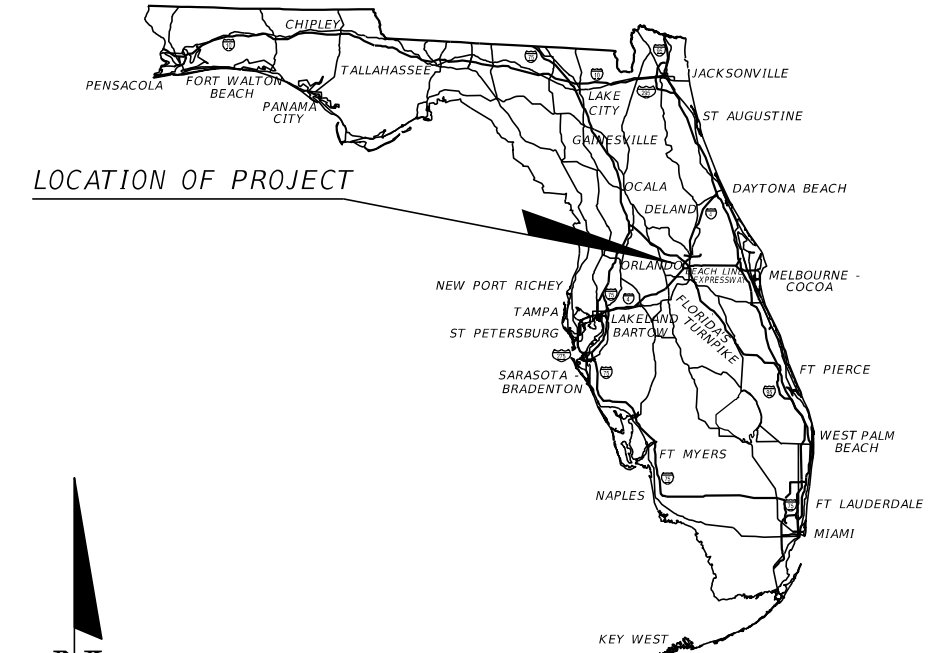


TOWN OF WINDERMERE

CONSTRUCTION PLANS

OLD MAIN ST REALIGNMENT & DRAINAGE IMPROVEMENTS FROM 9TH AVE TO 10TH AVE



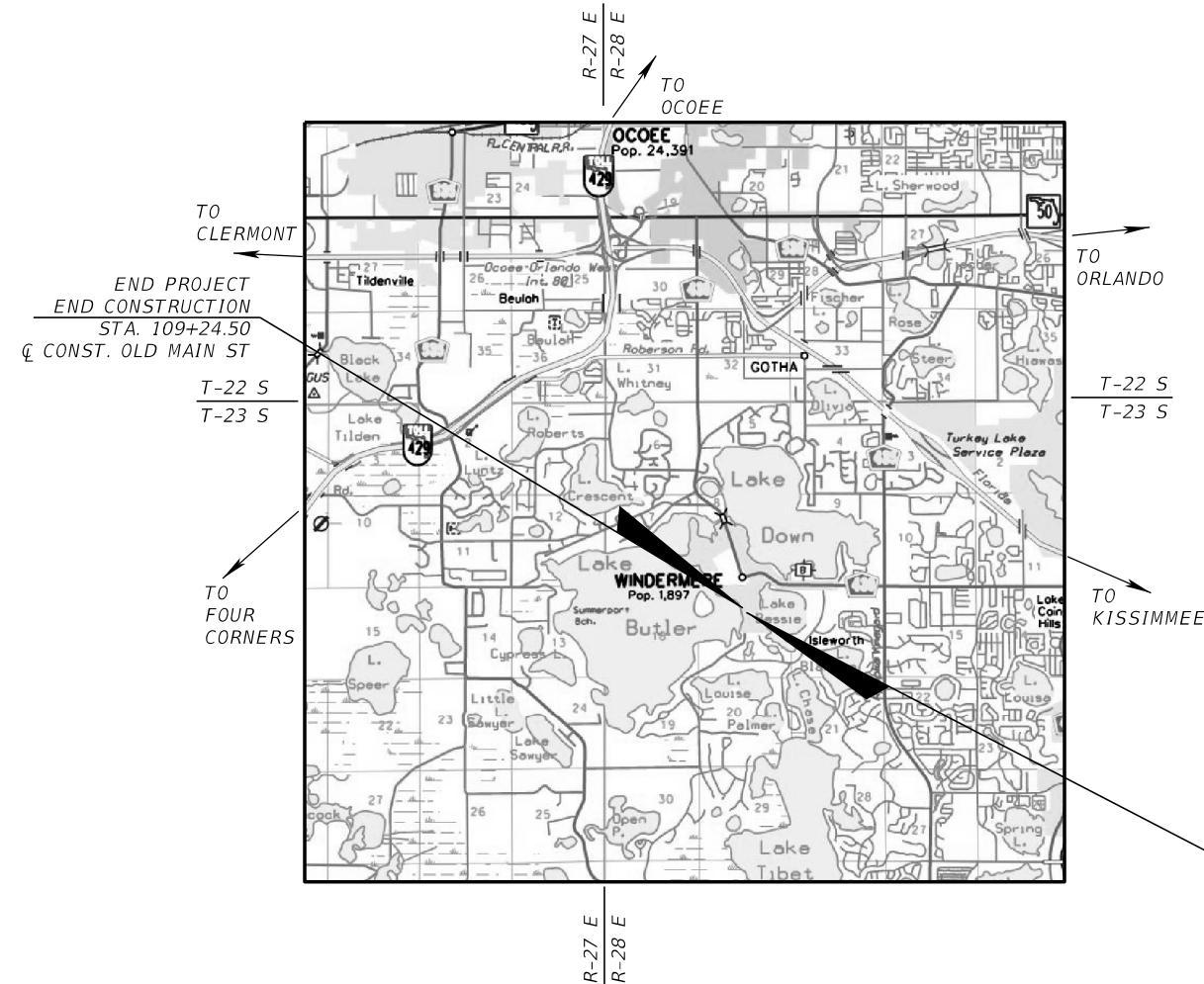
LOCATION OF PROJECT

CONTRACT PLANS COMPONENTS

ROADWAY PLANS

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	DRAINAGE MAP
5-6	TYPICAL SECTIONS
7	PROJECT LAYOUT
8	GENERAL NOTES
9-10	PLAN-PROFILE SHEETS
11	BORING LOCATION PLAN
12	REPORT OF AUGER BORING RESULTS
13-22	CROSS SECTIONS
23-26	DRIVEWAY CROSS SECTIONS



GOVERNING DESIGN STANDARDS:

Florida Department of Transportation, FY2024-25 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>

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

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY 2024-2025 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ROADWAY PLANS
ENGINEER OF RECORD:
HAO T. CHAU, P.E. NO: 61640

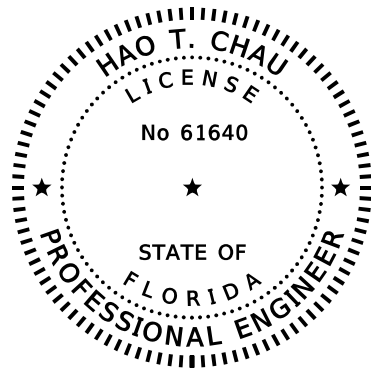
Kimley»Horn

200 SOUTH ORANGE AVENUE
SUITE 600
ORLANDO, FLORIDA 32801
TEL: (407) 898-1511
VENDOR NO. F560885615-001
CERTIFICATE OF AUTHORIZATION NO. 696

PROJECT LENGTH IS BASED ON \bar{C} OF CONSTRUCTION

LENGTH OF PROJECT		
OLD MAIN ST		
	LINEAR FEET	MILES
ROADWAY	804.50	0.15
NET LENGTH OF PROJECT	804.50	0.15

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
_____	24	1



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL.

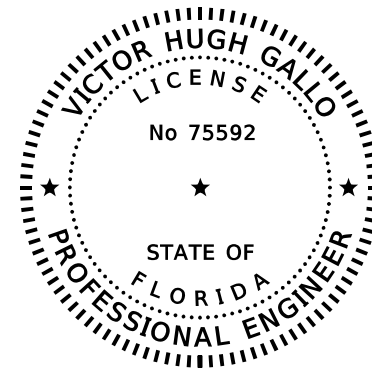
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200 S ORANGE AVE. SUITE 600
ORLANDO, FLORIDA 32801
CERTIFICATE OF AUTHORIZATION NO. 696
VICTOR H. GALLO, P.E. NO. 75592

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

ROADWAY PLANS

- 1 KEY SHEET
- 2 SIGNATURE SHEET
- 3 SUMMARY OF PAY ITEMS
- 5-6 TYPICAL SECTIONS
- 7 PROJECT LAYOUT
- 8 GENERAL NOTES
- 9-10 PLAN-PROFILE SHEETS
- 13-22 CROSS SECTIONS
- 23-26 DRIVEWAY CROSS SECTIONS



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ROADWAY PLANS

- 2 SIGNATURE SHEET
- 4 DRAINAGE MAP

REVISIONS				 Certificate Of Authorization No. 696 Hao T. Chau, PE P.E. License No. 61640 200 South Orange Ave, Suite 600 Orlando, Florida 32801	 TOWN OF WINTERMERE	<i>SIGNATURE SHEET</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				2

SUMMARY OF PAY ITEMS - ROADWAY				
PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY	
			PLAN	FINAL
101-1	MOBILIZATION	LS	1	
102-1	MAINTENANCE OF TRAFFIC	LS	1	
110-1-1	CLEARING & GRUBBING	AC	0.60	
110-4-10	REMOVAL OF EXISTING CONCRETE	SY	66	
120-1	REGULAR EXCAVATION	CY	443	
120-6	EMBANKMENT	CY	28	
160-4	TYPE B STABILIZATION	SY	42	
285-704	OPTIONAL BASE, BASE GROUP 04 (6 IN. OF GRAVEL)	SY	25	
285-704	OPTIONAL BASE, BASE GROUP 04 (MIN 6" SHELL BASE FOR PAVERS MATERIAL)	SY	1413	
285-704	OPTIONAL BASE, BASE GROUP 04 (6 IN. LIMEROCK BASE LBR 100)	SY	42	
334-1-12	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B	TN	3.5	
425-1-521	INLETS, DITCH BOTTOM, TYPE C, <10'	EA	1	
430-175-118	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 18" S/CD	LF	66	
430-982-125	MITERED END SECTION, OPTIONAL ROUND, 18" CD	EA	3	
520-6	SHOULDER GUTTER	LF	301	
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	41	
570-1-2	PERFORMANCE TURF, SOD	SY	1595	
571-1-11	PLASTIC EROSION MAT, TYPE 1	SY	1674	
	CONCRETE CURB, RIBBON CURB	LF	506	
	BRICK PAVERS FOR DRIVEWAYS	SF	1090	

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

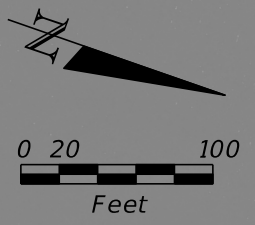
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 Orlando, Florida 32801



TOWN OF
WINTERMERE

SUMMARY OF PAY ITEMS

SHEET
NO.
3



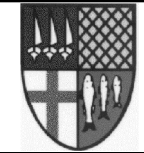
LEGEND

~ FLOW ARROW

▬ BASINS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

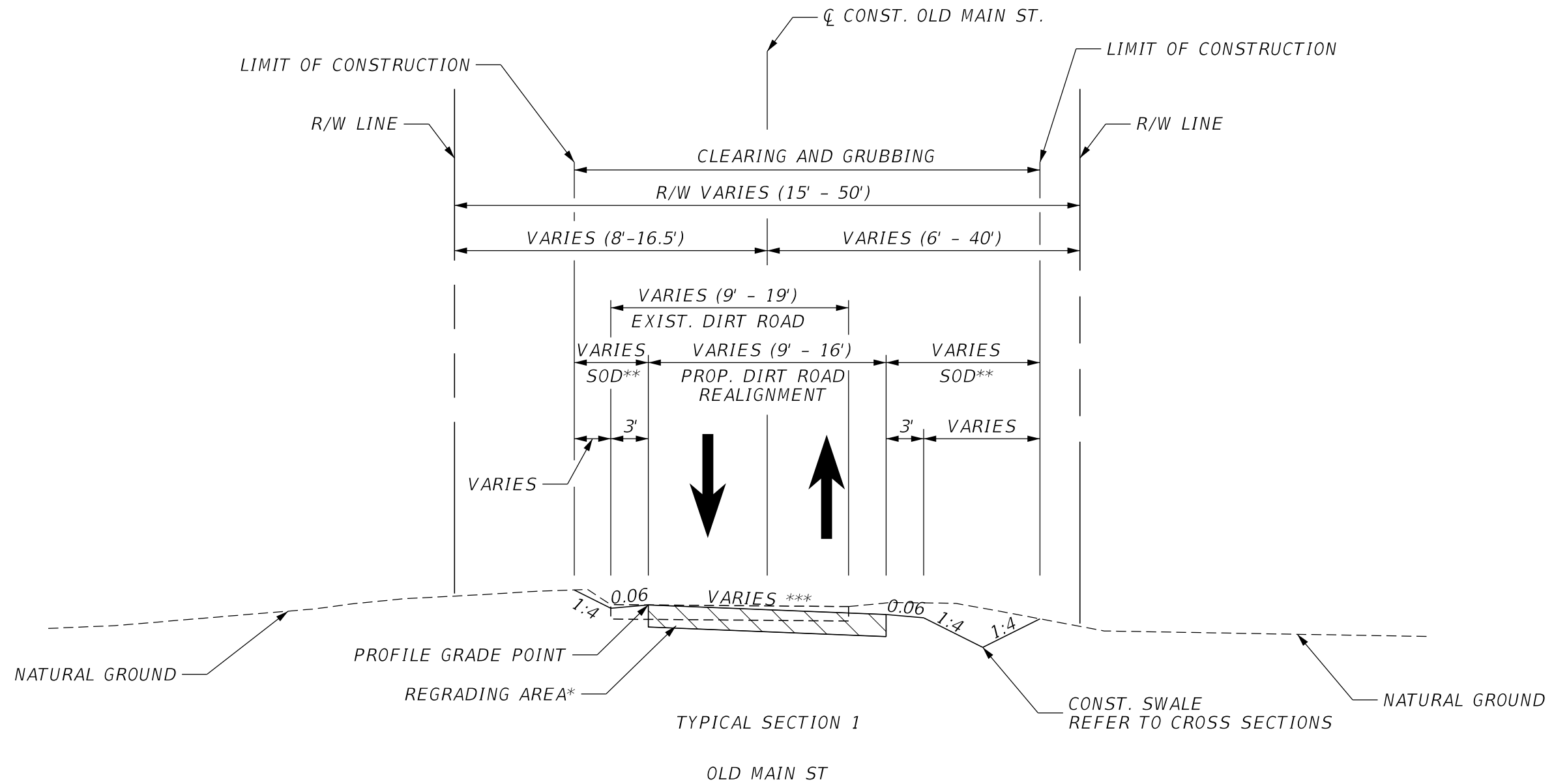
VICTOR H. GALLO, P.E.
 P.E. LICENSE NUMBER 75592
 KIMLEY-HORN AND ASSOCIATES, INC.
 200 SOUTH ORANGE AVENUE, STE 600
 ORLANDO, FLORIDA 32801



**TOWN OF
 WINTERMERE**

DRAINAGE MAP

SHEET NO.
4



TYPICAL SECTION 1

OLD MAIN ST

STA. 101+20.00 TO STA. 103+80.00
& STA. 107+00.00 TO STA. 109+24.50

N.T.S.

DESIGN SPEED = 15 MPH

* CONTRACTOR SHALL EXCAVATE EXISTING DIRT ROAD SURFACE FOR A MINIMUM DEPTH OF 6 INCHES PRIOR TO FURNISHING AND INSTALLING SHELL BASE FOR PAVERS PER FDOT SPECIFICATIONS SECTION 911 BASE AND STABILIZED BASE MATERIALS TO ACHIEVE A MINIMUM ROAD DEPTH OF 6 INCHES TO MEET THE FINISHED GRADES SHOWN IN THE PLANS. SEE GENERAL NOTES FOR MORE DETAILS

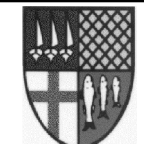
** SOD TO BE INSTALLED WITH PLASTIC EROSION MATTING.

*** SEE PLANS AND CROSS SECTIONS FOR CROSS SLOPE DETAILS

OLD MAIN ST

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

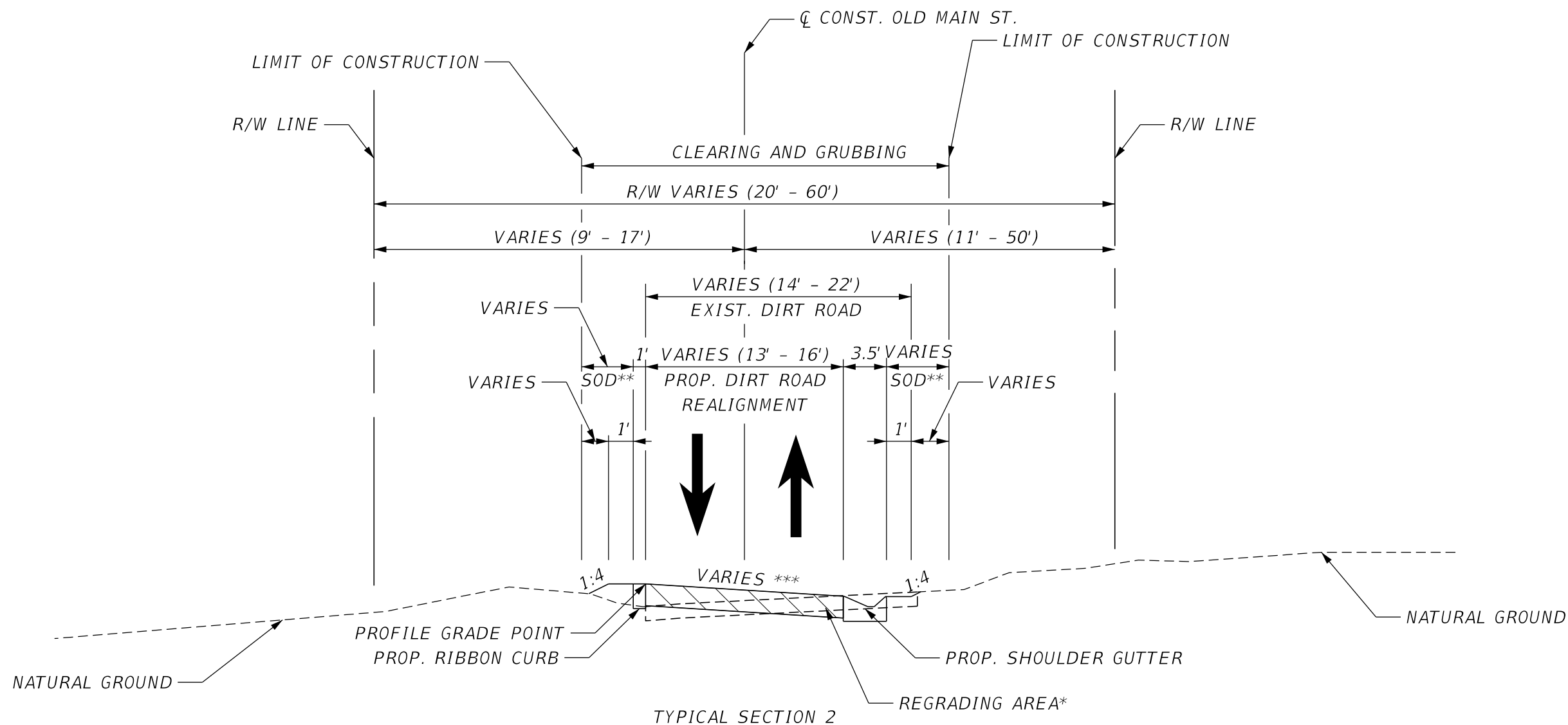
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 Orlando, Florida 32801



TOWN OF
WINTERMERE

TYPICAL SECTION (01)

SHEET NO.
5



OLD MAIN ST
 STA. 103+80.00 TO STA. 107+00.00
 N.T.S.

DESIGN SPEED = 15 MPH

* CONTRACTOR SHALL EXCAVATE EXISTING DIRT ROAD SURFACE FOR A MINIMUM DEPTH OF 6 INCHES PRIOR TO FURNISHING AND INSTALLING SHELL BASE FOR PAVERS PER FDOT SPECIFICATIONS SECTION 911 BASE AND STABILIZED BASE MATERIALS TO ACHIEVE A MINIMUM ROAD DEPTH OF 6 INCHES TO MEET THE FINISHED GRADES SHOWN IN THE PLANS. SEE GENERAL NOTES FOR MORE DETAILS

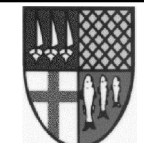
** SOD TO BE INSTALLED WITH PLASTIC EROSION MATTING.

*** SEE PLANS AND CROSS SECTIONS FOR CROSS SLOPE DETAILS

OLD MAIN ST

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

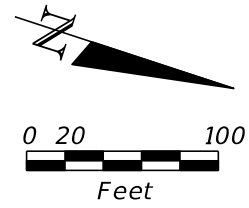
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TOWN OF
 WINTERMERE

TYPICAL SECTION (02)

SHEET NO.
 6

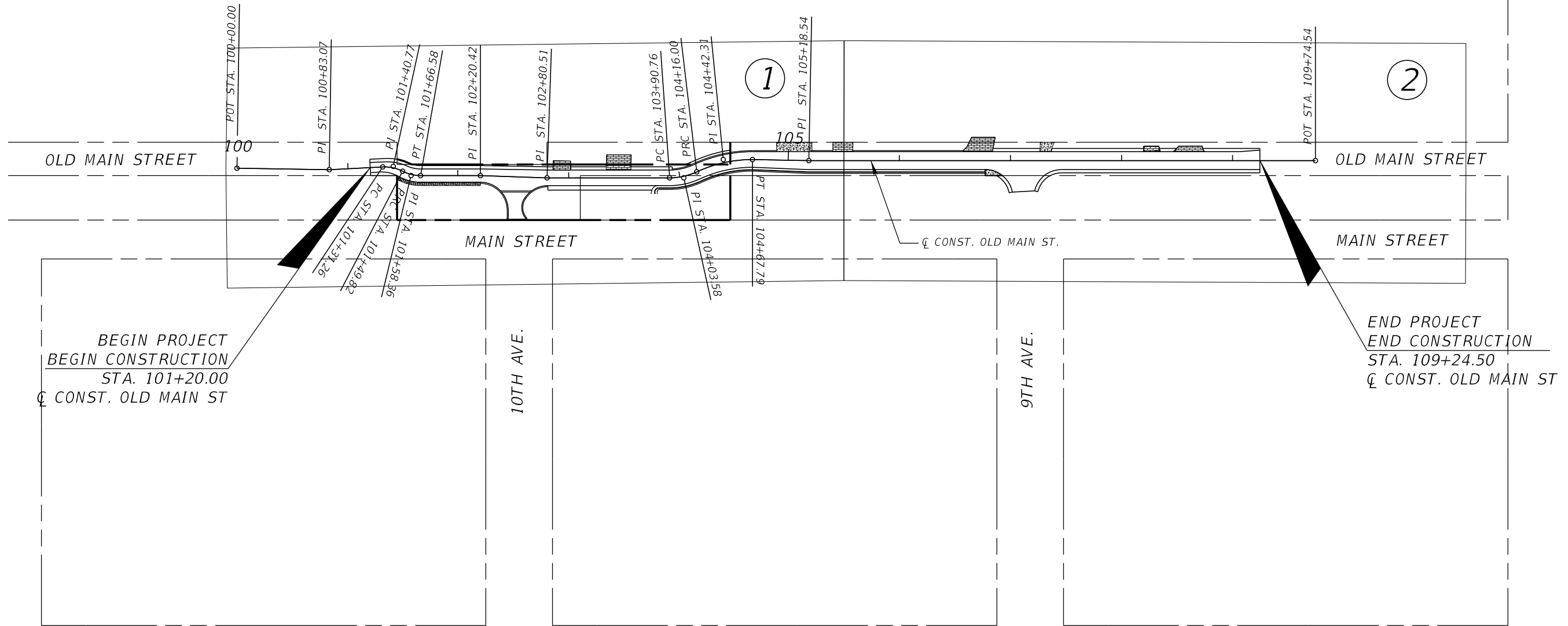


CURVE DATA CL_1
 PI STA. = 101+40.77
 Δ = 30° 22' 39" (RT)
 D = 163° 42' 08"
 T = 9.50
 L = 18.56
 R = 35.00
 PC STA. = 101+31.26
 PT STA. = 101+49.82

CURVE DATA CL_2
 PI STA. = 101+58.36
 Δ = 27° 26' 03" (LT)
 D = 163° 42' 08"
 T = 8.54
 L = 16.76
 R = 35.00
 PC STA. = 101+49.82
 PT STA. = 101+66.58

CURVE DATA CL_3
 PI STA. = 104+03.58
 Δ = 24° 56' 09" (LT)
 D = 98° 47' 09"
 T = 12.82
 L = 25.24
 R = 58.00
 PC STA. = 103+90.76
 PT STA. = 104+16.00

CURVE DATA CL_4
 PI STA. = 104+42.31
 Δ = 24° 56' 09" (RT)
 D = 48° 08' 52"
 T = 26.31
 L = 51.79
 R = 119.00
 PC STA. = 104+16.00
 PT STA. = 104+67.79



BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 101+20.00
 C CONST. OLD MAIN ST

END PROJECT
 END CONSTRUCTION
 STA. 109+24.50
 C CONST. OLD MAIN ST

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 200 South Orange Ave, Suite 600
 Orlando, Florida 32801



PROJECT LAYOUT

SHEET
 NO.
 7

GENERAL NOTES:

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED. EXISTING DRAINAGE MUST BE MAINTAINED UNTIL NEW SYSTEM IS ACTIVATED.
2. VERTICAL CONTROL FOR THIS PROJECT IS BASED UPON N.G.V.D 1929 (ORANGE COUNTY ENGINEERING DEPT. DATUM)
3. THE CONTRACTOR WILL RESTORE ALL AREAS DISTURBED BY THIS CONSTRUCTION TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING PRIOR TO CONSTRUCTION, ALL DISTURBED AREAS TO BE SODDED.
4. THE CONTRACTOR SHALL FURNISH THE ENGINEER, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE.
5. ALL SYNTHETIC BALES, ROCK BAGS AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
6. THE CONTRACTOR SHALL DEVELOP AND SUBMIT AN EROSION PLAN FOR THE PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER POLLUTION TO THE TOWN FOR APPROVAL. EROSION CONTROL ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
7. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC. PLACEMENT OF BUSINESS ENTRANCE SIGNS AND CHANNELIZING DEVICES ARE TO BE IN ACCORDANCE WITH INDEX 600.
8. THE CONTRACTOR SHALL SUBMIT A TEMPORARY TRAFFIC CONTROL PLAN AND A CONSTRUCTION SCHEDULE WITH PROPOSED LANE CLOSURE TIMES TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
9. STAGING AND MATERIAL STORAGE SHALL NOT BE CONDUCTED ON ABUTTING PRIVATE PROPERTY WITHOUT WRITTEN APPROVAL FROM THE OWNER.
10. NO EXISTING BASE MATERIAL REMOVED IN EXCAVATION SHALL BE REUSED IN THE NEW BASE MATERIAL.
11. THE CONTRACTOR SHALL PROVIDE ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE ENTIRE CONSTRUCTION PERIOD.
12. MATCH SOD TYPES TO ADJACENT PROPERTIES, IF NO PARTICULAR TYPE IS EVIDENT THEN THE TOWN WILL SPECIFY WHAT TYPE OF SOD SHALL BE USED.
13. ALL STATIONS AND OFFSETS ARE REFERENCED TO ϕ OF CONSTRUCTION.
14. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE TOWN, WITHOUT DELAY, BY TELEPHONE.
15. CONTRACTOR TO DE-SILT EXISTING DRAINAGE SYSTEM.
16. ALL CROSS DRAINS AND STORM PIPE SHALL BE CLASS III REINFORCED CONCRETE PIPE.
17. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENT OF THE PROJECT SPECIFICATION, THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (FDOT), AND SUPPLEMENTS THERETO, AND THE TOWN OF WINDERMERE SPECIFICATIONS.
18. SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUCTED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INQUIRE OF THE ENGINEER IF ADDITIONAL INFORMATION IS AVAILABLE, TO MAKE ARRANGEMENTS TO REVIEW SAME PRIOR TO BIDDING, AND TO MAKE HIS OWN DETERMINATION AS TO ALL SUBSURFACE CONDITIONS.
19. ALL PERSONAL PROPERTY, EXCEPT MAILBOXES, WITHIN THE RIGHT-OF-WAY NOT RELOCATED BY THE PROPERTY OWNER SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE PLANS.
20. THE RELOCATION OF MAILBOXES SHALL BE COORDINATED BETWEEN THE CONTRACTOR AND THE PROPERTY OWNERS AND SHALL BE APPROVED BY THE POST MASTER, IN ACCORDANCE WITH FDOT INDEX NO. 532. THIS ITEM SHALL BE PAID FOR UNDER THE UNIT PRICE FOR "MAILBOX (FURNISH & INSTALL), EA." IF APPLICABLE.
21. THE DISPOSAL OF EXCESS EARTHWORK MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL UNDESIRABLE MATERIAL. ALL EXCESS MATERIAL IS THE PROPERTY OF THE CONTRACTOR.
22. ALL EXISTING TREES WITHIN THE RIGHT-OF-WAY ARE TO REMAIN UNLESS OTHERWISE NOTED. IF APPROVED BY TOWN TO BE REMOVED, THE ITEM SHALL BE PAID UNDER CLEARING AND GRUBBING.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE, REMOVAL OR MODIFICATION OF ANY IRRIGATION SYSTEMS. THE CONTRACTOR SHALL REPLACE ANY DAMAGED, REMOVED OR MODIFIED IRRIGATION SYSTEMS AT NO ADDITIONAL COST.
24. AT THE END OF EACH WORK DAY THE CONTRACTOR IS RESPONSIBLE FOR SECURING THE CONSTRUCTION AREA FOR PUBLIC SAFETY.
25. ALL INLET TOP GRATES SHALL BE STEEL.

UTILITIES

1. ALL EXISTING UTILITIES WITHIN PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE NOTED.
2. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY.
3. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (1-800-432-4770) AND THE UTILITY OWNERS LISTED BELOW A MINIMUM OF TWO BUSINESS DAYS (10 DAYS IF DIGGING UNDER WATER) IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

4. UTILITIES ENCOUNTERED:


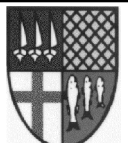
<u>CHARTER COMMUNICATIONS</u> 3767 ALL AMERICAN BLVD. ORLANDO, FL 32810 RAMON NUNEZ PHONE NO.: (407) 215-5870	<u>CENTURYLINK</u> 1325 BLAIRSTONE RD. RM 113 TALLAHASSEE, FL 32301 BILL MCCLLOUD PHONE NO.: (850) 599-1444	<u>DUKE ENERGY</u> 452 E CROWN POINT RD. WINTER GARDEN, FL 34787 STEPHANIE OLMO PHONE NO.: (407) 905-3376
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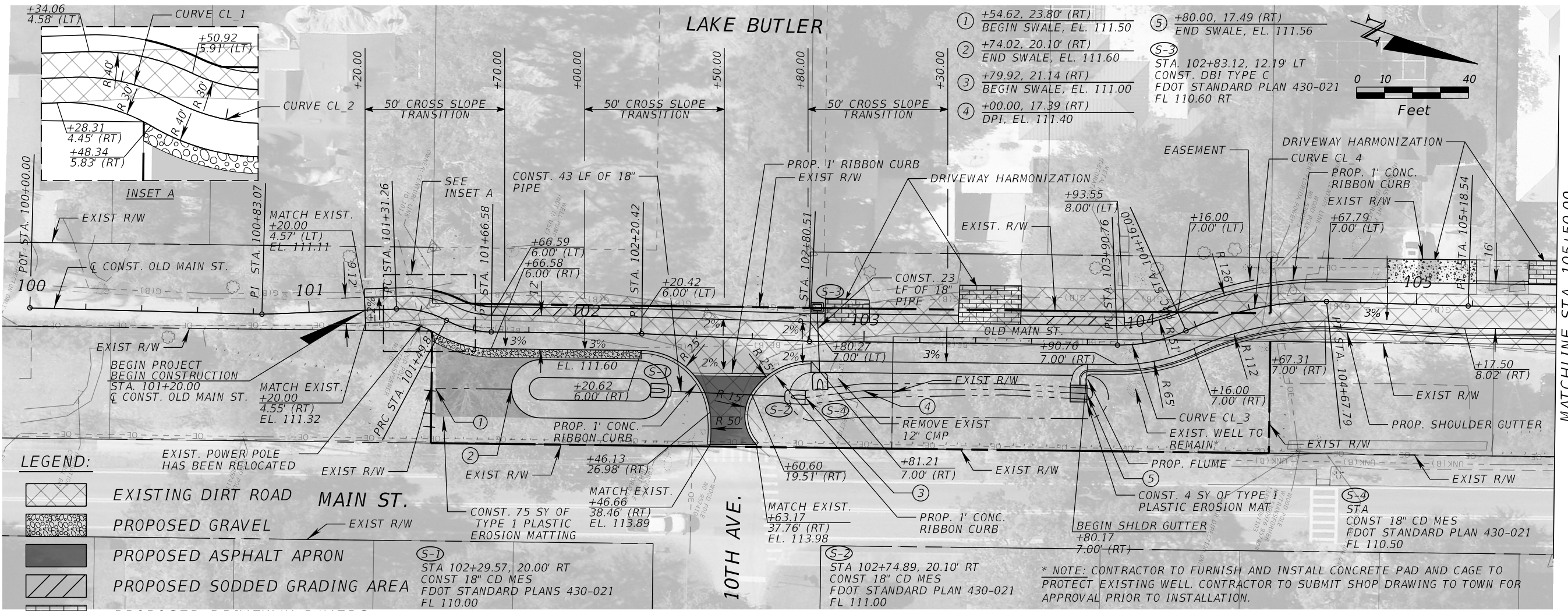
<u>LAKE APOPKA NATURAL GAS DISTRICT</u> 1320 WINTER GARDEN VINELAND WINTER GARDEN, FL 34787 PATRICK NGUYEN PHONE NO.: (407) 656-2734	<u>ORANGE COUNTY UTILITIES</u> 8100 PRESIDENTS DR. ORLANDO, FL 32809 VICTOR GONZALEZ PHONE NO.: (407) 836-6869	<u>SUMMIT BROADBAND</u> 4558 35TH ST. ORLANDO, FL 32811 LESTER GUTHRIE PHONE NO.: (407) 722-2300
--	--	--

5. CONTRACTOR SHALL ADJUST ALL UTILITY LIDS AND COVERS TO FINISHED GRADE AS REQUIRED.
 6. PRIOR TO COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE. 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
 7. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES THAT ARE TO REMAIN IN PLACE.
- UTILITY LOCATIONS
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, DISRUPTION OF SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANY AND THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANY DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
 9. THE CONTRACTOR SHALL LOCATE AND VERIFY THE DEPTHS AND LOCATIONS OF ALL EXISTING UTILITIES WITHIN THE LIMITS FOR WORK, PRIOR TO ORDERING ANY STRUCTURES.
 10. PRIOR TO EXCAVATING IN THE VICINITY OF A GAS PIPELINE THE CONTRACTOR SHALL NOTIFY THE GAS UTILITY OWNER IN ACCORDANCE WITH THE REQUIREMENTS OF FLORIDA STATUTES, PROTECTION OF UNDERGROUND PIPELINES, F.S. 553.851, CH. 77-143.

SHELL BASE FOR PAVERS MATERIAL REQUIREMENTS

1. THE EXISTING DIRT ROAD SHALL BE EXCAVATED FOR A MINIMUM DEPTH OF 6 INCHES FOR THE ENTIRE WIDTH OF THE ROAD.
2. THE SHELL BASE FOR PAVERS MATERIAL SHALL BE INSTALLED AT A MINIMUM DEPTH OF 6 INCHES TO MEET THE FINISHED GRADES SHOWN IN THE PLANS.
3. THE MAXIMUM LIFT FOR INSTALLING THE SHELL BASE FOR PAVERS MATERIAL IS 6 INCHES TO MEET THE FINISHED GRADES SHOWN IN THE PLANS.
4. IF MORE THAN 6 INCHES OF THE SHELL BASE FOR PAVERS MATERIAL IS REQUIRED TO MEET THE FINISHED GRADES, USE 4 INCH LIFTS AS NEEDED.
5. ROLL WITH HEAVY TRAFFIC ROLLER BETWEEN EACH LIFT AND ON THE FINAL LIFT.
6. ALL COSTS TO FURNISH AND INSTALL TO BE INCLUDED IN PAY ITEM 285-704 OPTIONAL BASE, BASE GROUP 04. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR DEPTHS GREATER THAN 6 INCHES TO MEET THE FINISHED GRADES.
7. THE CONTRACTOR SHALL PROVIDE MIX DESIGN SAMPLE TO THE TOWN FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.

REVISIONS				 Certificate Of Authorization No. 696 Hao T. Chau, PE P.E. License No. 61640 200 South Orange Ave, Suite 600 Orlando, Florida 32801	 TOWN OF WINDERMERE	GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION				8



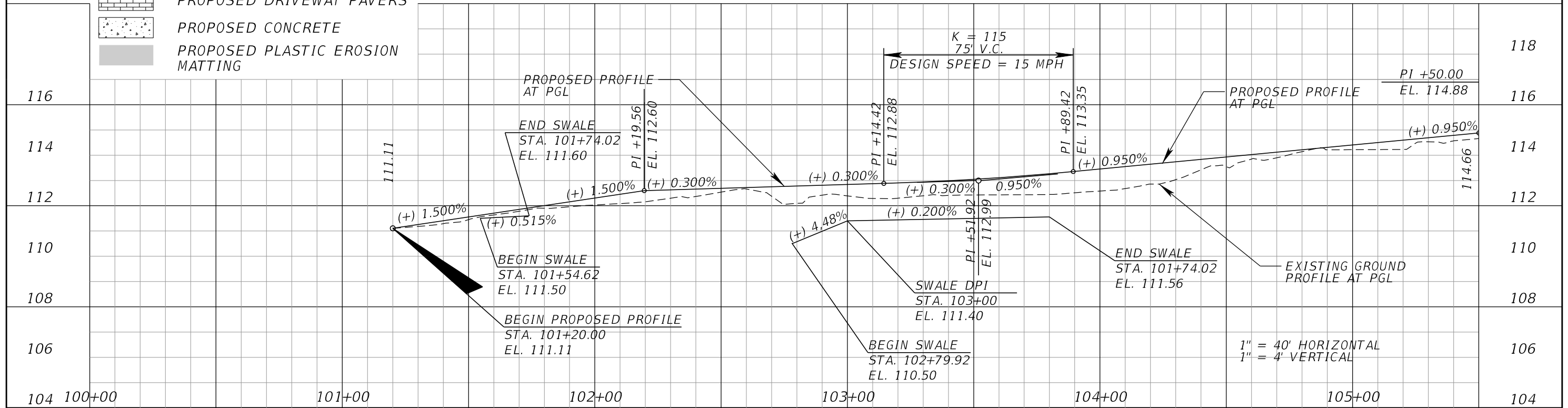
LEGEND:

- EXISTING DIRT ROAD
- PROPOSED GRAVEL
- PROPOSED ASPHALT APRON
- PROPOSED SODDED GRADING AREA
- PROPOSED DRIVEWAY PAVERS
- PROPOSED CONCRETE
- PROPOSED PLASTIC EROSION MATTING

(S-1)
 STA 102+29.57, 20.00' RT
 CONST 18" CD MES
 FDOT STANDARD PLANS 430-021
 FL 110.00

(S-2)
 STA 102+74.89, 20.10' RT
 CONST 18" CD MES
 FDOT STANDARD PLAN 430-021
 FL 111.00

* NOTE: CONTRACTOR TO FURNISH AND INSTALL CONCRETE PAD AND CAGE TO PROTECT EXISTING WELL. CONTRACTOR TO SUBMIT SHOP DRAWING TO TOWN FOR APPROVAL PRIOR TO INSTALLATION.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

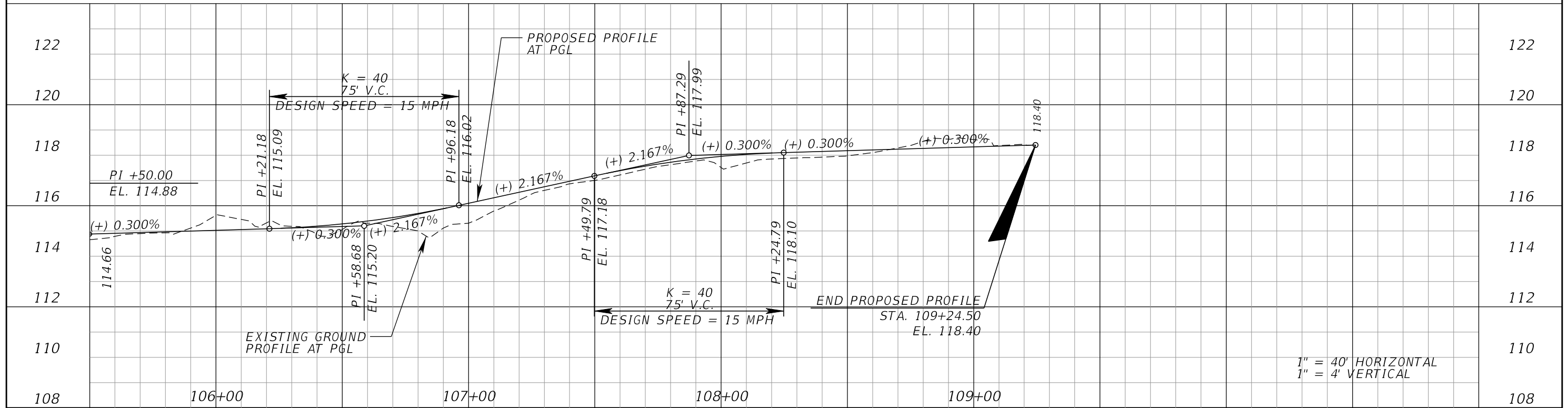
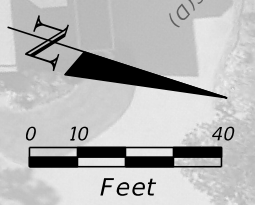
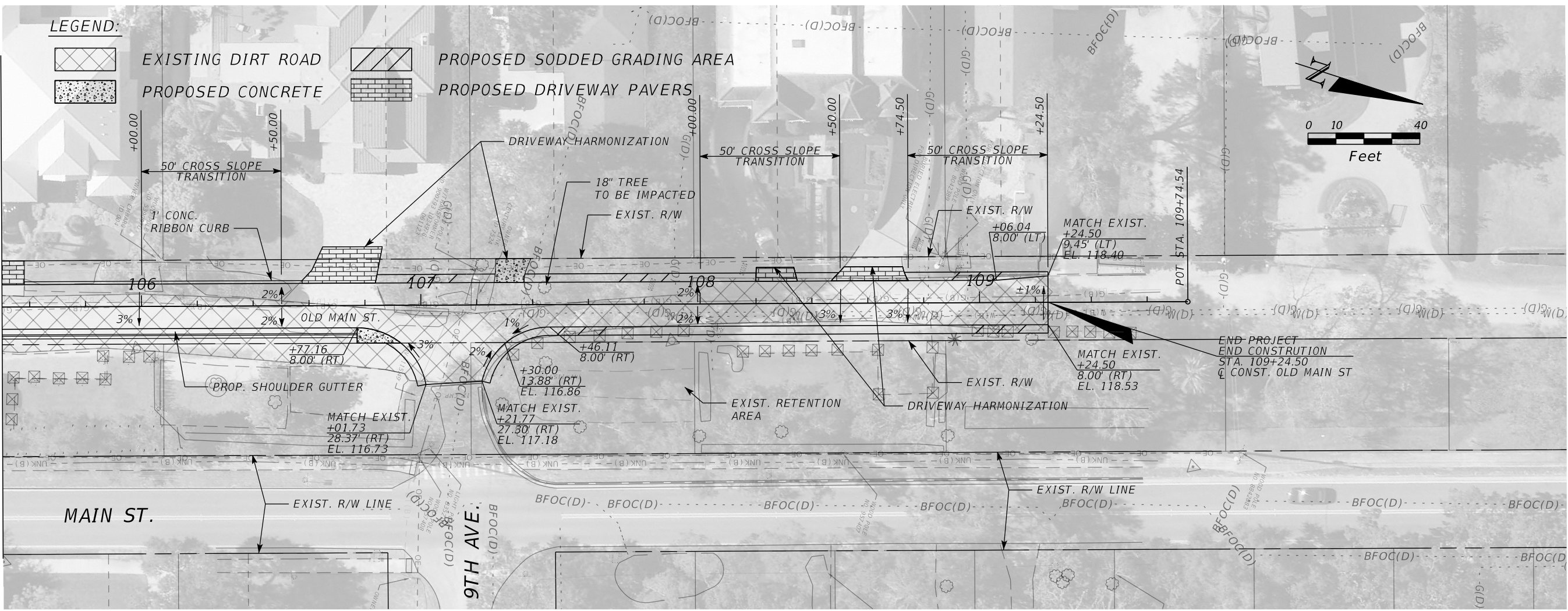
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 Hao T. Chau, P.E.
 P.E. License No. 61640
 200 South Orange Avenue, Suite 600
 Orlando, Florida 32801

TOWN OF WINDERMERE

PLAN-PROFILE (01)

SHEET NO. 9

MATCHLINE STA. 105+50.00



1" = 40' HORIZONTAL
 1" = 4' VERTICAL

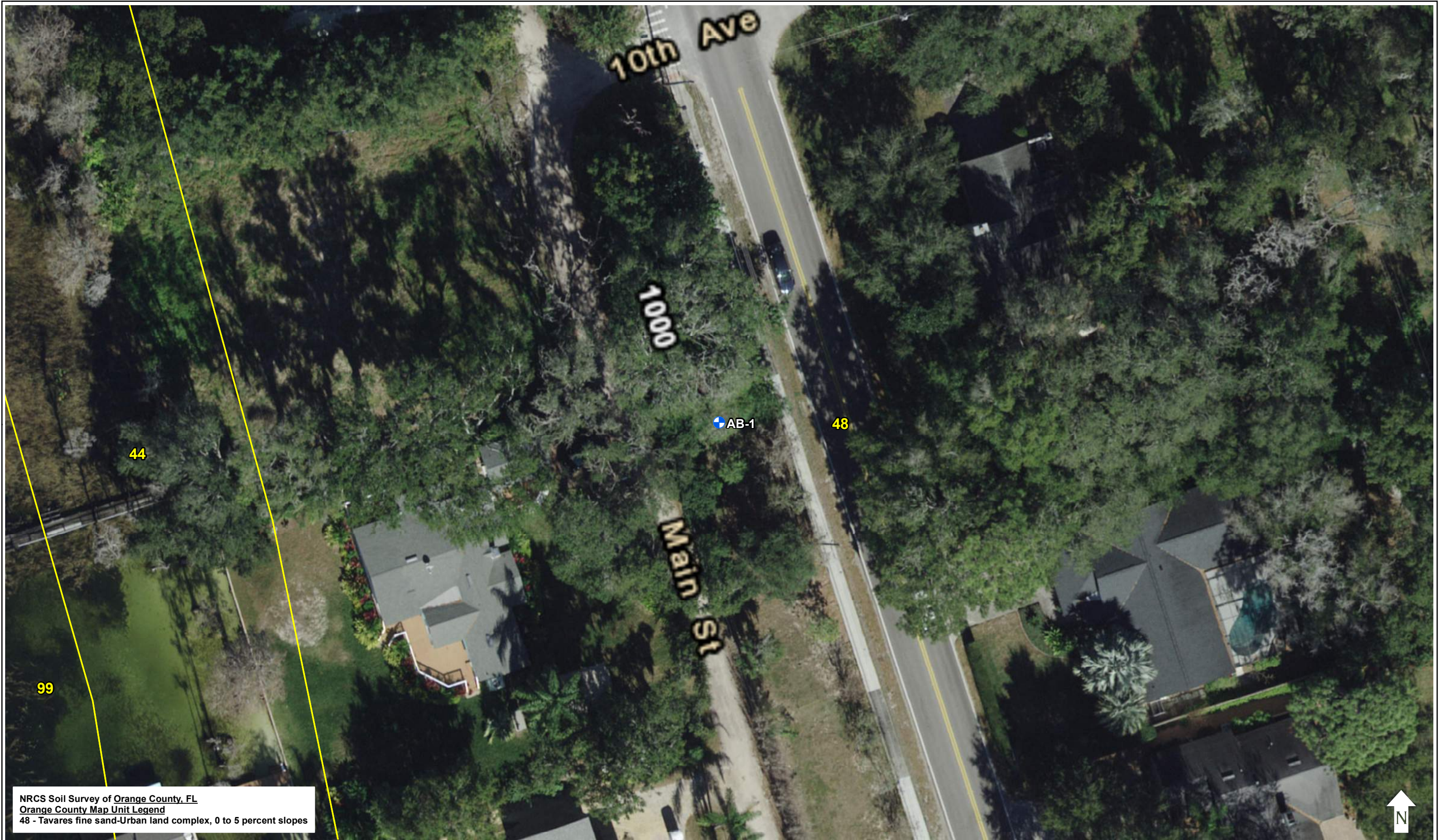
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DATE	DESCRIPTION	DATE	DESCRIPTION

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TOWN OF
WINTERMERE

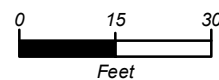
PLAN-PROFILE (02)

SHEET NO.
10



NRCS Soil Survey of Orange County, FL
 Orange County Map Unit Legend
 48 - Tavares fine sand-Urban land complex, 0 to 5 percent slopes

APPROXIMATE AUGER BORING LOCATION

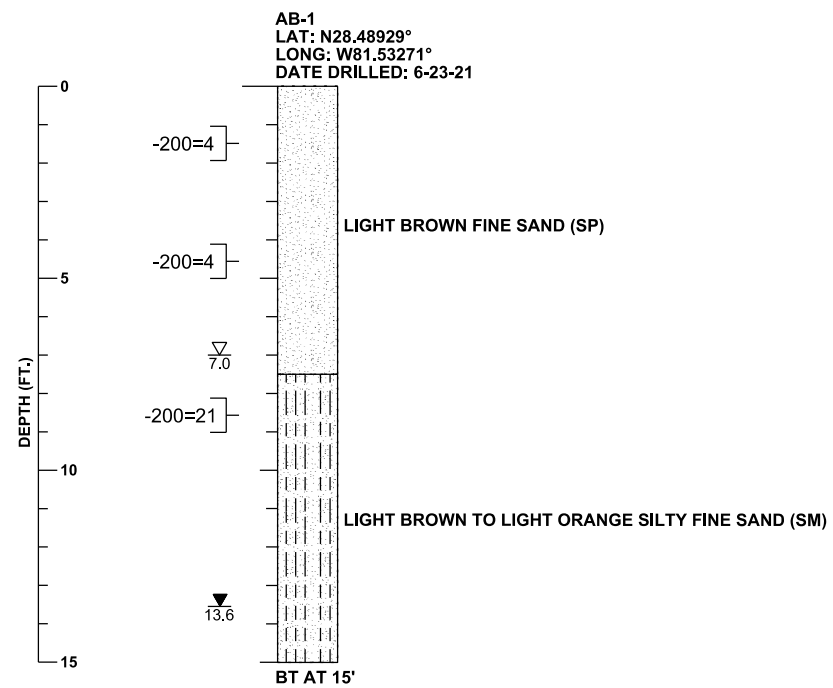


GEC Geotechnical and Environmental Consultants, Inc.
 919 LAKE BALDWIN LANE
 ORLANDO, FL. 32814
 CHRISTOPHER P. MEYER, P.E.
 P.E. LICENSE NUMBER 49328

OLD MAIN STREET FROM
 9TH TO 10TH AVENUE
 STORMWATER IMPROVEMENTS

NRCS SOIL SURVEY AND
 BORING LOCATION PLAN

SHEET NO.
 11



LEGEND

- ▽ 7.0 ESTIMATED SEASONAL HIGH GROUNDWATER DEPTH (FEET)
- ▼ 13.6 ENCOUNTERED GROUNDWATER DEPTH (FEET)
- BT BORING TERMINATED AT DEPTH INDICATED
- 200= PERCENT PASSING NO. 200 U.S. STANDARD SIEVE
- [Stippled Box] SAND
- [Hatched Box] SAND AND SILT

GENERAL NOTES

SUBSURFACE CONDITIONS SHOWN ON THE BORING REPRESENT THE CONDITIONS ENCOUNTERED AT THE BORING LOCATION. ACTUAL CONDITIONS NEAR THE BORING MAY VARY FROM THOSE SHOWN. UNIFIED SOIL CLASSIFICATIONS SHOWN ON THE BORING ARE BASED ON VISUAL EXAMINATION AND THE LABORATORY TESTING SHOWN.

THE BORING LOCATION WAS NOT SURVEYED. BORING LOCATION WAS ESTABLISHED IN THE FIELD USING A SUB-METER ACCURACY GPS UNIT (TRIMBLE GEO XH).

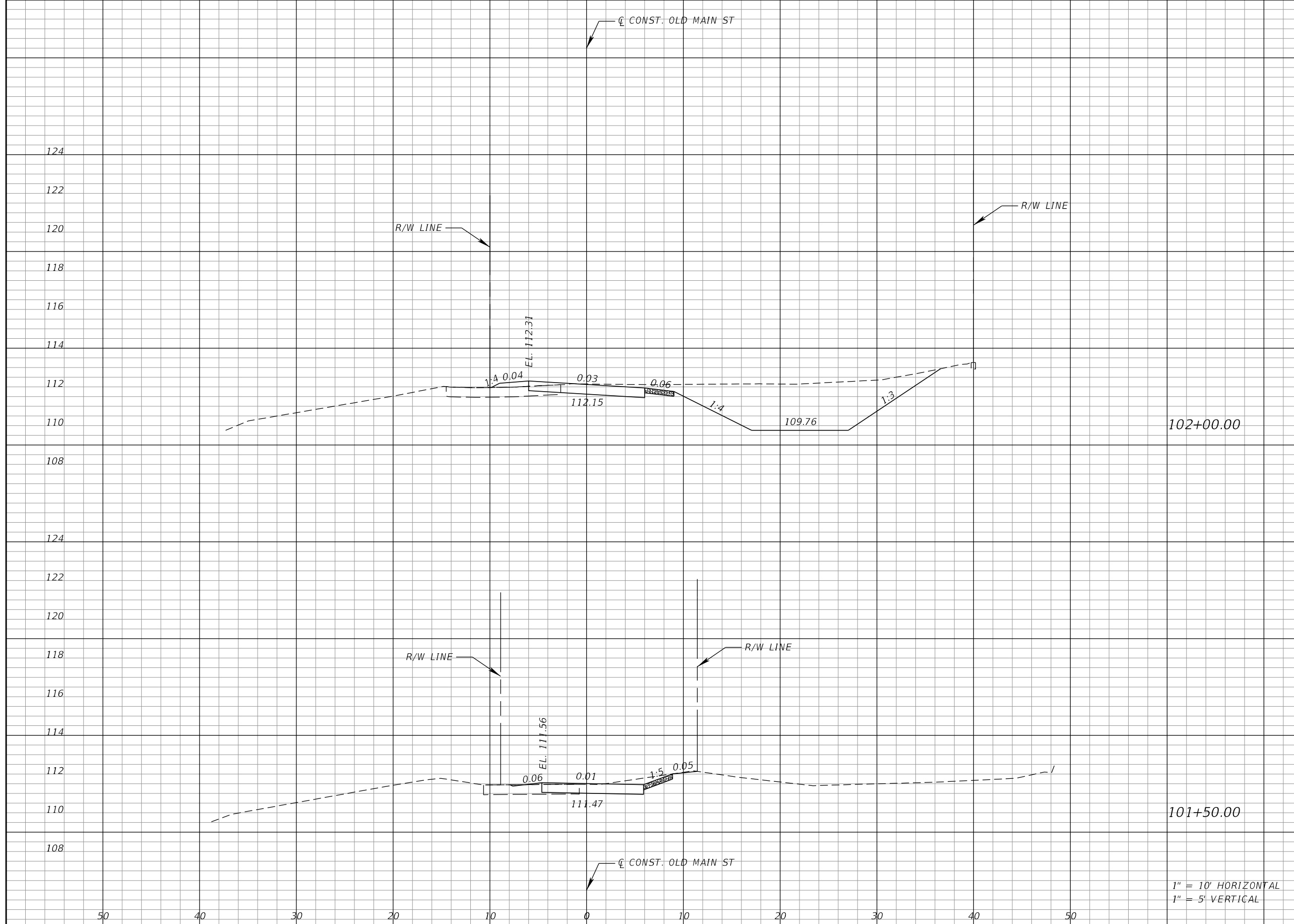
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



*OLD MAIN STREET FROM
9TH TO 10TH AVENUE
STORMWATER IMPROVEMENTS*

*REPORT OF AUGER BORING
RESULTS*

SHEET
NO.
12

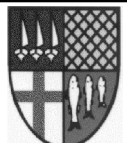


Regular		Exc.		Embankment	
A	V	A	V	A	V
53			54	1	1
5			5	0	0

1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

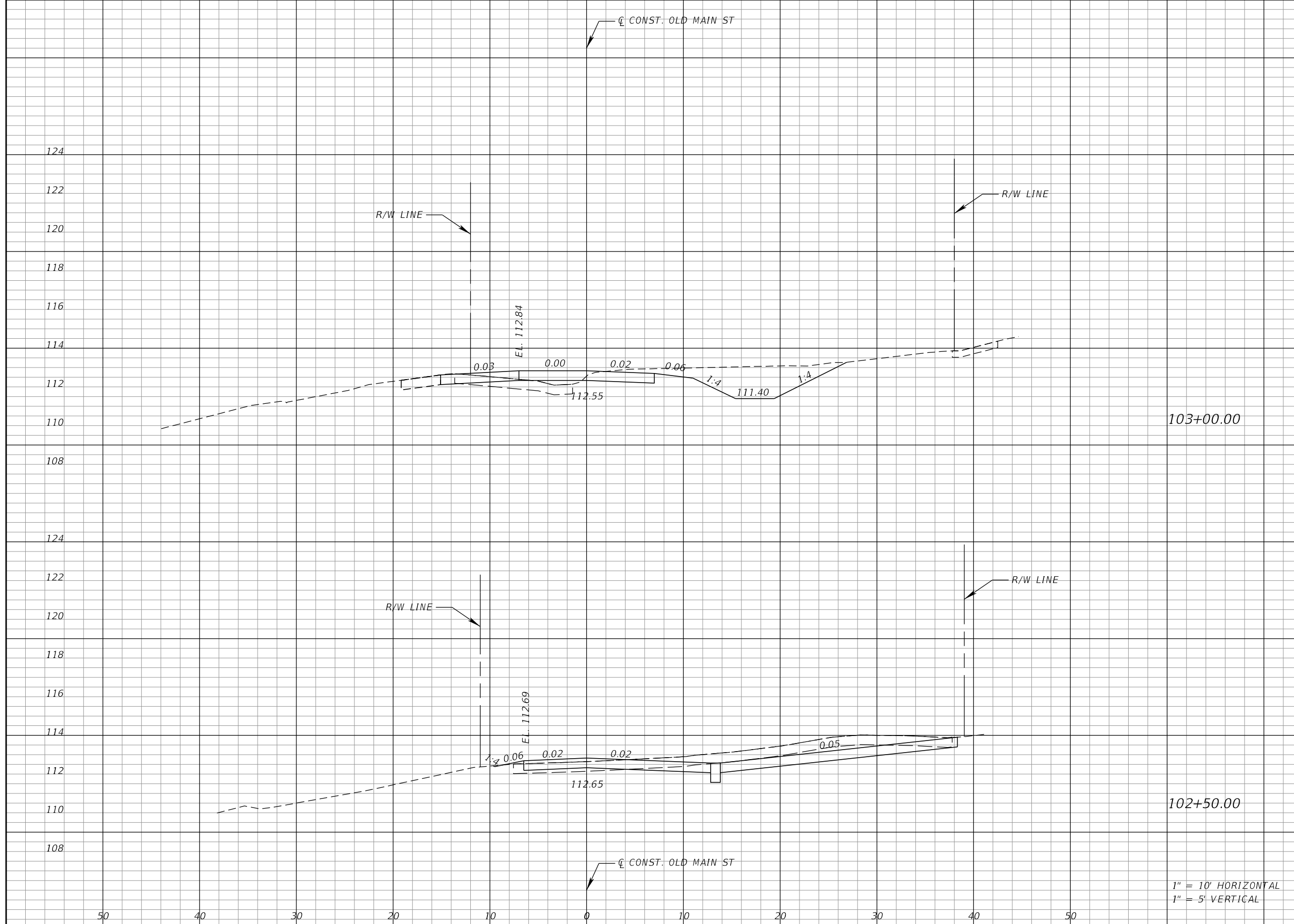
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 P.E. License No. 61640
 200 South Orange Avenue, Suite 600
 Orlando, Florida 32801



**TOWN OF
WINDERMERE**

CROSS SECTIONS

SHEET NO.
14

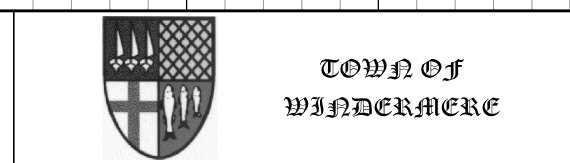


Regular		Exc.		Embankment	
A	V	A	V	A	V
24			36	1	
					1
15			63	0	
					1

1" = 10' HORIZONTAL
1" = 5' VERTICAL

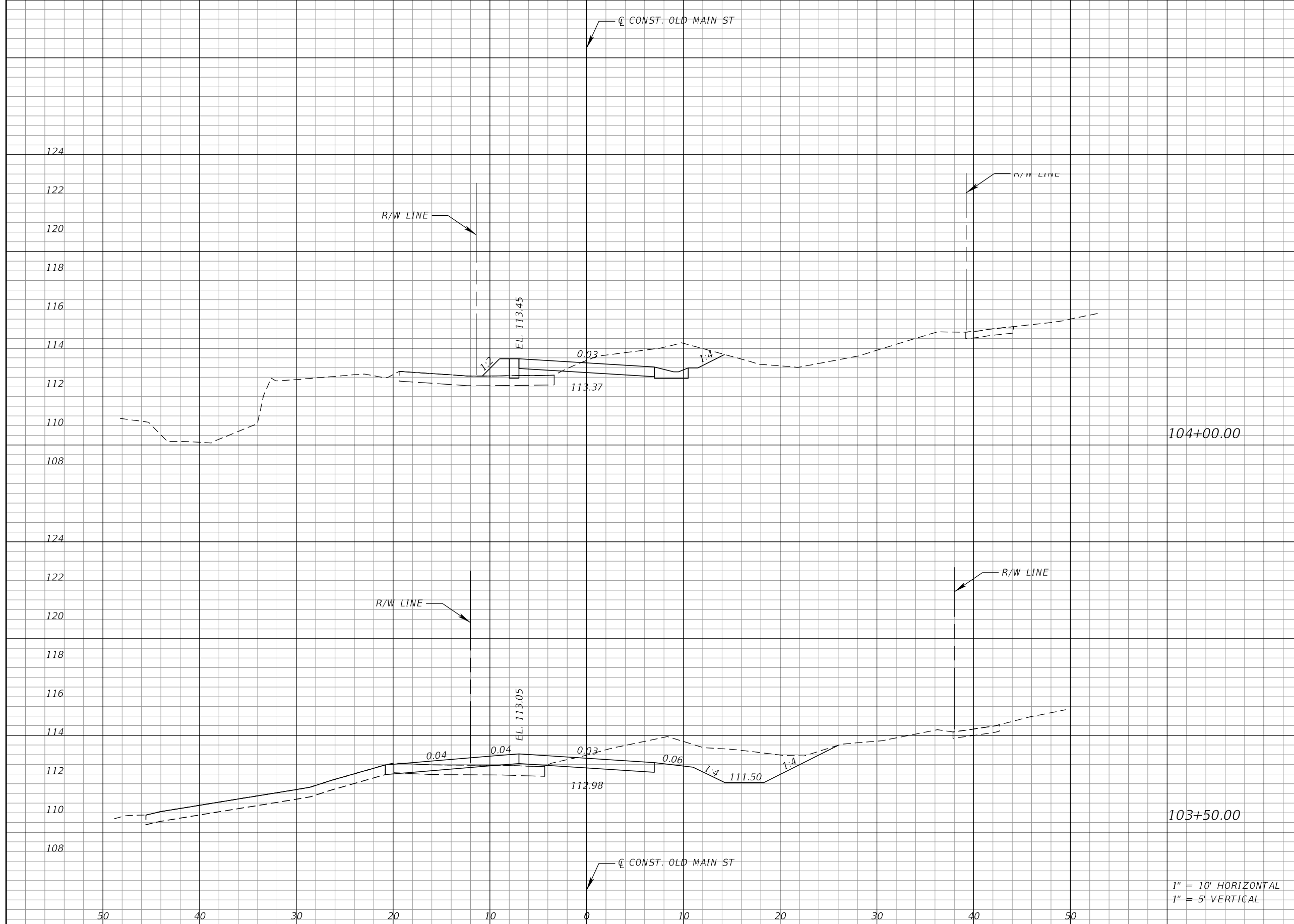
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CROSS SECTIONS

SHEET NO.
15



Regular		Exc.		Embankment	
A	V	A	V	A	V
17	45	3	3		
31	51	0	1		

1" = 10' HORIZONTAL
1" = 5' VERTICAL

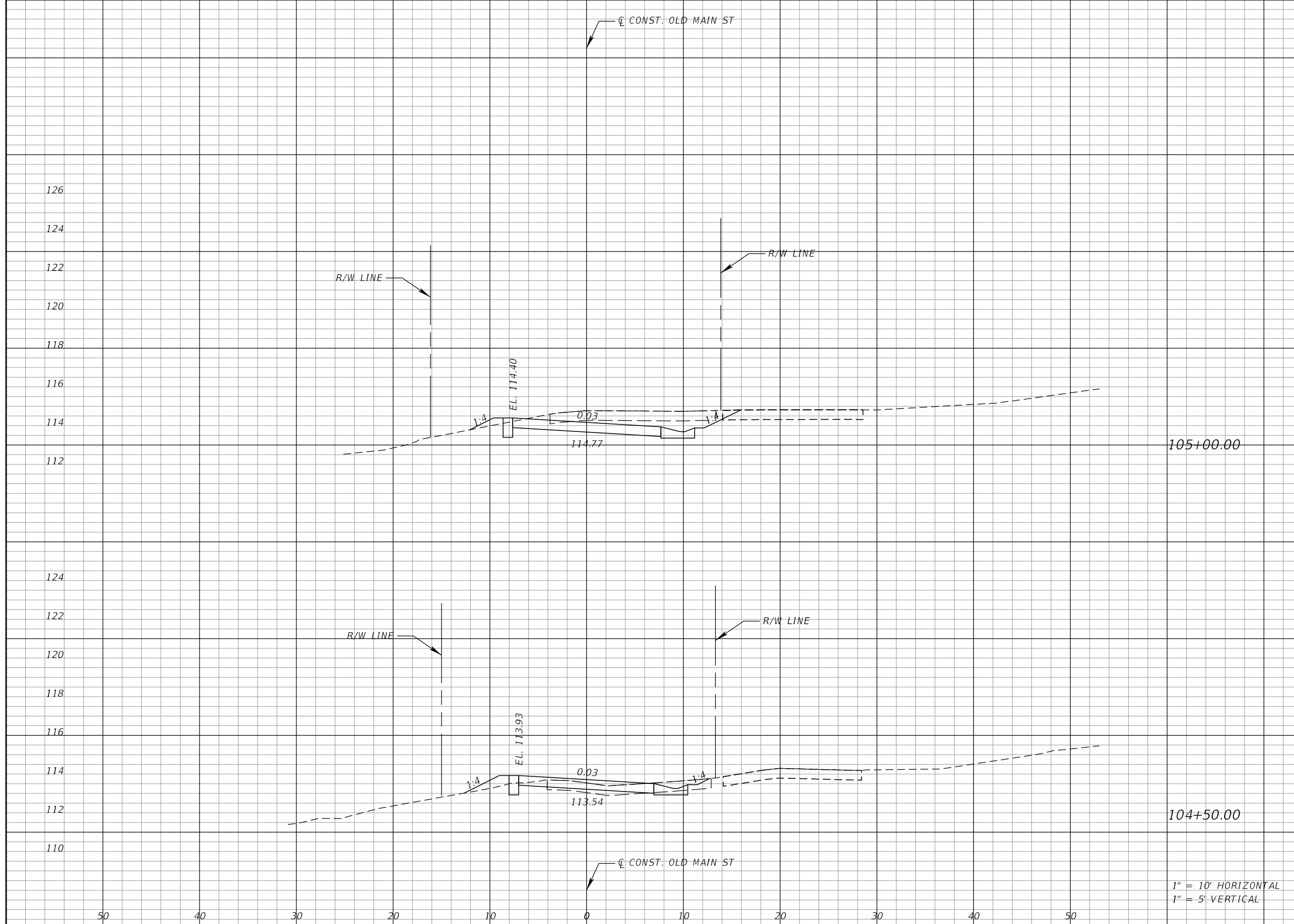
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CROSS SECTIONS

SHEET NO.
16



Regular		Exc.		Embankment	
A	V	A	V	A	V
15		15		1	
2		17		2	
					4

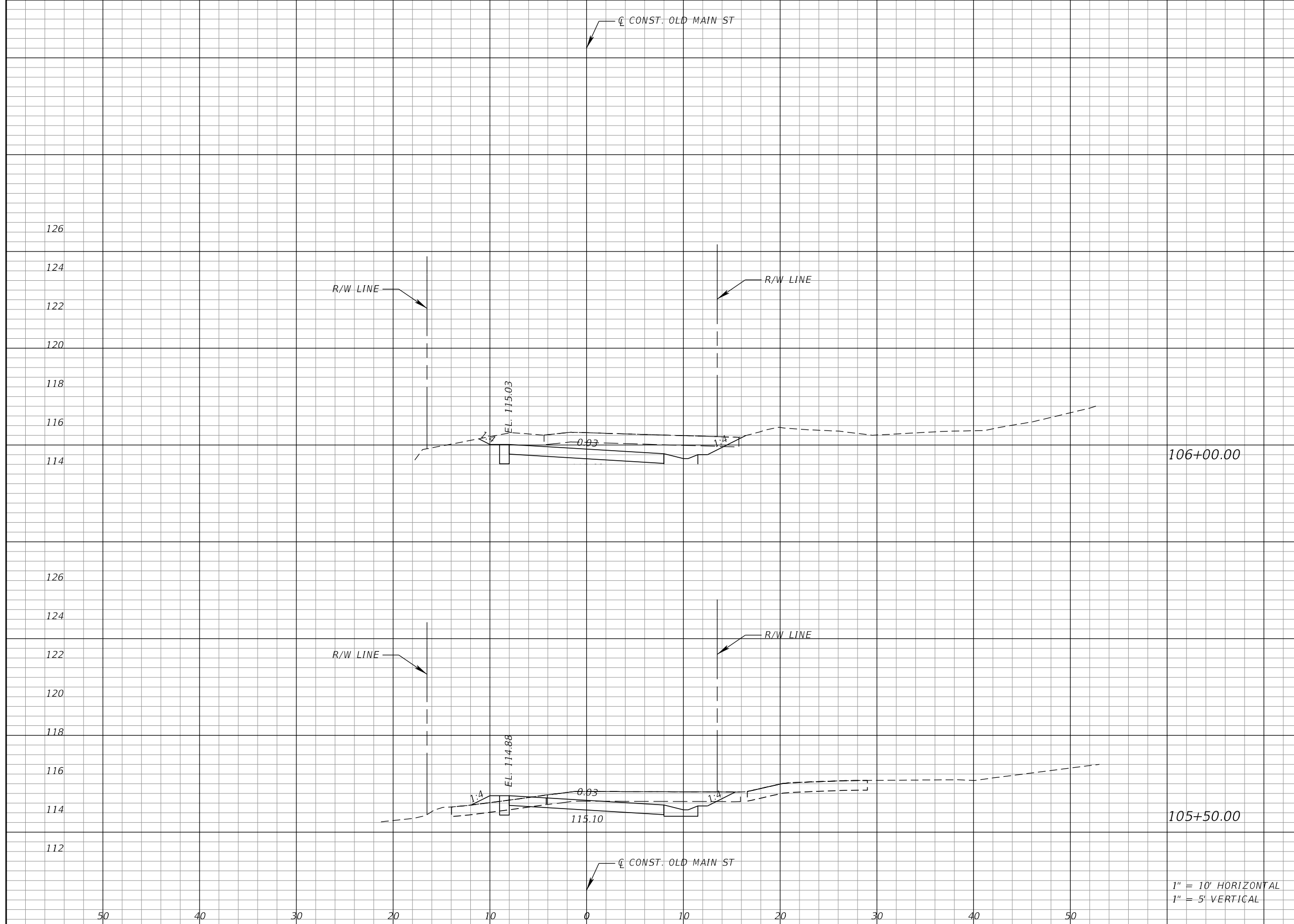
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CROSS SECTIONS

SHEET NO.
17



Regular		Exc.		Embankment	
A	V	A	V	A	V
21	28	0	1		
9	22	1	1		

1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

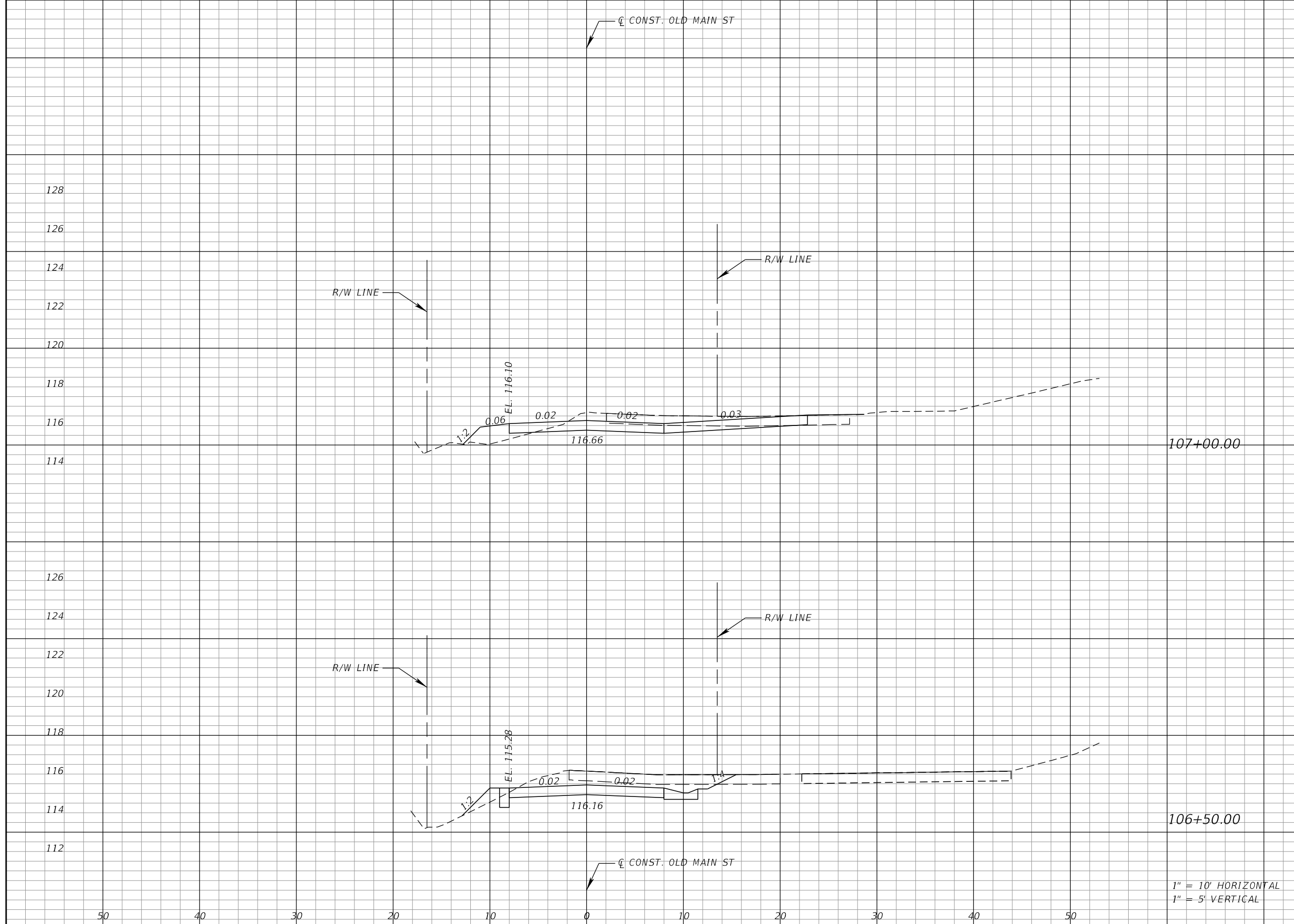
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**TOWN OF
WINDERMERE**

CROSS SECTIONS

SHEET NO.
18



Regular		Exc.		Embankment	
A	V	A	V	A	V
9	23	4	5		
16	34	2	2		

1" = 10' HORIZONTAL
1" = 5' VERTICAL

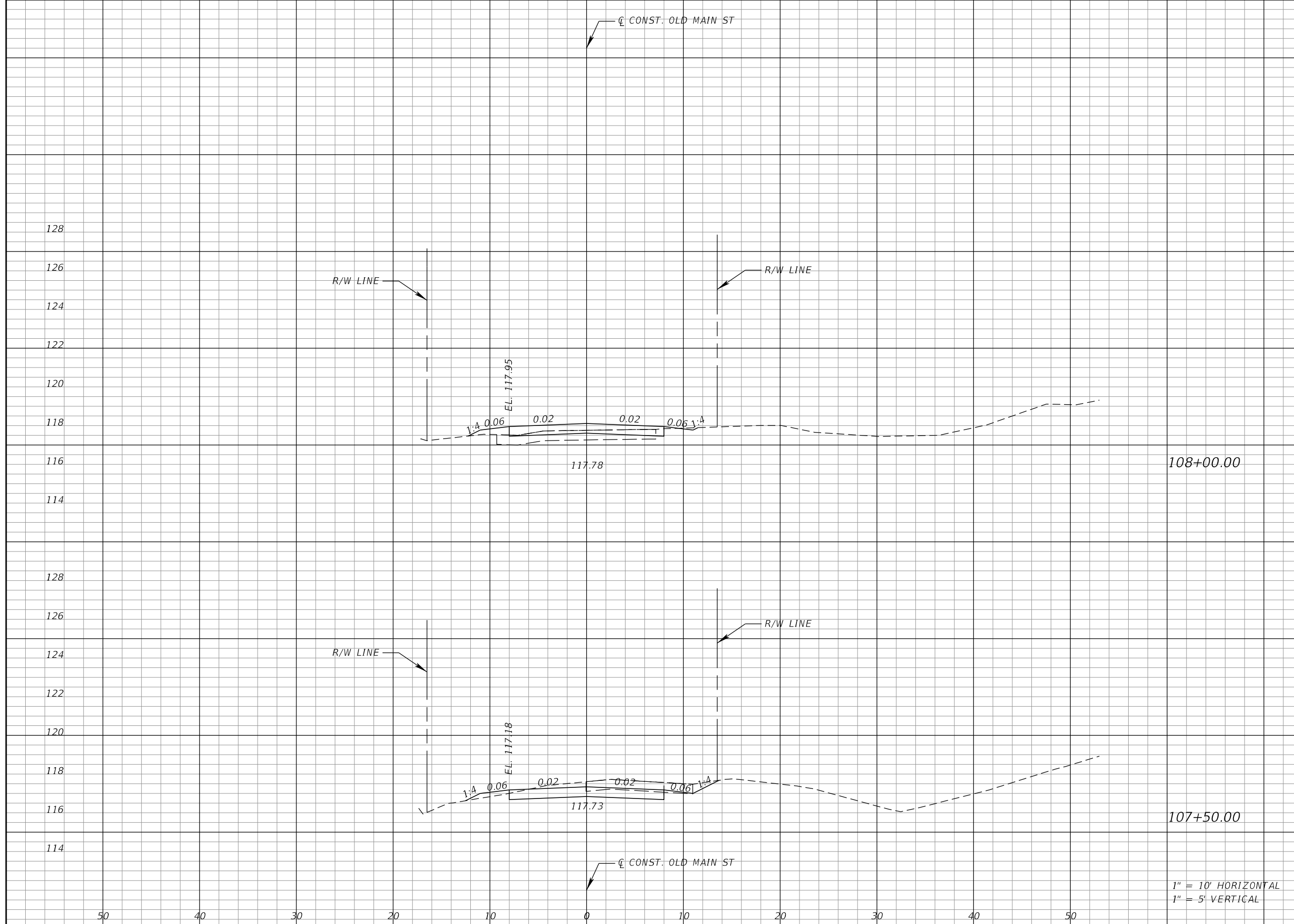
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CROSS SECTIONS

SHEET NO.
19



Regular		Exc.		Embankment	
A	V	A	V	A	V
0	8	1	2		
9	16	1	4		

1" = 10' HORIZONTAL
1" = 5' VERTICAL

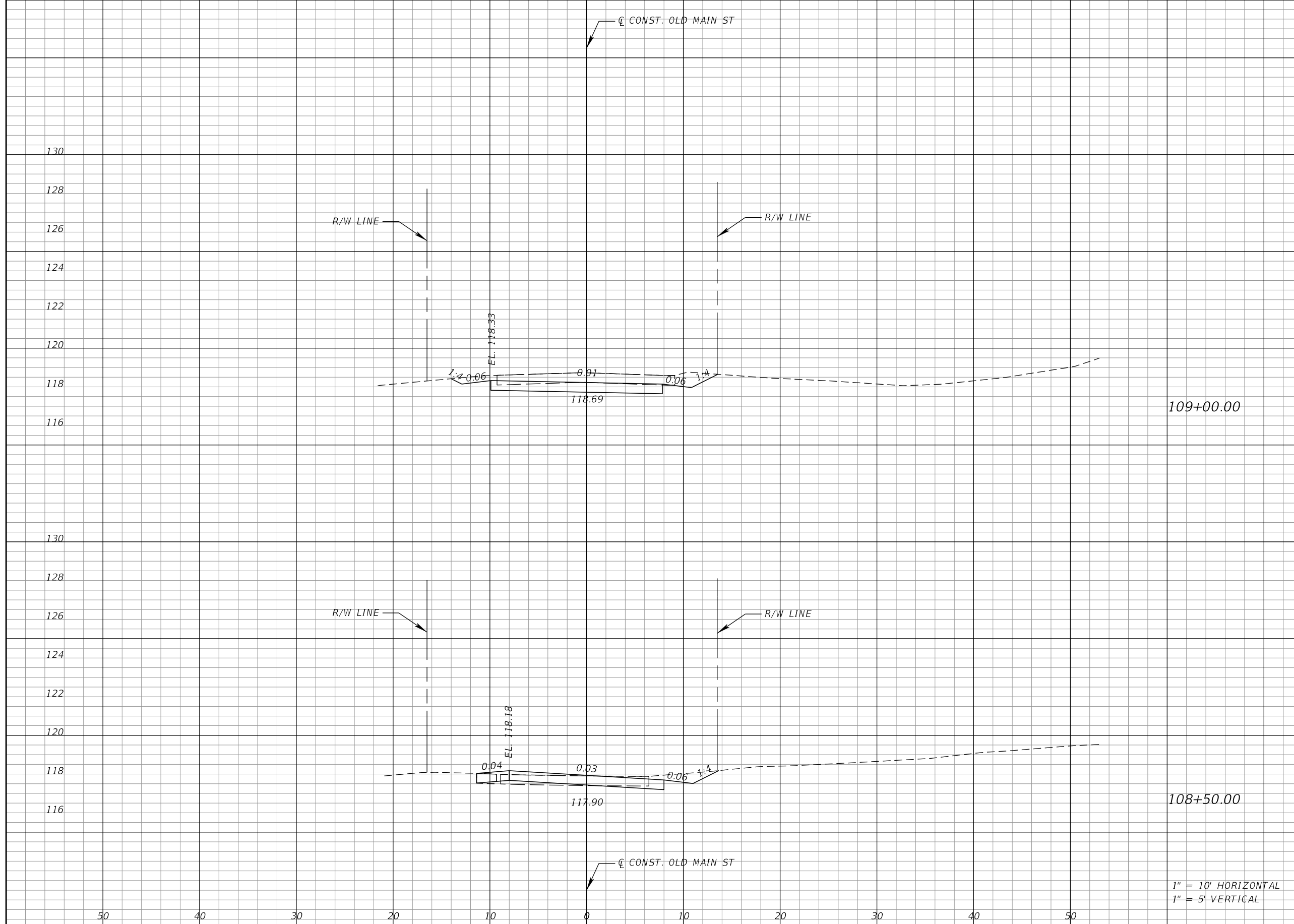
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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CROSS SECTIONS

SHEET NO.
20

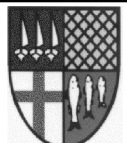


Regular		Exc.		Embankment	
A	V	A	V	A	V
11	14	0	0	0	0
4	4	0	1	0	1

1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

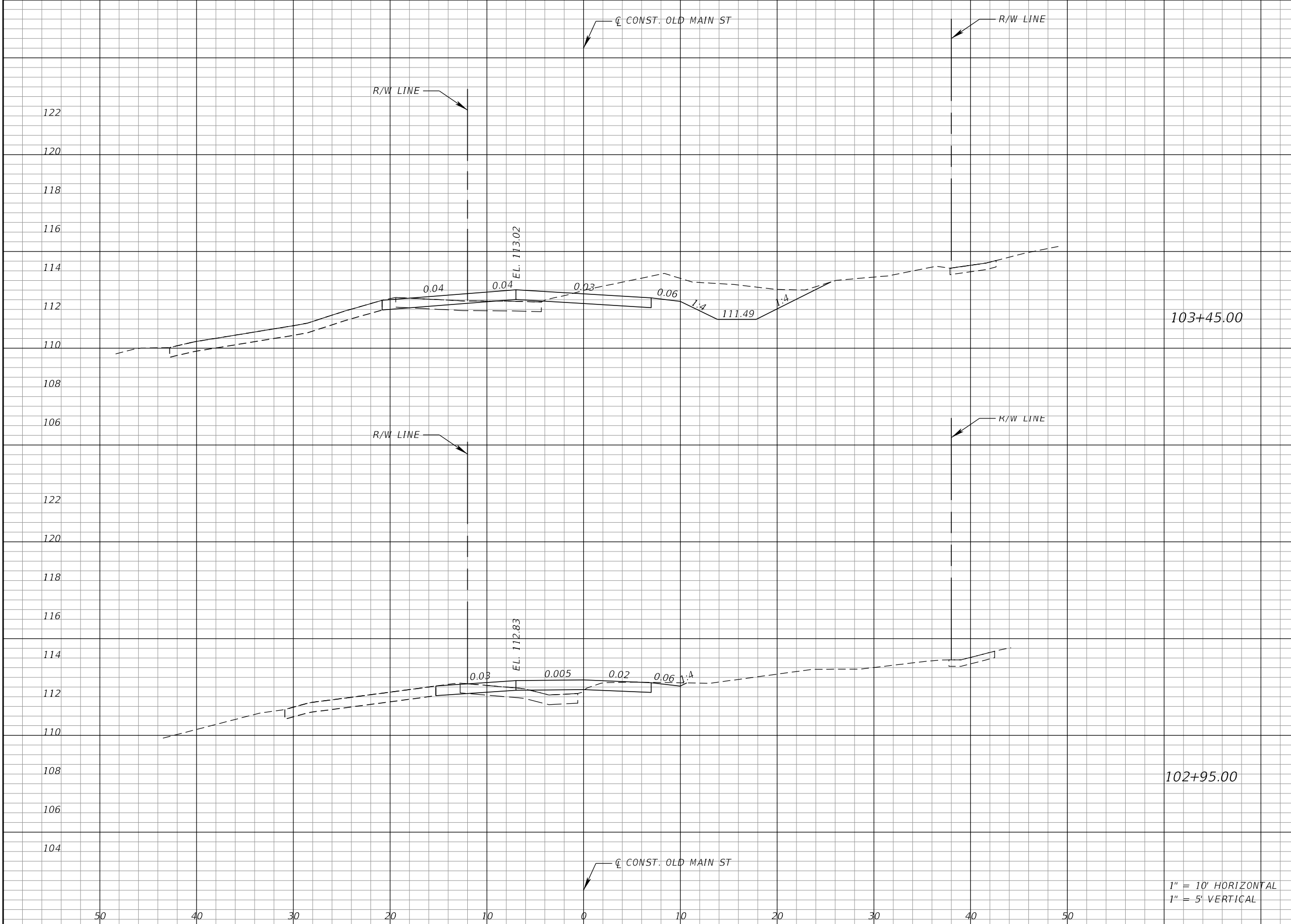
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TOWN OF WINDERMERE

CROSS SECTIONS

SHEET NO.
21

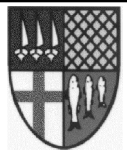


Regular		Exc.		Embankment	
A	V	A	V	A	V
32		0			
4		1			

1" = 10' HORIZONTAL
1" = 5' VERTICAL

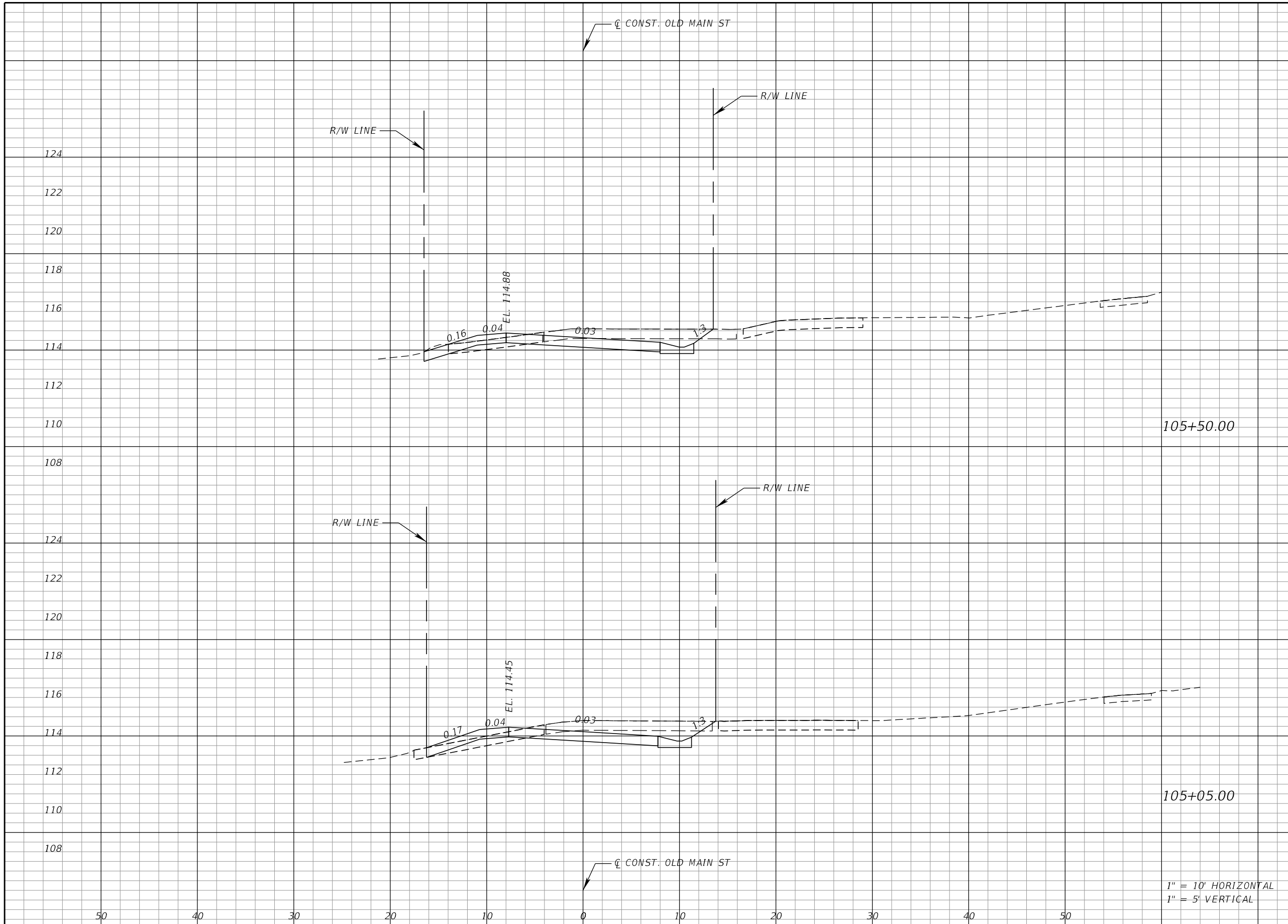
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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TOWN OF WINDERMERE

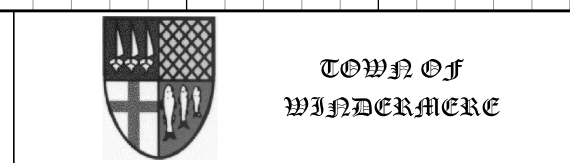
DRIVEWAY CROSS SECTIONS



Regular		Exc.		Embankment	
A	V	A	V	A	V
10				0	
11				0	

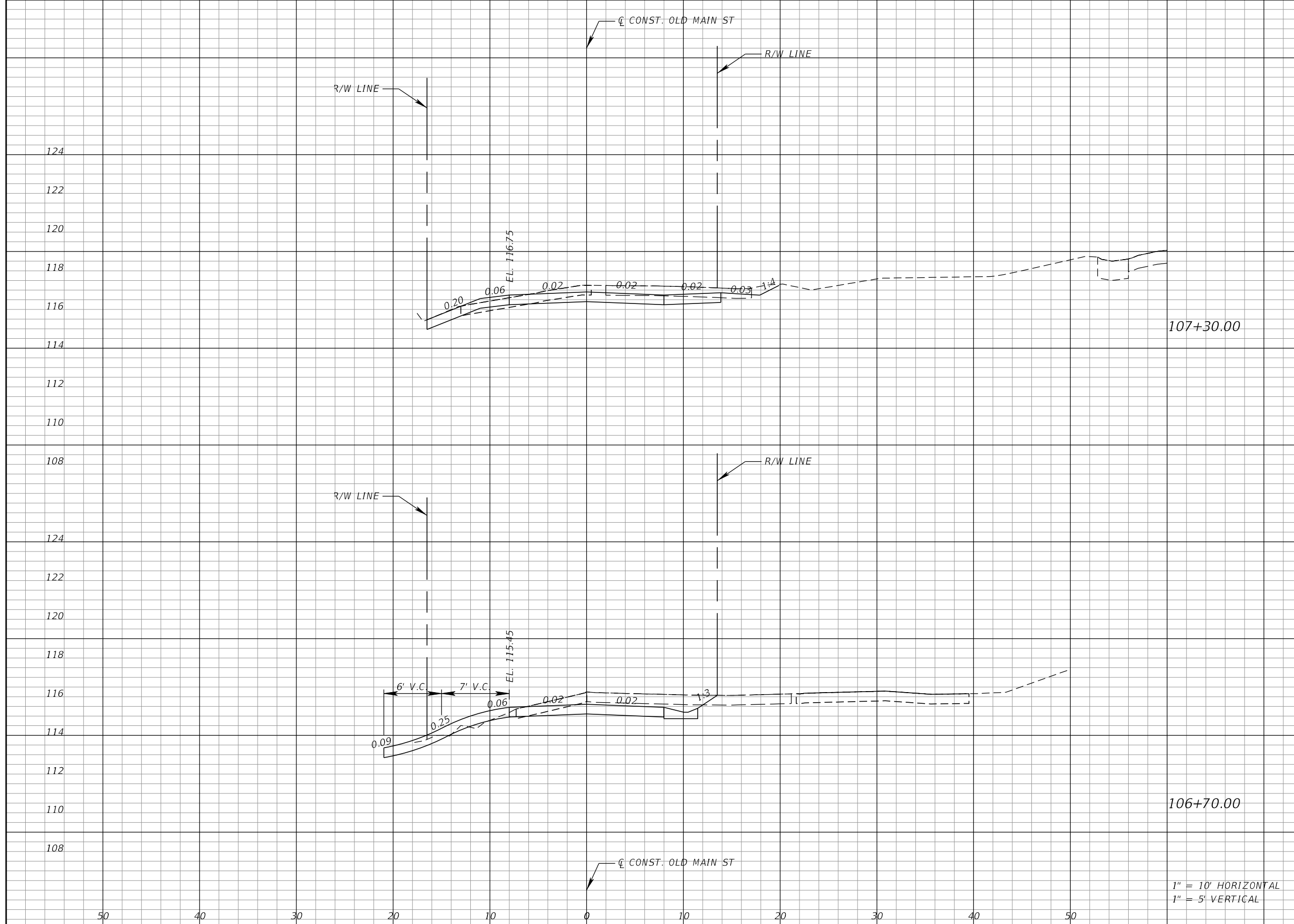
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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**DRIVEWAY
CROSS SECTIONS**

SHEET
NO.
24

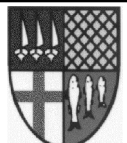


Regular		Exc.		Embankment	
A	V	A	V	A	V
10				0	
13				0	

1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

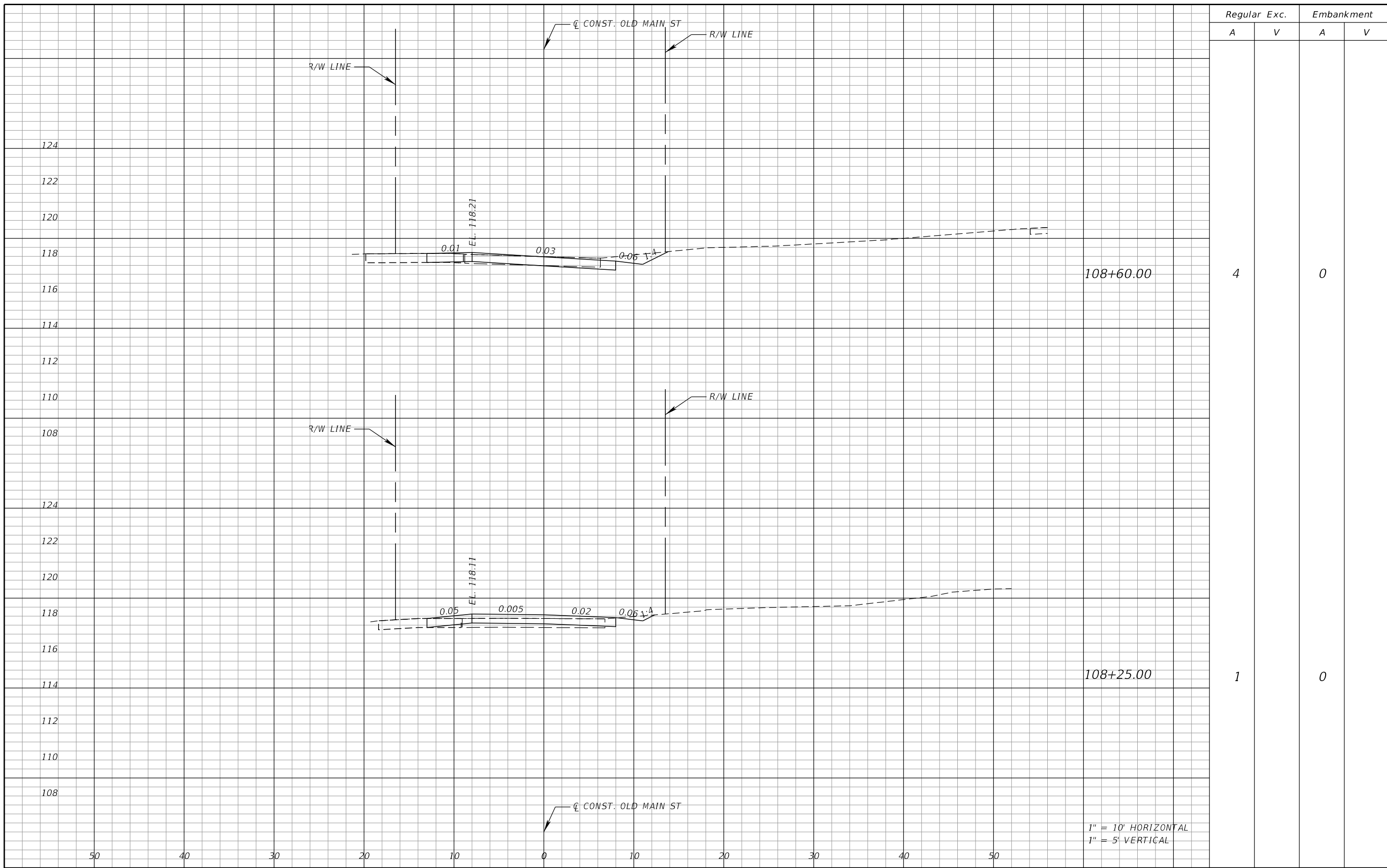
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TOWN OF WINTERMERE

DRIVEWAY CROSS SECTIONS

SHEET NO.
25

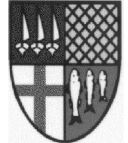


Regular Exc.		Embarkment	
A	V	A	V
4		0	
1		0	

1" = 10' HORIZONTAL
1" = 5' VERTICAL

REVISIONS			
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TOWN OF WINTERMERE

DRIVEWAY CROSS SECTIONS

SHEET NO.
26