BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION

INDEX OF PLANS

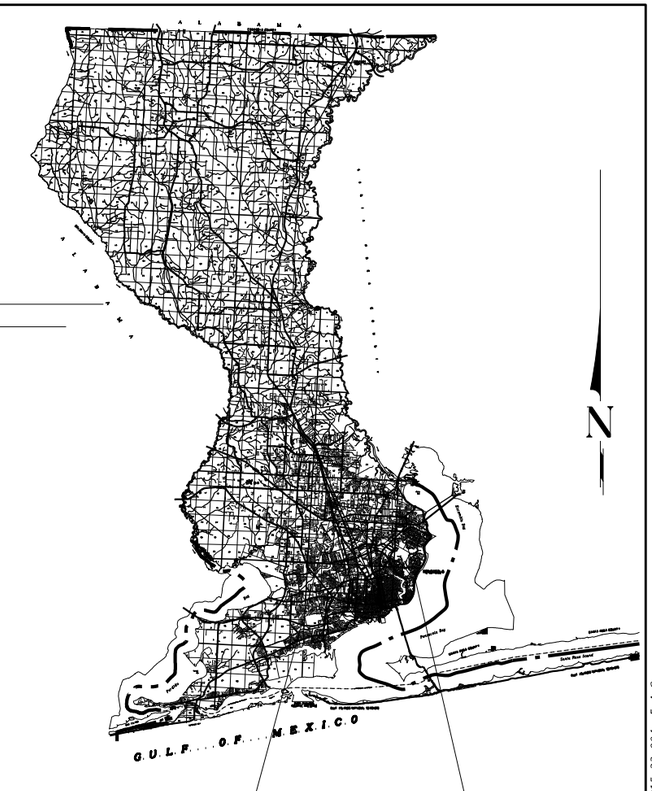
SHEET NO. & DESCRIPTION

1	KEY SHEET
2	SIGNATURE SHEET
3 - 9	DRAINAGE MAP
10 - 13	TYPICAL SECTIONS
14	PROJECT LAYOUT
15	GENERAL NOTES
16 - 38	ROADWAY PLAN-PROFILE
39 - 117	CROSS SECTIONS
118 - 119	STORMWATER POLLUTION PREVENTION PLAN

PLANS PROPOSED FOR

OLIVE ROAD STREET IMPROVEMENT PROJECT

(PALAFOX STREET TO DAVIS HIGHWAY)



VICINITY MAP

BEGIN PROJECT
STA. 130+00.00
OLIVE ROAD

END CONSTRUCTION
STA. 140+78.46
CSX RAILROAD CROSSING

BEGIN CONSTRUCTION
STA. 141+11.57
CSX RAILROAD CROSSING

END PROJECT
STA. 256+50.00
OLIVE ROAD

30% PLANS
FEBRUARY 2022

COMMISSIONERS

DISTRICT ONE	JEFF BERGOSH, CHAIRMAN
DISTRICT TWO	DOUG UNDERHILL, VICE CHAIMAN
DISTRICT THREE	LUMON MAY
DISTRICT FOUR	ROBERT BENDER
DISTRICT FIVE	STEVEN BARRY

PLANS PREPARED BY:

moffatt & nichol

MOFFATT & NICHOL
100 N. SPRING STREET, SUITE 2
PENSACOLA, FL 32502
CERTIFICATE OF AUTHORIZATION NO.: 4877

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

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

PROJECT MANAGER: DENISE C. BREWER	PHONE NUMBER 850-595-0793
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W	DISTRICT: 3 & 4
PROJECT ENGINEER: ALEXANDER J. WELFLE	REG FLA ENG NO: 86552
SIGNATURE:	DATE:

O:\OBL\21412\20 CADD\ Active\000000-0-00-00\roadway\KEYSHD01.dgn 2/2/2022 4:08:54 PM Default pdorsey
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

ALEXANDER J. WELFLE
LICENSE
No 86552
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE
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MOFFATT & NICHOL
730 BAYFRONT PKWY, STE 5B
PENSACOLA, FL 32502
ALEXANDER J. WELFLE, P.E. NO. 86552

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

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
10 - 13	TYPICAL SECTIONS
14	PROJECT LAYOUT
15	GENERAL NOTES
16 - 38	ROADWAY PLAN-PROFILE
39 - 117	CROSS SECTIONS

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY:

JASON T. RIPLEY
LICENSE
No 68328
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

ON THE DATE ADJACENT TO THE SEAL

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730 BAYFRONT PKWY, STE 5B
PENSACOLA, FL 32502
JASON T. RIPLEY, P.E. NO. 68328

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SHEET NO.	SHEET DESCRIPTION
2	SIGNATURE SHEET
3 - 9	DRAINAGE MAP
118 - 119	STORMWATER POLLUTION PREVENTION PLAN

OLIVE ROAD STREET
IMPROVEMENT PROJECT

SIGNATURE SHEET

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
FIELD BOOK / PAGES:		SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W	

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 2

pdorsey
O:\ORL\211412\20 CADD_Active\000000-0-00-00\roadway\SIGNRD01.dgn
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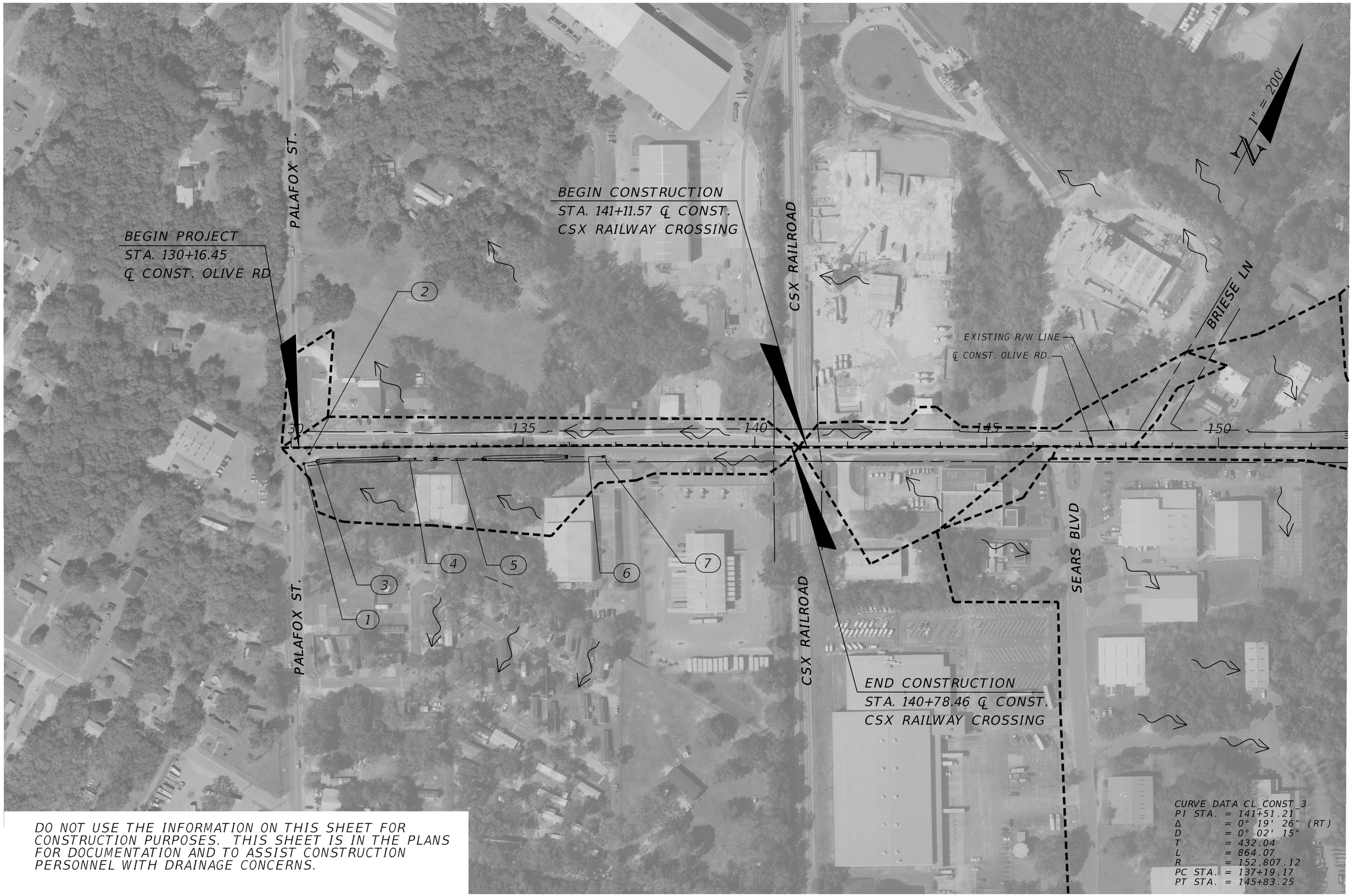

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OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328
FIELD BOOK / PAGES:		SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W	PHONE NUMBER: (850) 815-3040

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CURVE DATA CL_CONST_6
PI STA. = 159+45.98
Δ = 1° 10' 42" (RT)
D = 0° 26' 27"
T = 133.68
L = 267.34
R = 13,000.00
PC STA. = 158+12.31
PT STA. = 160+79.65

CURVE DATA CL_CONST_7
PI STA. = 163+15.97
Δ = 14° 42' 59" (RT)
D = 3° 07' 51"
T = 236.32
L = 470.04
R = 1,830.00
PC STA. = 160+79.65
PT STA. = 165+49.68

CURVE DATA CL_CONST_8
PI STA. = 166+88.30
Δ = 2° 16' 08" (RT)
D = 0° 49' 07"
T = 138.61
L = 277.19
R = 7,000.00
PC STA. = 165+49.68
PT STA. = 168+26.87

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OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP

ESCAMBIA COUNTY, FLORIDA
MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328 / PHONE NUMBER: (850) 815-3040
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NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 4

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CURVE DATA CL CONST_11
PI STA. = 183+35.51
Δ = 8° 09' 10" (RT)
D = 1° 26' 06"
T = 284.56
L = 568.16
R = 3,992.86
BC STA. = 180+50.96
PT STA. = 186+19.11

CURVE DATA CL CONST_14
PI STA. = 199+83.12
Δ = 1° 46' 20" (LT)
D = 0° 28' 39"
T = 185.60
L = 371.17
R = 12,000.00
PC STA. = 197+97.51
PT STA. = 201+68.69

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OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 2/27/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328 / PHONE NUMBER: (850) 815-3040
FIELD BOOK / PAGES:		SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W	

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 5

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OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328 / PHONE NUMBER: (850) 815-3040
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SHEET 6

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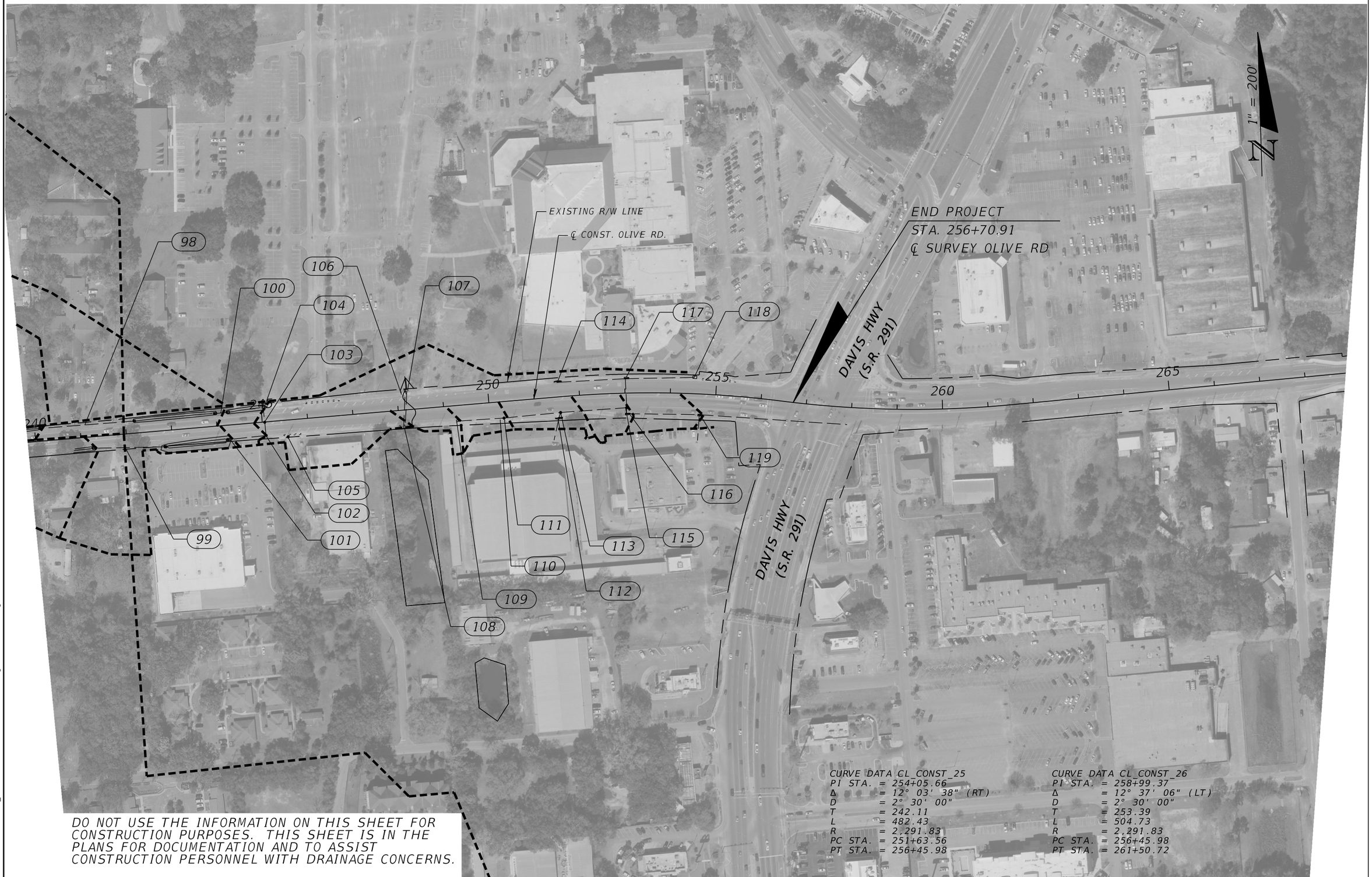

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OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PJD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328 / PHONE NUMBER: (850) 815-3040
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(70) MES, SIDE DRAIN
18" R.C.P.
W. FL 118.30
E. FL 118.20

(71) MES, SIDE DRAIN
18" R.C.P.
W. FL 119.31
E. FL 119.57

(72) MES, SIDE DRAIN
18" R.C.P.
W. FL 119.00
E. FL 118.64

(73) MES
18" R.C.P.
W. FL 118.86

(74) DBI
18" R.C.P.
W. FL 117.96
E. FL 117.96

(75) MES
18" R.C.P.
E. FL 117.74

(76) MES
18" R.C.P.
W. FL 118.75

(77) DBI
18" R.C.P.
W. FL 117.66
E. FL 117.66

(78) DBI
18" R.C.P.
W. FL 117.11
E. FL 117.11

(79) MES
18" R.C.P.
E. FL 117.00

(80) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.76
E. FL 117.44

(81) MES, SIDE DRAIN
18" R.C.P.
W. FL 118.10
E. FL 117.76

(82) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.83
E. FL 117.55

(83) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.37
E. FL 116.80

(84) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.40
E. FL 117.53

(85) MES
20" X 30" R.C.P.
W. FL 116.87

(86) MES, SIDE DRAIN
18" R.C.P.
W. FL 116.55
E. FL 116.51

(87) MES
18" R.C.P.
N. FL 117.04

(88) MES
18" R.C.P.
N. FL 116.60

(89) MES
20" X 30" R.C.P.
E. FL 116.23

(90) MES, SIDE DRAIN
18" R.C.P.
W. FL 116.41
E. FL 116.08

(91) MES, CROSS DRAIN
14" X 23" R.C.P.
N. FL 116.36
S. FL 116.31

(92) MES, SIDE DRAIN
19" X 30" R.C.P.
W. FL 116.11
E. FL 116.05

(93) MES, SIDE DRAIN
19" X 30" R.C.P.
W. FL 116.02
E. FL 115.82

(94) OVERFLOW WEIR
FL UNKNOWN

(95) MES, SIDE DRAIN
18" R.C.P.
W. FL 116.20
E. FL 116.23

(96) MES, SIDE DRAIN
18" R.C.P.
W. FL 116.42
E. FL 116.19

(97) MES, CROSS DRAIN
DBL 14" X 23" R.C.P.
N. FL 116.26 / 116.27
S. FL 116.15 / 116.15

(98) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.10
E. FL 116.65

(99) MES, SIDE DRAIN
18" R.C.P.
W. FL 117.23
E. FL 115.76

(100) MES, SIDE DRAIN
18" R.C.P.
W. FL 116.46
E. FL 116.28

(101) MES
18" R.C.P.
W. FL 115.80

(102) DBI
18" R.C.P.
N. FL 113.14
W. FL 113.14
E. FL 114.49
S. FL 113.14 / 113.14

(103) MANHOLE
18" R.C.P.
N. FL UNKNOWN
S. FL UNKNOWN

(104) DBI
24" R.C.P.
W. FL 112.88
S. FL UNKNOWN

(105) MANHOLE
18" R.C.P.

(106) INLET, CROSS DRAIN
18" R.C.P.
N. FL UNKNOWN
S. FL 112.14
W. FL UNKNOWN

(107) DBI, CROSS DRAIN
18" R.C.P.
S. FL 112.18 / 112.14
N. FL UNKNOWN

(108) INLET, CROSS DRAIN
DBL 18" R.C.P.
N. FL 112.84 / 112.87

(109) DBI
18" R.C.P.
E. FL 112.03

(110) INLET
18" R.C.P.
N. FL 111.91

(111) MANHOLE
18" R.C.P.
S. FL UNKNOWN
W. FL UNKNOWN
E. FL UNKNOWN

(112) INLET
18" R.C.P.
N. FL 111.91
S. FL 111.91

(113) MANHOLE
18" R.C.P.
S. FL UNKNOWN
W. FL UNKNOWN
E. FL UNKNOWN

(114) INLET
18" R.C.P.
E. FL 111.18

(115) MANHOLE
18" R.C.P.
N. FL UNKNOWN
W. FL UNKNOWN
S. FL UNKNOWN

(116) INLET
18" R.C.P.
N. FL 109.89
E. FL 109.89

(117) INLET
18" R.C.P.
S. FL 109.48
W. FL 109.48
E. FL 109.48

(118) INLET
18" R.C.P.
W. FL 109.48

(119) INLET
18" R.C.P.
S. FL 108.75
W. FL 108.75
E. FL 108.75

(120) MES, SIDE DRAIN
24" C.M.P.
W. FL 120.11
E. FL 119.82

(121) DBI W/ FLUME
18" R.C.P.
N. FL UNKNOWN
S. FL UNKNOWN
E. FL UNKNOWN

(122) PIPE, NO MES
18" R.C.P.
W. FL UNKNOWN

(123) HEADWALL
18" C.M.P.
S. FL UNKNOWN

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP EXISTING STRUCTURES

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502
ENGINEER OF RECORD:
JASON T. RIPLEY
REG. FLA. ENG. NO.: 68328
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W

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SHEET 9

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O:\ORL\211412\20 CADD_Active\000000-0-00-00\drainage\DRMPRD02.dgn

1 MANHOLE
16" R.C.P.
E. FL XX.XX

2 MANHOLE
UNKNOWN
E. FL XX.XX

3 DBI
16" R.C.P.
W. FL 126.58

4 MES, SIDE DRAIN
18" R.C.P.
W. FL 127.09
E. FL 127.45

5 MES, SIDE DRAIN
18" R.C.P.
W. FL 128.65
E. FL 129.10

6 MES, SIDE DRAIN
18" R.C.P.
W. FL 130.04
E. FL 131.04

7 OVERFLOW PIPE
10" P.V.C.
N. FL 131.13
S. FL 131.04

8 MES, SIDE DRAIN
18" R.C.P.
W. FL 133.08
E. FL 133.18

9 MES, SIDE DRAIN
18" R.C.P.
W. FL 132.78

10 DBI, SIDE DRAIN
18" R.C.P.
W. FL 131.58
E. FL 131.58

11 MES, SIDE DRAIN
18" R.C.P.
E. FL 129.54

12 MES, SIDE DRAIN
18" R.C.P.
W. FL 128.91
E. FL 128.67

13 MES, SIDE DRAIN
18" R.C.P.
W. FL 125.86

14 DBI, SIDE DRAIN
18" R.C.P.
W. FL 122.36
E. FL 122.36

15 MES, SIDE DRAIN
18" R.C.P.
E. FL 122.61

16 MES, SIDE DRAIN
18" R.C.P.
W. FL 123.29
E. FL 122.86

17 MES, SIDE DRAIN
18" R.C.P.
W. FL 122.17
E. FL 121.50

18 MES
18" R.C.P.
W. FL 119.23

19 INLET
18" R.C.P.
W. FL UNKNOWN
E. FL UNKNOWN

20 INLET
18" R.C.P.
W. FL UNKNOWN
E. FL UNKNOWN

21 MES
18" R.C.P.
E. FL 118.01

22 MES, SIDE DRAIN
18" R.C.P.
W. FL 119.57
E. FL 119.15

23 MES, SIDE DRAIN
18" R.C.P.
W. FL 118.85
E. FL 118.52

24 MES, SIDE DRAIN
18" R.C.P.
W. FL 118.50
E. FL 118.40

25 MES, SIDE DRAIN
18" R.C.P.
W. FL 118.22
E. FL 117.72

26 MES, SIDE DRAIN
18" R.C.P.
W. FL 117.02
E. FL 116.06

27 SPILLWAY, SIDE DRAIN
24" R.C.P.
E. FL 115.07

28 MES, SIDE DRAIN
24" R.C.P.
E. FL 111.34

29 MES, SIDE DRAIN
18" R.C.P.
W. FL 114.12
E. FL 113.12

30 MES, SIDE DRAIN
18" R.C.P.
W. FL 111.71
E. FL 111.04

31 MES, SIDE DRAIN
19" X 30" E.R.C.P.
W. FL 111.09
E. FL 110.26

32 MES
18" R.C.P.
W. FL 109.16

33 DBI
18" R.C.P.
W. FL 107.55
E. FL 107.55

34 MES, SIDE DRAIN
24" X 36" R.C.P.
W. FL 106.96
E. FL 106.39

35 DBI
18" R.C.P.
W. FL 105.19
E. FL 105.19

36 MES
18" R.C.P.
E. FL 107.42

37 PIPE, SIDE DRAIN
18" R.C.P.
W. FL 102.88
E. FL 102.52

38 MES, SIDE DRAIN
DBL 24" R.C.P.
W. FL 100.65 / 100.64
E. FL 100.03 / 99.99

39 MES, SIDE DRAIN
18" R.C.P.
W. FL 100.51
E. FL 99.24

40 MES, SIDE DRAIN
24" R.C.P.
W. FL 97.93
E. FL 97.42

41 MES, SIDE DRAIN
DBL 24" C.M.P.
W. FL 97.23 / 97.16
E. FL 94.77 / 94.77

42 HEADWALL, CULVERT
DBL 30" R.C.P.
N. FL 91.61 / 91.48
S. FL 91.21 / 91.26

43 MES, SIDE DRAIN
18" R.C.P.
W. FL 101.49
E. FL 97.42

44 HEADWALL
36" R.C.P.
S. FL 97.53

45 UNKNOWN
24" R.C.P.
E. FL UNKNOWN
36" R.C.P.
N. FL UNKNOWN
S. FL UNKNOWN

46 UNKNOWN
30" R.C.P.
E. FL UNKNOWN
36" R.C.P.
N. FL UNKNOWN
S. FL UNKNOWN

47 DBI
36" R.C.P.
N. FL 99.91
S. FL 99.91

48 MES
24" R.C.P.
W. FL 104.08

49 MES
18" R.C.P.
E. FL 104.23

50 MES
18" R.C.P.
W. FL 105.01

51 DBI
30" R.C.P.
W. FL 102.13
E. FL 102.13

52 DBI
30" R.C.P.
W. FL 102.13
24" R.C.P.
E. FL 102.13

53 DBI
24" R.C.P.
W. FL 107.28
E. FL 107.28

54 DBI
24" R.C.P.
W. FL 109.48
E. FL 109.48

55 DBI
24" R.C.P.
W. FL 111.20
18" R.C.P.
E. FL 111.56

56 MANHOLE
OFFSITE SYSTEM

57 MES
18" R.C.P.
E. FL 113.98

58 MES
18" R.C.P.
W. FL 115.94

59 STORM DRAIN PIPE
18" R.C.P.
S. FL 116.01

60 DBI
18" R.C.P.
N. FL 116.08
W. FL 116.08
E. FL 116.08

61 MES, SIDE DRAIN
18" R.C.P.
W. FL 117.71
E. FL 117.86

62 DBI
18" R.C.P.
W. FL 117.97
E. FL 117.97

63 DBI
18" R.C.P.
W. FL 117.98
E. FL 117.98

64 DBI
18" R.C.P.
W. FL 118.08
E. FL 118.08

65 DBI
18" R.C.P.
W. FL 118.73
E. FL 118.73

66 MES
18" R.C.P.
E. FL 118.98

67 MES, SIDE DRAIN
18" R.C.P.
W. FL 118.63
E. FL 118.53

68 MES, SIDE DRAIN
18" R.C.P.
W. FL 118.16
E. FL 118.63

69 MES, SIDE DRAIN
18" R.C.P.
W. FL 119.02
E. FL 119.37

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE MAP
EXISTING STRUCTURES

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD:
JASON T. RIPLEY
REG. FLA. ENG. NO.: 68328
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

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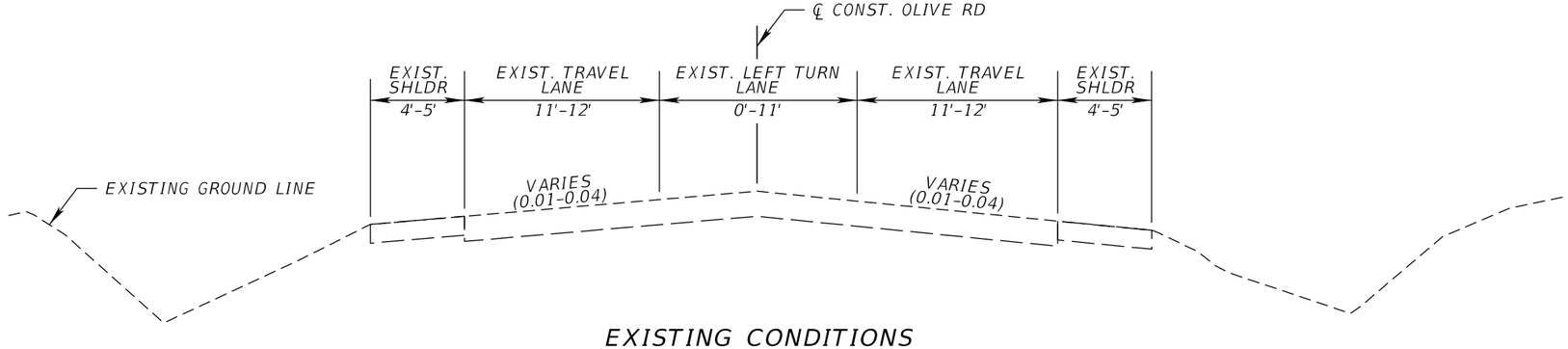
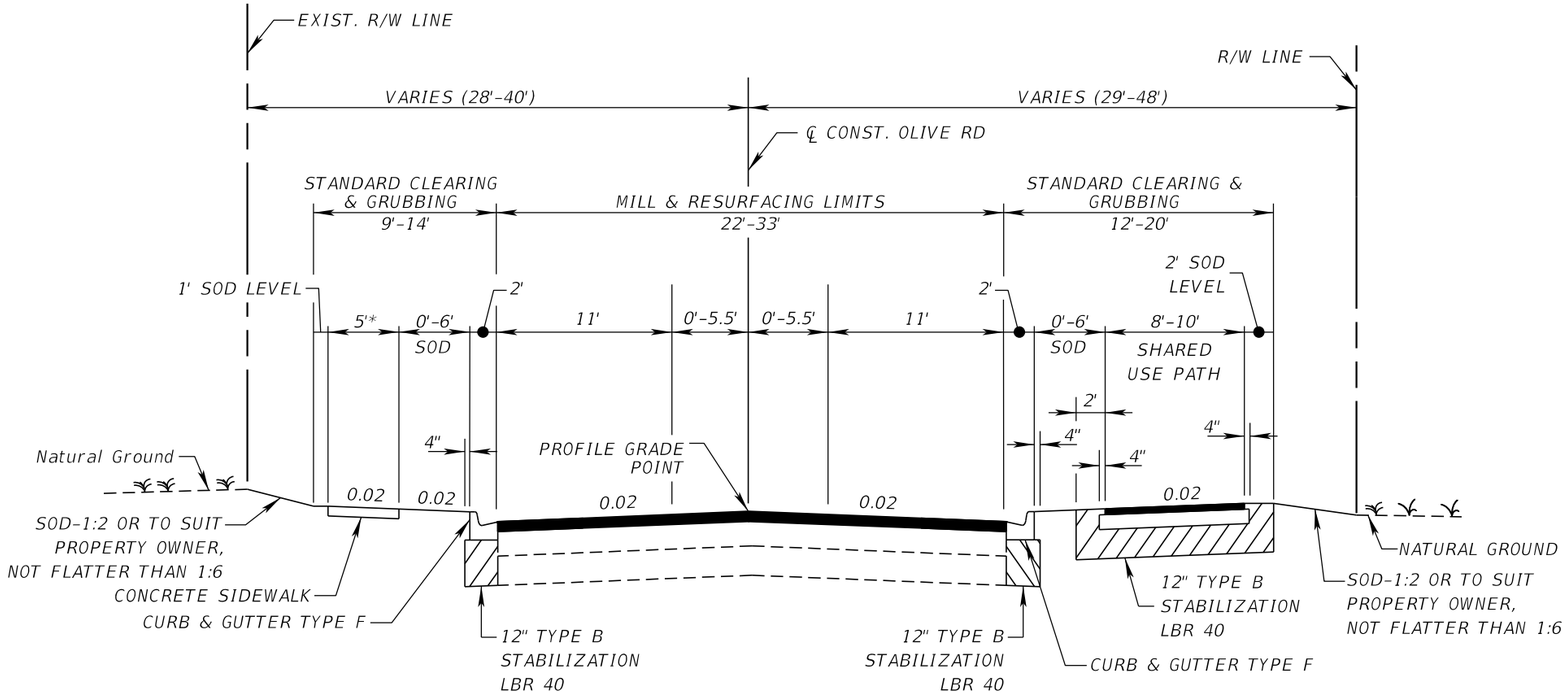


EXISTING CONDITIONS



TYPICAL SECTION 1
OLIVE ROAD
STA. 130+16.45 TO STA. 140+78.46
STA. 141+11.57 TO STA. 188+42.06
STA. 191+10.75 TO STA. 199+31.08

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 11,800
ESTIMATED DESIGN YEAR = 2045 AADT = 11,800
K = 9.0% D = 55.2% T = 5% (24 HOUR)
DESIGN SPEED = 35 MPH
DESIGN SPEED = 18 MPH (SHARED USE PATH)

MILLING & RESURFACING

MILL 2" PAVEMENT
TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1")
FRICTION COURSE FC 9.5 (1")(PG76-22)

SHARED USE PATH

GRADED AGGREGATE BASE (4 ½")
TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B) (1½")

*6' WIDE SIDEWALK WHEN WITHIN 2' FROM BACK OF CURB

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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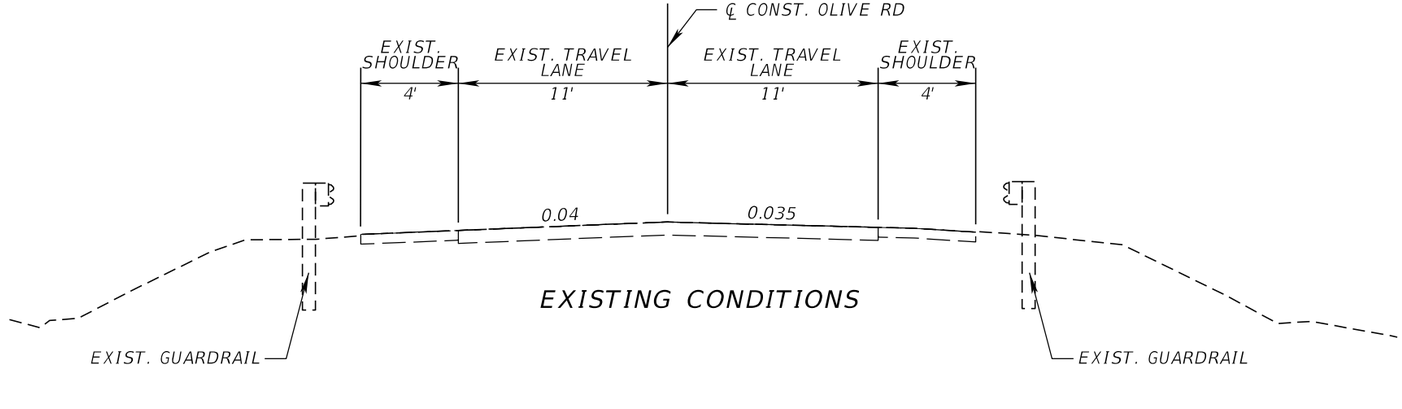

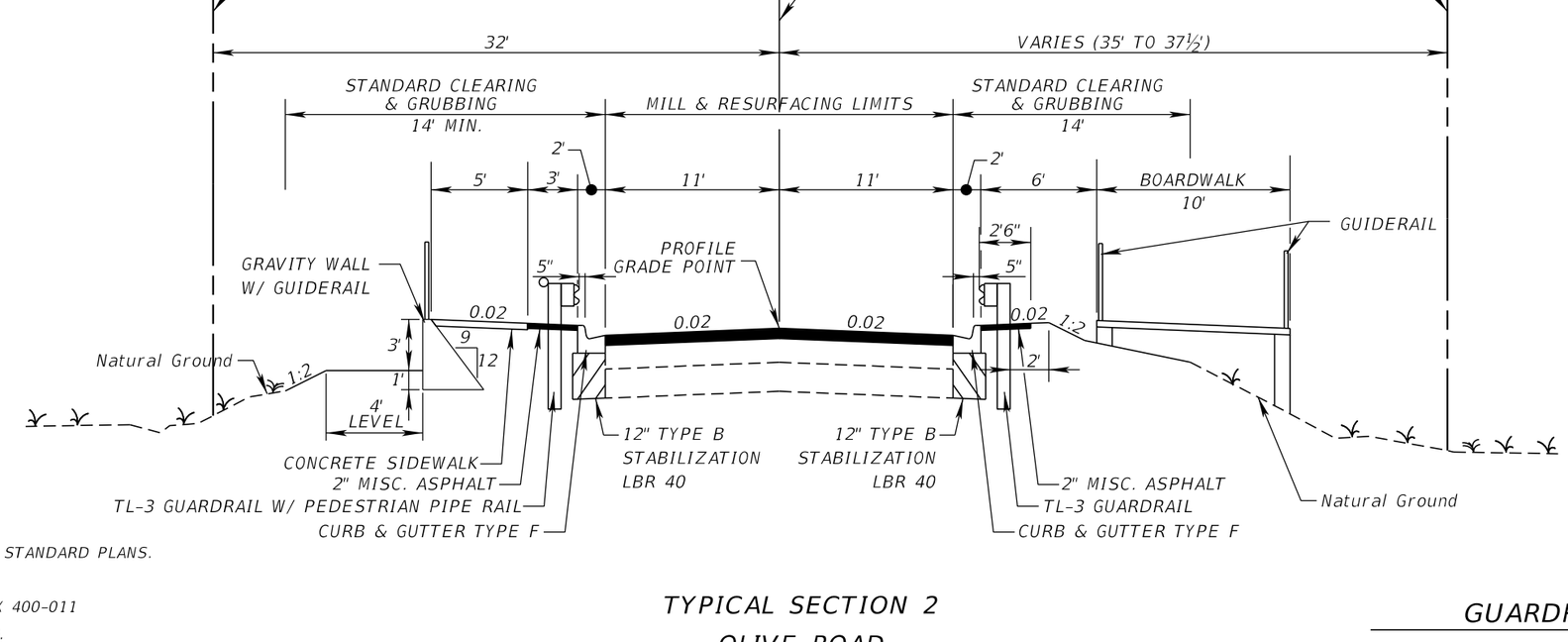

NOTE: REFER TO FDOT FY 2021-22 STANDARD PLANS.

1) GUARDRAIL INDEX 536-001

2) GRAVITY WALL SCHEME II INDEX 400-011

3) PIPE GUIDERAIL INDEX 515-070.

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 11,800
ESTIMATED DESIGN YEAR = 2045 AADT = 11,800
K = 9.0% D = 55.2% T = 5% (24 HOUR)
DESIGN SPEED = 35 MPH
DESIGN SPEED = 18 MPH (SHARED USE PATH)

TYPICAL SECTION 2
OLIVE ROAD
STA. 188+42.06 TO STA. 191+10.75

MILLING & RESURFACING

MILL 2" PAVEMENT
TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1")
FRICTION COURSE FC 9.5 (1")(PG76-22)

GUARDRAIL LIMITS

LEFT: STA. 188+42.06 TO STA. 191+10.75
RIGHT: STA. 188+49.75 TO STA 190+99.75

BOARDWALK LIMITS

STA. 189+00.00 TO STA 190+90.00

GRAVITY WALL LIMITS

STA. 188+50.00 TO STA 191+05.00

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTIONS

ESCAMBIA COUNTY, FLORIDA
MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
FIELD BOOK / PAGES:	SECTION TOWNSHIP / RANGE: 18, 20, & 21 / 1S - 30W		PHONE NUMBER: (850) 815-3040

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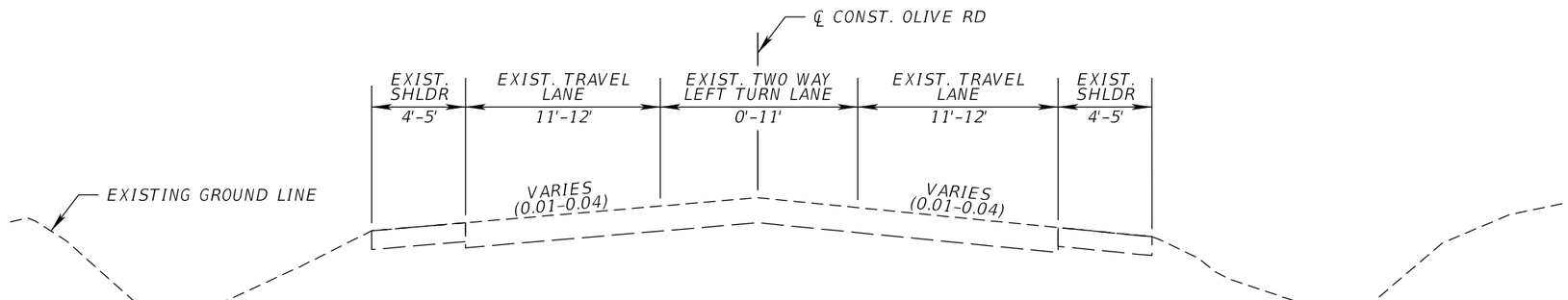
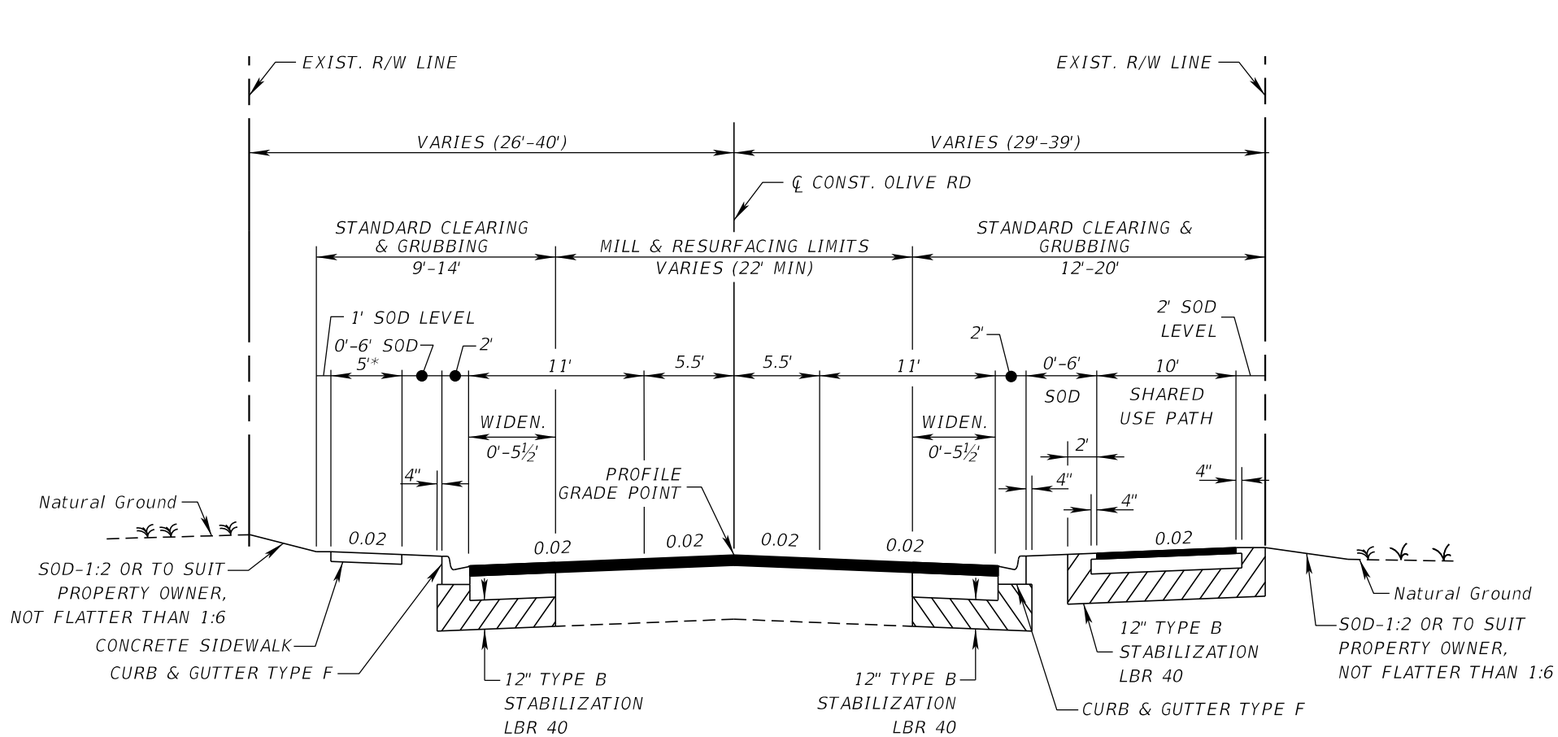


EXISTING CONDITIONS



TYPICAL SECTION 3
OLIVE ROAD
STA. 199+31.08 TO STA. 246+39.04

MILLING & RESURFACING

MILL 2" PAVEMENT

TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1")

FRICTION COURSE FC 9.5 (1") (PG76-22)

WIDENING CONSTRUCTION

GRADED AGGREGATE BASE (12")

TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (2")

AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1")

SHARED USE PATH

GRADED AGGREGATE BASE (4 ½")

TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC B) (1½")

*6' WIDE SIDEWALK WHEN WITHIN 2' FROM BACK OF CURB

TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 21,800

ESTIMATED DESIGN YEAR = 2045 AADT = 23,400

K = 9.0% D = 55.2% T = 4.9% (24 HOUR)

DESIGN SPEED = 35 MPH

DESIGN SPEED = 18 MPH (SHARED USE PATH)

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE

REG. FLA. ENG. NO.: 86552

PHONE NUMBER: (850) 815-3040

DRAWN BY: PD

DESIGNED BY: AW

CHECKED BY: JH

DATE: 2/2/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 5 & 4

FIELD BOOK / PAGES:

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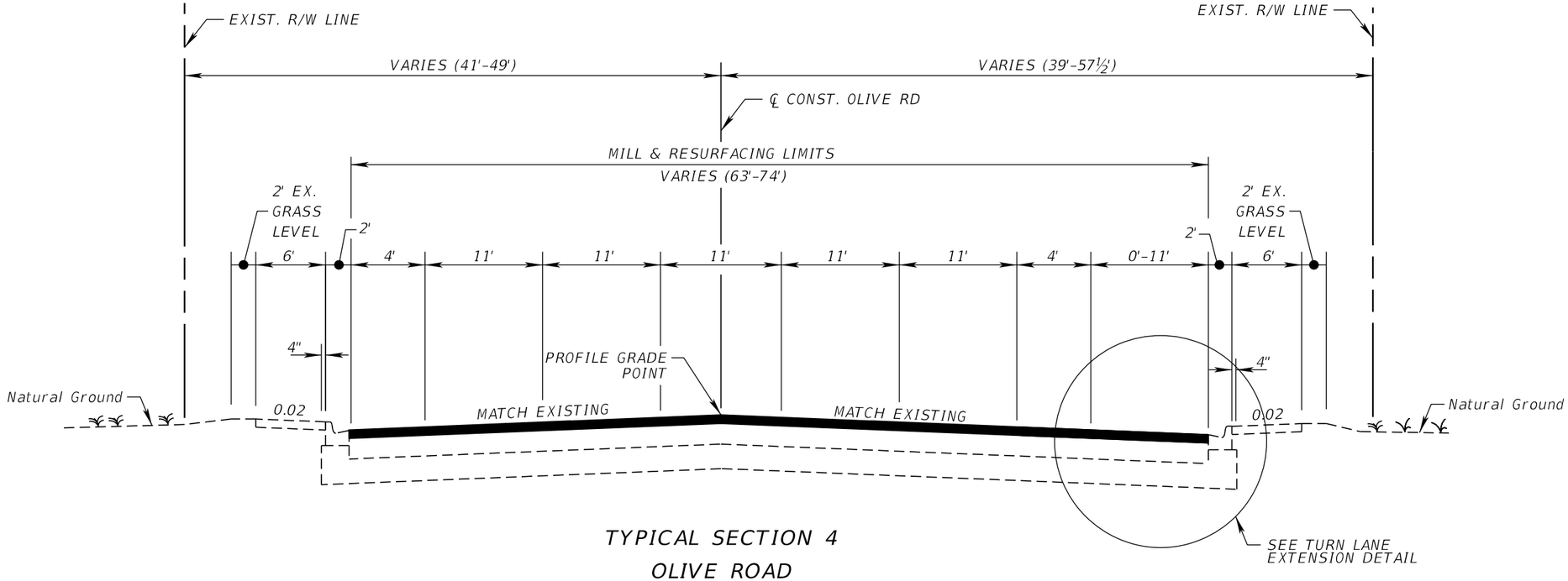


TYPICAL SECTION 4

OLIVE ROAD

STA. 246+39.04 TO STA. 256+70.65

MILLING & RESURFACING

MILL 2" PAVEMENT

TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1")

FRICTION COURSE FC 9.5 (1") (PG76-22)

WIDENING CONSTRUCTION

GRADED AGGREGATE BASE (12")

TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (2")

AND FRICTION COURSE FC-9.5 (TRAFFIC C) (1")

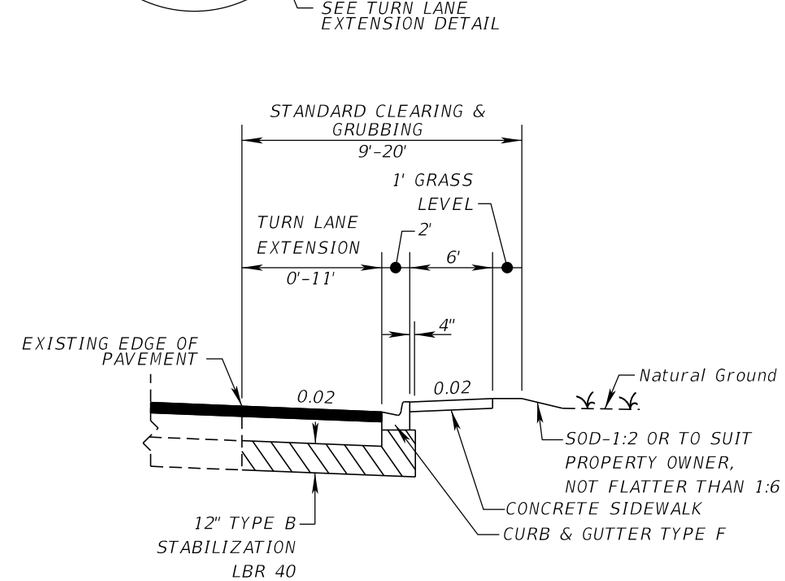
TRAFFIC DATA

CURRENT YEAR = 2021 AADT = 21,800

ESTIMATED DESIGN YEAR = 2045 AADT = 23,400

K = 9.0% D = 55.2% T = 4.9% (24 HOUR)

DESIGN SPEED = 35 MPH



TURN LANE EXTENSION DETAIL

STA. 252+05.84 TO STA. 252+99.83

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE

REG. FLA. ENG. NO.: 86552 | PHONE NUMBER: (850) 815-3040

DRAWN BY: PD | DESIGNED BY: AW | CHECKED BY: JH

DATE: 2/2/2022 | PROJECT MANAGER: DENISE C. BREWER | DISTRICT: 3 & 4

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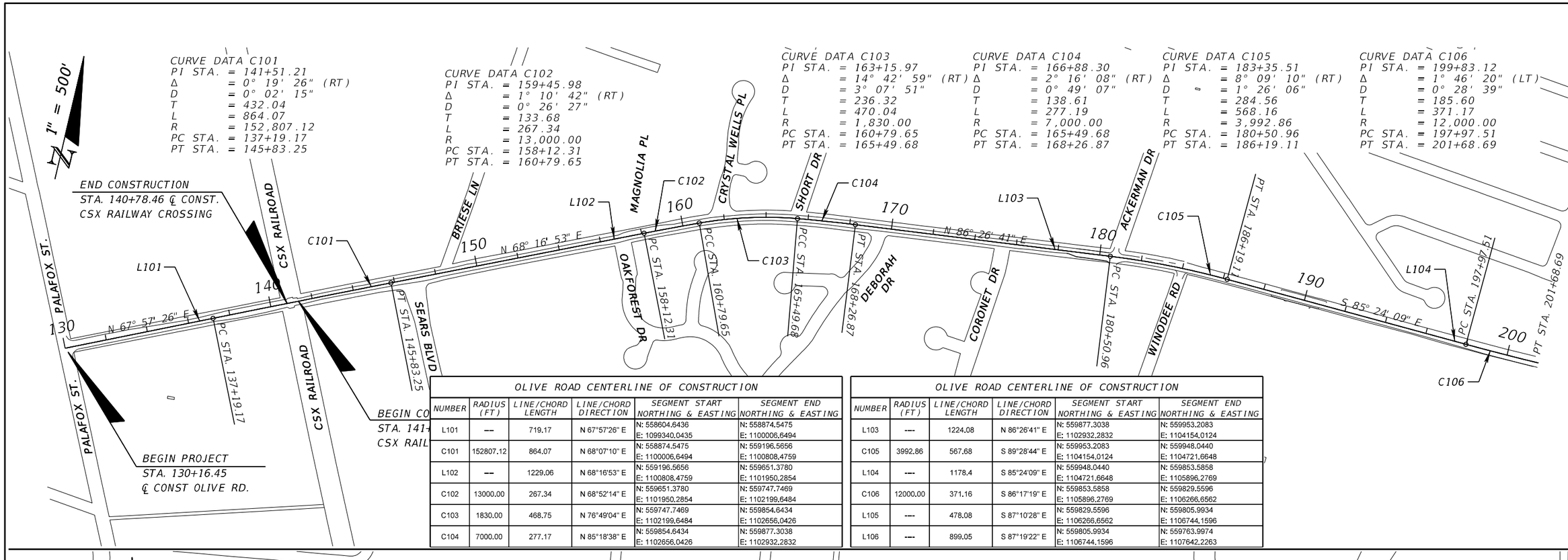

OLIVE ROAD CENTERLINE OF CONSTRUCTION

NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
L101	---	719.17	N 67°57'26" E	N: 558604.6436 E: 1099340.0435	N: 558874.5475 E: 1100006.6494
C101	152807.12	864.07	N 68°07'10" E	N: 558874.5475 E: 1100006.6494	N: 559196.5656 E: 1100808.4759
L102	---	1229.06	N 68°16'53" E	N: 559196.5656 E: 1100808.4759	N: 559651.3780 E: 1101950.2854
C102	13000.00	267.34	N 68°52'14" E	N: 559651.3780 E: 1101950.2854	N: 559747.7469 E: 1102199.6484
C103	1830.00	468.75	N 76°49'04" E	N: 559747.7469 E: 1102199.6484	N: 559854.6434 E: 1102656.0426
C104	7000.00	277.17	N 85°18'38" E	N: 559854.6434 E: 1102656.0426	N: 559877.3038 E: 1102932.2832

OLIVE ROAD CENTERLINE OF CONSTRUCTION

NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
L103	---	1224.08	N 86°26'41" E	N: 559877.3038 E: 1102932.2832	N: 559953.2083 E: 1104154.0124
C105	3992.86	567.68	S 89°28'44" E	N: 559953.2083 E: 1104154.0124	N: 559948.0440 E: 1104721.6648
L104	---	1178.4	S 85°24'09" E	N: 559948.0440 E: 1104721.6648	N: 559853.5858 E: 1105896.2769
C106	12000.00	371.16	S 86°17'19" E	N: 559853.5858 E: 1105896.2769	N: 559829.5596 E: 1106266.6562
L105	---	478.08	S 87°10'28" E	N: 559829.5596 E: 1106266.6562	N: 559805.9934 E: 1106744.1596
L106	---	899.05	S 87°19'22" E	N: 559805.9934 E: 1106744.1596	N: 559763.9974 E: 1107642.2263

OLIVE ROAD CENTERLINE OF CONSTRUCTION

NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
L106	---	899.05	S 87°19'22" E	N: 559805.9934 E: 1106744.1596	N: 559763.9974 E: 1107642.2263
L107	---	1441.89	S 87°10'17" E	N: 559763.9974 E: 1107642.2263	N: 559692.8442 E: 1109082.3578
L108	---	1954.45	S 87°12'43" E	N: 559692.8442 E: 1109082.3578	N: 559597.7760 E: 1111034.4928
L109	---	221.4	S 87°09'05" E	N: 559597.7760 E: 1111034.4928	N: 559586.7734 E: 1111255.6190

OLIVE ROAD CENTERLINE OF CONSTRUCTION

NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
C107	2291.83	481.54	S 81°07'16" E	N: 559586.7734 E: 1111255.6190	N: 559512.4501 E: 1111731.3851
C108	2291.83	503.71	S 81°24'00" E	N: 559512.4501 E: 1111731.3851	N: 559437.1268 E: 1112229.4357
L110	---	963.15	S 87°42'33" E	N: 559437.1268 E: 1112229.4357	N: 559398.6274 E: 1113191.8131

OLIVE ROAD STREET IMPROVEMENT PROJECT

PROJECT LAYOUT

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
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DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
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GENERAL NOTES

1. THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.

2. ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.

3. ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

4. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY THE FLORIDA STORMWATER EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2018 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.

5. ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.

6. THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.

7. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS (VERTICAL CONTROL) AS NEEDED DURING CONSTRUCTION. ALL PUBLIC OR PRIVATE CORNER MONUMENTATION SHALL BE PROTECTED. IF A PUBLIC OR PRIVATE CORNER MONUMENTATION IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENTS OR BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTS ARE DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF THE MONUMENTS AND HAVE THE MONUMENTS POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.

8. THE CONTRACTOR SHALL MATCH EXISTING CONDITIONS AT THE BEGINNING AND END OF CONSTRUCTION AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.

9. EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.

10. ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

11. ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.

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

13. EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.

14. THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.

15. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS.

16. ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.

17. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)

18. ALL SURVEY INFORMATION WAS OBTAINED FROM A LICENSED FLORIDA PROFESSIONAL SURVEYOR AND MAPPER AND UTILIZED AS SUPPORTING DATA IN THE PRODUCTION OF DESIGN PLANS AND FOR CONSTRUCTION ON SUBJECT PROJECT. THE PROFESSIONAL SURVEYOR AND MAPPER OF RECORD IS:

    JOSEPH BARRETT, P.S.M.
    P.S.M. NO. 6260
    ESCAMBIA COUNTY SURVEYOR
    3363 WEST PARK PLACE
    PENSACOLA, FLORIDA 32505 PH (850) 595-3427

    PLEASE CONTACT IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED

19. VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.

20. EQUIPMENT, MATERIALS AND DEBRIS WILL NOT BE PLACED IN AREAS OF EXISTING VEGETATION OR UNDER THE CANOPY OF EXISTING TREES IN THE RIGHT OF WAY.

21. NO TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.

22. ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.

24. ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS AND IN ACCORDANCE WITH ESCAMBIA COUNTY TECHNICAL SPECIFICATION, FDOT DESIGN STANDARDS AND UNITED POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX.

25. WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.

26. PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.

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

28. IN THE EVENT THAT UNMARKED HUMAN REMAINS ARE ENCOUNTERED DURING PERMITTED ACTIVITIES, ALL WORK MUST STOP IMMEDIATELY AND THE PROPER AUTHORITIES NOTIFIED IN ACCORDANCE WITH F.S. 872.05.

29. EXISTING DRAINAGE STRUCTURES AND PIPE WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.

30. FOR NARROW DRIVEWAY REPLACEMENT (≤16' WIDTH) CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER PRIOR TO CONSTRUCTION SO TO MINIMIZE INGRESS/EGRESS INCONVENIENCE.

31. ALL ASPHALT AND CONCRETE SHALL BE SAW CUT AT EDGES TO REMAIN. SAW CUTS SHALL BE MADE IN A NEAT WORKMAN LIKE MANNER.

32. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED FROM SITE AND DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS, AT NO ADDITIONAL COST TO THE OWNER.

33. ALL RAMPS, DRIVEWAYS, AND ECAT BUS STOPS MUST MEET ADA COMPLIANCE AND SHALL BE IN ACCORDANCE WITH THE CURRENT FDOT STANDARD PLANS.

34. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, AND INFORMATION INDICATED ON THE CONTRACT DOCUMENTS PRIOR TO COMMENCEMENT OF WORK. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND ON THE CONTRACT DOCUMENTS OF FOUND TO EXIST BETWEEN THE FIELD CONDITIONS AND THE CONTRACT DOCUMENTS.

35. CONTRACTOR SHALL MAINTAIN THE INTEGRITY AND FUNCTIONALITY OF EXISTING DRAINAGE AT ALL TIMES.

36. GRADE THE PERIMETER OF PAVEMENT AREAS A REQUIRED TO PROVIDE POSITIVE SURFACE WATER RUNOFF.

37. PROVIDE ACCESS TO EXISTING OPERATING FACILITIES LOCATED WITHIN PROJECT LIMITS AT ALL TIMES.

UTILITY NOTES

1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

2. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
COX COMMUNICATIONS	MICHELLE OSBORNE	(478) 314-3577
ECUA	JACOB KEARLEY	(850) 969-5823
PENSACOLA ENERGY	DIANE MOORE	(850) 474-5319
ESCAMBIA COUNTY TRAFFIC	JAMES HAGON	(850) 595-3404
FLORIDA POWER & LIGHT		(850) 505-5567
WINDSTREAM		(800) 289-1901
CENTURYLINK		(877) 366-8344 x2
MCI		(800) 624-9675
QUANTA	RUSSELL RIBBLETT	(678) 836-5610
AT&T	DINO FARRUGGIO	(561) 683-2729
UNITI FIBER	JOHN HALLEY	(251) 753-8695
SPRINT	JON BAKER	(352) 409-5095

3. ALL LOOP DETECTOR INSTALLATION SHALL BE DONE AS PER FDOT INDEX 660-001.

4. CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.

5. UTILITIES TO REMAIN AND BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.

MAINTENANCE OF TRAFFIC NOTES

1. CONTRACTOR SHALL SUBMIT A MAINTENANCE OF TRAFFIC PLAN TO ESCAMBIA COUNTY BEFORE ANY WORK WILL BE STARTED. THIS MOT PLAN SHALL:

    A. BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA WHO HAS AN ACTIVE TEMPORARY TRAFFIC CONTROL (ADVANCED) CERTIFICATION FROM FDOT.

    B. BE APPROVED BY ESCAMBIA COUNTY PROJECT ENGINEER.

    C. MEET REQUIREMENTS IDENTIFIED IN THE ESCAMBIA COUNTY SPECIFICATIONS, MUTCD, FDOT STANDARD PLANS, FDOT STANDARD SPECIFICATIONS, AND FDOT SPECIFICATIONS FOR TRAFFIC CONTROL.

    D. INCLUDE A LANE CLOSURE ANALYSIS OF OLIVE ROAD.

    E. INCLUDE NO NIGHT WORK BETWEEN STA. 149+00.00 AND STA. 245+00.00.

2. PENDING THE LANE CLOSURE ANALYSIS, THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY.

3. ANY PROPOSED DETOURS MUST BE PRE-APPROVED BY ESCAMBIA COUNTY AT LEAST 30 DAYS PRIOR TO IMPLEMENTATION.

4. FDOT PERMIT FOR CONSTRUCTIONS REQUIRED FOR WORK WITHIN FDOT RIGHT OF WAY.

CSX RAILROAD NOTES

1. CONTRACTOR SHALL MAINTAIN ALL DITCHES AND DRAINAGE STRUCTURES FREE OF SILT OR OTHER OBSTRUCTIONS THAT MAY RESULT FROM THEIR OPERATIONS WITHIN ADJACENT TO CSXT RIGHT-OF-WAY (ROW).

2. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL OF ANY KIND ON CSXT ROW OR WHERE THEY MAY HAVE THE POTENTIAL TO INTERFERE WITH CSXT OPERATIONS UNLESS THE CONTRACTOR HAS RECEIVED PRIOR WRITTEN AUTHORIZATION BY A CSXT REPRESENTATIVE.

3. THE CONTRACTOR SHALL COORDINATE ALL RAILROAD ACTIVITIES THROUGH THE ESCAMBIA COUNTY PUBLIC WORKS DEPARTMENT.

4. CSXT RAILROAD FLAGMAN IS REQUIRED ANYTIME CONSTRUCTION ACTIVITIES OCCUPY OR HAVE POTENTIAL TO IMPACT CSXT ROW OR TRACKS.

5. UNDER NO CONDITIONS SHALL WORK AFFECT THE SAFE PASSAGE OF TRAINS OR OTHER ON TRACK EQUIPMENT.

6. THE CONTRACTOR SHALL PROCURE AND MAINTAIN RAILROAD PROTECTIVE LIABILITY INSURANCE AND COVERAGE OF INSURANCE BEFORE ACCESSING CSXT ROW

7. THE CONTRACTOR SHALL REFER TO THE CSXT PUBLIC PROJECTS MANUAL, MOST RECENT EDITION, FOR CONSTRUCTION REQUIREMENTS WHILE WITHIN THE CSXT ROW.

8. THE CONTRACTOR SHALL HAVE AN EMERGENCY ACTION AND HURRICANE PREPAREDNESS PLAN WHILE WORKING WITHIN THE CSXT ROW LIMITS.

9. ESCAMBIA COUNTY OFFICIALS AND THE CONTRACTORS SHALL NOT CROSS CSXT'S PROPERTY OR TRACKS, EXCEPT ON EXISTING PUBLIC ROAD CROSSINGS, WITH VEHICLES, PEOPLE, OR EQUIPMENT OF ANY KIND WITHOUT PRIOR AUTHORIZATION FROM CSXT OR AUTHORIZED REPRESENTATIVE.

10. BACK FILLING WITHIN CSXT ROW TO BE COMPLETED PER CSXT STANDARDS, SEE CSXT DESIGN AND CONSTRUCTION STANDARDS FOR FURTHER INFORMATION.

11. THE CONTRACTOR IS NOT PERMITTED TO PERFORM ANY TEMPORARY LANE CLOSURES, LANE SHIFTS, DETOURS WITHIN THE CSXT ROW, OR ANY CROSSING CLOSURE THAT WOULD CAUSE TRAFFIC TO BE UNPROTECTED BY AN ACTIVE WARNING DEVICE, OR GATE ARM.

12. THE CONTRACTOR MUST PROVIDE TWO (2) WEEKS ADVANCED NOTIFICATION TO CSXT REPRESENTATIVE FOR DIG LOCATES FOR RAILROAD SIGNAL AND COMMUNICATION LINES.

OLIVE ROAD STREET IMPROVEMENT PROJECT

GENERAL NOTES

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGE(S):
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

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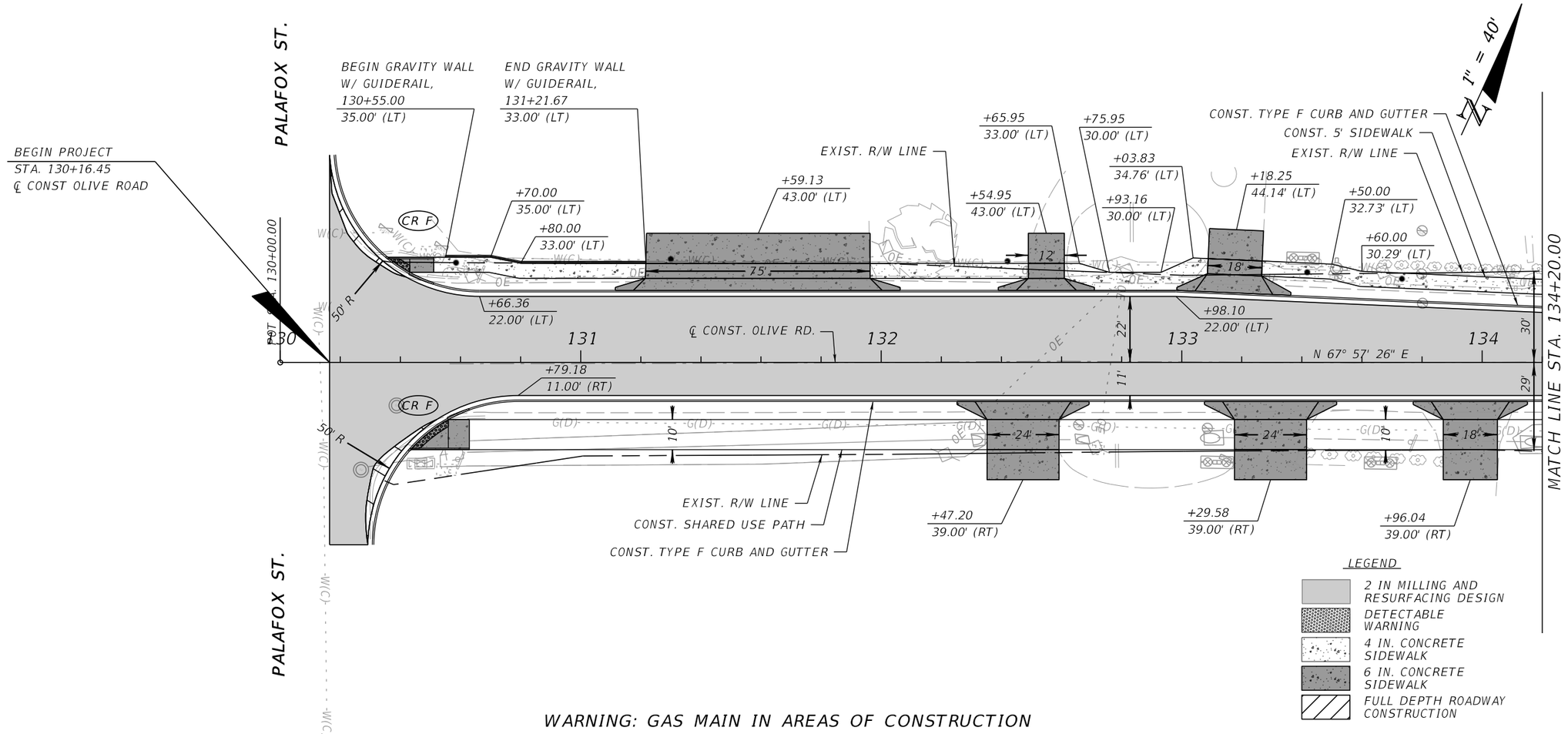

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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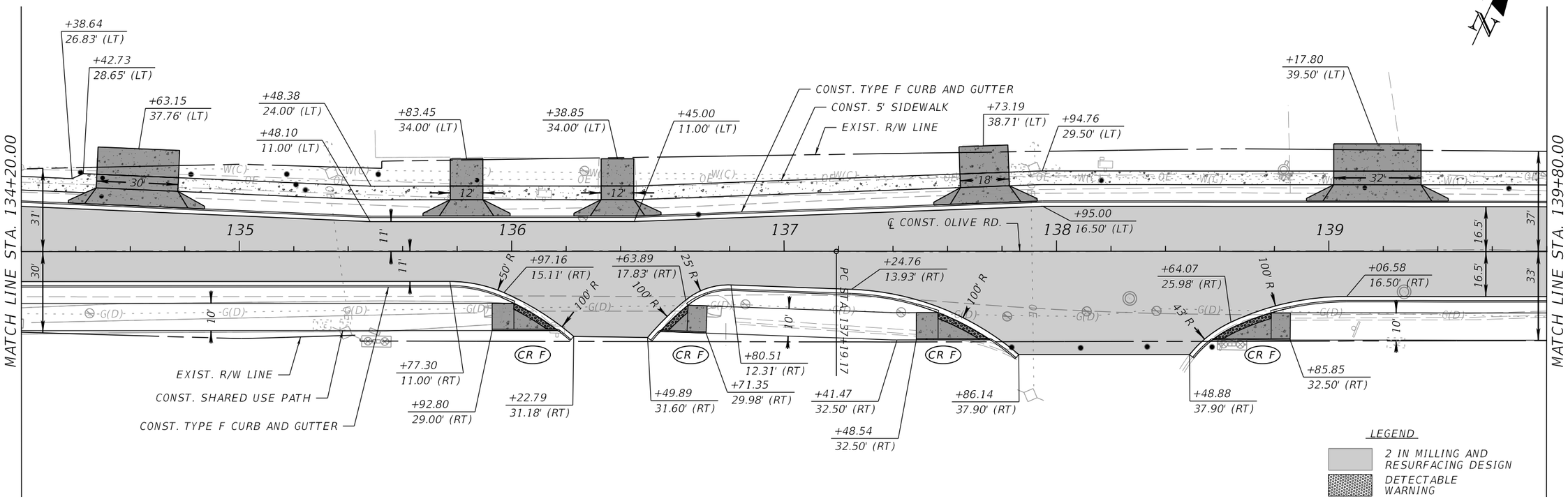

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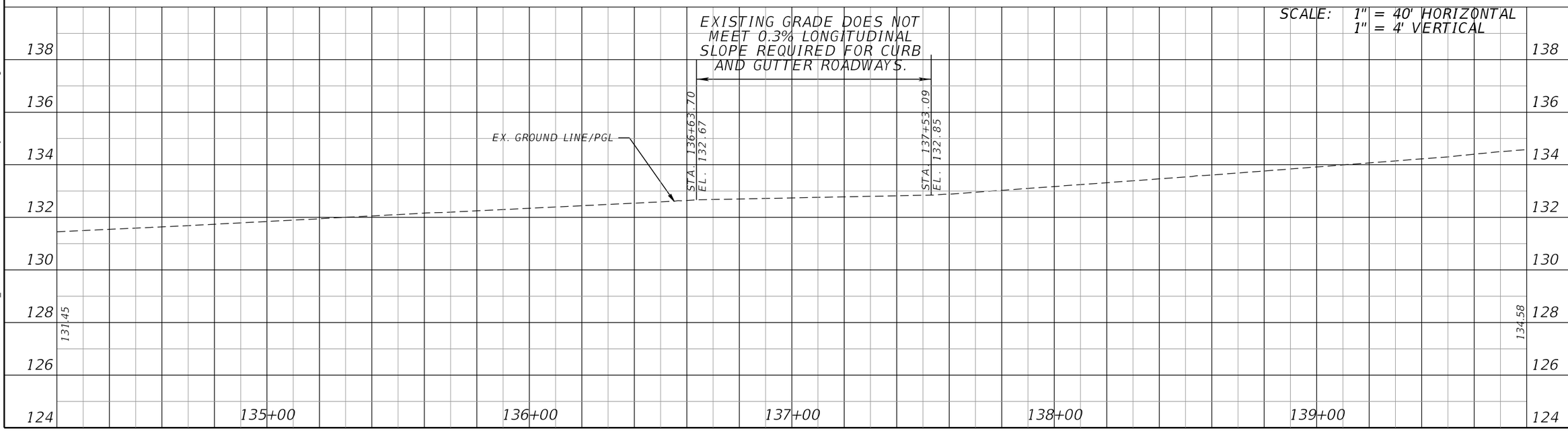

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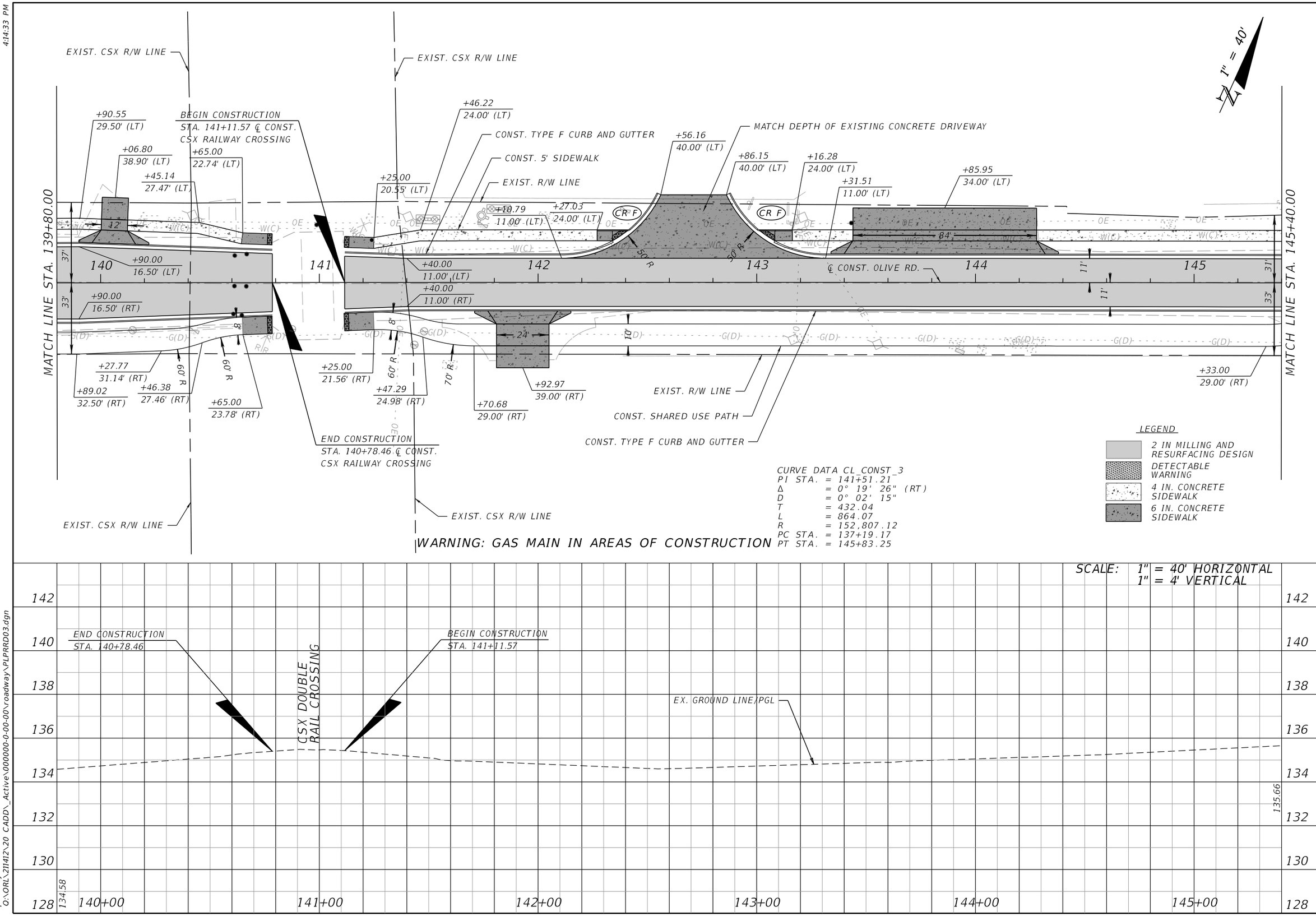

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OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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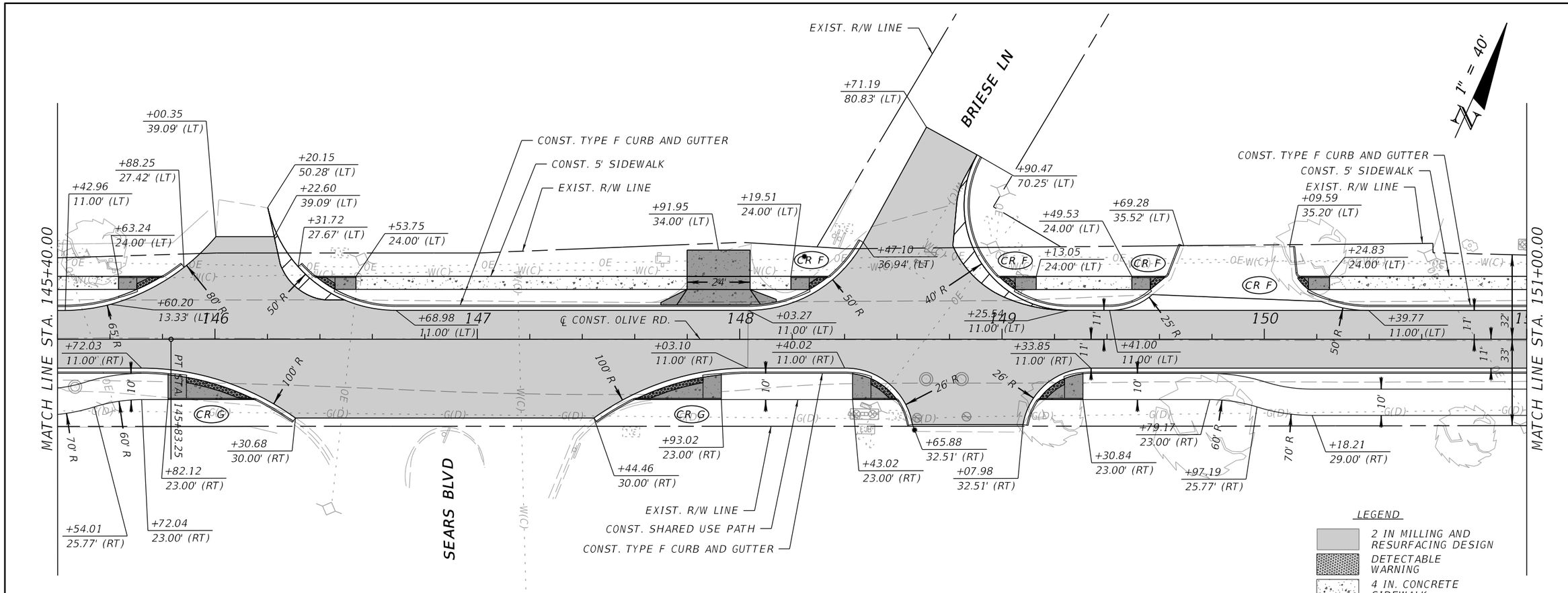

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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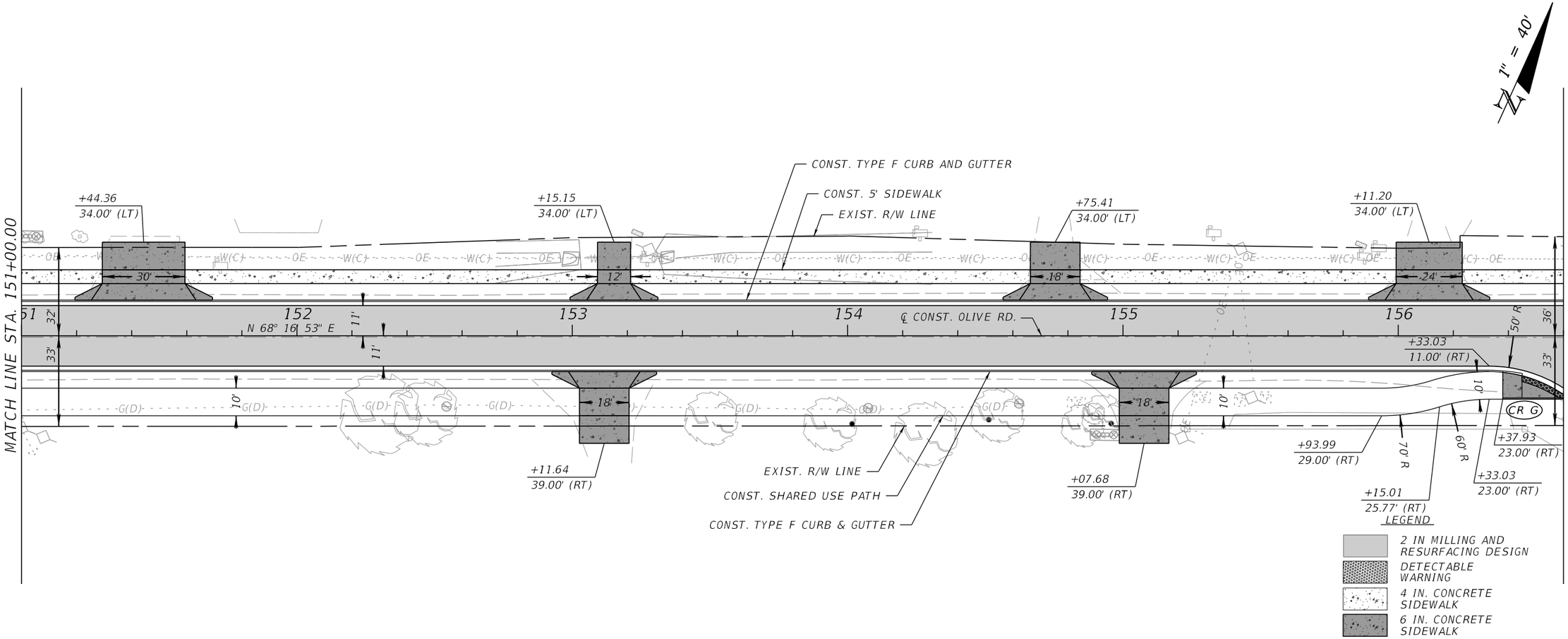

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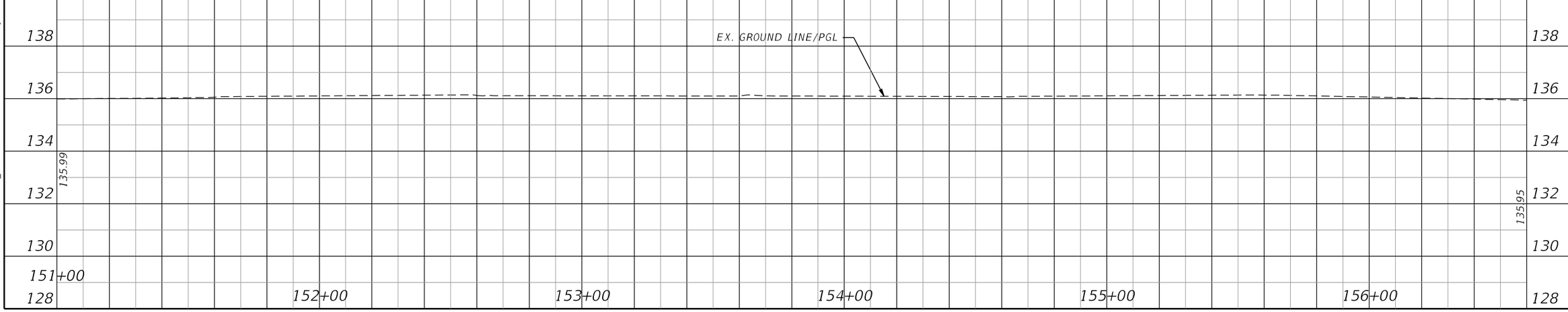

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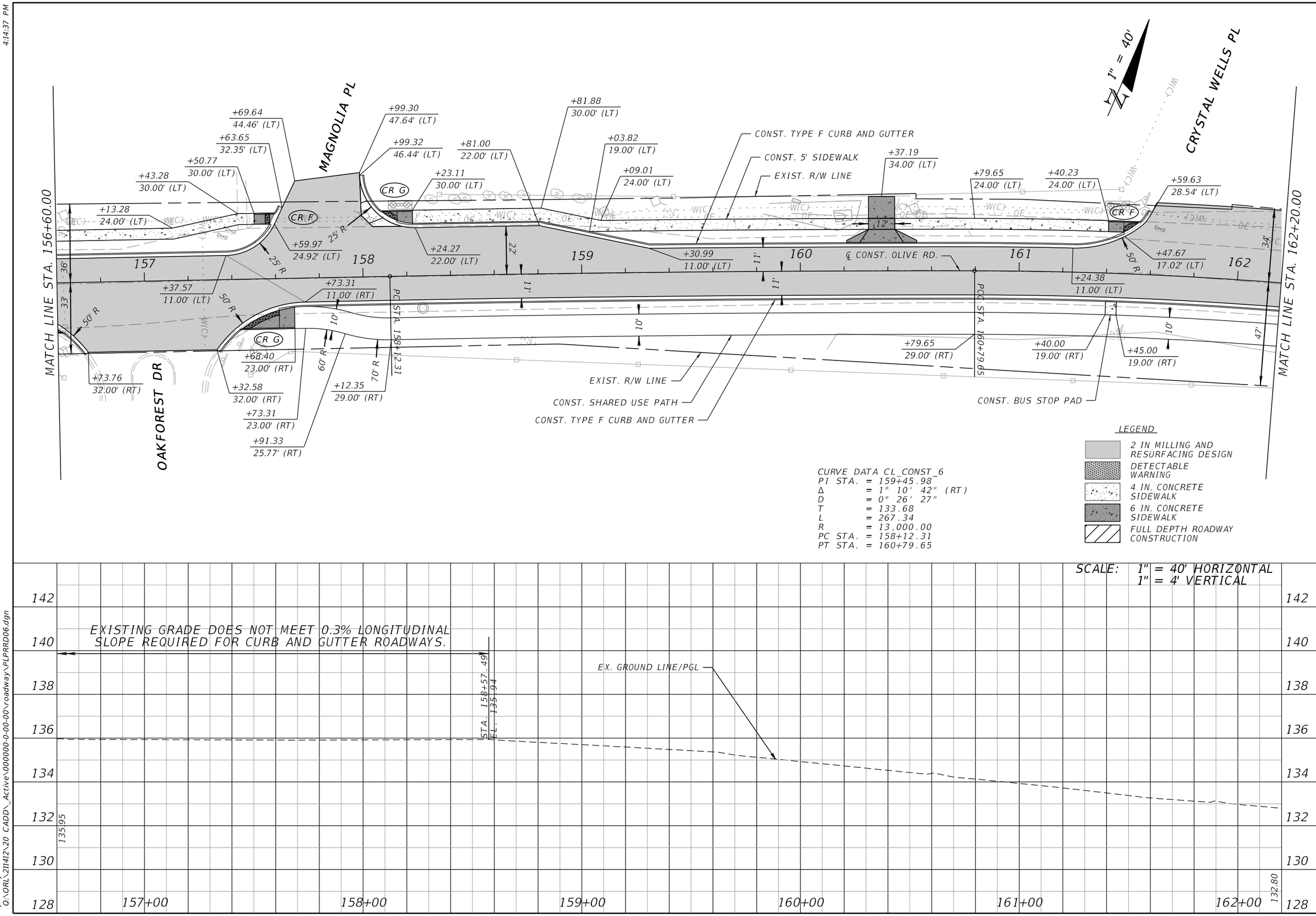

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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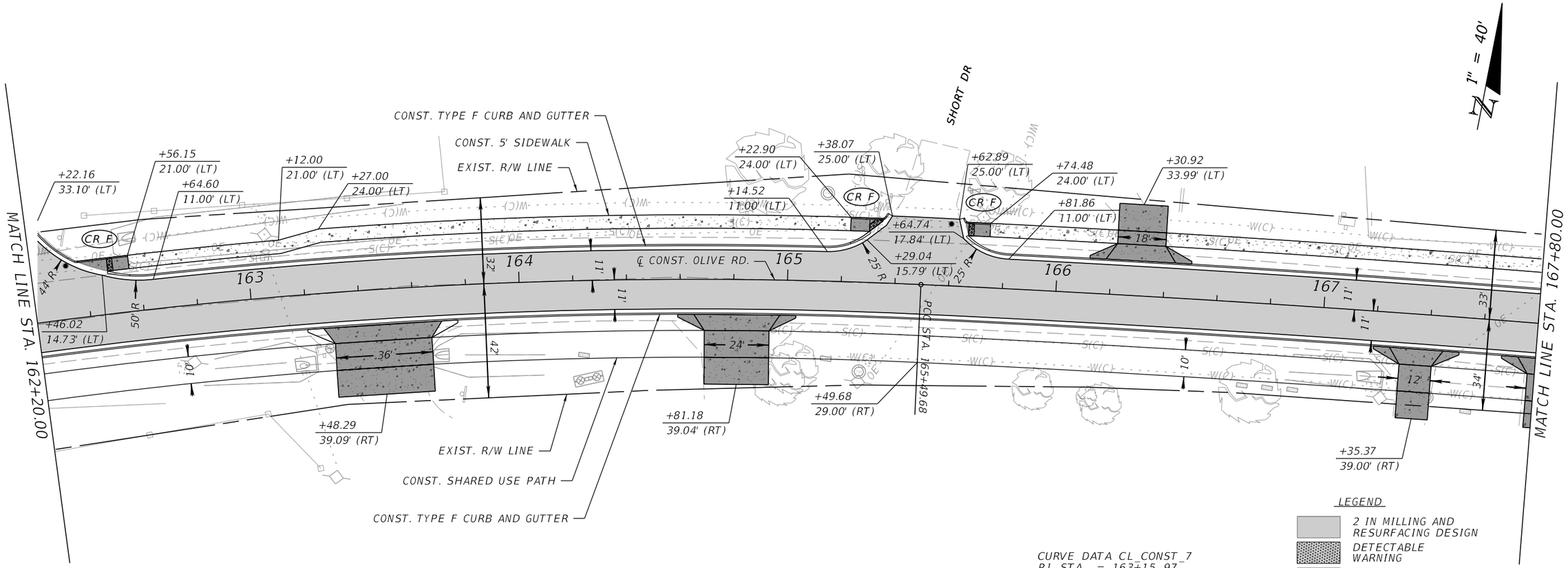

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PT STA. = 165+49.68

LEGEND

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- DETECTABLE WARNING
- 4 IN. CONCRETE SIDEWALK
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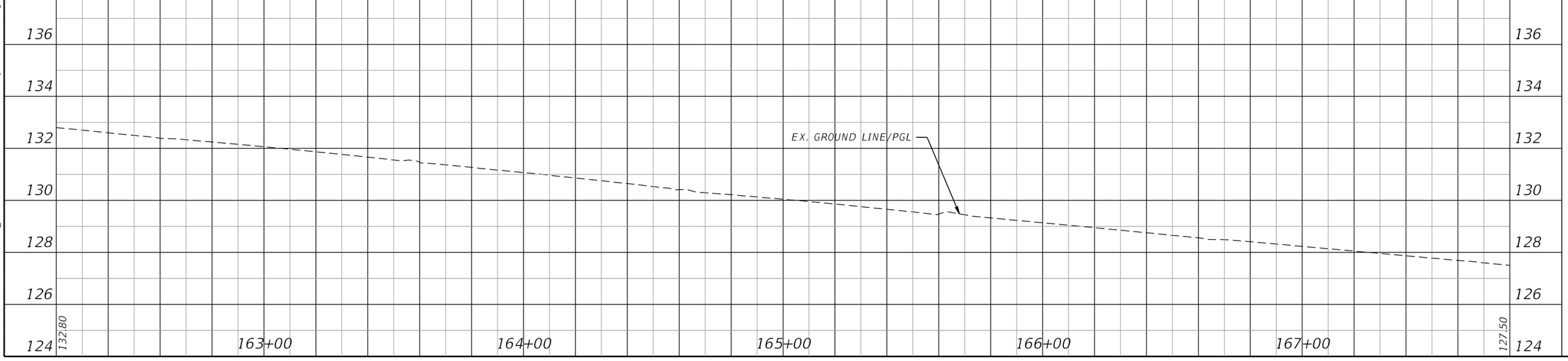

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ROADWAY PLAN-PROFILE

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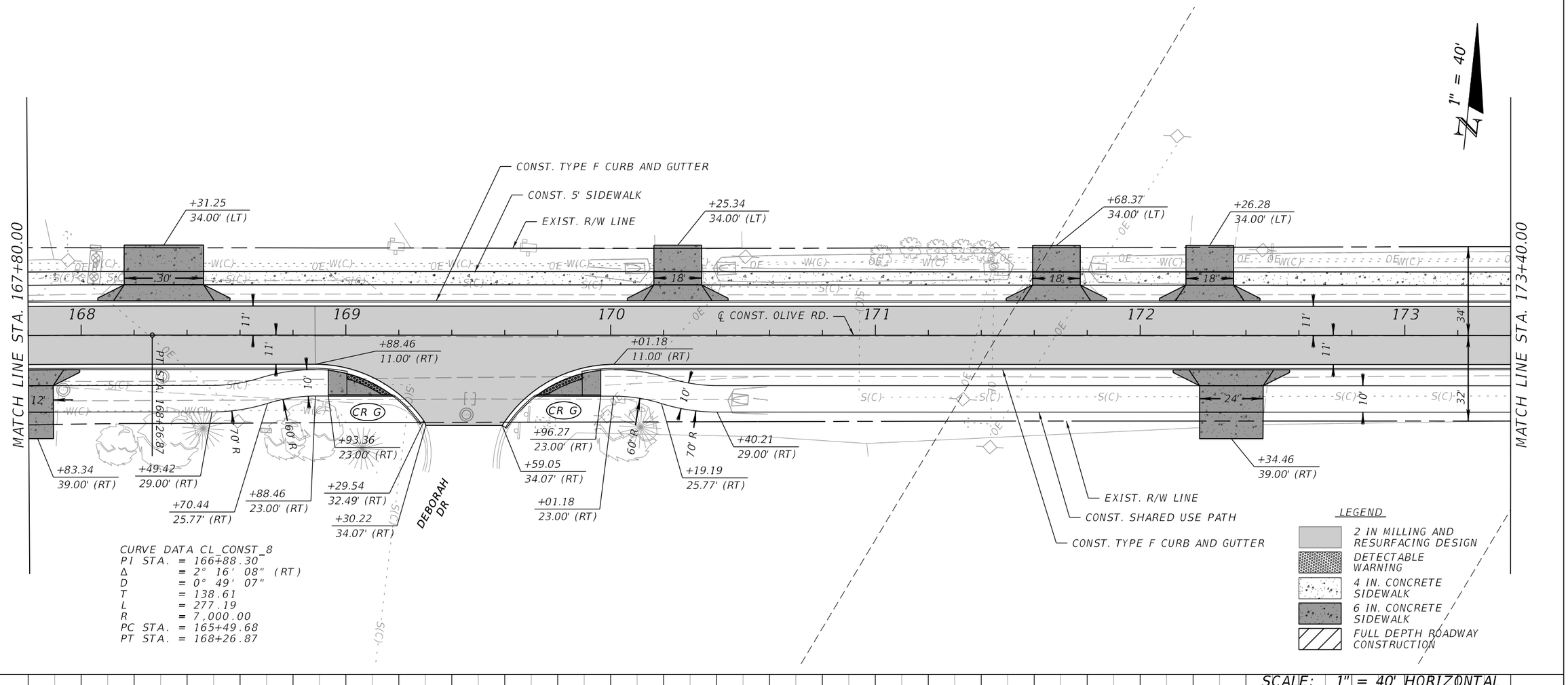

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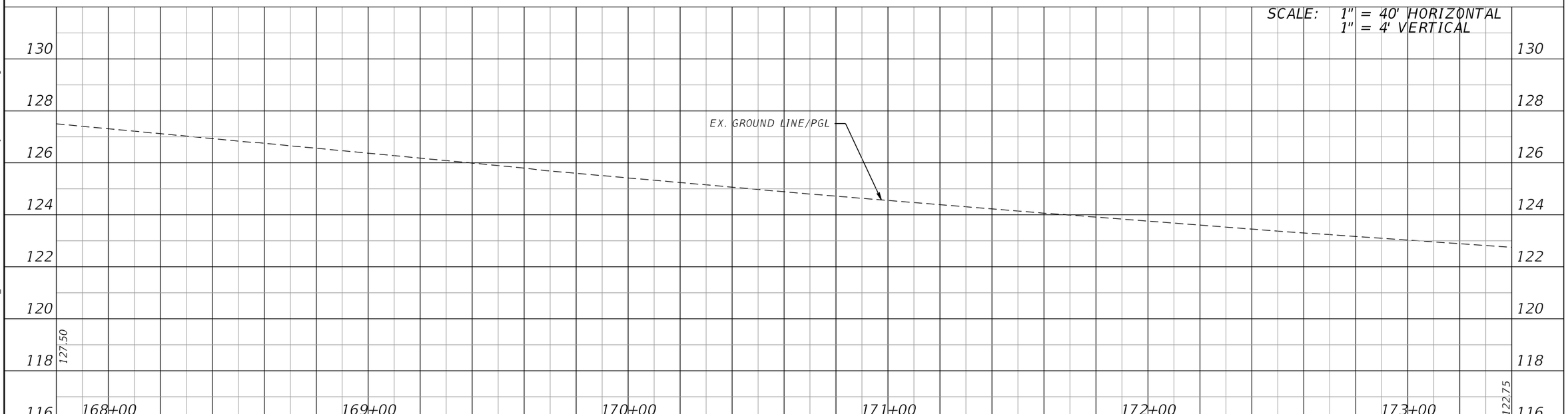

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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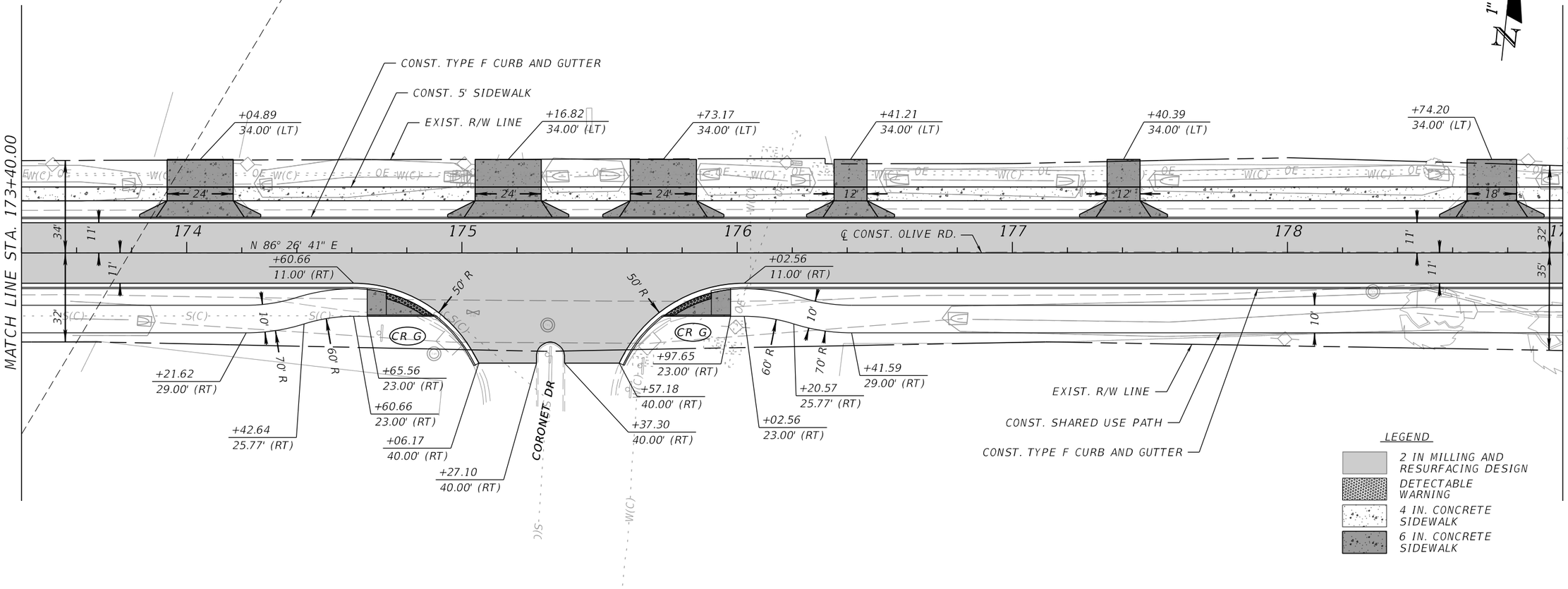

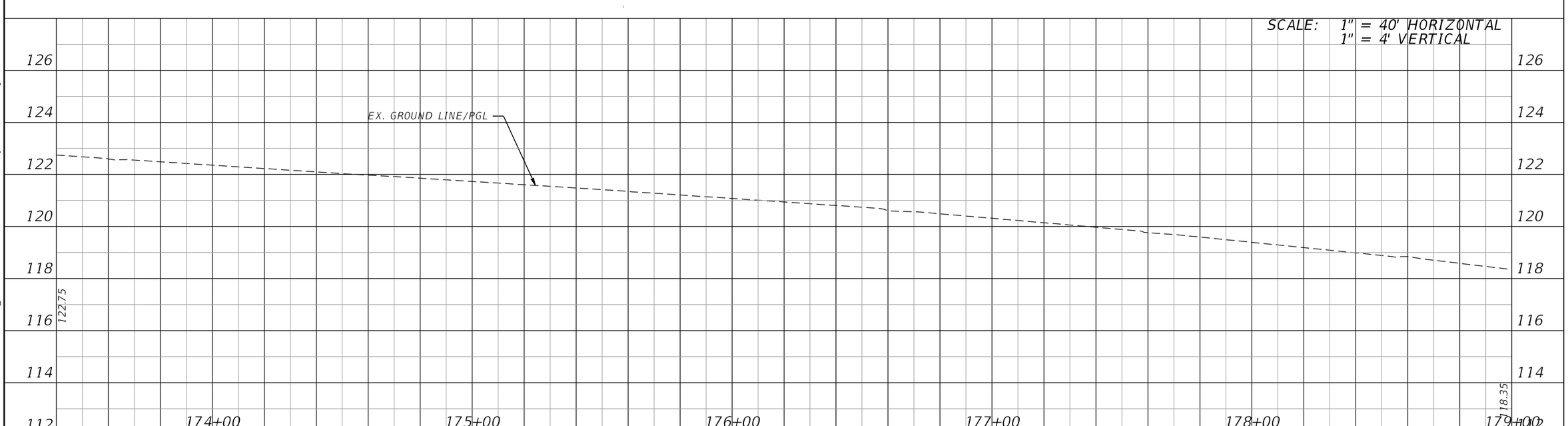

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ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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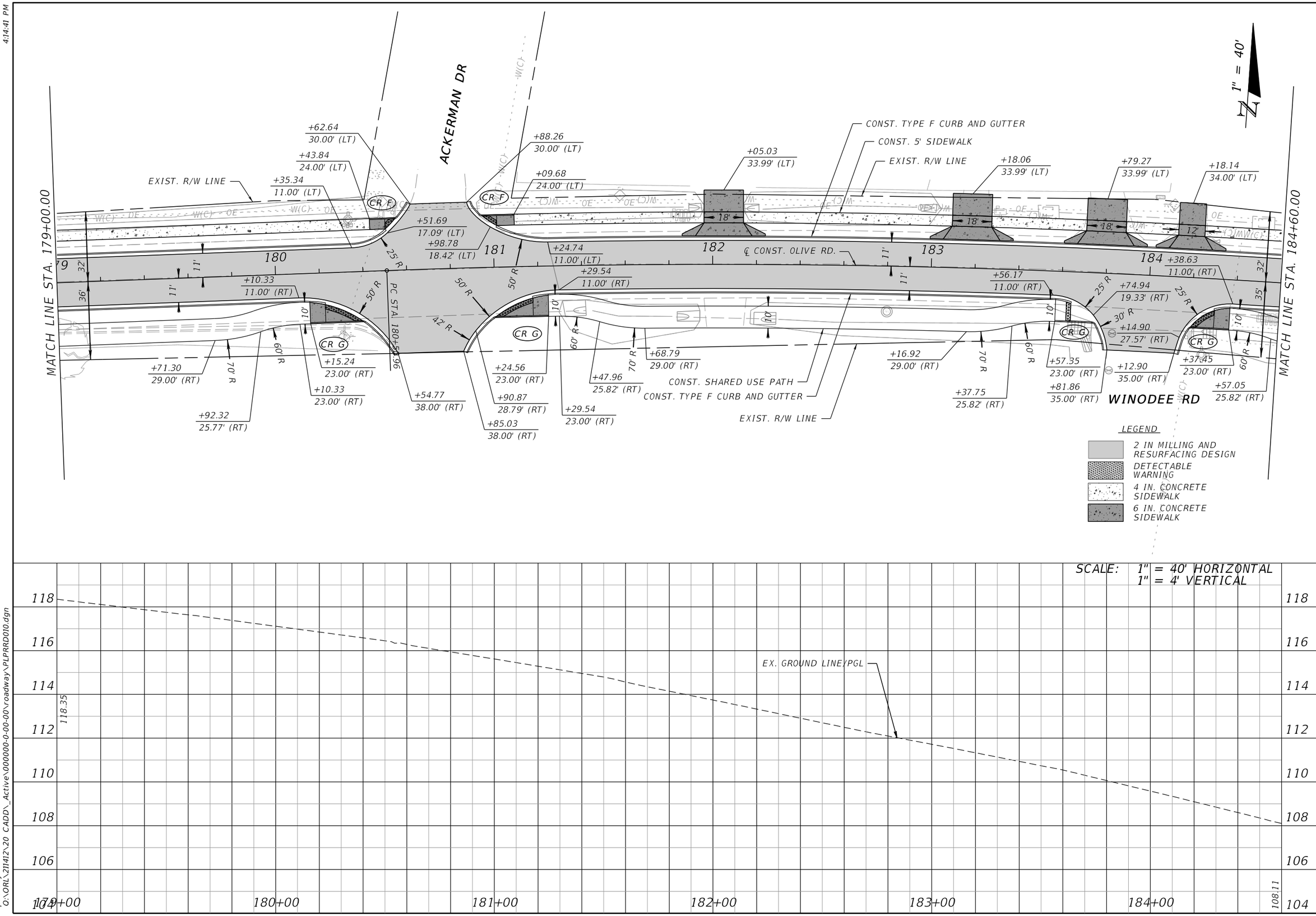

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/22/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 15, 20, & 21 / 1S / 30W

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SHEET 25

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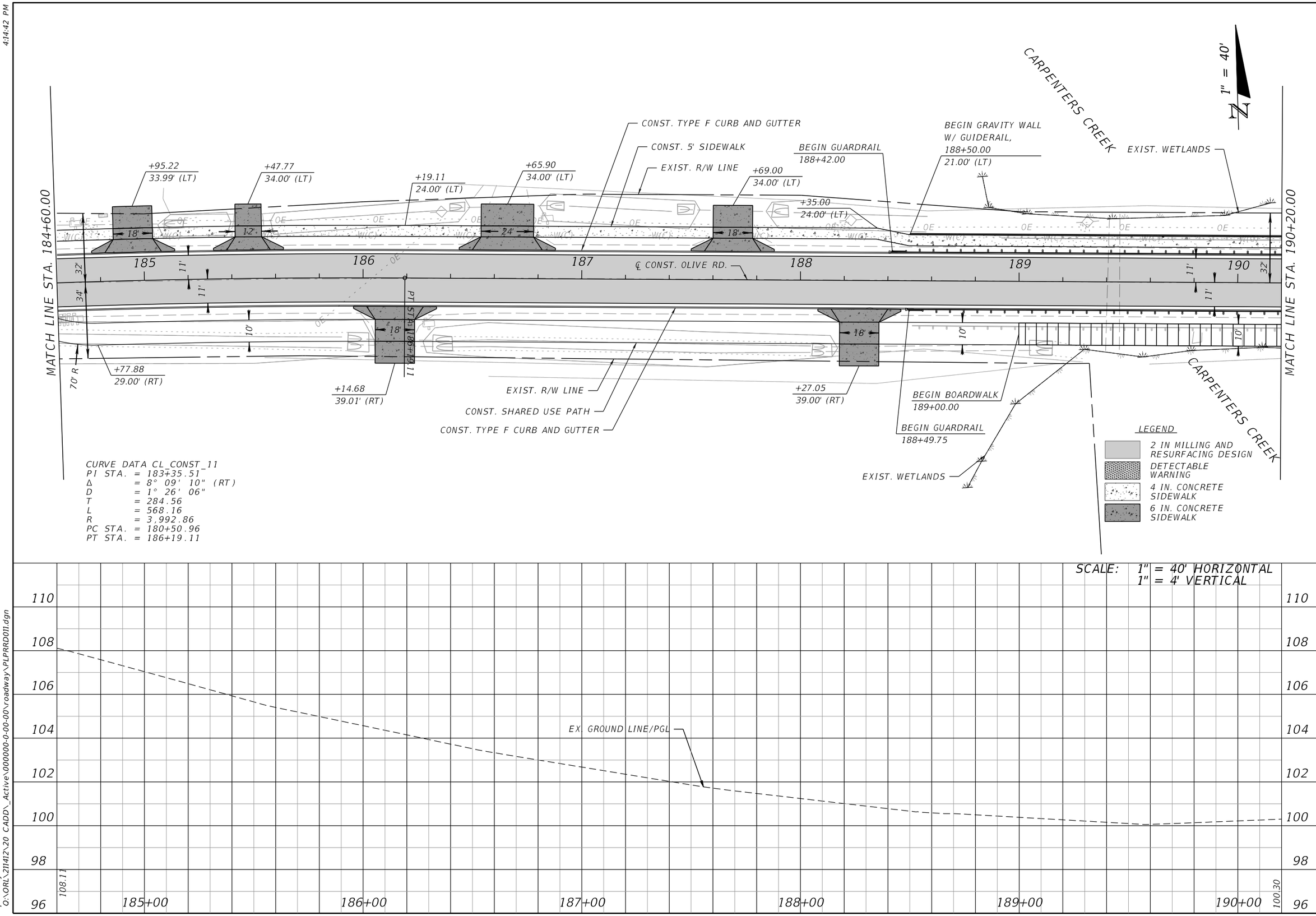

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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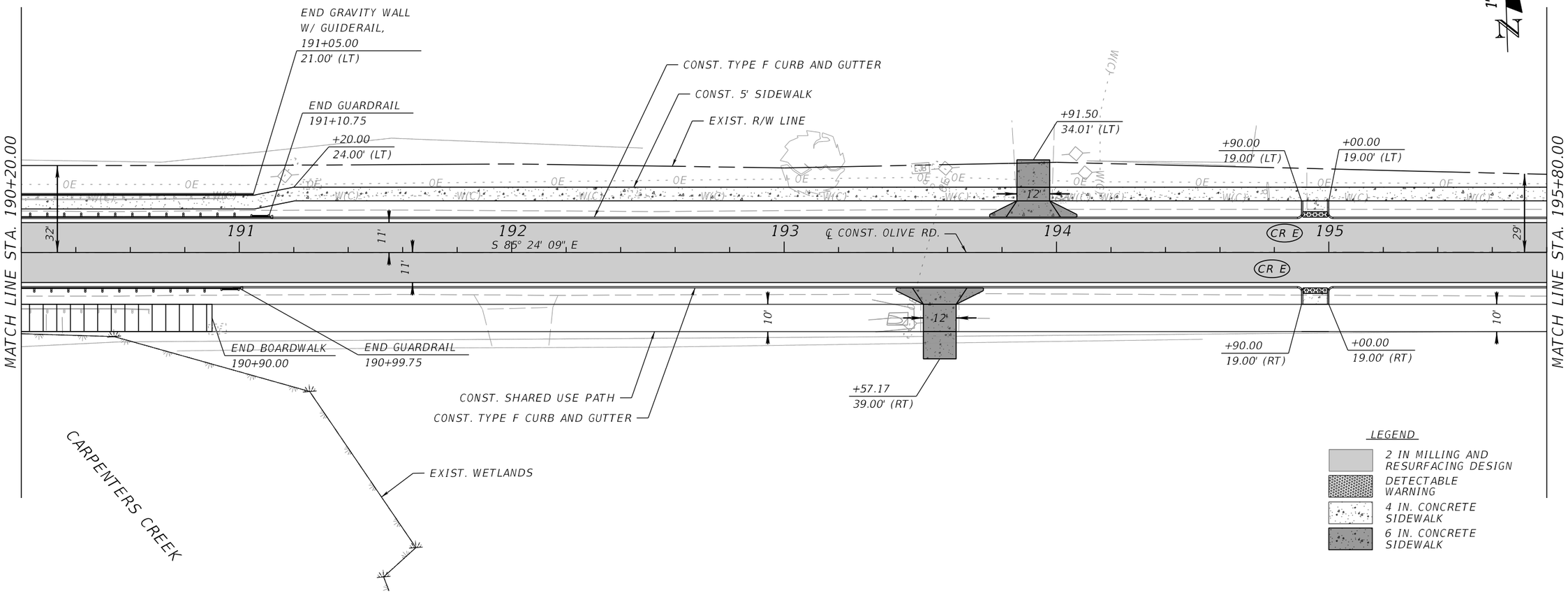

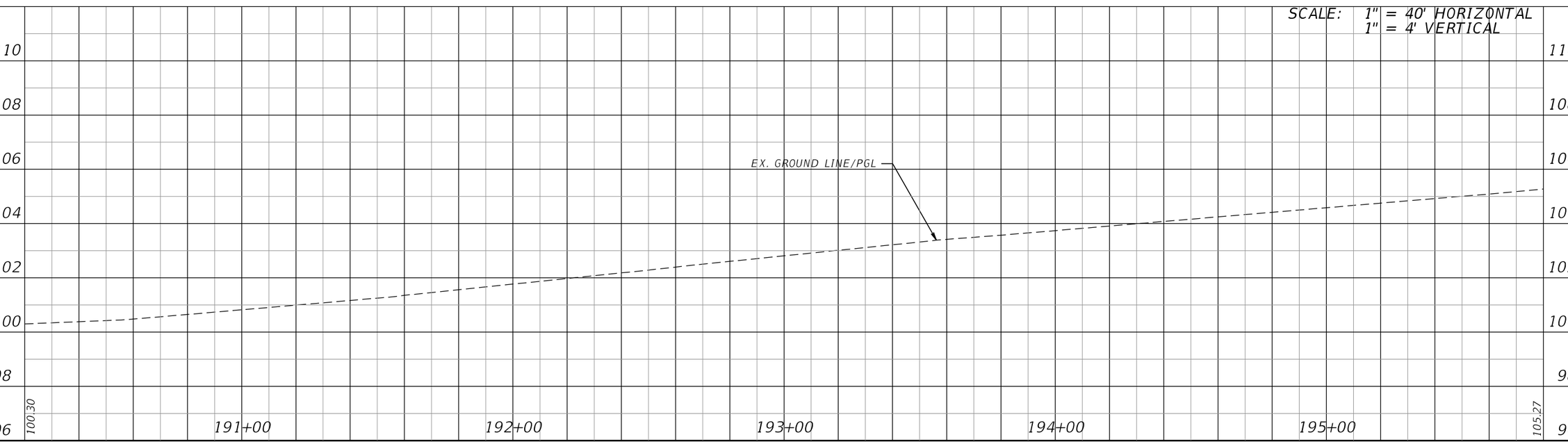

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
FIELD BOOK / PAGES:	PHONE NUMBER: (850) 815-3040
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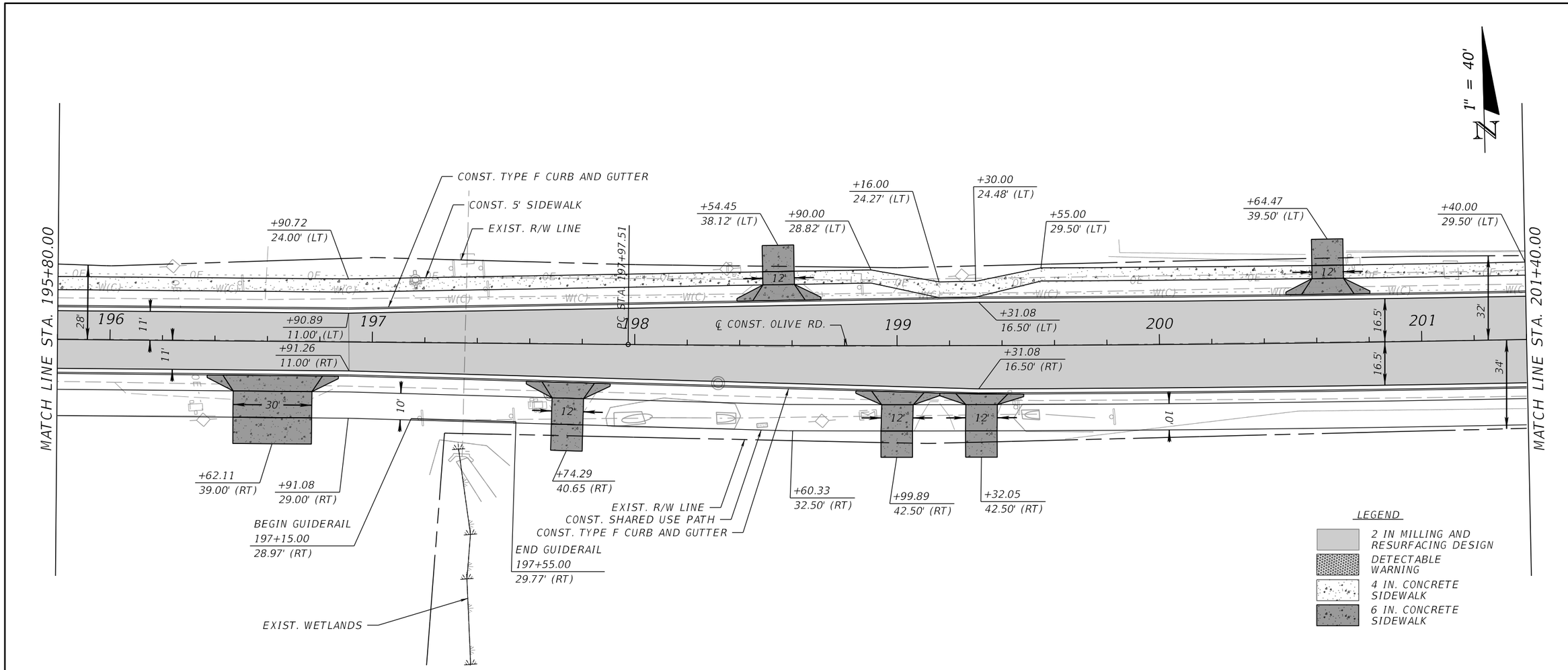

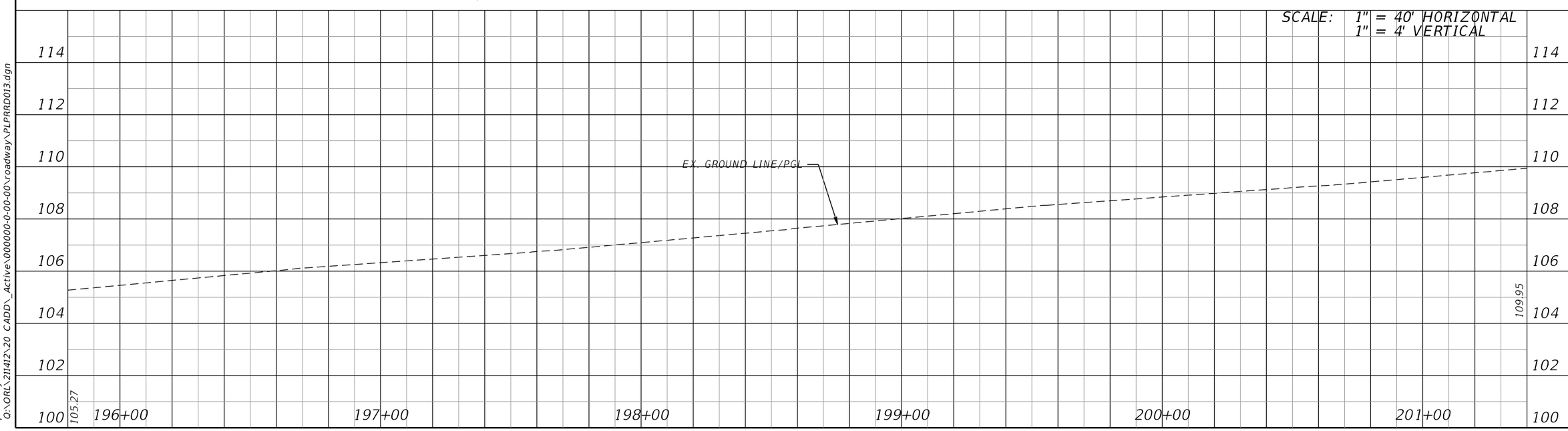

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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MOFFATT & NICHOL
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FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 16, 28, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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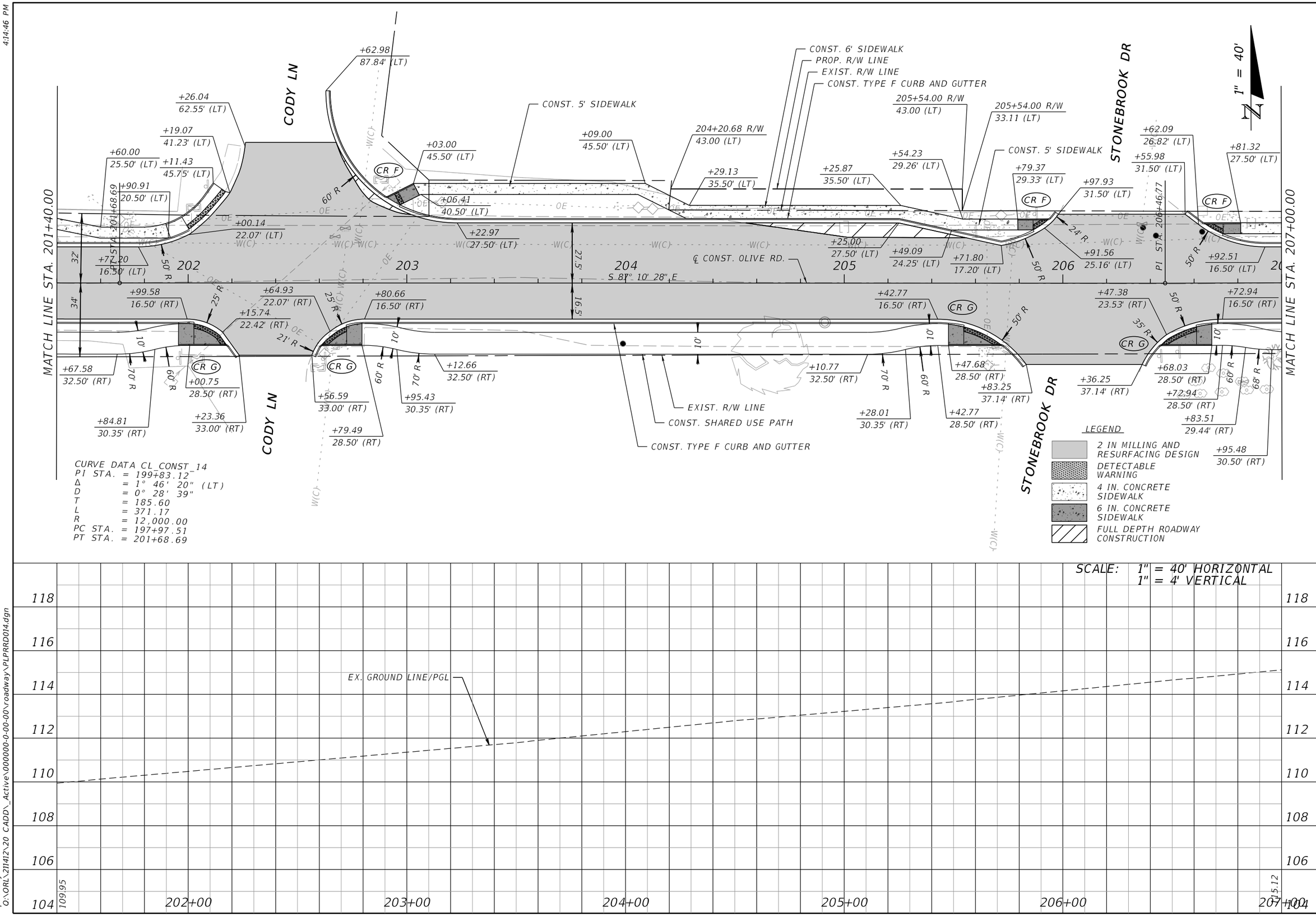

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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FIELD BOOK / PAGES:
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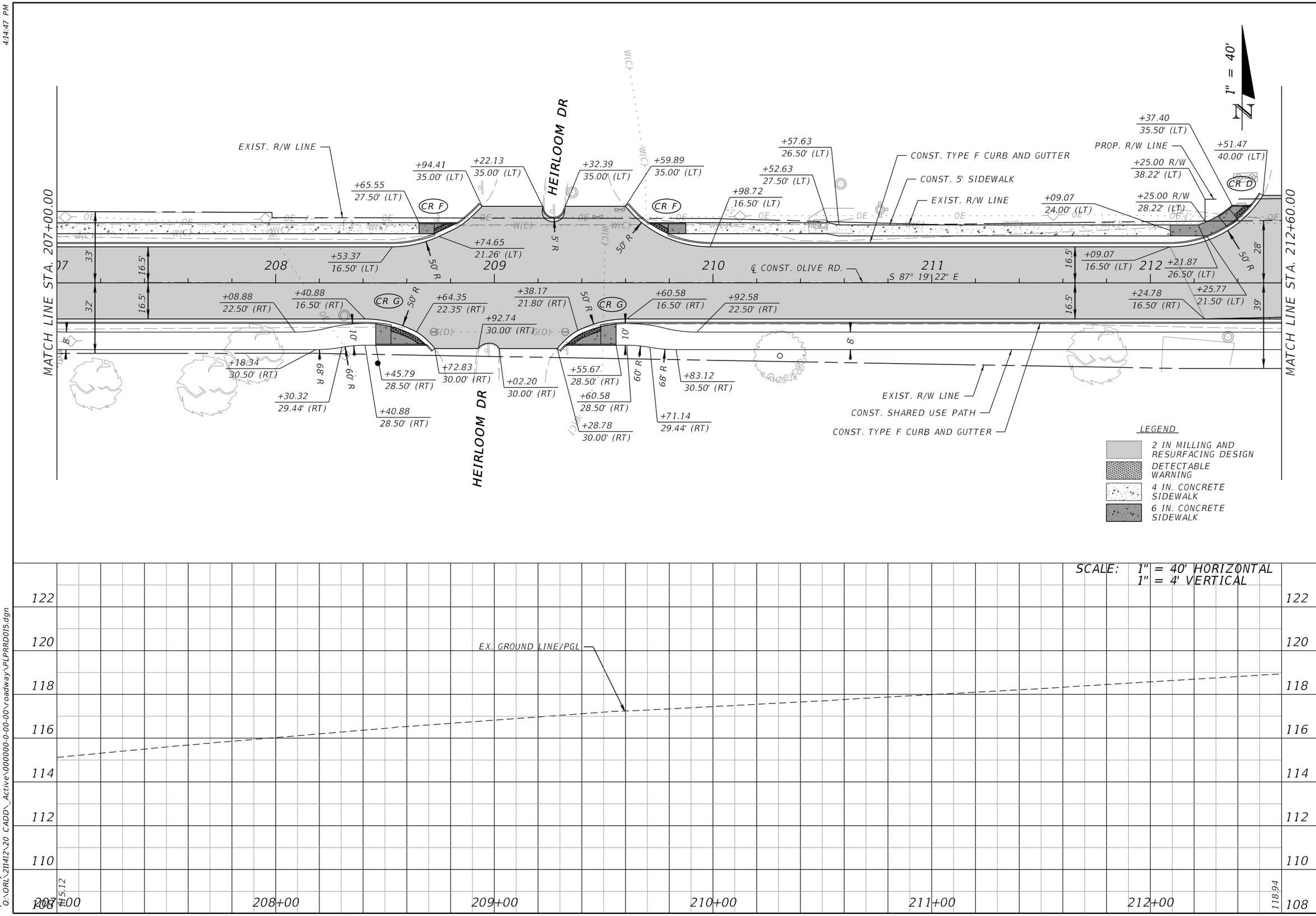

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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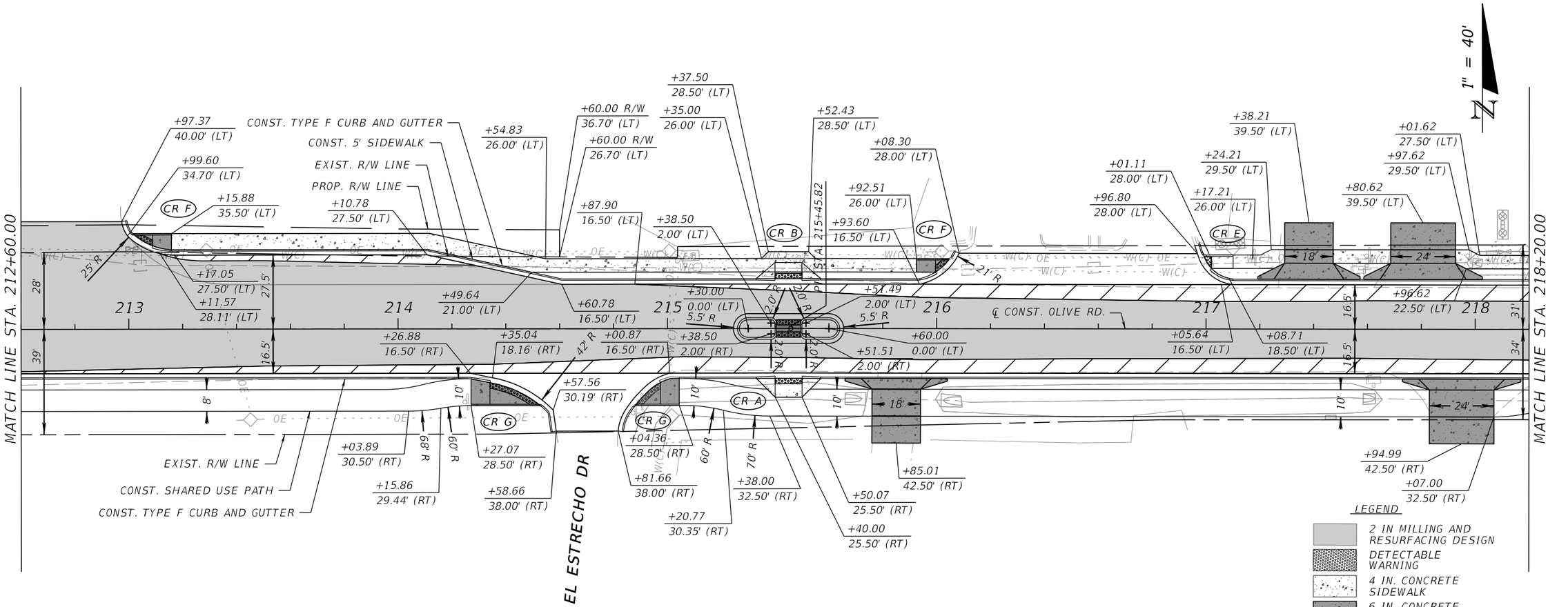

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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DISTRICT: 3 & 4

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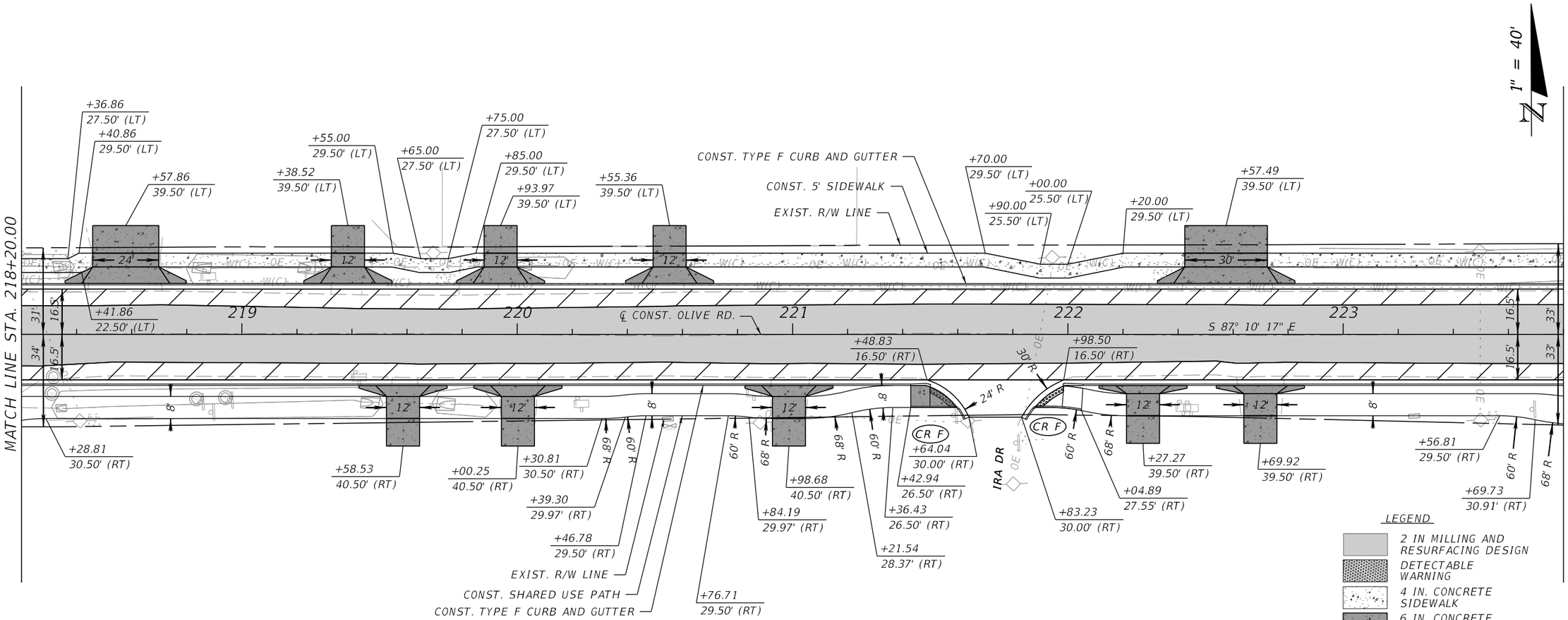

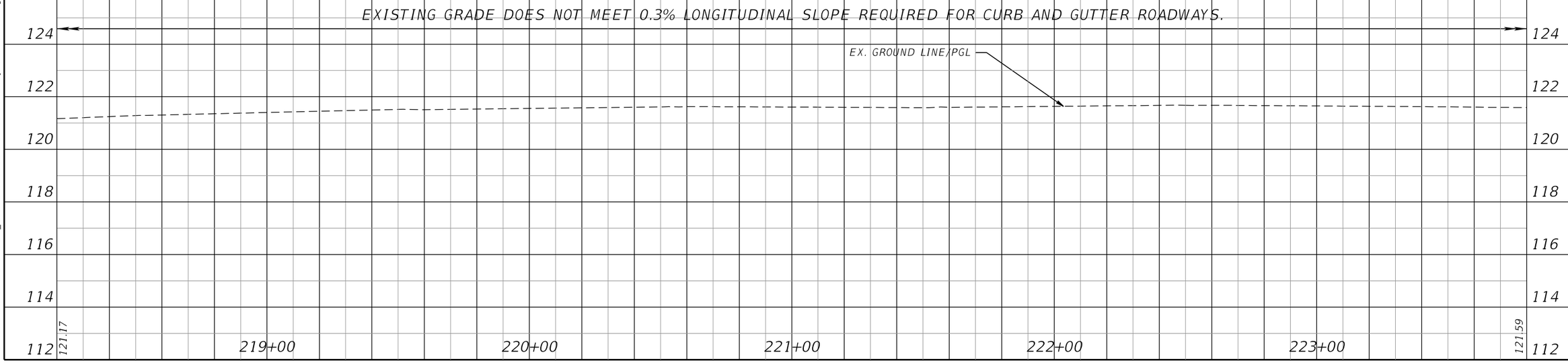

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ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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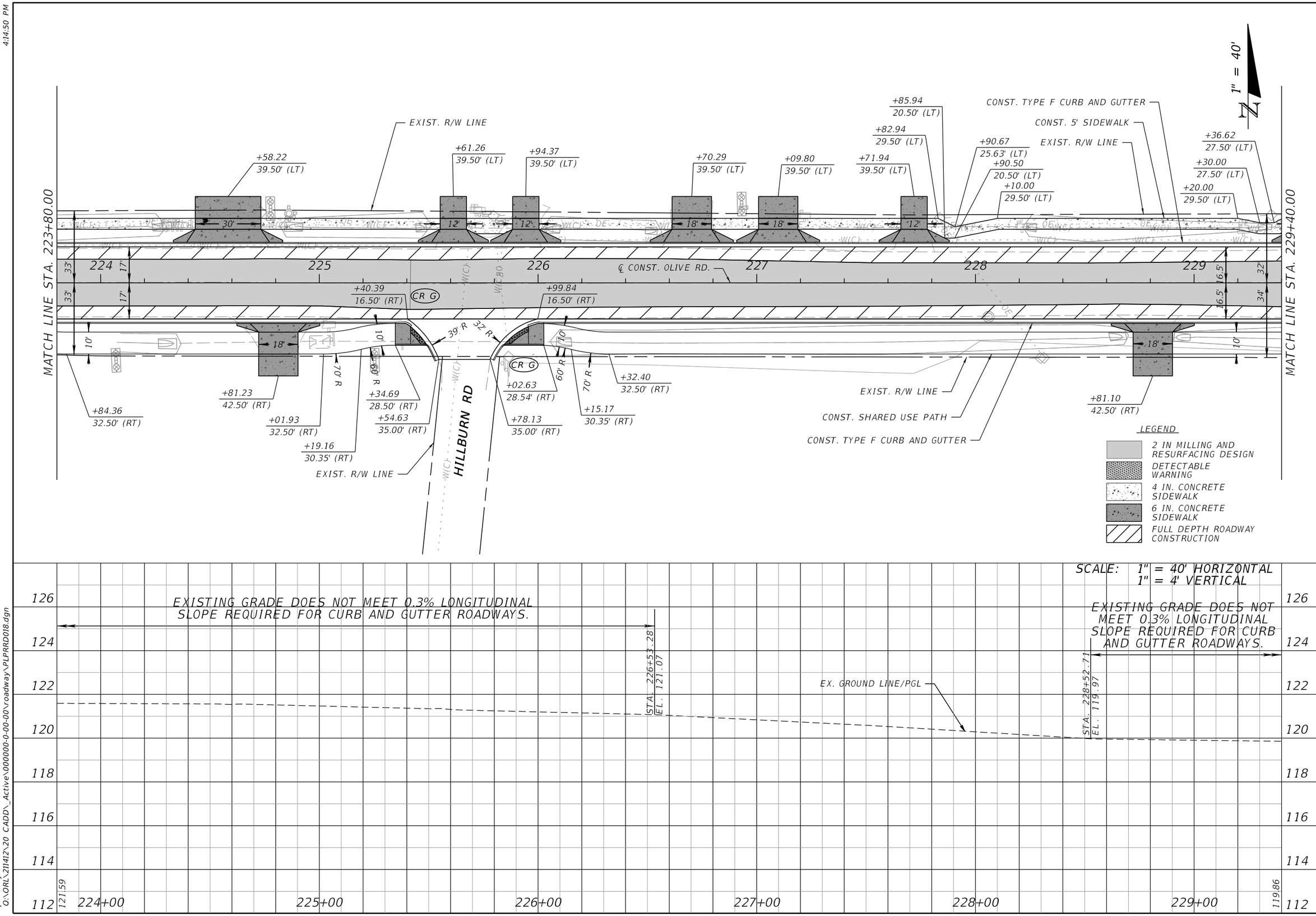

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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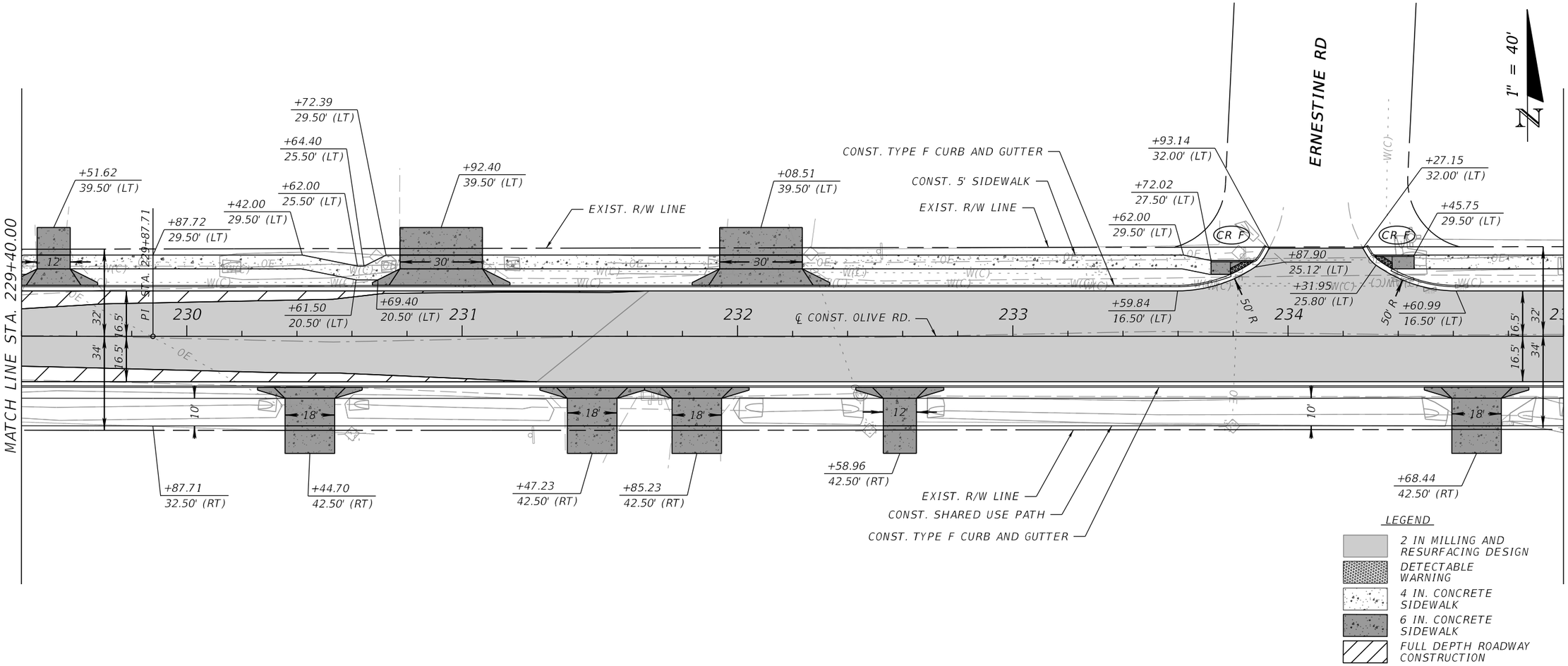

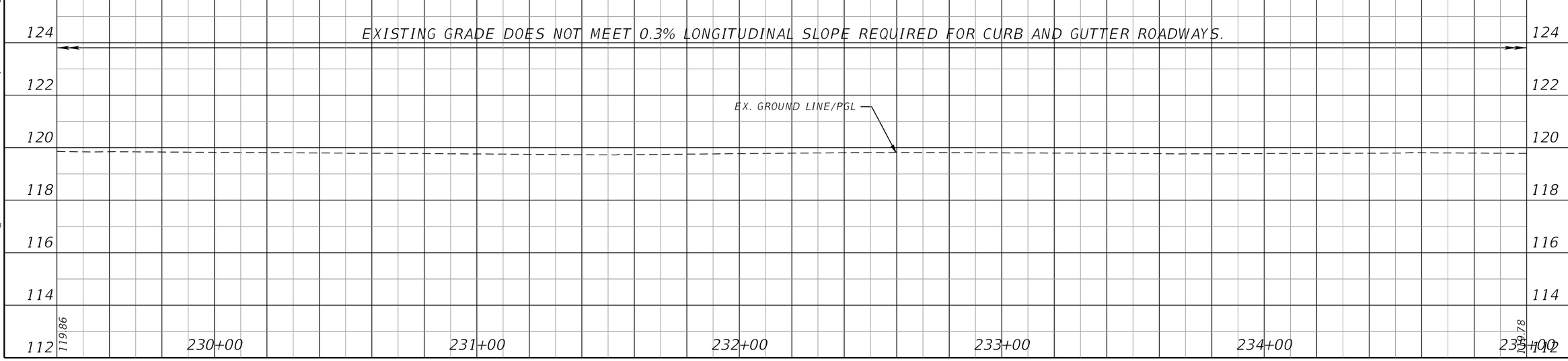

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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SHEET 34

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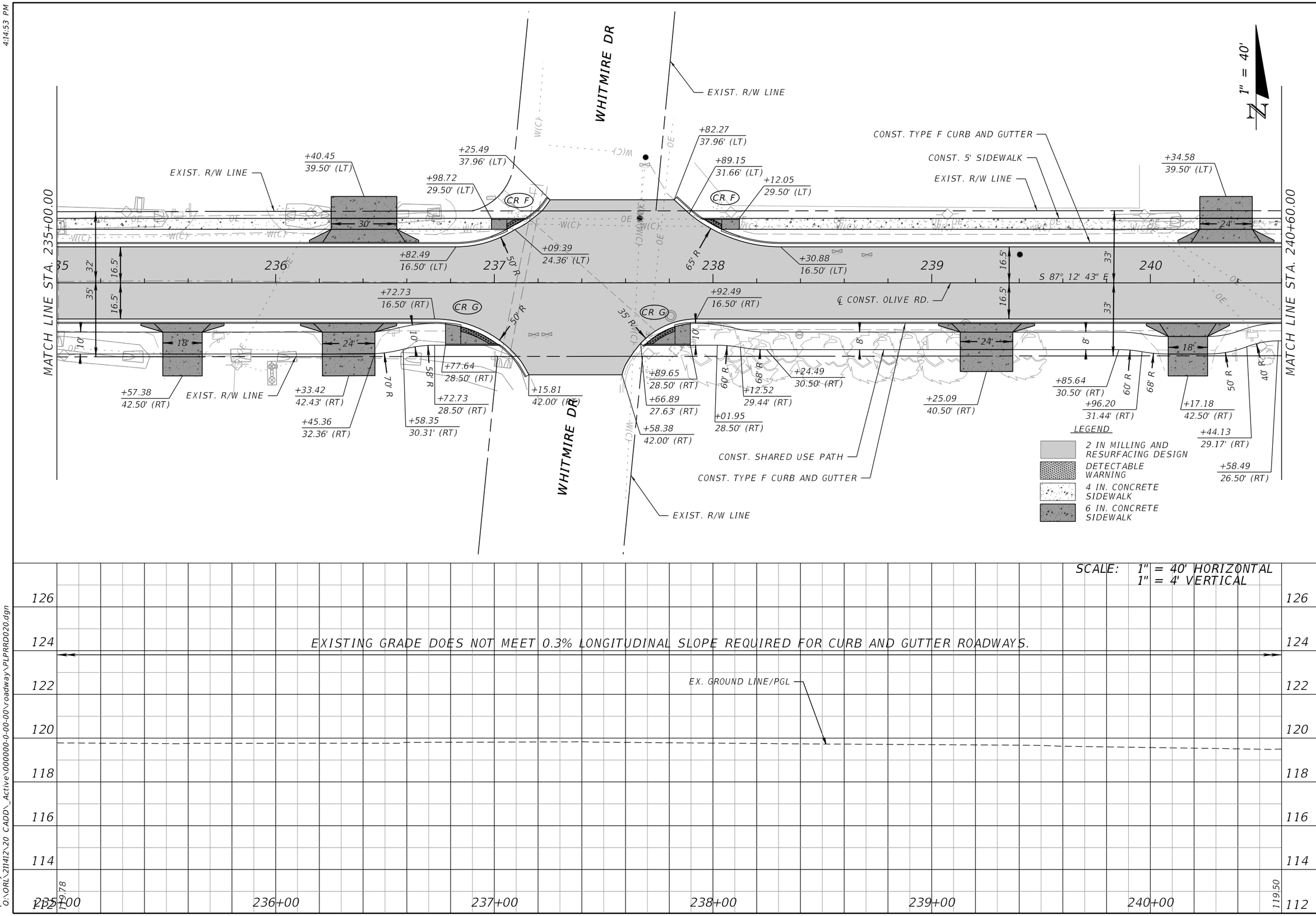

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ROADWAY PLAN-PROFILE

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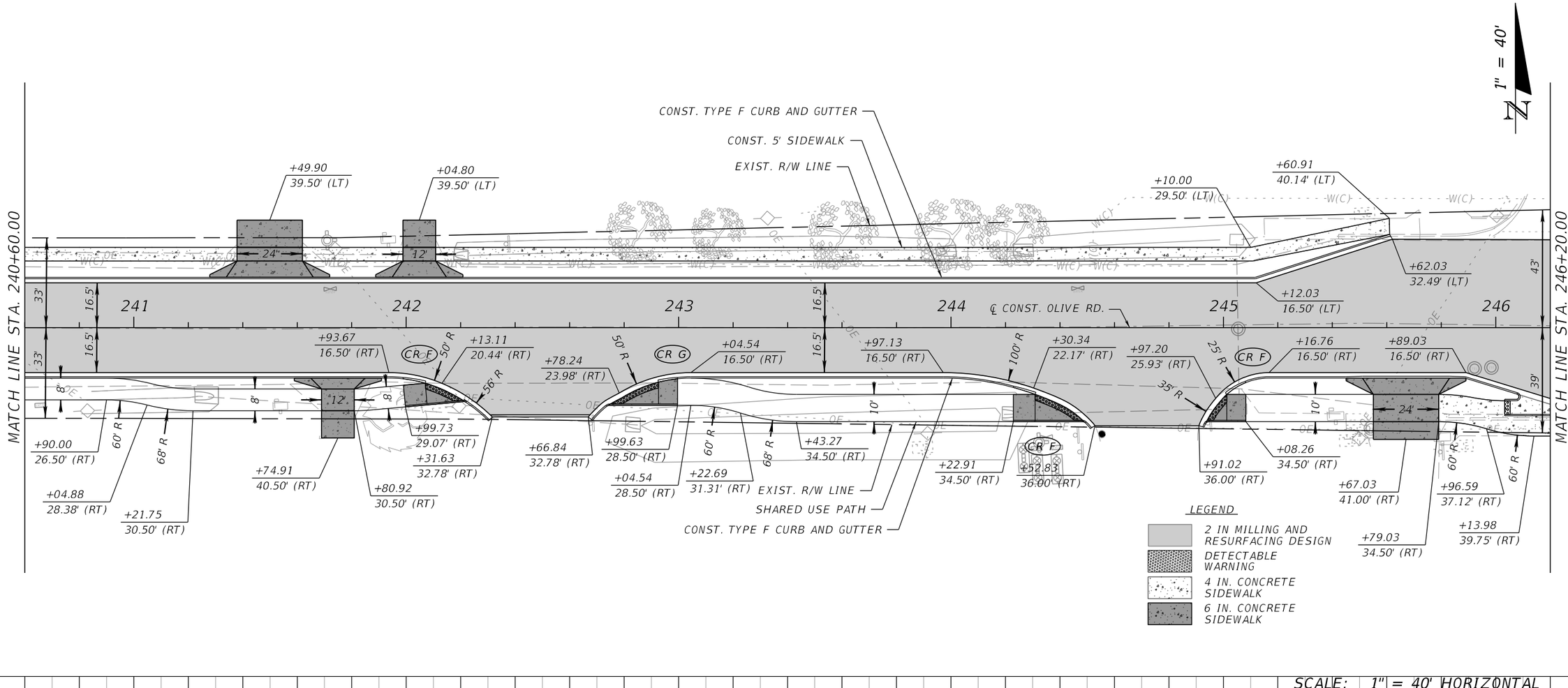

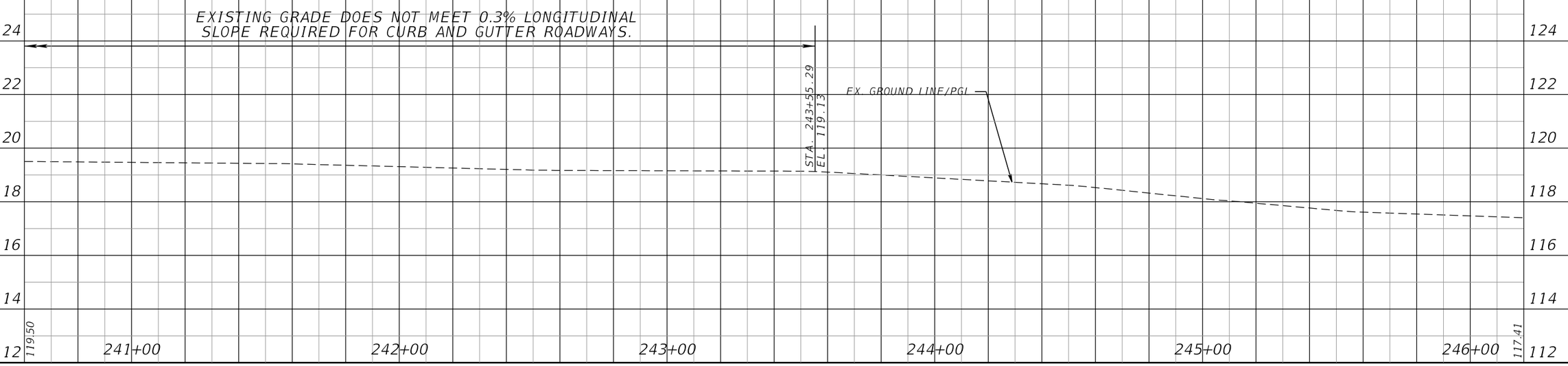

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ROADWAY PLAN-PROFILE

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FIELD BOOK / PAGES:
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SHEET 36

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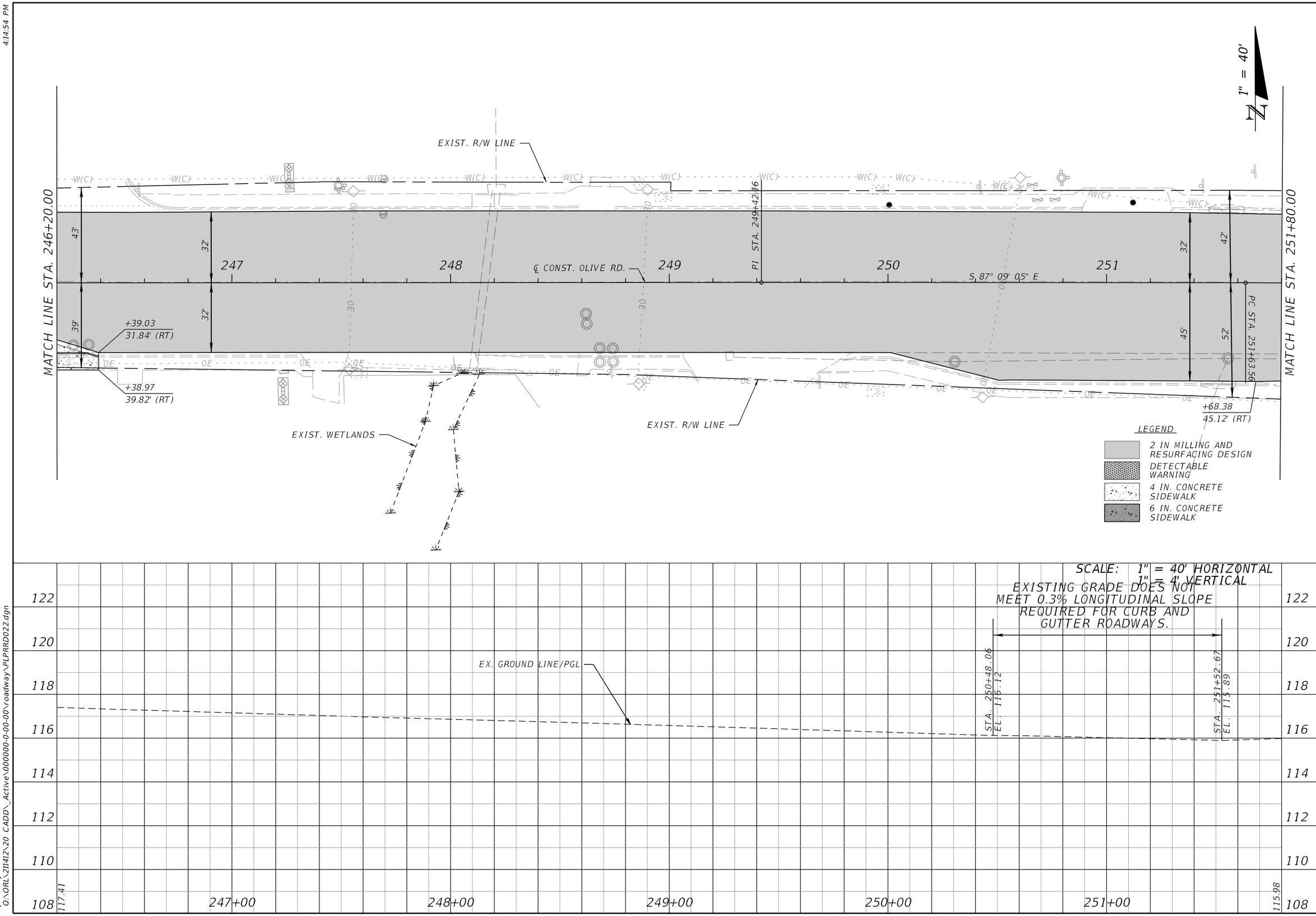

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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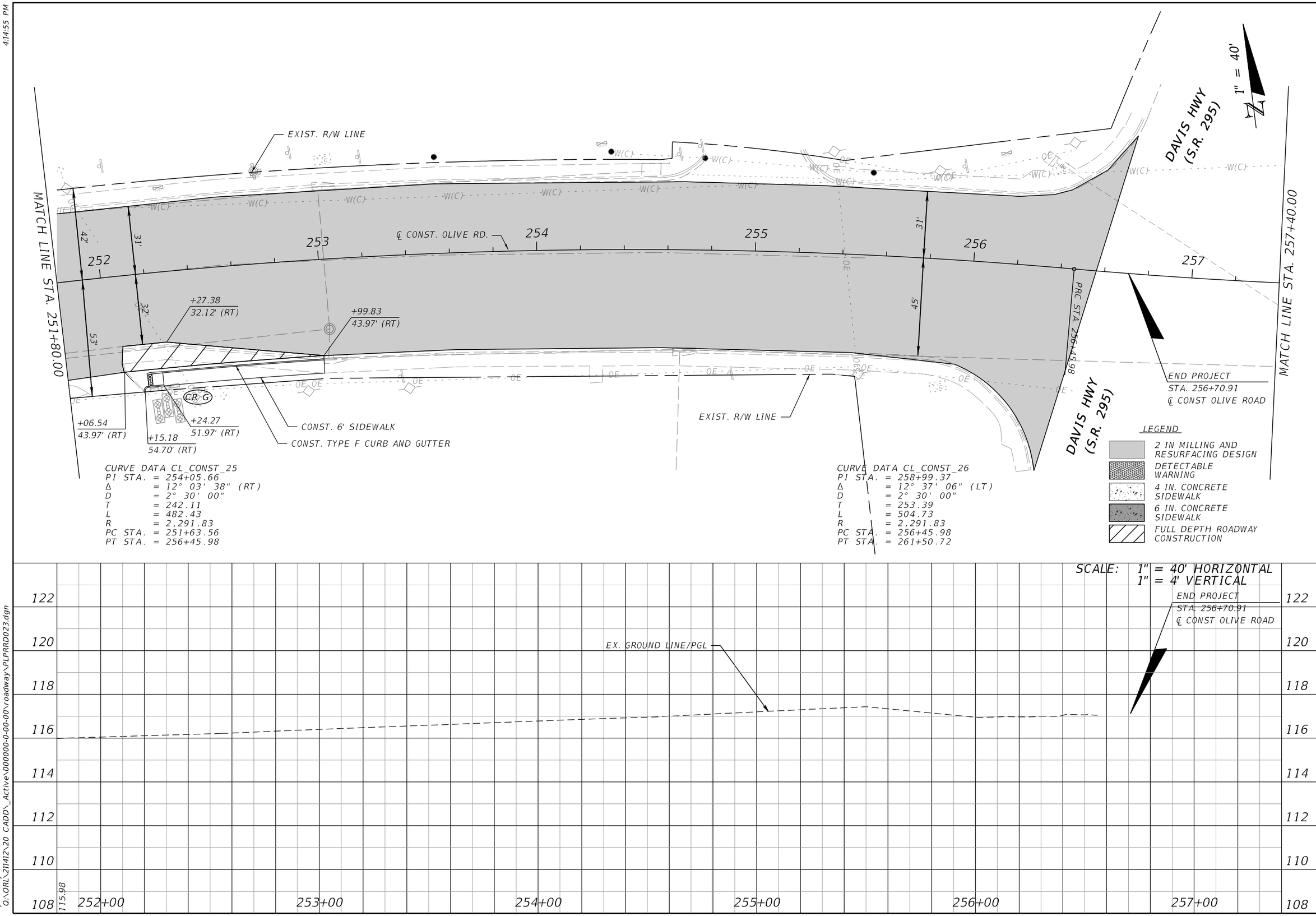

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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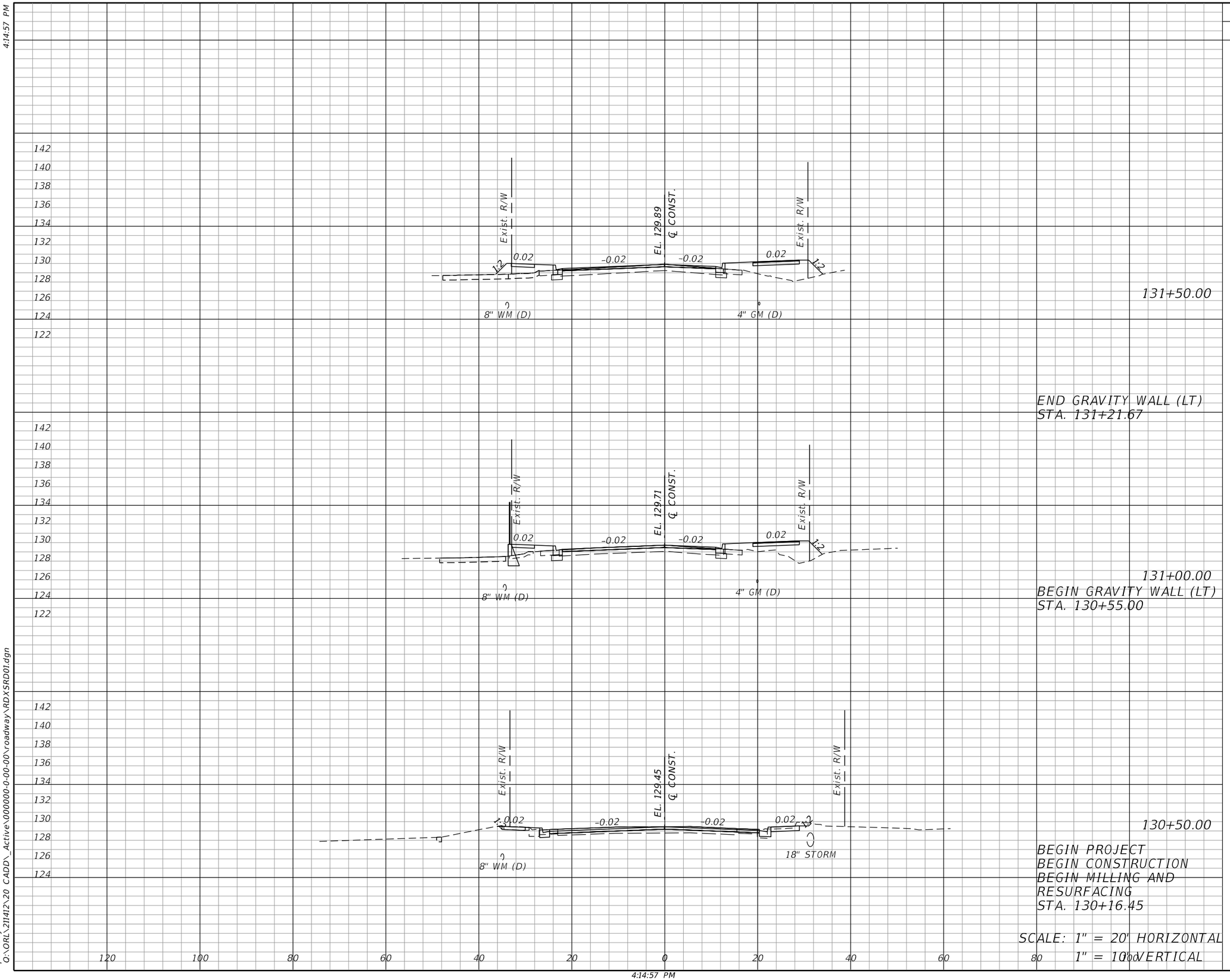

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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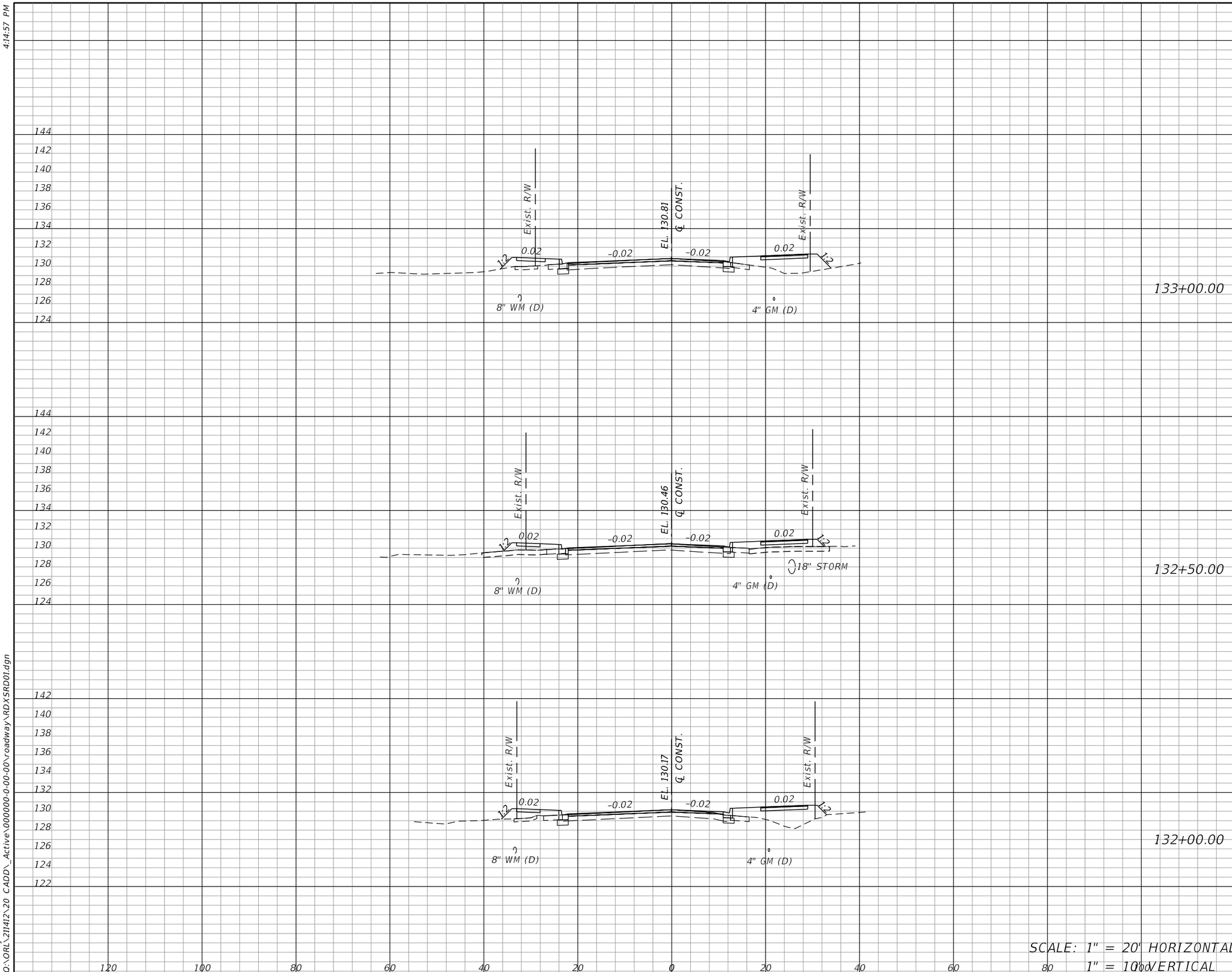

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 40

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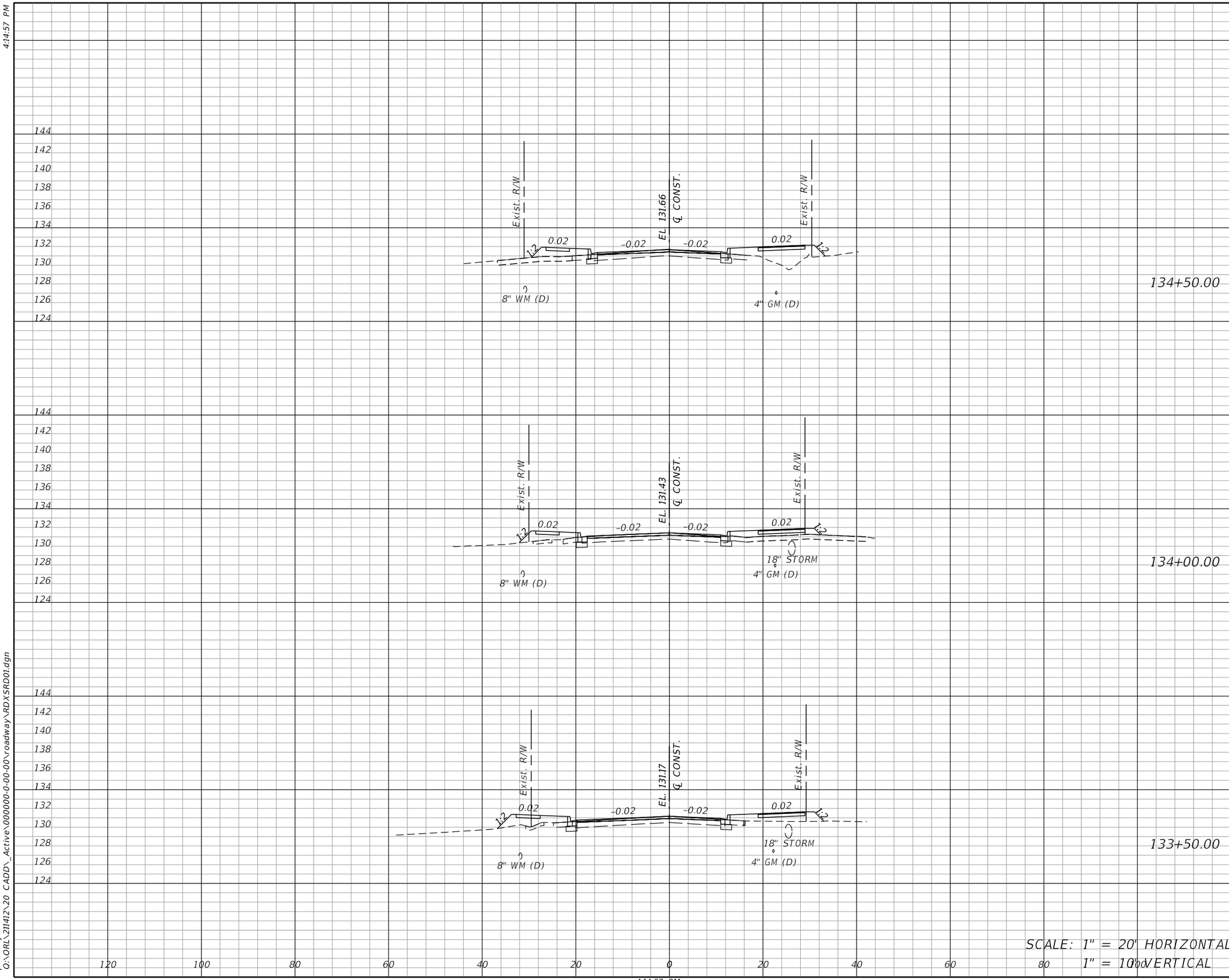

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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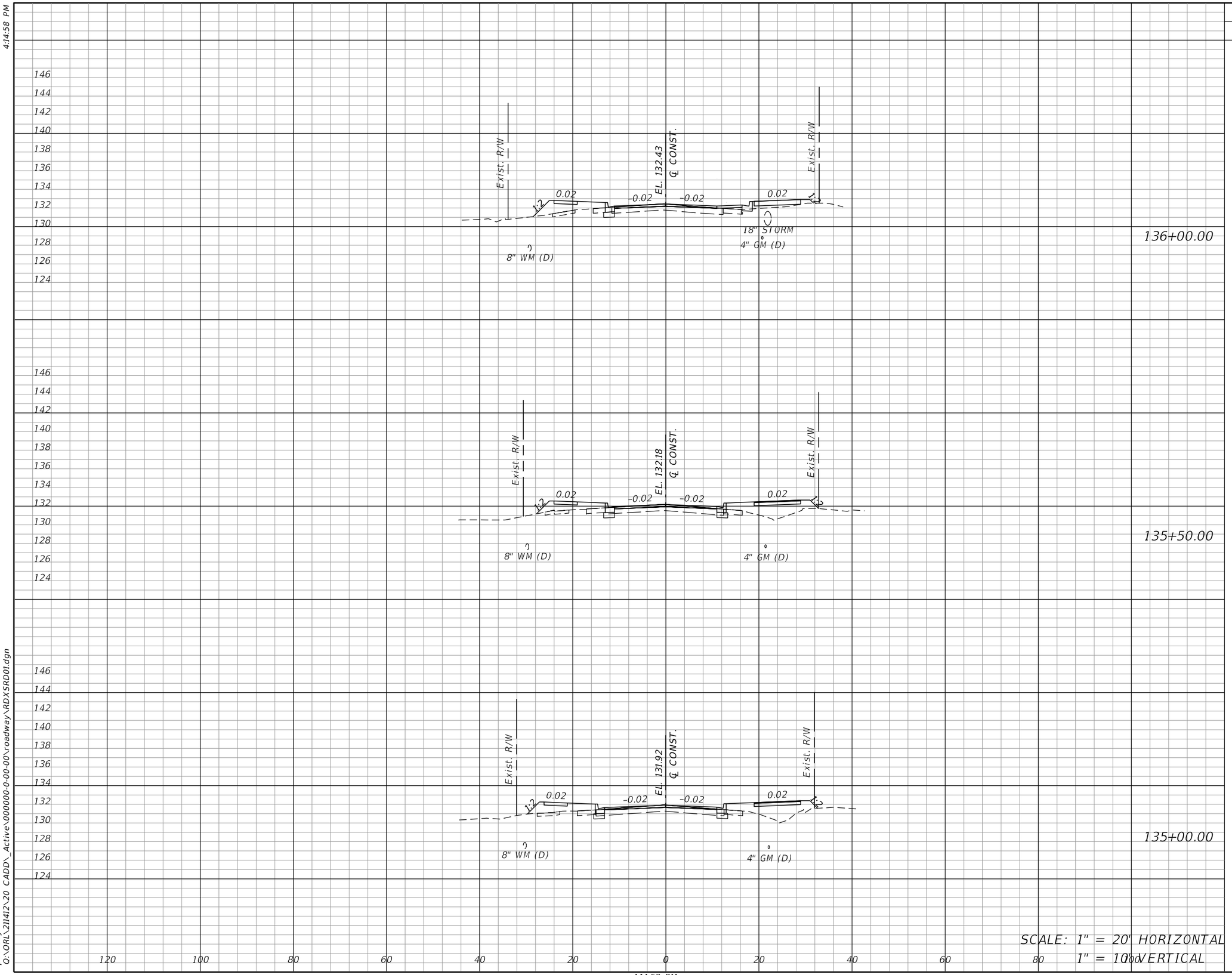

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE

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PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

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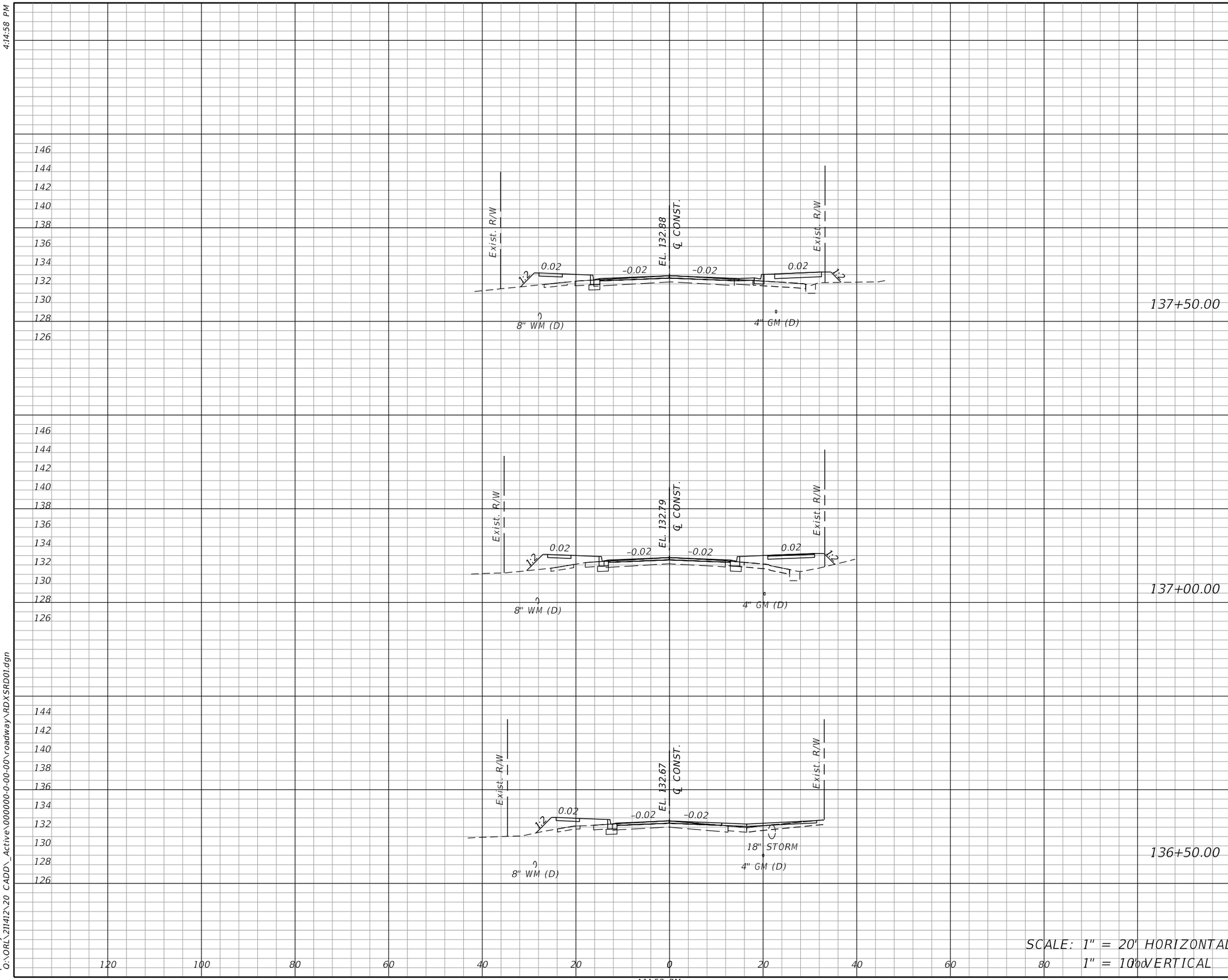

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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DISTRICT: 3 & 4

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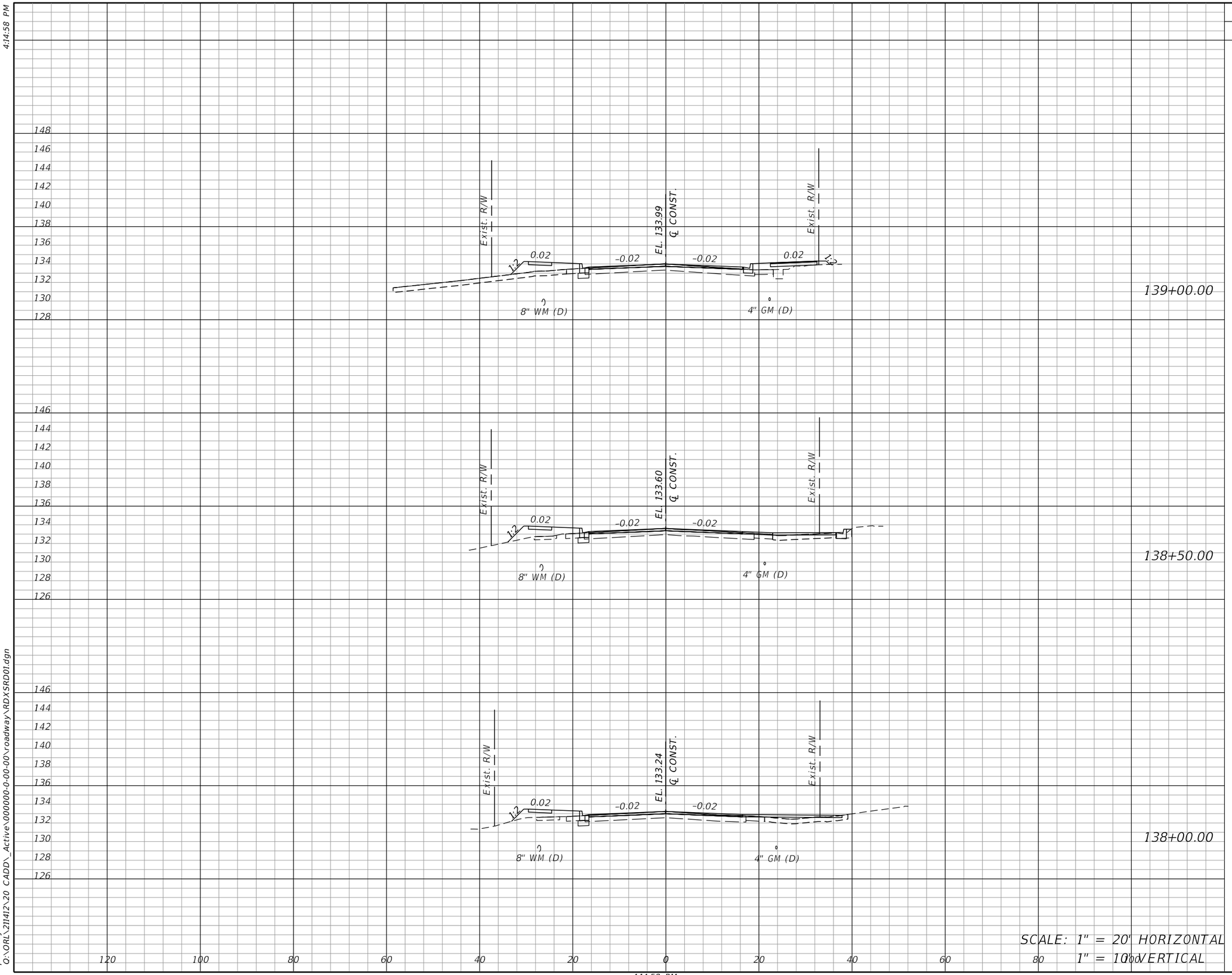

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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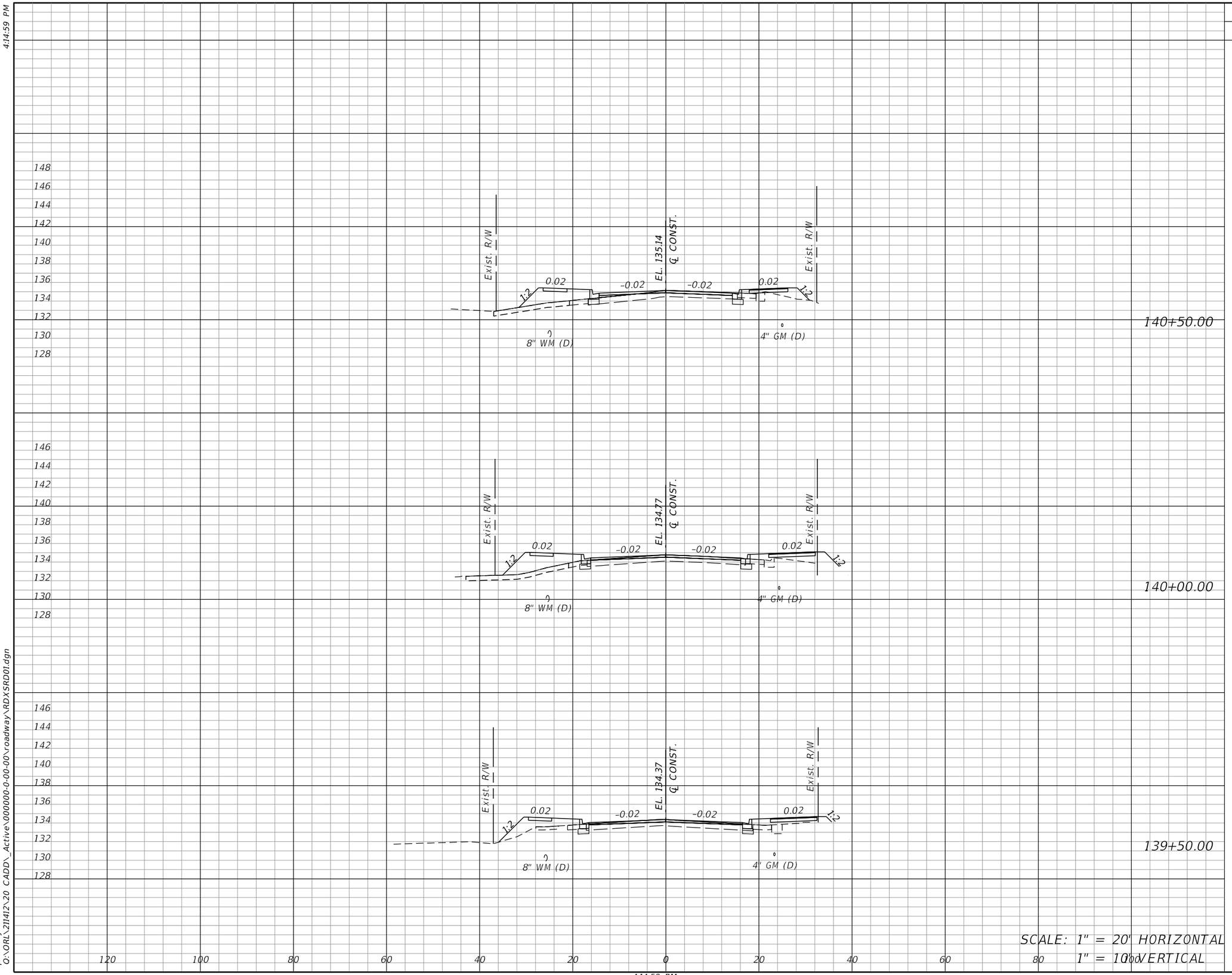

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OLIVE ROAD STREET IMPROVEMENT PROJECT

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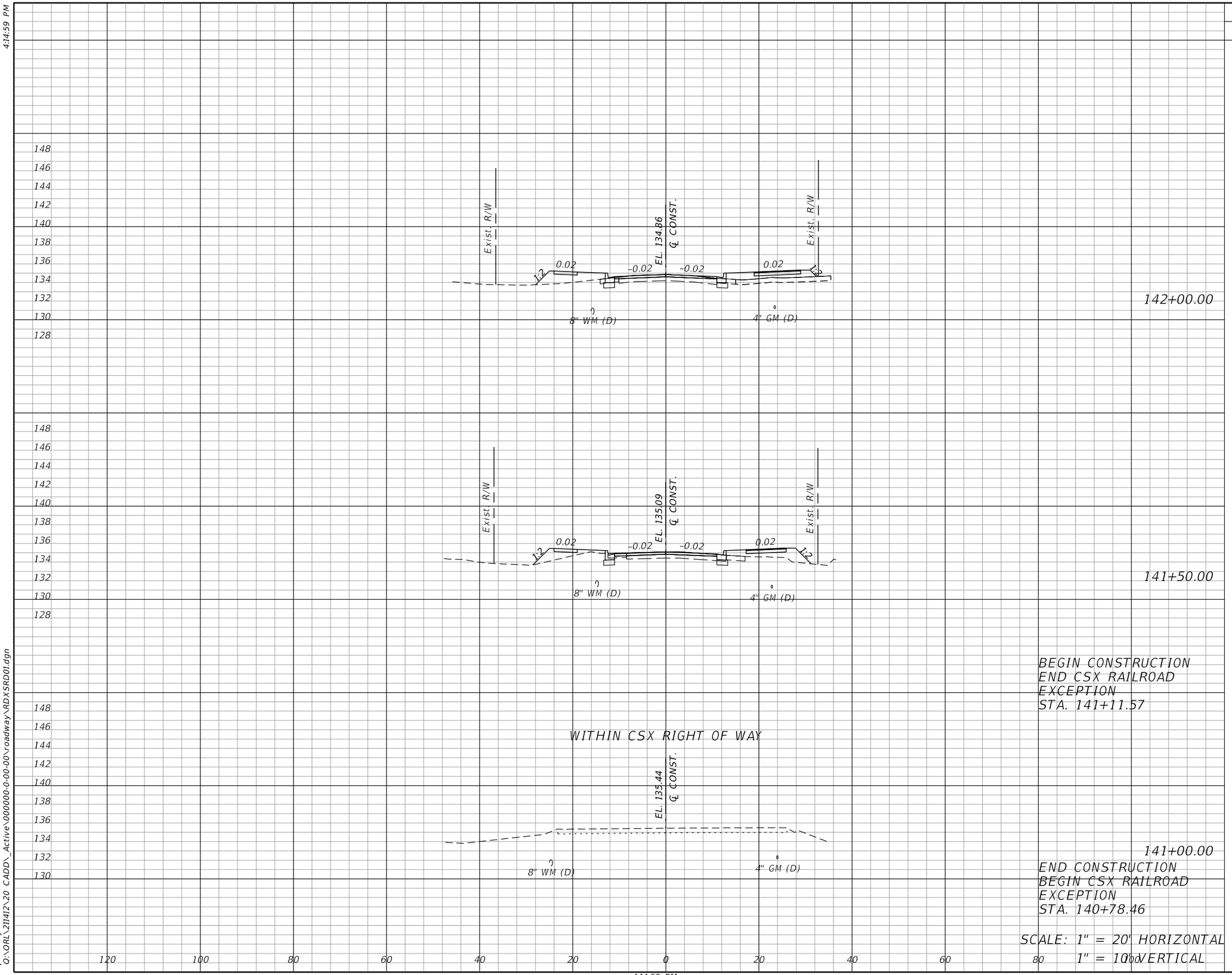

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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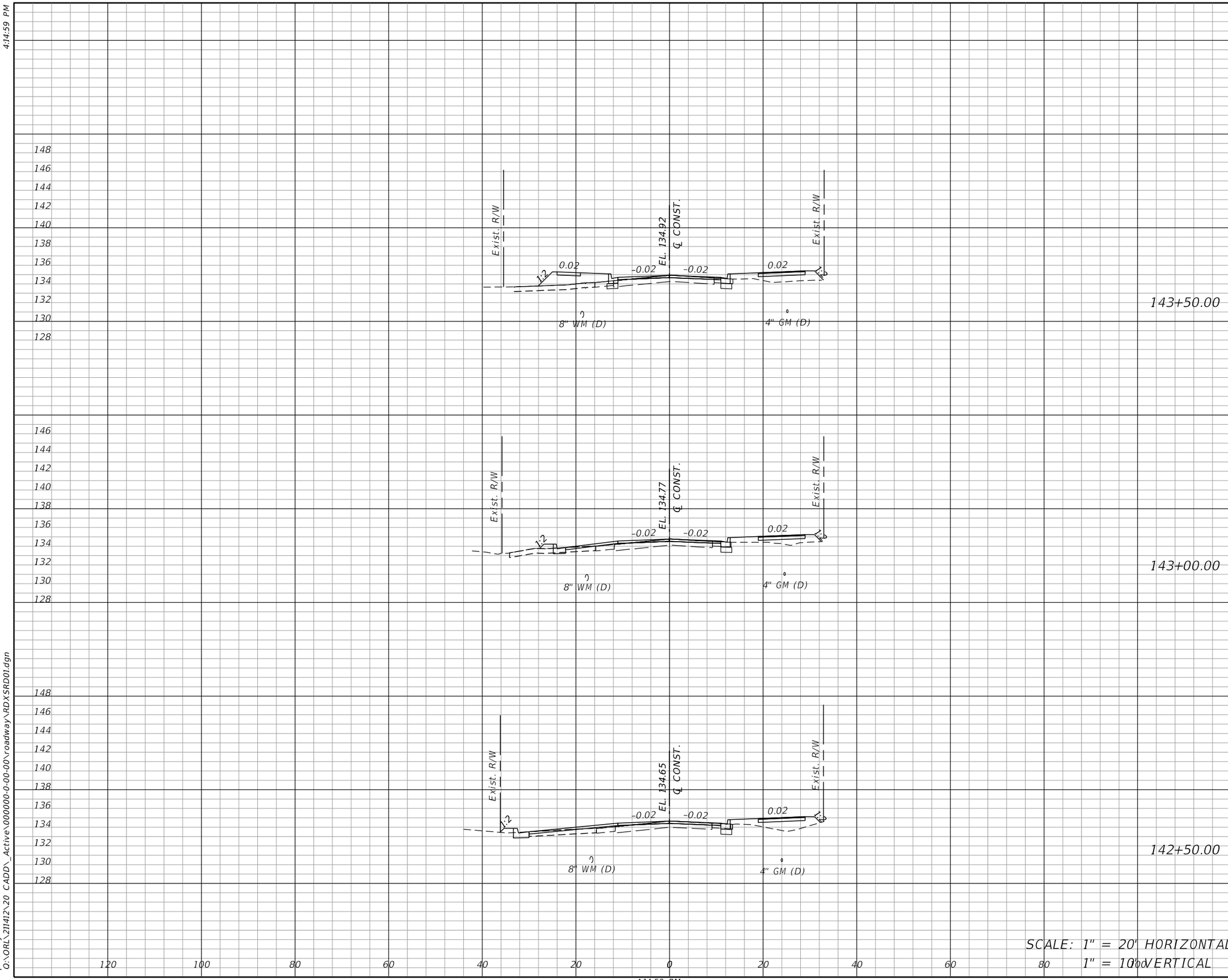

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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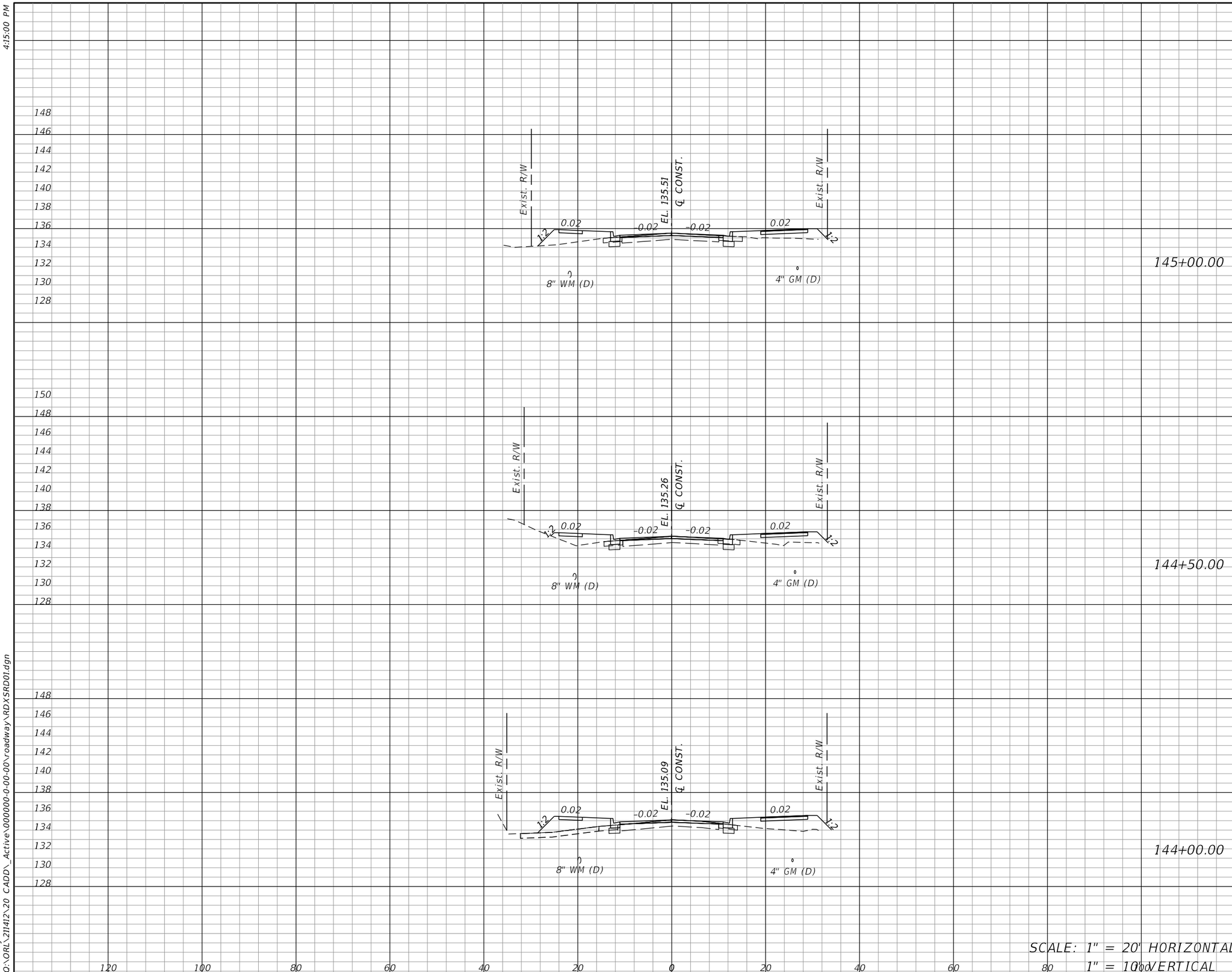

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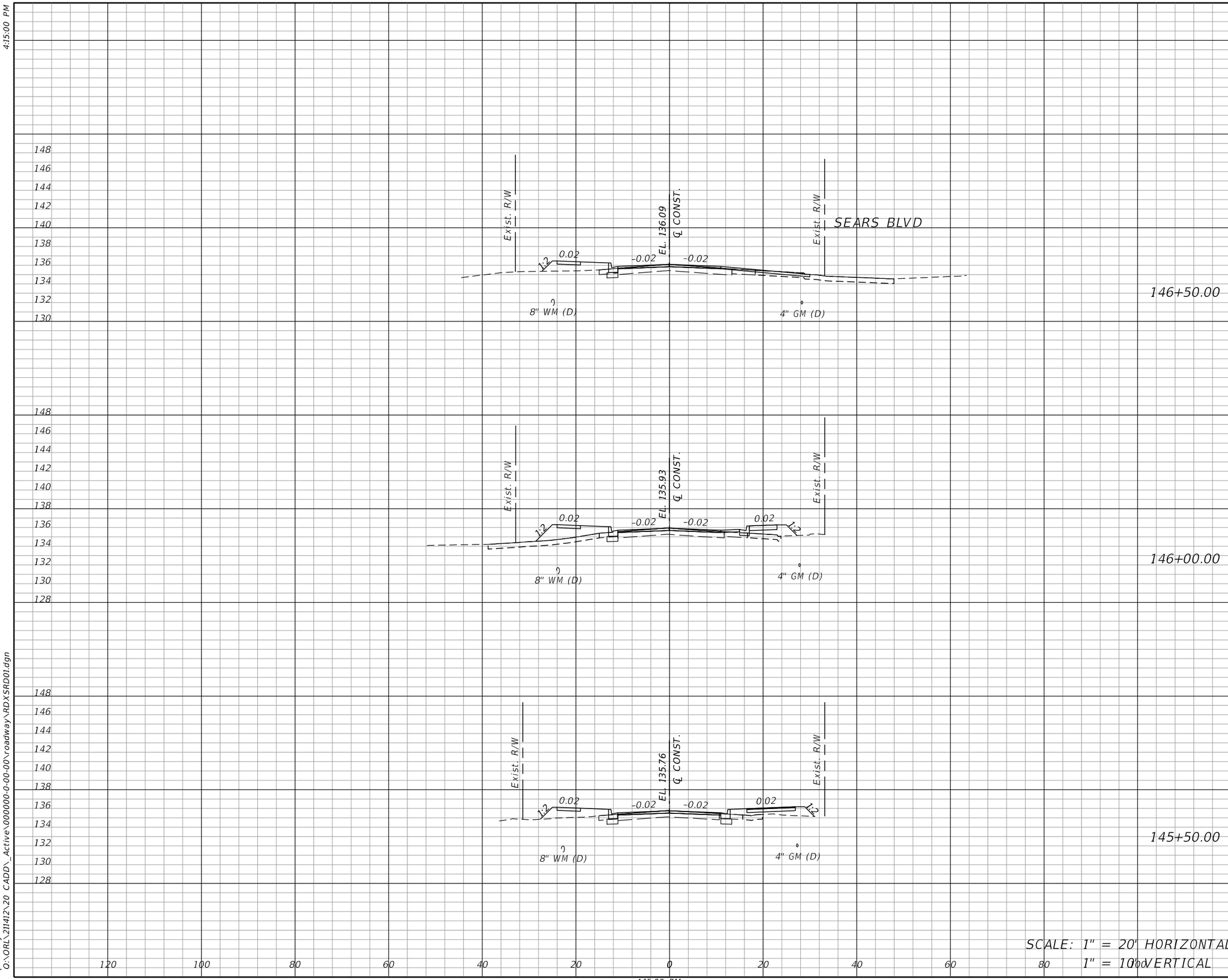

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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Regular Exc.		Embankment	
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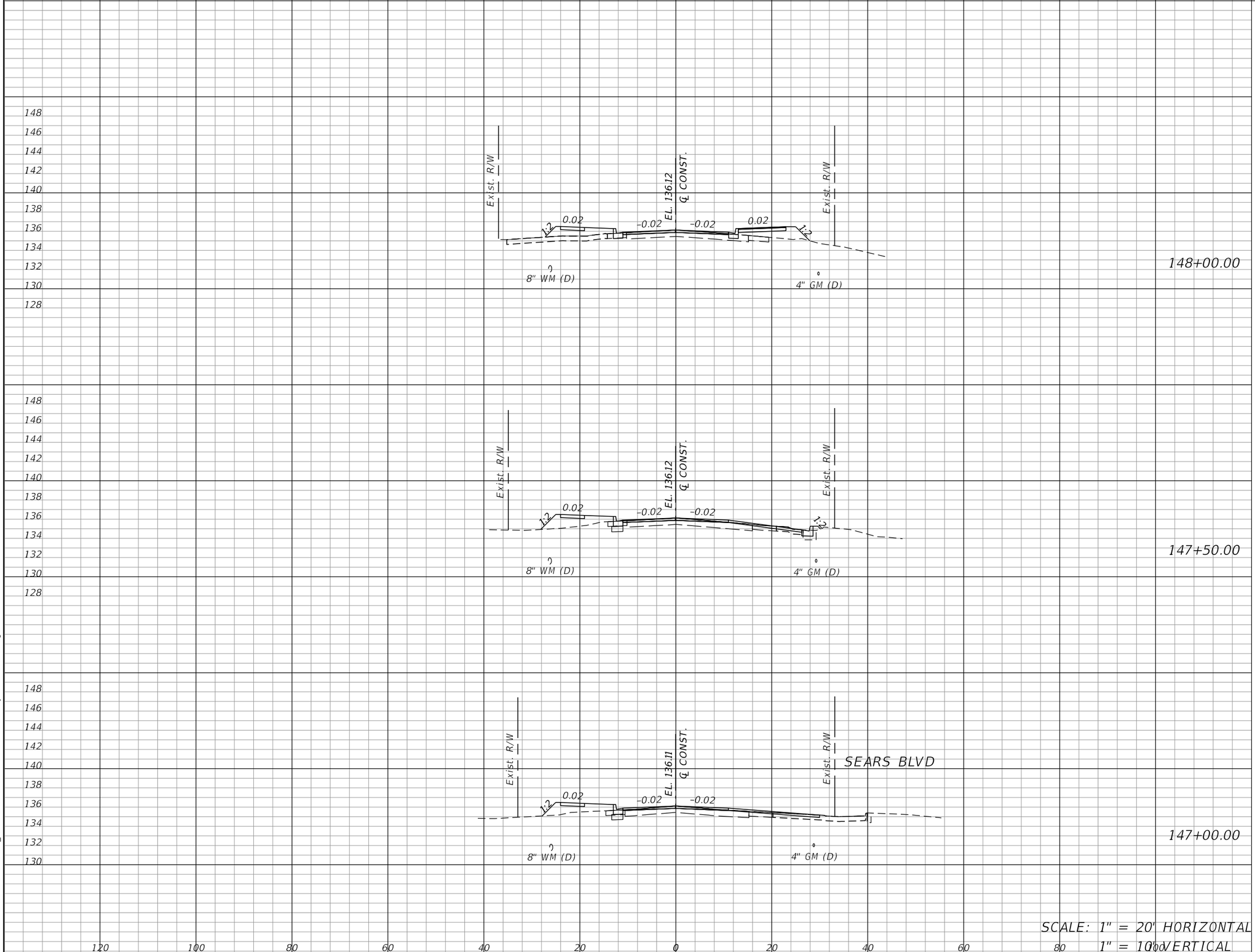

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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FIELD BOOK / PAGES:		SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W	PHONE NUMBER: (850) 815-3040

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SHEET 50

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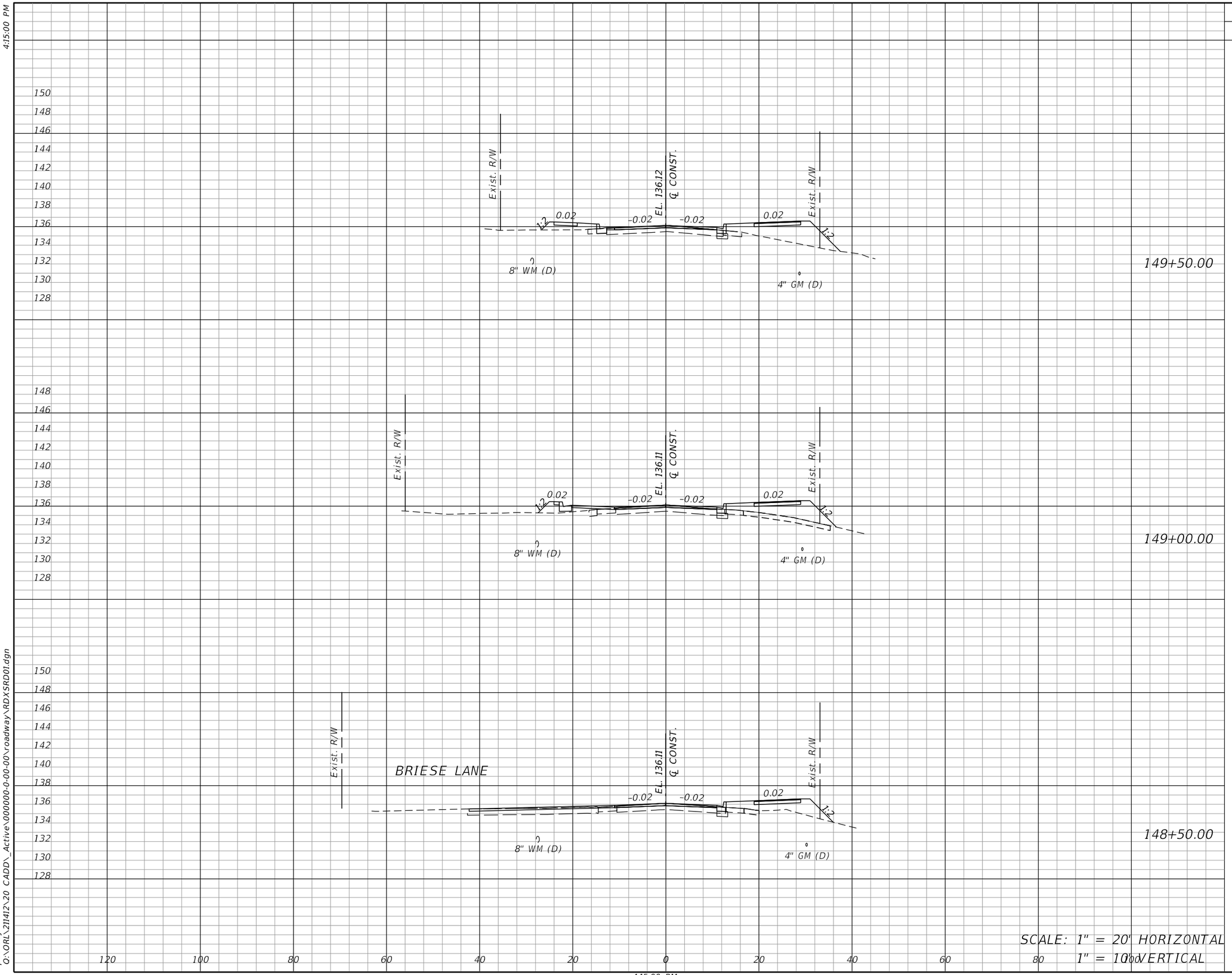

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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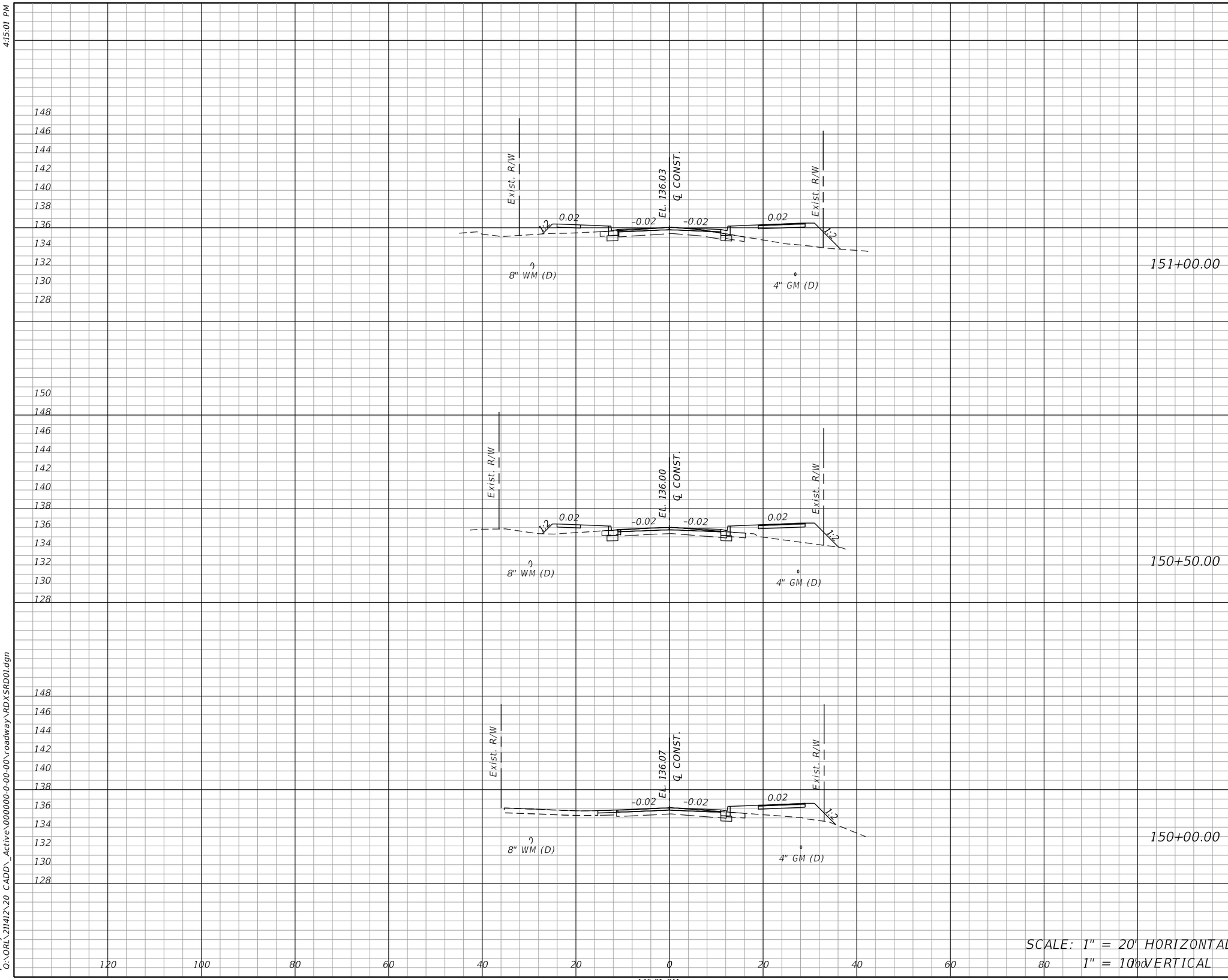

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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Regular Exc.		Embankment	
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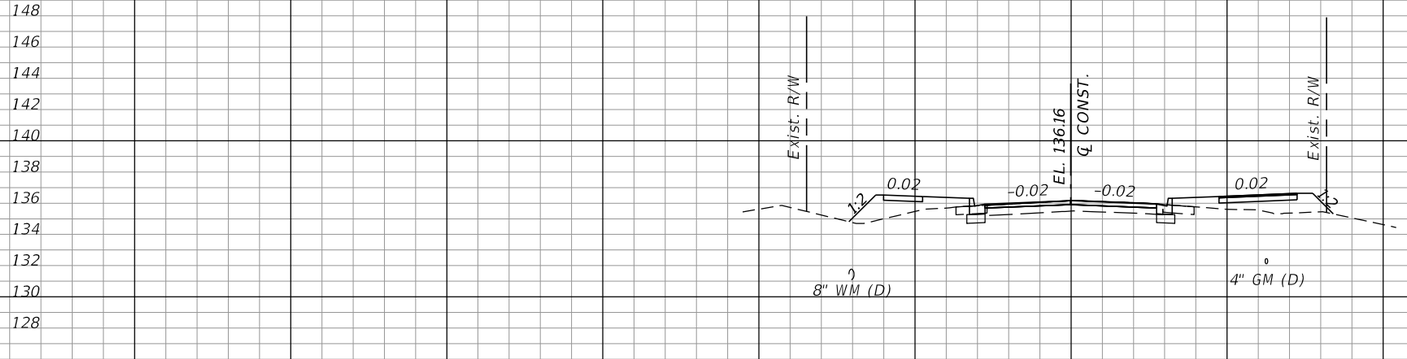
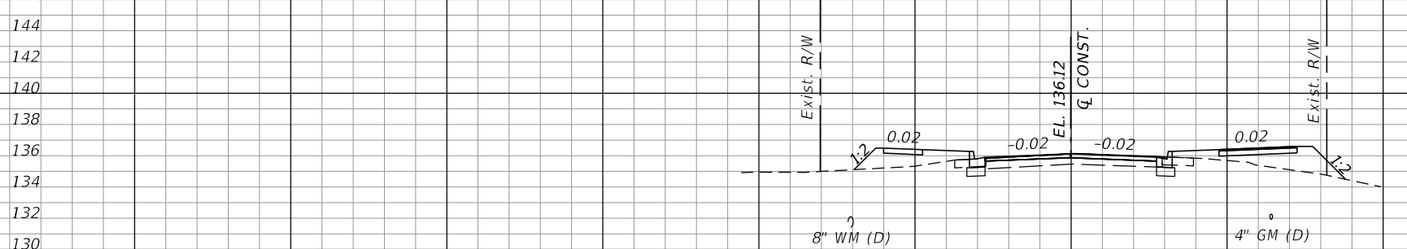


152+50.00



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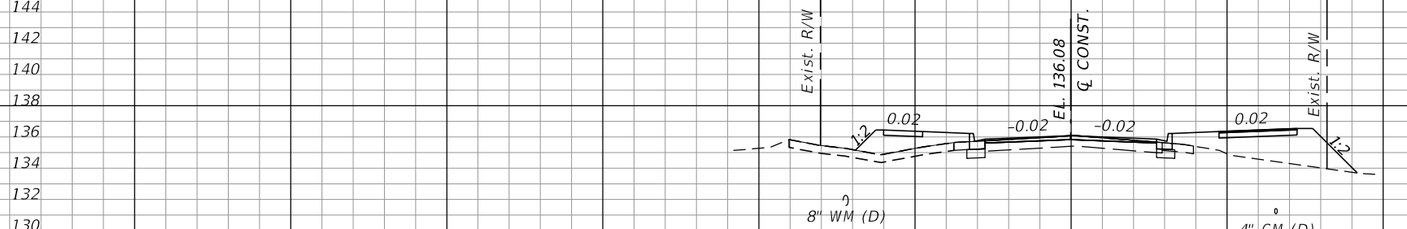

151+50.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

OLIVE ROAD STREET IMPROVEMENT PROJECT

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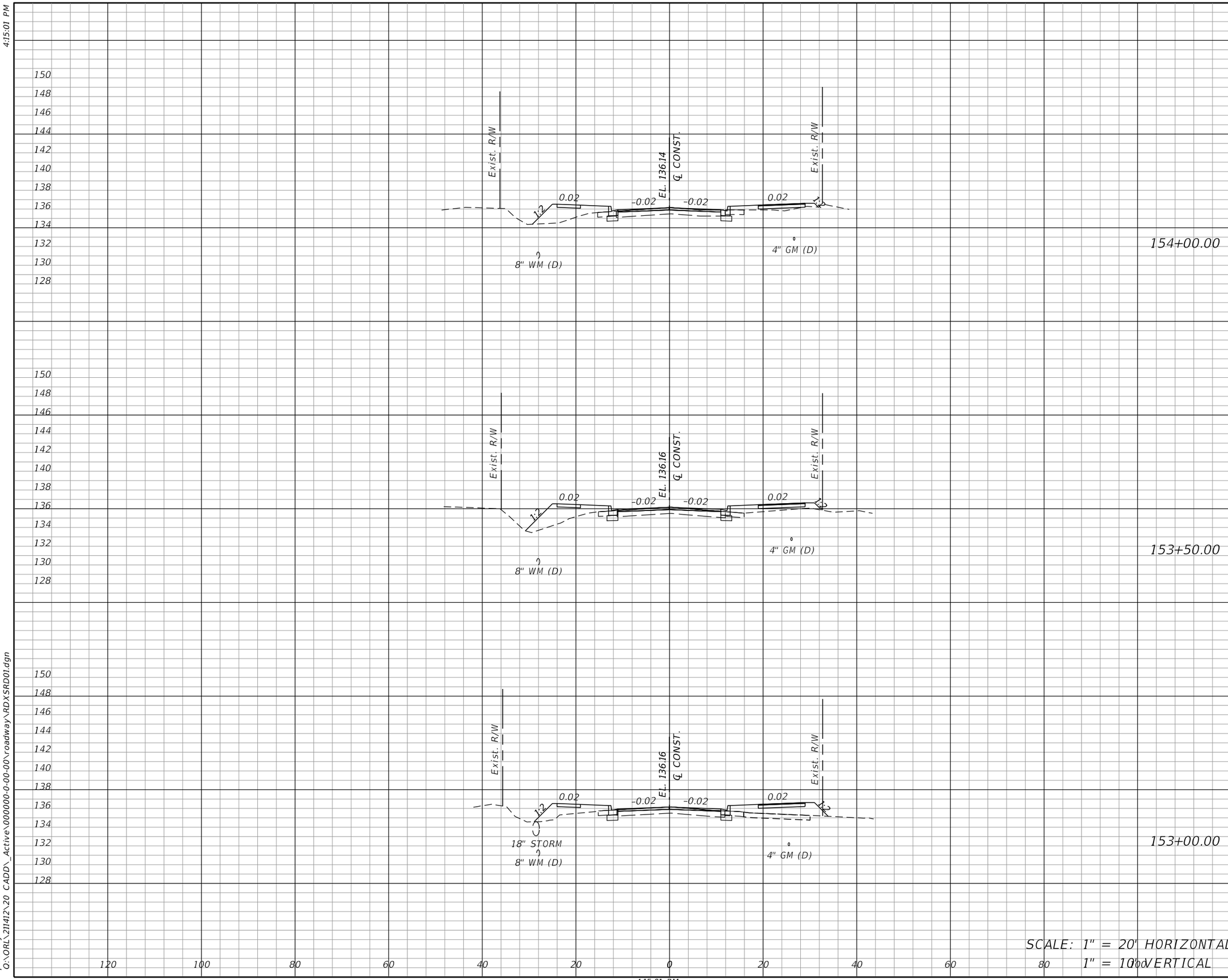

OLIVE ROAD STREET IMPROVEMENT PROJECT

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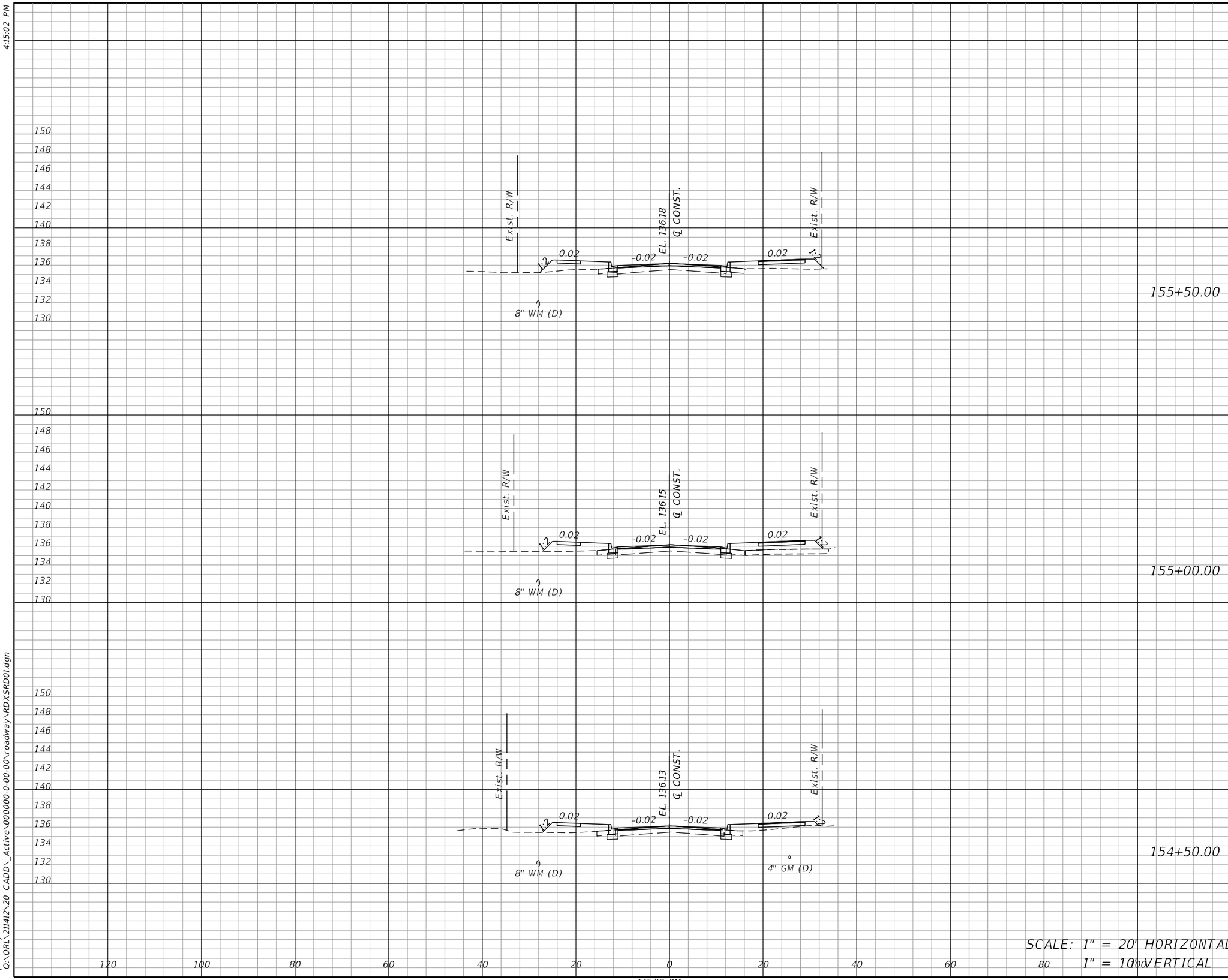

Regular Exc.		Embankment	
A	V	A	V

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

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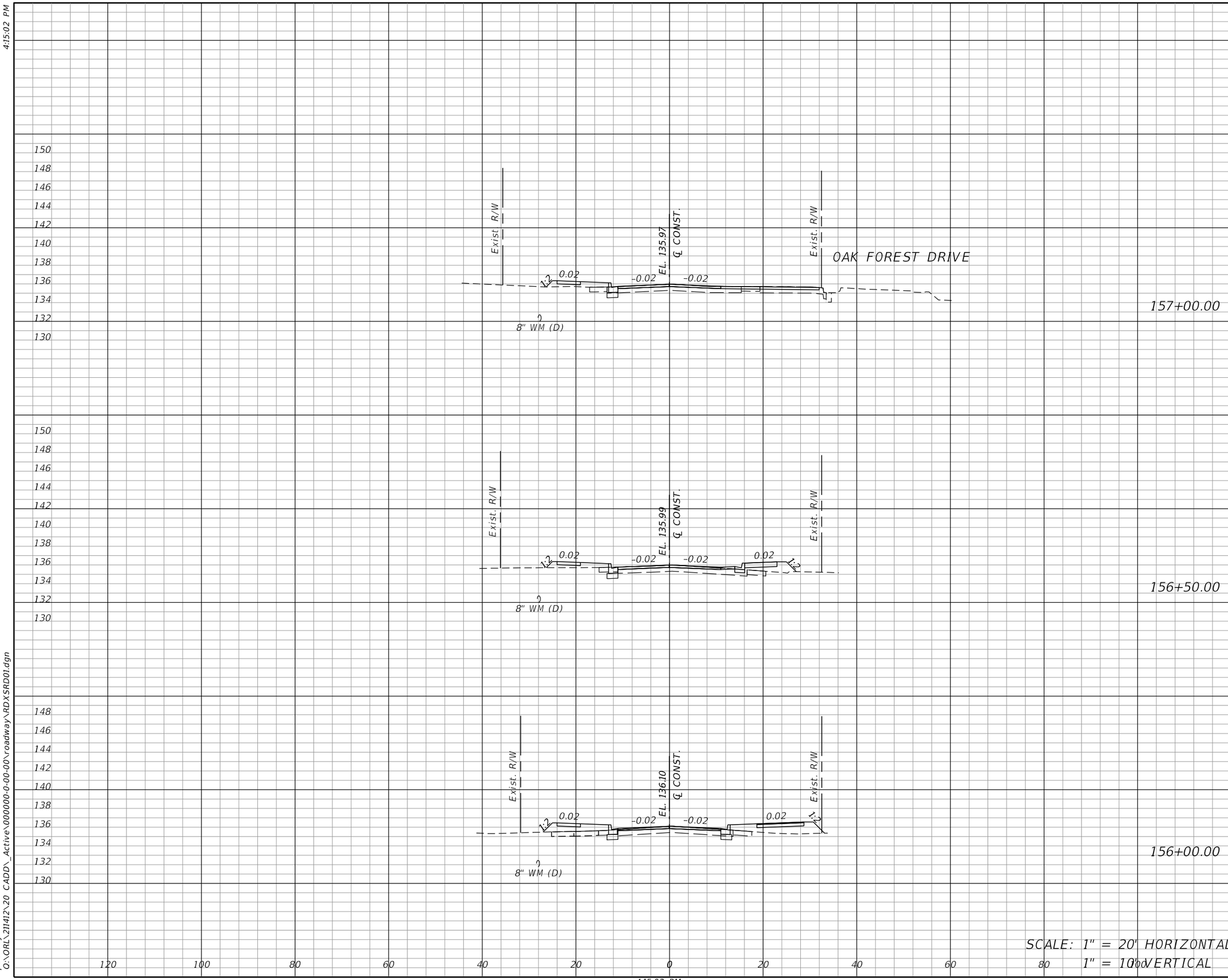

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REG. FLA. ENG. NO.: 86552

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DISTRICT: 3 & 4

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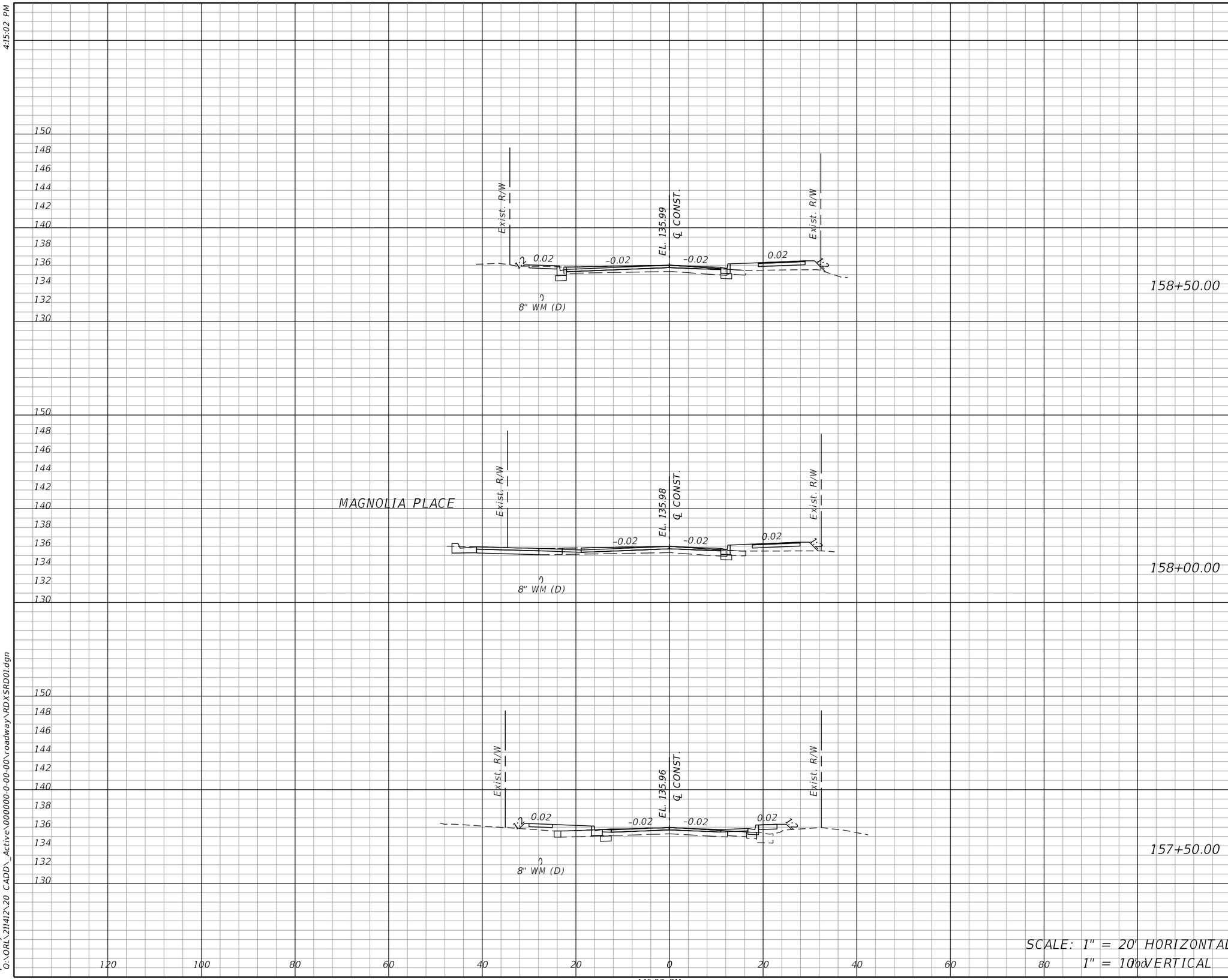

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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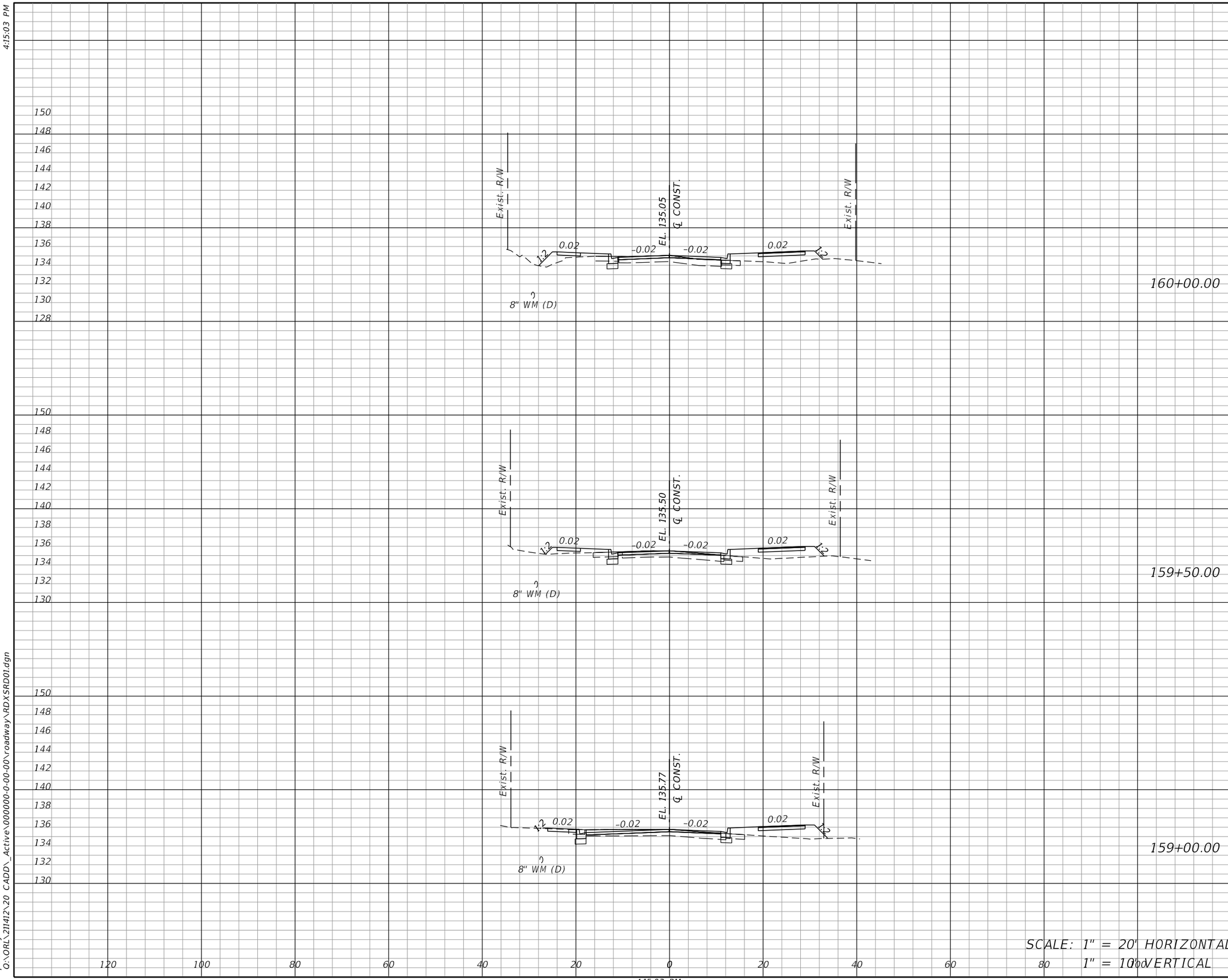

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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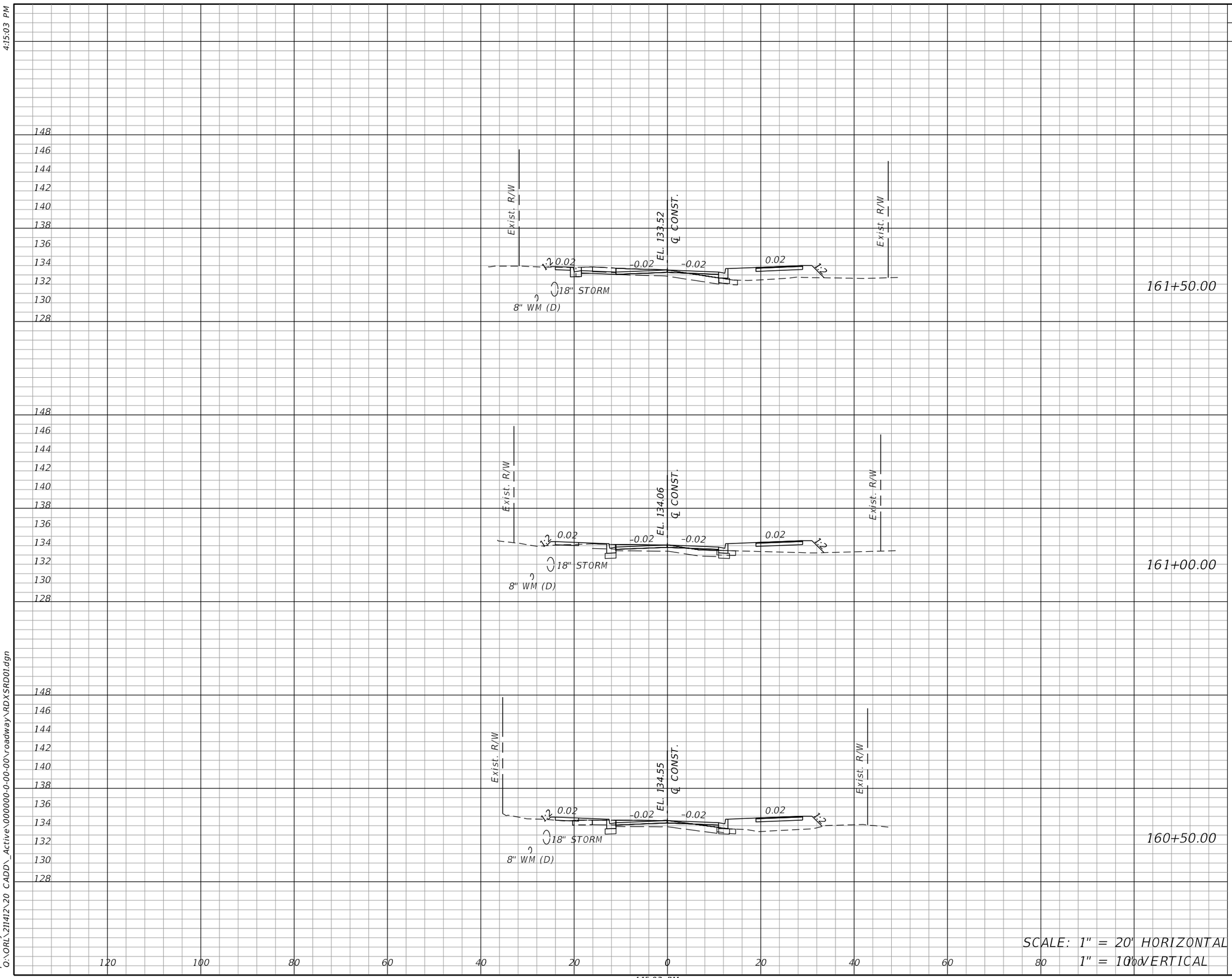

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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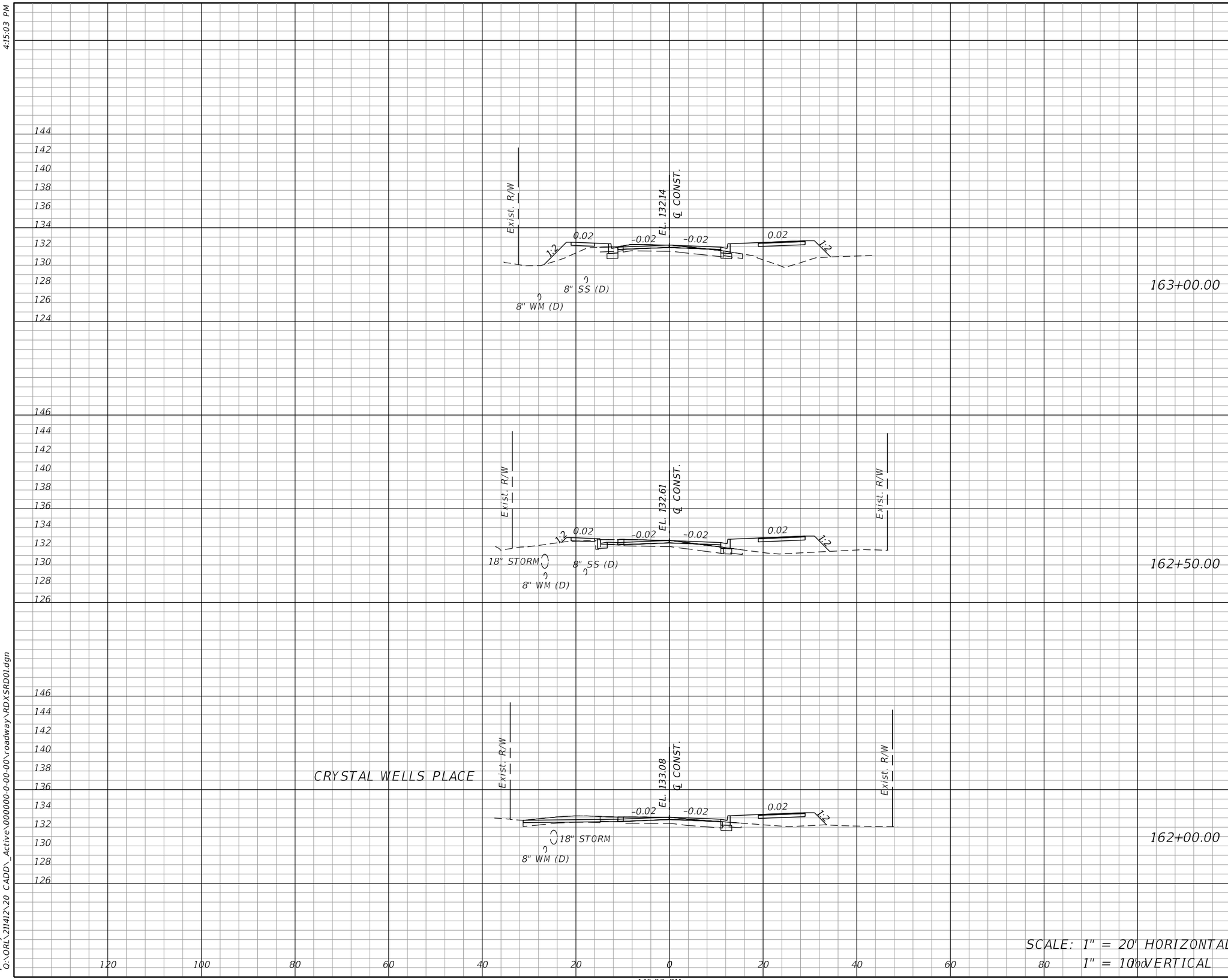

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

ENGINEER OF RECORD: ALEXANDER J. WELFLE

REG. FLA. ENG. NO.: 86552

PHONE NUMBER: (850) 815-3040

DRAWN BY: PD

DESIGNED BY: AW

CHECKED BY: JH

DATE: 2/2/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

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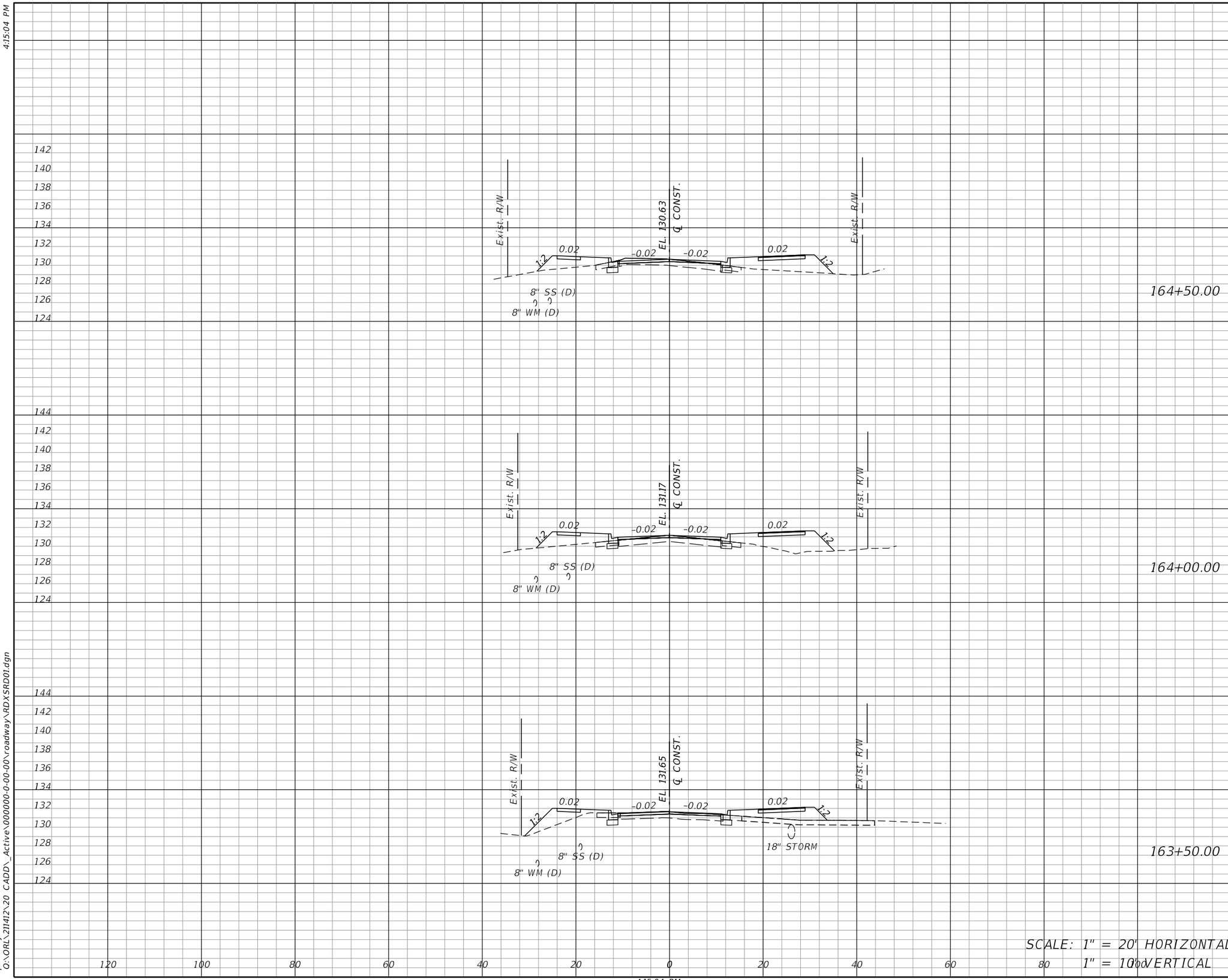

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040
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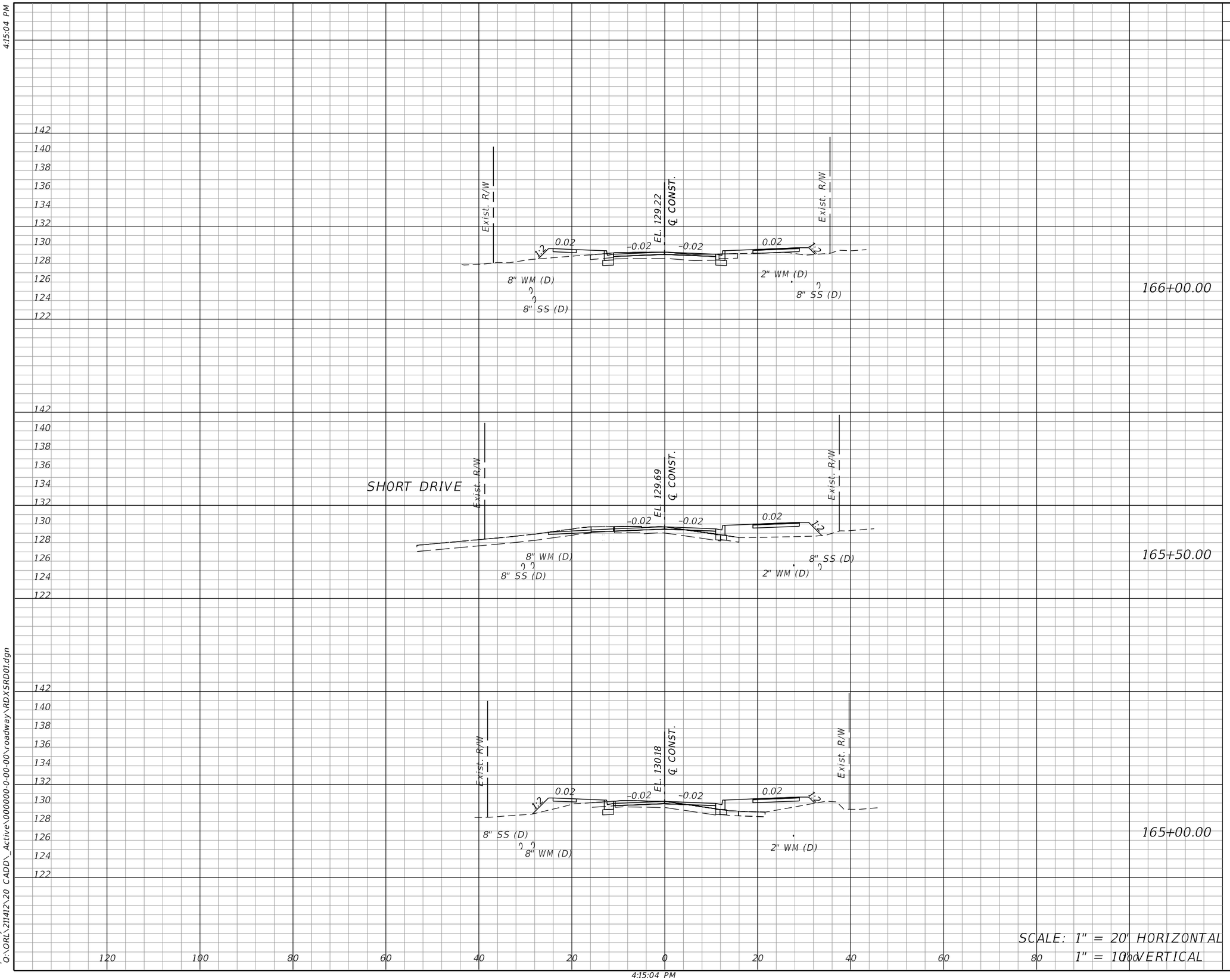

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 5 & 4	REG. FLA. ENG. NO.: 86552
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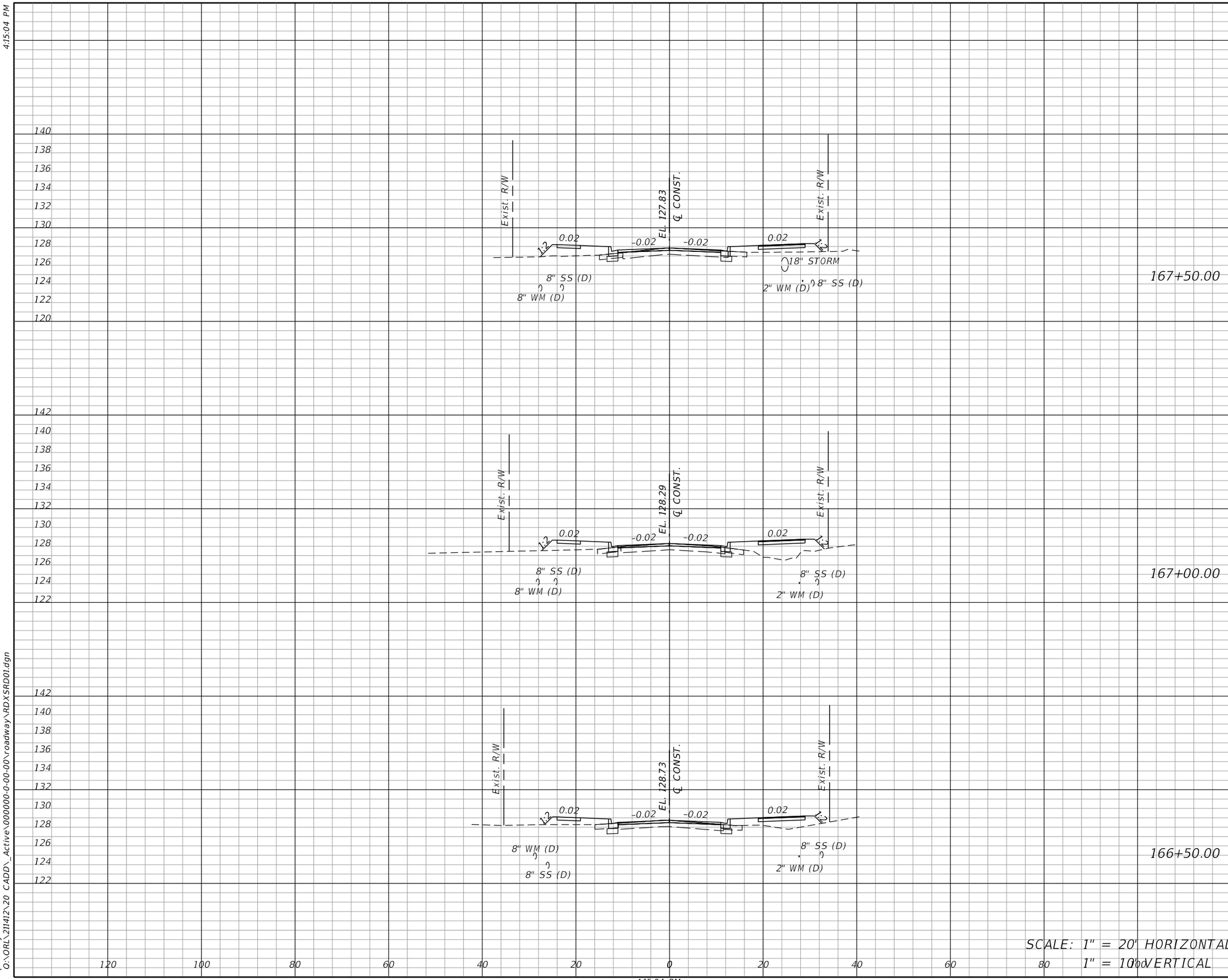

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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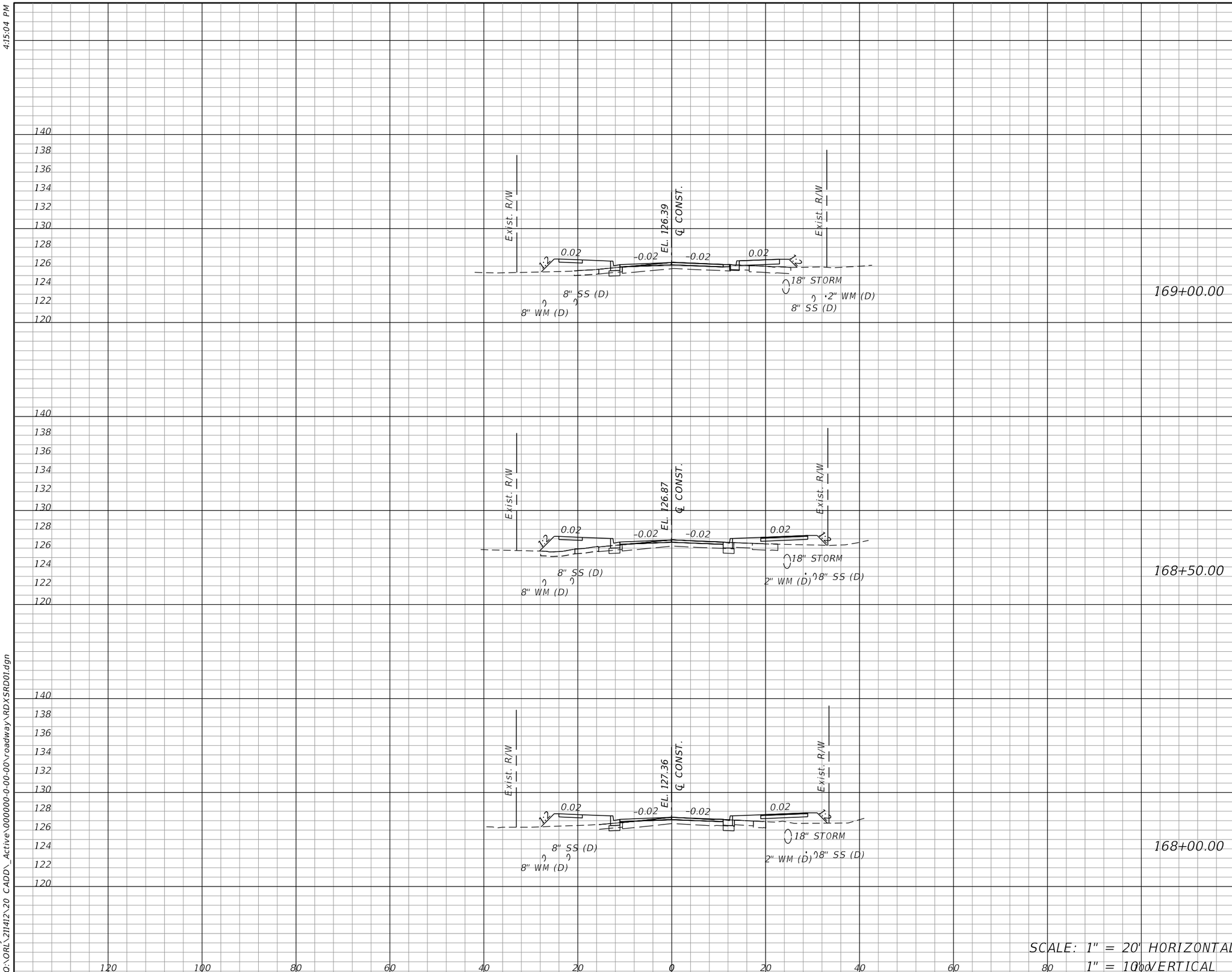

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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Regular Exc.		Embankment	
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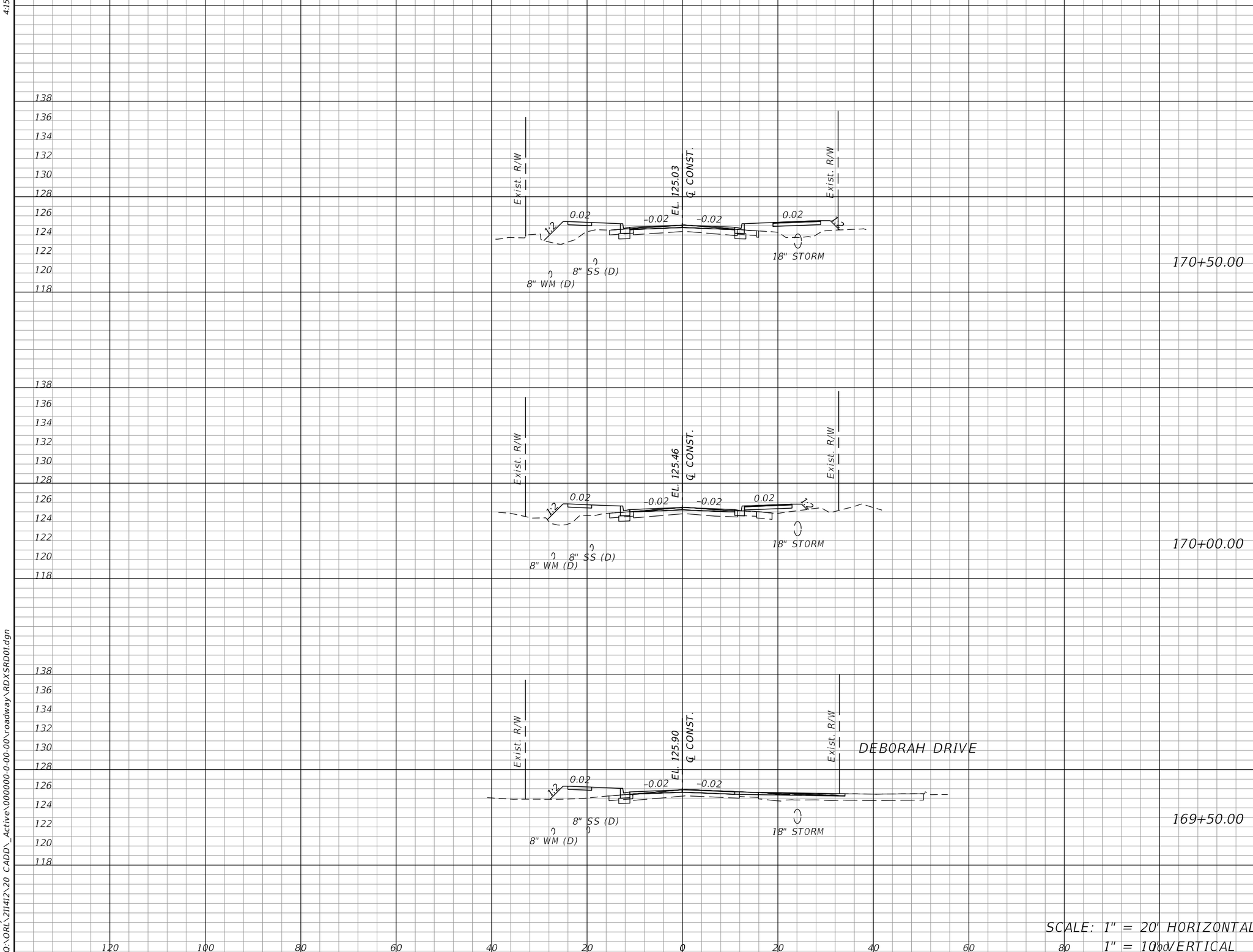

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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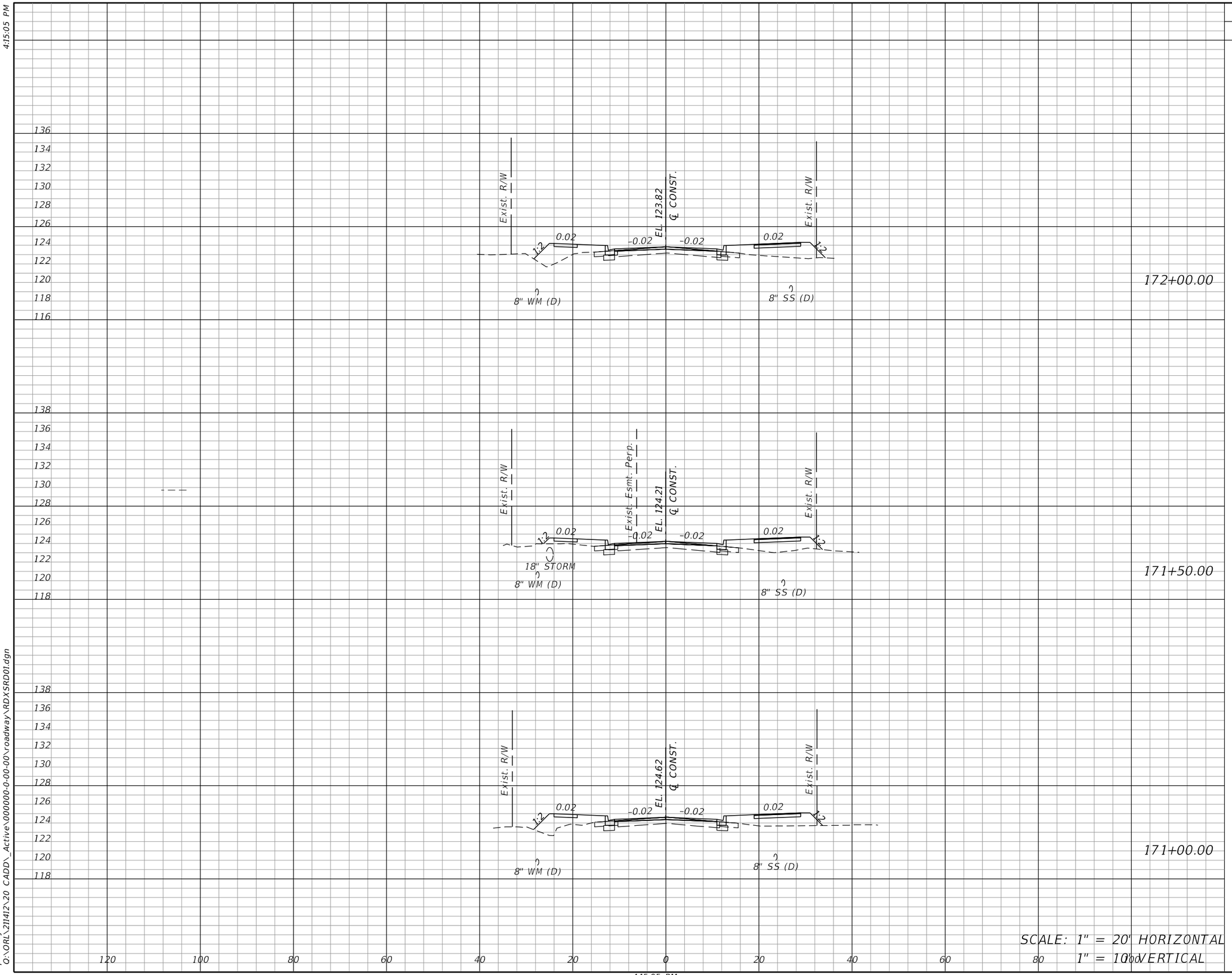

Regular Exc.		Embankment	
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OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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ENGINEER OF RECORD: ALEXANDER J. WELFLE

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DISTRICT: 3 & 4

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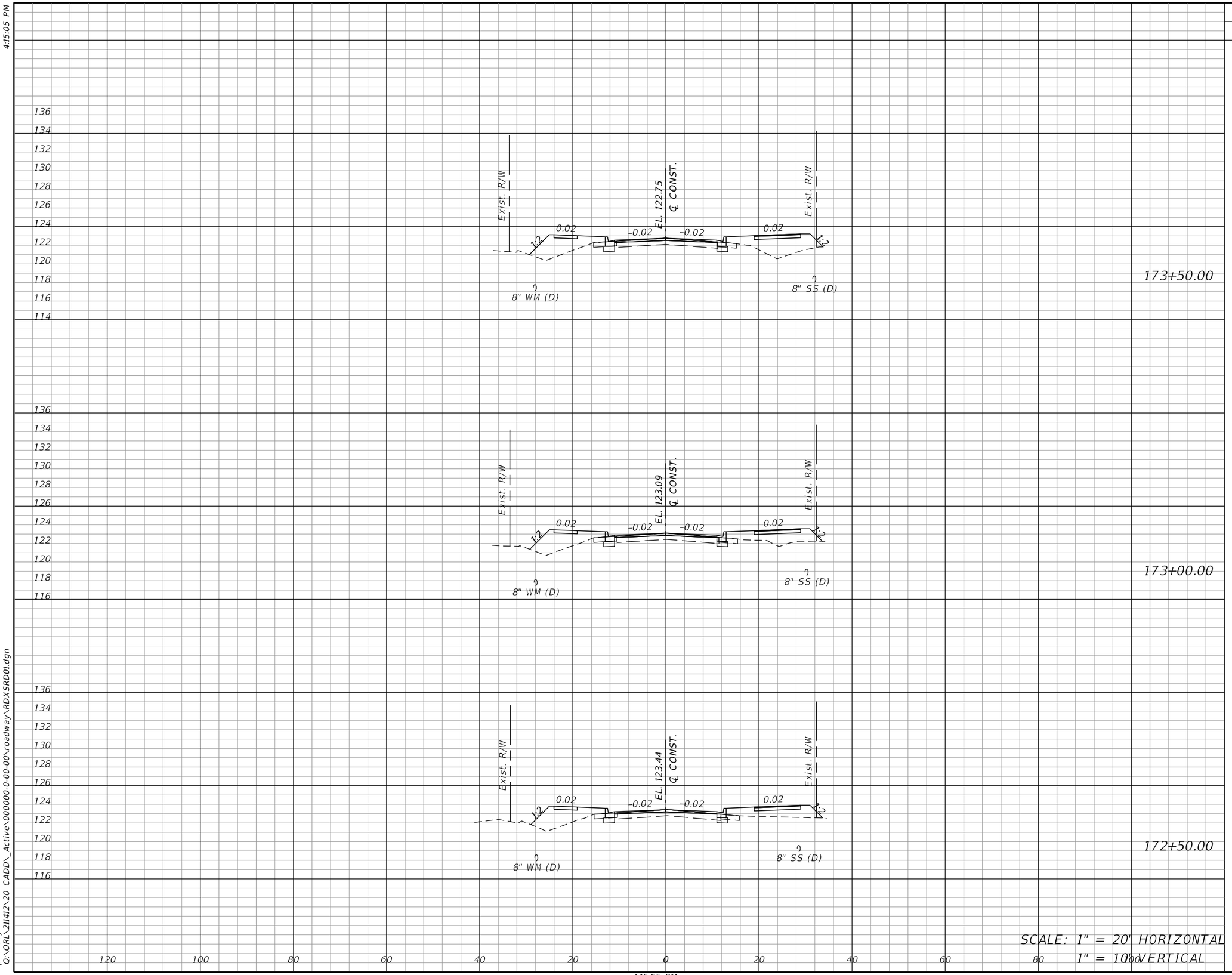

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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DISTRICT: 3 & 4

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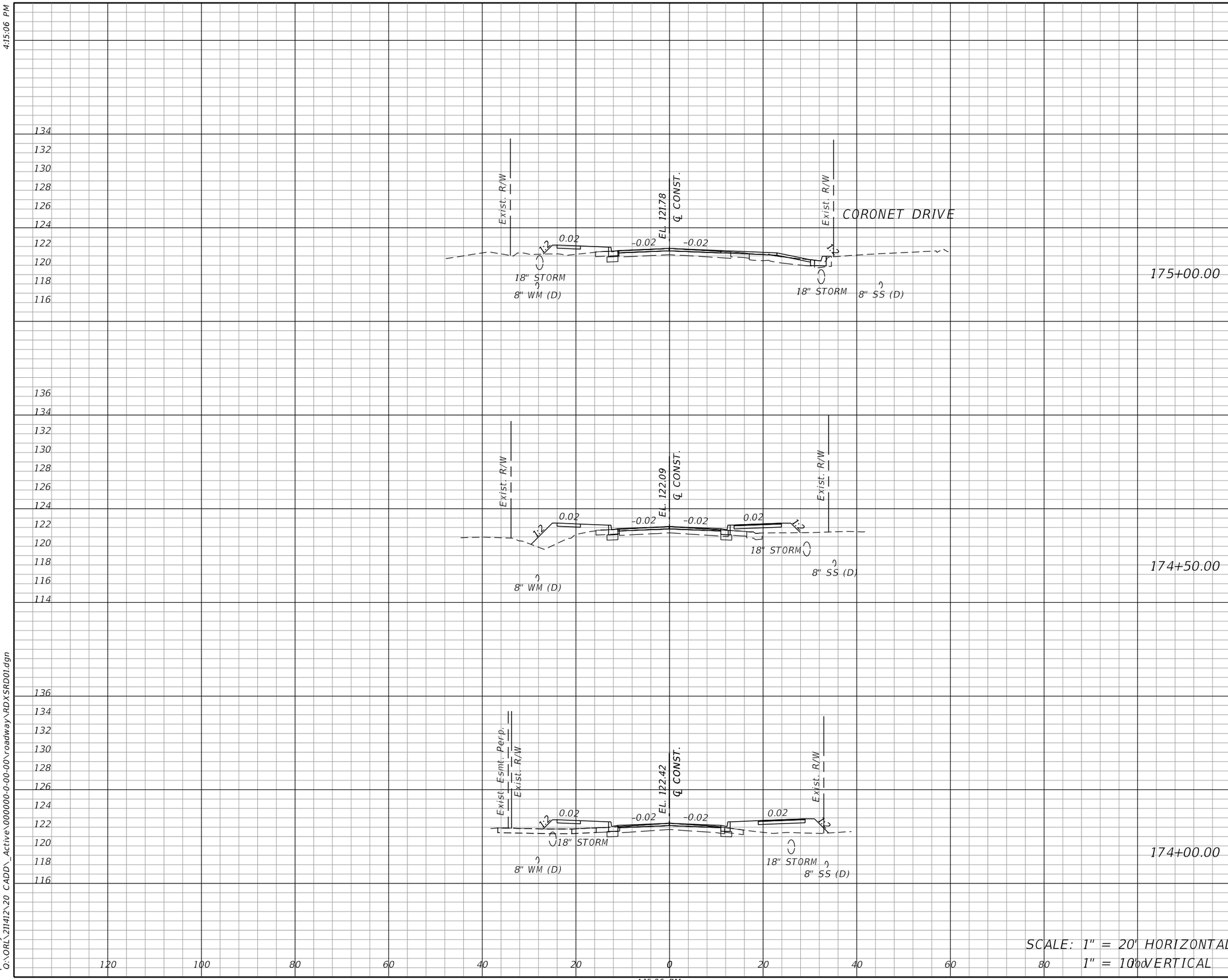

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

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DISTRICT: 3 & 4

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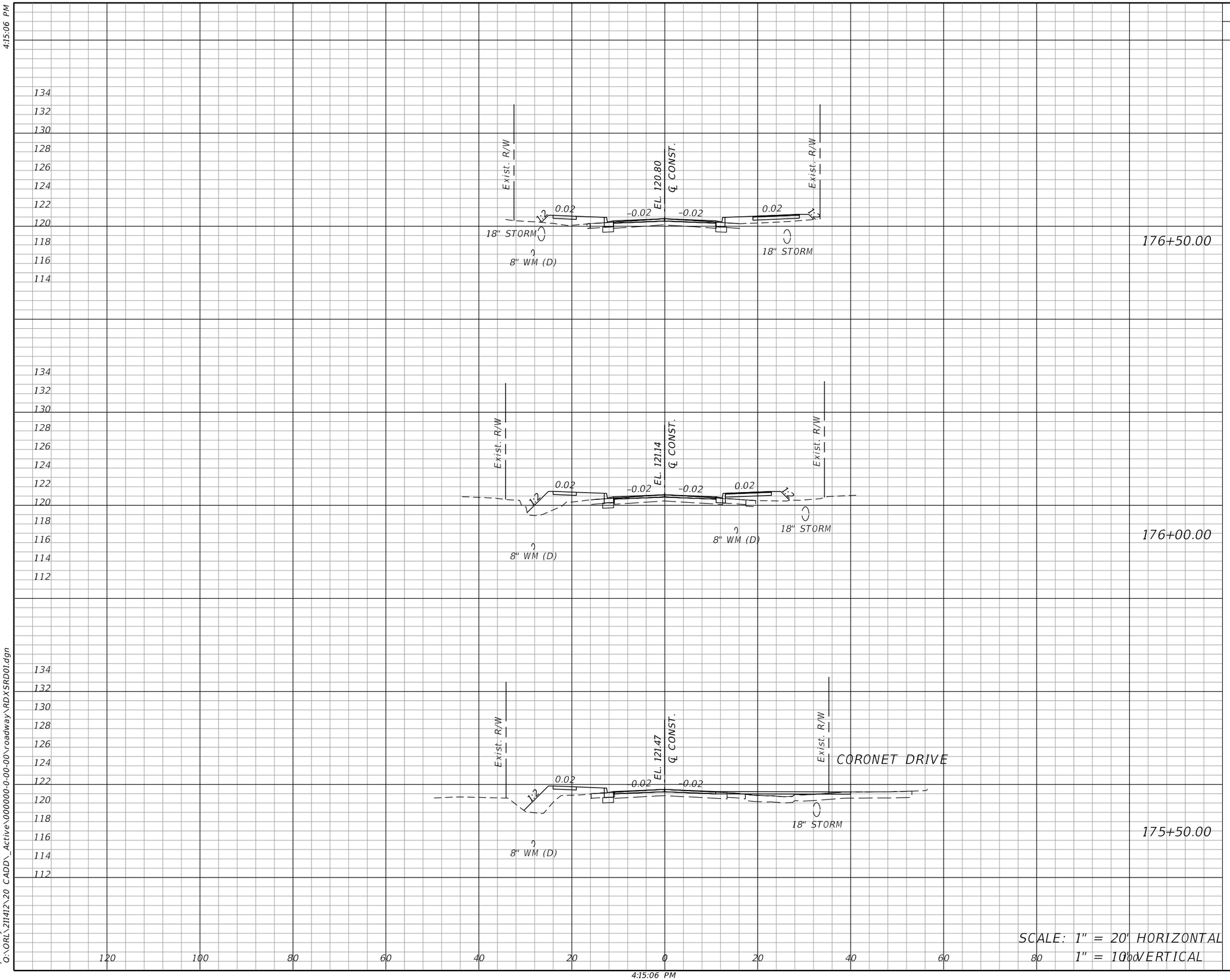

OLIVE ROAD STREET IMPROVEMENT PROJECT

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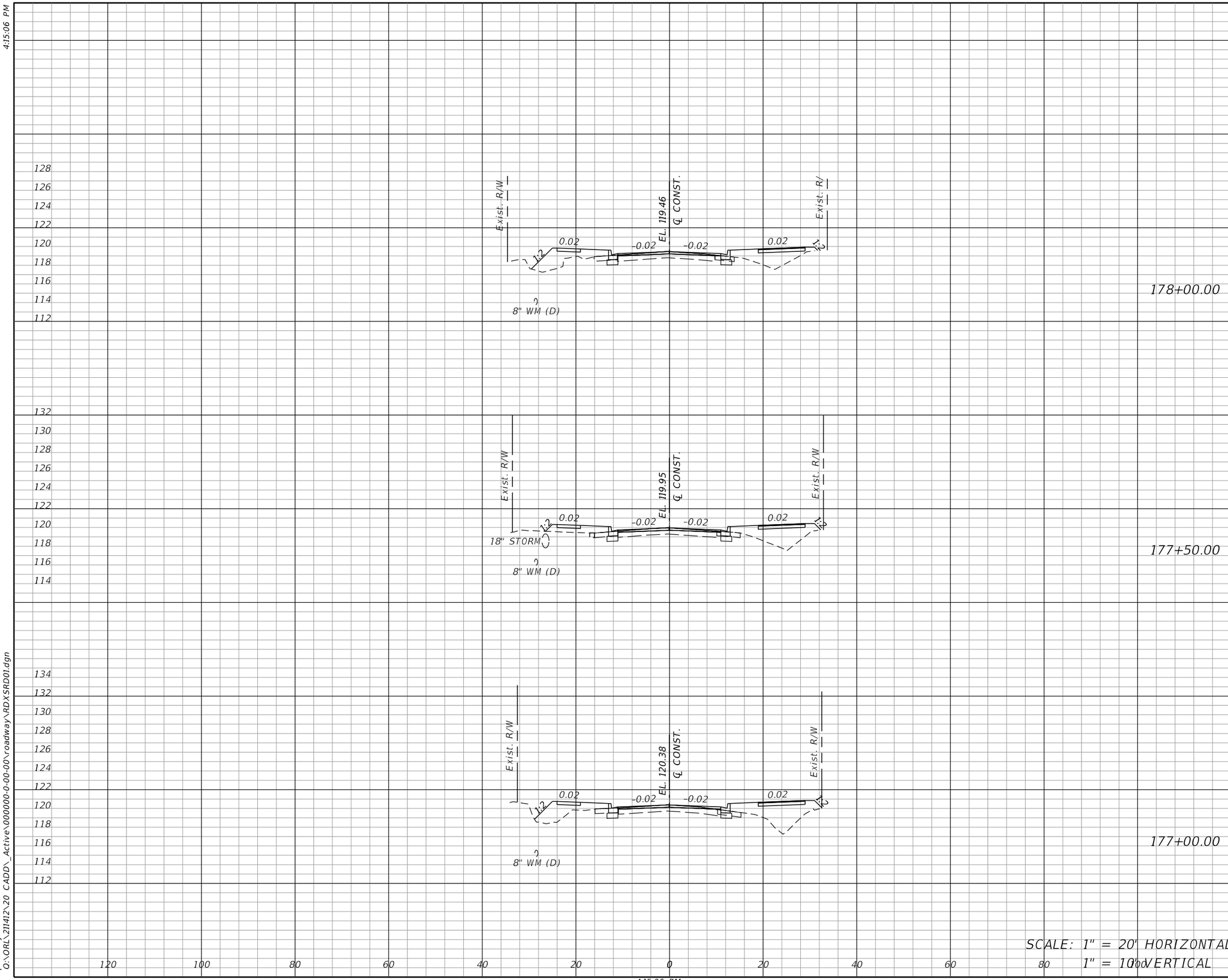

OLIVE ROAD STREET IMPROVEMENT PROJECT

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DISTRICT: 3 & 4

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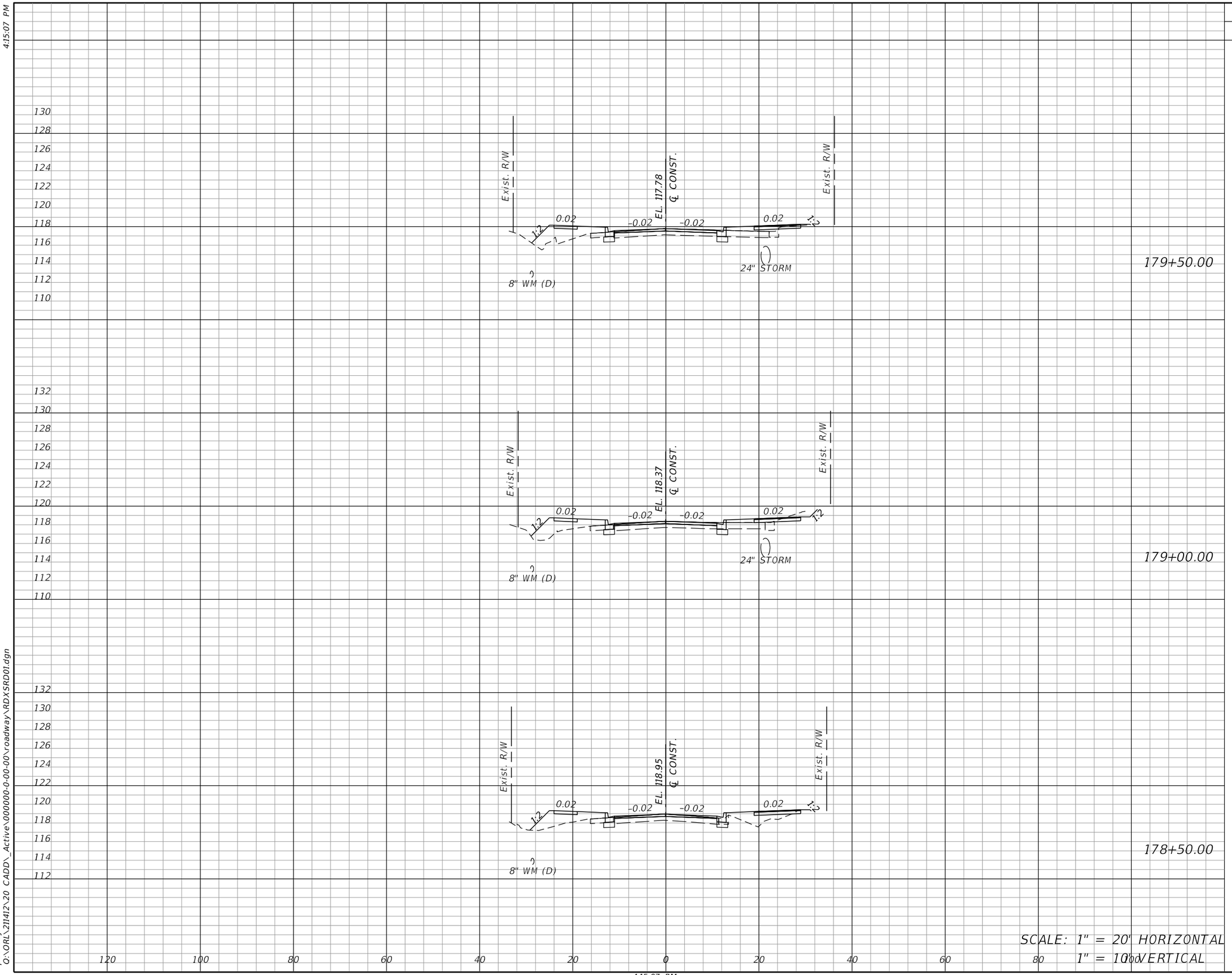

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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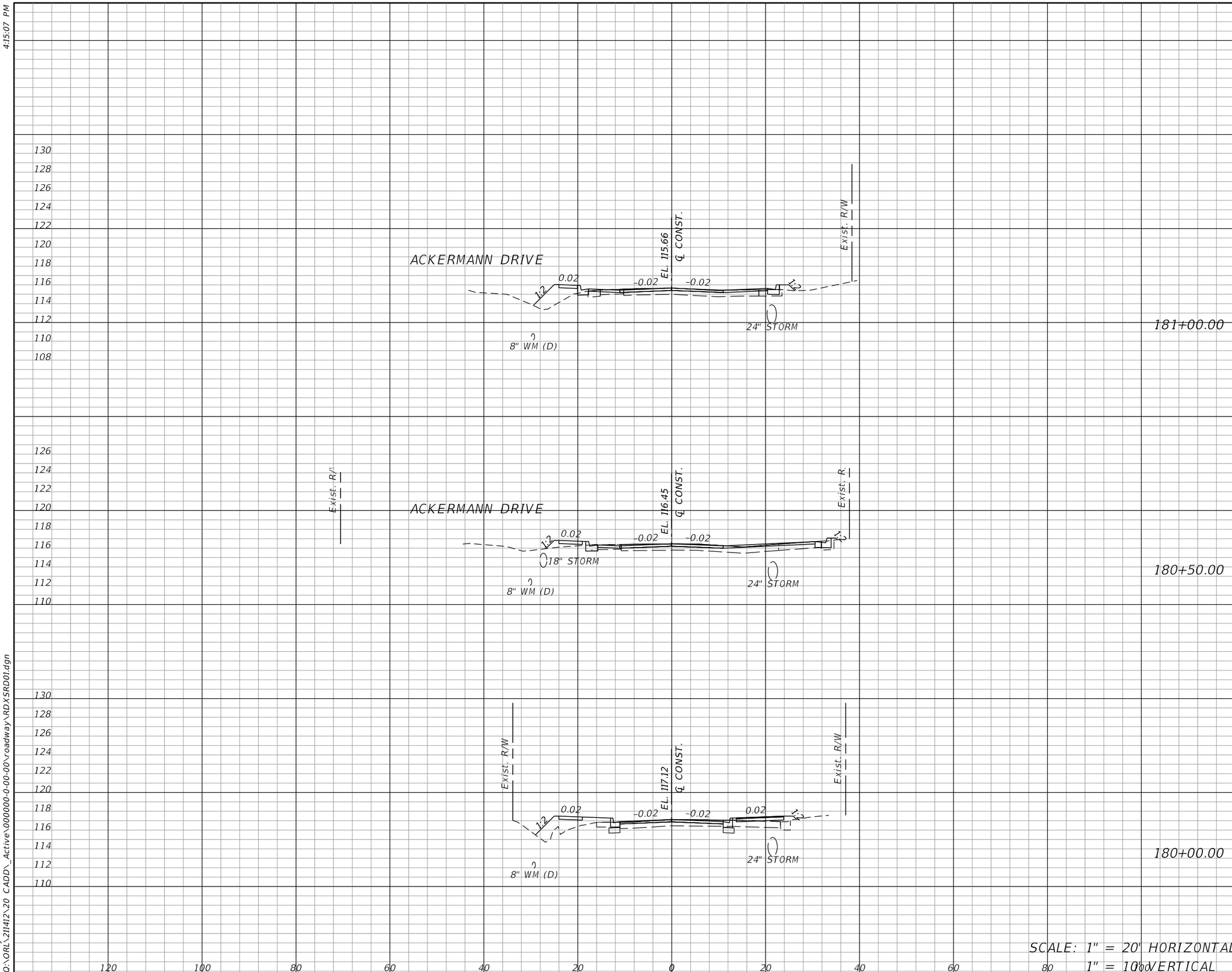

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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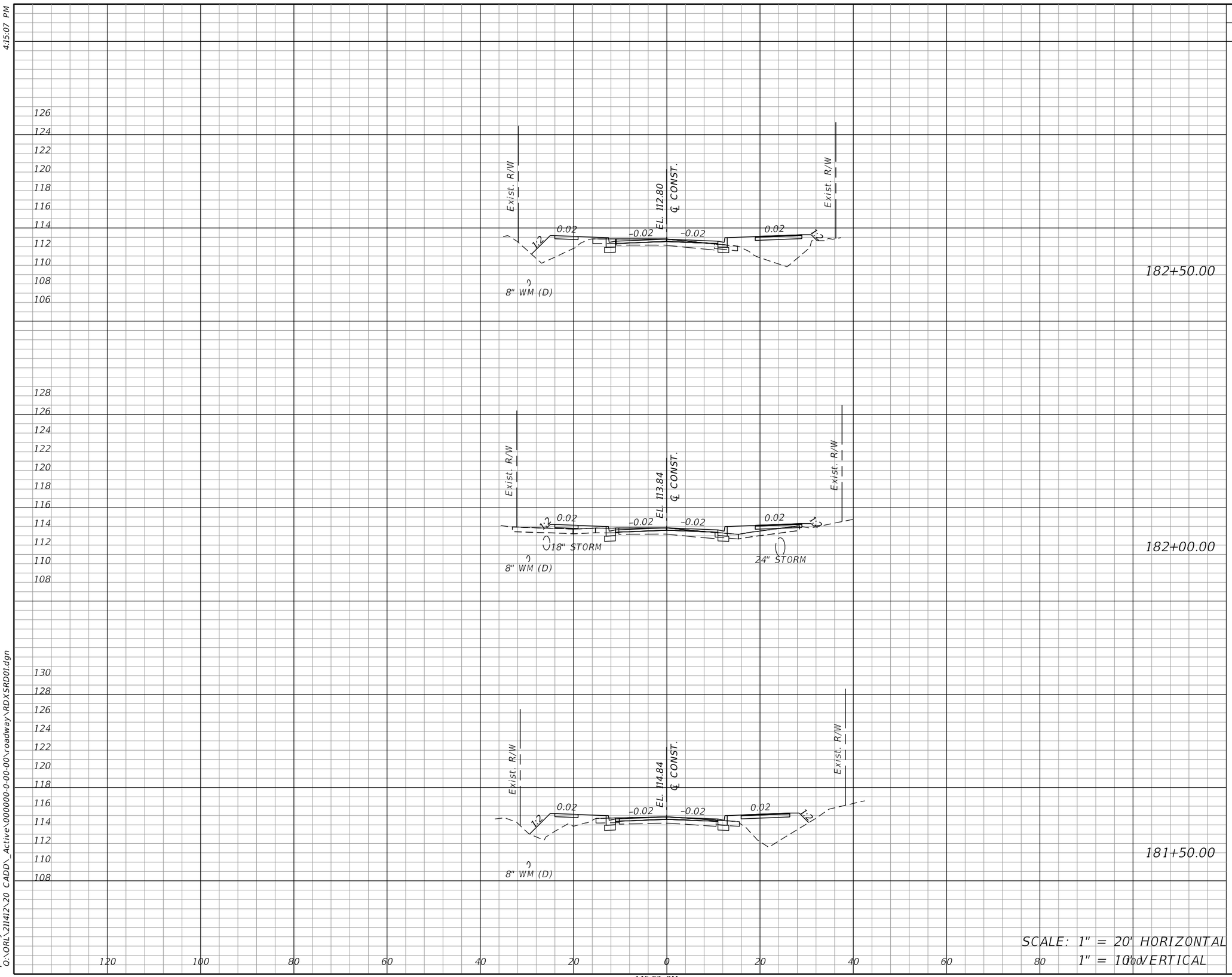

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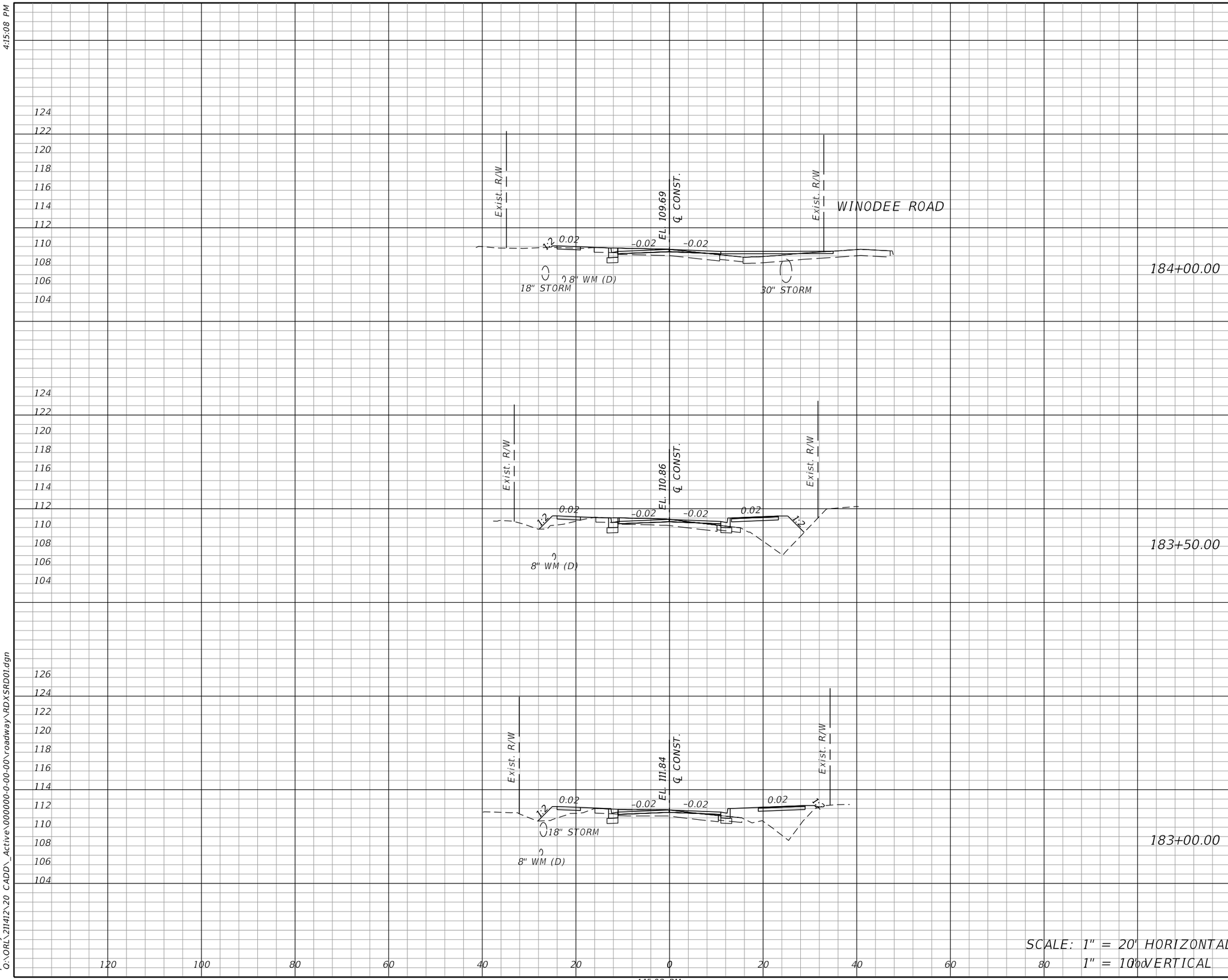

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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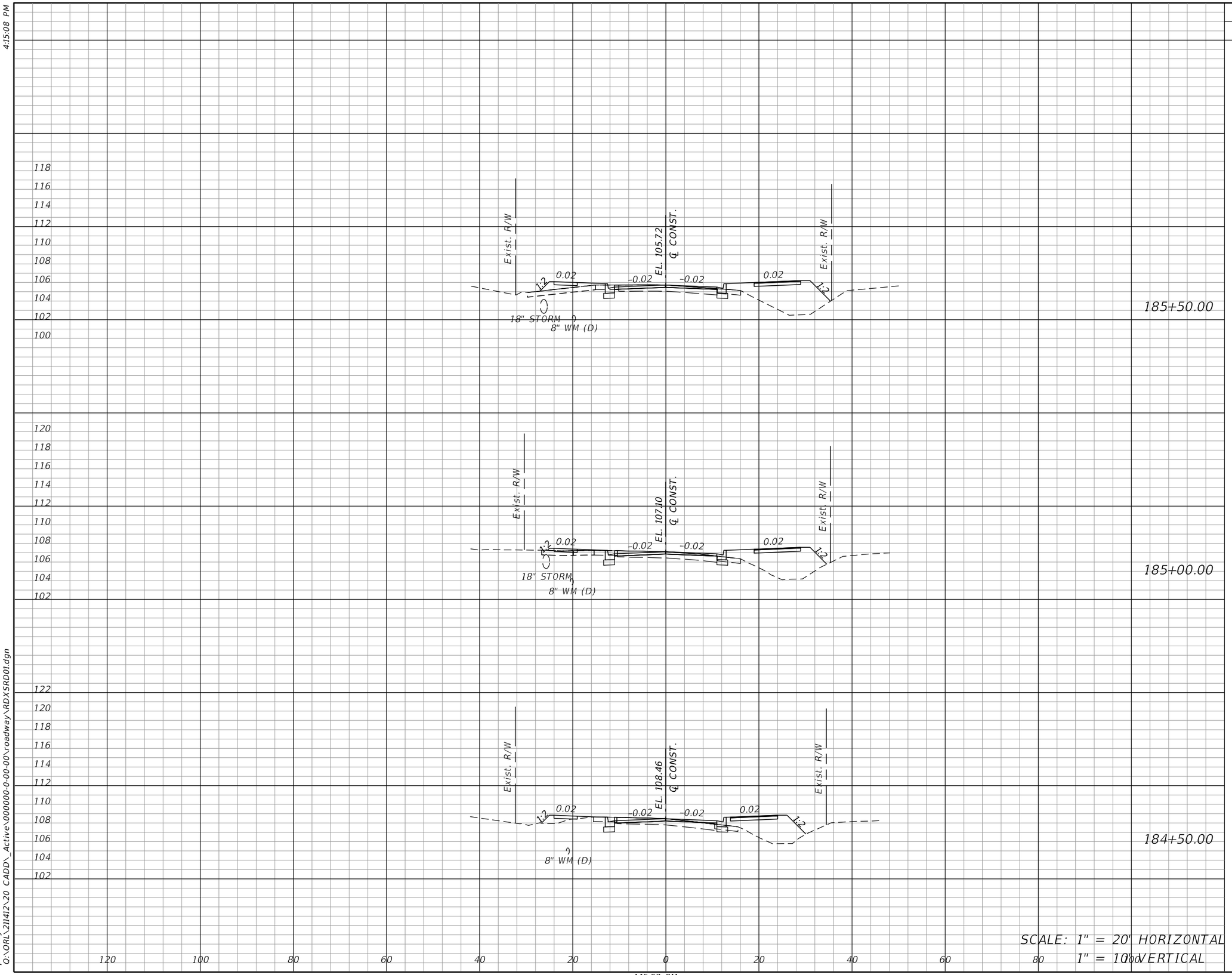

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD | DESIGNED BY: AW | CHECKED BY: JH | ENGINEER OF RECORD: ALEXANDER J. WELFLE

DATE: 2/2/2022 | PROJECT MANAGER: DENISE C. BREWER | DISTRICT: 3 & 4 | REG. FLA. ENG. NO.: 86552 | PHONE NUMBER: (850) 815-3040

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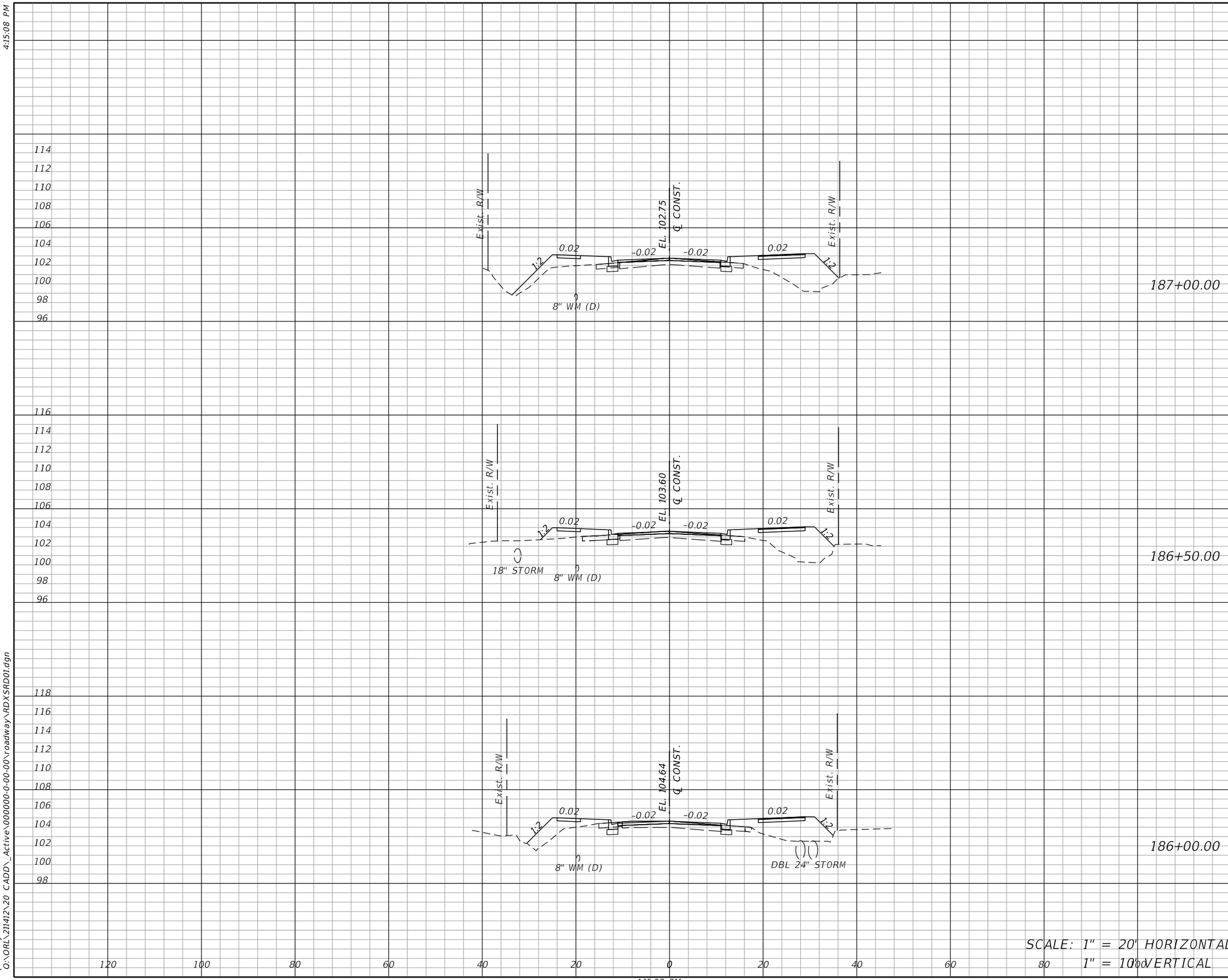

Regular Exc.		Embankment	
A	V	A	V

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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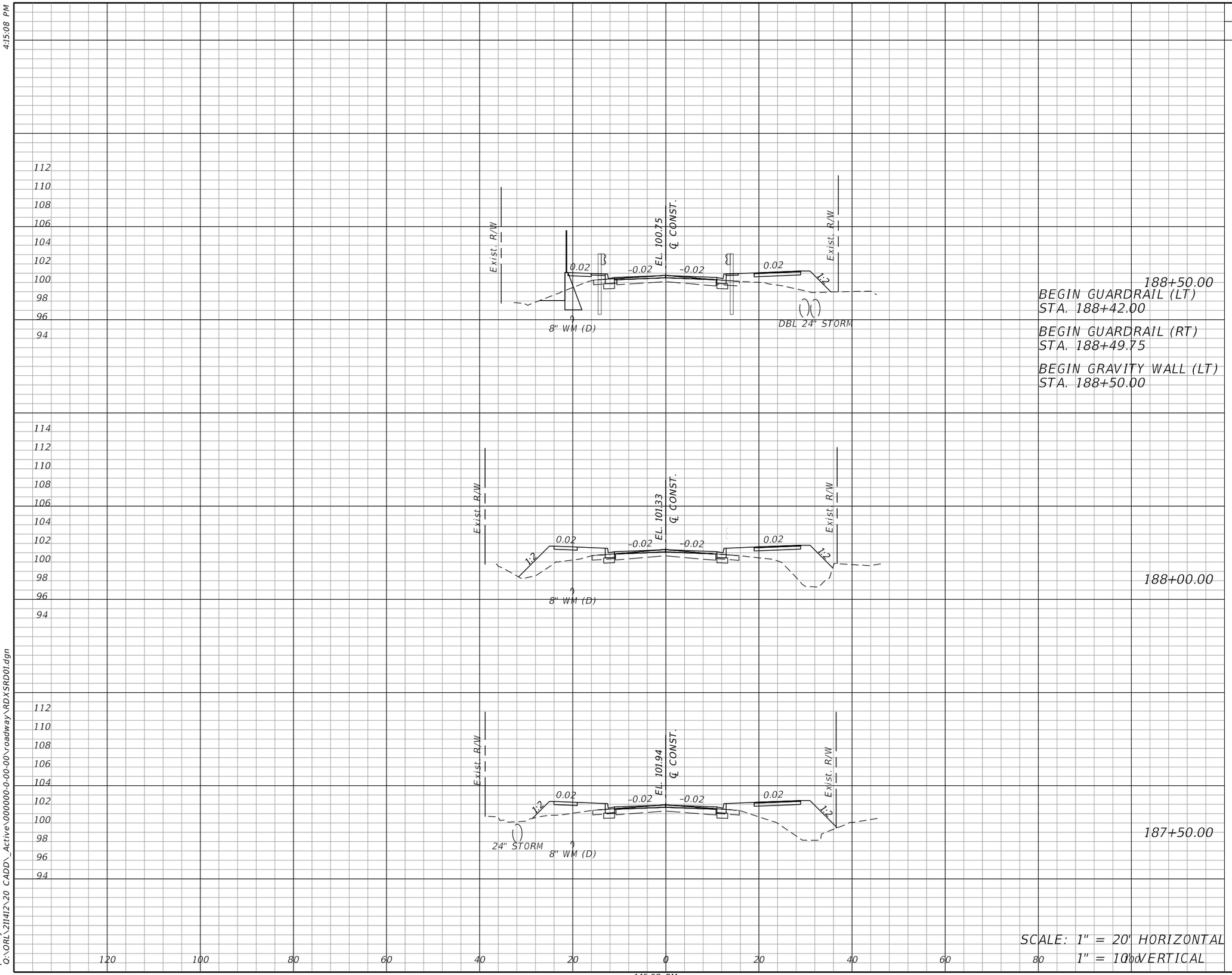

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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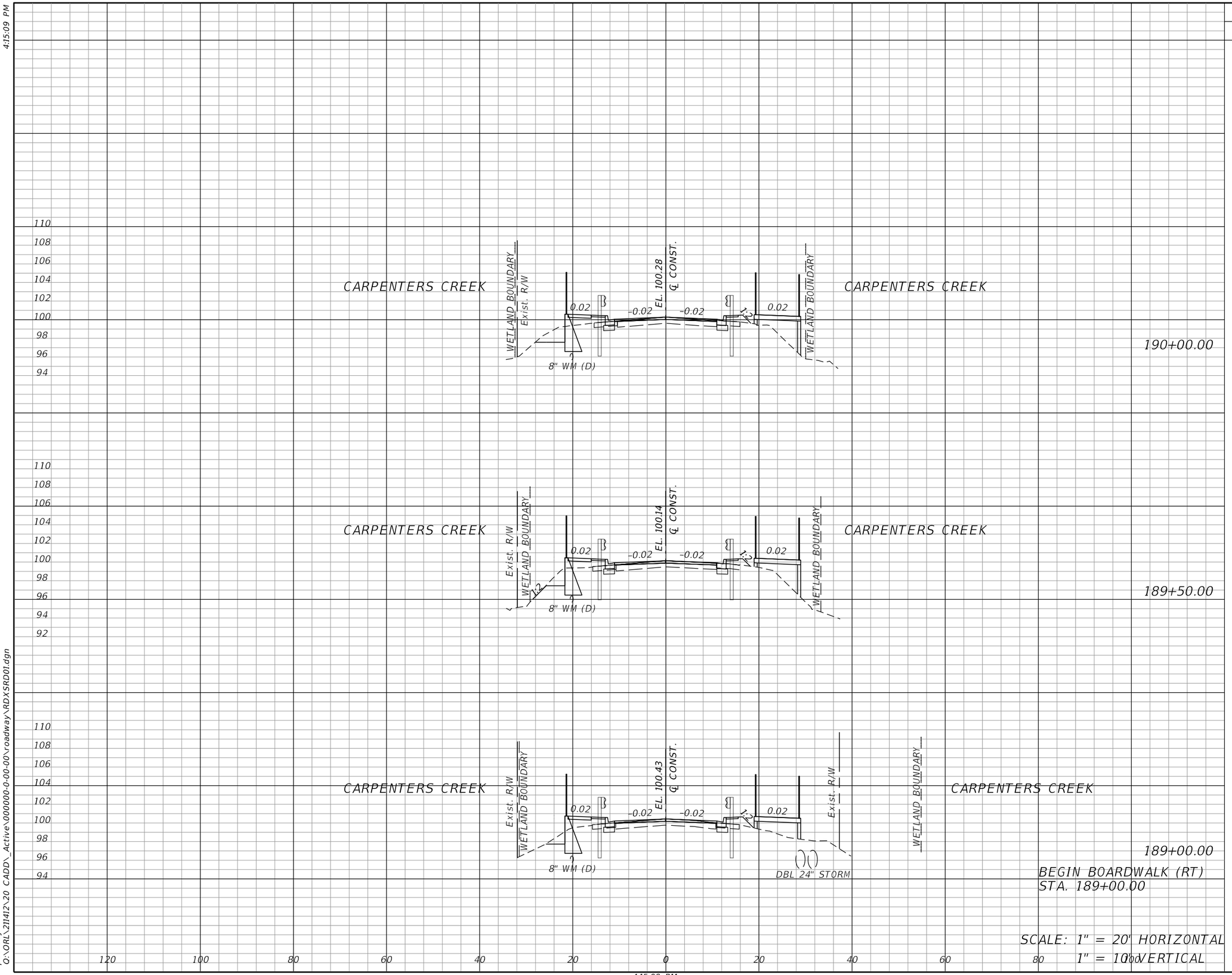

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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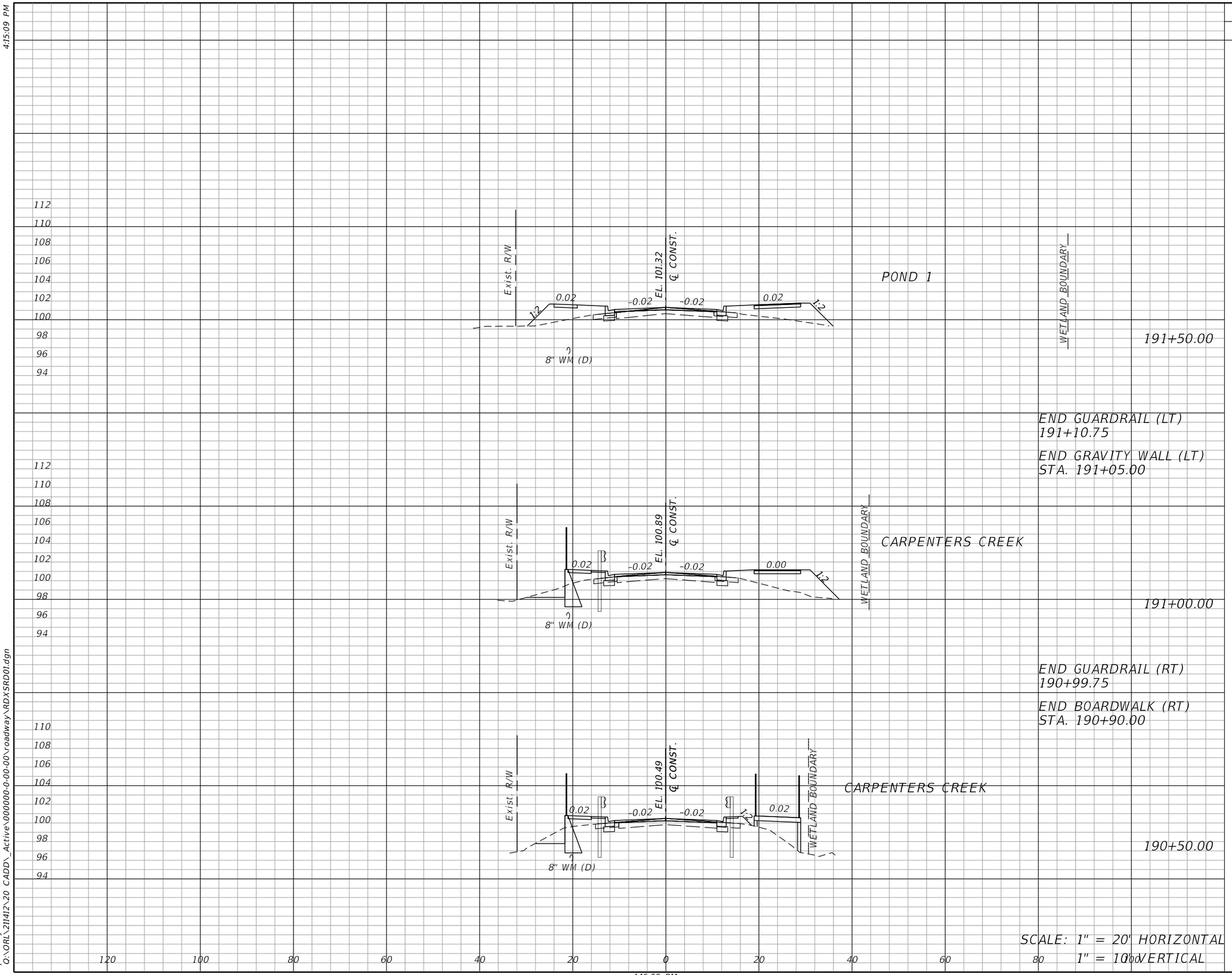

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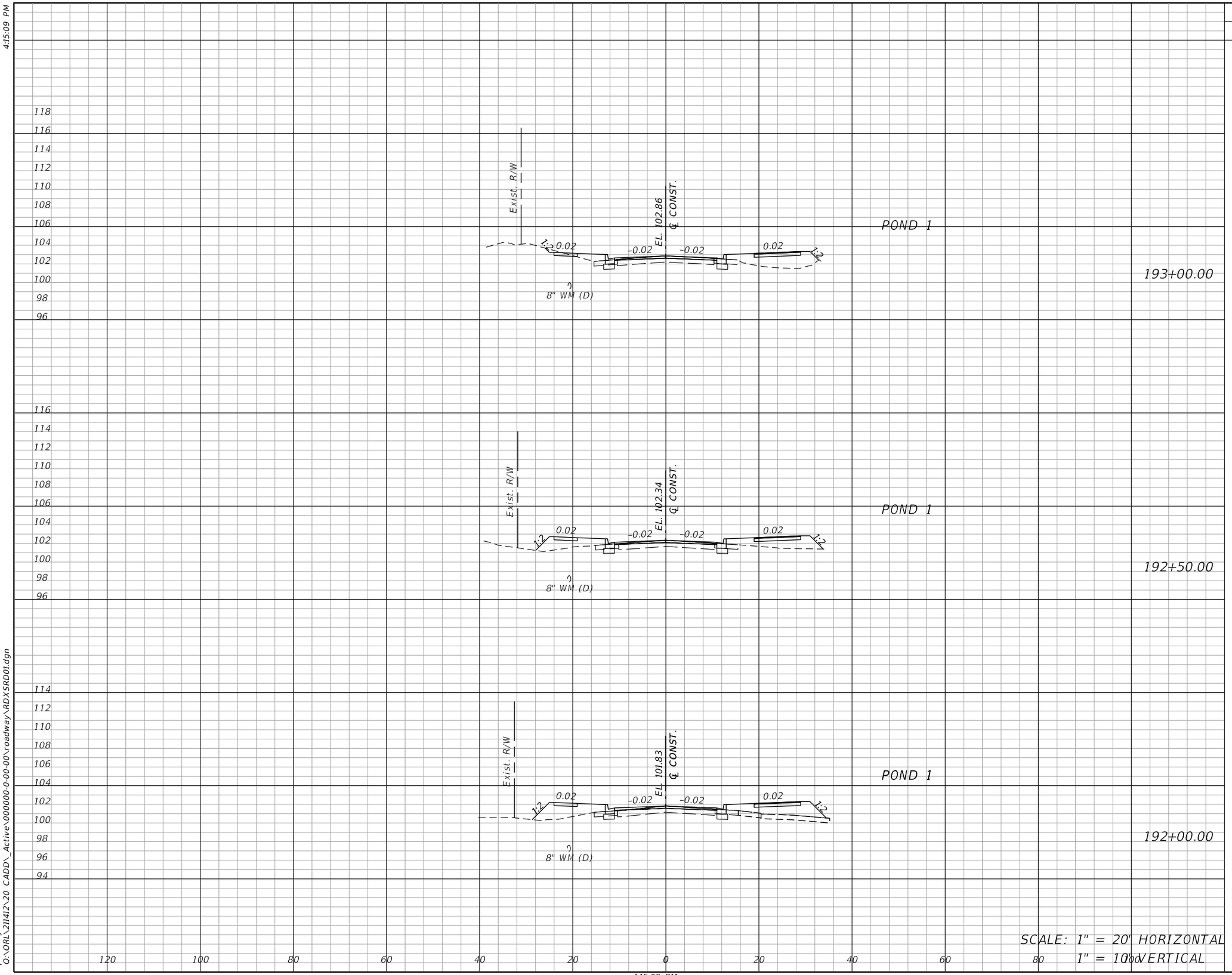

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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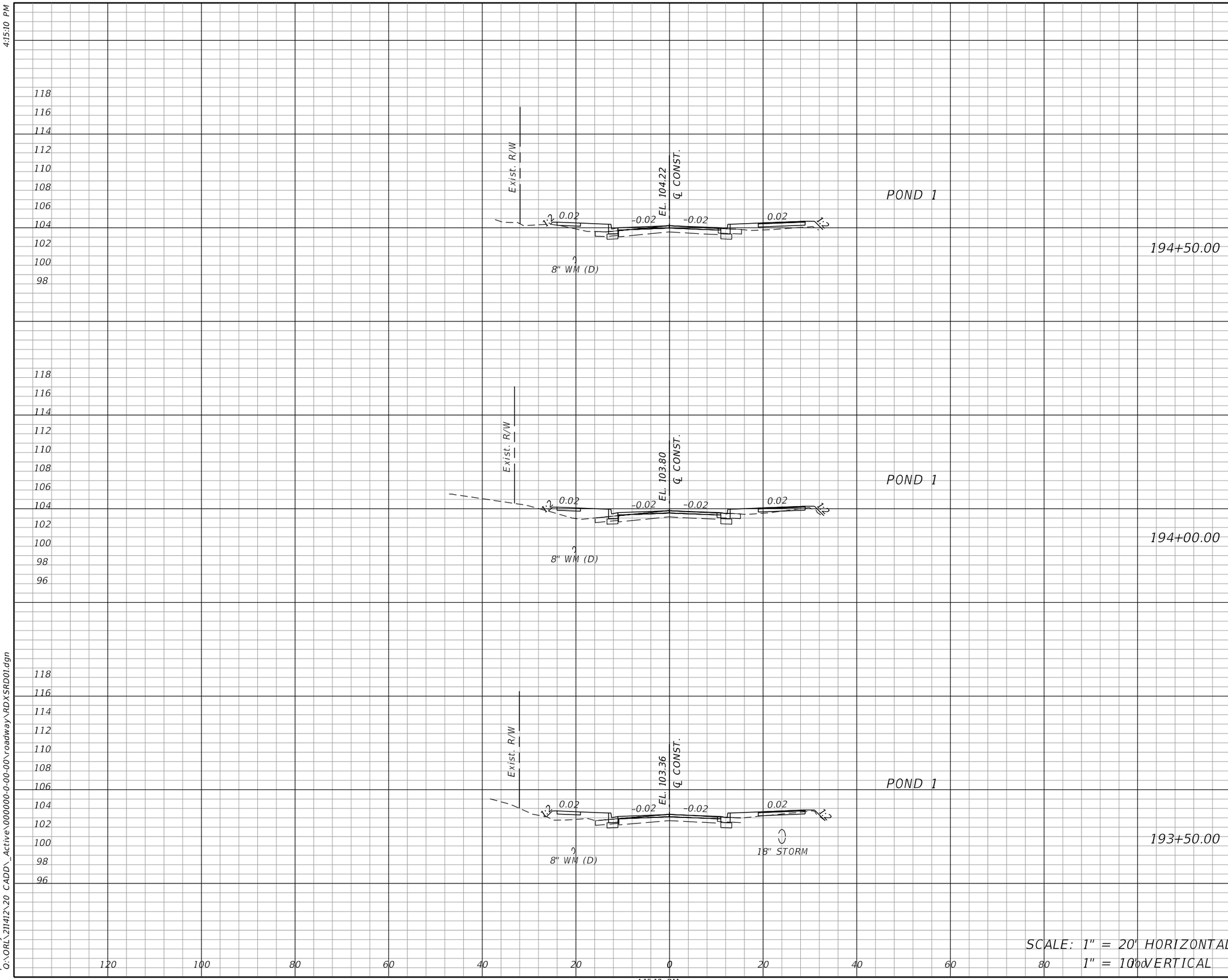

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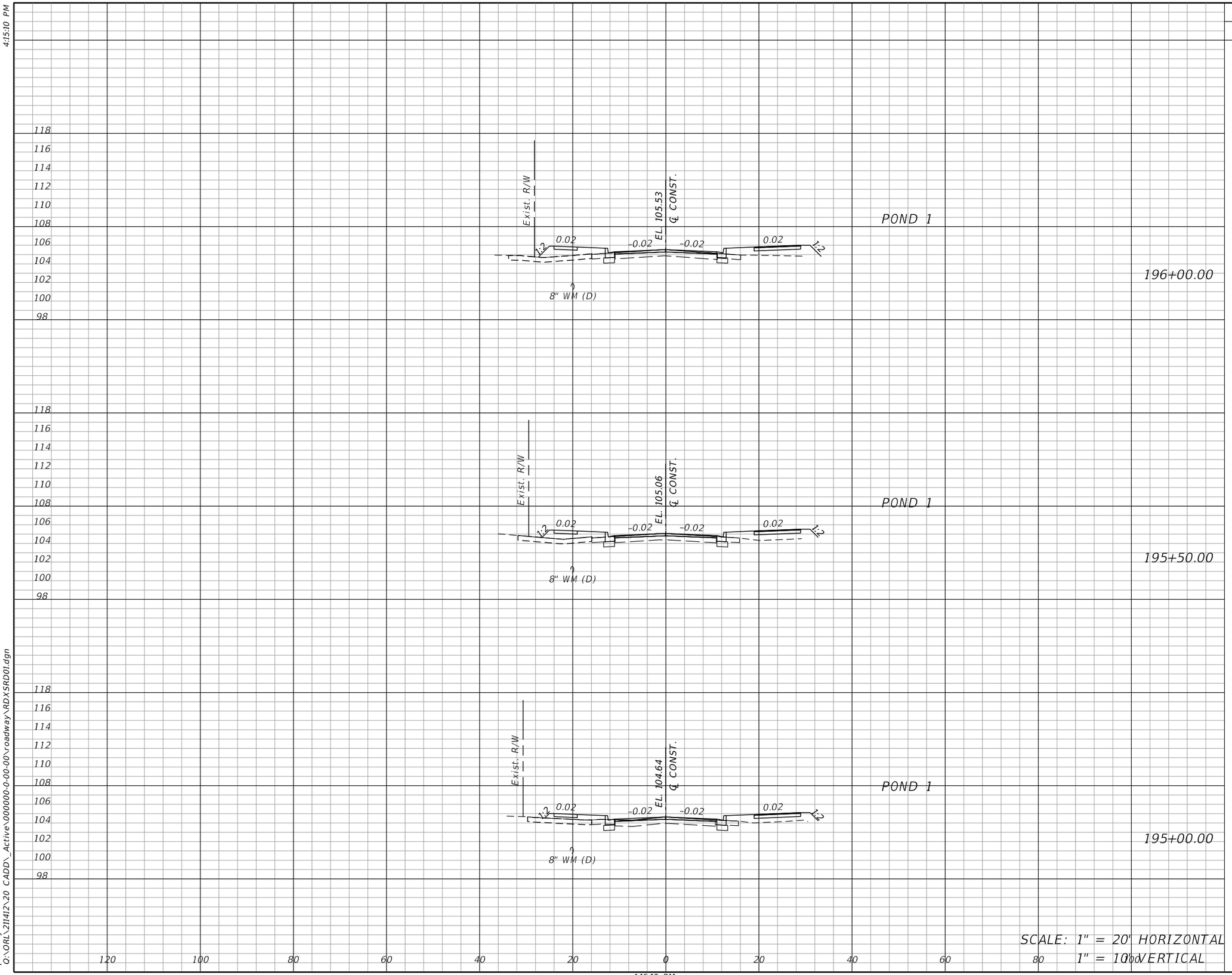

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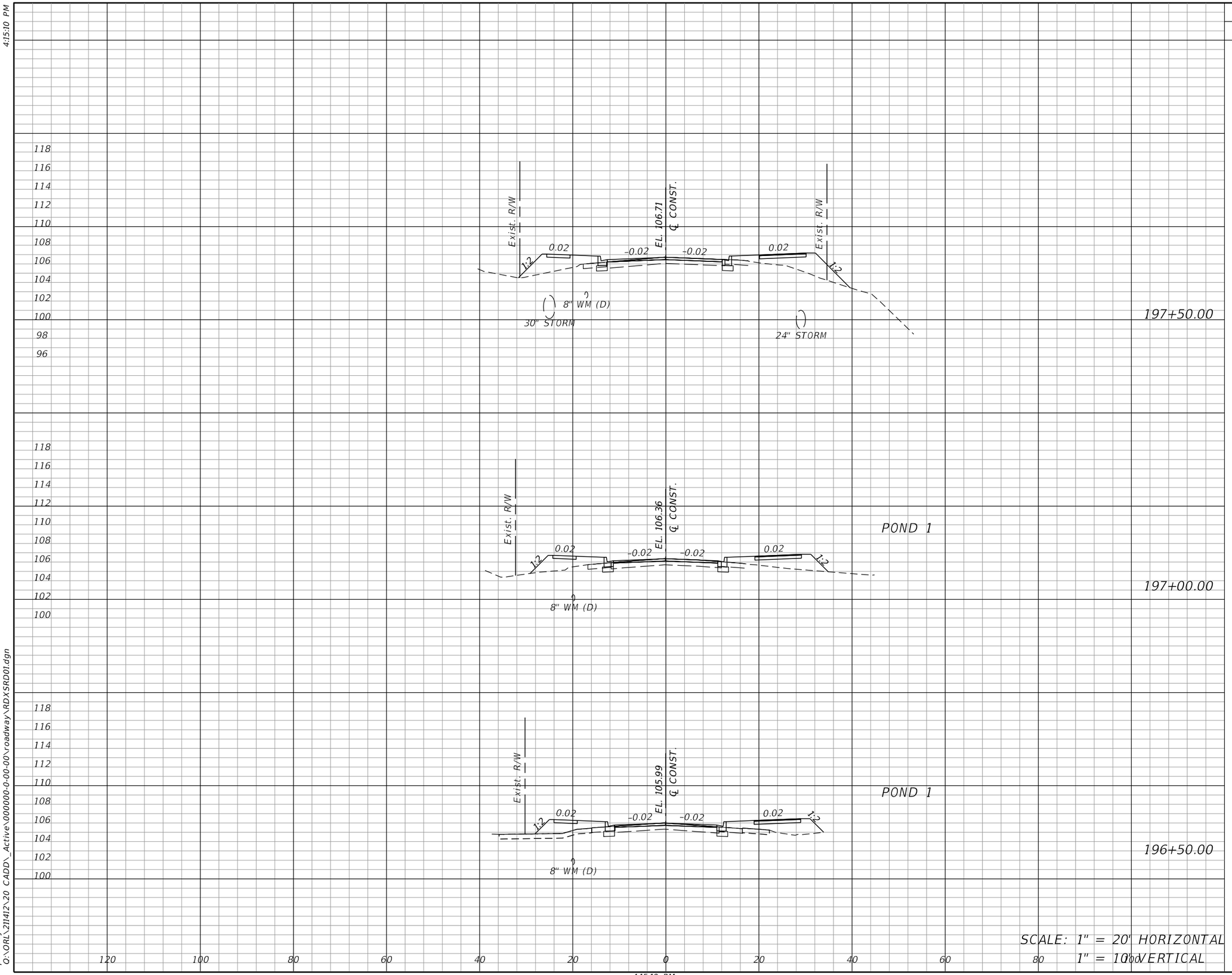

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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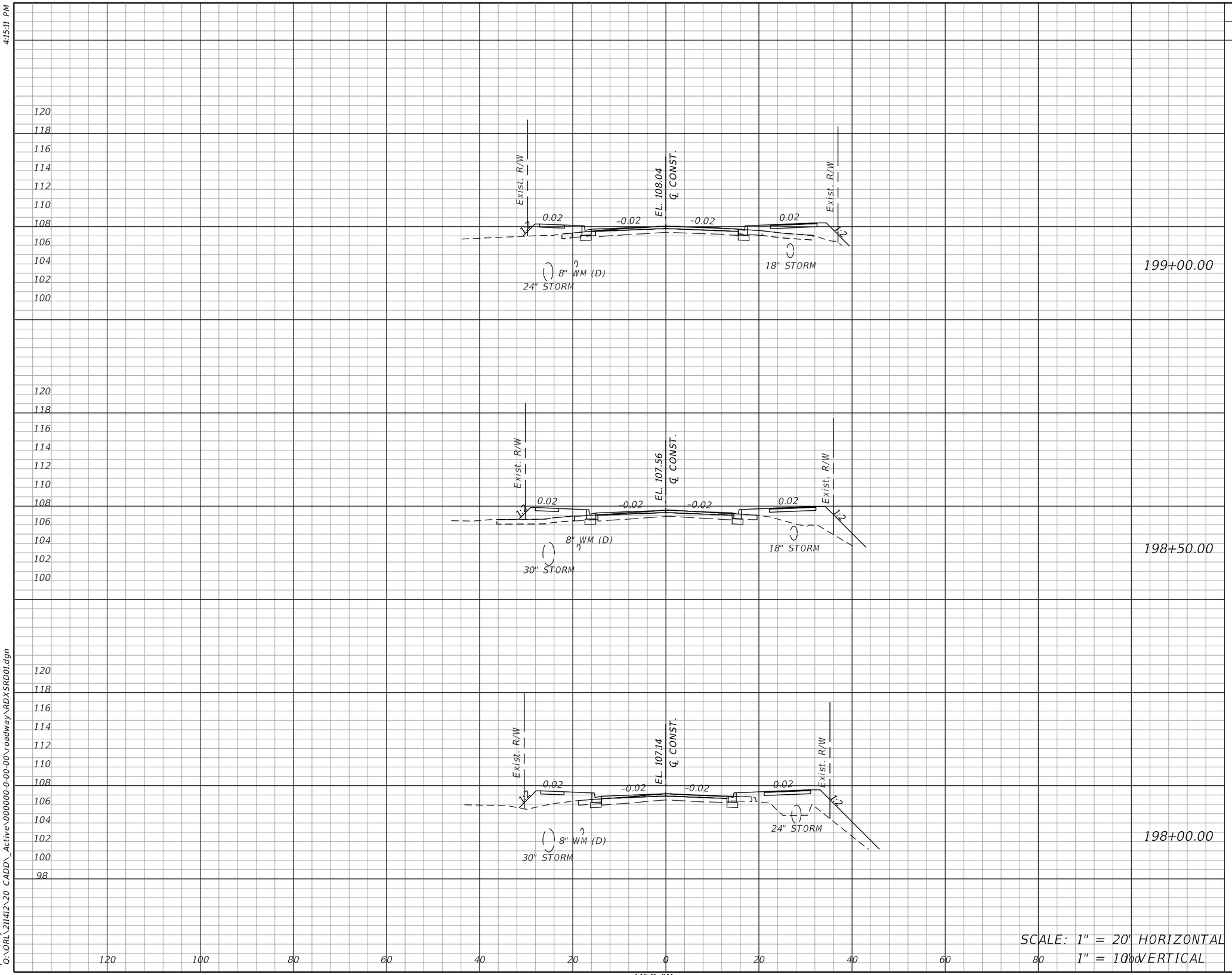

SCALE: 1" = 20' HORIZONTAL
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Regular Exc.		Embankment	
A	V	A	V

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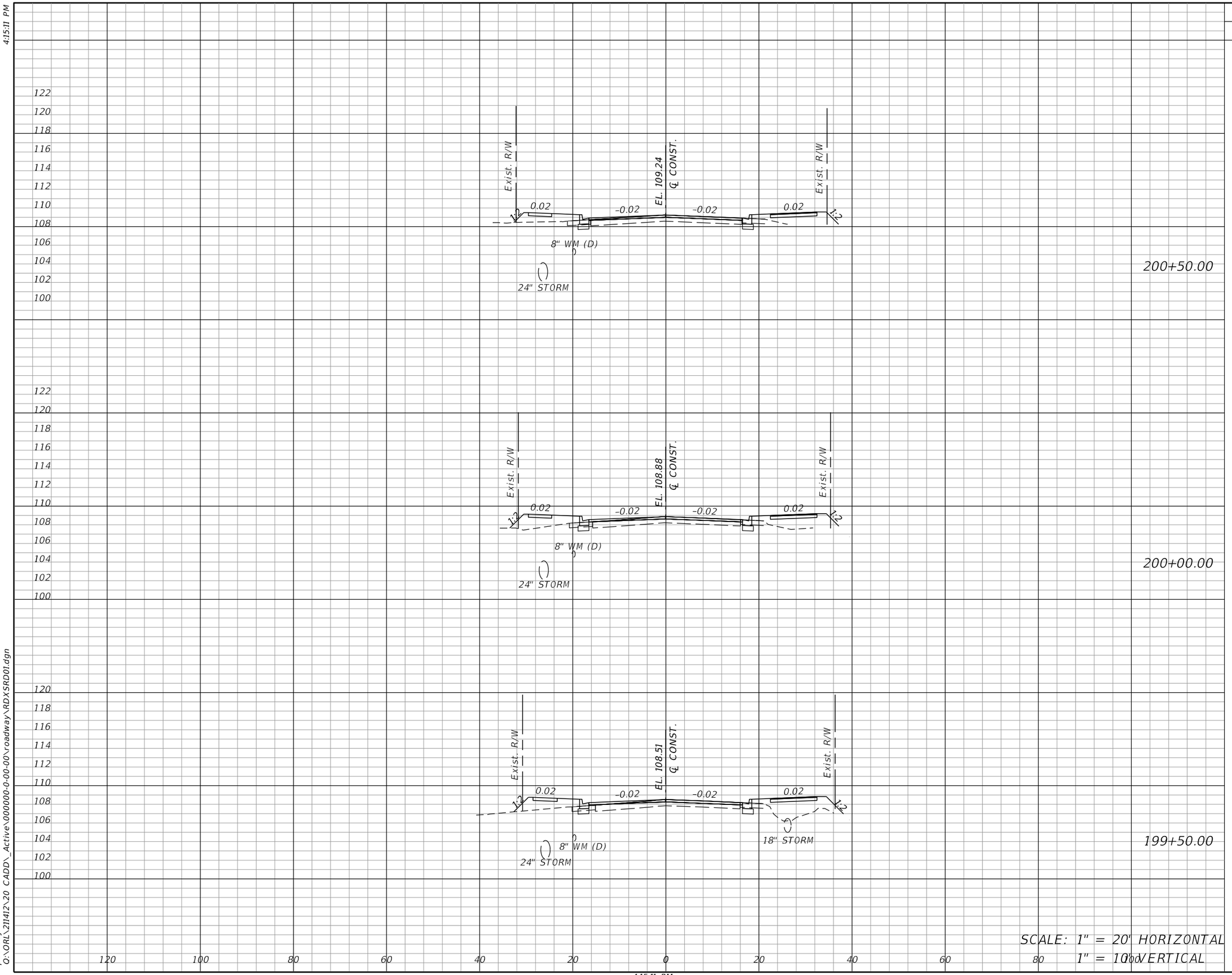

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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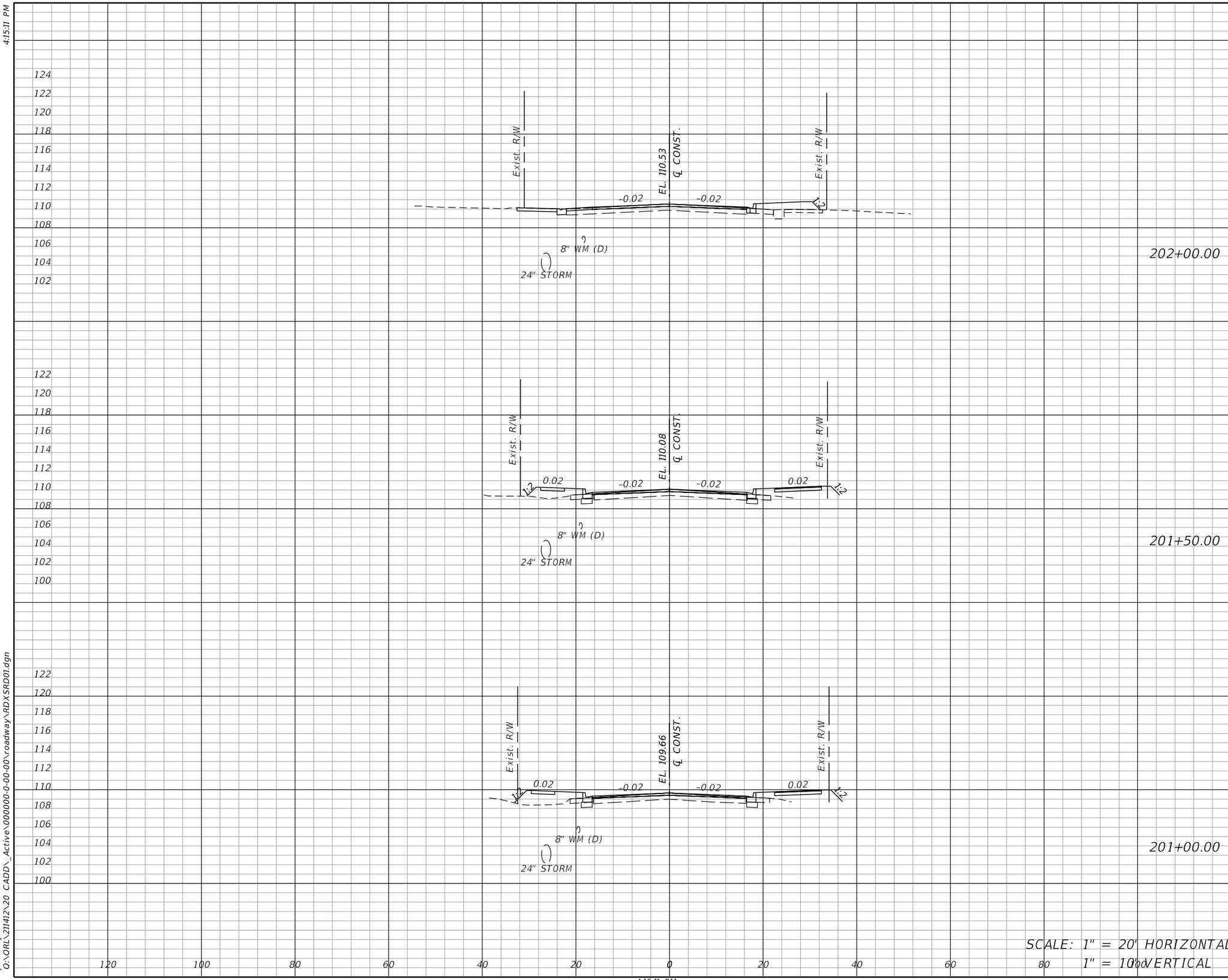

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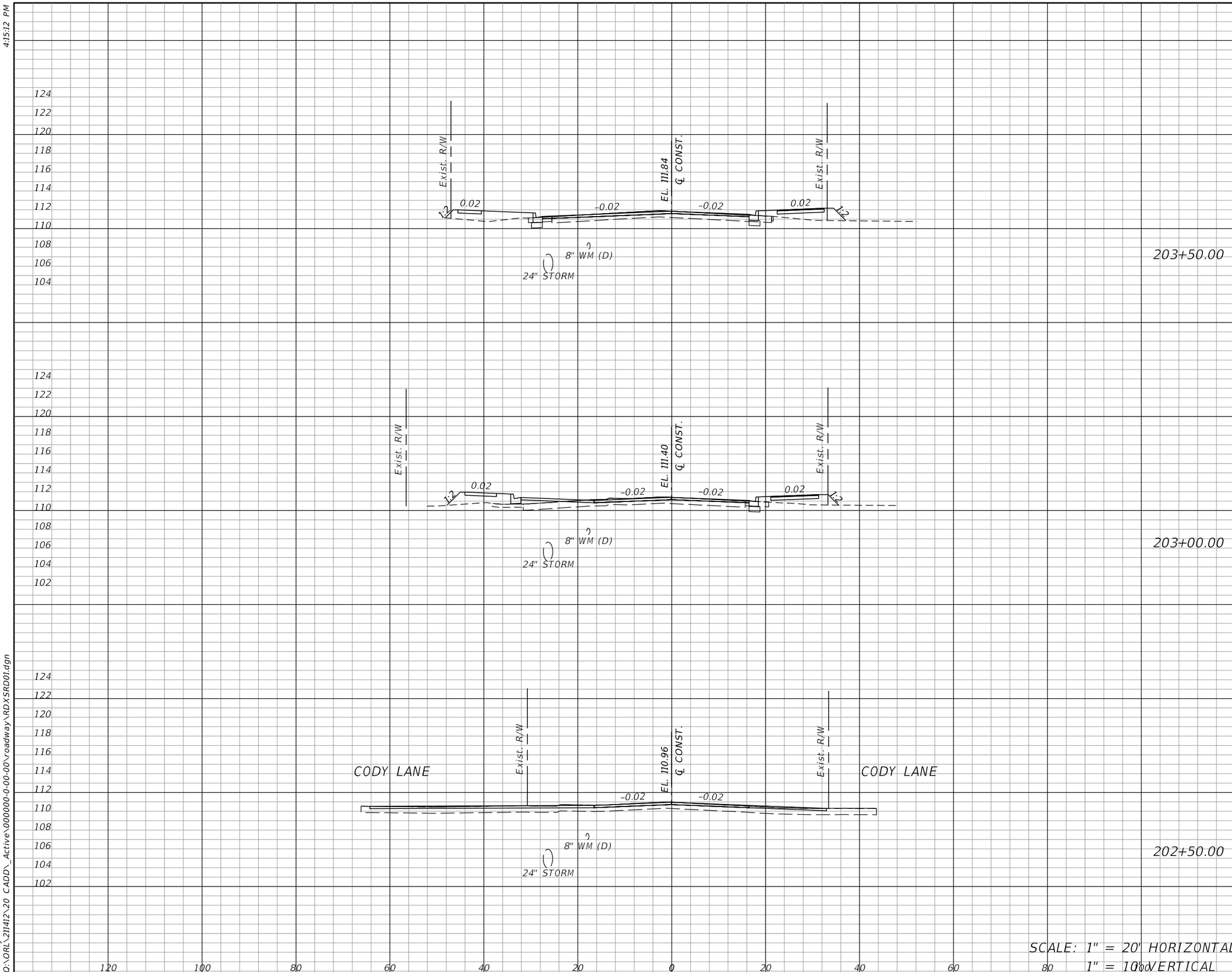

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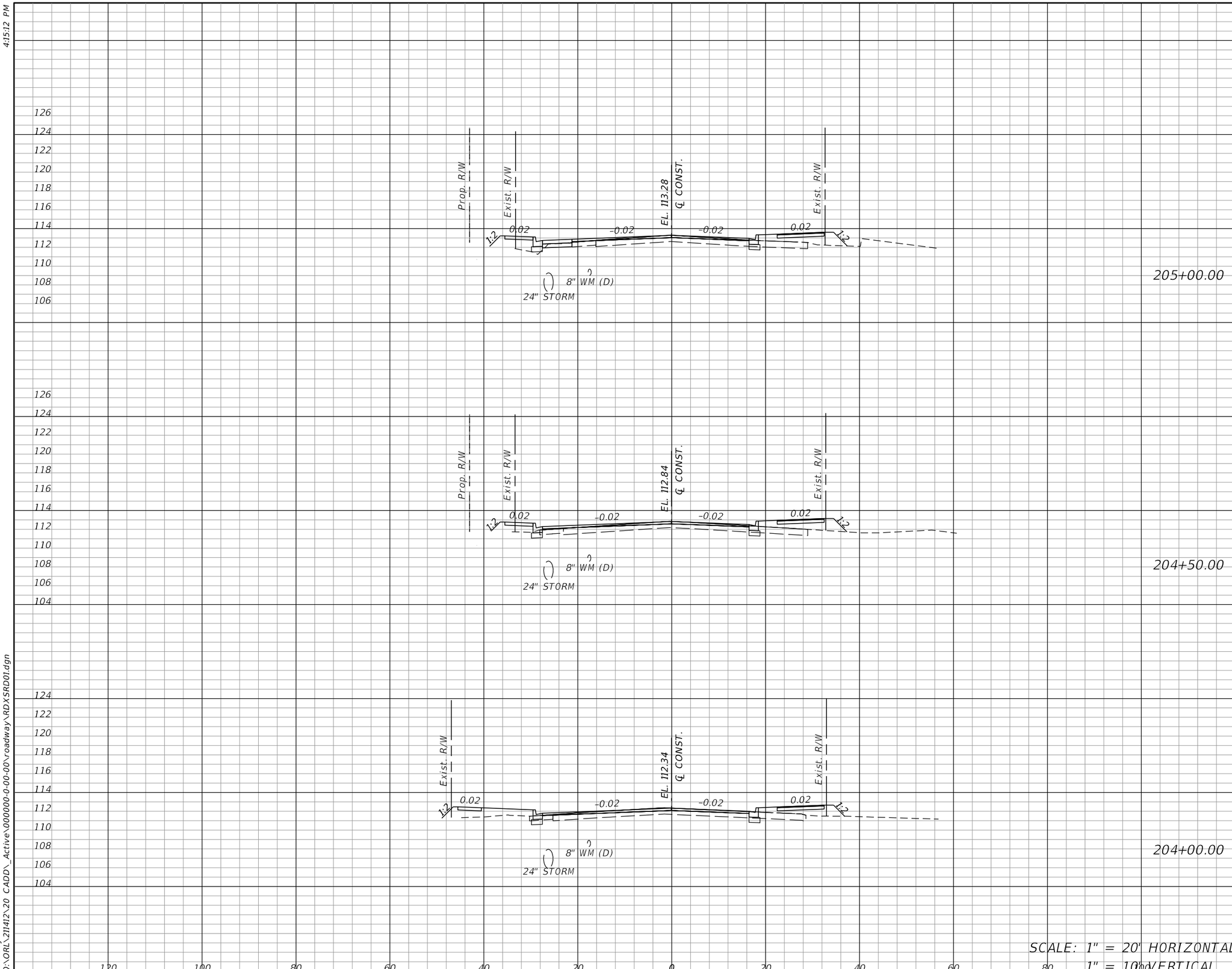

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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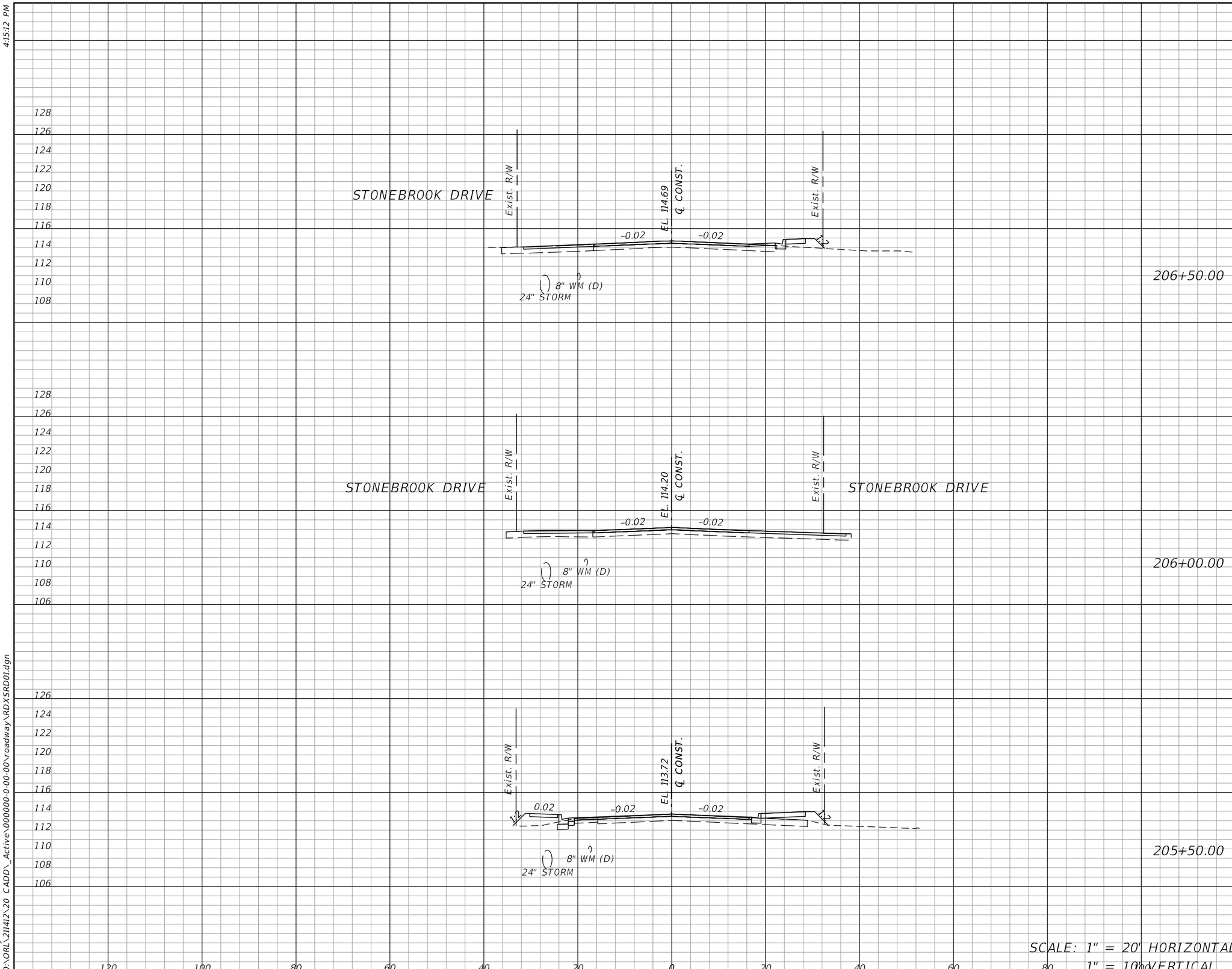

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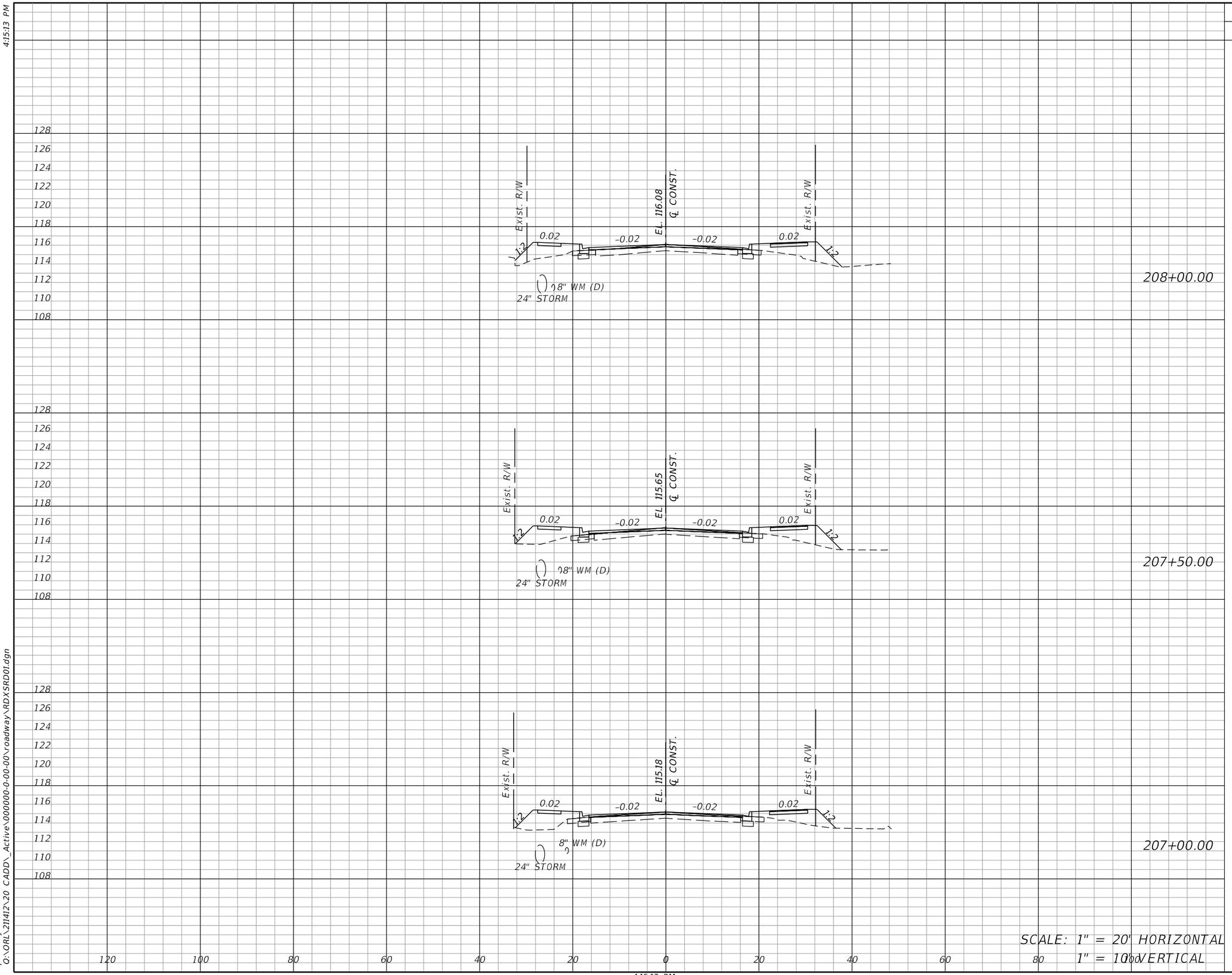

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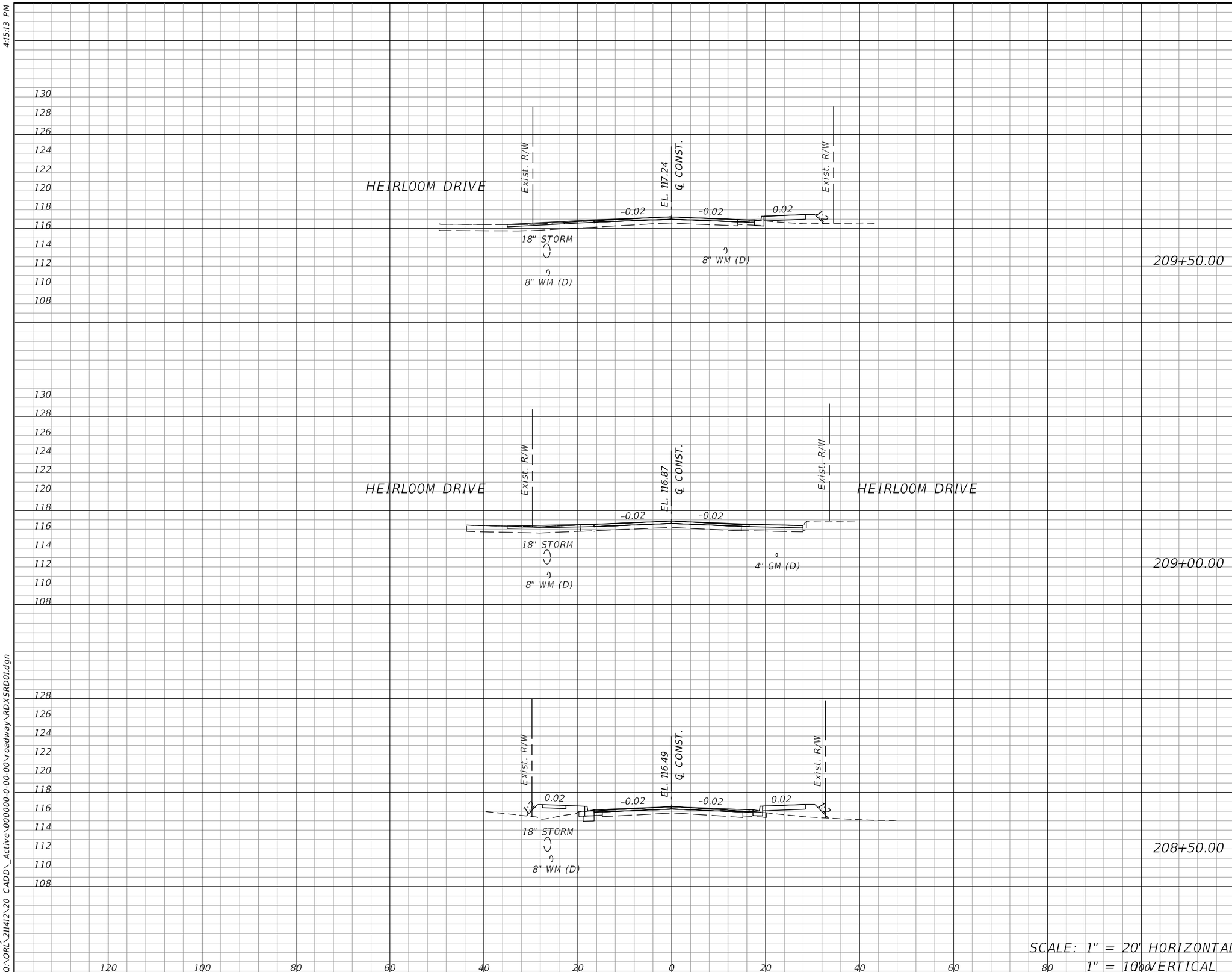

Regular Exc.		Embankment	
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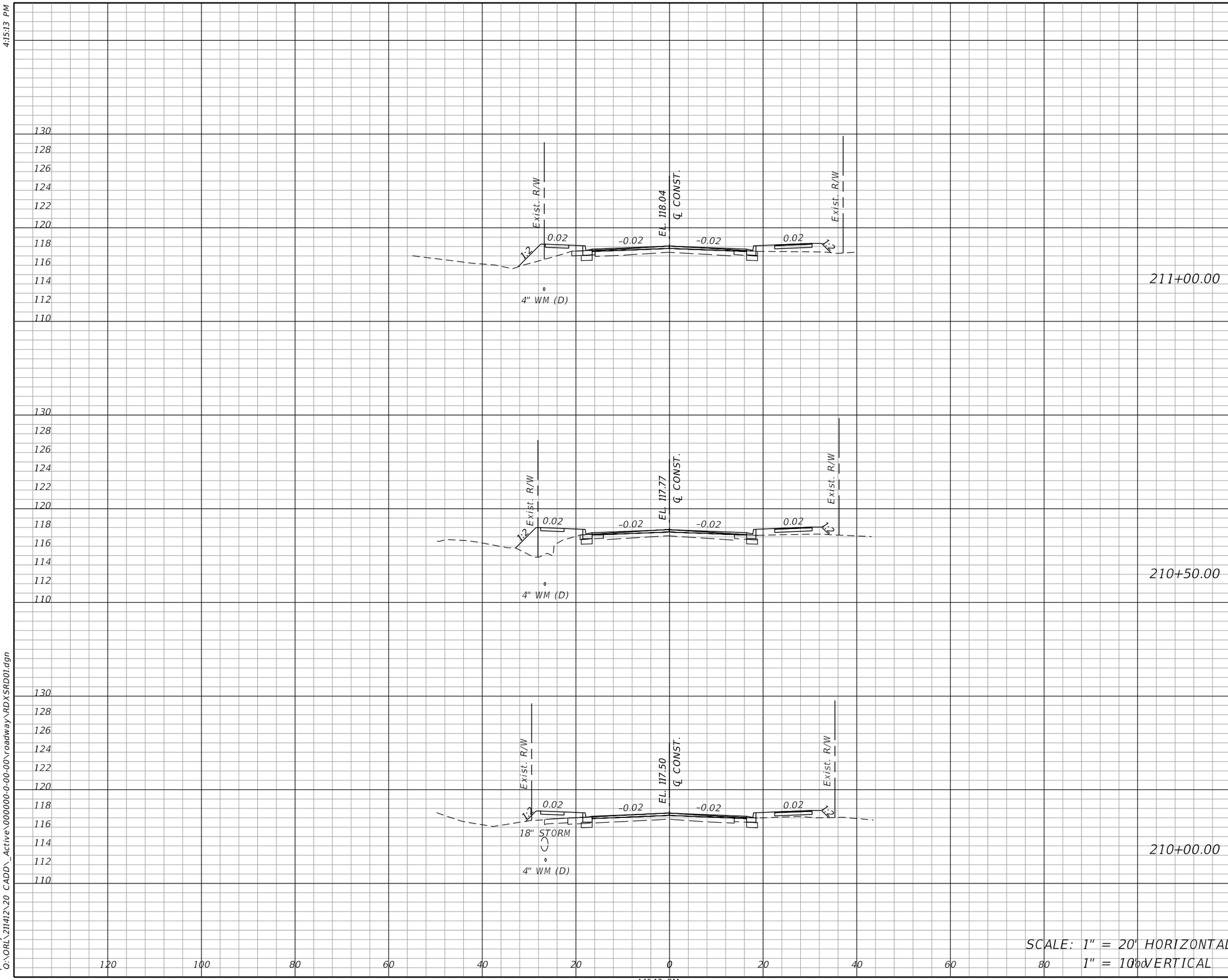

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 92

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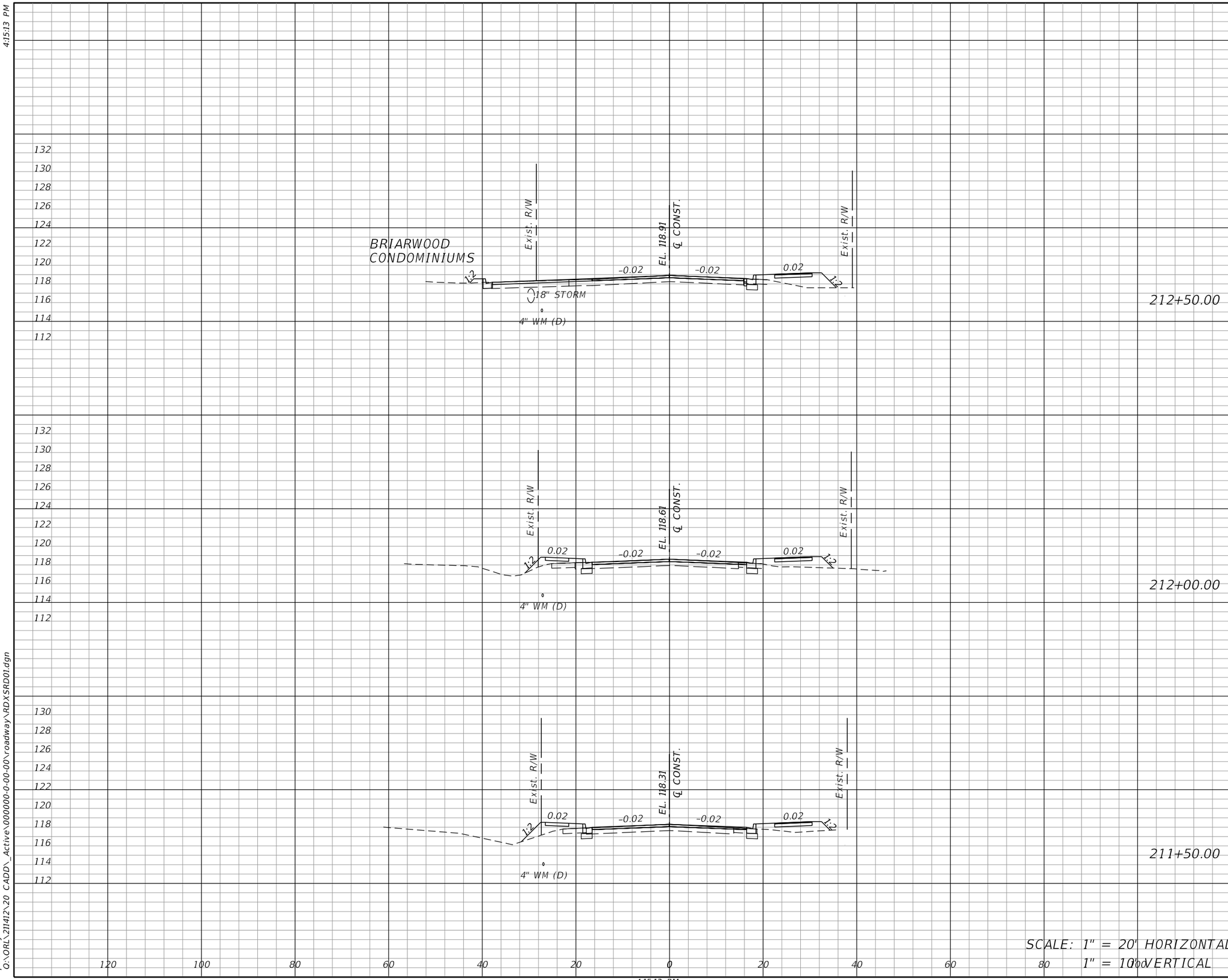

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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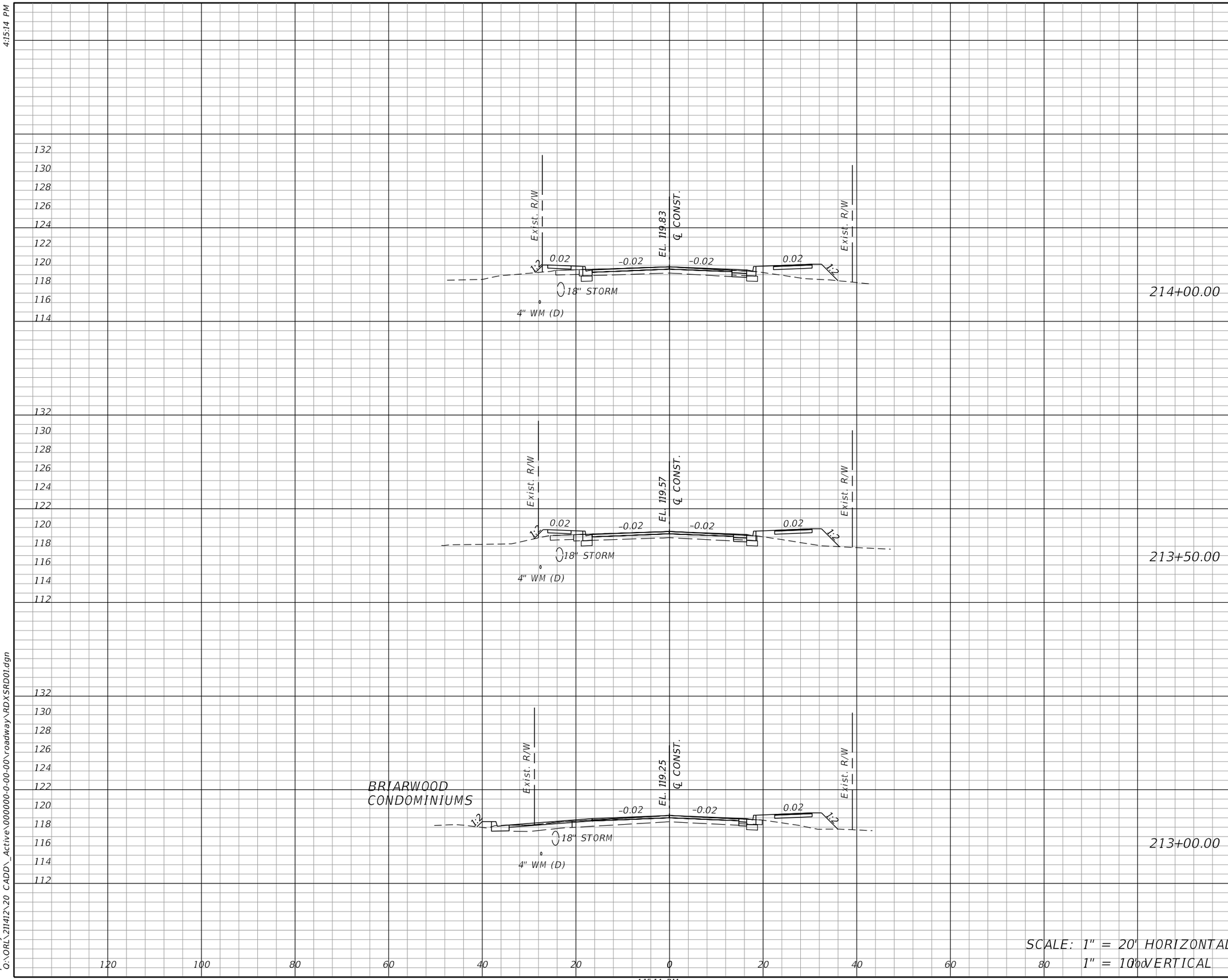

OLIVE ROAD STREET IMPROVEMENT PROJECT

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Regular Exc.		Embankment	
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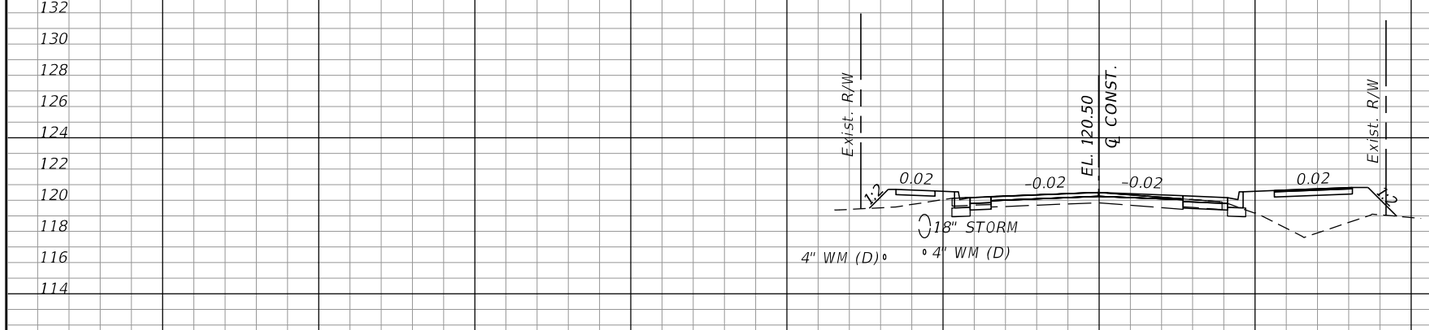

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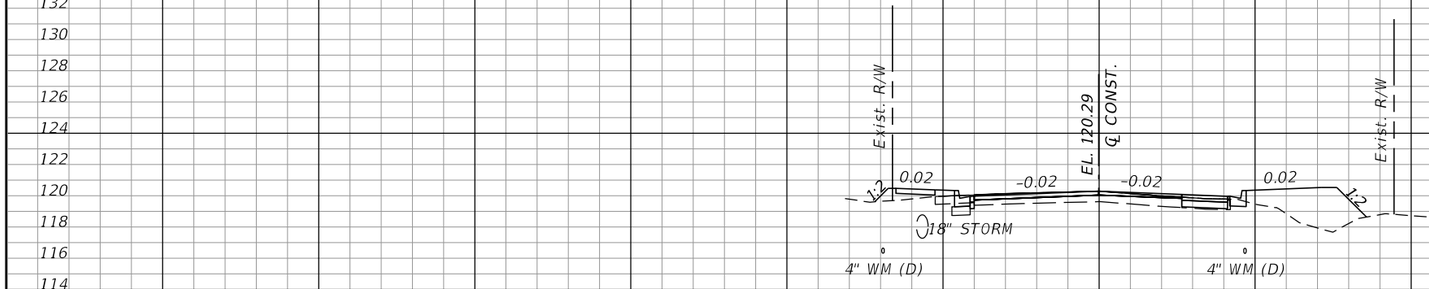

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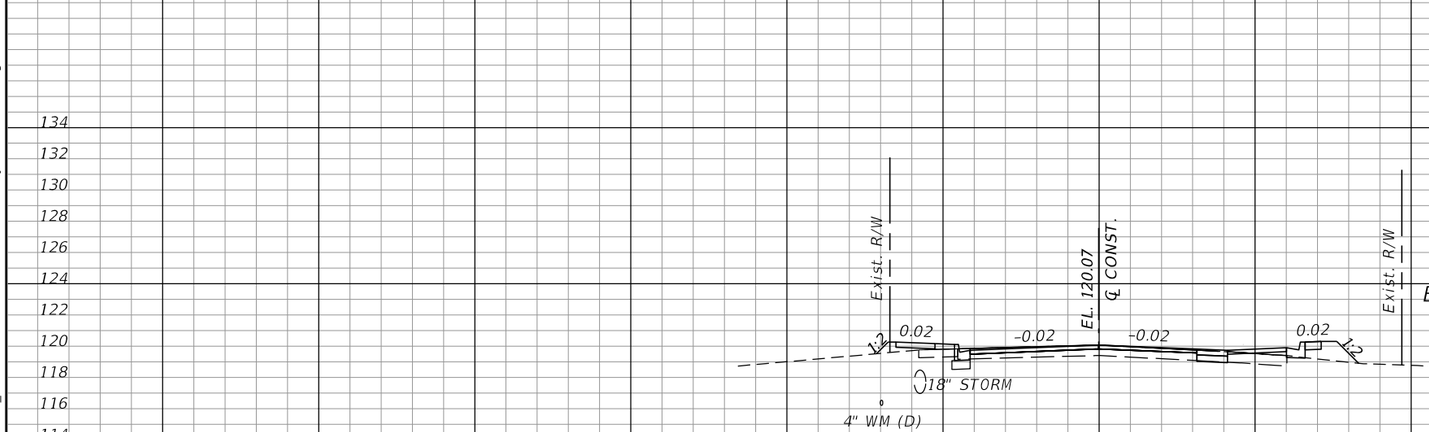

214+50.00

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

120 100 80 60 40 20 0 20 40 60 80 100

OLIVE ROAD STREET IMPROVEMENT PROJECT

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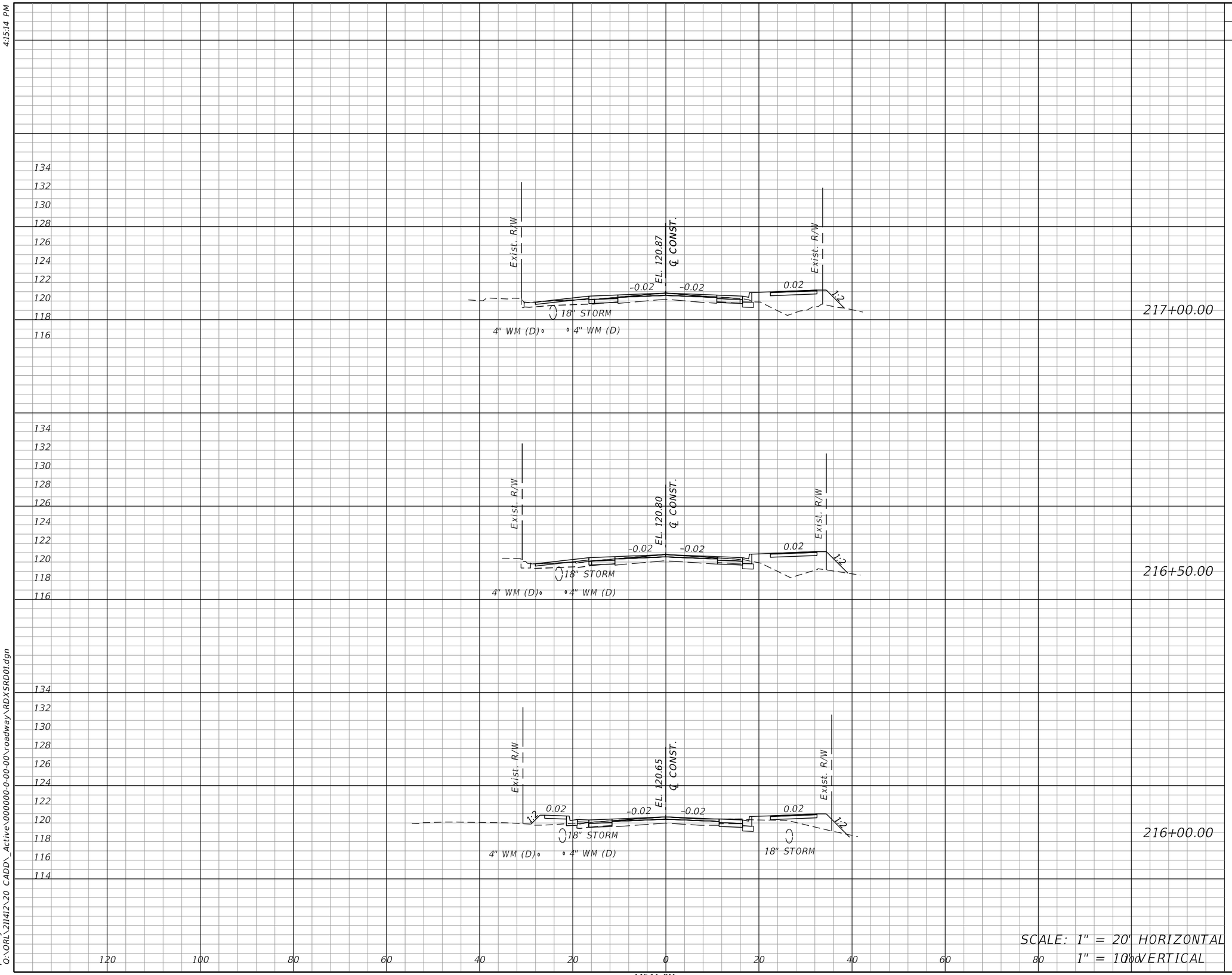

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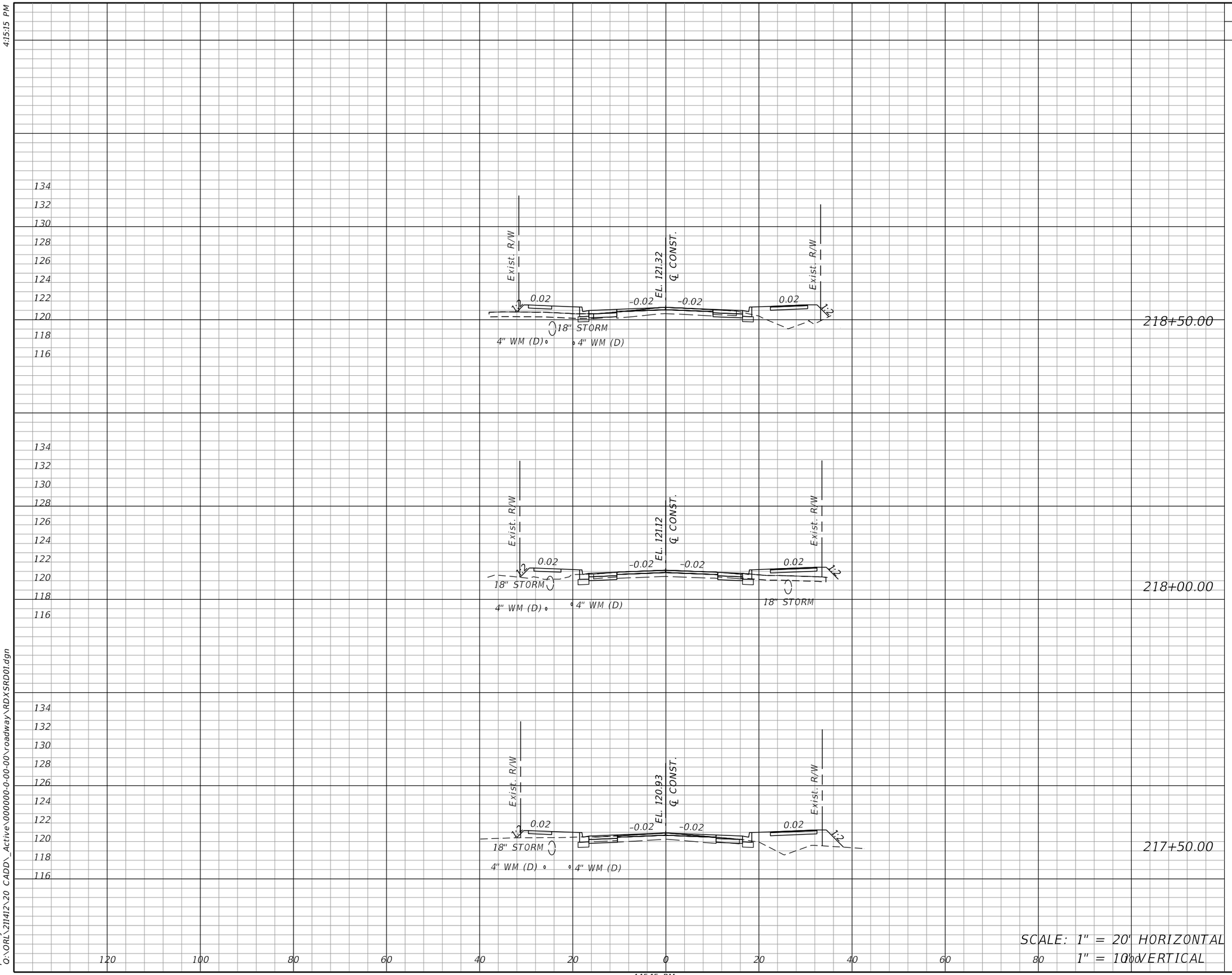

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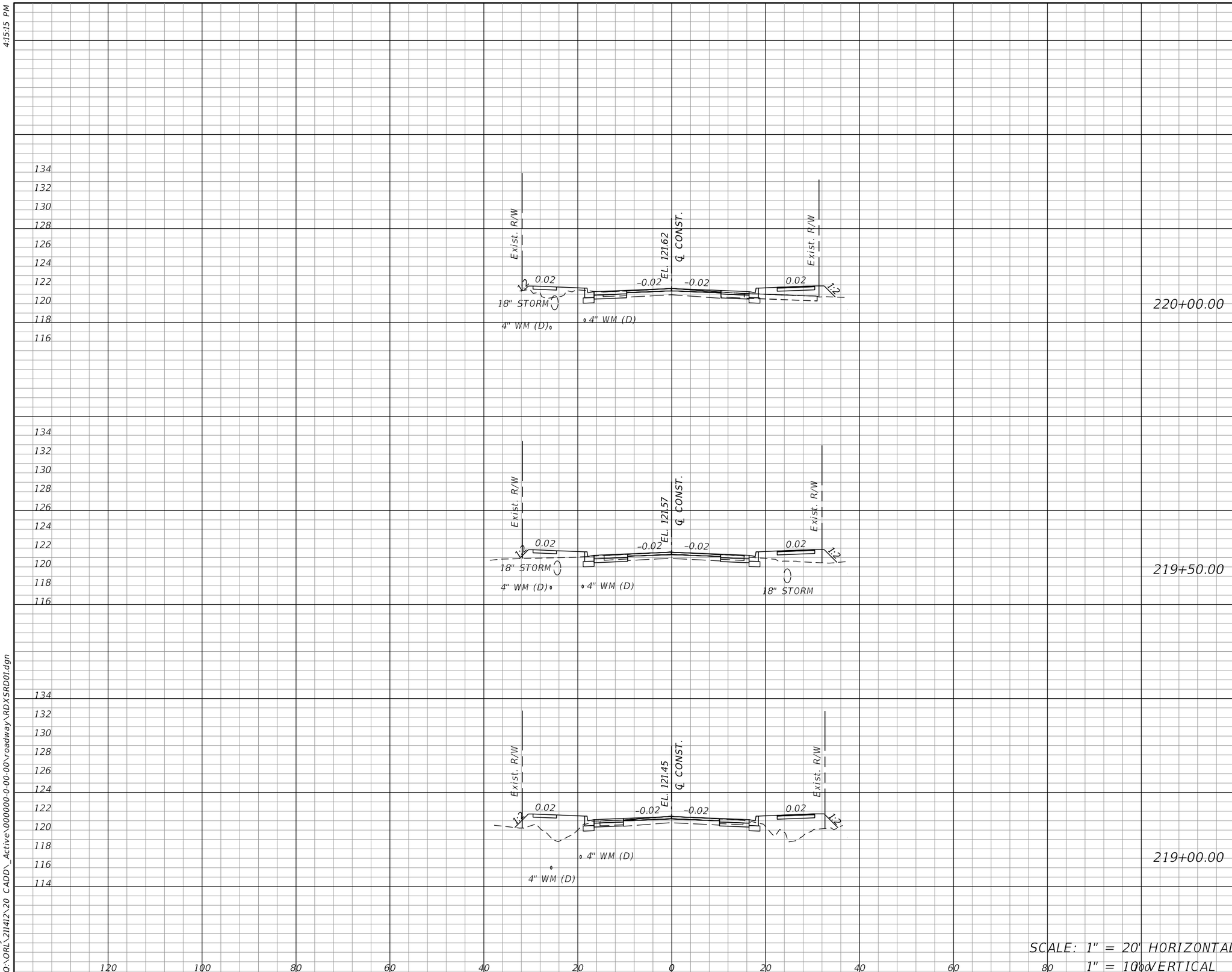

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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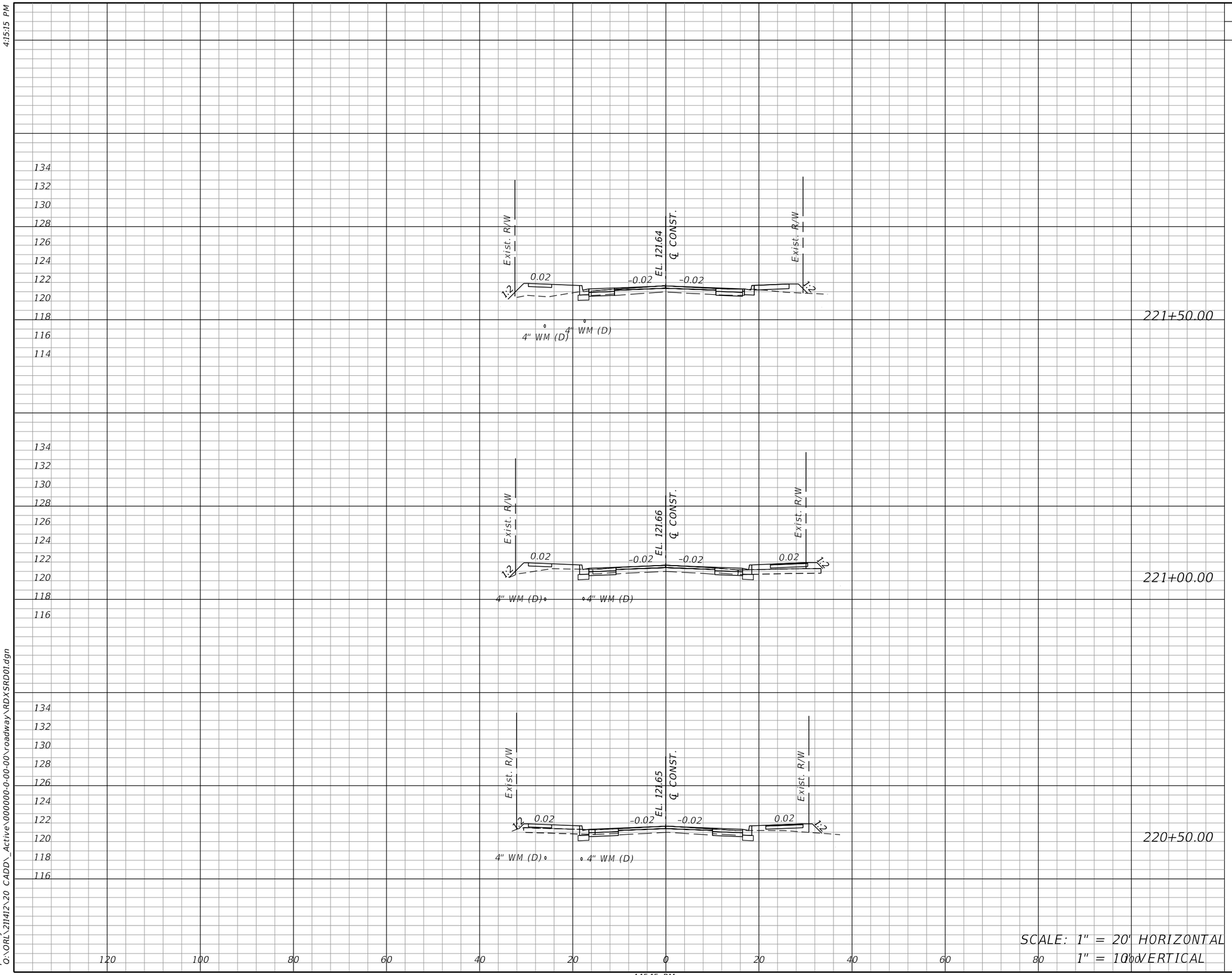

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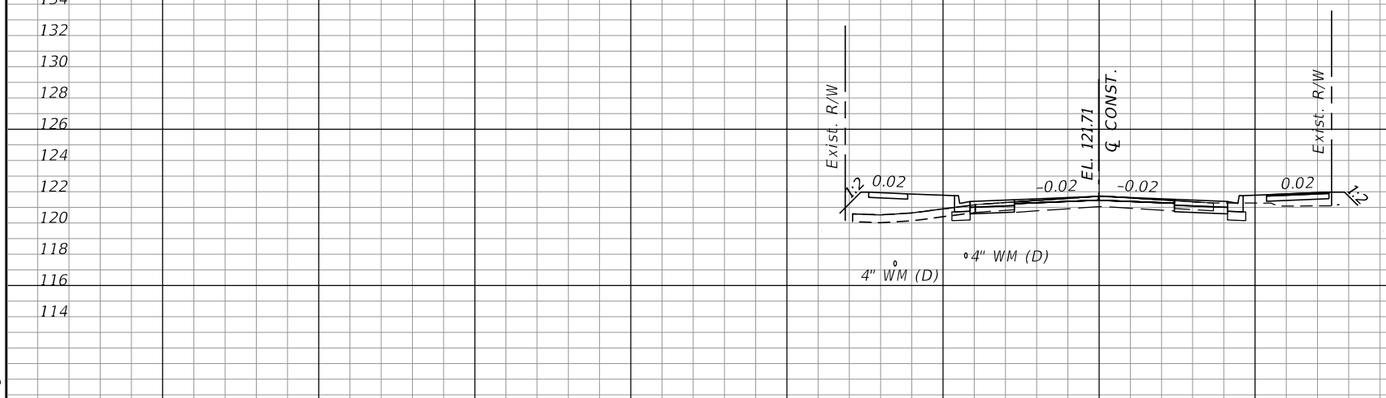
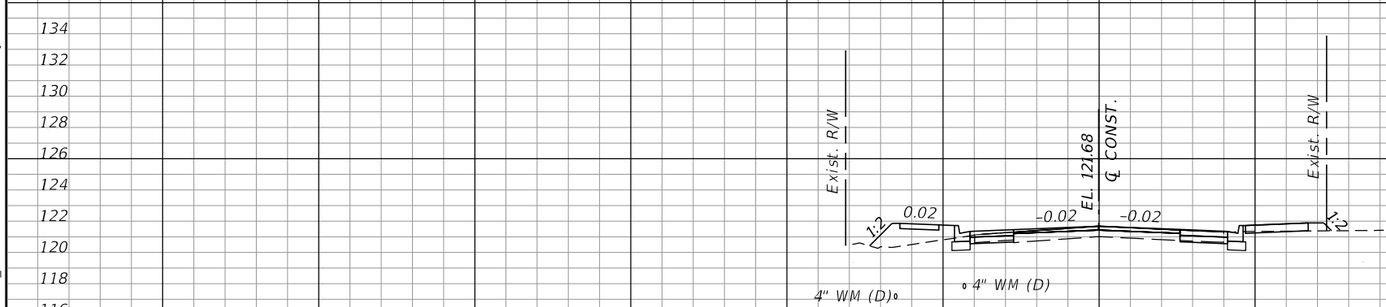
	Regular Exc.		Embankment	
	A	V	A	V
223+00.00				
222+50.00				
222+00.00				





SCALE: 1" = 20' HORIZONTAL
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120 100 80 60 40 20 0 20 40 60 80 100

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 100

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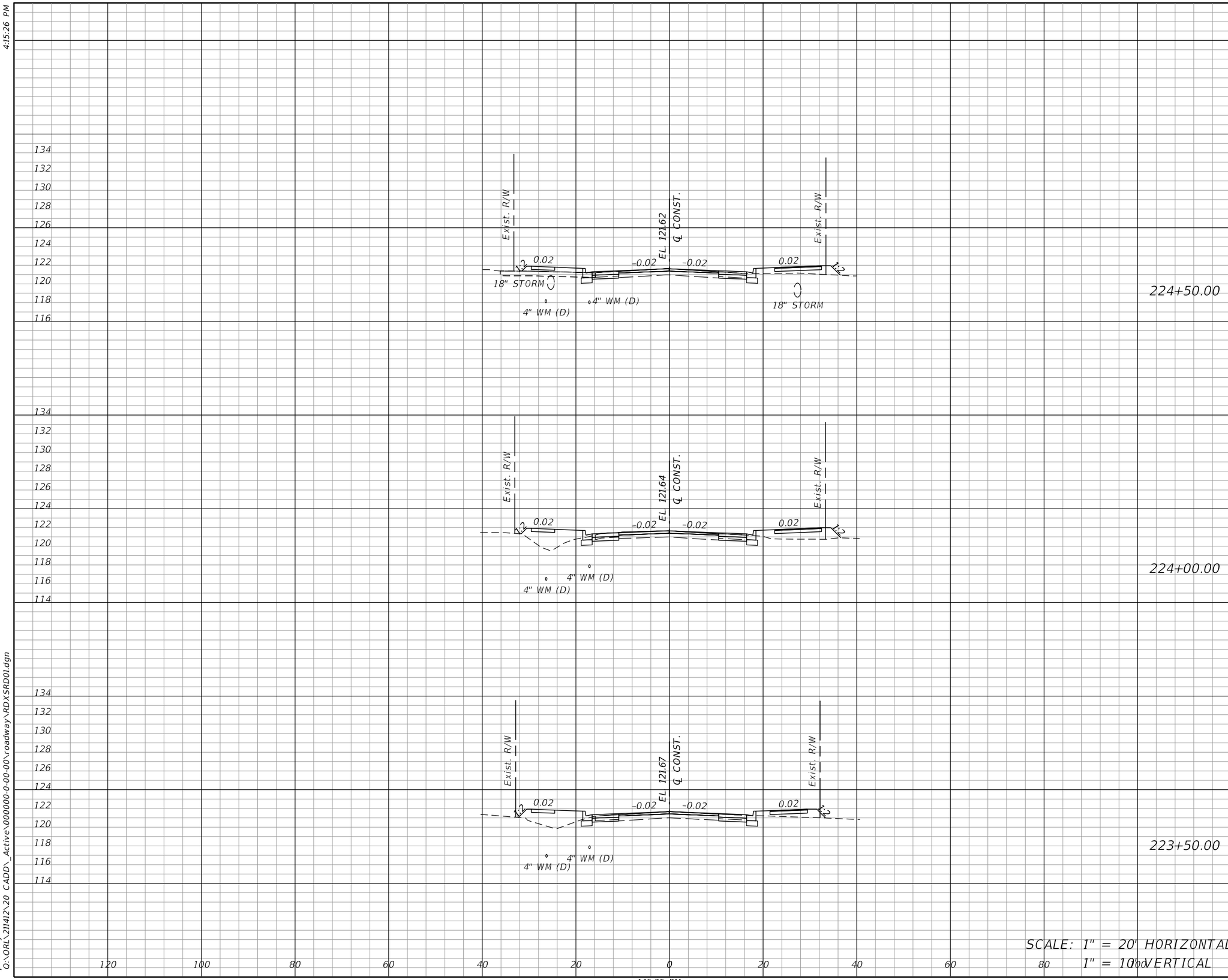

SCALE: 1" = 20' HORIZONTAL
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SHEET 101

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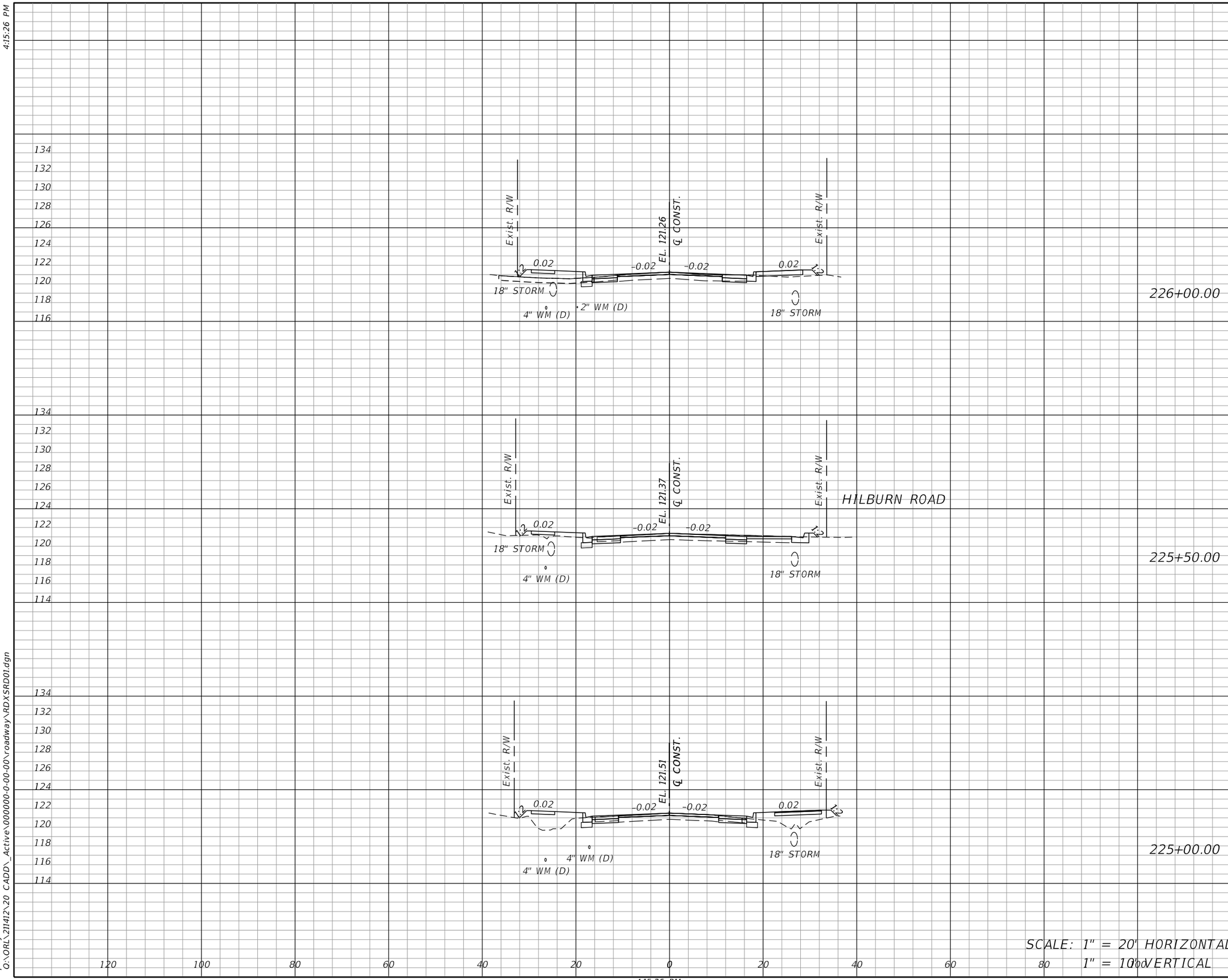

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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	Regular Exc.		Embankment	
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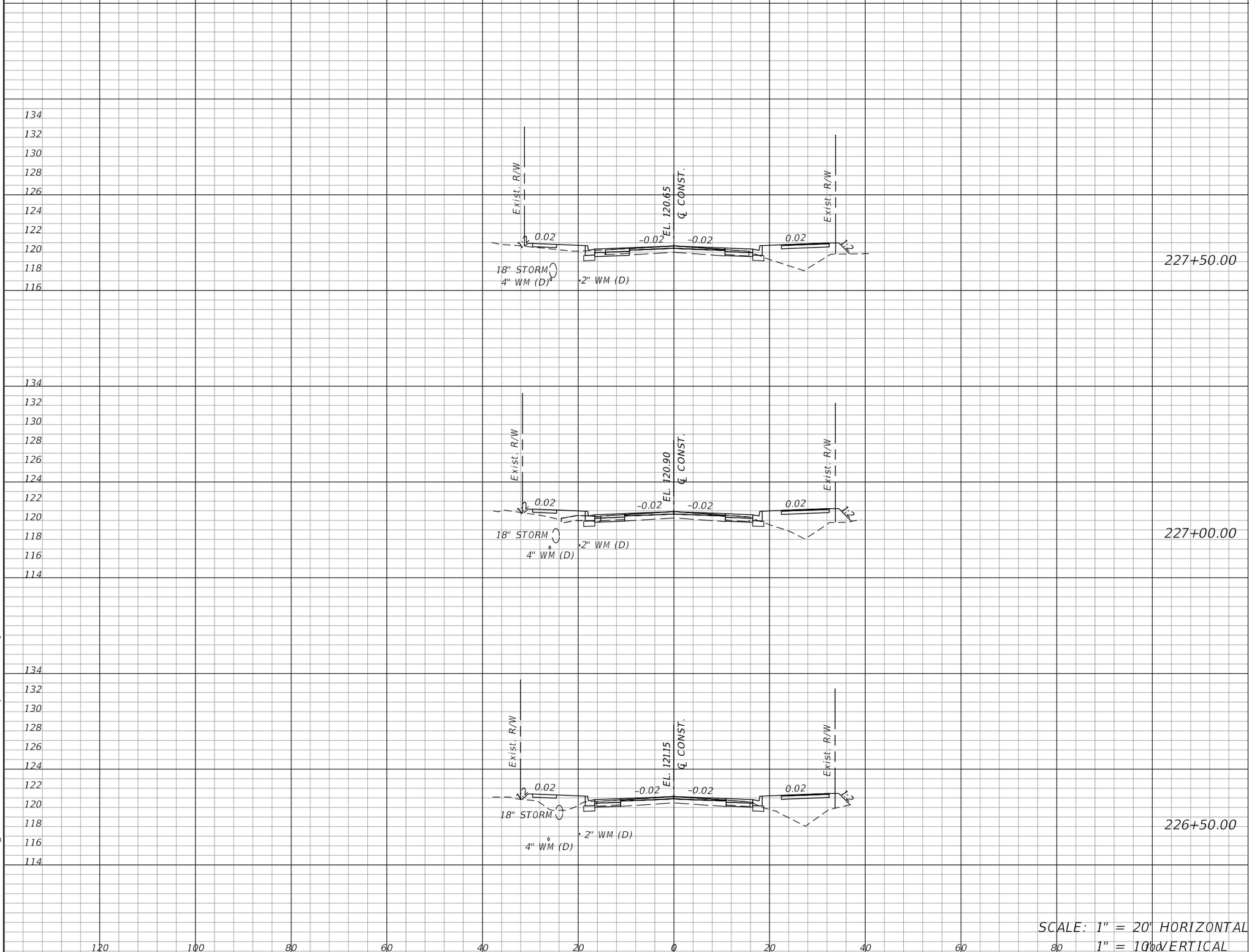

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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FIELD BOOK / PAGES:		SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W	

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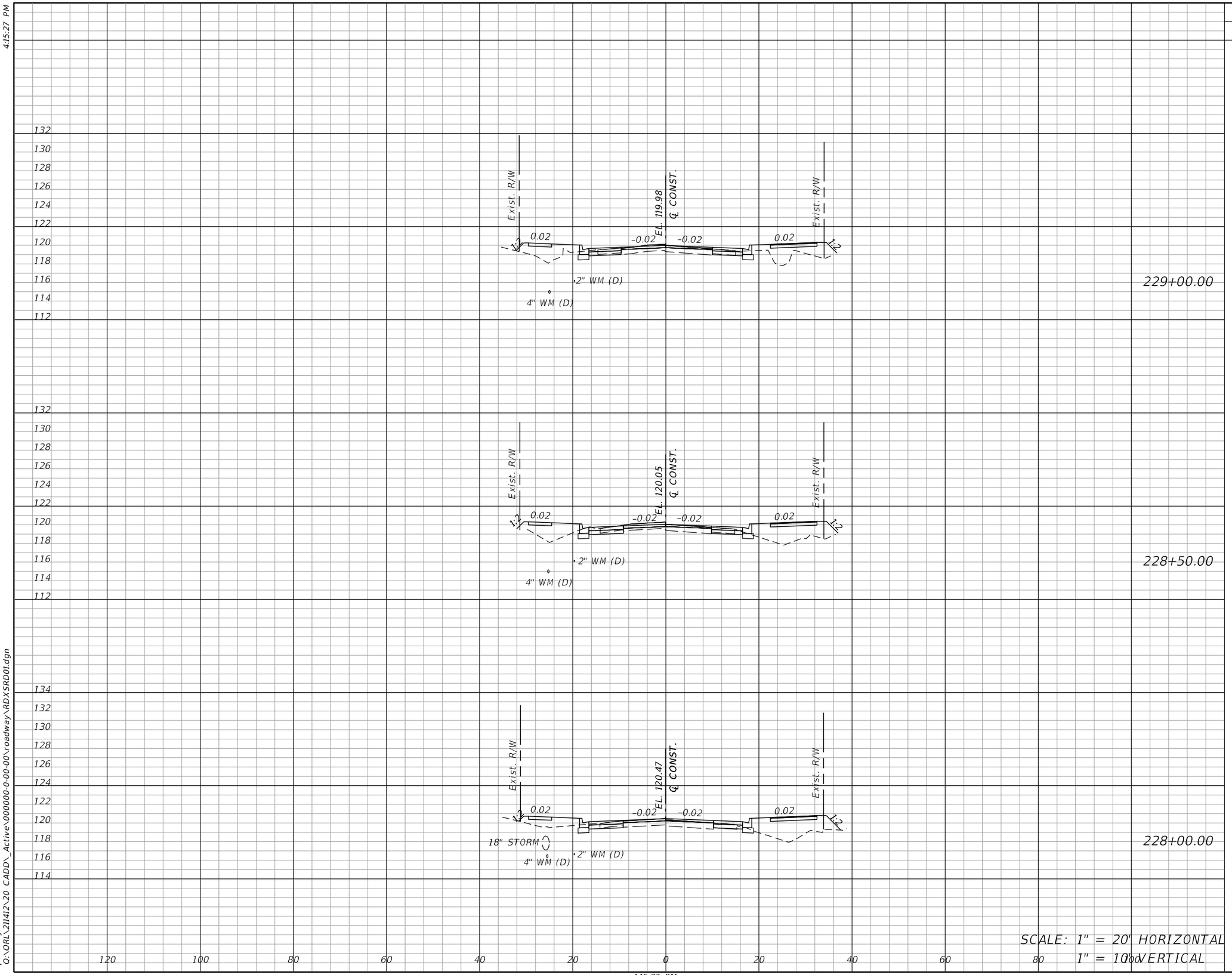

OLIVE ROAD STREET IMPROVEMENT PROJECT

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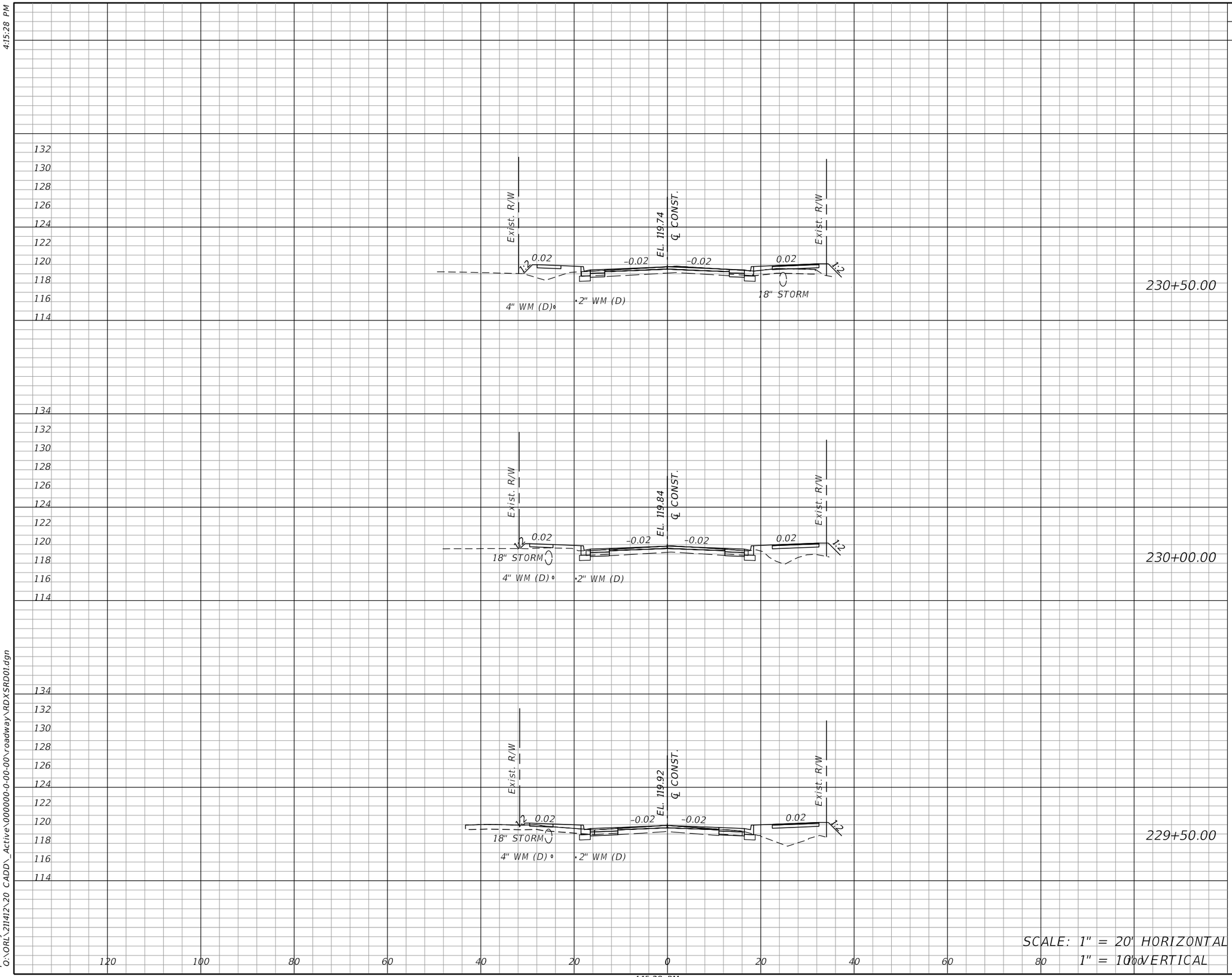

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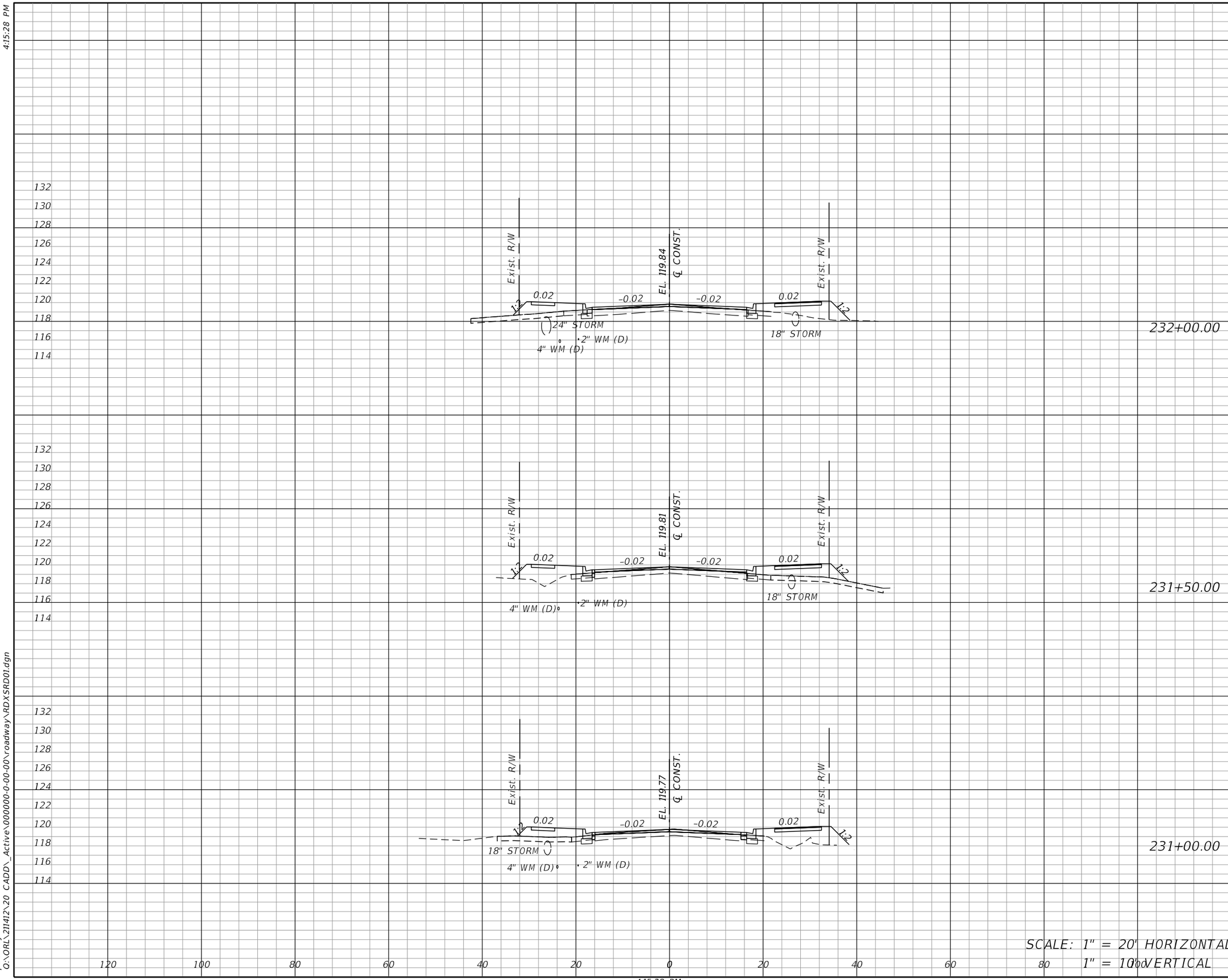

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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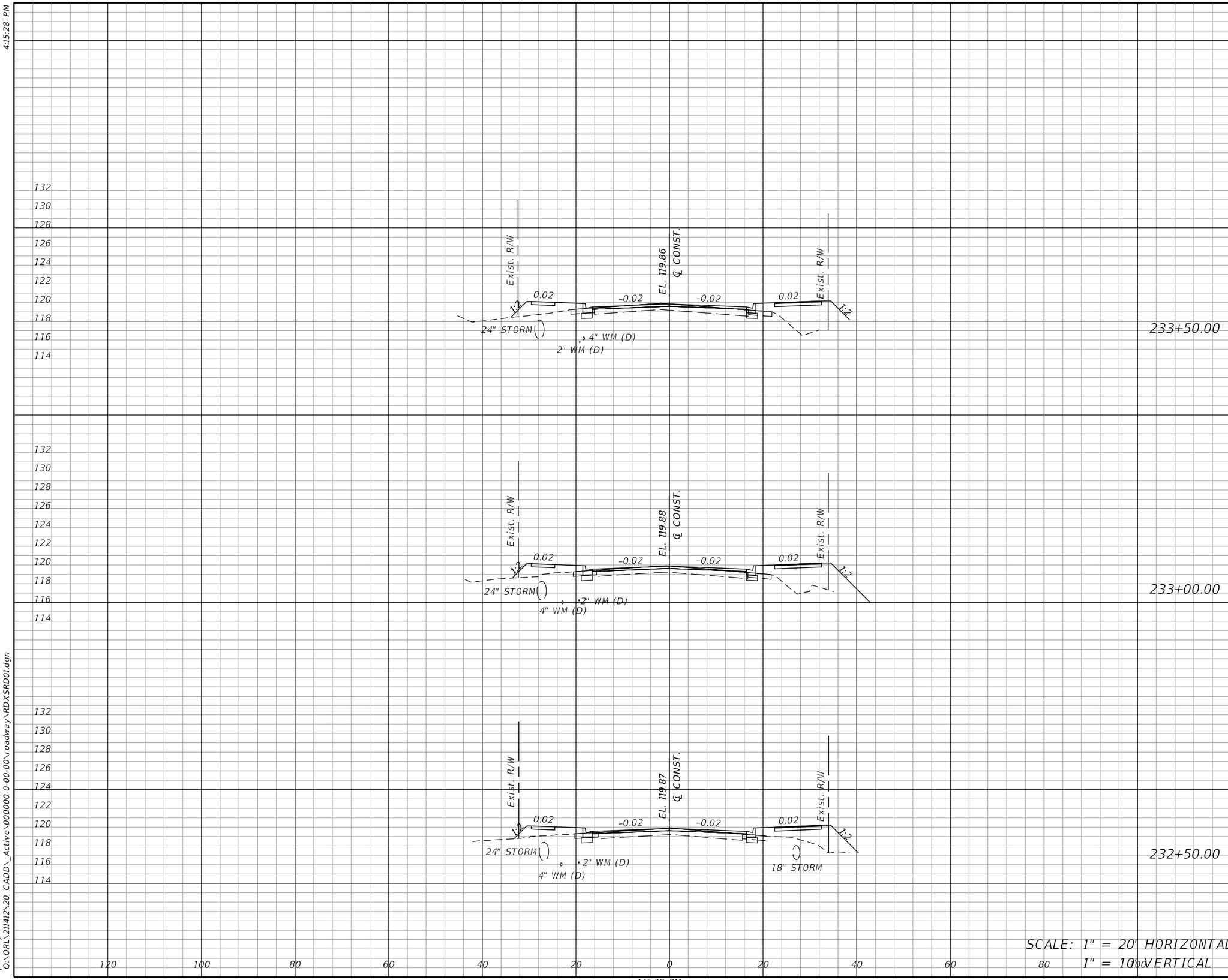

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Regular Exc.		Embankment	
A	V	A	V

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SHEET 107

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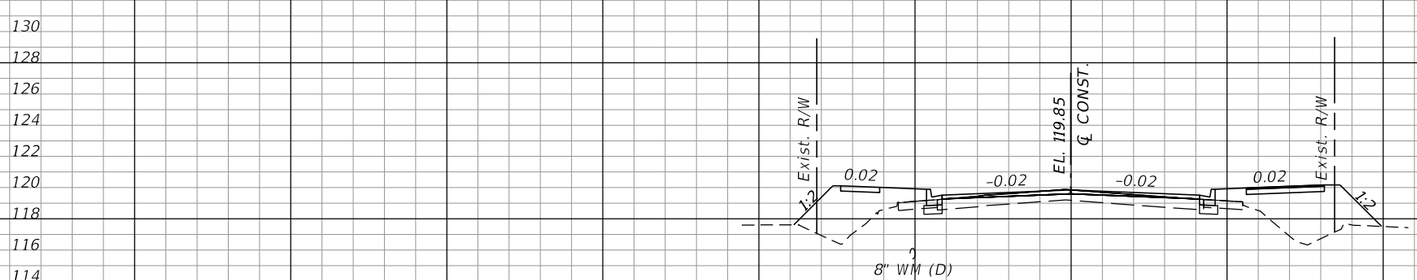

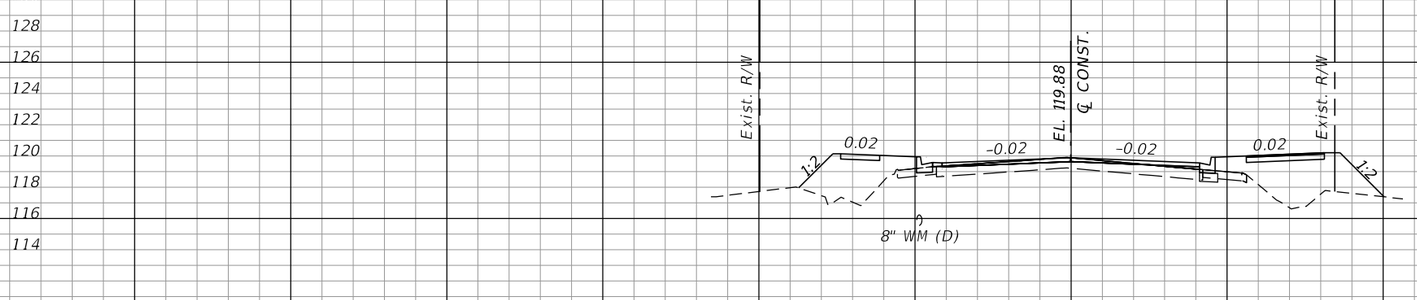

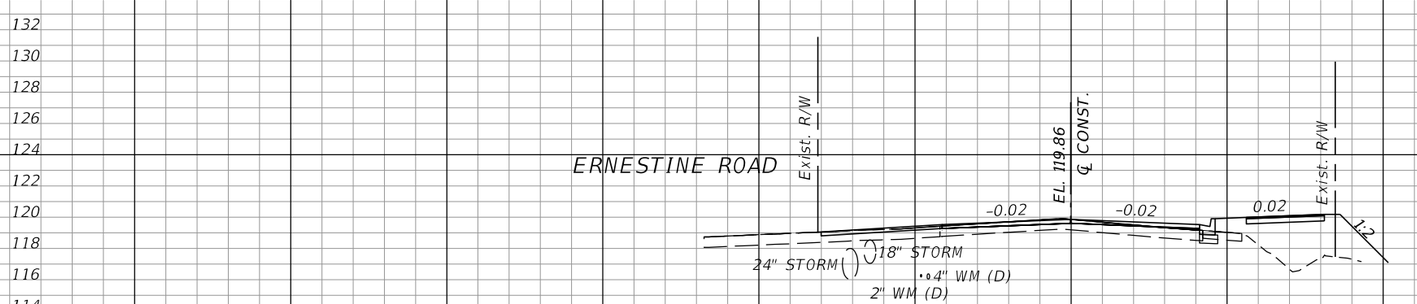

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 2/2/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
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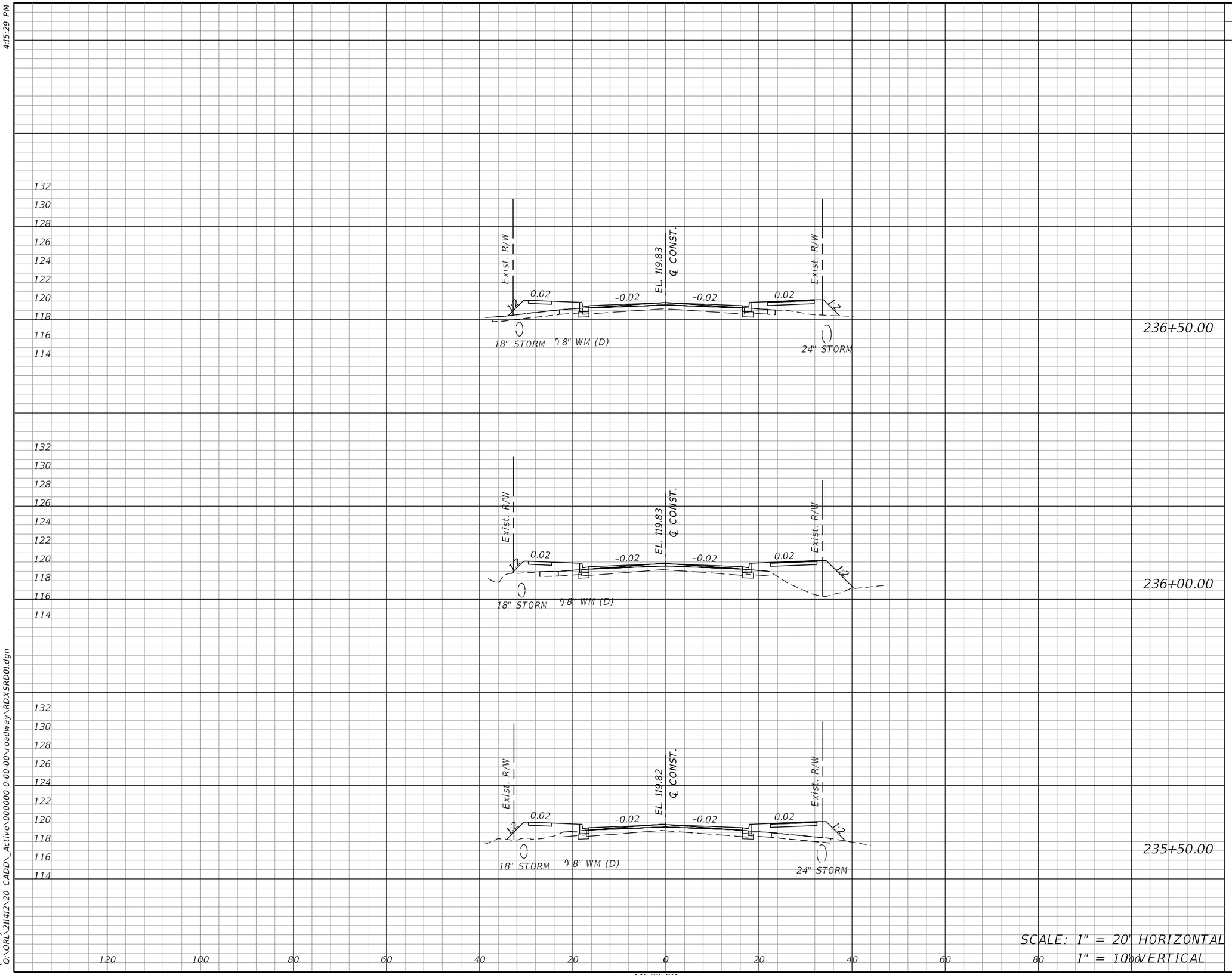

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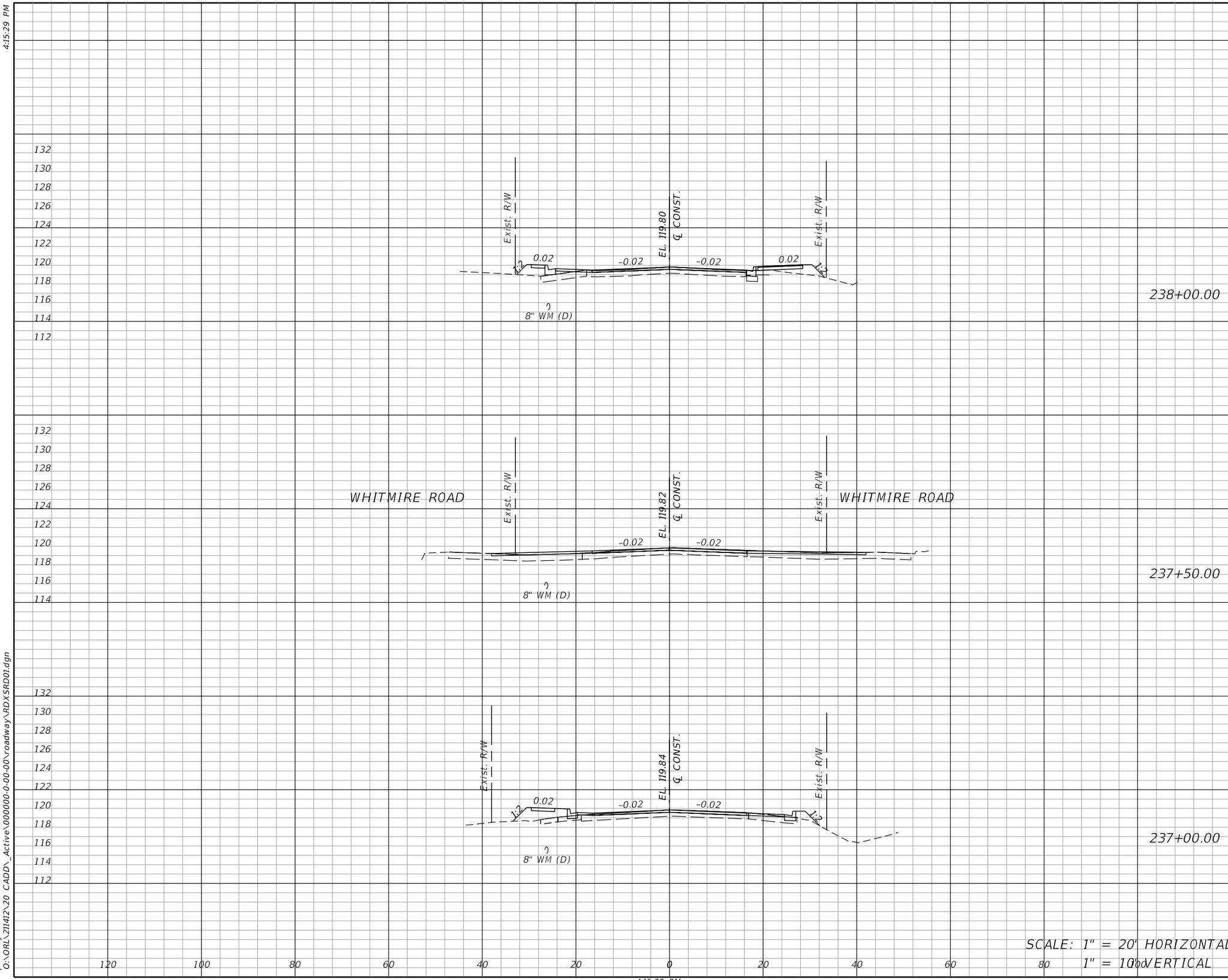

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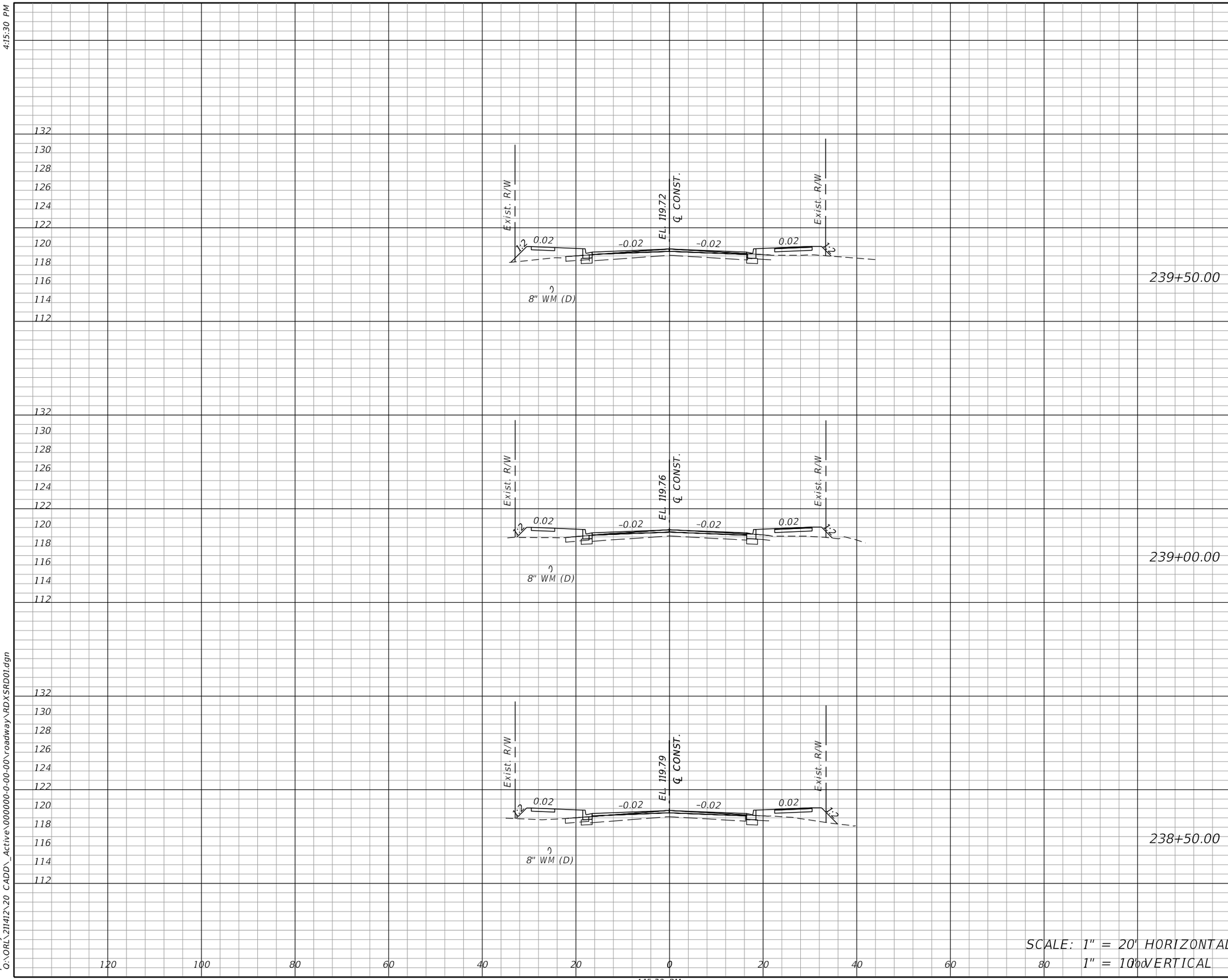

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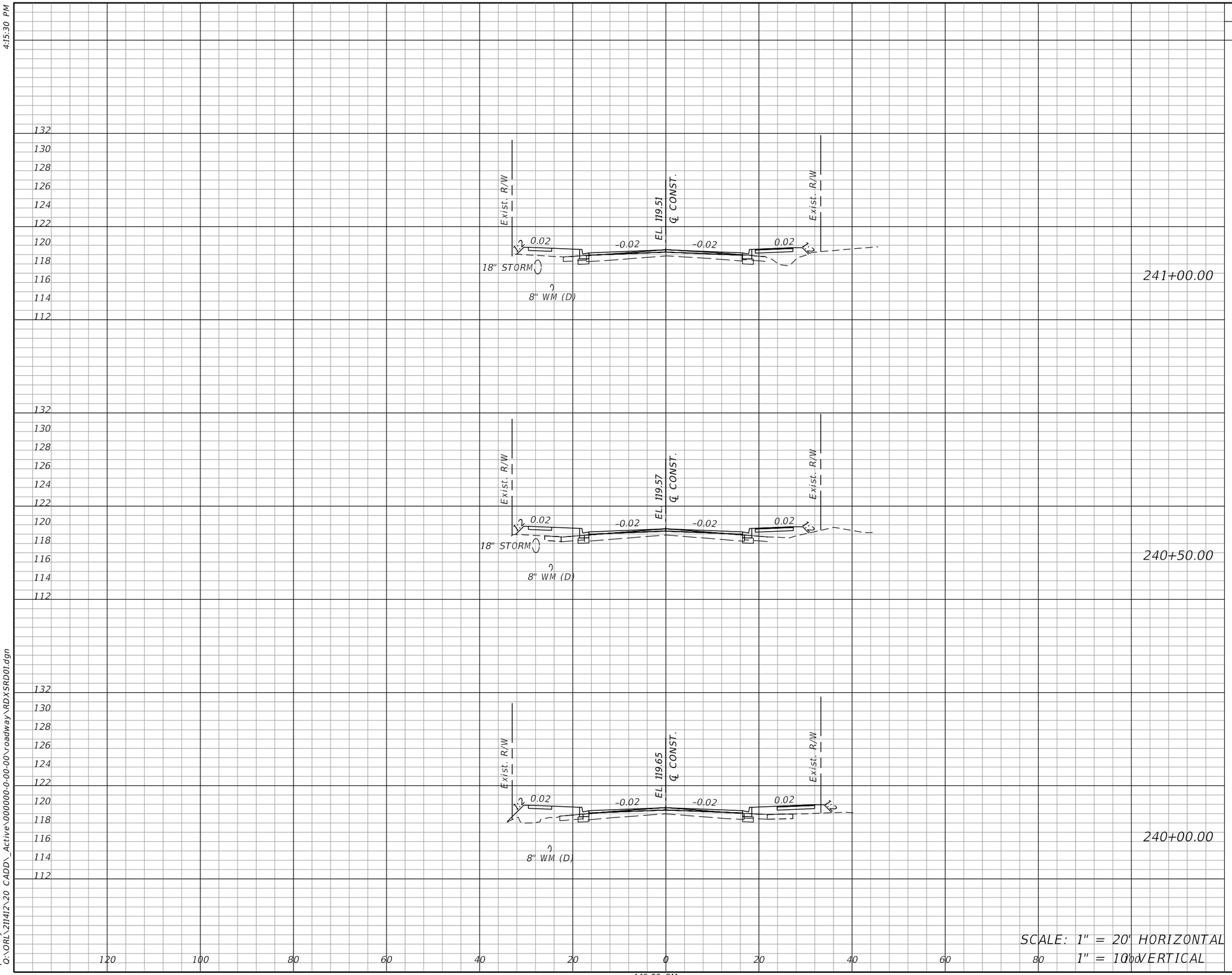

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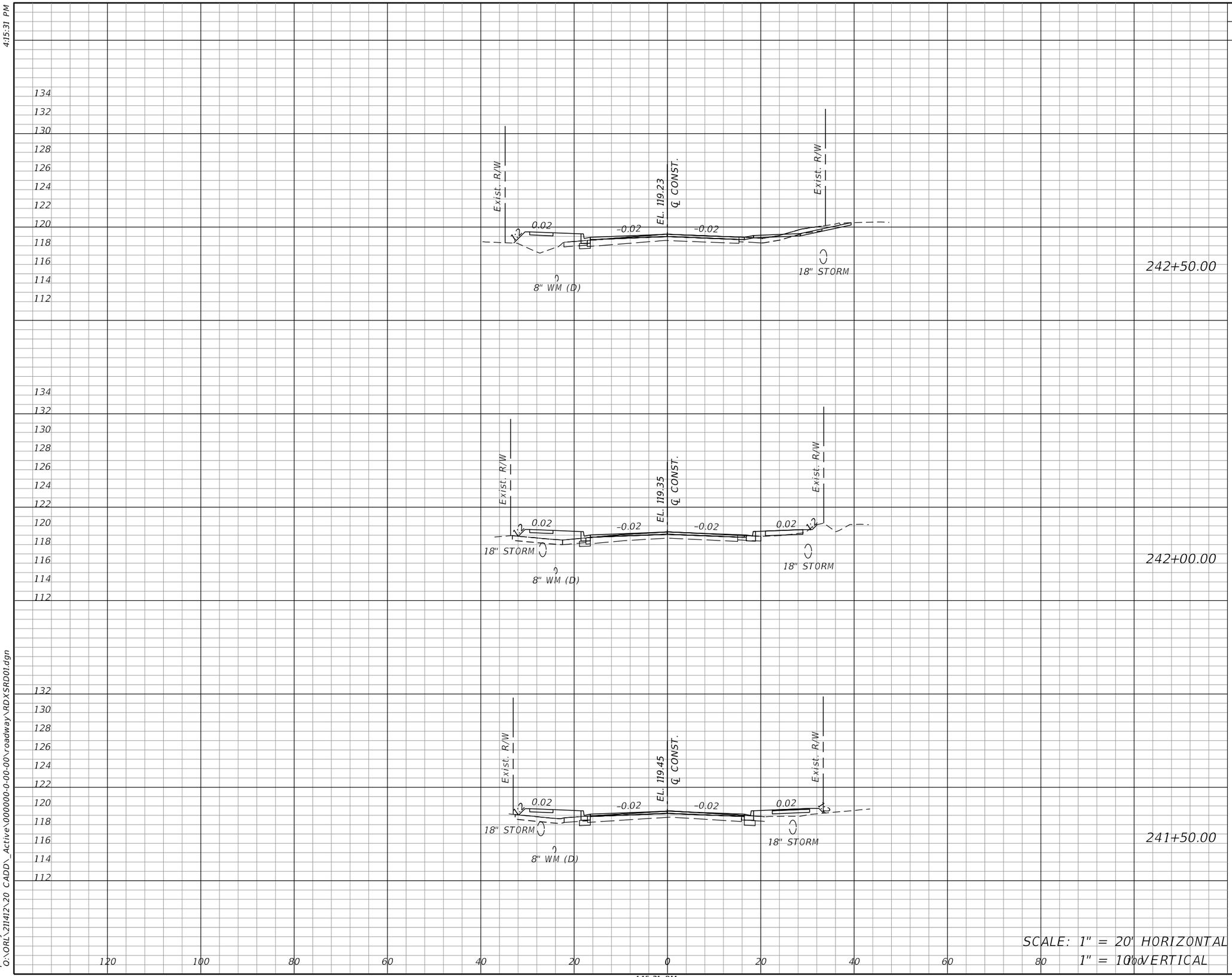

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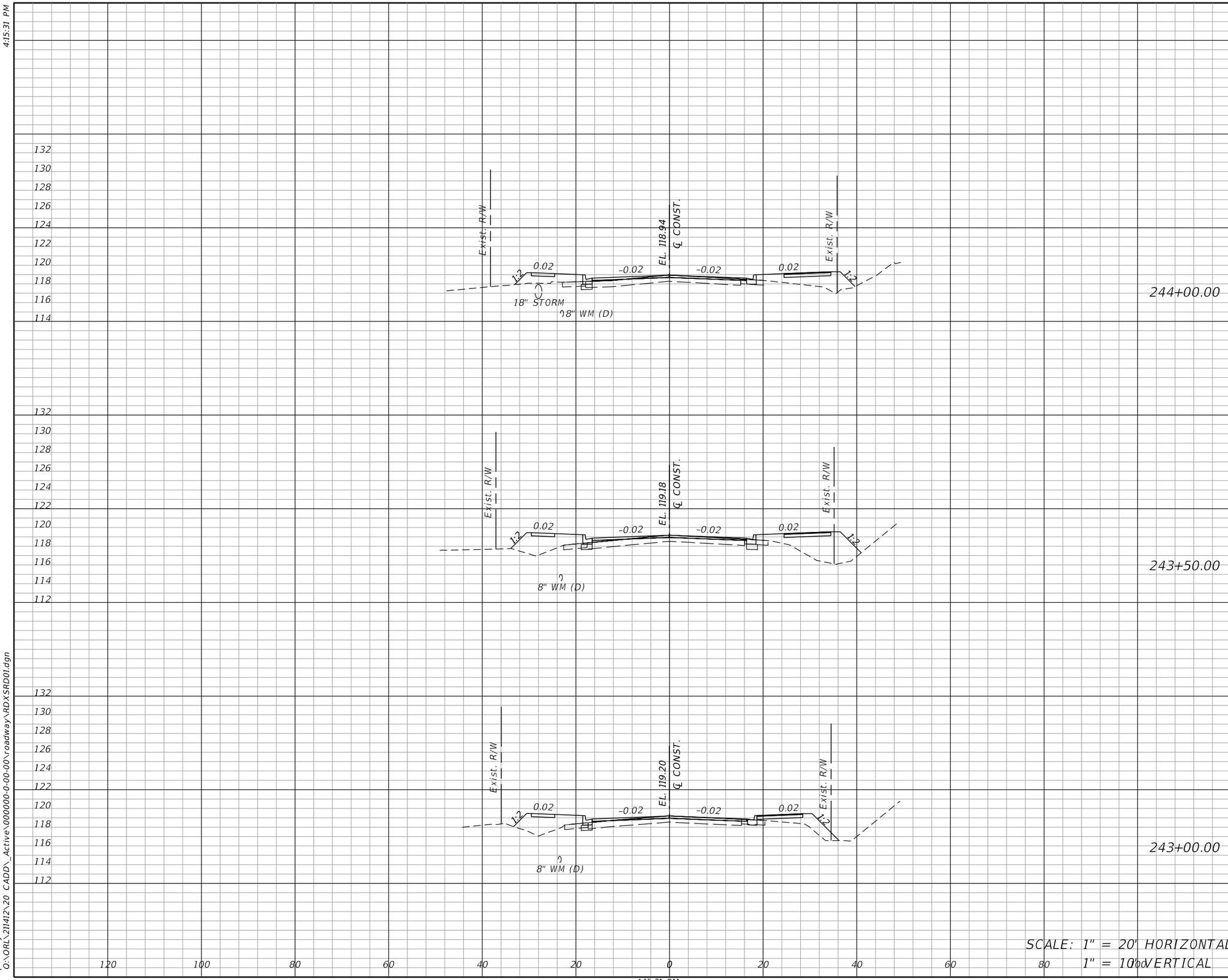

SCALE: 1" = 20' HORIZONTAL
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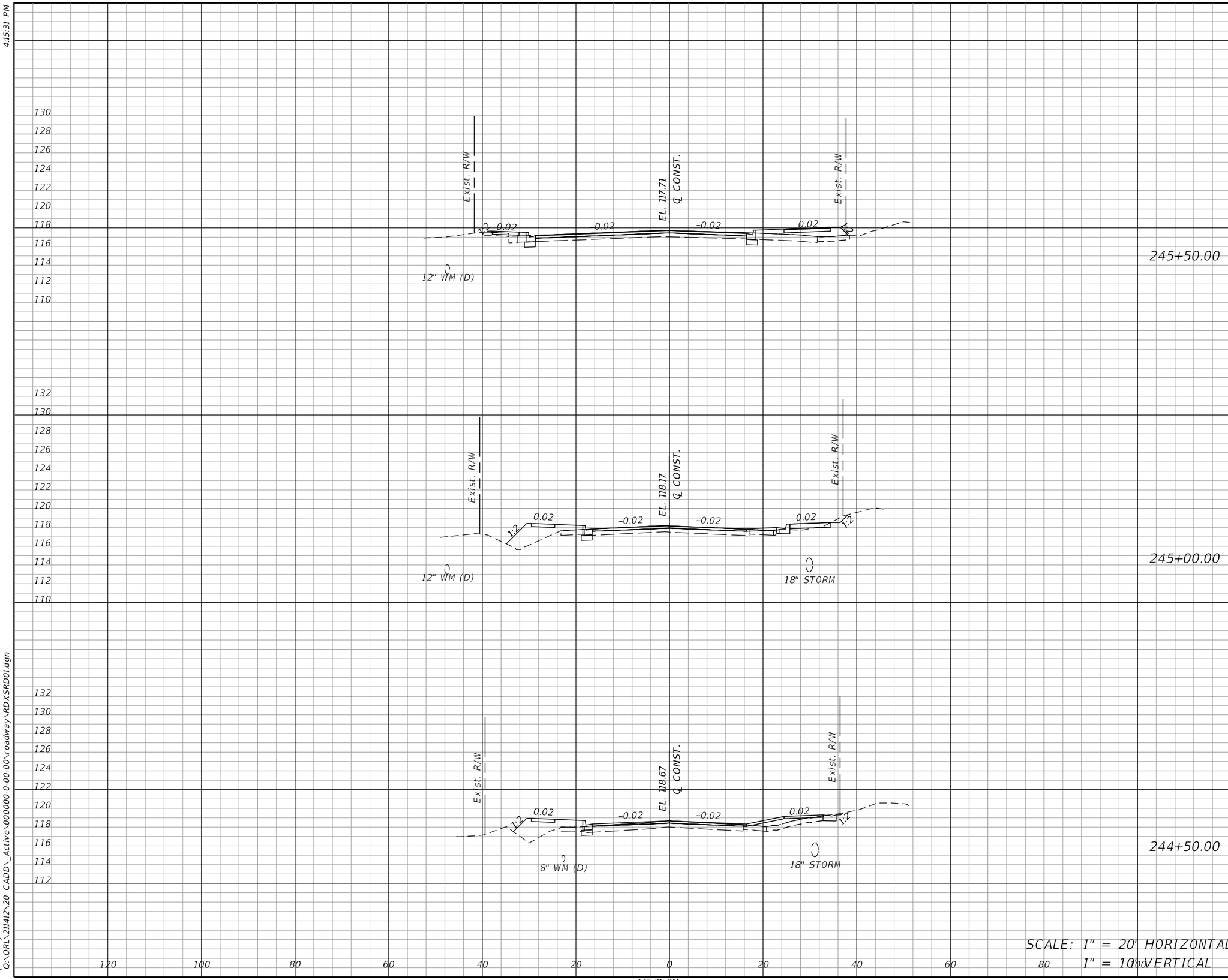

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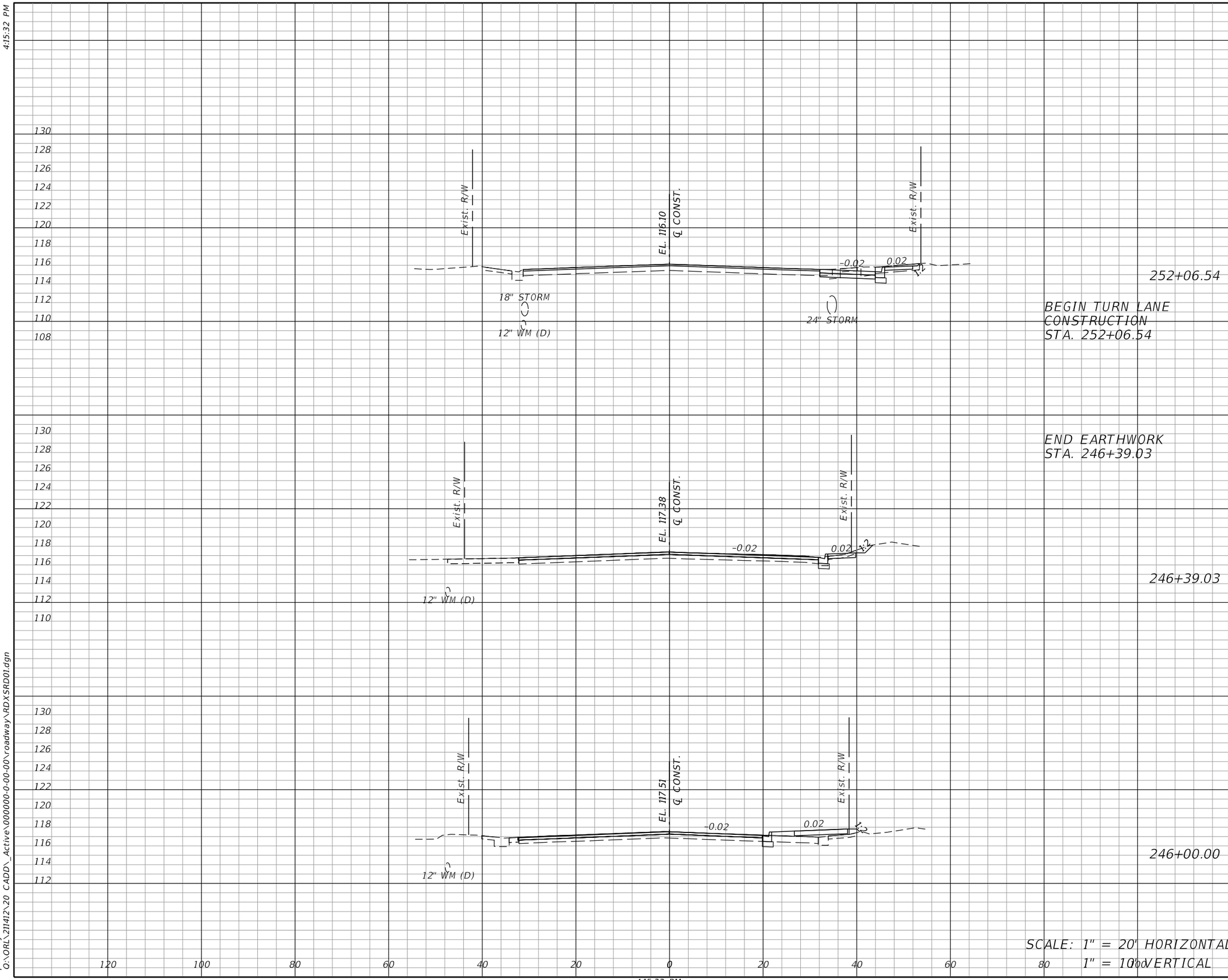

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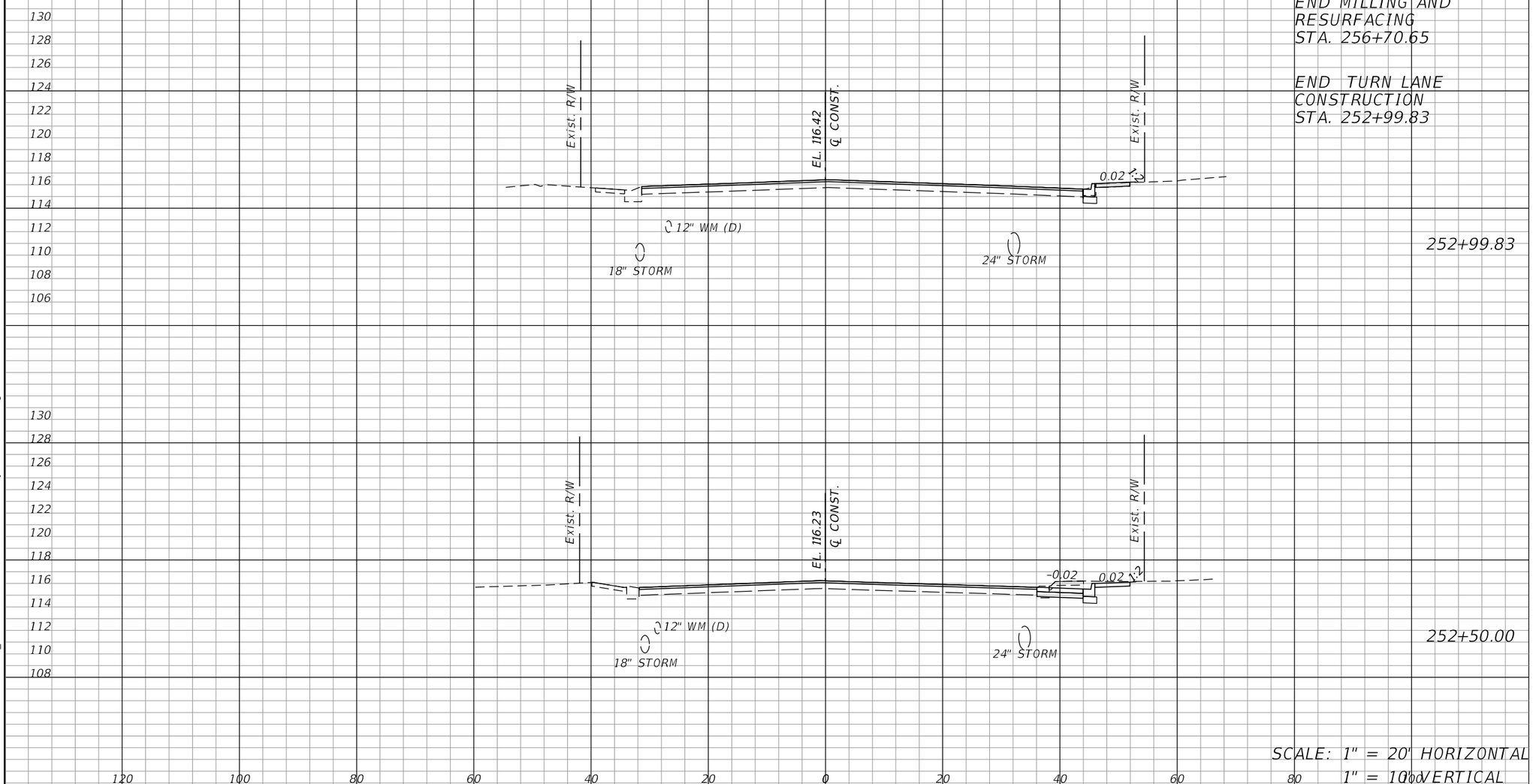

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ENGINEER OF RECORD:
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REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

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SHEET 117

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THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE STANDARD PLANS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT IS THE RECONSTRUCTION / STREET IMPROVEMENT OF OLIVE ROAD WEST. THIS INVOLVES CLEARING AND GRUBBING, CURB AND GUTTER, MILLING AND RESURFACING, UNDERGROUND STORMDRAIN SYSTEMS, STORMWATER MANAGEMENT FACILITIES, PEDESTRAIN IMPROVEMENTS (SIDEWALK, SHARED USE PATH, AND MID-BLOCK CROSS WALKS), AND OPTIONAL IMPROVEMENTS (SIGNAL PLANS, LIGHTING PLANS, AND CSX RAILROAD CROSSING PLANS). THE PROJECT EXTENDS FROM PALAFOX STREET TO DAVIS HIGHWAY, A DISTANCE OF APPROXIMATELY 2.1 MILES.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES IN THE SEDIMENT AND EROSION CONTROL PLAN, FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS BEFORE WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 19.06 ACRES (AREA WITHIN R/W)
TOTAL AREA TO BE DISTURBED: 10.40 ACRES.

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.XX
DURING: VARIES FROM 0.XX TO 0.XX
AFTER: 0.XX

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). IN GENERAL, THE SOILS ARE XXXXXXX.

OUTFALL INFORMATION:

#1 DESCRIPTION: PALAFOX STORMDRAIN SYSTEM
LOCATION:LAT. 30°30'25.7" N, LONG. 87°15'36.4" W
EST. DRAINAGE AREA SIZE: 38.4 ACRES
RECEIVING WATERS: INTERSTATE DITCH SYSTEM

#2 DESCRIPTION: CARPENTER CREEK CULVERT
LOCATION:LAT. 30°30'39.9" N, LONG. 87°14'31.9" W
EST. DRAINAGE AREA SIZE: 134.0 ACRES
RECEIVING WATERS: CARPENTER CREEK

OUTFALL INFORMATION (CONT'D):

#3 DESCRIPTION: CULVERT WEST OF CODY LANE
LOCATION:LAT. 30°30'39.4" N, LONG. 87°14'23" W
EST. DRAINAGE AREA SIZE: 36.7 ACRES
RECEIVING WATERS: CARPENTER CREEK

#4 DESCRIPTION: CD(14"X23"ERCP) EAST OF ERNESTINE ROAD
LOCATION:LAT. 30°30'38.4" N, LONG. 87°13'40" W
EST. DRAINAGE AREA SIZE: XX.X ACRES
RECEIVING WATERS: CARPENTER CREEK?

#5 DESCRIPTION: CD DBL(14"X23"ERCP) WHITMIRE DRIVE
LOCATION:LAT. 30°30'38.4" N, LONG. 87°13'37.3" W
EST. DRAINAGE AREA SIZE: 19.9 ACRES
RECEIVING WATERS: NOT APPLICABLE

#6 DESCRIPTION: CD (18" CMP) AT GOODWILL
LOCATION:LAT. 30°30'38.2" N, LONG. 87°13'28.3" W
EST. DRAINAGE AREA SIZE: XX.X ACRES
RECEIVING WATERS: CARPENTER CREEK?

#7 DESCRIPTION: CD DBL(24" CMP) WEST OF OLIVE BAPTIST
LOCATION:LAT. 30°30'38.2" N, LONG. 87°13'24.7" W
EST. DRAINAGE AREA SIZE: 11.7 ACRES
RECEIVING WATERS: CHURCH POND

1.E. SITE MAP:

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

* DRAINAGE PATTERNS: THE DRAINAGE BASIN DIVIDES AND FLOW DIRECTION ARE SHOWN ON THE DRAINAGE MAPS.IN GENERAL, RUNOFF IS COLLECTED IN ROADSIDE DITCHES AND CONVEYED TO CROSS DRAINS WHERE IT CONTINUES TO FLOW SOUTHEAST.

* APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS, TYPICAL SECTION SHEETS, AND THE PLAN-PROFILE SHEETS. THERE ARE POND CROSS SECTIONS, LOCATED WITH POND DETAIL SHEETS.

* AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE TYPICAL SECTION SHEETS, PLAN-PROFILE SHEETS, AND CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.

* AREAS NOT TO BE DISTURBED: AREAS BEYOND THE LIMITS OF CONSTRUCTION SHOWN ON THE TYPICAL SECTIONS AND PLAN-PROFILE SHEETS ARE NOT TO BE DISTURBED. THE MIDDLE CROSS SECTION OF EXISTING ROADWAY WILL REMAIN TO BE MILLED AND RESURFACED ONLY.

* LOCATIONS OF TEMPORARY CONTROLS: TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITY SHEETS.

* LOCATIONS OF PERMANENT CONTROLS: THE STORM DRAIN PIPES, STRUCTURES, AND STORMWATER POND ARE THE PRIMARY PERMANENT STORMWATER MANAGEMENT CONTROLS. THESE ARE SHOWN IN PLAN-PROFILE SHEETS, DRAINAGE CROSS SECTION SHEETS, AND POND DETAIL SHEETS.

* AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS AND THE PLAN SHEETS.

* SURFACE WATERS: THE ONLY SURFACE WATER WITHIN THE SITE IS CARPENTERS CREEK WHICH FLOWS THROUGH CULVERT AT STA. 189+50.00. THIS IS SHOWN ON THE PLAN-PROFILE SHEETS.

* DISCHARGE POINTS TO SURFACE WATERS: THEY ARE CAPENTERS CREEK AND OLIVE ROAD BAPTIST CHURCH POND. SHOWN IN THE PLAN-PROFILE SHEETS.

1.F. RECEIVING WATERS:

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

*WETLAND IMPACTS EXIST ALONG THE PROJECT, AND SHOWN IN THE PLAN-PROFILE SHEETS NEAR CARPENTERS CREEK CULVERT AND CULVERT WEST OF CODY LANE. THE LIMITS OF WETLANDS WHICH MAY BE DISTURBED AND THOSE THAT SHALL REMAIN UNDISTURBED ARE SHOWN IN PLAN SHEETS AND WETLAND PERMIT. WETLAND POINTS HAVE BEEN MARKED.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL(TTC) PLAN. THE CONTRACTOR MAY CHOOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

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

OUTFALL OF POND 1:

POND 1 CONSTRUCTION:

ROADWAY 130+16.45 TO 256+70.91:

STORMDRAIN CONSTRUCTION / SHARED-USE PATH CONSTRUCTION

2.A.1 STABILIZATION PRACTICES:

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

TEMPORARY:

* ARTIFICIAL COVERINGS IN ACCORDANCE WITH SPECIFICATIONS SECTION 104, THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, AND THE EROSION CONTROL DETAIL SHEET.

* PERFORMANCE TURF & PERFORMANCE TURF (SOD) IN ACCORDANCE WITH SPECIFICATION SECTION 570.

PERMANENT:

* APSHALT AND CONCRETE SURFACES.

* PERFORMANCE TURF (SOD) IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.A.2 STRUCTURAL PRACTICES:

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

STORMWATER POLLUTION PREVENTION PLAN

ESCAMBIA COUNTY, FLORIDA
MOFFATT & NICHOL
100 N SPRING STREET, SUITE 2, PENSACOLA, FLORIDA 32502
ENGINEER OF RECORD: JASON T. RIPLEY
REG. FLA. ENG. NO.: 68328
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 2/2/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

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TEMPORARY:

* SEDIMENT BARRIERS IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 104, THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, AND EROSION CONTROL DETAIL.

* INLET PROTECTION IN ACCORDANCE WITH STANDARD SPECIFICATIONS SECTION 104, THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, AND EROSION CONTROL DETAIL.

PERMANENT:

* STORMWATER POND

* CURB & GUTTER

* PERFORMANCE TURF (SOD)

* RIPRAP

* STORM DRAINS

2.B STORMWATER MANAGEMENT:

A STORM DRAIN SYSTEM WILL BE CONSTRUCTED TO CONVEY RUNOFF TO CARPENTER CREEK CULVERT AND STORMWATER RETENTION / DETENTION PONDS. THE FACILITIES WILL BE PERMITTED BY THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) AND WILL COMPLY WITH ESCAMBIA COUNTY DESIGN STANDARDS.

2.C OTHER CONTROLS:

2.C.1 WASTE DISPOSAL:

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

* PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.

* DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.

* DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

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

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

* COVERING LOADED HAUL TRUCKS WITH TARPAULINS.

* REMOVING EXCESS DIRT FROM ROADS DAILY.

* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.

* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

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

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

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 982 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

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

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

* NO STORMWATER PERMITS HAVE BEEN OBTAINED AT THIS TIME. PERMITS WILL BE APPLIED FOR AT A LATER DATE.

3.0 MAINTENANCE:

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

* SEDIMENT BARRIERS: MAINTAIN PER SECTION 104. REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

* INLET PROTECTION SYSTEM: MAINTAIN PER SECTION 104

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER.

TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

* POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.

* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.

* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.

* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.

* STRUCTURAL CONTROLS.

* STORMWATER MANAGEMENT SYSTEMS.

* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT MR. ALAN HAGANS, THE DISTRICT CONTAMINATION IMPACT COORDINATOR (DCIC) AT (850) 330-1511.

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