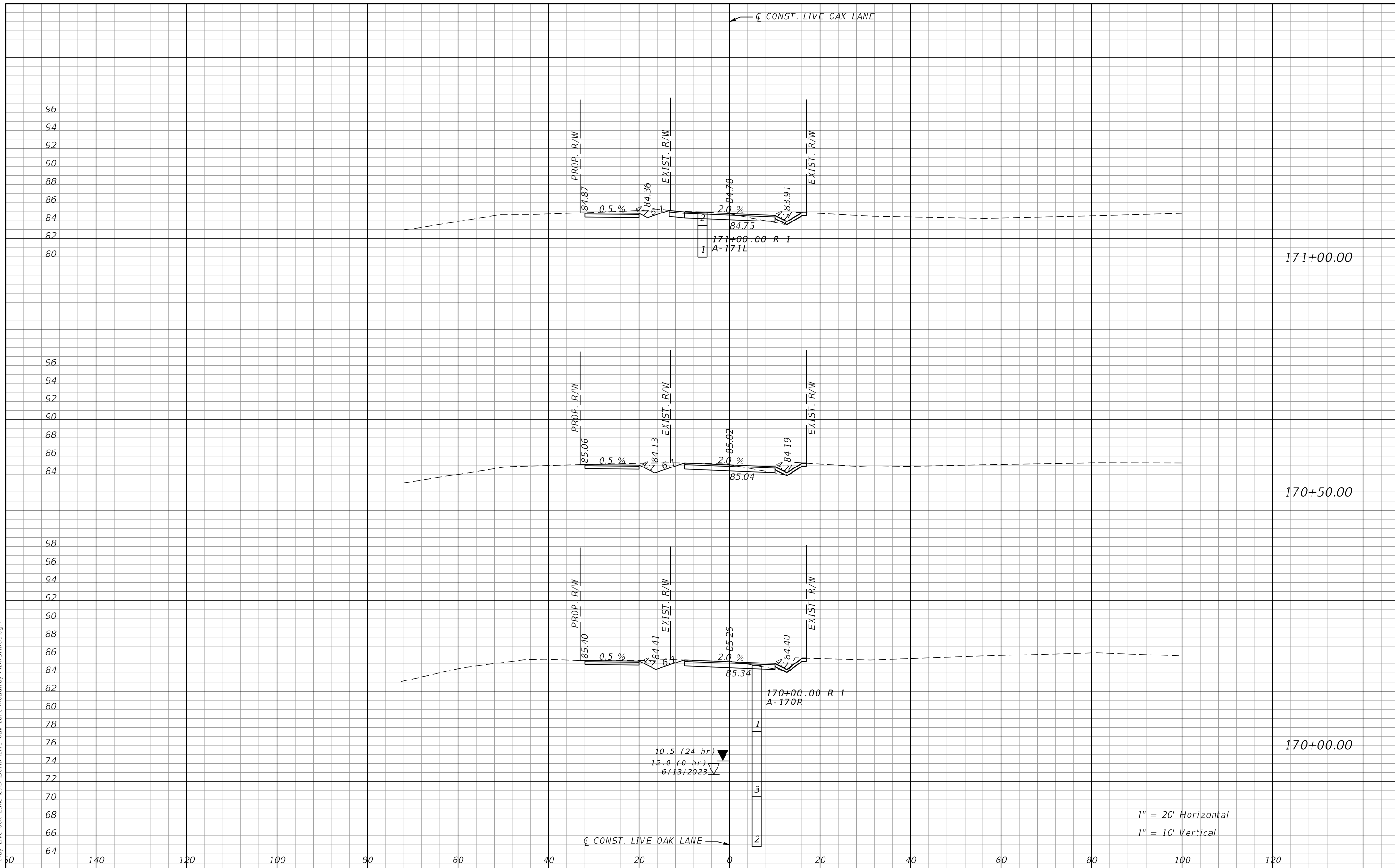
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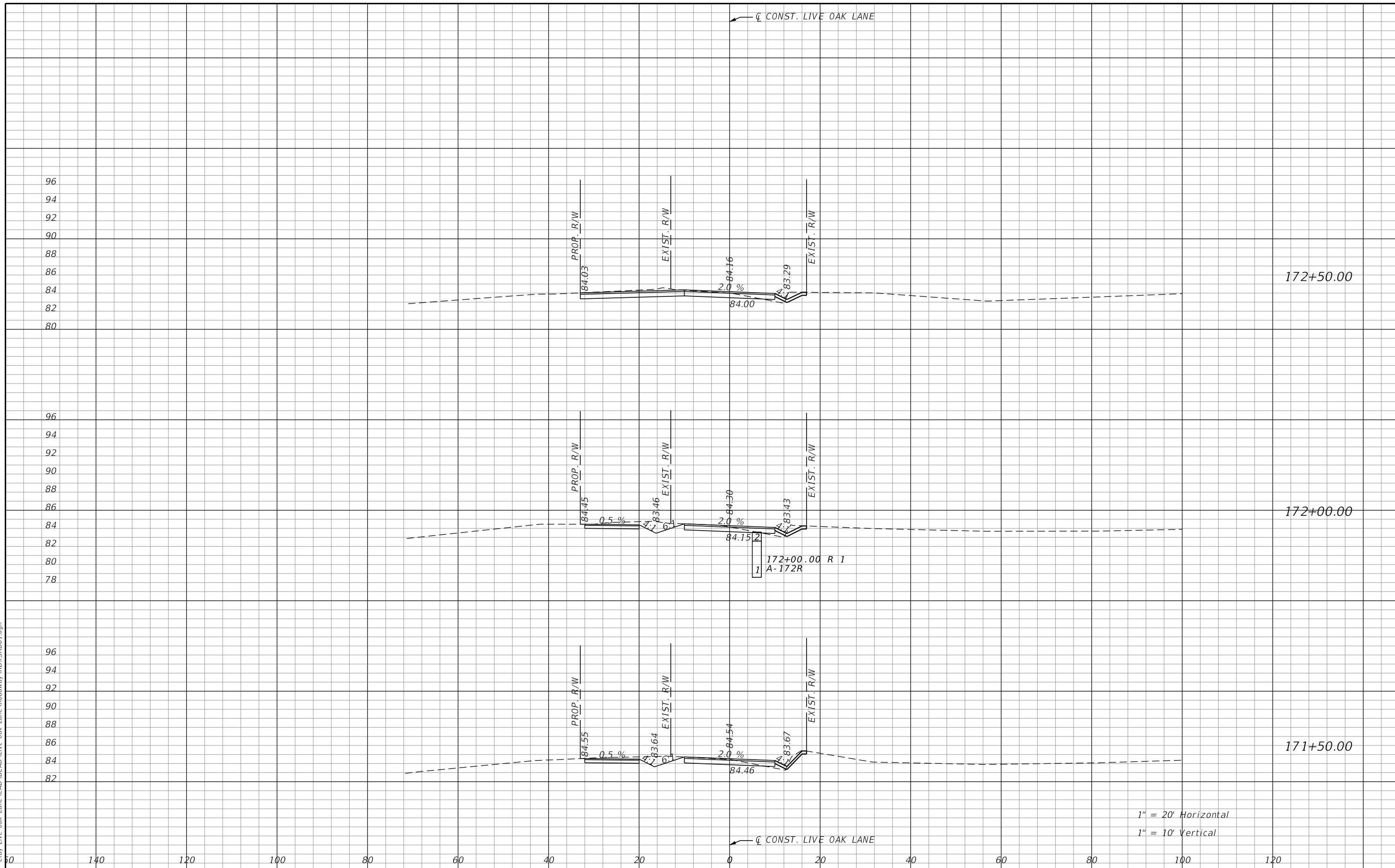
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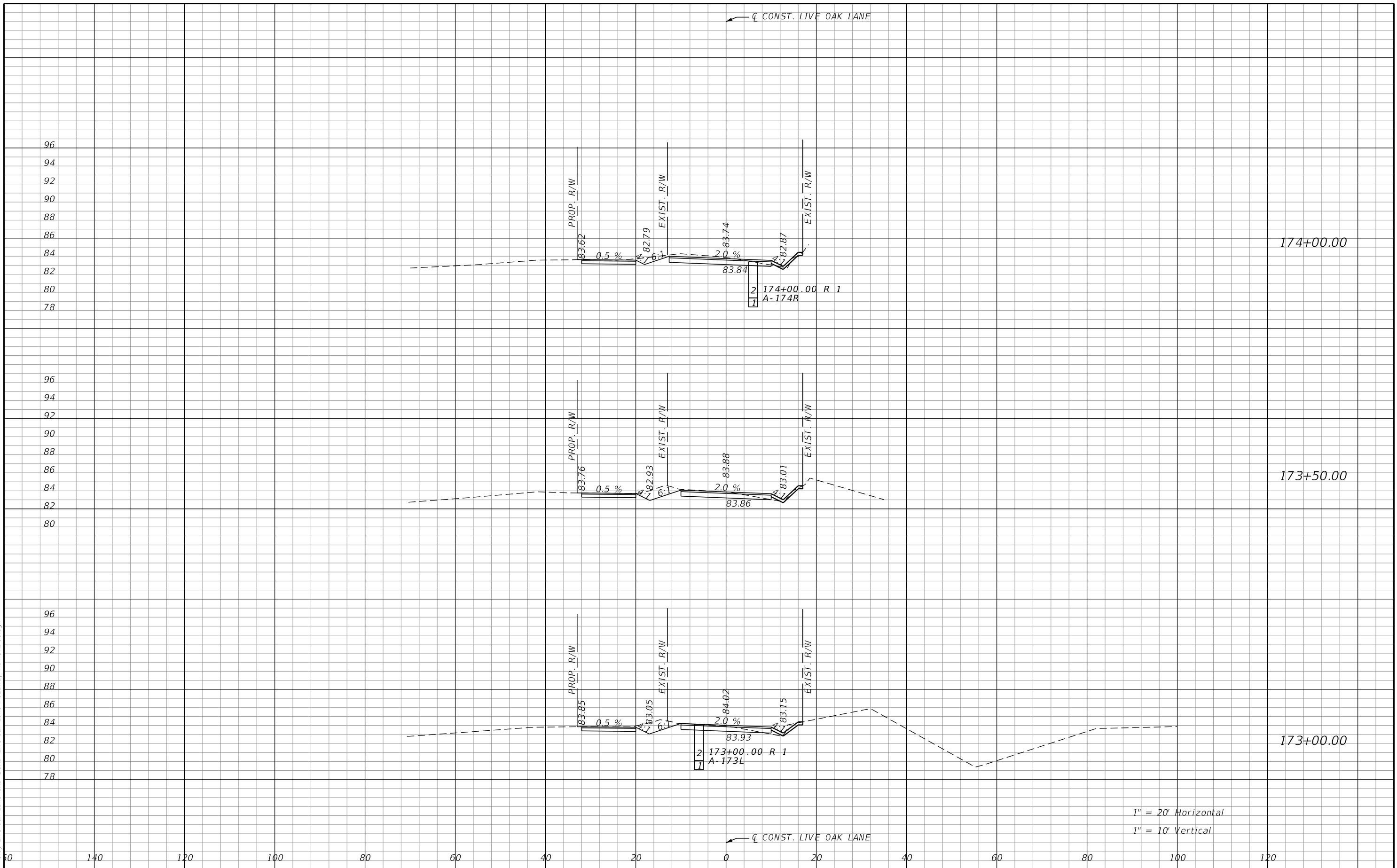
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 JACKSONVILLE, FL 32258

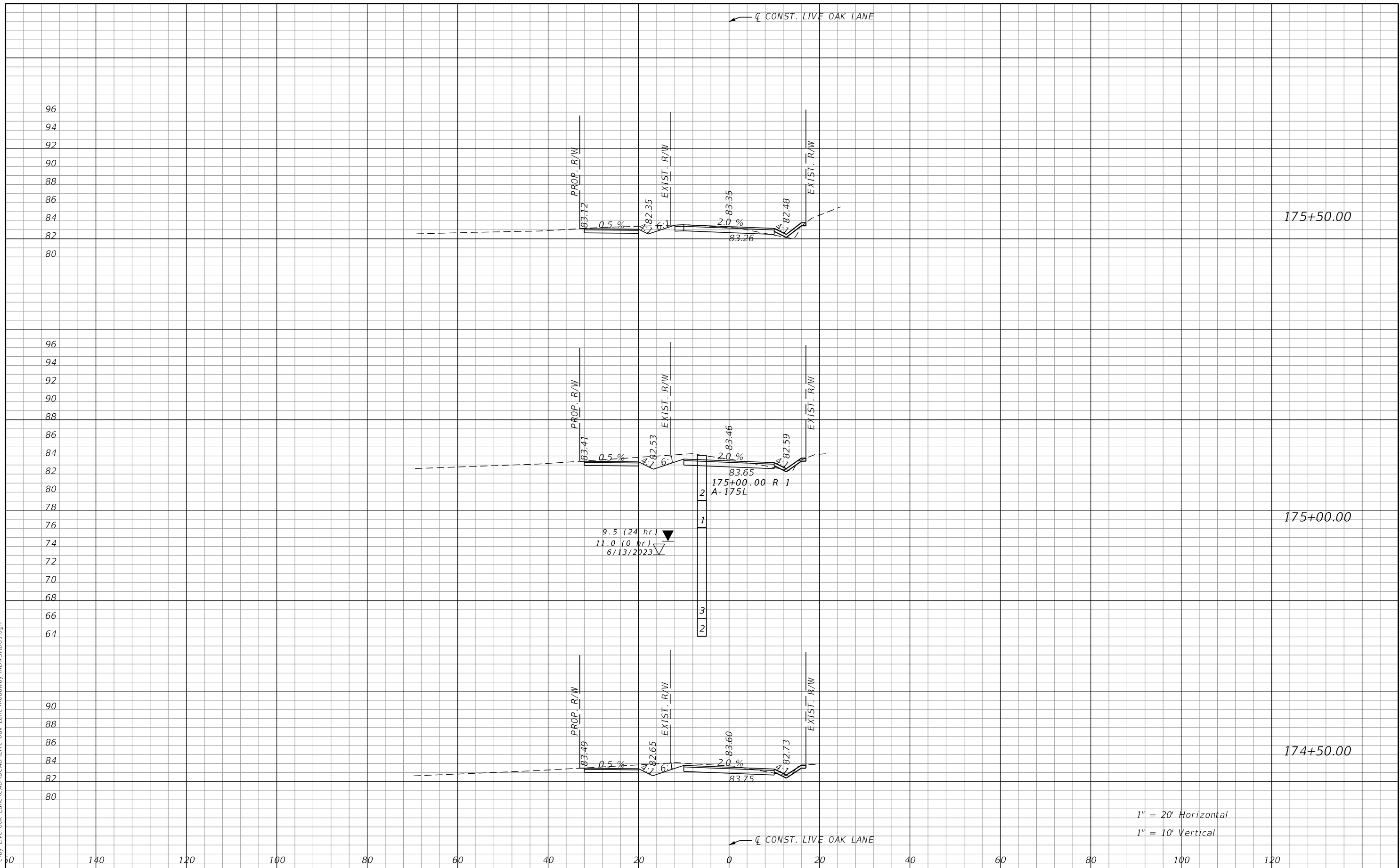
PREPARED FOR:
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

CROSS SECTIONS

SHEET NO.
 73

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

9/12/2024 5:24:53 PM sistrkk
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

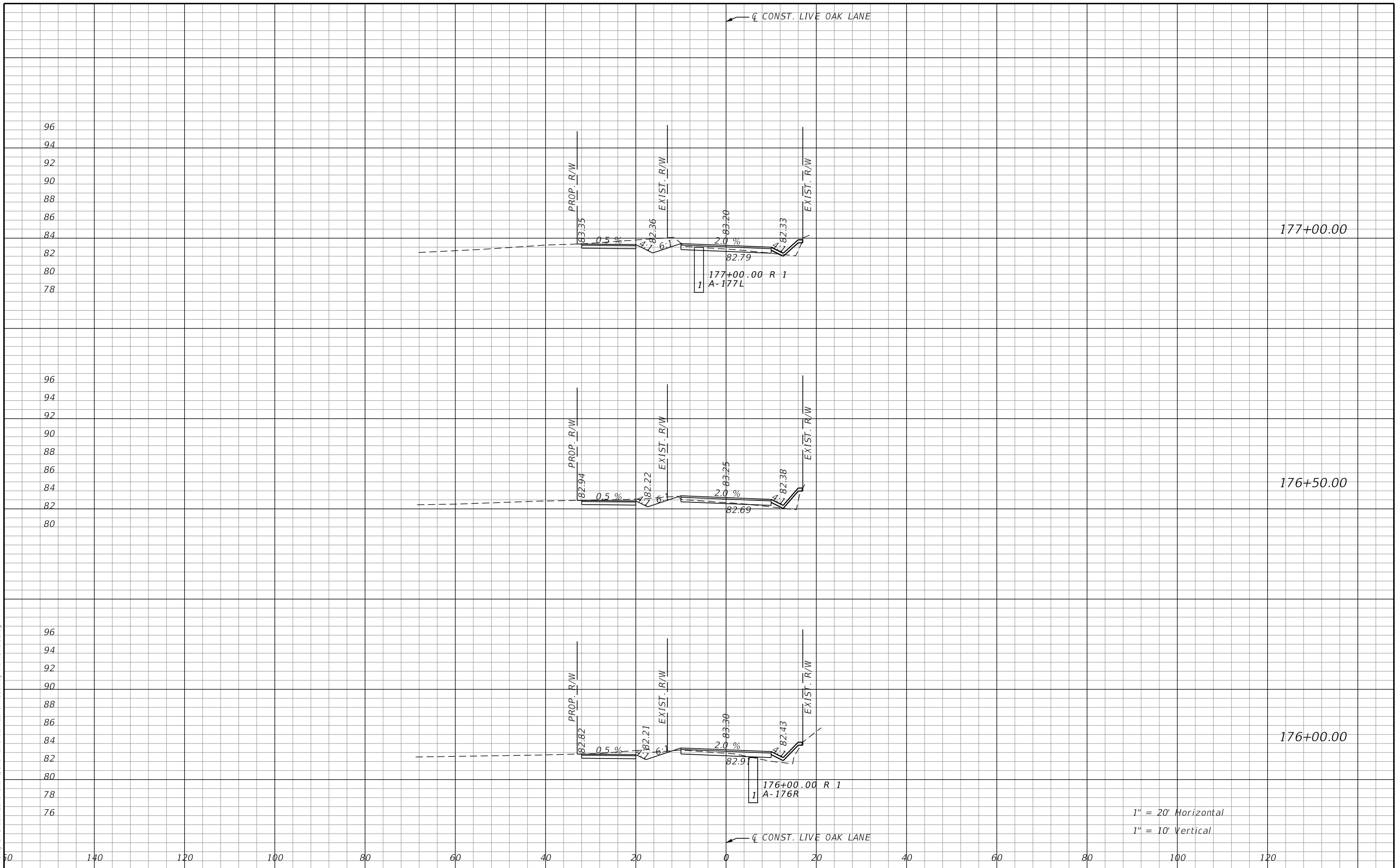
PREPARED FOR:
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 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

CROSS SECTIONS

SHEET NO.
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9/12/2024 5:24:55 PM sistrkk
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1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



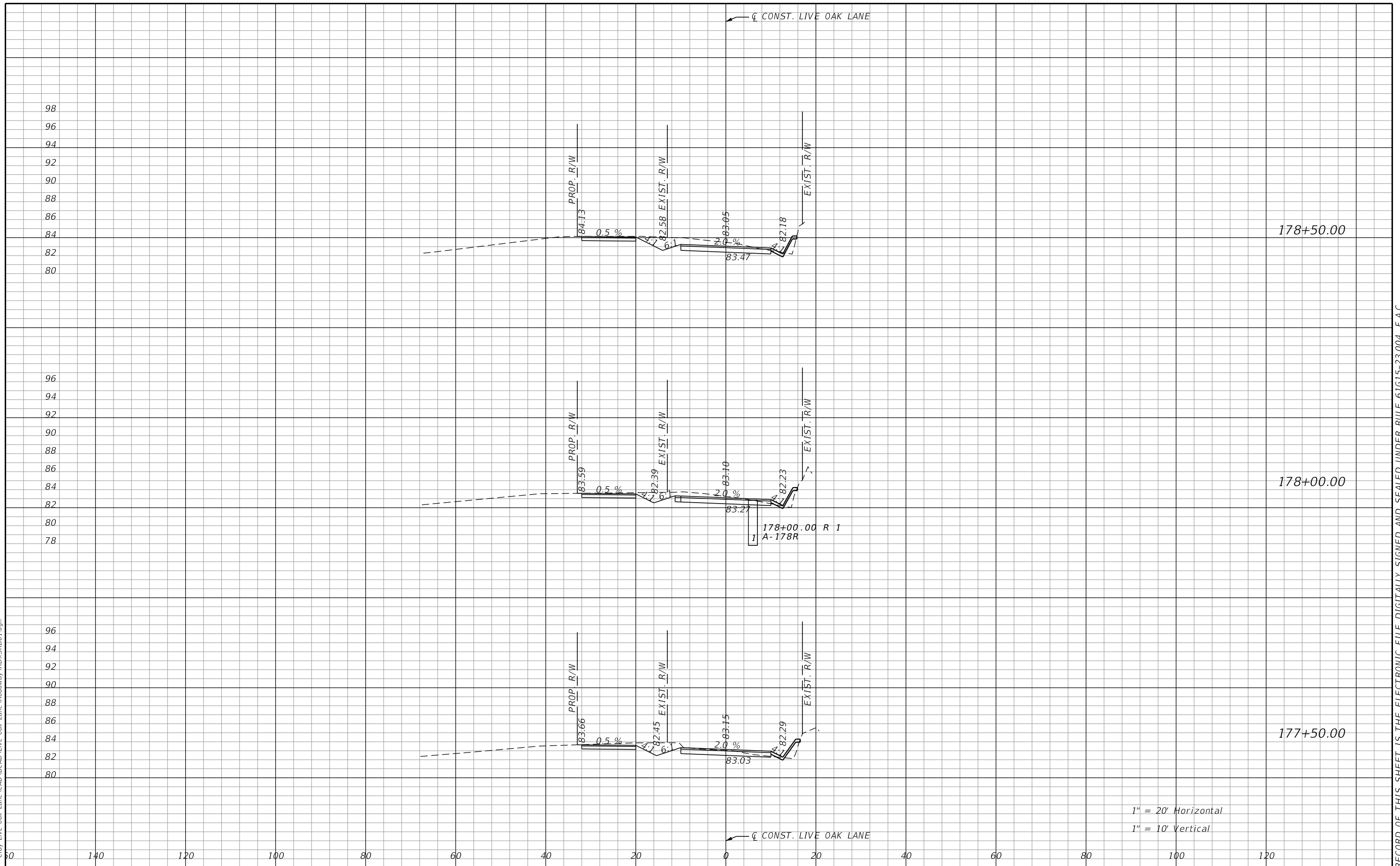
PREPARED FOR:
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CROSS SECTIONS

SHEET NO.
 75

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

9/12/2024 5:24:56 PM sistrk
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1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



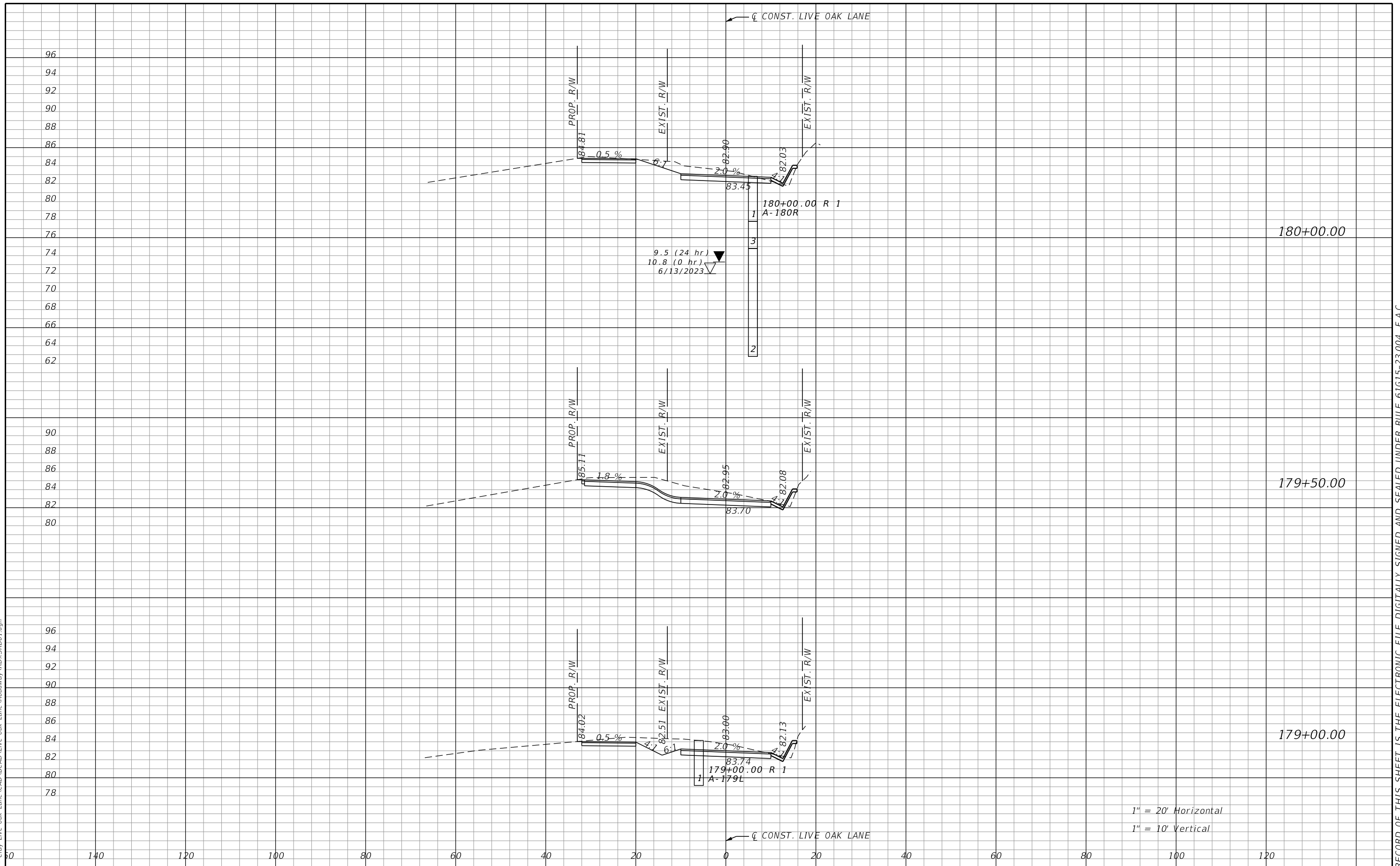
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 AND PUBLIC WORKS**

CROSS SECTIONS

SHEET NO.
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9/12/2024 5:24:58 PM sistfkk
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1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



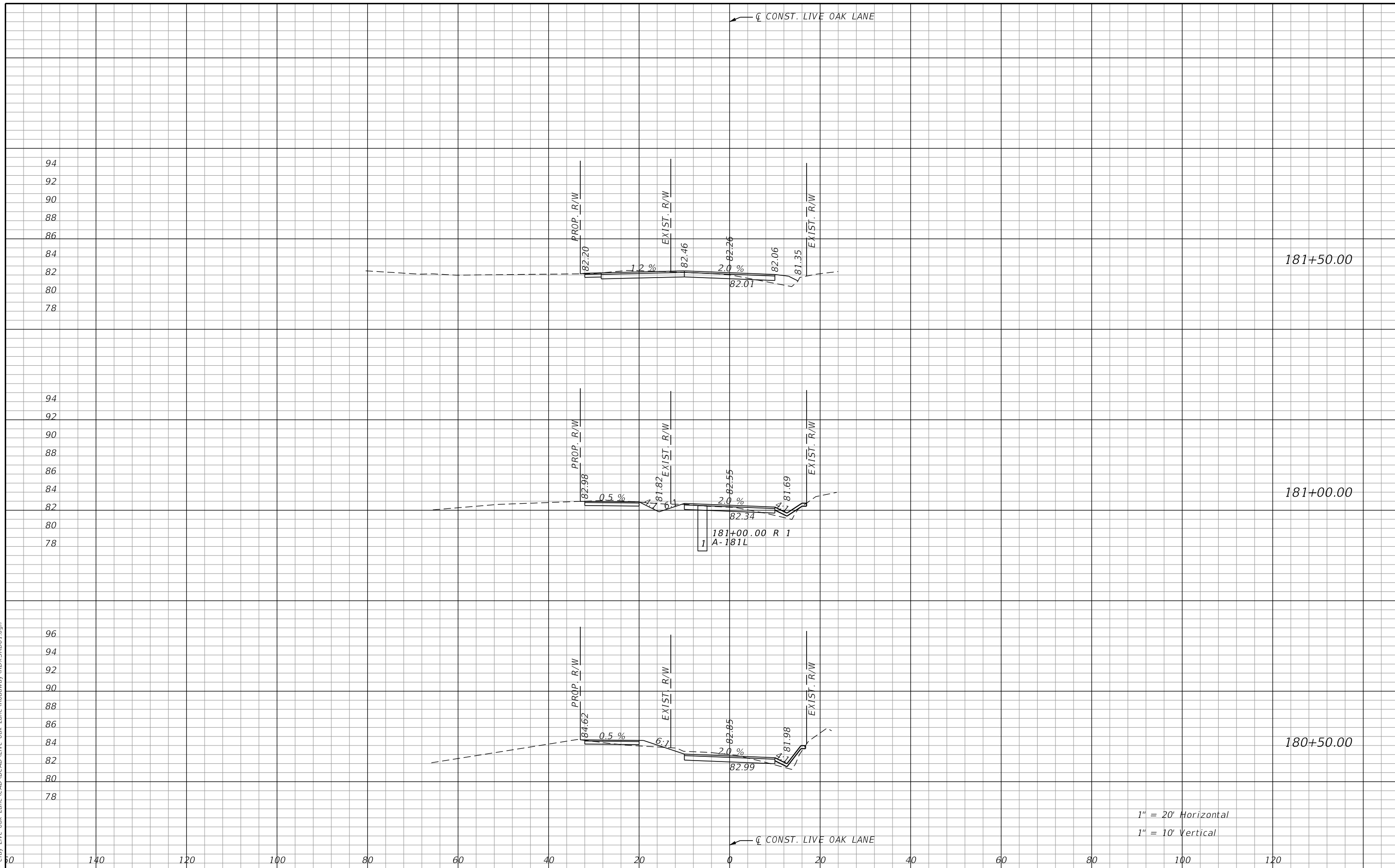
PREPARED FOR:
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

CROSS SECTIONS

SHEET NO.
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9/12/2024 5:25:00 PM sistfkk
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1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS	
DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

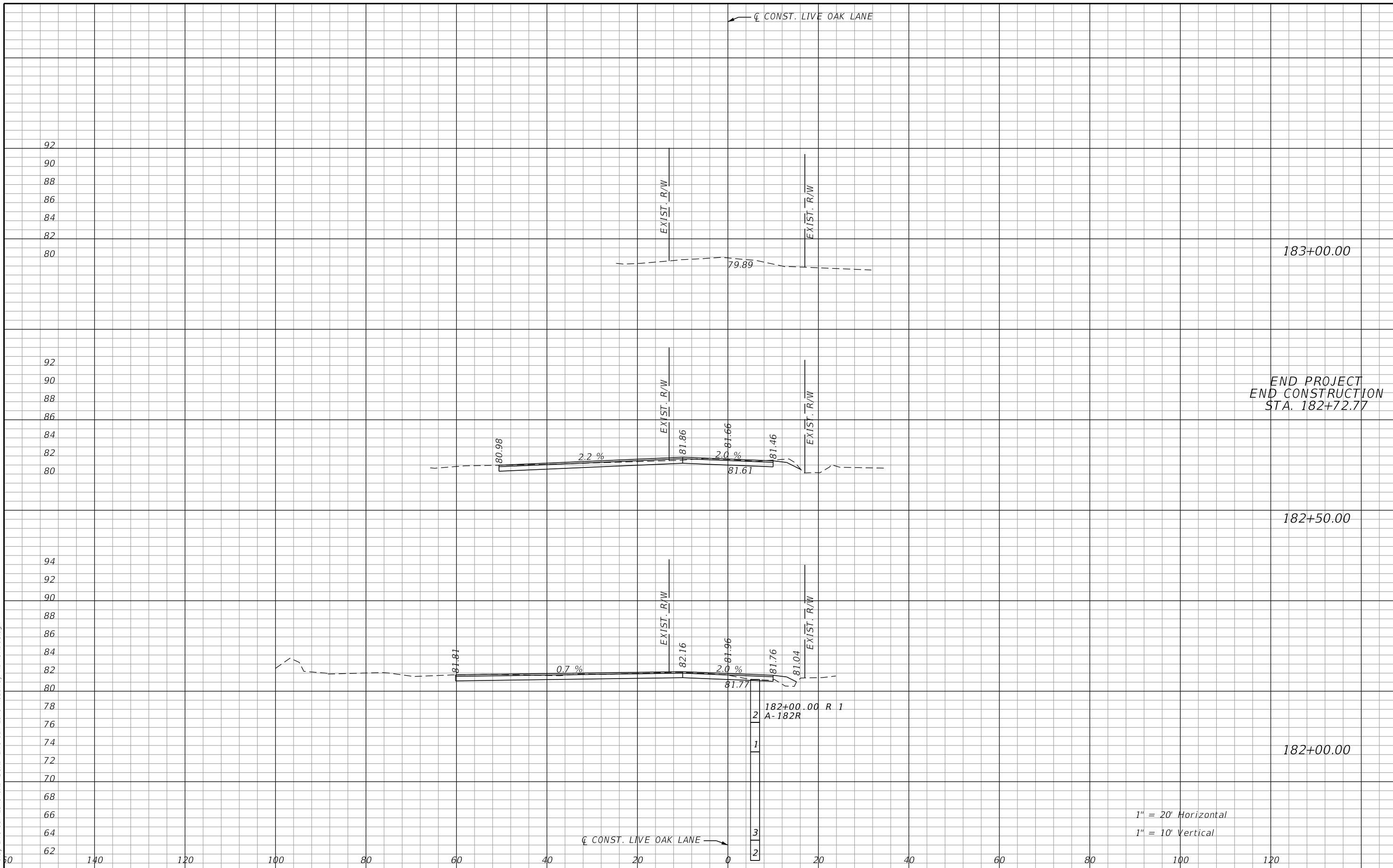
PREPARED FOR:
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 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

CROSS SECTIONS

SHEET NO.
 78

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

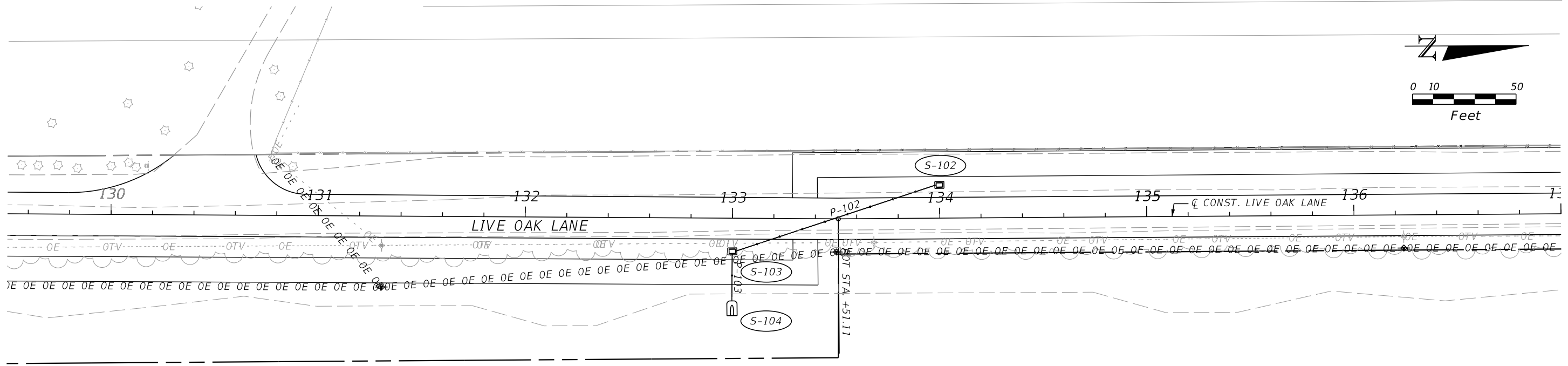
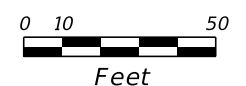
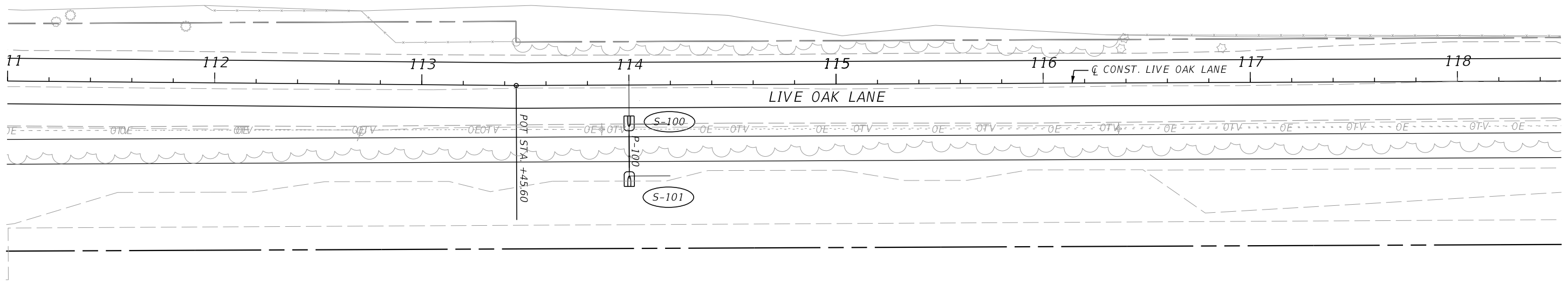
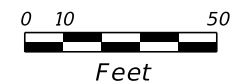


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CROSS SECTIONS

SHEET NO.
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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LAURA S. PHILLIPS
 LICENSE NUMBER: 54972
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



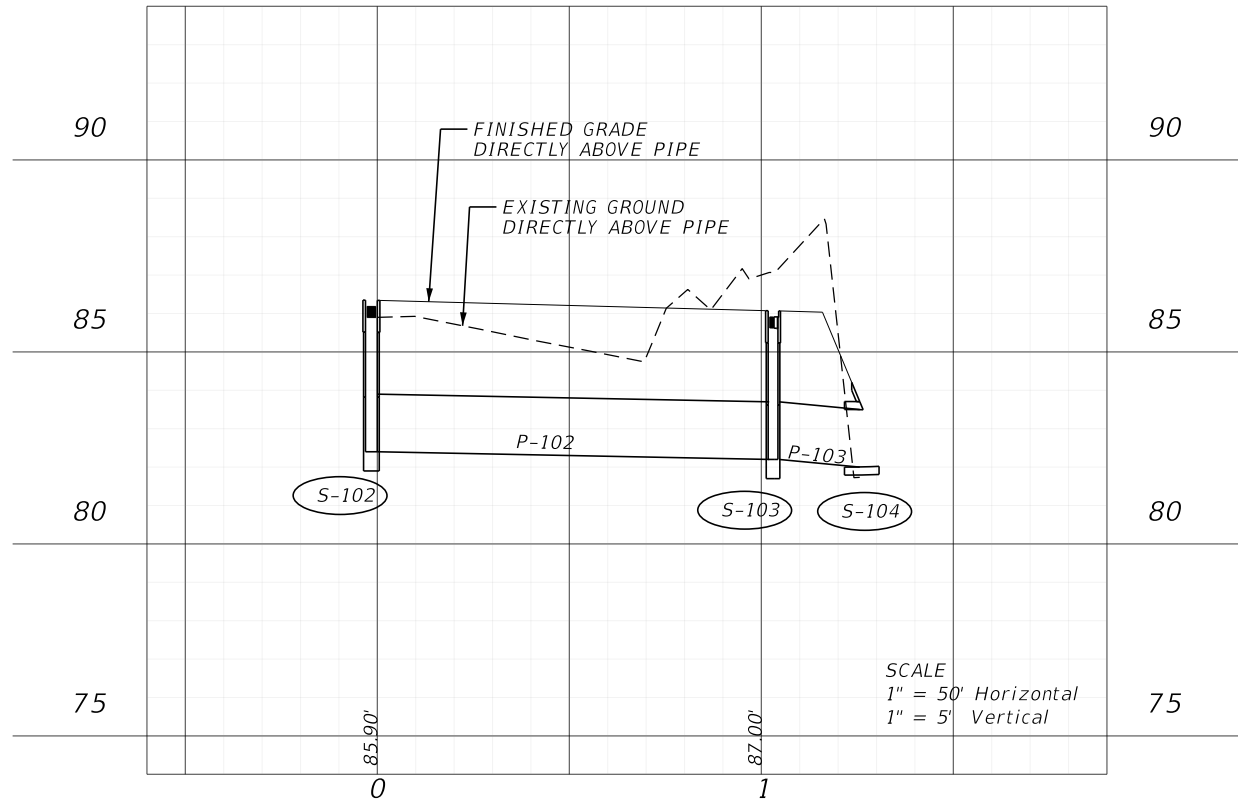
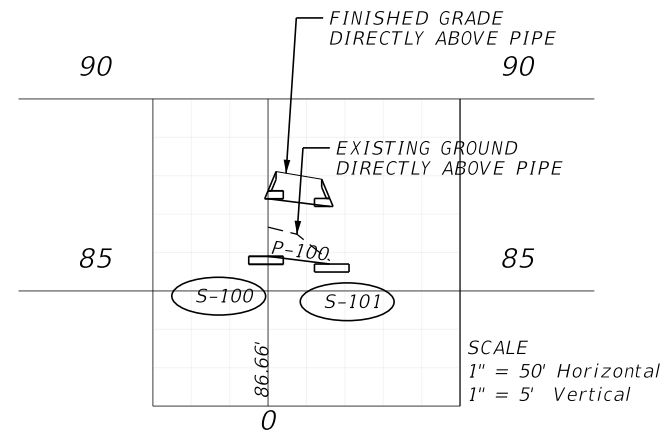
PREPARED FOR:
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

DRAINAGE STRUCTURES

SHEET NO.
 80

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LAURA S. PHILLIPS
 LICENSE NUMBER: 54972
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



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 ENGINEERING DEPARTMENT
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DRAINAGE STRUCTURES

SHEET
 NO.
 81

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Pipe Data								
Label	Number of Barrels	Length (Construction) (ft)	Size	Start Node (Upper)	Start Invert (ft)	Stop Node (Lower)	Stop Invert (ft)	Optional Pipe
P-100	1	16.06	18 inch	S-100	85.9	S-101	85.7	Group 1
P-102	1	102.048	18 inch	S-102	82.4	S-103	82.2	Group 1
P-103	1	21.03	18 inch	S-103	82.2	S-104	82.0	Group 1

Optional Materials Tabulation					
Group Number	Size (s)	Material	Plotted	As Built	Remarks
Group 1	18"	NRCP, CLASS I			
		RCP, CLASS I	X		
		HDPE, CLASS II			
		PP, CLASS II			
		PVC, ASTM F-949			

Structure Data										
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	Structure Type	Bottom Dimensions	FDOT Standard Plans (400 index series) Notes	Remarks	Reference Point Elevation (ft)	Sump Elevation (Structure Invert) (ft)	-Pipe-Label
S-102	CL LIVE OAK LANE	134+00	-16.00	DBI TYPE C				86.35	82.40	(Out) P-102
S-103	CL LIVE OAK LANE	133+00	16.00	DBI TYPE C				86.07	82.20	(In) P-102 (Out) P-103

Endwall and MES Data							
Label	Baseline Feature	Baseline Station (ft)	Baseline Offset (ft)	FDOT Top	Elevation (Invert) (ft)	FDOT Standard Plans (400 index series) Notes	Remarks
S-100	CL LIVE OAK LANE	114+00	20.00	CD MES 1:4	85.90		
S-101	CL LIVE OAK LANE	114+00	44.00	CD MES 1:2	85.70		
S-104	CL LIVE OAK LANE	133+00	42.00	CD MES 1:2	82.00		

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 LAURA S. PHILLIPS
 LICENSE NUMBER: 54972
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

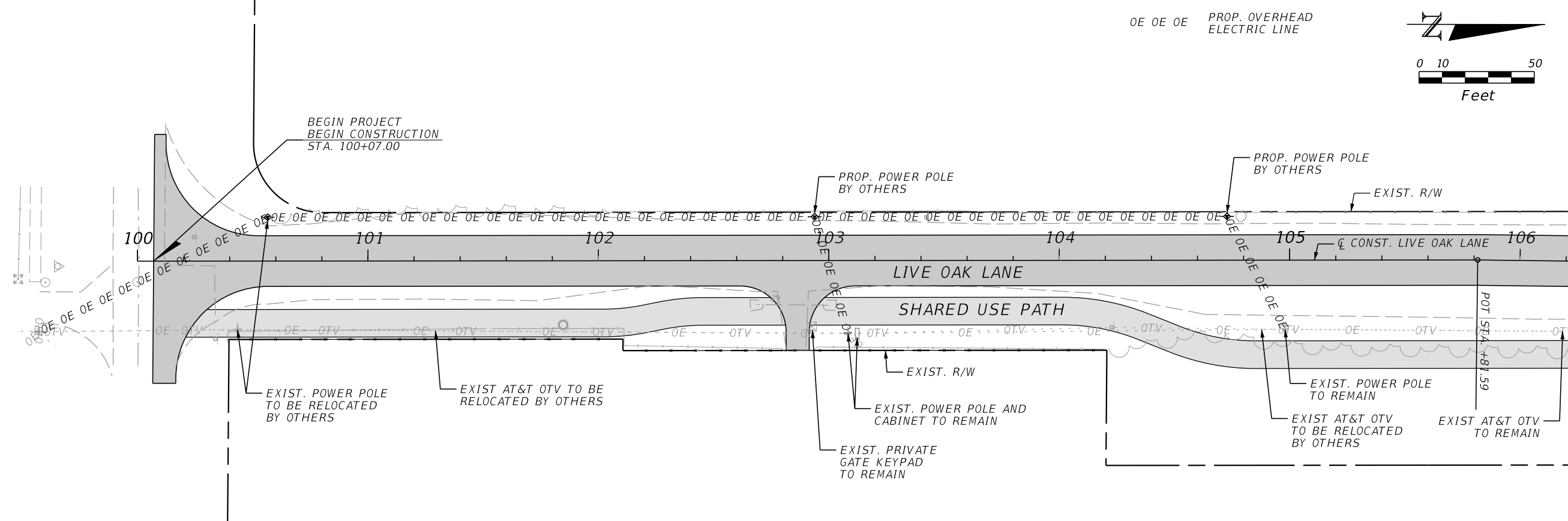


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 AND PUBLIC WORKS

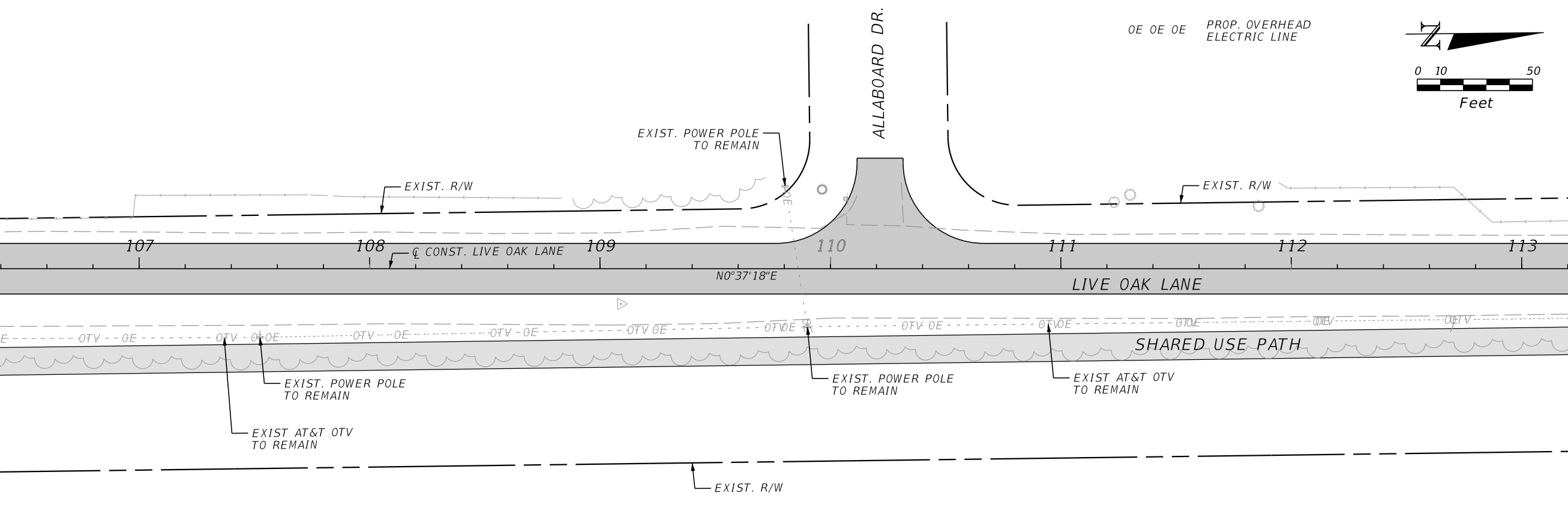
DRAINAGE STRUCTURES

SHEET NO.
82

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MATCHLINE STA. 106+30.00



MATCHLINE STA. 113+30.00

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



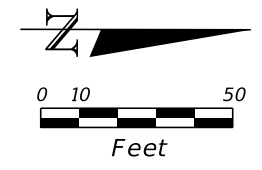
PREPARED FOR:
 CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

UTILITY ADJUSTMENT PLAN

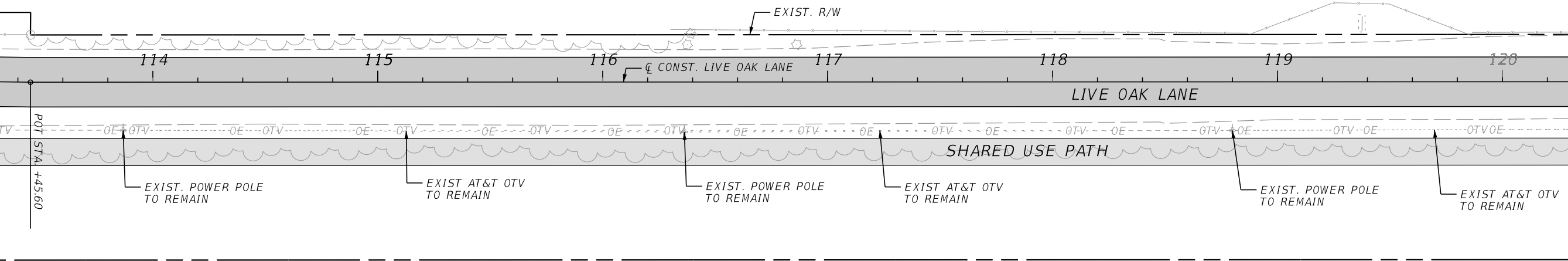
SHEET NO.
 83

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

OE OE OE PROP. OVERHEAD ELECTRIC LINE

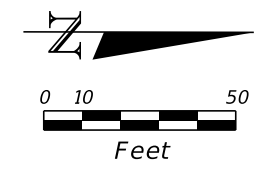


MATCHLINE STA. 113+30.00

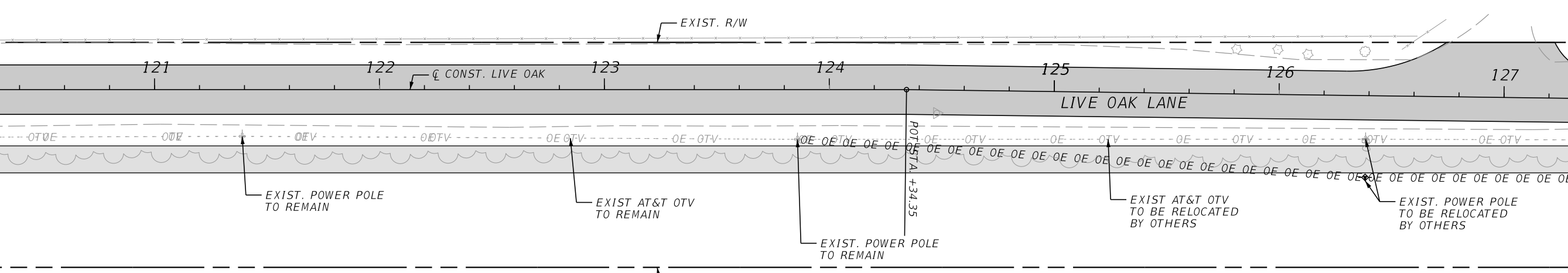


MATCHLINE STA. 120+30.00

OE OE OE PROP. OVERHEAD ELECTRIC LINE



MATCHLINE STA. 120+30.00



MATCHLINE STA. 127+30.00

9/12/2024 5:25:50 PM sistrkk Z:\2021\2210955.01 - Clay Live Oak Lane\CAD\BCAD\Live Oak Lane\Utilities\PLAN\UW01.dgn

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



PREPARED FOR:
 CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

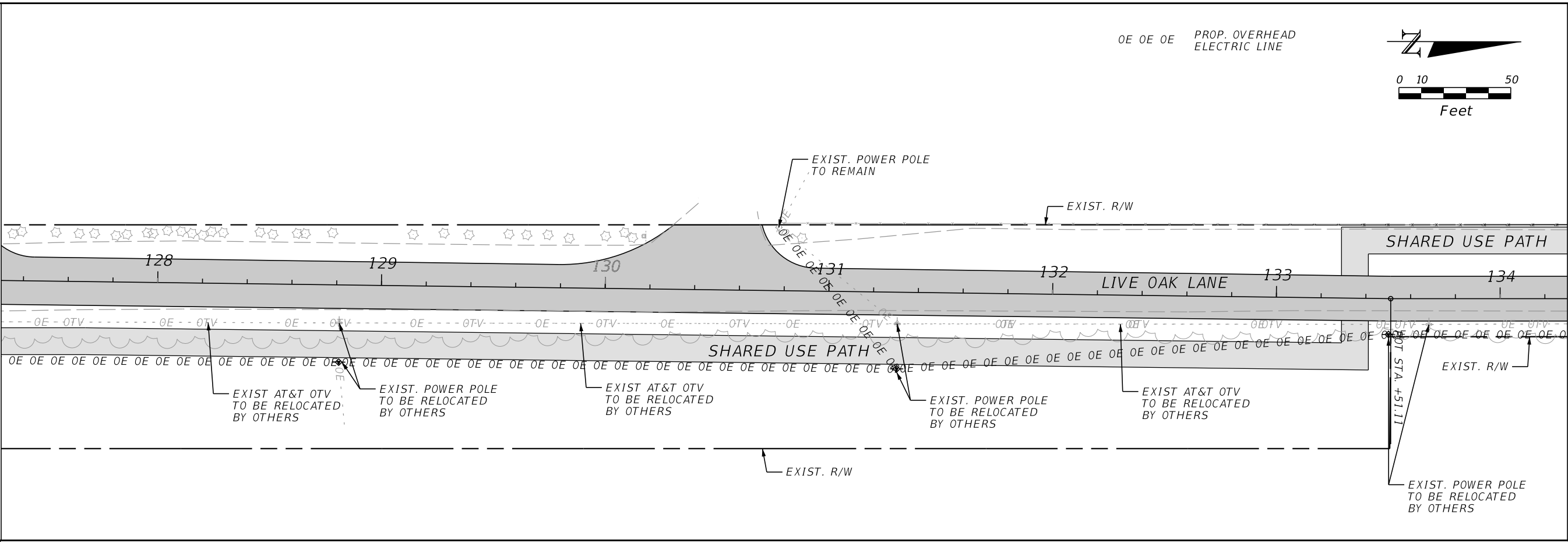
UTILITY ADJUSTMENT PLAN

SHEET NO.
 84

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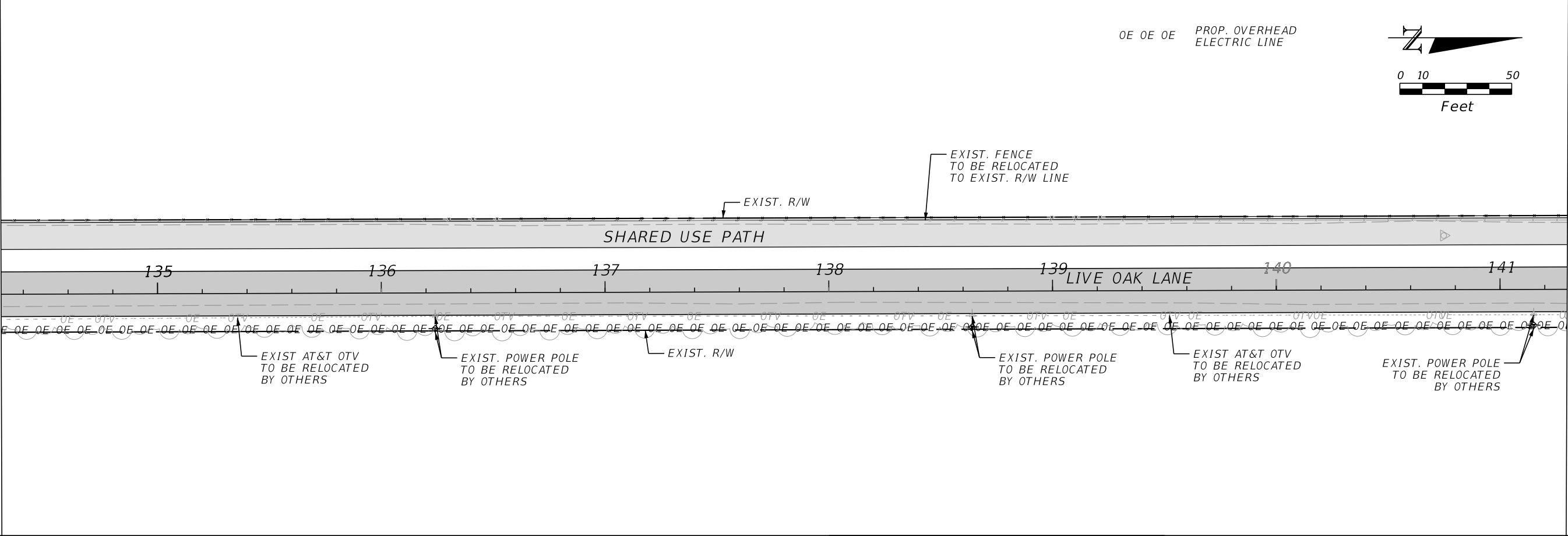
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MATCHLINE STA. 127+30.00



MATCHLINE STA. 134+30.00

MATCHLINE STA. 134+30.00



MATCHLINE STA. 141+30.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

PREPARED FOR:

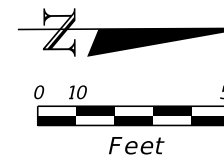
**CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS**

UTILITY ADJUSTMENT PLAN

SHEET NO.
 85

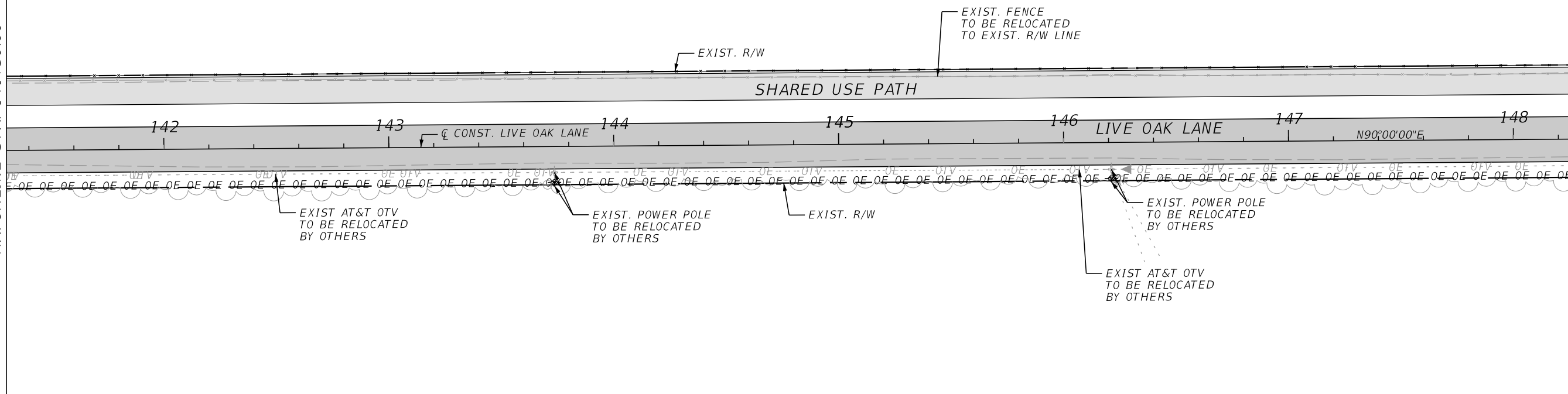
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OE OE OE PROP. OVERHEAD ELECTRIC LINE



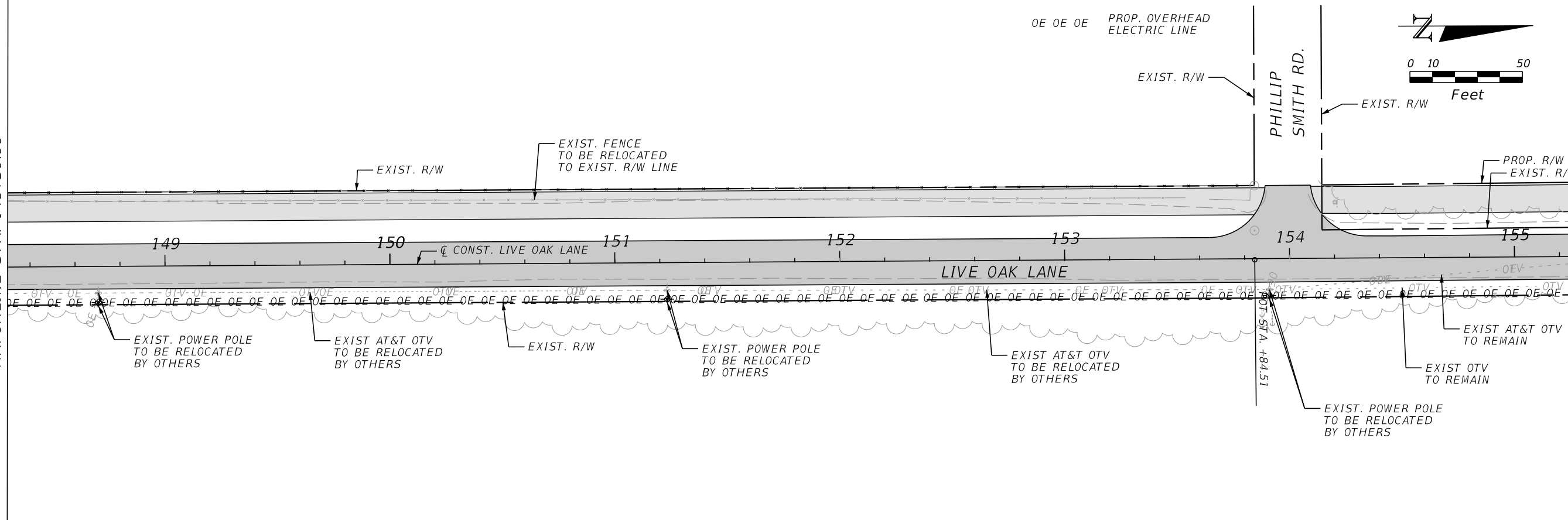
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MATCHLINE STA. 148+30.00



MATCHLINE STA. 148+30.00

MATCHLINE STA. 155+30.00



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



PREPARED FOR:
CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS

UTILITY ADJUSTMENT PLAN

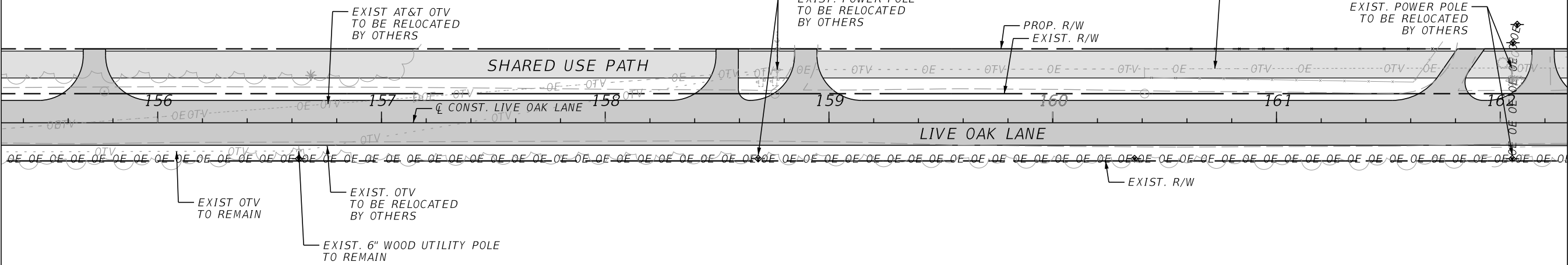
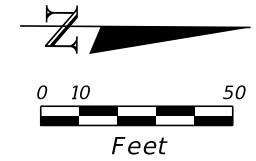
SHEET NO.
 86

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MATCHLINE STA. 155+30.00

MATCHLINE STA. 162+30.00

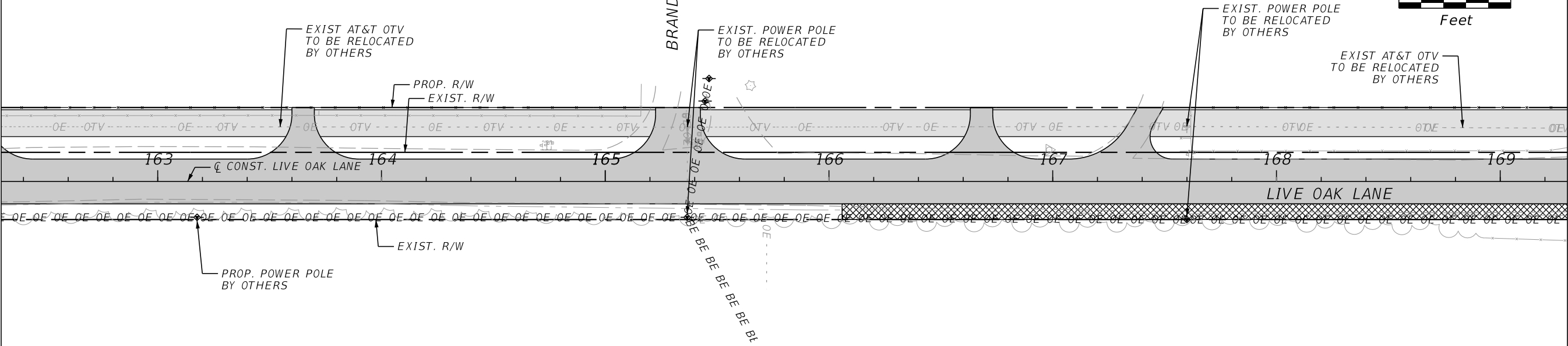
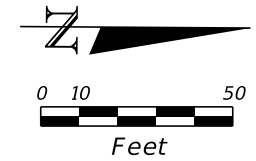
OE OE OE PROP. OVERHEAD ELECTRIC LINE



MATCHLINE STA. 162+30.00

MATCHLINE STA. 169+30.00

OE OE OE PROP. OVERHEAD ELECTRIC LINE



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD

ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



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CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

UTILITY ADJUSTMENT PLAN

SHEET NO.

87

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MATCHLINE STA. 169+30.00

ROBERT KING RD.

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

EXIST AT&T OTV TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

EXIST AT&T OTV TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

DEXTER WAY DR.

SHARED USE PATH

LIVE OAK LANE

170

171

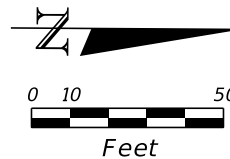
172

173

174

175

176



MATCHLINE STA. 176+30.00

MATCHLINE STA. 176+30.00

EXIST AT&T OTV TO BE RELOCATED BY OTHERS

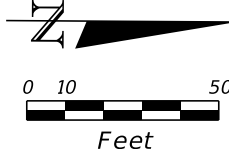
EXIST. POWER POLE TO BE RELOCATED BY OTHERS

PROP. OVERHEAD ELECTRIC LINE

EXIST AT&T OTV TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO BE RELOCATED BY OTHERS

EXIST. POWER POLE TO REMAIN



LIVE OAK LANE

177

178

179

180

181

182

183

EXIST. UTILITY APPURTENANCES TO BE ADJUSTED BY OTHERS

EXIST. UTILITY TO BE ADJUSTED BY OTHERS

EXIST. R/W

END PROJECT END CONSTRUCTION STA. 182+72.77



ENGINEER OF RECORD

ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

PREPARED FOR:

CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

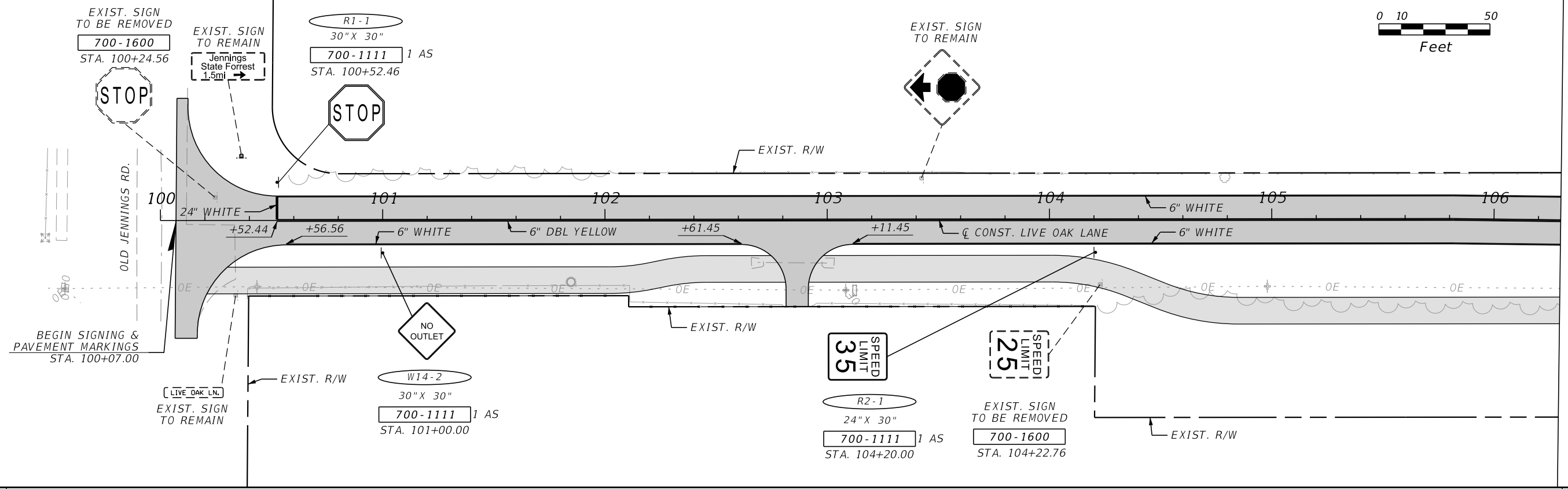
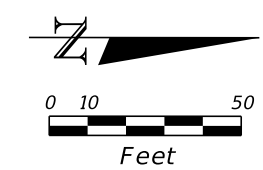
UTILITY ADJUSTMENT PLAN

SHEET NO.

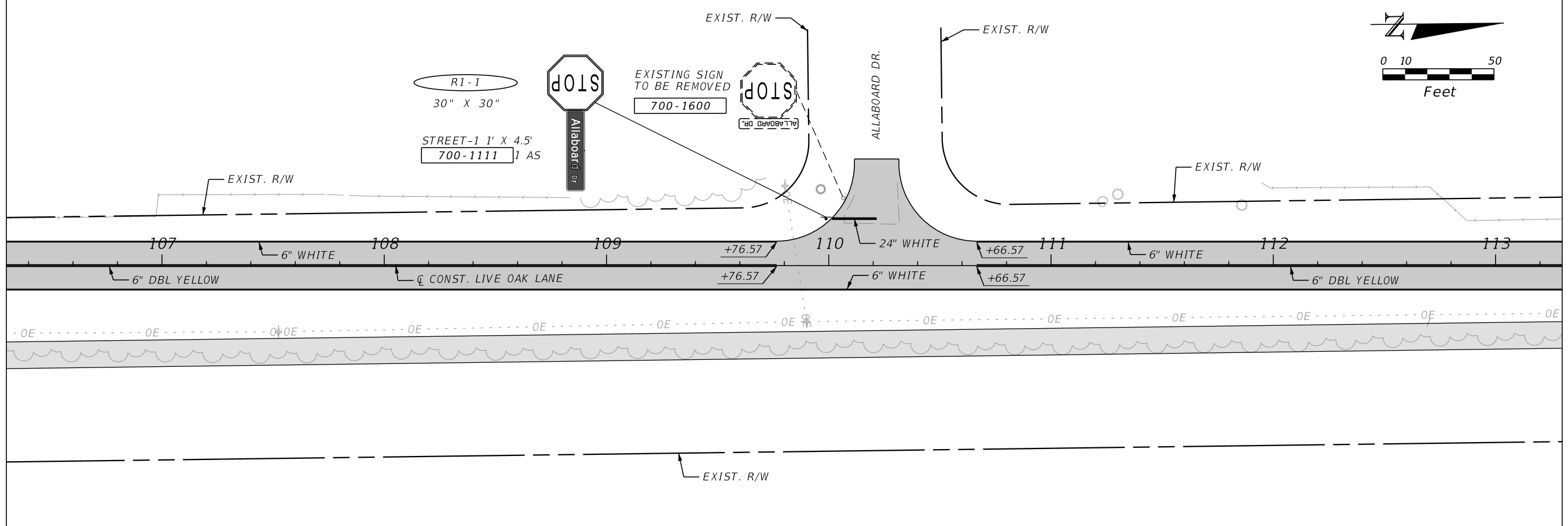
88

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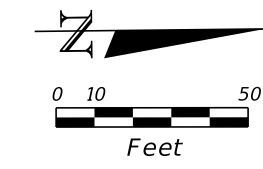


MATCHLINE STA. 106+30.00



MATCHLINE STA. 106+30.00

MATCHLINE STA. 113+30.00



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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
 ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



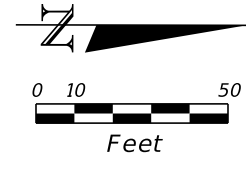
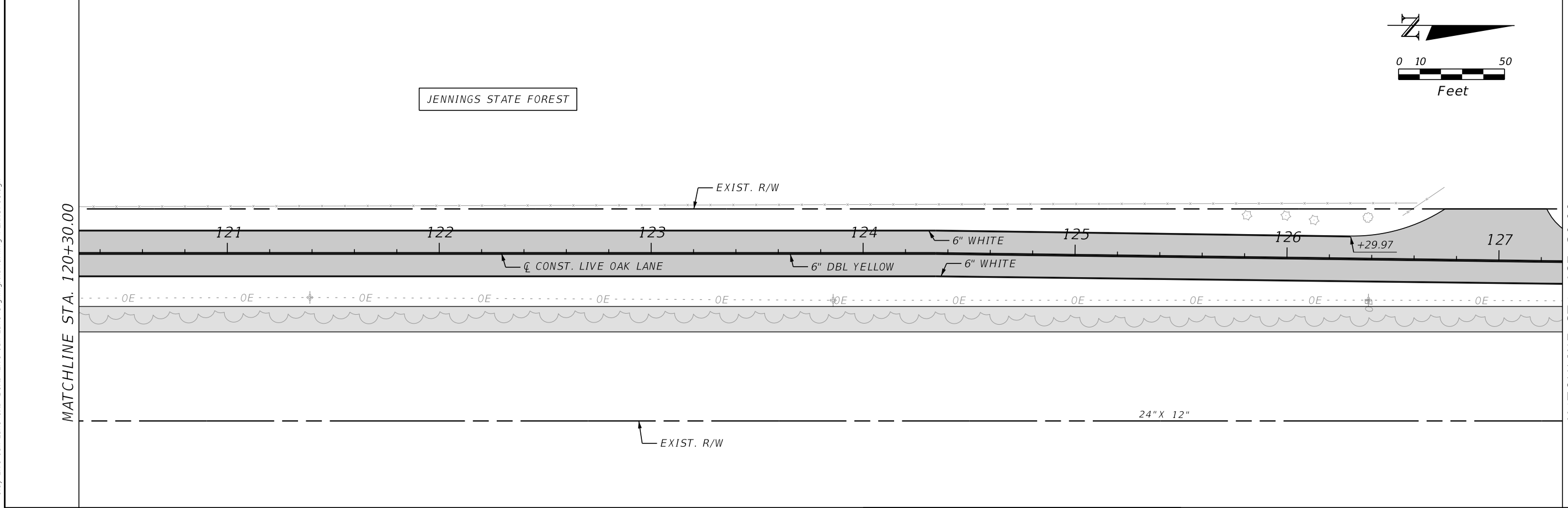
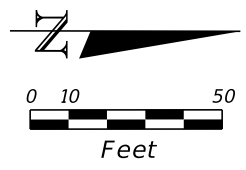
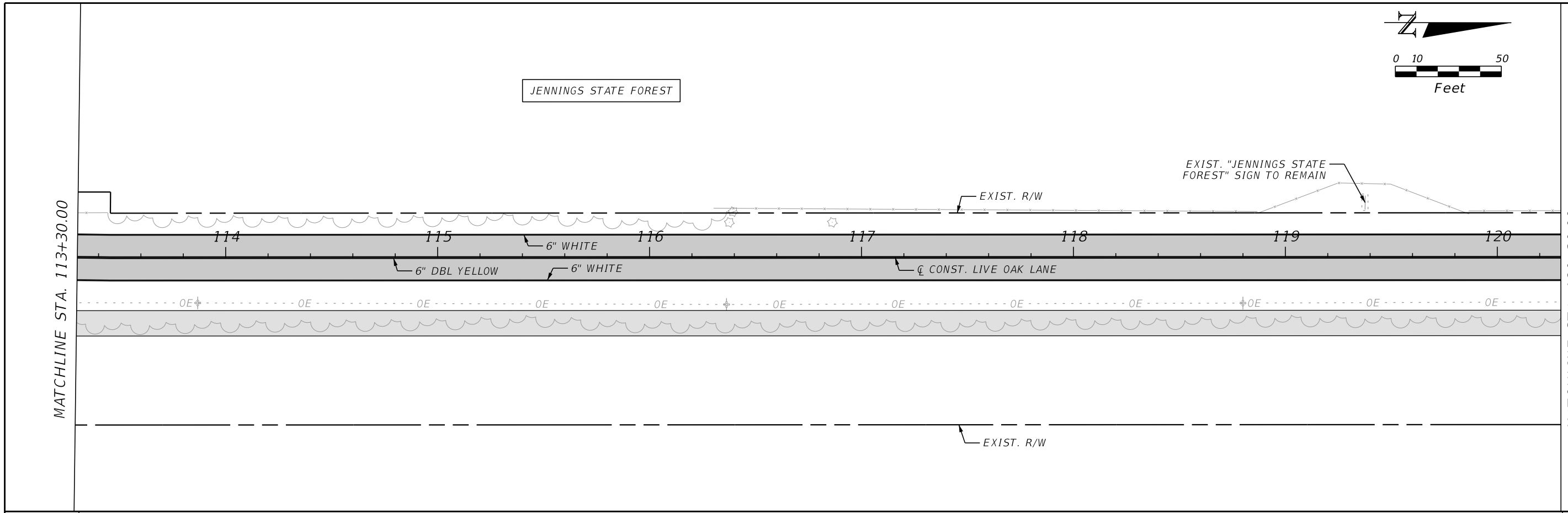
PREPARED FOR:
 CLAY COUNTY
 ENGINEERING DEPARTMENT
 AND PUBLIC WORKS

**SIGNING & PAVEMENT
 MARKING PLAN**

SHEET NO.
 89

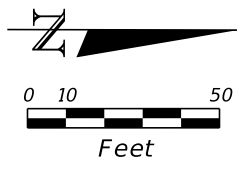
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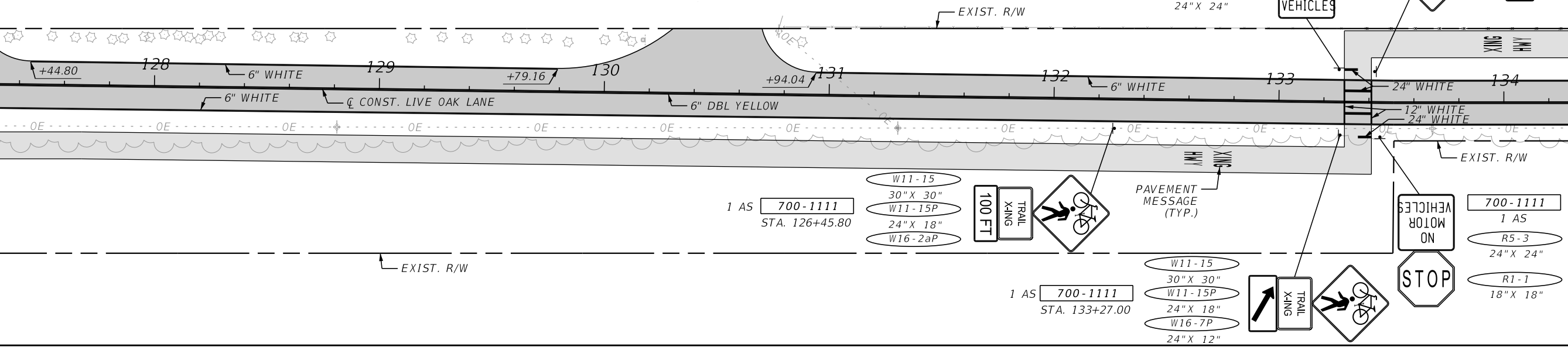
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258		CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS			90

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JENNINGS STATE FOREST

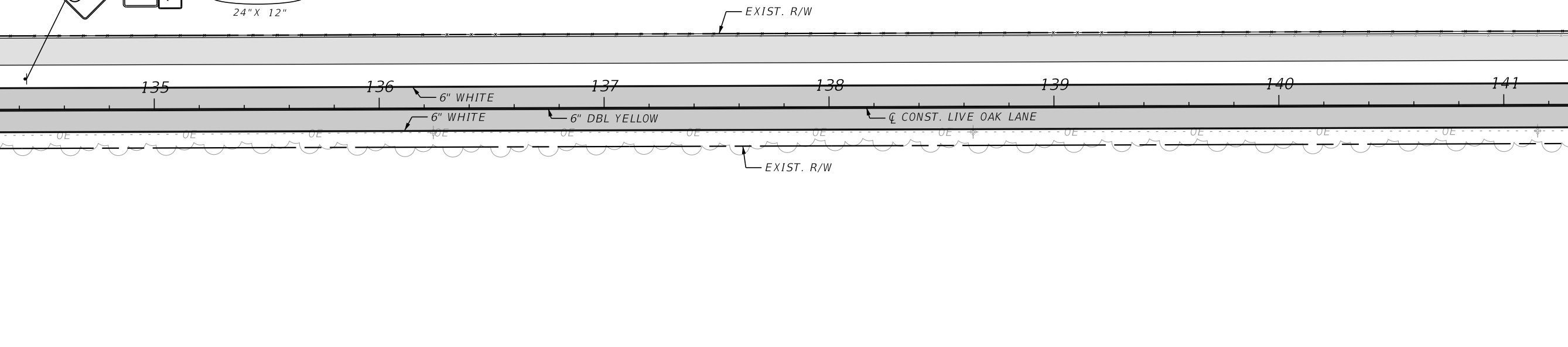
MATCHLINE STA. 127+30.00



MATCHLINE STA. 134+30.00


MATCHLINE STA. 134+30.00

JENNINGS STATE FOREST



MATCHLINE STA. 141+30.00

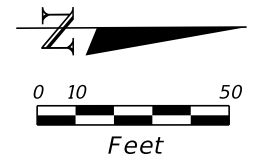
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REVISIONS		ENGINEER OF RECORD		 PREPARED FOR: CLAY COUNTY ENGINEERING DEPARTMENT AND PUBLIC WORKS	SIGNING & PAVEMENT MARKING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			91
			ROBERT B. JAMIESON LICENSE NUMBER: 63980 GAI CONSULTANTS, INC. 12574 FLAGLER CENTER BLVD-SUITE 202 JACKSONVILLE, FL 32258			

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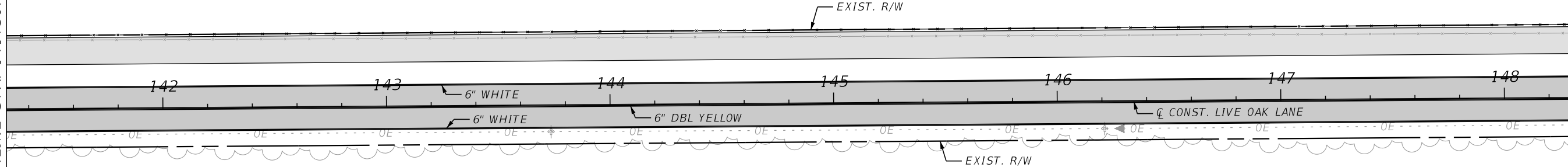
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JENNINGS STATE FOREST



MATCHLINE STA. 141+30.00

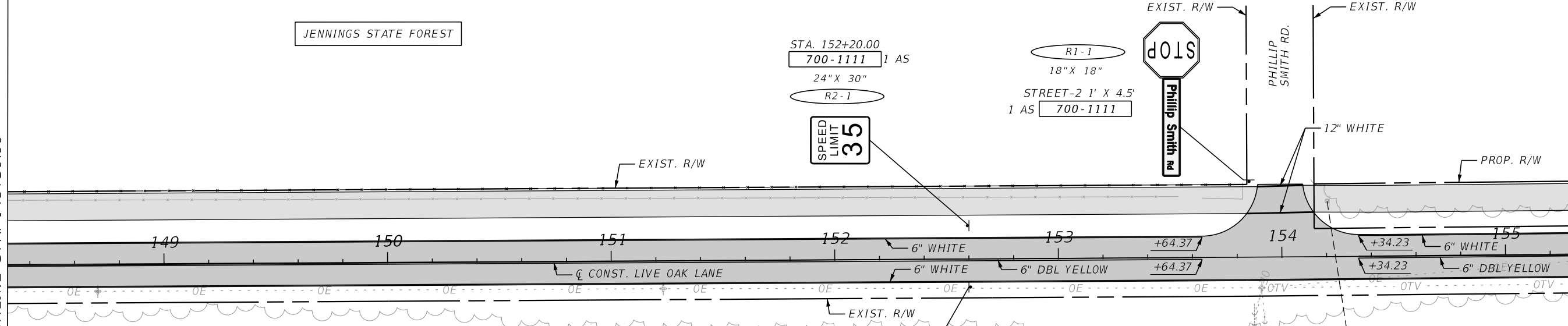
MATCHLINE STA. 148+30.00



JENNINGS STATE FOREST

MATCHLINE STA. 148+30.00

MATCHLINE STA. 155+30.00



STA. 152+20.00
700-1111 1 AS
24" X 30"

R2-1

SPEED LIMIT 35

R1-1
18" X 18"

STREET-2 1' X 4.5'
1 AS 700-1111

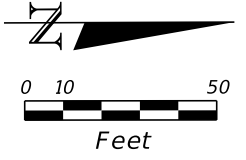
STOP
PHILLIP SMITH RD.

SPEED LIMIT 25

R2-1
24" X 30"

700-1111 1 AS
STA. 152+20.00

EXISTING SIGN TO BE REMOVED
700-1600



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
ROBERT B. JAMIESON
LICENSE NUMBER: 63980
GAI CONSULTANTS, INC.
12574 FLAGLER CENTER BLVD-SUITE 202
JACKSONVILLE, FL 32258



PREPARED FOR:
CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS

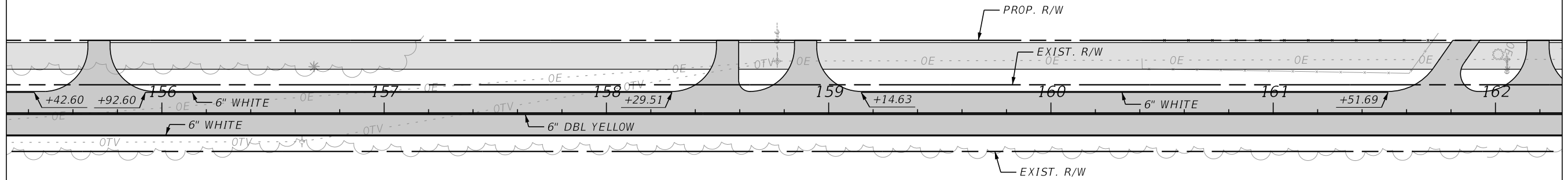
**SIGNING & PAVEMENT
MARKING PLAN**

SHEET NO.
92

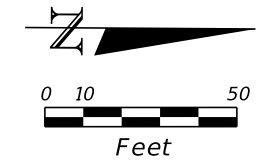
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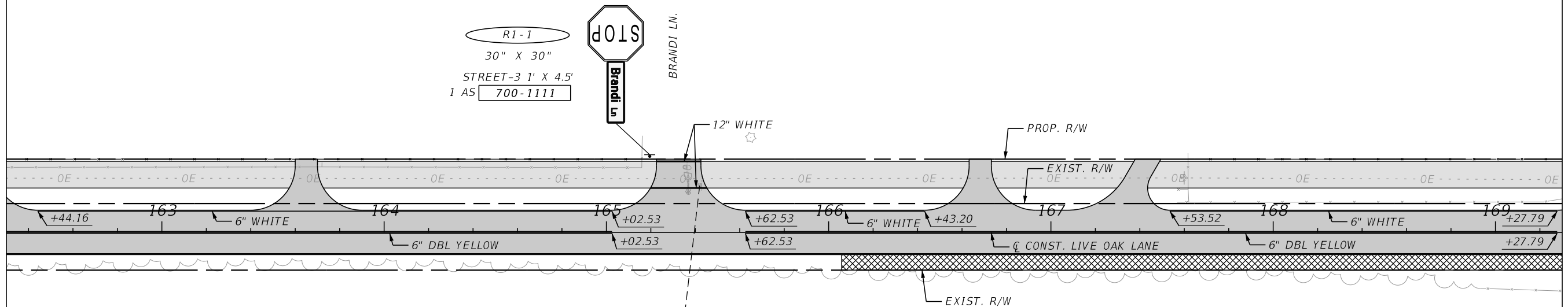
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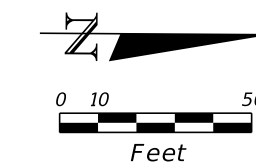
MATCHLINE STA. 162+30.00



MATCHLINE STA. 162+30.00



MATCHLINE STA. 169+30.00



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258



PREPARED FOR:
CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS

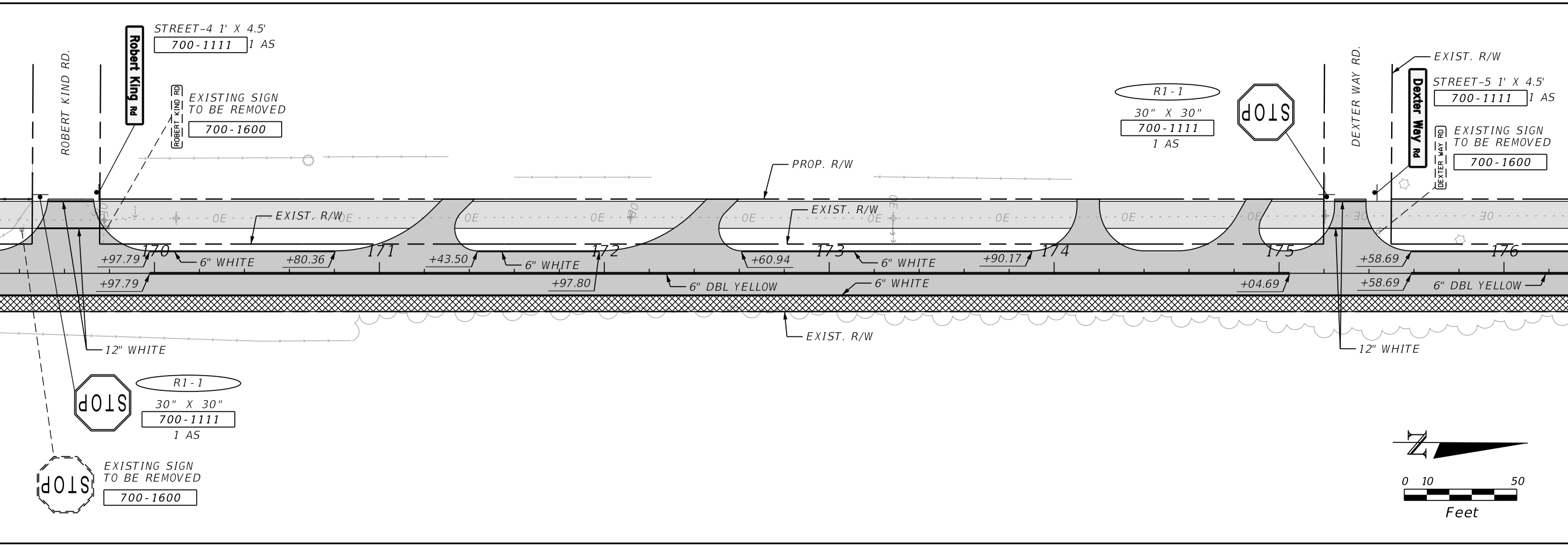
SIGNING & PAVEMENT MARKING PLAN

SHEET NO.
 93

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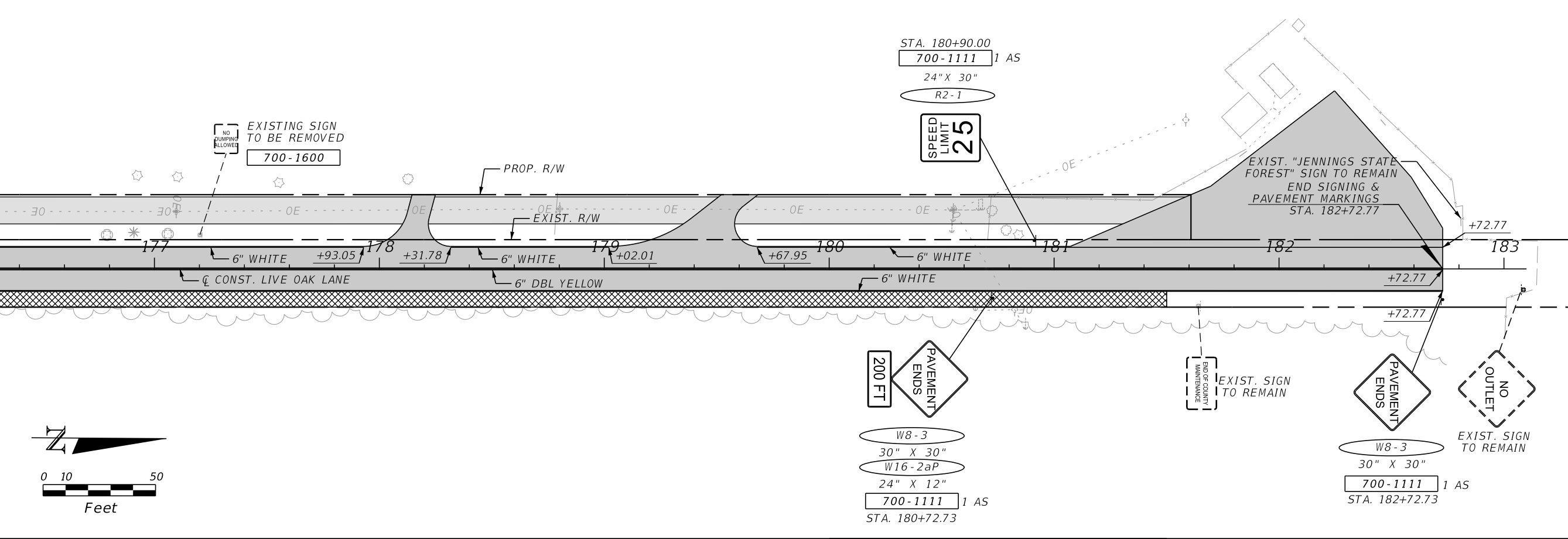
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MATCHLINE STA. 169+30.00

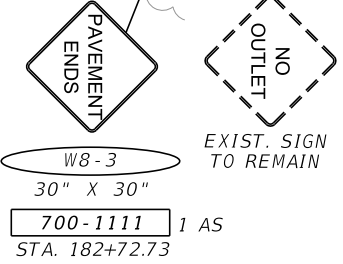
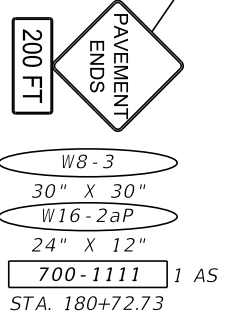
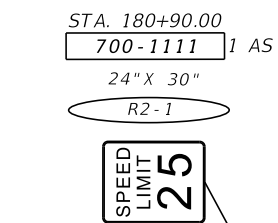
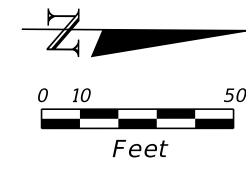
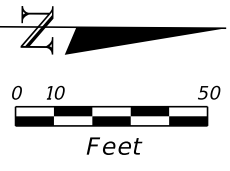
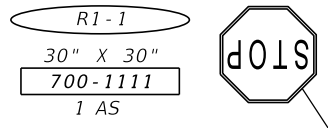
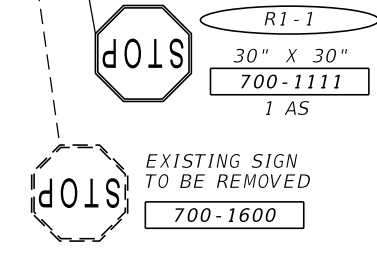


MATCHLINE STA. 176+30.00

MATCHLINE STA. 176+30.00



MATCHLINE STA. 182+72.77



REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD
ROBERT B. JAMIESON
 LICENSE NUMBER: 63980
 GAI CONSULTANTS, INC.
 12574 FLAGLER CENTER BLVD-SUITE 202
 JACKSONVILLE, FL 32258

PREPARED FOR:
CLAY COUNTY
ENGINEERING DEPARTMENT
AND PUBLIC WORKS

SIGNING & PAVEMENT
MARKING PLAN

SHEET NO.
94

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