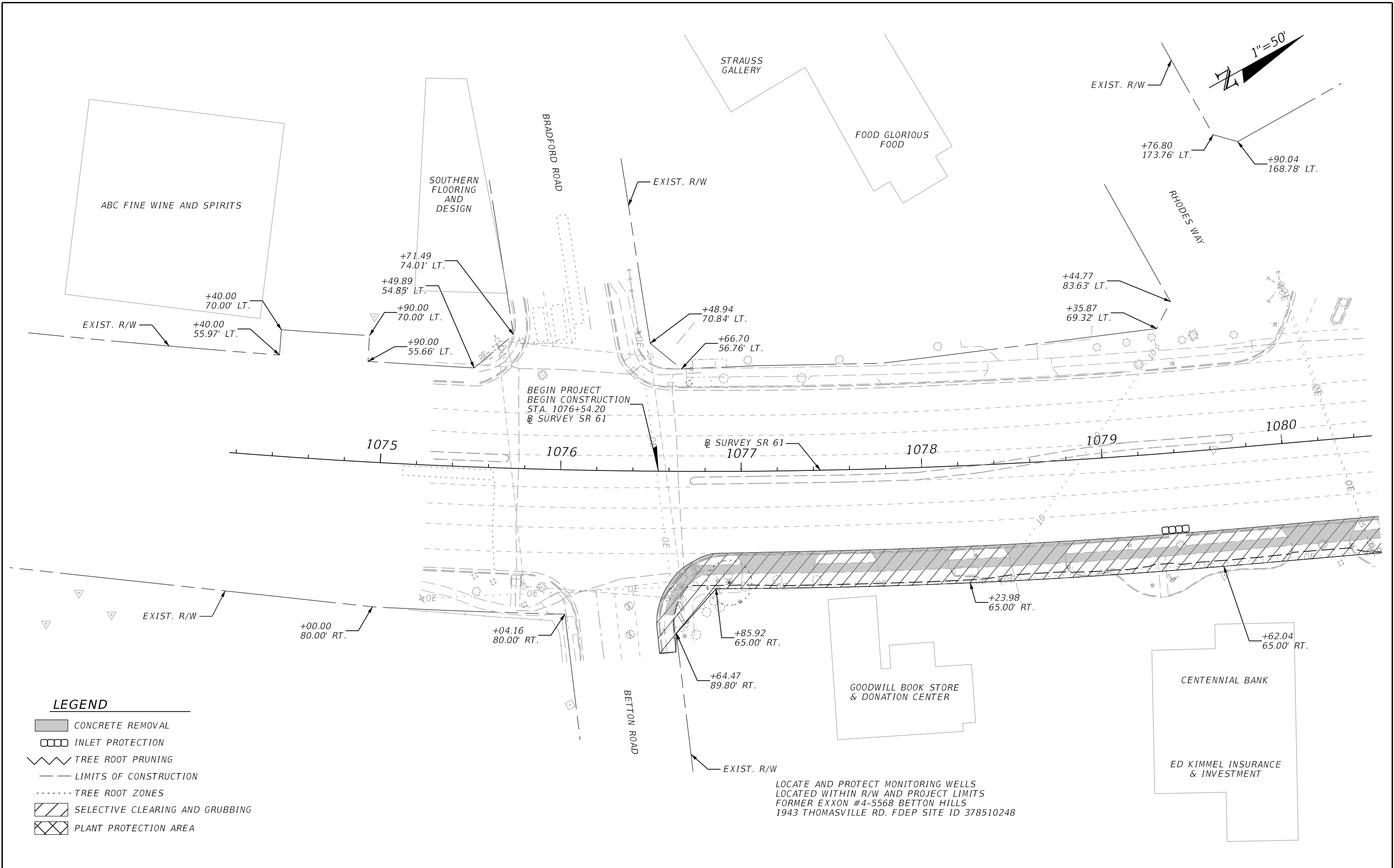


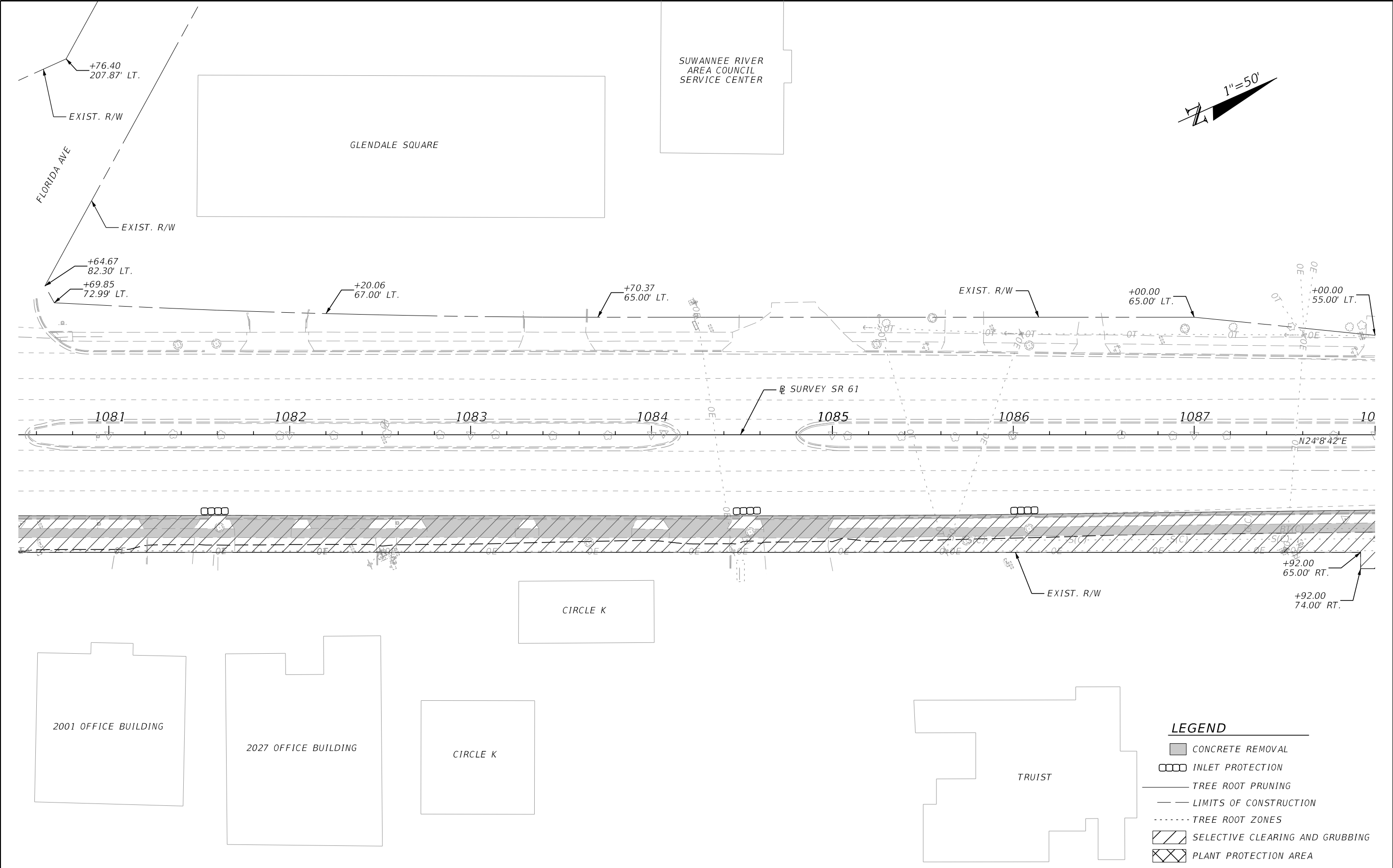
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023				SR 61	LEON	448868-1-52-01	

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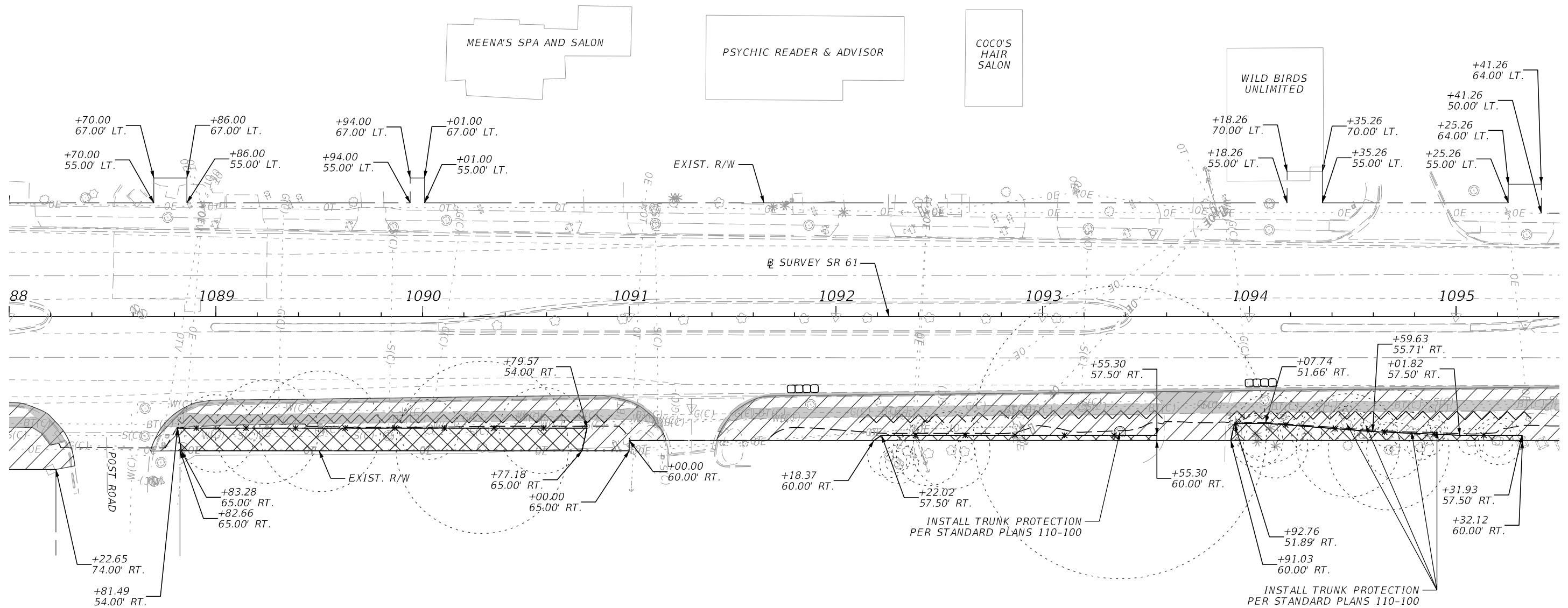


REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01			97

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION

A diagram showing a Z-section on an inclined plane. The slope is indicated by a right triangle with a vertical side of 1 inch and a horizontal side of 50 inches, labeled $1''=50'$.



LEGEND

-  CONCRETE REMOVAL
 * - TREE PROTECTION BARRIER
 INLET PROTECTION
 TREE ROOT PRUNING
 LIMITS OF CONSTRUCTION
 TREE ROOT ZONES
 SELECTIVE CLEARING AND GRUBBING
 PLANT PROTECTION AREA

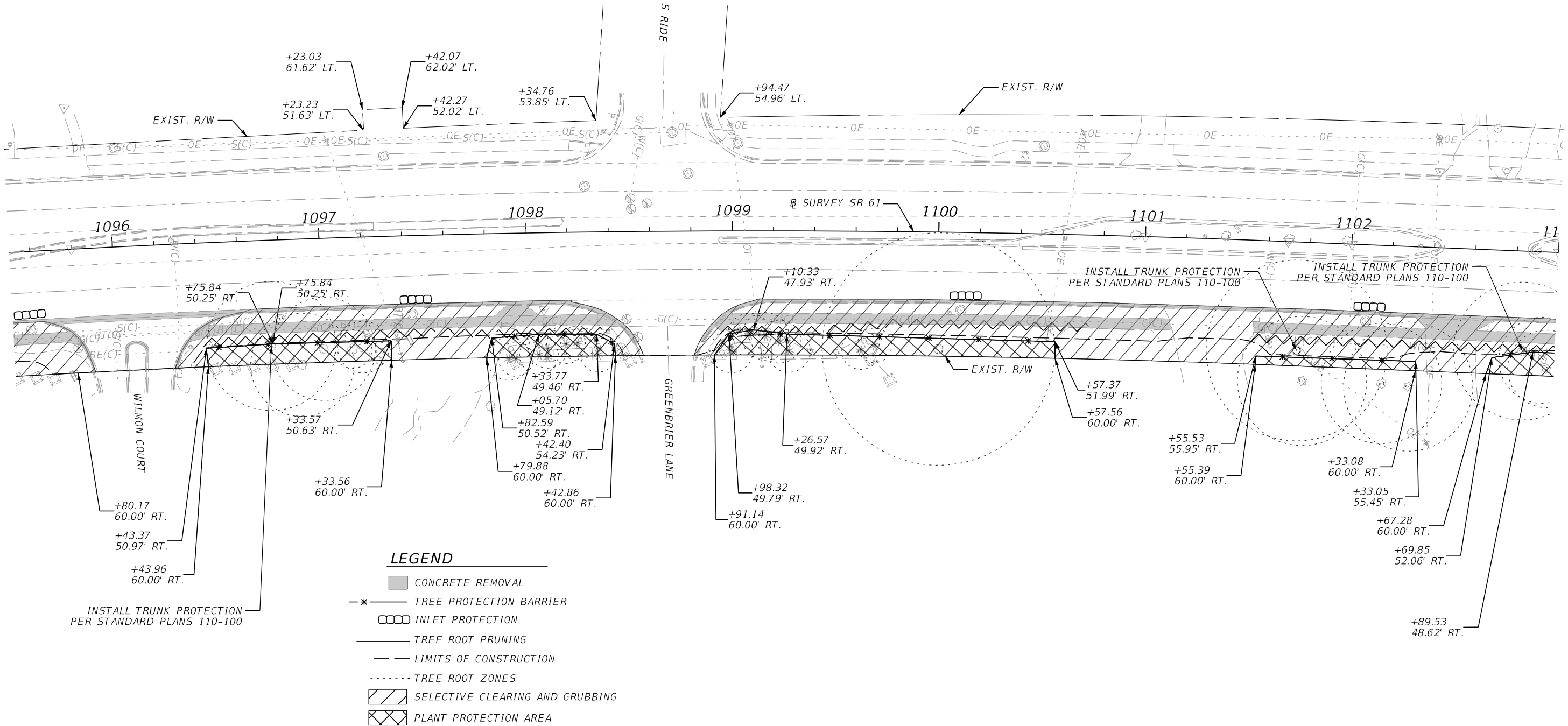
REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>SELECTIVE CLEARING AND GRUBBING PLAN</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		98
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023				SR 61	LEON	448868-1-52-01		

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CHRIST CHURCH

WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION

1"=50'



LEGEND

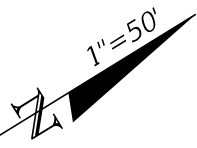
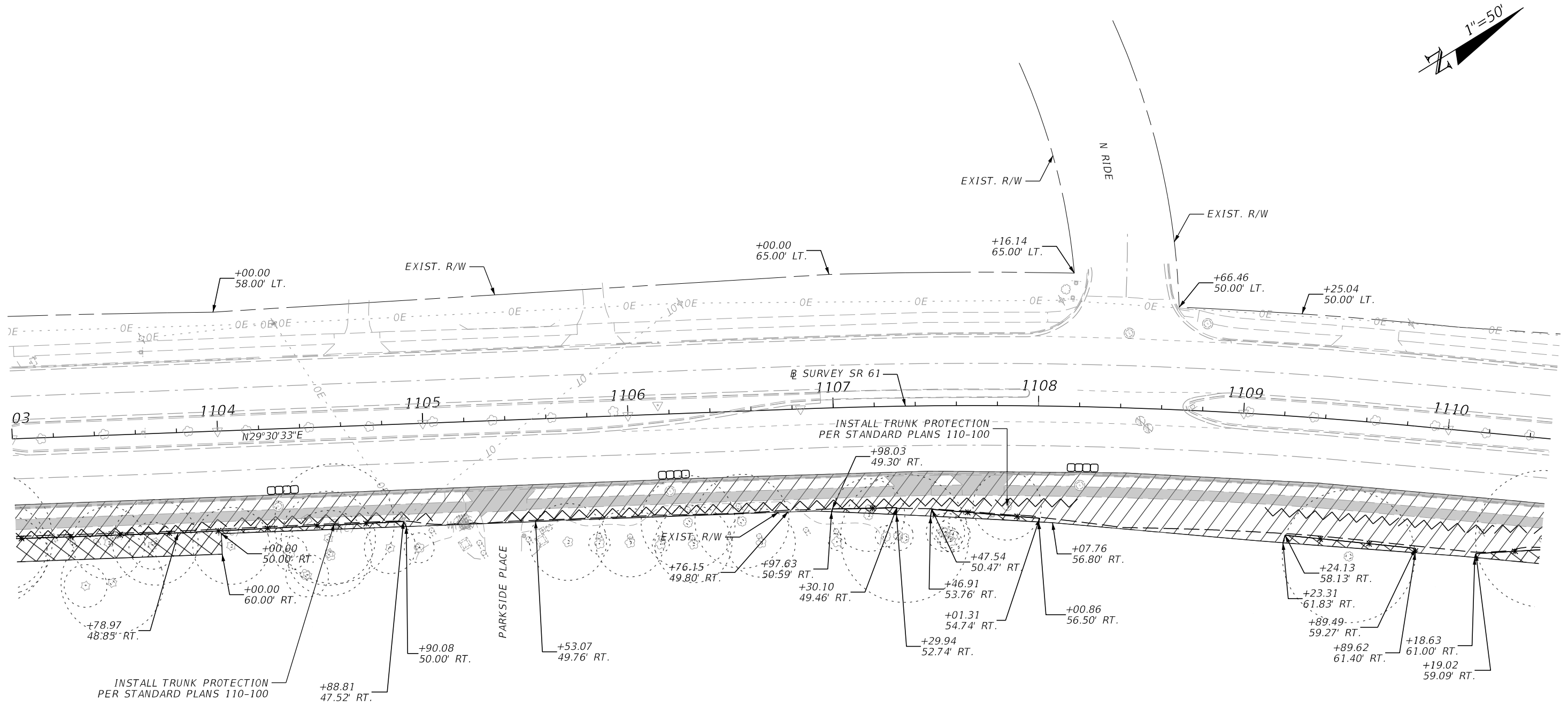
- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			99

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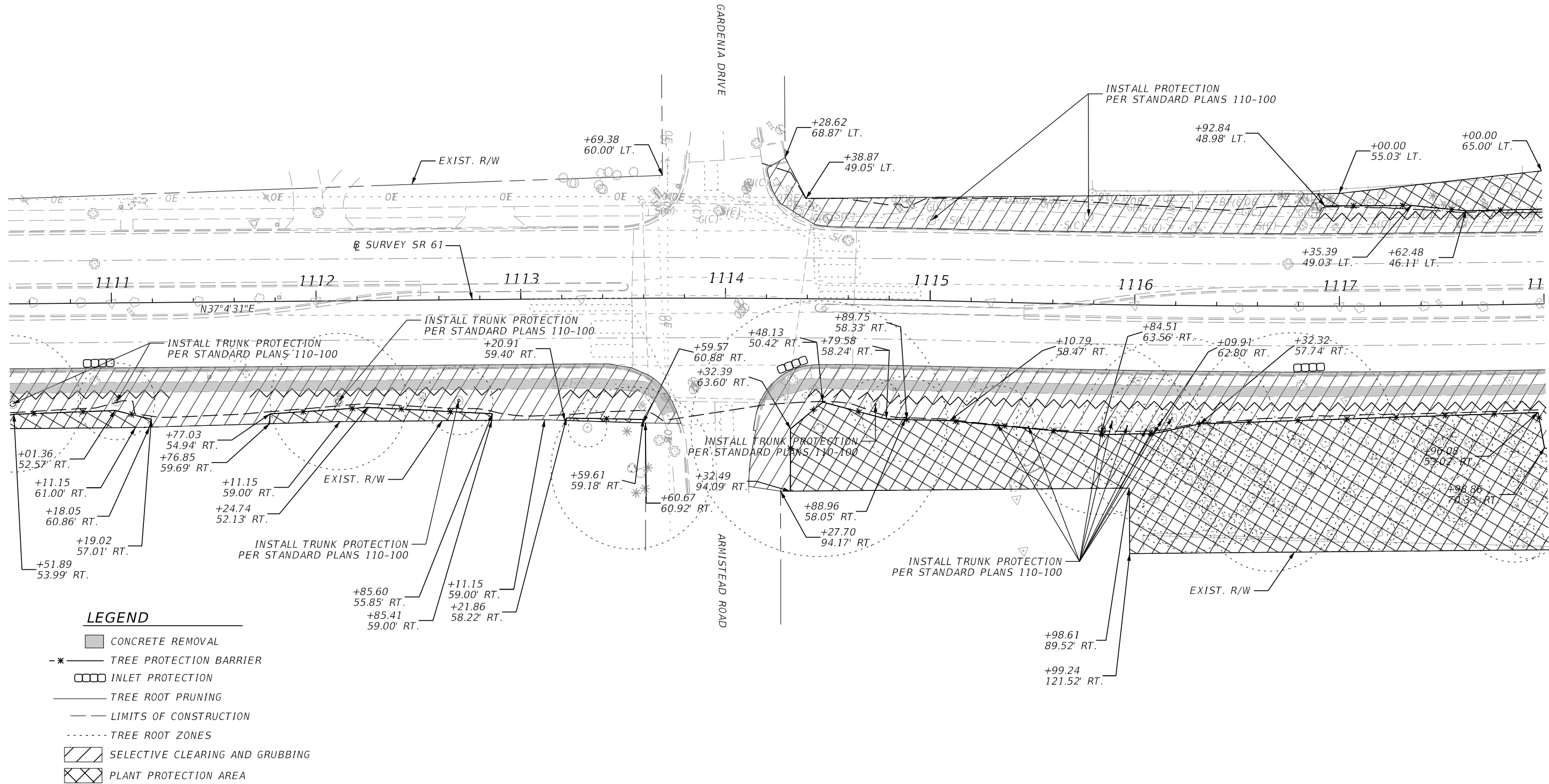
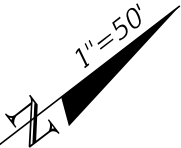
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- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01	

**SELECTIVE CLEARING AND
GRUBBING PLAN**

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION



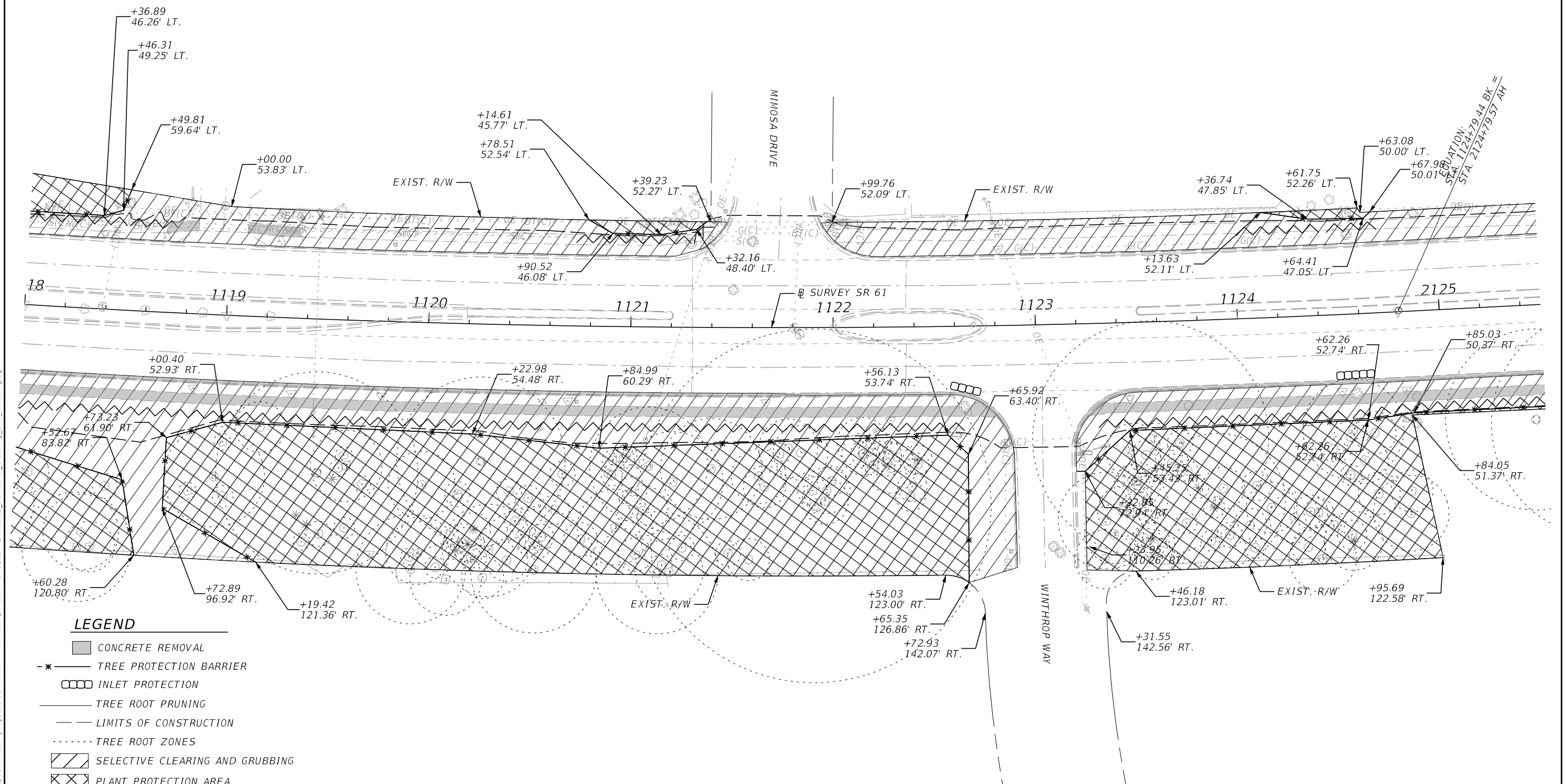
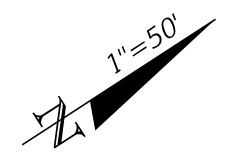
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01	
					SELECTIVE CLEARING AND GRUBBING PLAN			101

SELECTIVE CLEARING AND
GRUBBING PLAN

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION



LEGEND

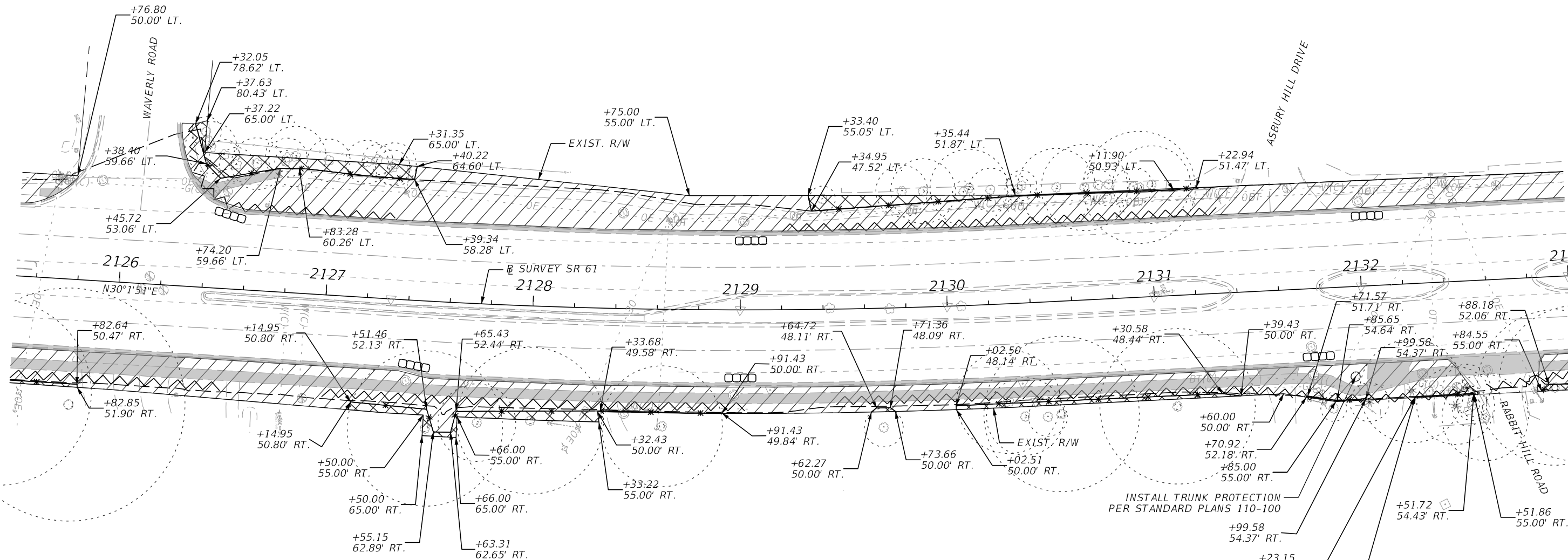
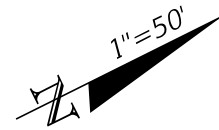
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- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			102	

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION



LEGEND

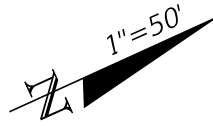
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- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			103

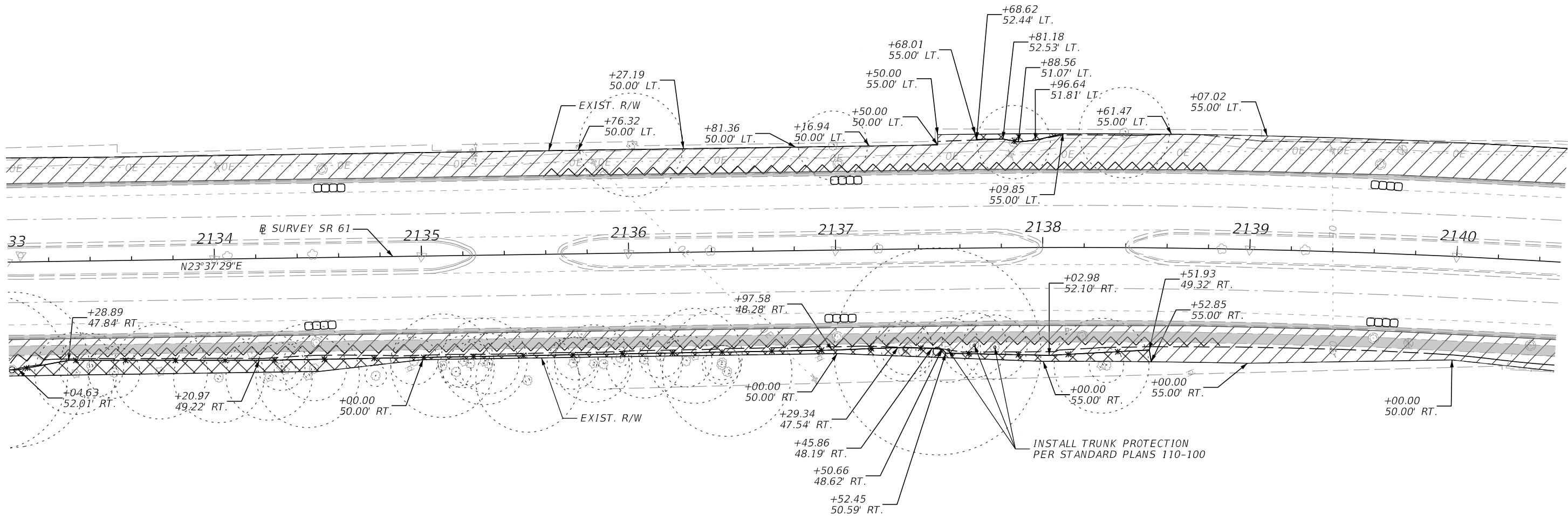
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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION



LEGEND

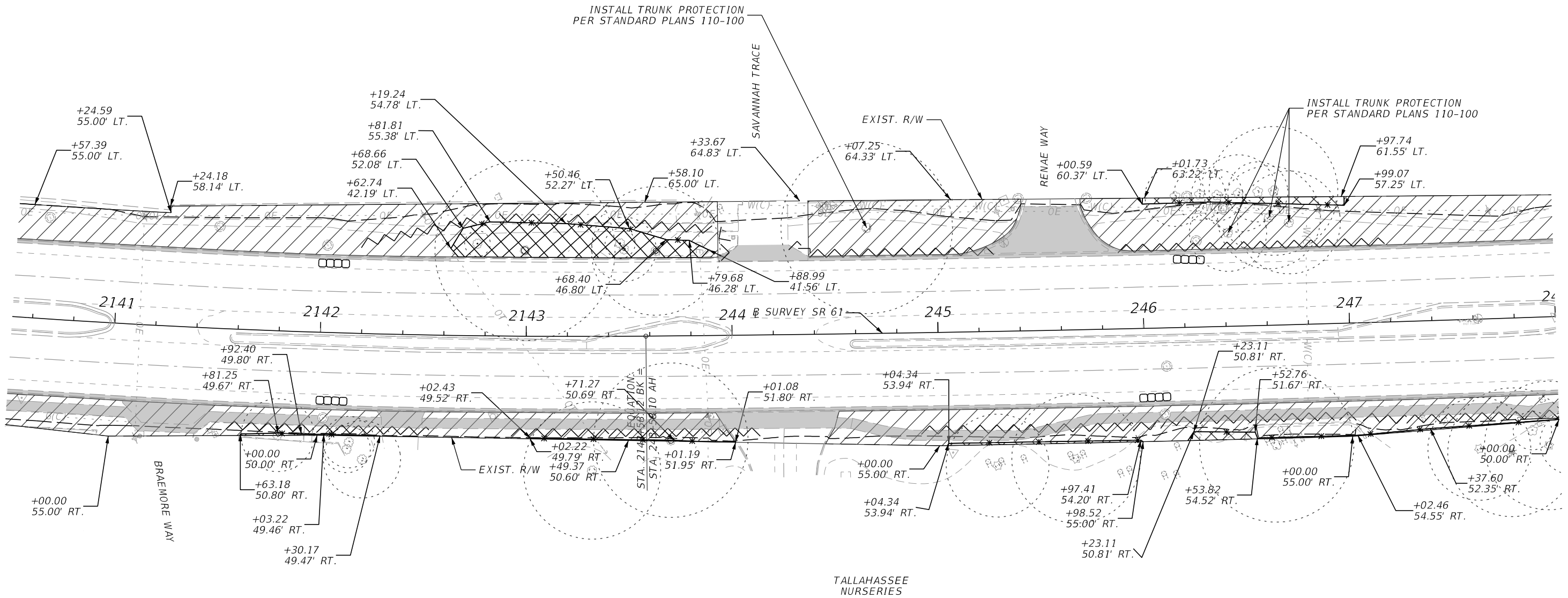
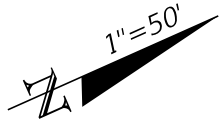
- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
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REVISIONS				ENGINEER OF RECORD	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023				JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312	SR 61	LEON	448868-1-52-01	104

JAMES J. JOHNSON, P.E.
LICENSE NUMBER: 62546
MOTT MACDONALD FLORIDA, LLC.
1300 TIMBERLANE ROAD
TALLAHASSEE, FLORIDA 32312

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION



LEGEND

- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
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- PLANT PROTECTION AREA

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID			
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			105

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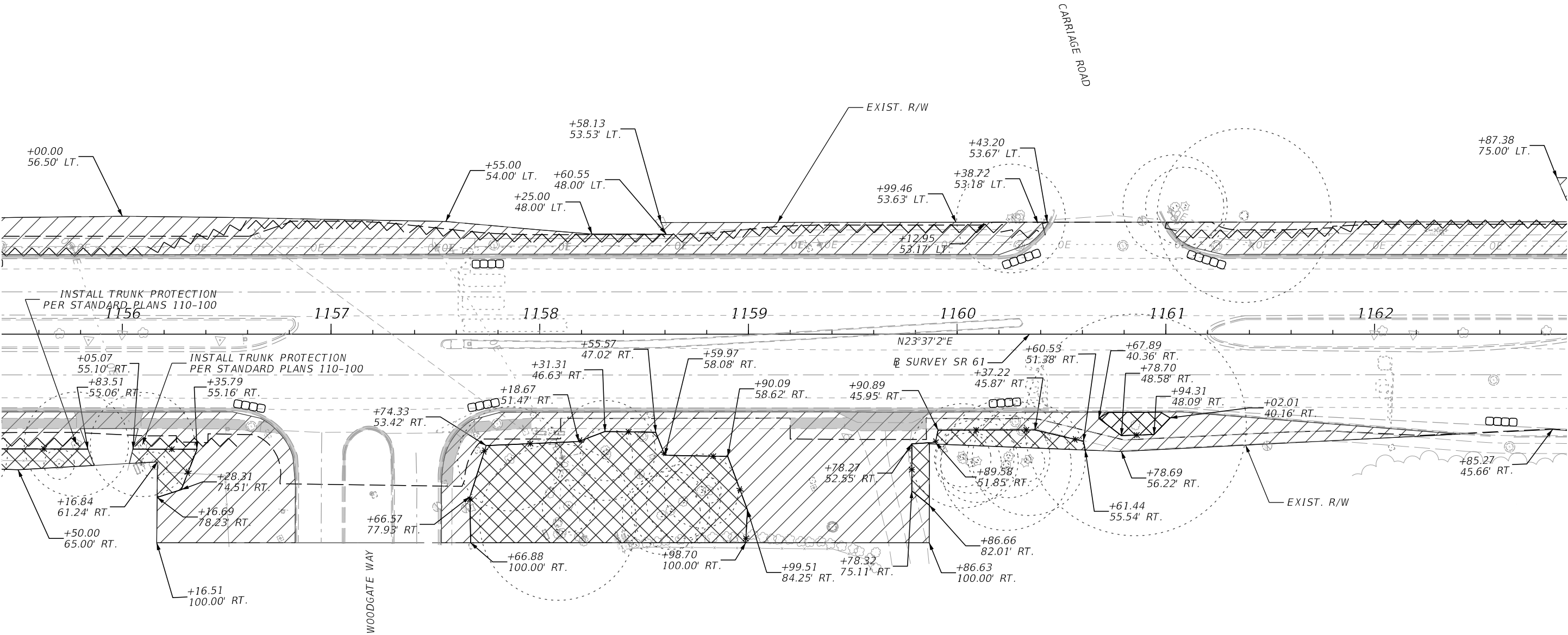


- | REVISIONS | | | | ENGINEER OF RECORD | STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION | | | <i>SELECTIVE CLEARING AND
GRUBBING PLAN</i> | SHEET
NO. |
|-----------|--|------|-------------|---|--|--------|----------------------|---|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | JAMES J. JOHNSON, P.E.
LICENSE NUMBER: 62546
MOTT MACDONALD FLORIDA, LLC.
1300 TIMBERLANE ROAD
TALLAHASSEE, FLORIDA 32312 | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | | 106 |
| | Preliminary, Subject to Change
Phase II Submittal, April 21, 2023 | | | | SR 61 | LEON | 448868-1-52-01 | | |

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WARNING: GAS MAIN IN THE
AREA OF CONSTRUCTION

1"=50'



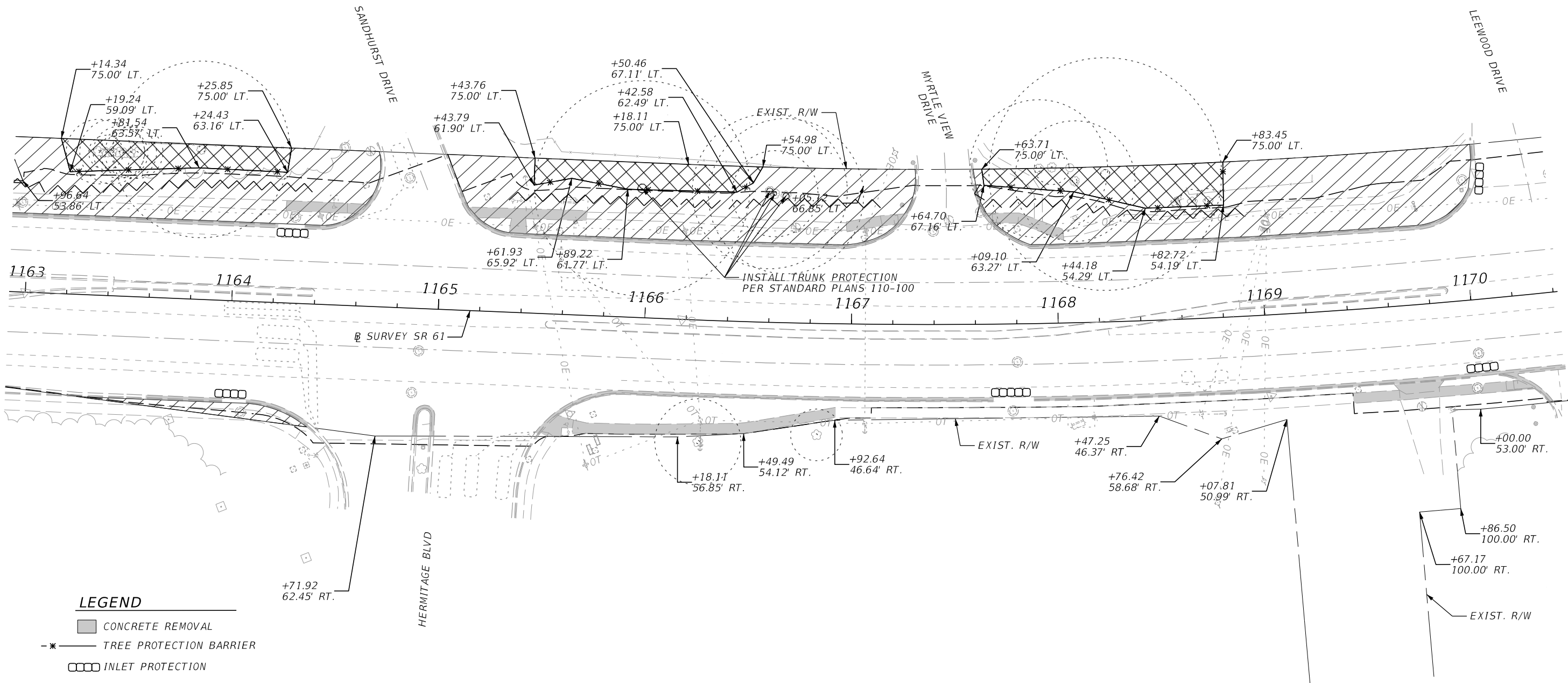
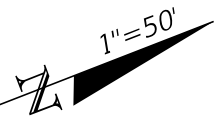
LEGEND

- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			107	

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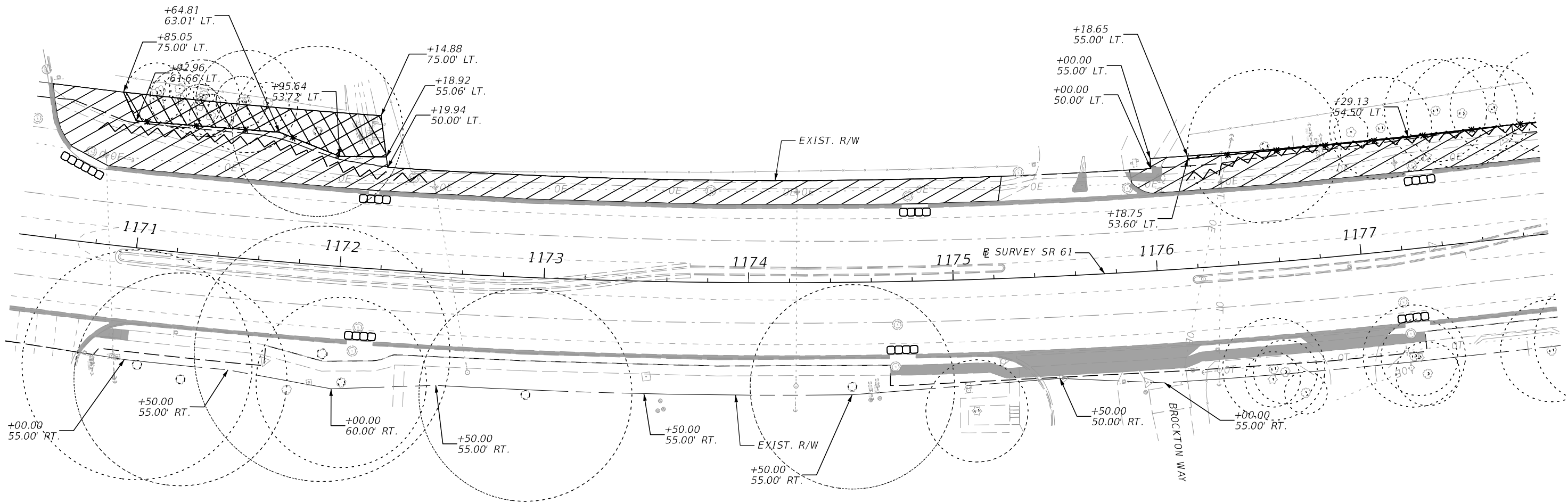
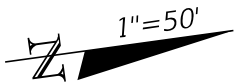
LEGEND

- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SELECTIVE CLEARING AND GRUBBING PLAN		SHEET NO.	
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID				
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023						SR 61	LEON	448868-1-52-01			108	

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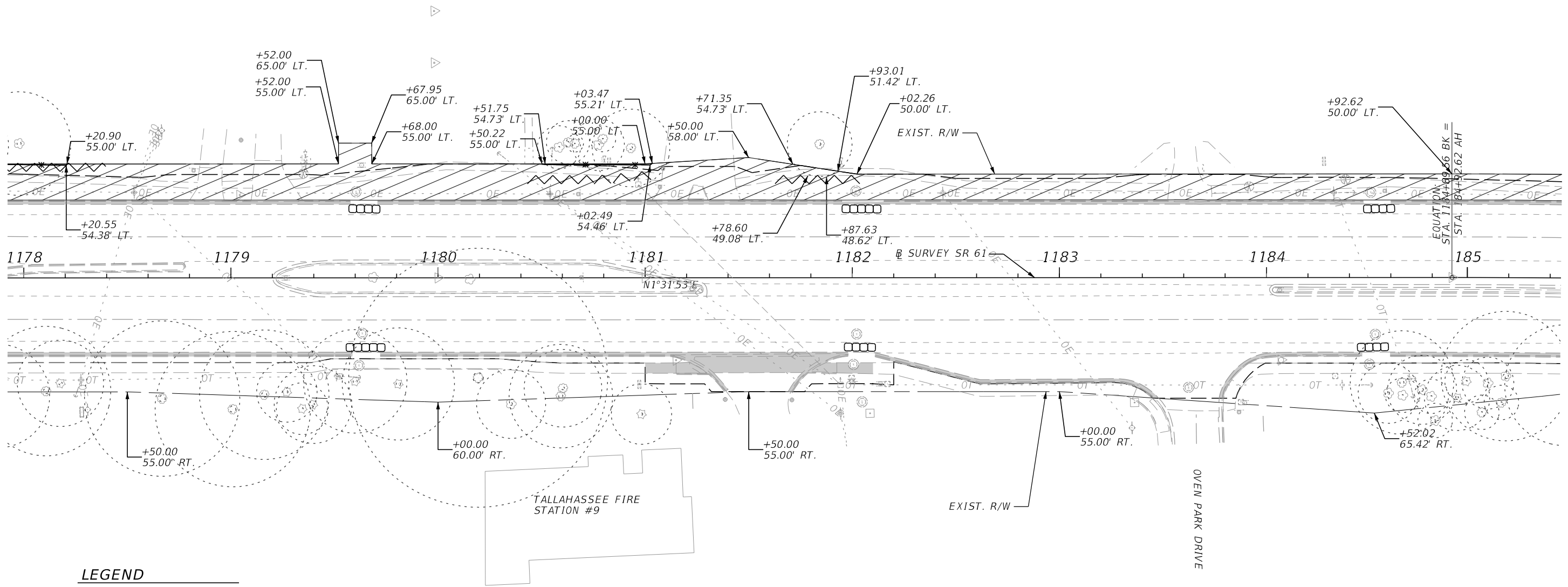
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- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
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- TREE ROOT ZONES
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Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01		

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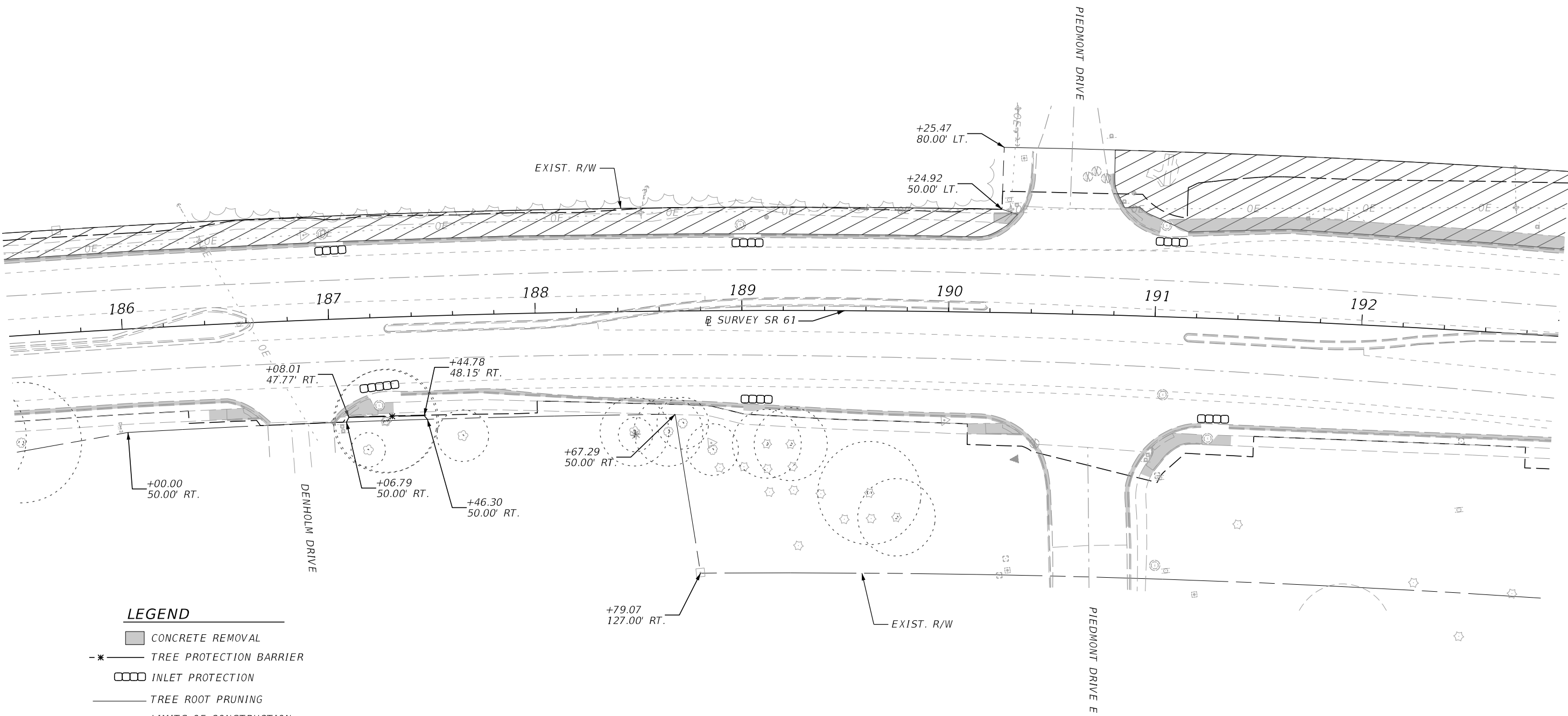
LEGEND

- CONCRETE REMOVAL
- TREE PROTECTION BARRIER
- INLET PROTECTION
- TREE ROOT PRUNING
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	Preliminary, Subject to Change Phase II Submittal, April 21, 2023				SR 61	LEON	448868-1-52-01	
SELECTIVE CLEARING AND GRUBBING PLAN								
								110

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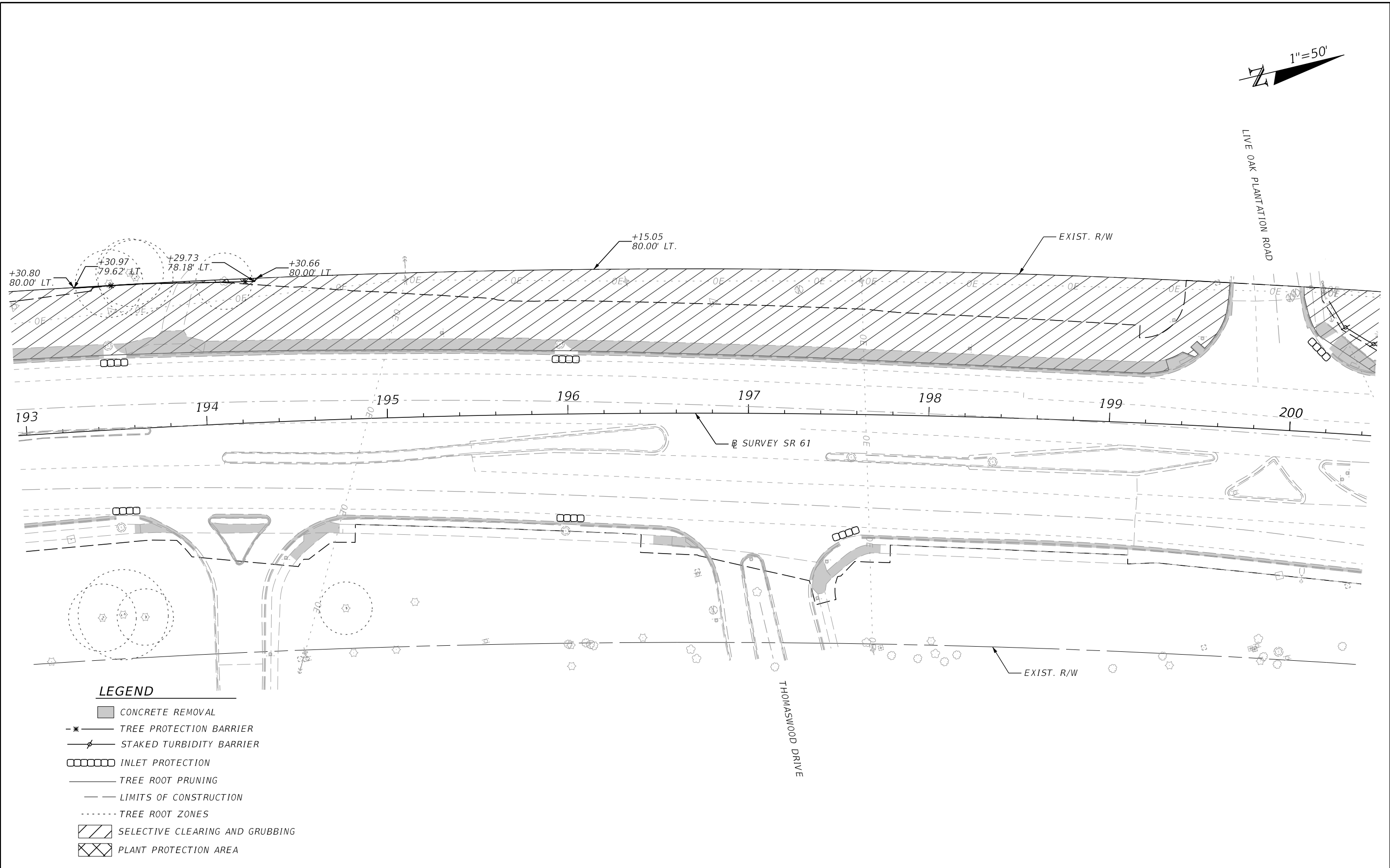
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- INLET PROTECTION
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- TREE ROOT ZONES
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Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01	
					SELECTIVE CLEARING AND GRUBBING PLAN			111

JAMES J. JOHNSON, P.E.
LICENSE NUMBER: 62546
MOTT MACDONALD FLORIDA, LLC.
1300 TIMBERLANE ROAD
TALLAHASSEE, FLORIDA 32312

SELECTIVE CLEARING AND GRUBBING PLAN

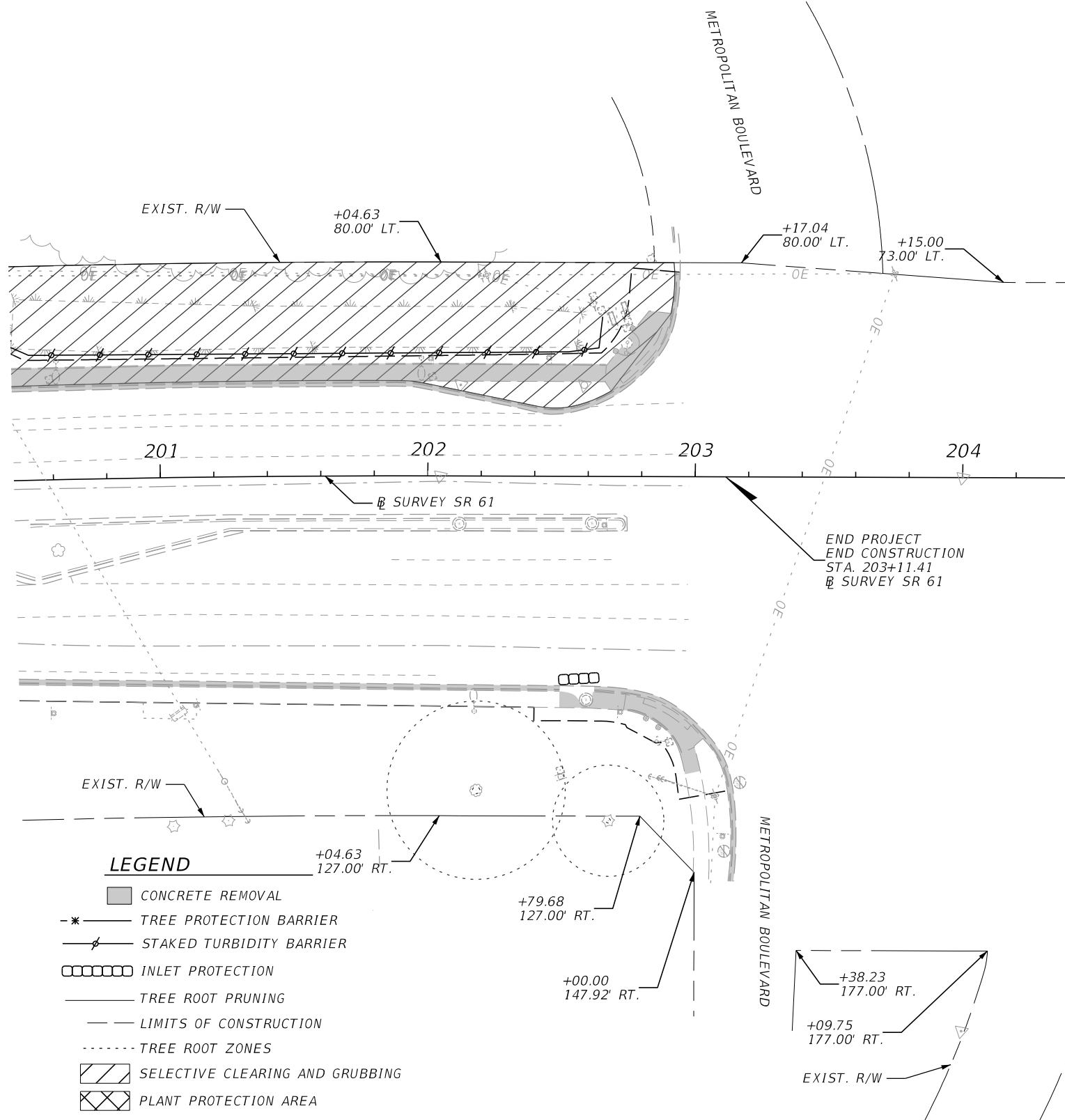
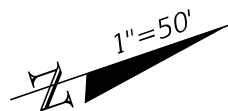
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DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		ROAD NO.	COUNTY	FINANCIAL PROJECT ID			112	
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023					SR 61	LEON	448868-1-52-01				

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FULL MITIGATION TREATMENT (FMT) NOTES:

GENERAL:

1. THE FMT CONSISTS OF TREATING ALL TREES, 6" CALIPER AND LARGER, AND TREE PARTS WITHIN THE RIGHT OF WAY OF THE PROJECT LIMITS.
2. TREE PROTECTION BARRIER SHALL BE USED TO PREVENT ANY ENCROACHMENT INTO THE CRITICAL ROOT ZONE (CRZ) OR DRIPLINE OF THE TREES, WHICHEVER IS GREATER. IN AREAS WHERE THE CONSTRUCTION IS PROPOSED WITHIN THE CRZ OR DRIPLINE, THE TREE PROTECTION BARRIER SHALL BE LOCATED AT THE LIMITS OF CONSTRUCTION (LOC).
3. BARRICADES SHALL BE INSTALLED PRIOR TO THE START OF ANY WORK.
4. BARRICADES SHALL BE CONSTRUCTED PER DEPARTMENT STANDARD PLANS 110-100.

PRUNING:

1. PERFORM PRUNING TO IMPROVE SAFETY, AESTHETICS AND VIGOR.
2. PERFORM VERTICAL AND HORIZONTAL CLEARANCE PRUNING AS REQUIRED TO MEET THE REQUIREMENTS OF THE NEW CROSS SECTION.
3. PRUNING SHALL BE PERFORMED IN ACCORDANCE WITH ISA STANDARDS.
4. PRUNING SHALL INCLUDE THE REMOVAL OF DEAD, DYING, DISEASED, INTERFERING AND/OR WEAK BRANCHES OF THE MAIN TRUNK, AS WELL AS THOSE WITHIN THE SUPPORTING CANOPY.
5. VINE SEVERING AND REMOVAL WHERE POSSIBLE IS REQUIRED TO IMPROVE CANOPY HEALTH.
6. MAKE PROPER CUTS AT THE BRANCH COLLAR WITH UNDERCUTS AND NO STRIPPING OF THE BARK.

DEEP ROOT FERTILIZATION:

1. PRIOR TO ANY DEMOLITION OR CONSTRUCTION, THE AFFECTED TREES SHALL BE FERTILIZED, FROM THE TRUNK TO THE CRZ OR DRIPLINE, WHICHEVER IS GREATER. IF PORTIONS OF THE CRZ OR DRIPLINE EXTEND BEYOND A HARD SURFACE (ASPHALT OR CONCRETE), STOP THE FERTILIZER ONCE THE HARD SURFACE IS REACHED.
2. A LIQUID FERTILIZER WITH SLOW-RELEASE NITROGEN AND MICRONUTRIENTS SHALL BE INJECTED INTO THE SOIL TO A DEPTH OF 10 INCHES AT 150-200 PSI.
3. THE INJECTIONS WILL BE MADE ON A 3'X3' GRID BENEATH THE CANOPY EXTENDING OUT TO THE DRIPLINE IN ALL DIRECTIONS. IF PORTIONS OF THE CRZ OR DRIPLINE EXTEND BEYOND A HARD SURFACE (ASPHALT OR CONCRETE), STOP THE INJECTIONS ONCE THE HARD SURFACE IS REACHED.
4. FERTILIZER SHALL BE APPLIED AT AN EQUIVALENT RATE OF 3 POUNDS PER 1,000 SQUARE FEET.

ROOT PRUNING:

1. ALL ROOTS LARGER THAN 1/2", WHICH ARE EXPOSED BY EXCAVATION NECESSARY FOR CONSTRUCTION, WILL BE CUT CLEANLY AND TREATED WITH AN APPROVED FUNGICIDE TO PREVENT FUTURE IMPACT TO THE PROJECT.
2. ALL ROOTS THAT ARE INADVERTENTLY EXPOSED SHALL BE TOP-DRESSED WITH 2" OF CLEAN TOPSOIL.

MONITORING AND REPORTING:

1. ALL TREE PROTECTION MEASURES AND ACTIVITIES SHALL BE MONITORED AND APPROVED THROUGHOUT THE CONSTRUCTION PERIOD BY AN ISA CERTIFIED ARBORIST.
2. PRIOR TO CONSTRUCTION, AN INITIAL EVALUATION REPORT WILL BE PREPARED THAT ADDRESSES THE CURRENT CONDITION OF THE TREES THAT WILL BE TREATED AND MONITORED AS A PART OF THE SCOPE.
3. IN ADDITION, THE CERTIFIED ARBORIST SHALL INSPECT THE TREE MONTHLY FOR A MINIMUM OF TWELVE 12 MONTHS FROM TREATMENT OR UNTIL THE PROJECT IS ACCEPTED BY FDOT, WHICHEVER IS GREATER. A MONTHLY PROGRESS REPORT WILL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION
	Preliminary, Subject to Change Phase II Submittal, April 21, 2023		

ENGINEER OF RECORD	
JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312	

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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