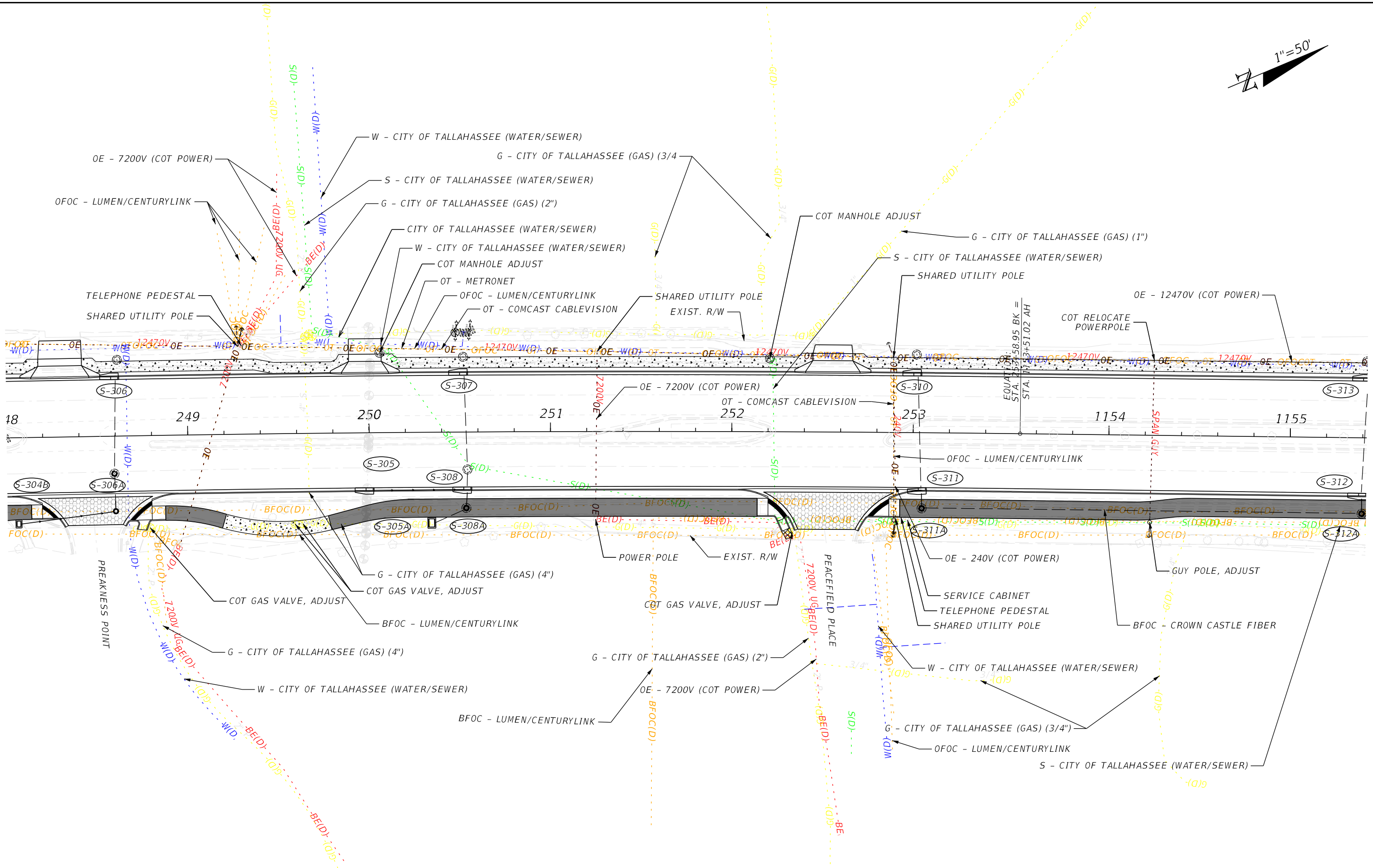
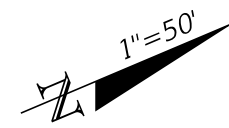


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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023						SR 61	LEON	448868-1-52-01	92

**UTILITY ADJUSTMENTS**

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

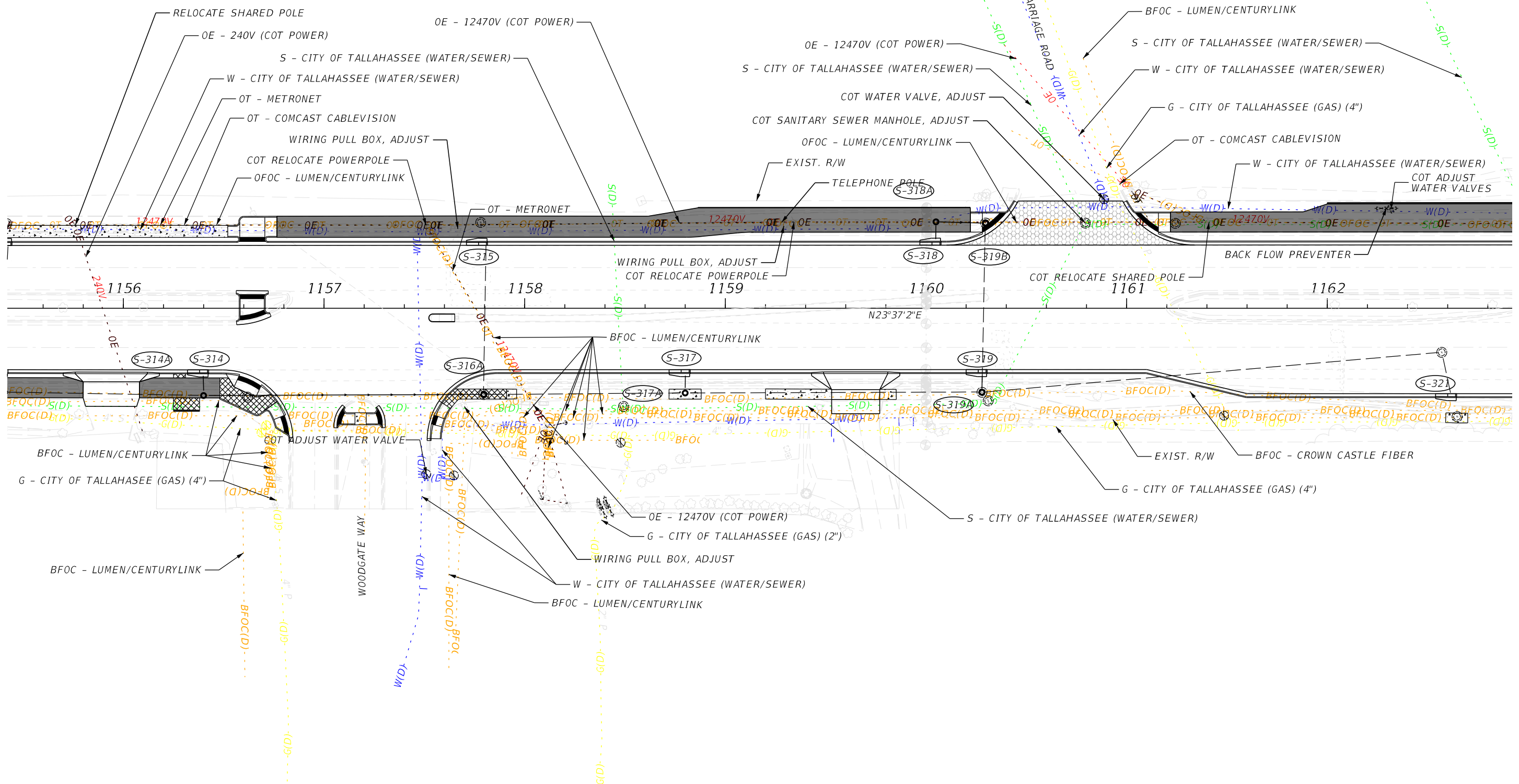
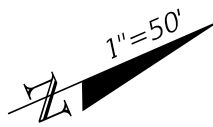


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		SR 61	LEON	448868-1-52-01	93

**UTILITY ADJUSTMENTS**

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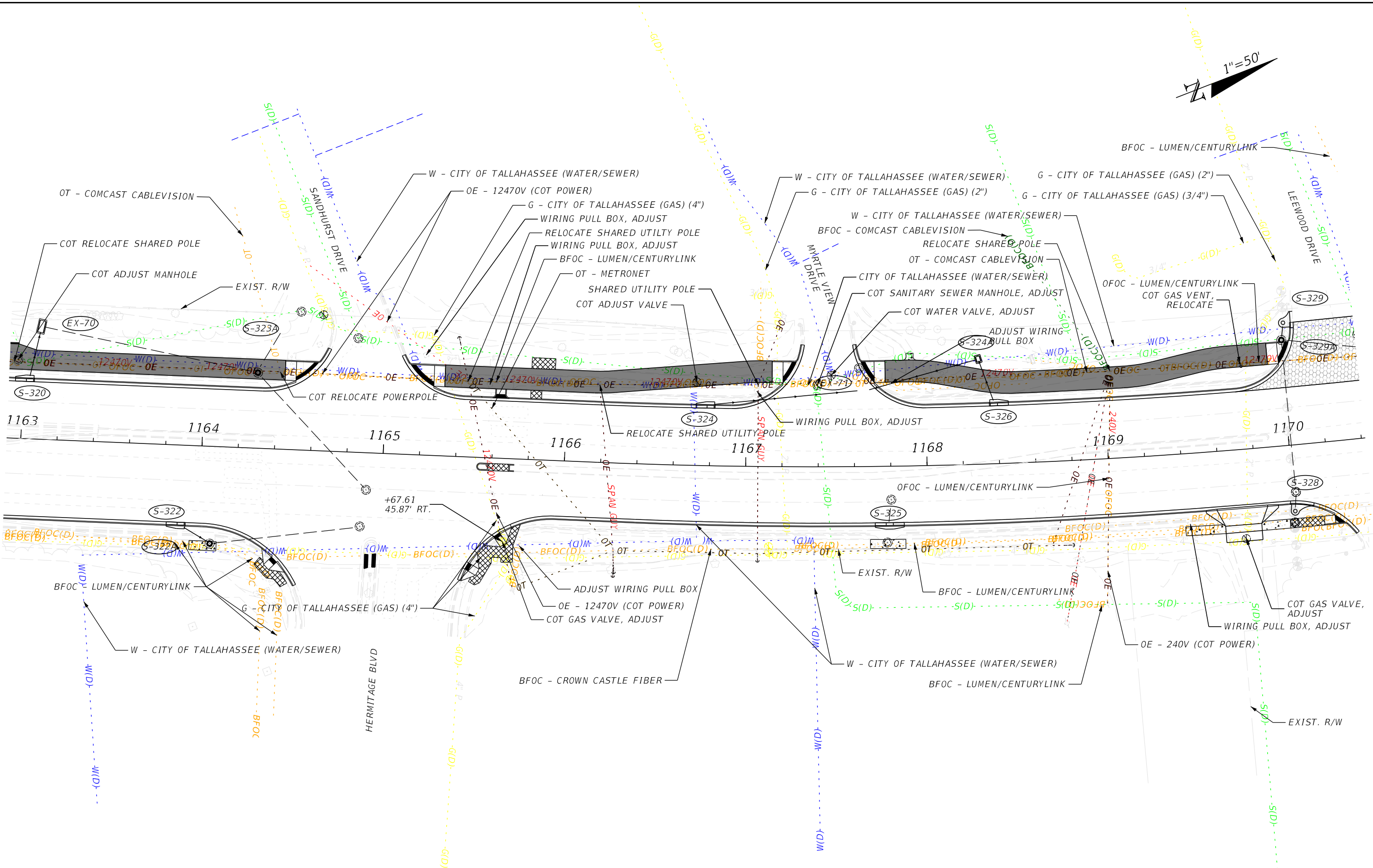
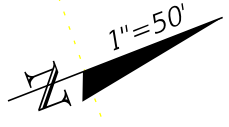
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		SR 61	LEON	448868-1-52-01	94

**UTILITY ADJUSTMENTS**

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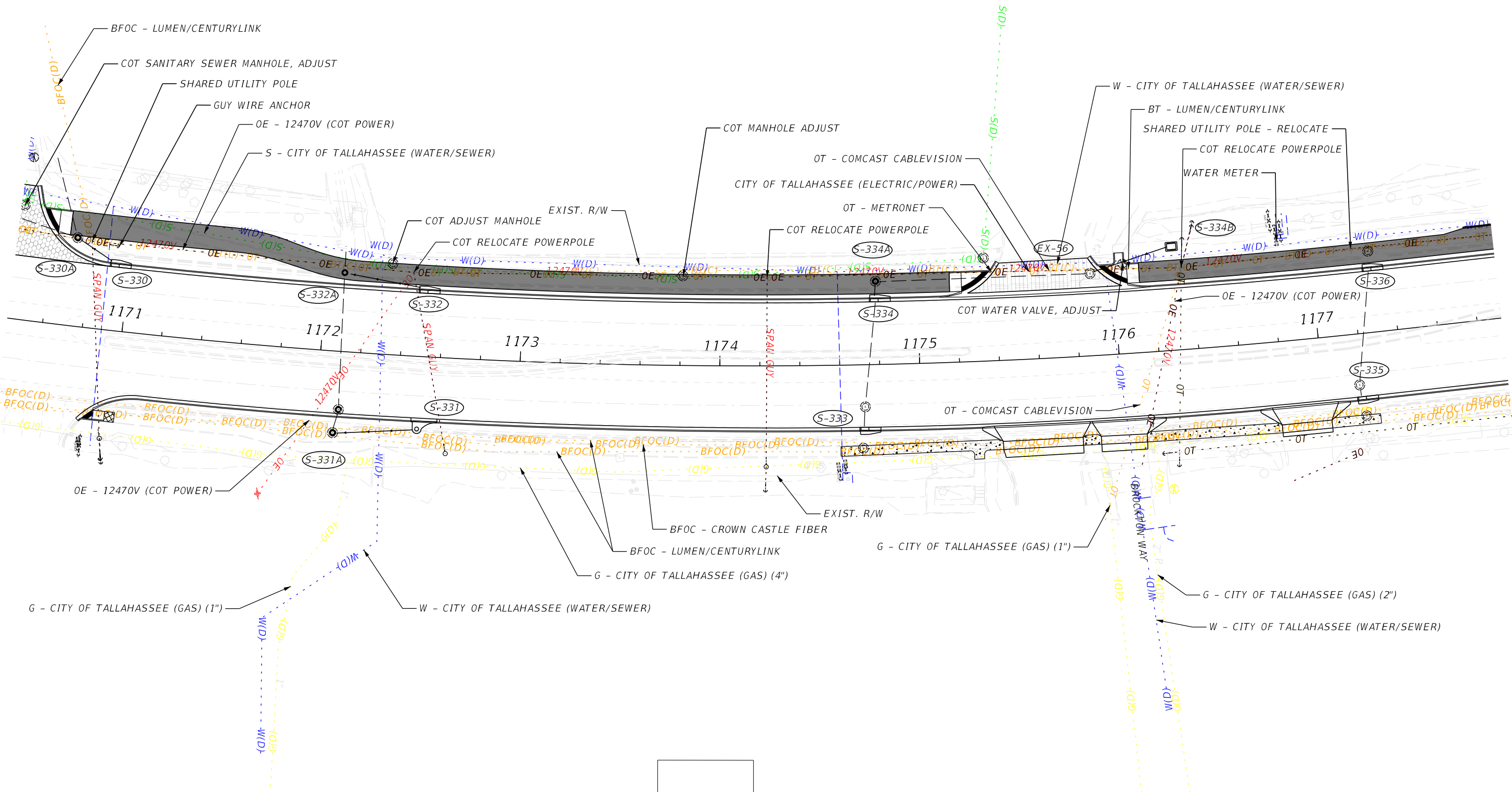
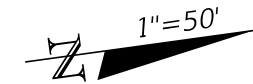


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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	<b>Preliminary, Subject to Change Phase IV Submittal, October 19, 2023</b>			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		SR 61	LEON	448868-1-52-01	95

**UTILITY ADJUSTMENTS**

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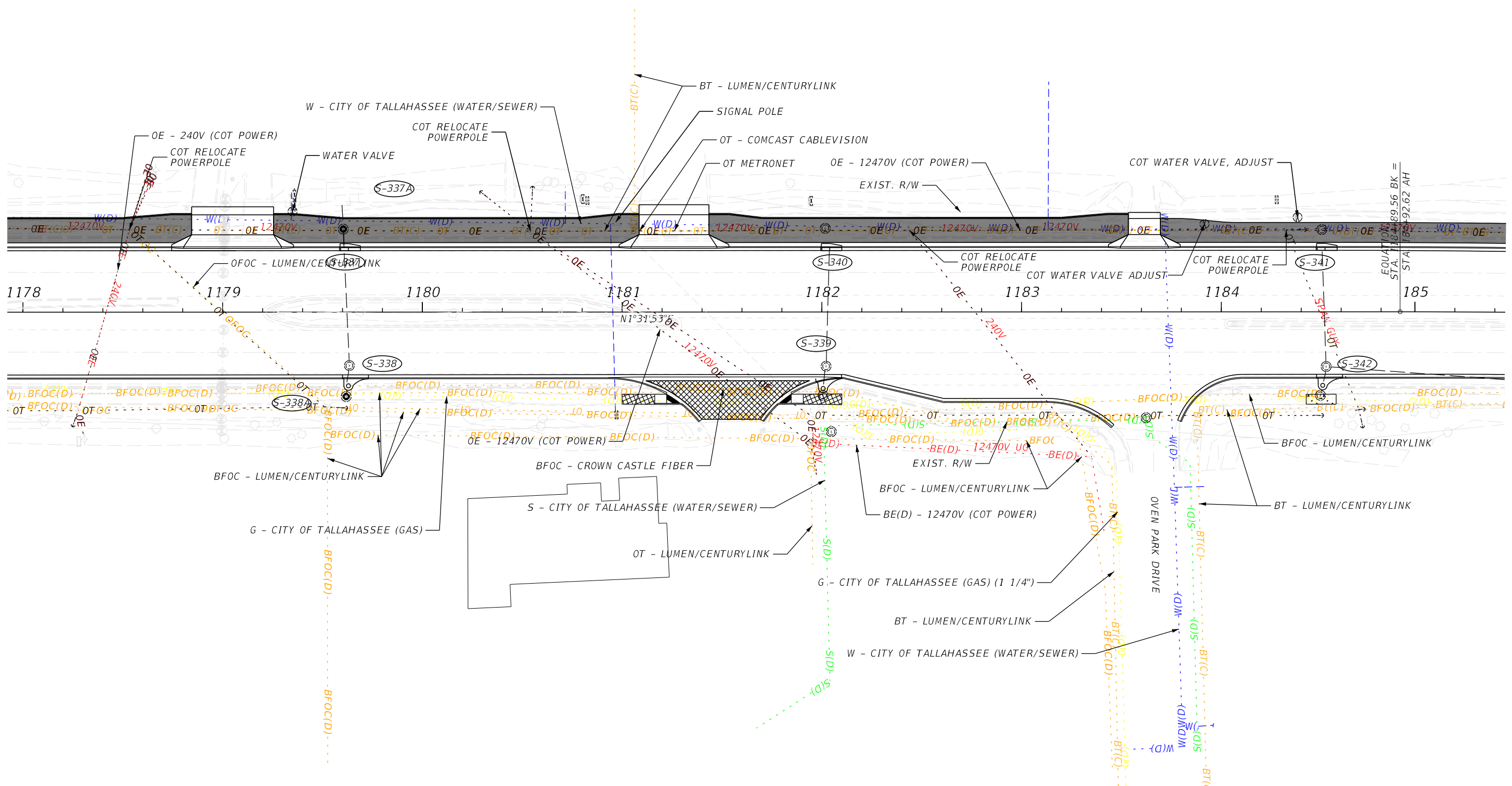
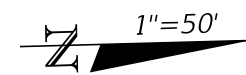


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	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023							SR 61	LEON

**UTILITY ADJUSTMENTS**

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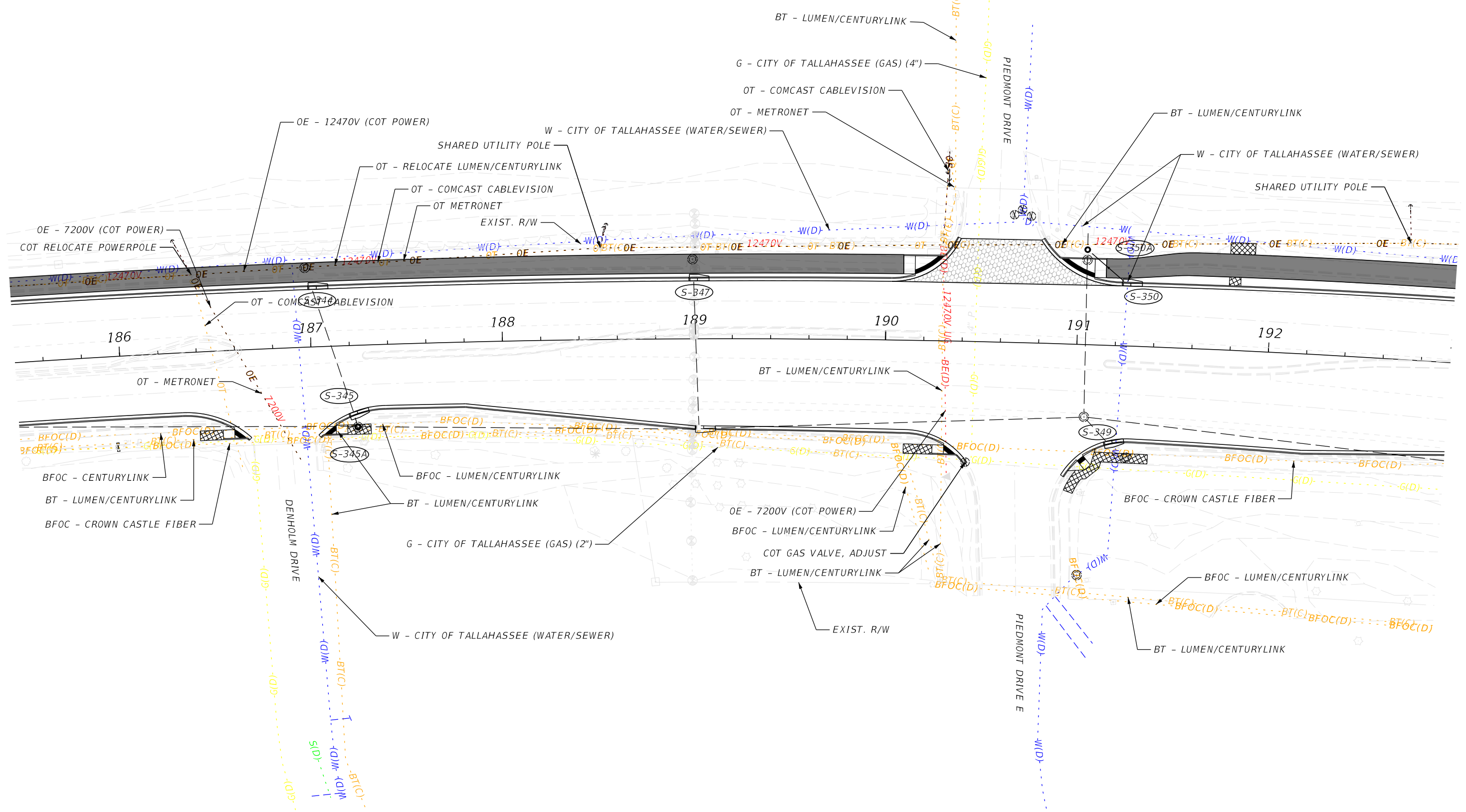
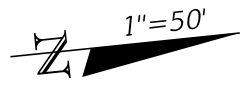
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REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312		SR 61	LEON	448868-1-52-01	97

**UTILITY ADJUSTMENTS**

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023		

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

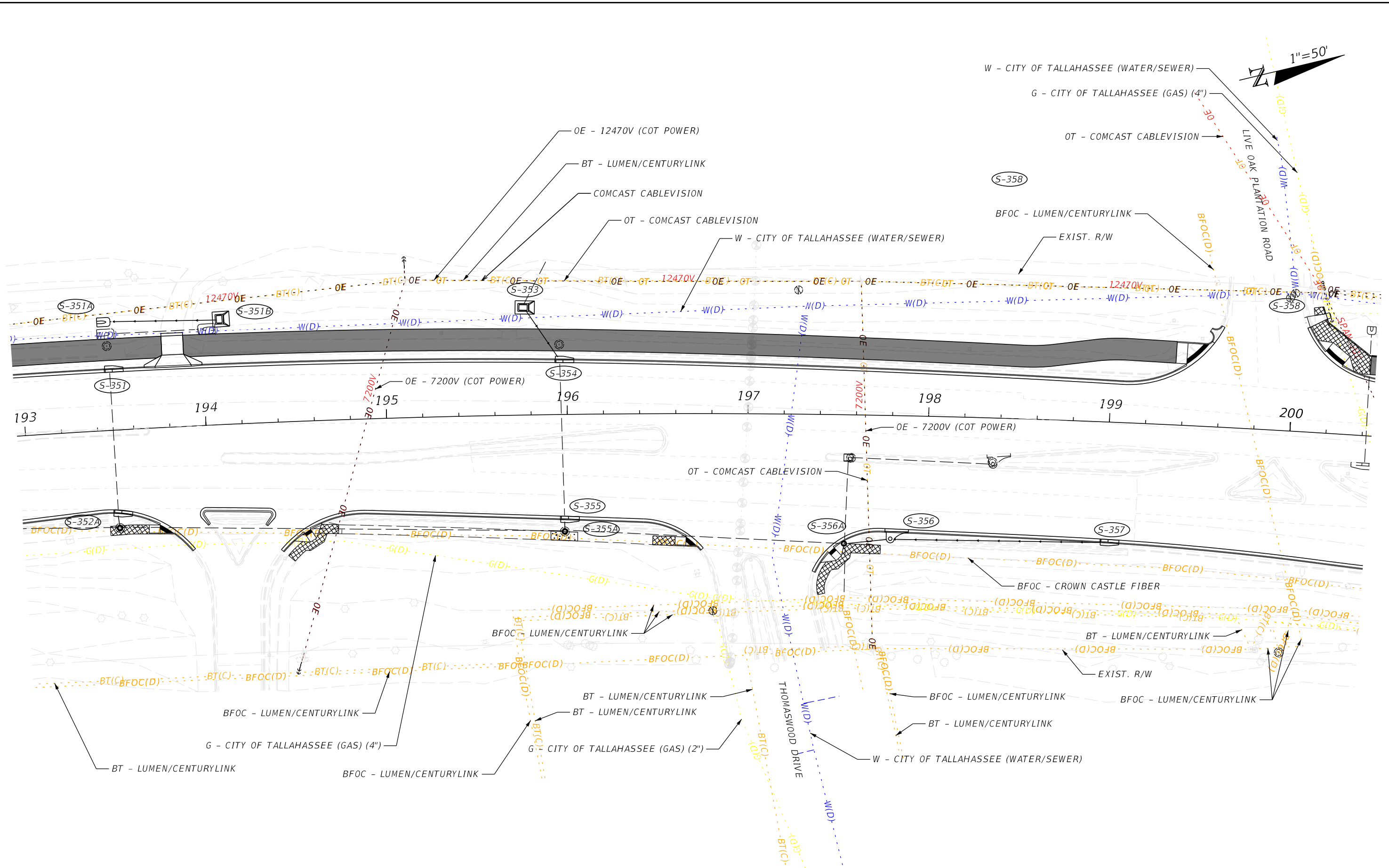
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 61	LEON	448868-1-52-01

**UTILITY ADJUSTMENTS**

SHEET NO.  
98

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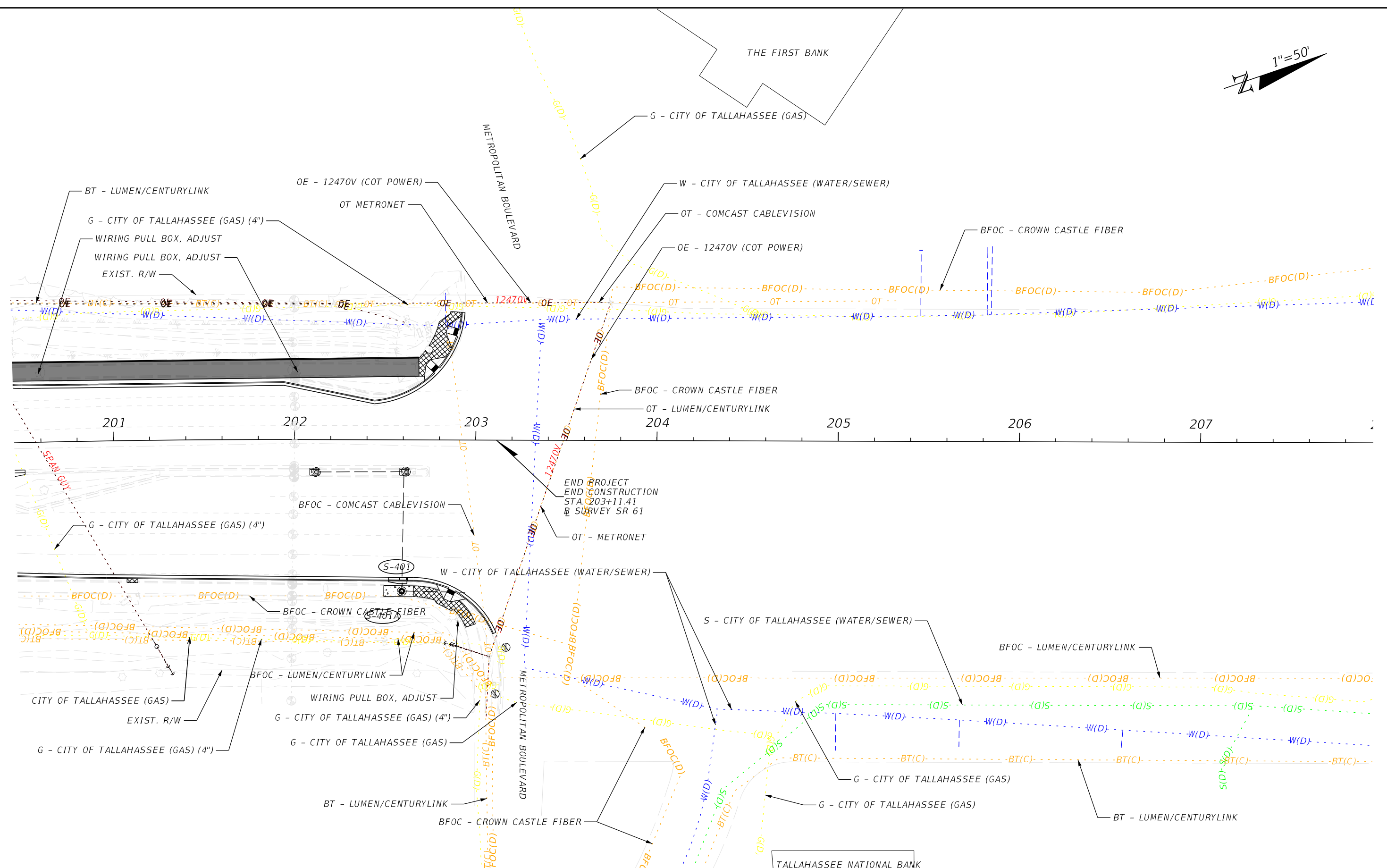
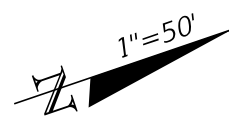


REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			SR 61	LEON	448868-1-52-01	99

**UTILITY ADJUSTMENTS**

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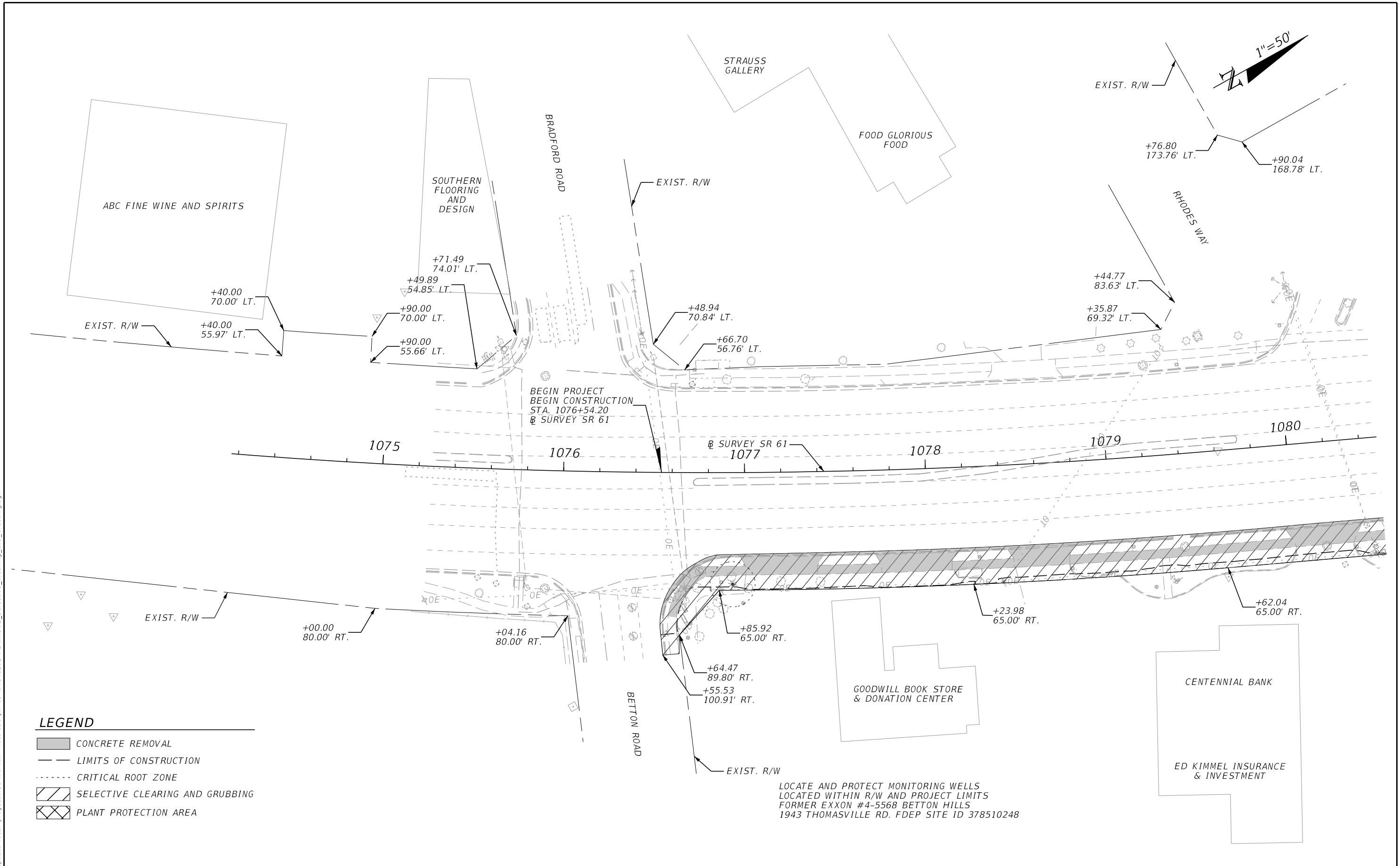
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REVISIONS		REVISIONS		ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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**UTILITY ADJUSTMENTS**

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**LEGEND**

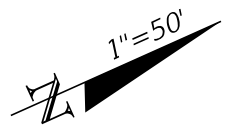
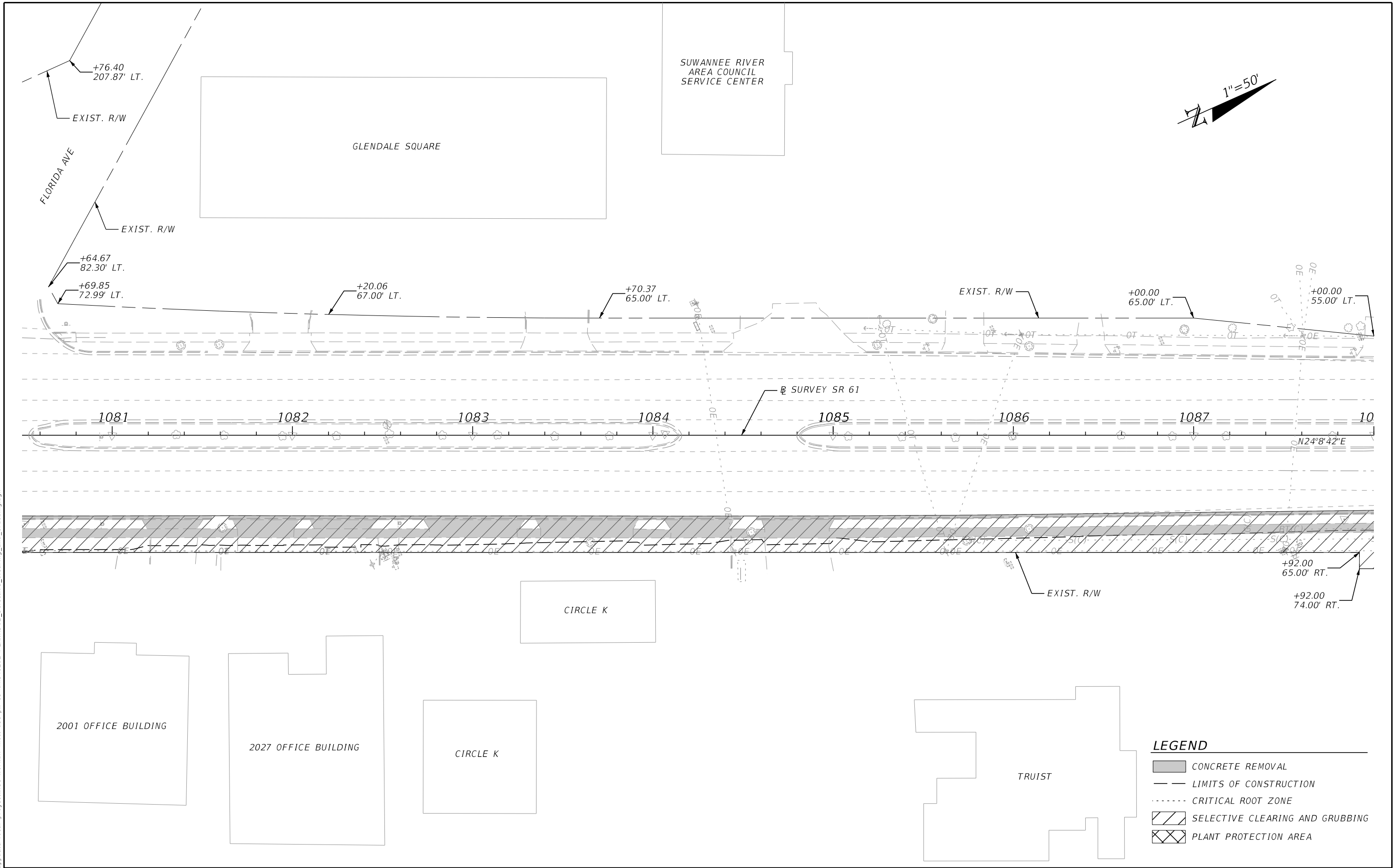
	CONCRETE REMOVAL
	LIMITS OF CONSTRUCTION
	CRITICAL ROOT ZONE
	SELECTIVE CLEARING AND GRUBBING
	PLANT PROTECTION AREA

LOCATE AND PROTECT MONITORING WELLS  
 LOCATED WITHIN R/W AND PROJECT LIMITS  
 FORMER EXXON #4-5568 BETTON HILLS  
 1943 THOMASVILLE RD. FDEP SITE ID 378510248

REVISIONS				ENGINEER OF RECORD		STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>	SHEET NO.  101
DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	Preliminary, Subject to Change Phase IV Submittal, October 19, 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		

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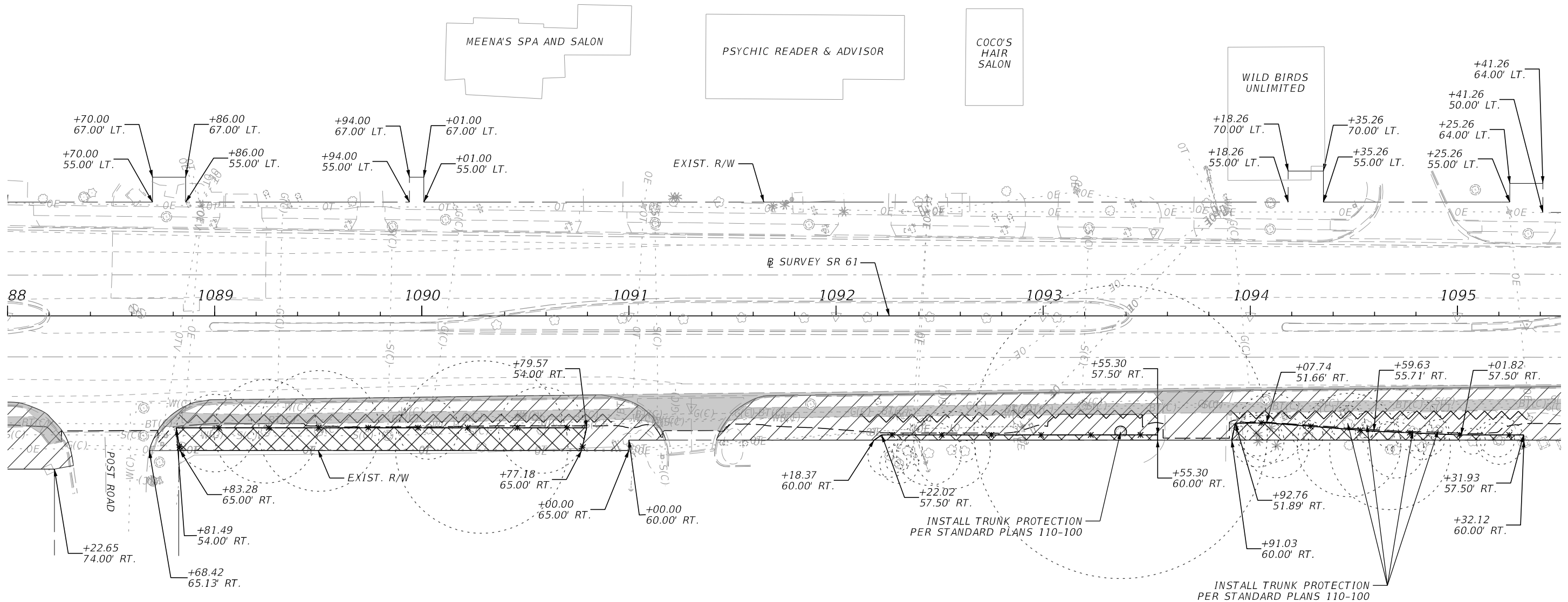
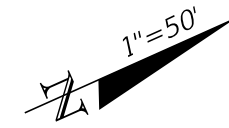
- LEGEND**
- CONCRETE REMOVAL
  - LIMITS OF CONSTRUCTION
  - CRITICAL ROOT ZONE
  - SELECTIVE CLEARING AND GRUBBING
  - PLANT PROTECTION AREA

REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	<div style="display: flex; justify-content: space-between; padding: 0 5px;"> <span>SR 61</span> <span>LEON</span> <span>448868-1-52-01</span> </div>				102
Preliminary, Subject to Change Phase IV Submittal, October 19, 2023				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
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- CRITICAL ROOT ZONE
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

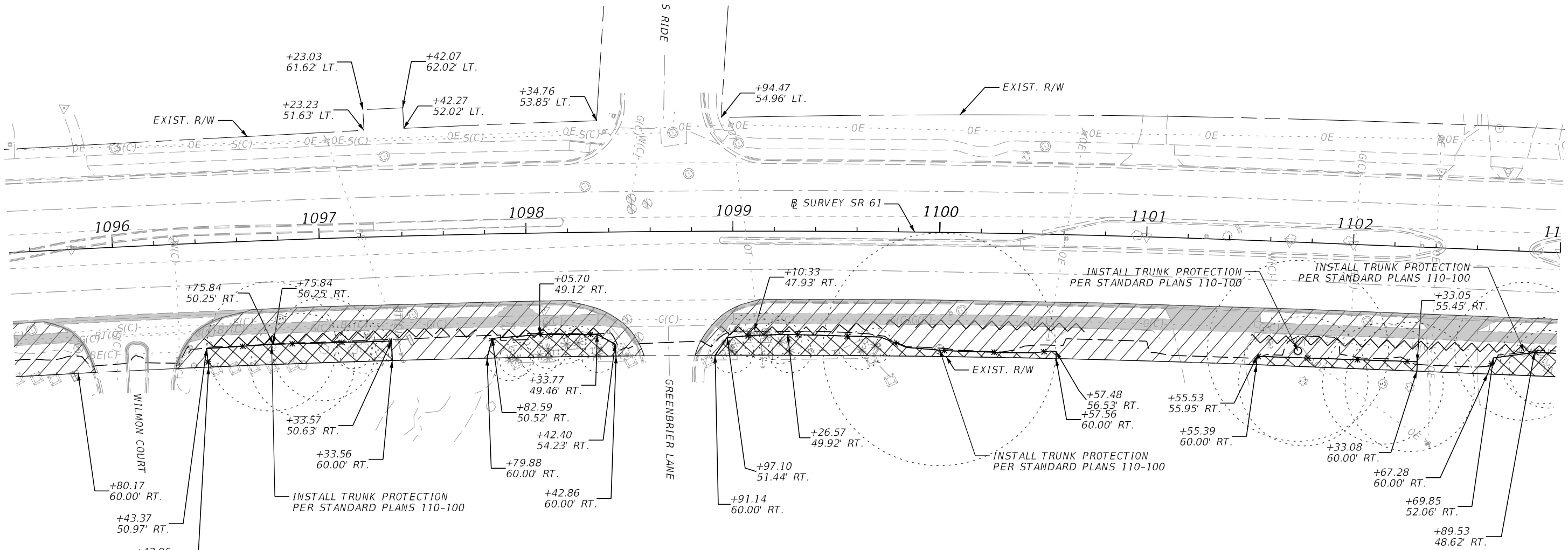
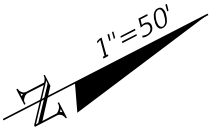
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
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	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			SR 61	LEON	448868-1-52-01	
							<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>			

WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION

CHRIST CHURCH



**LEGEND**

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

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REVISIONS		REVISIONS	
DATE	DESCRIPTION	DATE	DESCRIPTION
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023		

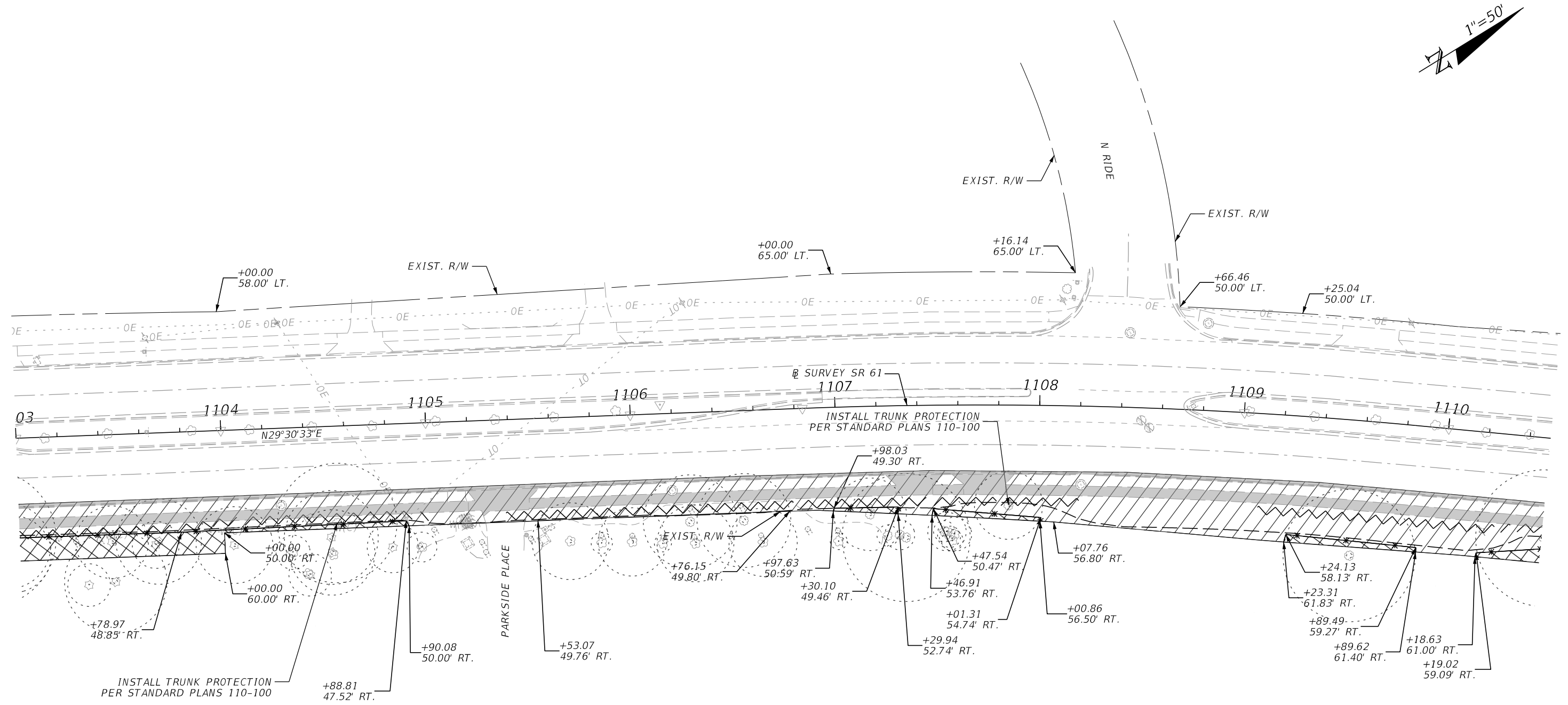
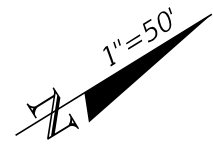
ENGINEER OF RECORD  
 JAMES J. JOHNSON, P.E.  
 LICENSE NUMBER: 62546  
 MOTT MACDONALD FLORIDA, LLC.  
 1300 TIMBERLANE ROAD  
 TALLAHASSEE, FLORIDA 32312

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 61	LEON	448868-1-52-01

**SELECTIVE CLEARING AND GRUBBING PLAN**

SHEET NO.  
104

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- LEGEND**
- CONCRETE REMOVAL
  - TREE PROTECTION BARRIER
  - TREE ROOT PRUNING
  - LIMITS OF CONSTRUCTION
  - CRITICAL ROOT ZONE
  - SELECTIVE CLEARING AND GRUBBING
  - PLANT PROTECTION AREA

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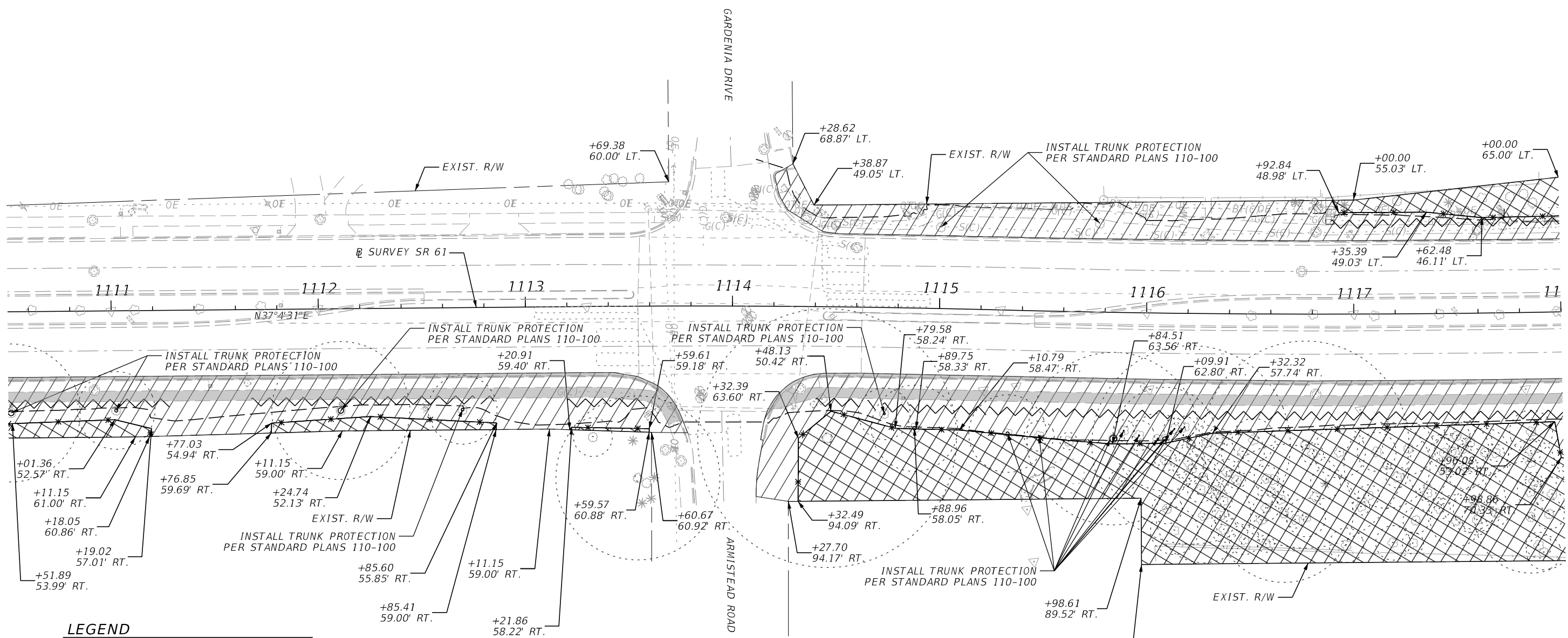
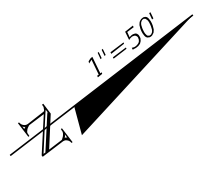
REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			SR 61	LEON	448868-1-52-01	

**SELECTIVE CLEARING AND GRUBBING PLAN**

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WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION



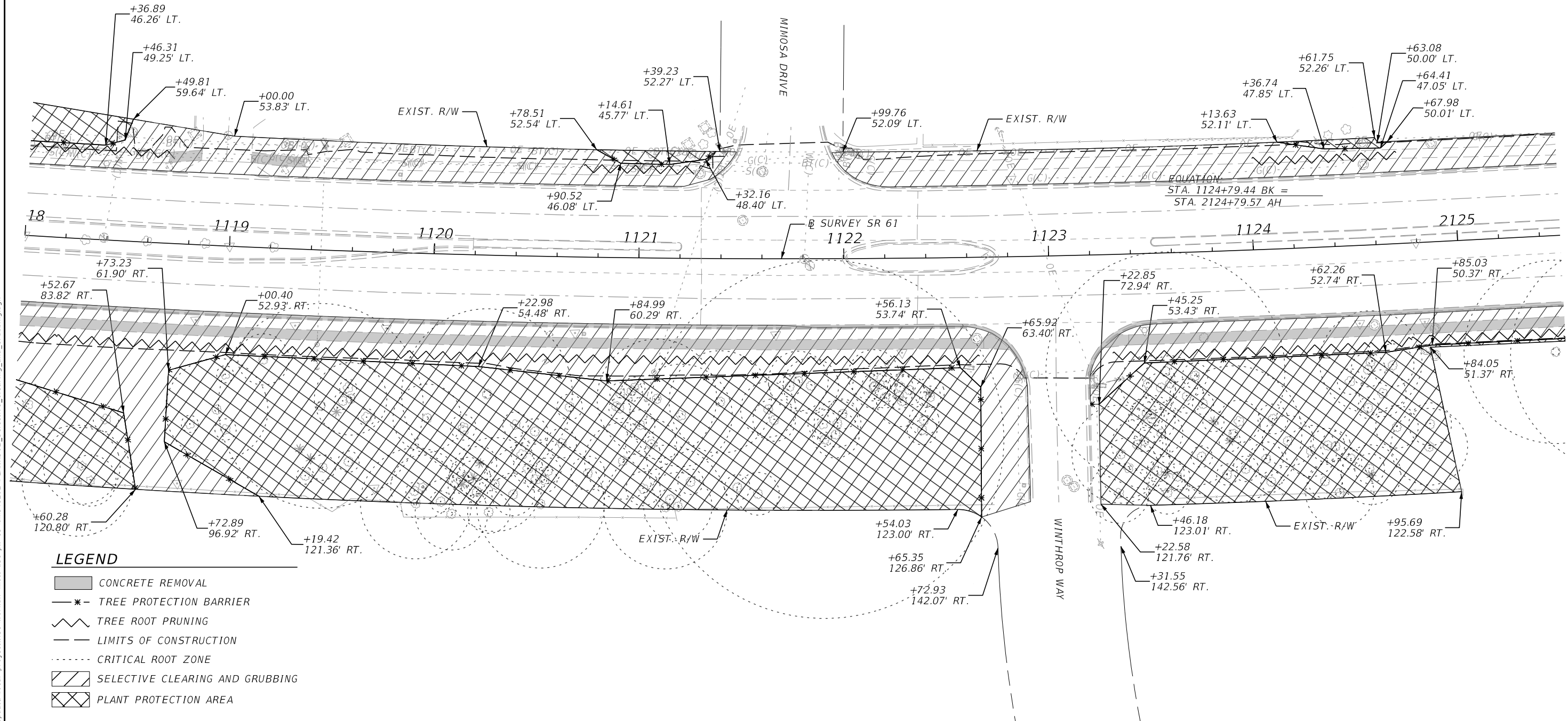
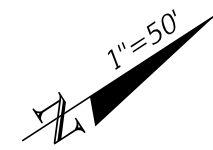
- LEGEND**
- CONCRETE REMOVAL
  - TREE PROTECTION BARRIER
  - TREE ROOT PRUNING
  - LIMITS OF CONSTRUCTION
  - CRITICAL ROOT ZONE
  - SELECTIVE CLEARING AND GRUBBING
  - PLANT PROTECTION AREA

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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 IV Submittal, October 19, 2023			JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312						
							<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>			106

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WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION



**LEGEND**

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

REVISIONS		REVISIONS	
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10/18/2023	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023		

ENGINEER OF RECORD  
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 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
SR 61	LEON	448868-1-52-01

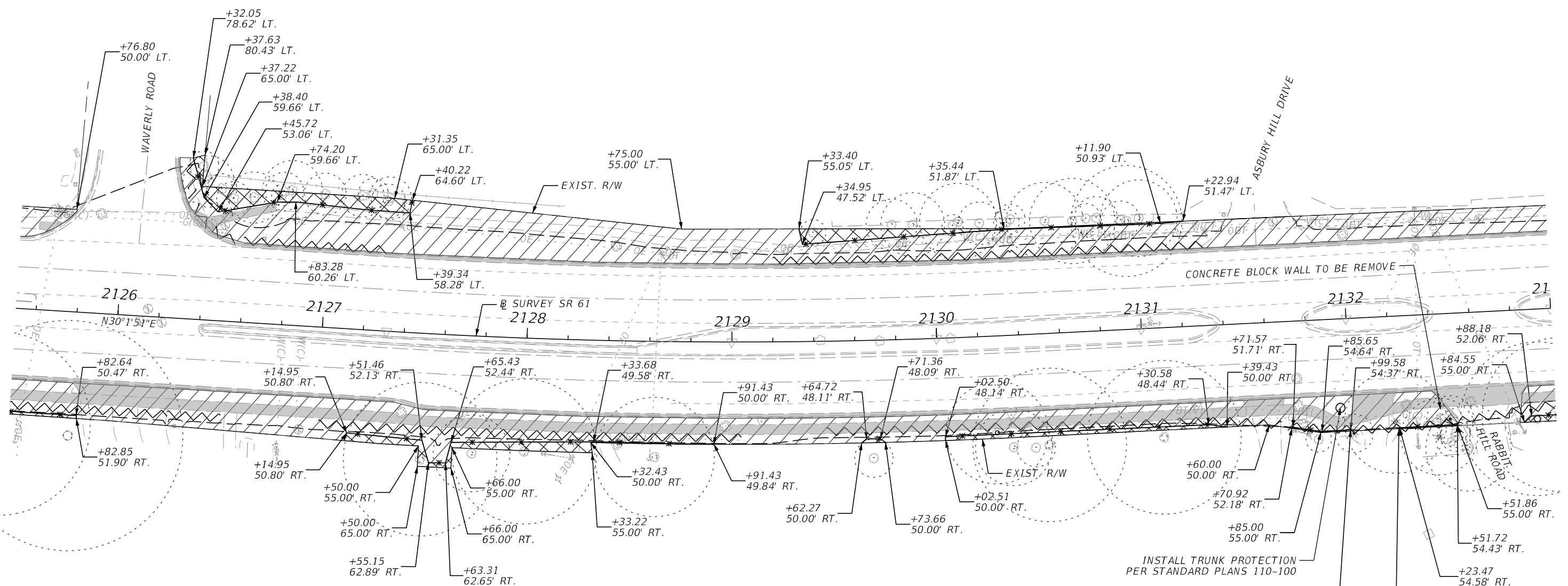
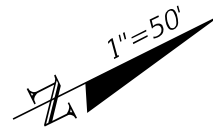
**SELECTIVE CLEARING AND GRUBBING PLAN**

SHEET NO. 107

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WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION



- LEGEND**
- CONCRETE REMOVAL
  - TREE PROTECTION BARRIER
  - TREE ROOT PRUNING
  - LIMITS OF CONSTRUCTION
  - CRITICAL ROOT ZONE
  - SELECTIVE CLEARING AND GRUBBING
  - PLANT PROTECTION AREA

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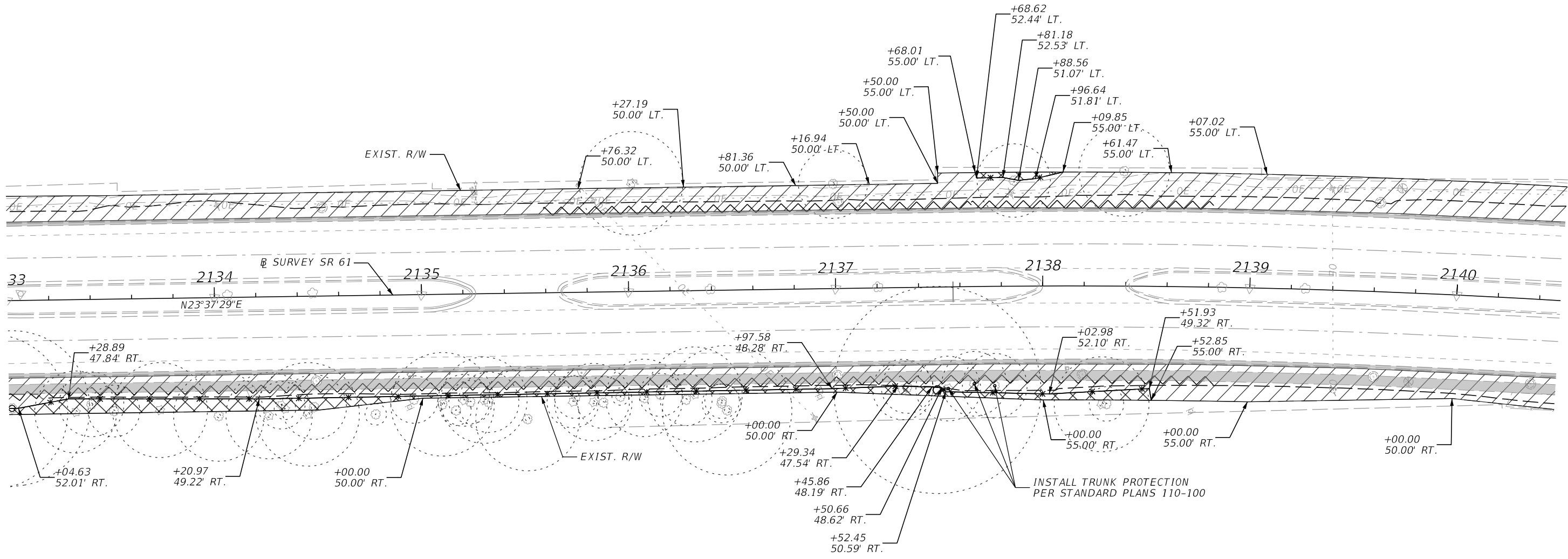
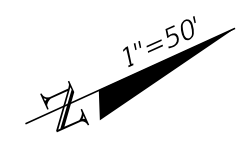
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION	JAMES J. JOHNSON, P.E. LICENSE NUMBER: 62546 MOTT MACDONALD FLORIDA, LLC. 1300 TIMBERLANE ROAD TALLAHASSEE, FLORIDA 32312			ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
	Preliminary, Subject to Change Phase IV Submittal, October 19, 2023						SR 61	LEON	448868-1-52-01	

**SELECTIVE CLEARING AND GRUBBING PLAN**



WARNING: GAS MAIN IN THE AREA OF CONSTRUCTION



**LEGEND**

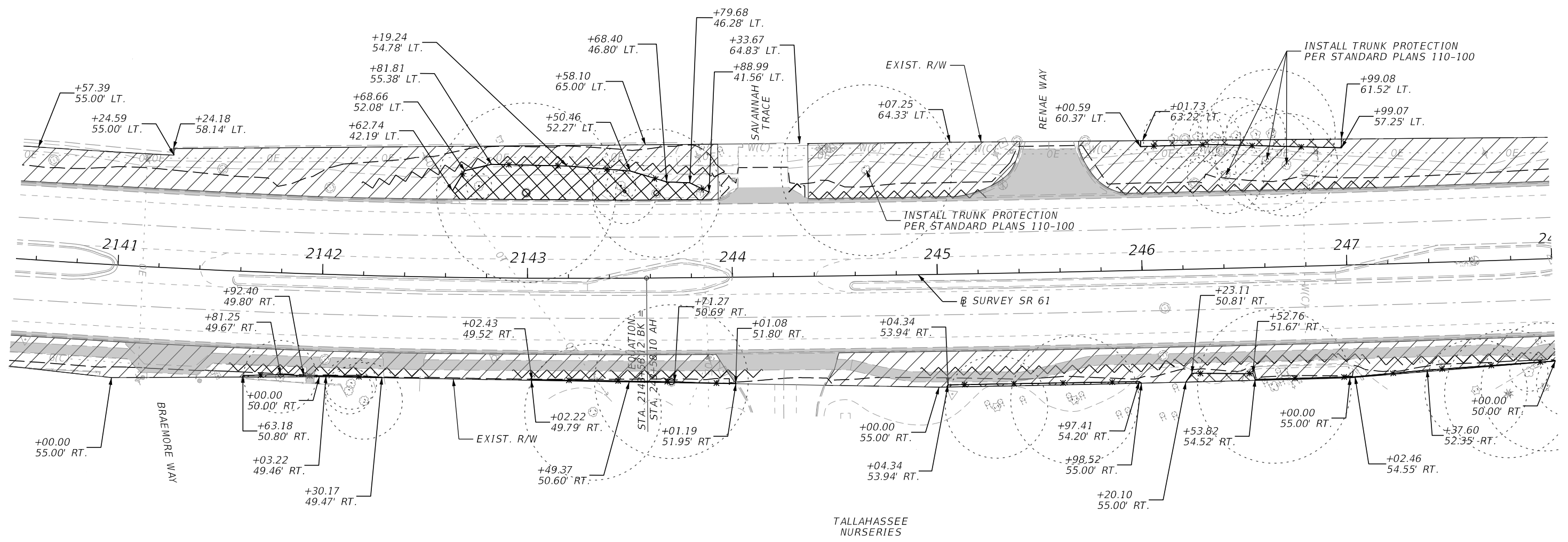
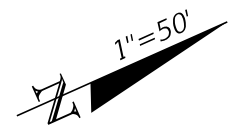
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- TREE PROTECTION BARRIER
- TREE ROOT PRUNING
- LIMITS OF CONSTRUCTION
- CRITICAL ROOT ZONE
- SELECTIVE CLEARING AND GRUBBING
- PLANT PROTECTION AREA

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							<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>			

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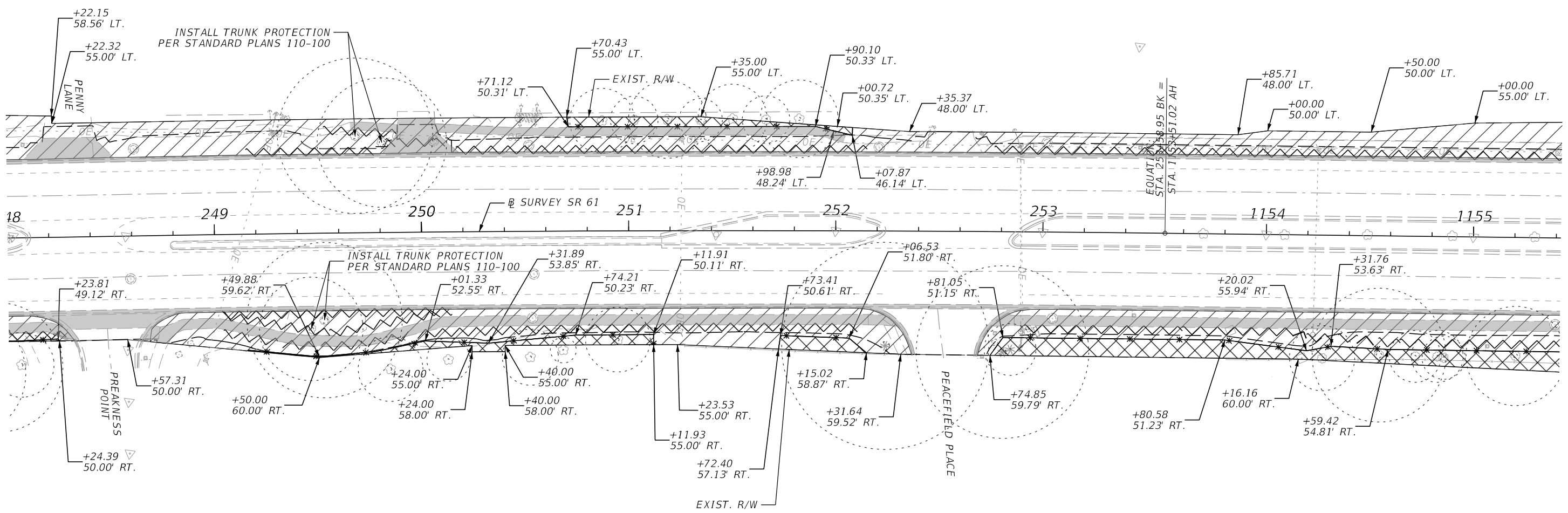
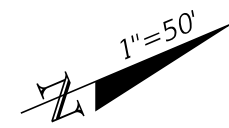
- LEGEND**
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**SELECTIVE CLEARING AND GRUBBING PLAN**

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**LEGEND**

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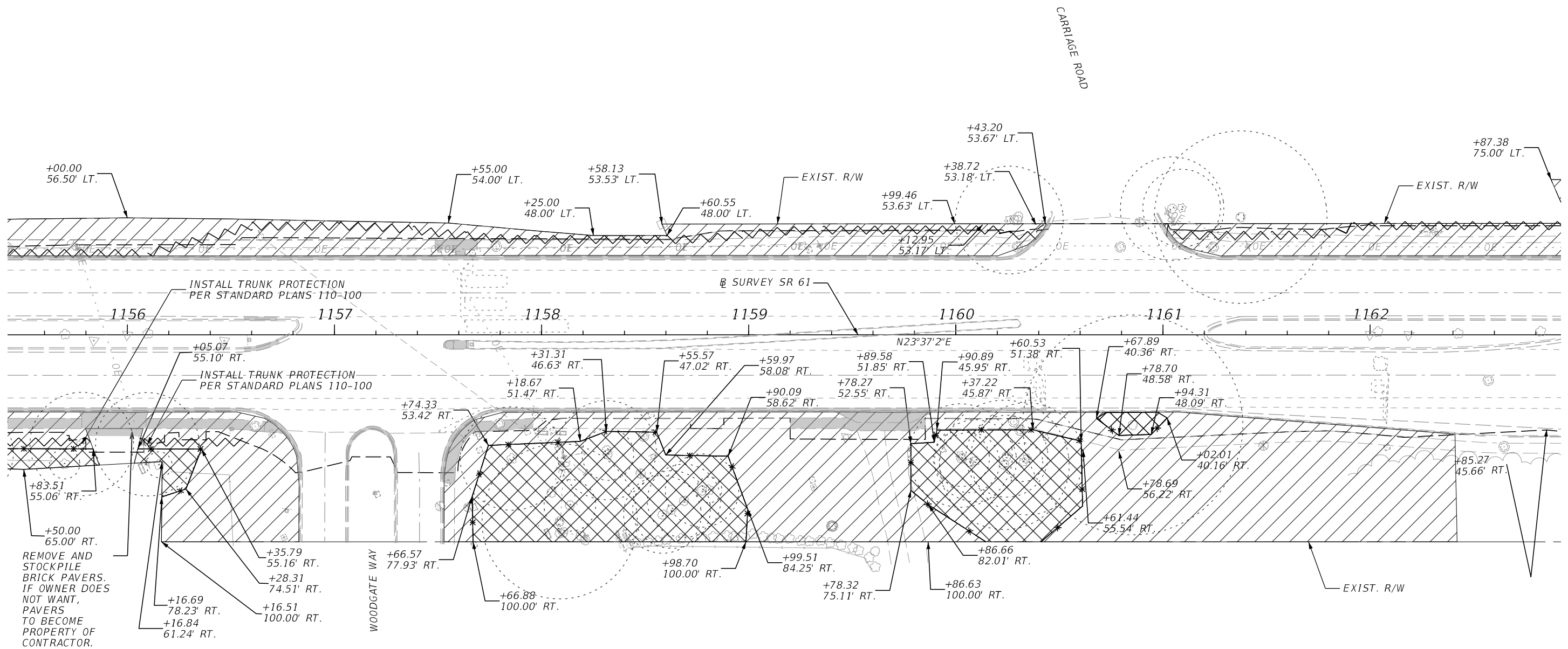
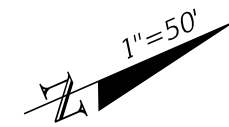
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REVISIONS				ENGINEER OF RECORD			STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>	SHEET NO.  III
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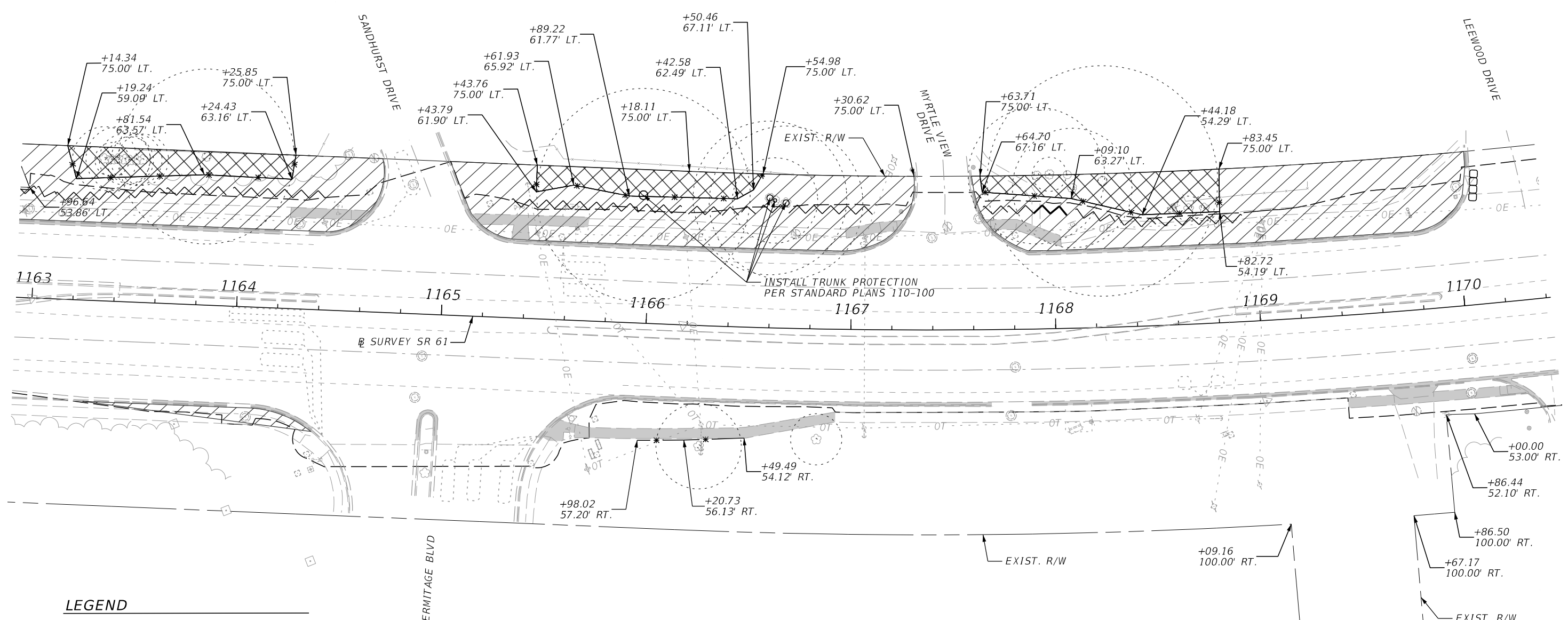
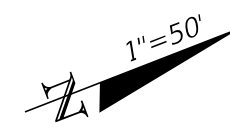
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**SELECTIVE CLEARING AND GRUBBING PLAN**

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**LEGEND**

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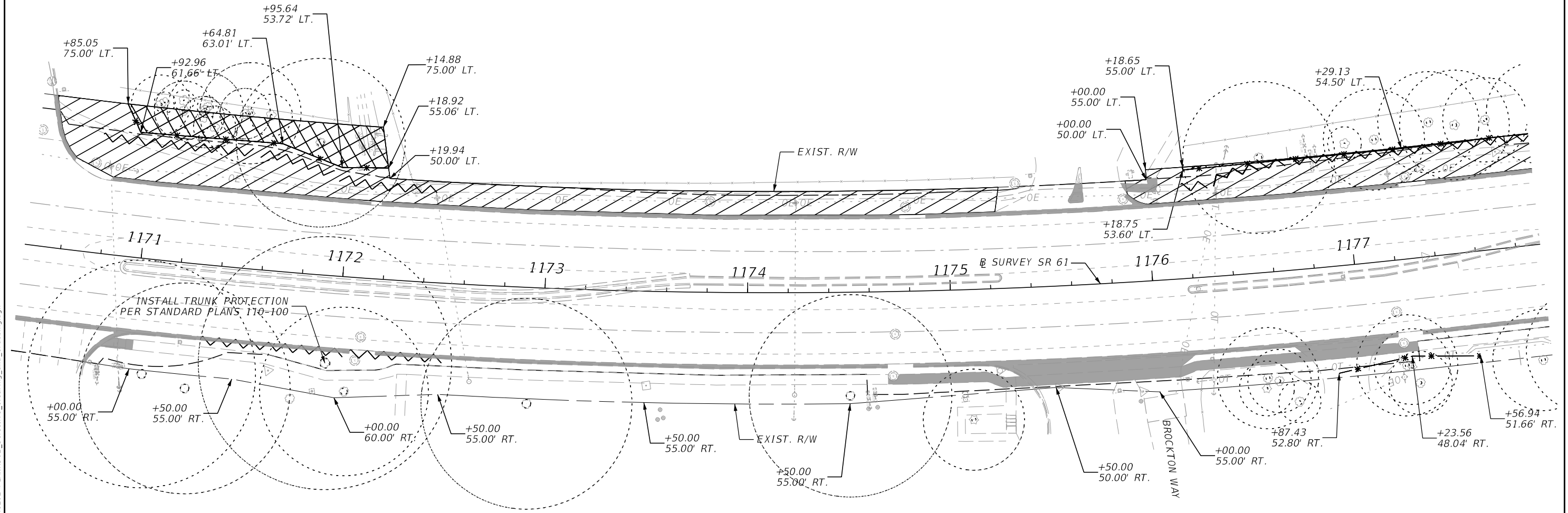
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





SELECTIVE CLEARING AND  
GRUBBING PLAN

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1"=50'



**LEGEND**

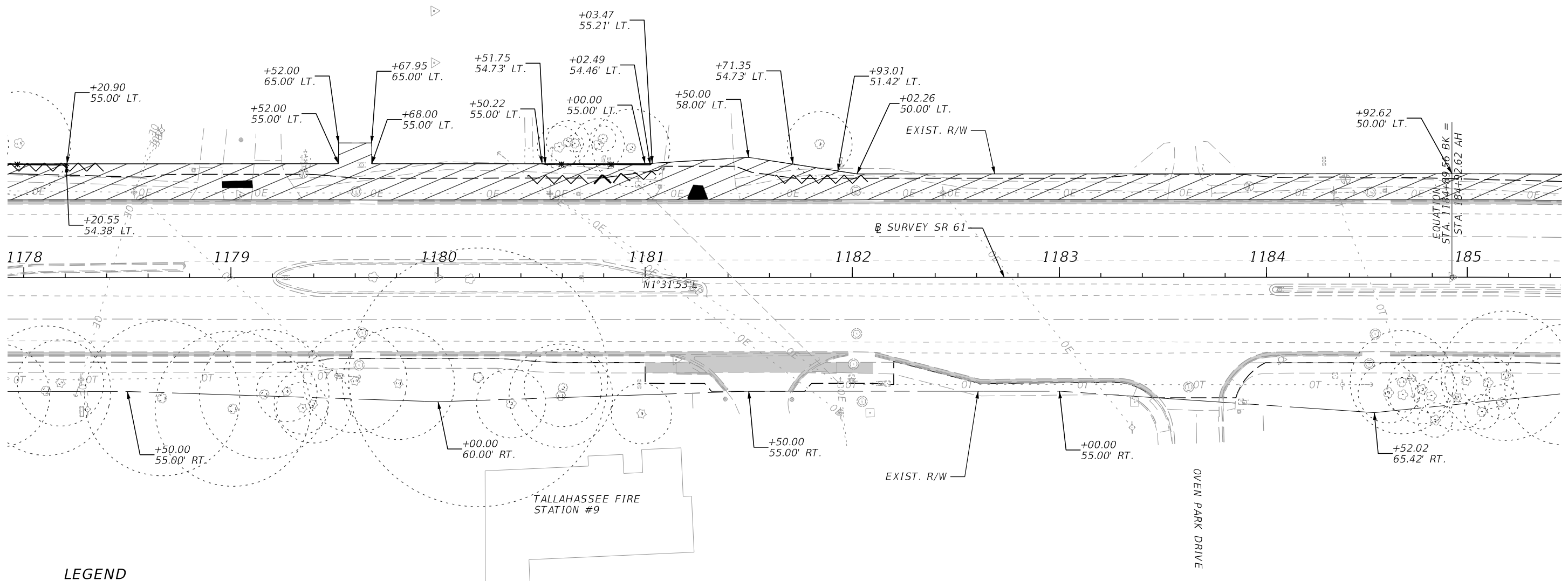
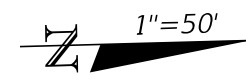
-  CONCRETE REMOVAL
-  TREE PROTECTION BARRIER
-  TREE ROOT PRUNING
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							<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>			114

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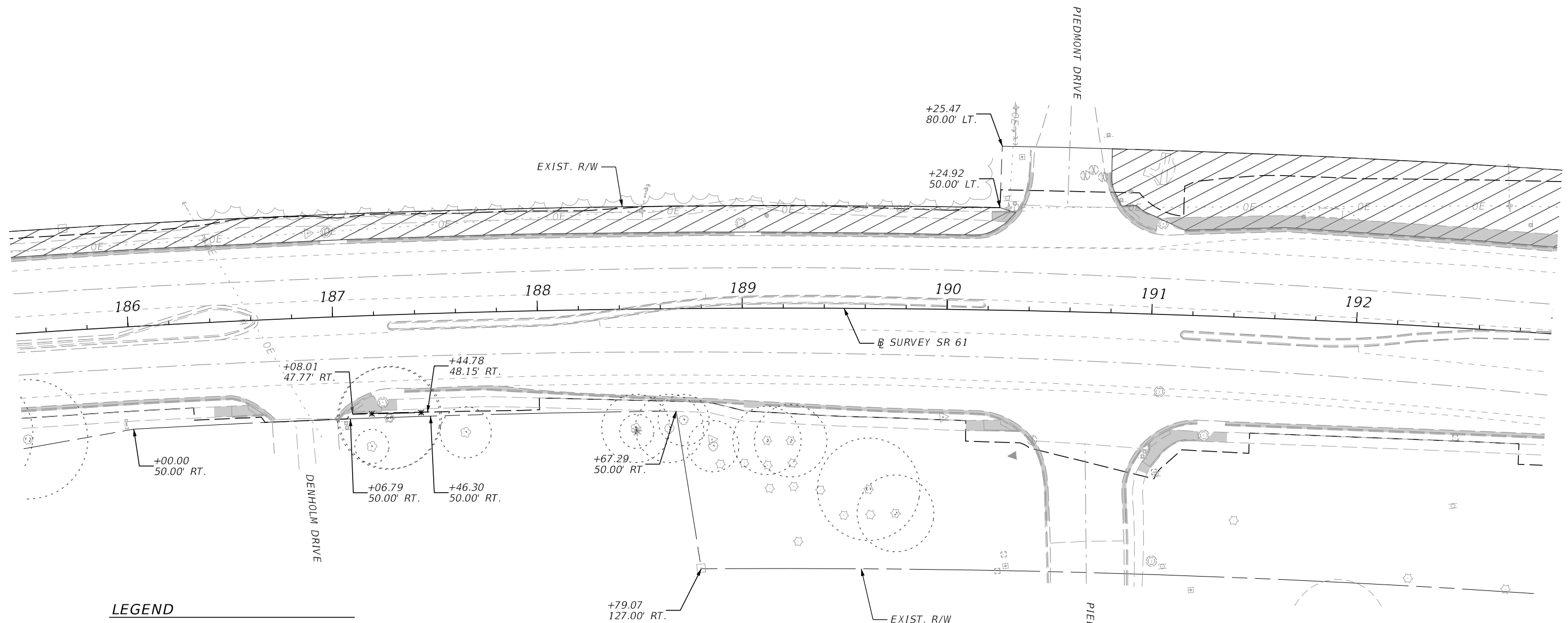
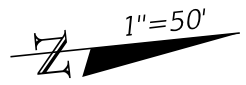
**LEGEND**

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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
	Preliminary, Subject to Change Phase IV Submittal, October 19, 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		



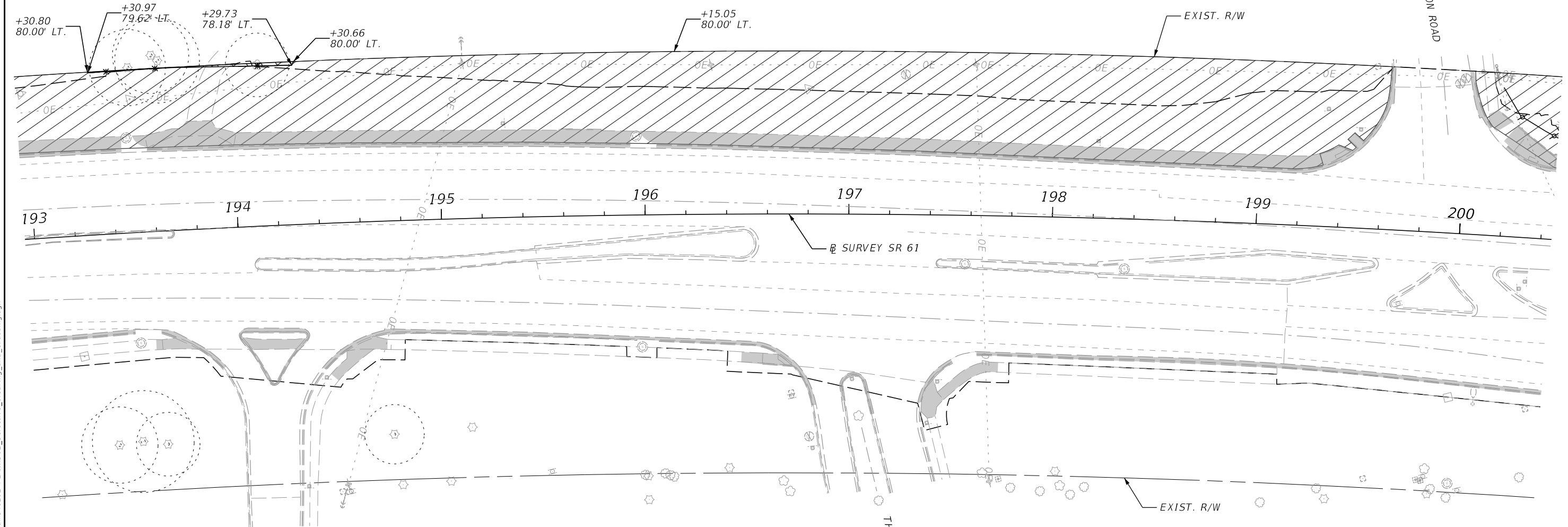
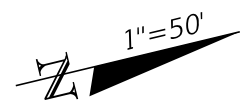
**LEGEND**

- CONCRETE REMOVAL
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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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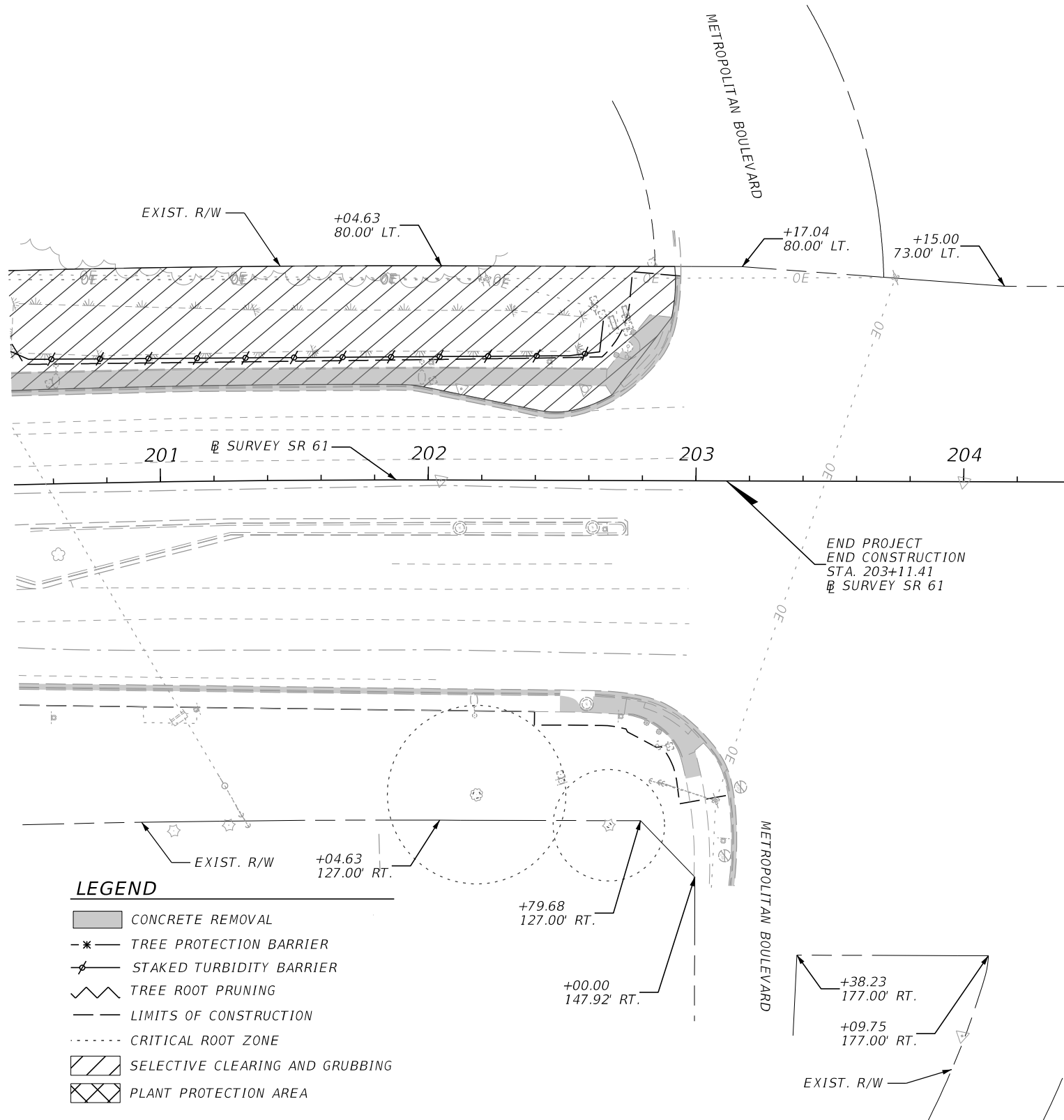
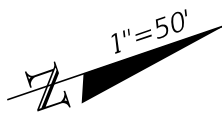
- CONCRETE REMOVAL
- \* TREE PROTECTION BARRIER
- ⚡ STAKED TURBIDITY BARRIER
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FULL MITIGATION TREATMENT (FMT) NOTES:

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 FERTILIZING 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 CONTRACTOR WILL COLLECT AT LEAST TEN SOIL SAMPLES AT VARIOUS TREE LOCATIONS. SUBMIT THE PROPOSED TESTING LOCATIONS TO THE ENGINEER FOR APPROVAL PRIOR TO TAKING THE SAMPLES. SEND THE SAMPLES TO AN AGRONOMIC SOIL TESTING LABORATORY FOR ANALYSIS, STATING THE TYPES OF TREES AT EACH LOCATION. THE ANALYSIS WILL INCLUDE TESTS FOR, AT A MINIMUM, PH, NPK, ORGANIC CONTENT, TEXTURE, AND SOLUBLE SALTS. SUBMIT THE RESULTS, FERTILIZER RECOMMENDATIONS, AND RATES TO THE ENGINEER FOR REVIEW.
4. FOR BIDDING PURPOSES, ASSUME THE FOLLOWING CONCERNING THE DEEP ROOT FERTILIZER INJECTIONS: FERTILIZER IS ASSUMED TO BE CONTROLLED RELEASE FERTILIZER WITH A 15-9-12 ANALYSIS AND CONTAINING TRACE ELEMENTS S, B, CU, FE, MN, AND ZN AND WILL BE APPLIED AT AN EQUIVALENT RATE OF 3 POUNDS PER 1000 SQUARE FEET.
5. 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.

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.

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 61	LEON	448868-1-52-01

SHEET NO.	
<b>SELECTIVE CLEARING AND GRUBBING PLAN</b>	
118	

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