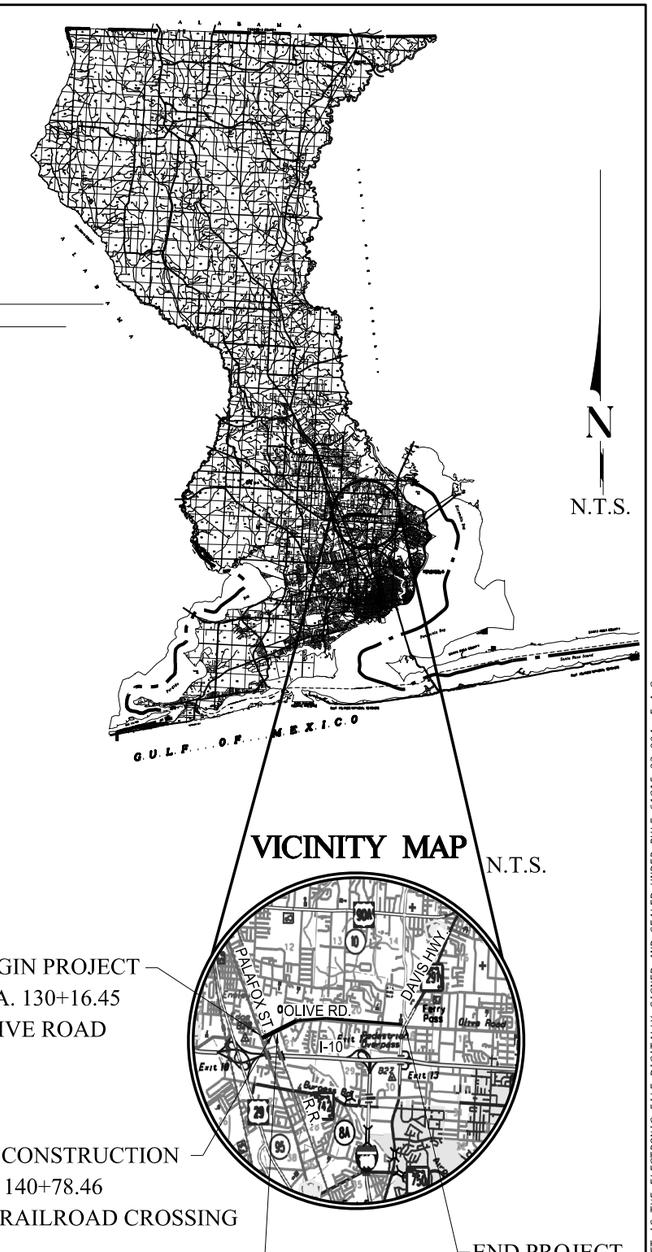
BOARD OF COUNTY COMMISSIONERS
ESCAMBIA COUNTY, FLORIDA
ENGINEERING DEPARTMENT
CONSTRUCTION MANAGEMENT DIVISION



CONTRACT PLAN COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION AND LIGHTING PLANS
LANDSCAPE PLANS

INDEX OF PLANS

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10 - 15	TYPICAL SECTIONS
16	PROJECT LAYOUT
17	GENERAL NOTES
18 - 40	ROADWAY PLAN-PROFILE
41 - 90	DRAINAGE STRUCTURES
91	STORMWATER POND
92	POND TYPICAL SECTION
93	POND DRAINAGE DETAILS
94 - 206	CROSS SECTIONS
207 - 209	STORMWATER POLLUTION PREVENTION PLAN
210 - 221	UTILITY ADJUSTMENTS

PLANS PROPOSED FOR

OLIVE ROAD STREET IMPROVEMENT PROJECT

(PALAFOX STREET TO DAVIS HIGHWAY)

60% PLANS
MAY 2022

PLANS PREPARED BY:

moffatt & nichol

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

GOVERNING STANDARD PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION, FY2022-23 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRs).

STANDARD PLANS FOR ROAD CONSTRUCTION AND ASSOCIATED IRs ARE AVAILABLE AT THE FOLLOWING WEBSITE: http://www.fdot.gov/design/standardplans

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.

COMMISSIONERS

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

	SHEET S-1
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:

Q:\OBL\21412\20 CADD\ Active\000000-0-00-00\roadway\KEYSHD01.dgn 5/11/2022 11:27:03 AM Default awelfle
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
100 N. SPRING ST., STE 2
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ALEXANDER J. WELFLE, P.E. NO. 86552

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
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SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
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17	GENERAL NOTES
18 - 40	ROADWAY PLAN-PROFILE
94 - 206	CROSS SECTIONS
207 - 209	STORMWATER POLLUTION PREVENTION PLAN
210 - 221	UTILITY ADJUSTMENTS

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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92	POND TYPICAL SECTION
93	POND DRAINAGE DETAILS
207 - 209	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: 5/11/2022	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

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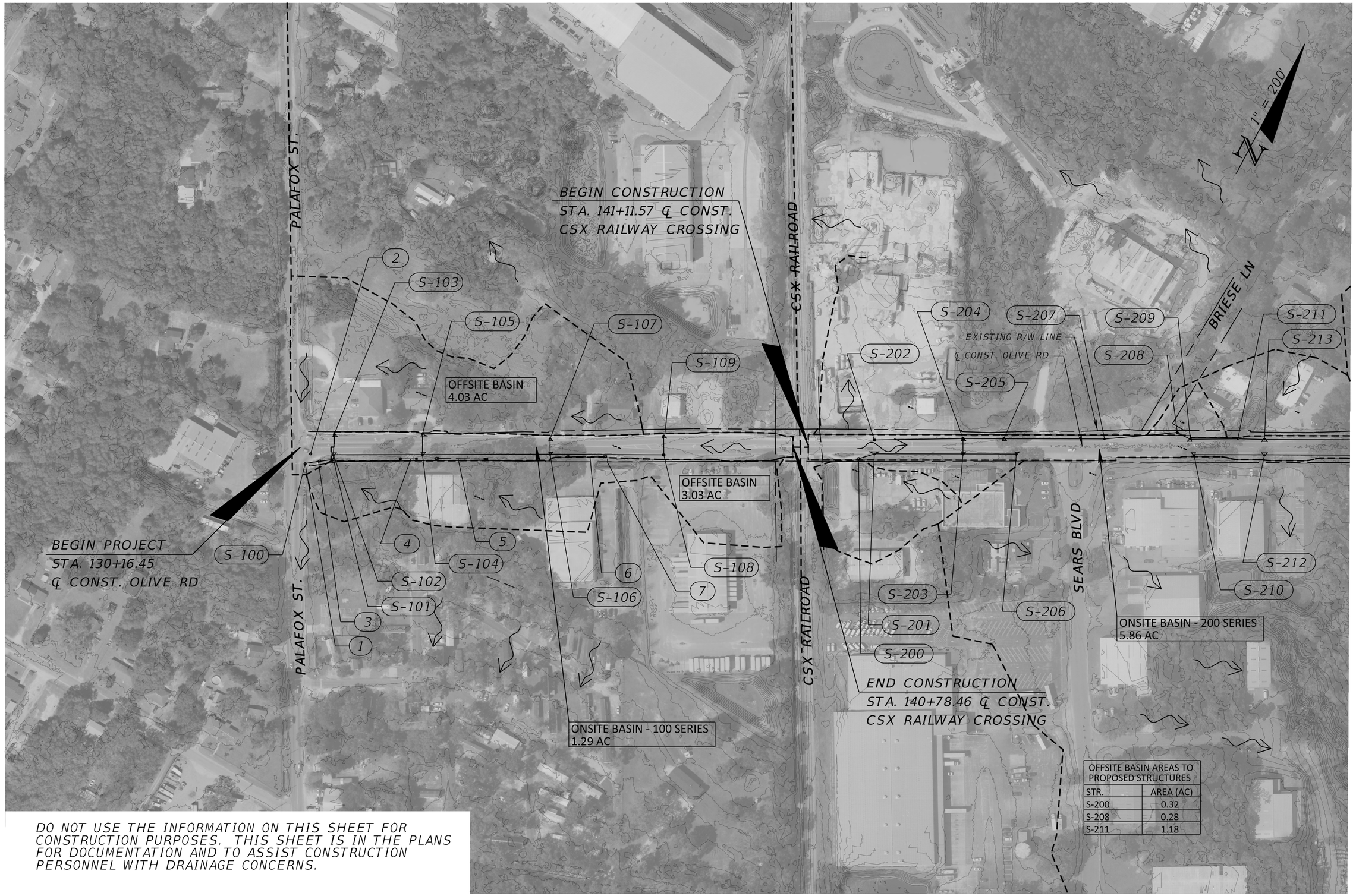

OFFSITE BASIN AREAS TO PROPOSED STRUCTURES	
STR.	AREA (AC)
S-200	0.32
S-208	0.28
S-211	1.18

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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

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

DESIGNED BY: AW
CHECKED BY: JH
DRAWN BY: PD
DISTRICT: 3 & 4
DATE: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
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OFFSITE BASIN AREAS TO PROPOSED STRUCTURES	
STR.	AREA (AC)
S-220	3.58
S-224	0.30
S-226	0.55
S-234	3.79
S-239	3.67
S-243	0.78
S-246	1.19
S-247	0.26
S-251	1.34
S-253	0.09

OFFSITE BASIN AREAS TO PROPOSED STRUCTURES	
STR.	AREA (AC)
S-228	1.53
S-230	0.95
S-233	2.84
S-236	3.28
S-240	2.29
S-244	2.18
S-245	0.82
S-250	0.38

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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

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

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PROJECT MANAGER: DENISE C. BREWER
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SHEET 4

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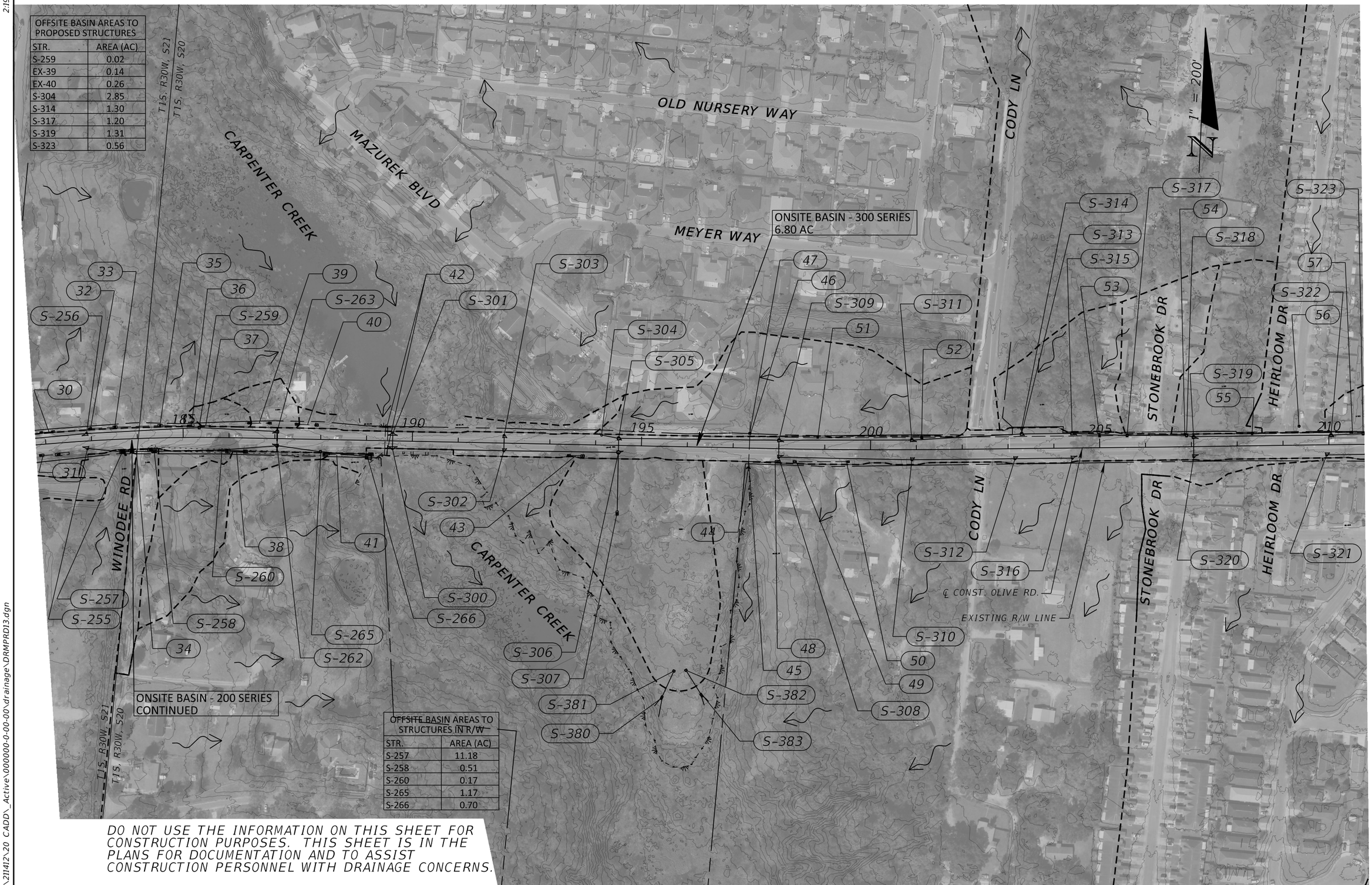

OFFSITE BASIN AREAS TO PROPOSED STRUCTURES	
STR.	AREA (AC)
S-259	0.02
EX-39	0.14
EX-40	0.26
S-304	2.85
S-314	1.30
S-317	1.20
S-319	1.31
S-323	0.56

OFFSITE BASIN AREAS TO STRUCTURES IN R/W	
STR.	AREA (AC)
S-257	11.18
S-258	0.51
S-260	0.17
S-265	1.17
S-266	0.70

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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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
REG. FLA. ENG. NO.: 68328
PHONE NUMBER: (850) 815-3040
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OFFSITE BASIN AREAS TO STRUCTURES IN R/W

STR.	AREA (AC)	STR.	AREA (AC)
S-326	0.64	S-348	0.41
S-330	0.22	S-349	0.16
S-331	0.22	S-354	1.47
S-333	0.30	S-358	2.42
S-336	1.07	S-365	10.07
S-337	1.90	S-367	2.09
S-340	1.98	S-370	0.40
S-341	3.29	S-371	0.17
S-344	0.96	EX-121	1.31
S-347	1.28		

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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

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

DESIGNED BY: AW
CHECKED BY: JH
DISTRICT: 3 & 4
DRAWN BY: PD
PROJECT MANAGER: DENISE C. BREWER
SECTION - TOWNSHIP / RANGE: 18, 20, & 21 - 1S - 30W
DATE: 5/11/2022
FIELD BOOK / PAGES:

NUMBER	REVISIONS	DATE	APPROVED BY

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OFFSITE BASIN AREAS TO STRUCTURES IN R/W	
STR.	AREA (AC)
S-403	0.02
S-406	0.67
S-411	0.10
S-417	0.02

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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
DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4
FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W	

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

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2:20:40 PM

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
18" R.C.P.
W. FL 132.78

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

11 MES
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
18" R.C.P.
W. FL 125.86

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

15 MES
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
24" R.C.P.
E. FL 115.07

28 MES
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 102.05

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W

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SHEET 8

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11:30:54 AM

(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 115.58
E. FL 114.49
S. FL 114.53 / 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

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 5/11/2022
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

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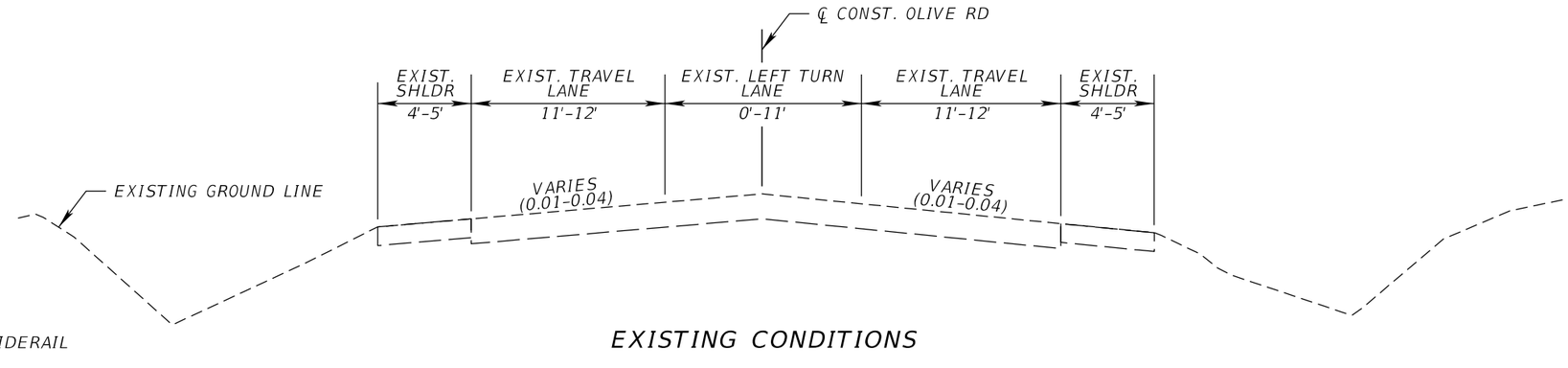
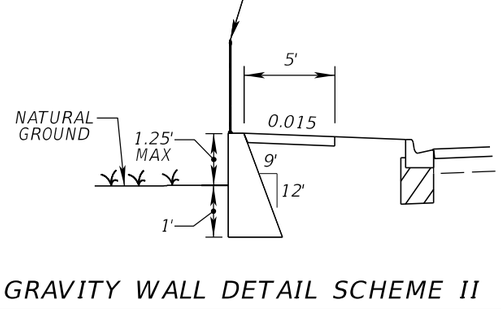


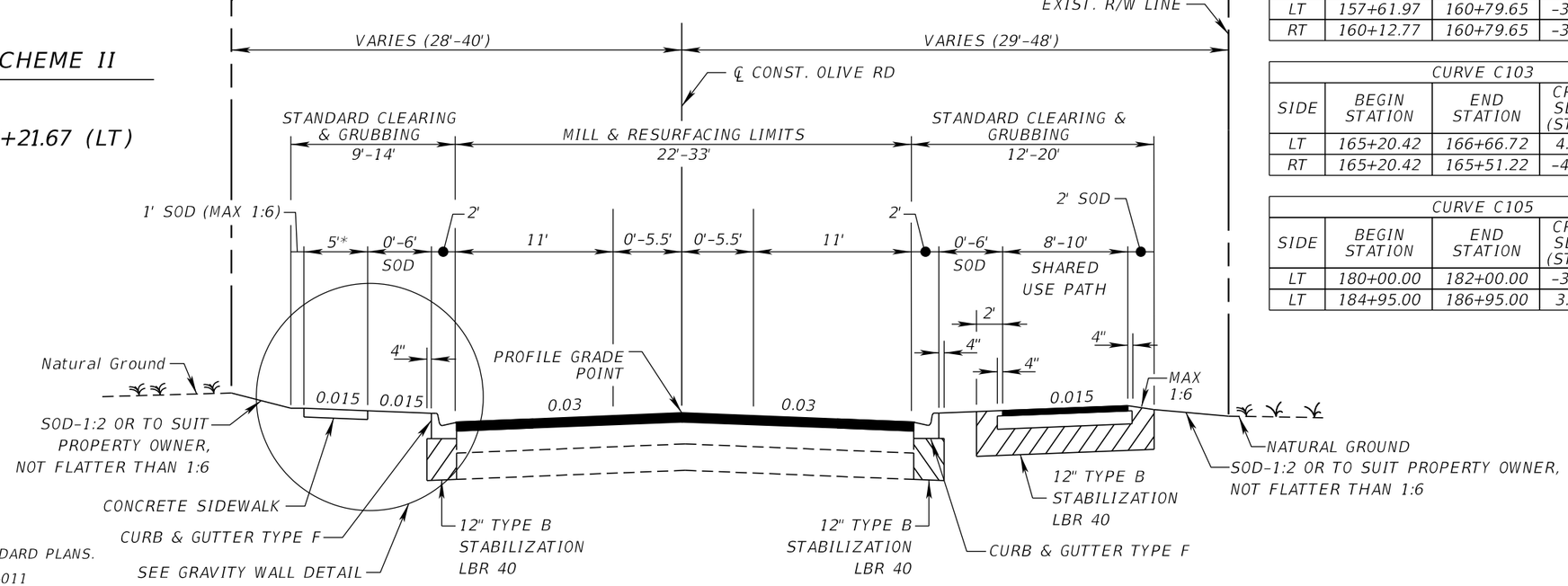
EXISTING CONDITIONS



GRAVITY WALL DETAIL SCHEME II

(N.T.S.)

STA. 130+55.00 TO STA. 131+21.67 (LT)



NOTE: REFER TO FDOT FY 2022-23 STANDARD PLANS.

1) GRAVITY WALL SCHEME II INDEX 400-011

2) PIPE GUIDERAIL INDEX 515-070.

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

SUPER-ELEVATION TABLE

CURVE C102				
SIDE	BEGIN STATION	END STATION	CROSS SLOPE (START)	CROSS SLOPE (END)
LT	157+61.97	160+79.65	-3.00%	4.60%
RT	160+12.77	160+79.65	-3.00%	-4.60%

CURVE C103				
SIDE	BEGIN STATION	END STATION	CROSS SLOPE (START)	CROSS SLOPE (END)
LT	165+20.42	166+66.72	4.60%	-3.00%
RT	165+20.42	165+51.22	-4.60%	-3.00%

CURVE C105				
SIDE	BEGIN STATION	END STATION	CROSS SLOPE (START)	CROSS SLOPE (END)
LT	180+00.00	182+00.00	-3.00%	3.00%
LT	184+95.00	186+95.00	3.00%	-3.00%

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 TO MATCH SLOPE

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

PROJECT MANAGER: DENISE C. BREWER

DATE: 5/11/2022

FIELD BOOK / PAGES:

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

DISTRICT: 3 & 4

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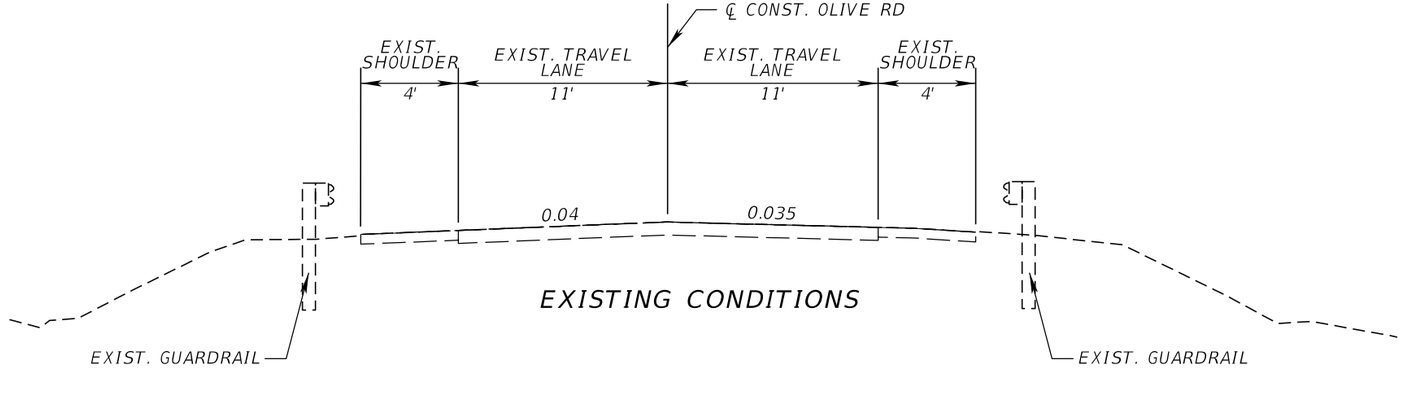

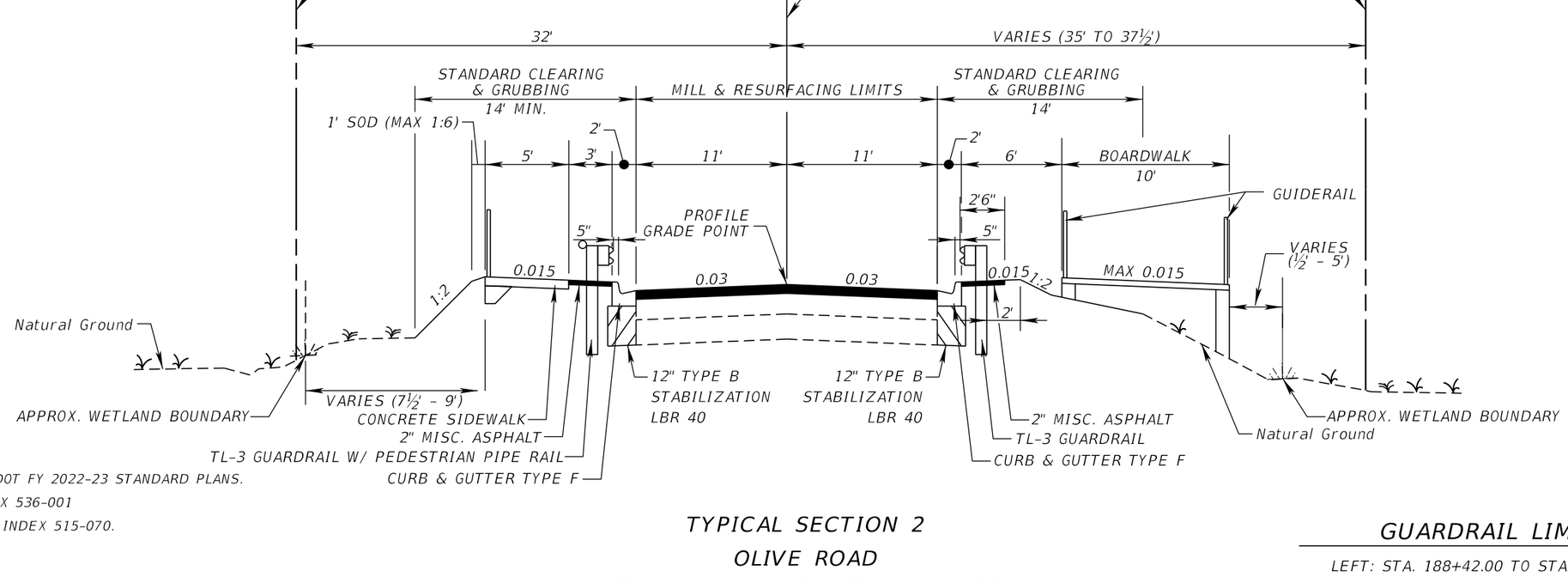

NOTE: REFER TO FDOT FY 2022-23 STANDARD PLANS.

1) GUARDRAIL INDEX 536-001

2) 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 TO MATCH SLOPE
TYPE SP-9.5 STRUCTURAL COURSE (TRAFFIC C) (1")
FRICTION COURSE FC 9.5 (1")(PG76-22)

GUARDRAIL LIMITS

LEFT: STA. 188+42.00 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

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: 5/11/2022	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		

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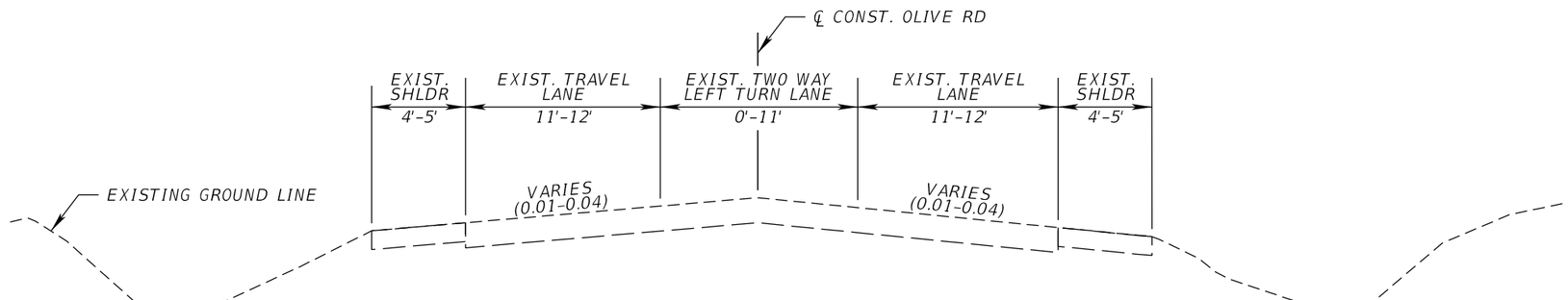
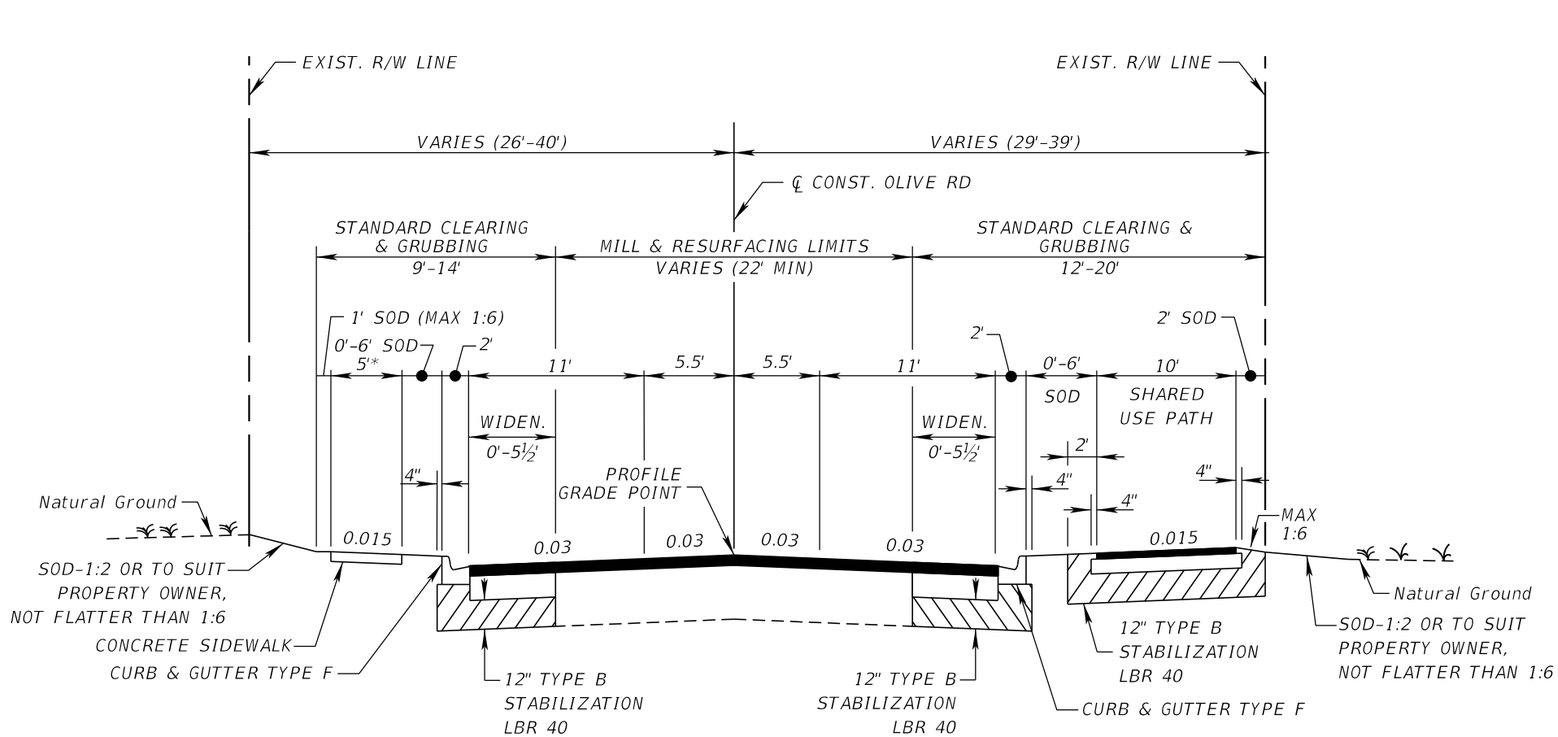


EXISTING CONDITIONS



NOTE: NEW CONCRETE SIDEWALK ENDS AT STA. 245+62.03

TYPICAL SECTION 3
OLIVE ROAD
STA. 199+31.08 TO STA. 246+39.03

MILLING & RESURFACING

MILL 2" PAVEMENT TO MATCH SLOPE
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")

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)

*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
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 5 & 4
DATE: 5/11/2022
FIELD BOOK / PAGES:
SECTION - TOWNSHIP / RANGE: 18, 20, & 21 - 1S - 30W

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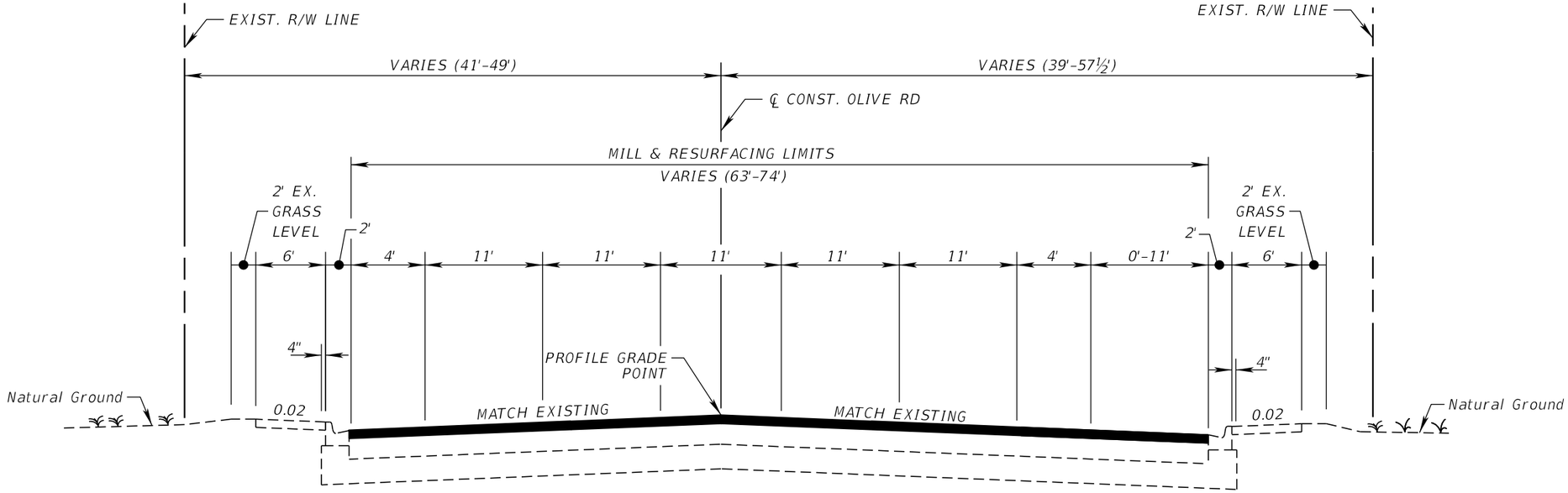

TYPICAL SECTION 4
OLIVE ROAD
STA. 246+39.03 TO STA. 256+70.65

MILLING & RESURFACING

MILL 2" PAVEMENT TO MATCH SLOPE
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

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: 5/17/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

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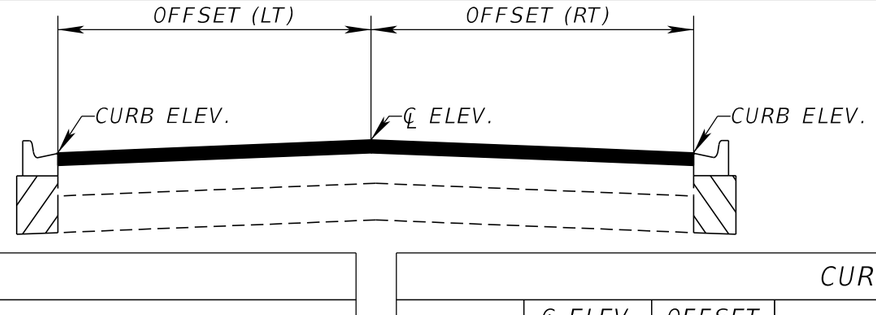

CURB DETAIL TABLE

STATION	℄ ELEV. (FT)	OFFSET (FT)	SIDE	CURB ELEV. (FT)	COMMENTS
130+66.36	129.60	22	LT	128.94	PALAFOX ST. / RIGHT TURN LANE
130+79.18	129.65	11	RT	129.32	PALAFOX ST.
131+59.13	129.93	11	RT	129.60	
131+59.13	129.93	22	LT	129.27	
132+58.31	130.52	11	RT	130.19	
132+58.31	130.52	22	LT	129.86	
132+98.10	130.80	22	LT	130.14	END RIGHT TURN LANE
133+57.42	131.22	11	RT	130.89	
133+57.42	131.22	19.16	LT	130.65	
134+55.86	131.70	11	RT	131.37	
134+55.86	131.70	14.38	LT	131.27	
135+48.10	132.19	11	LT	131.86	END RIGHT TURN LANE TRANSITION
135+53.88	132.22	11	LT/RT	131.89	
135+77.31	132.33	11	RT	132.00	FIRST CITY GYMNASTICS
136+45.00	132.66	11	LT	132.33	BEGIN LEFT TURN LANE TRANSITION
136+54.59	132.71	11.41	LT	132.37	
136+80.51	132.76	12.31	RT	132.39	FIRST CITY GYMNASTICS
137+24.76	132.84	13.93	RT	132.42	OLD DOMINION FRIEGHT
137+53.23	132.89	14.92	LT	132.44	
137+95.00	133.20	16.5	LT	132.71	LEFT TURN LANE
138+55.06	133.65	16.5	LT	133.15	
139+06.58	134.05	16.5	RT	133.56	OLD DOMINION FRIEGHT
139+55.01	134.43	16.5	LT/RT	133.94	
139+90.00	134.70	16.5	LT/RT	134.20	LEFT TURN LANE
140+54.83	135.19	14.25	LT/RT	135.02	
140+78.46	135.15	13.24	LT/RT	135.15	CSX CROSSING
141+11.57	135.10	12.03	LT/RT	135.10	CSX CROSSING
141+40.00	135.06	11	LT/RT	134.90	END LEFT TURN LANE TRANSITION
141+55.86	135.04	11	LT/RT	134.79	
142+10.79	134.82	11	LT	134.49	SRM CONCRETE
142+54.42	134.64	11	RT	134.31	
143+31.51	134.88	11	LT	134.55	SRM CONCRETE
143+56.57	134.95	11	LT/RT	134.62	
144+57.39	135.29	11	LT/RT	134.96	
145+42.96	135.73	11	LT	135.40	CEMEX PENSACOLA
145+58.62	135.82	11	RT	135.49	
145+72.04	135.86	11	RT	135.53	SEARS BLVD.
146+68.98	136.11	11	LT	135.78	CEMEX PENSACOLA
147+59.75	136.13	11	LT	135.80	
148+03.10	136.12	11	RT	135.79	SEARS BLVD.
148+03.27	136.12	11	LT	135.79	BRIESE LN.
148+40.02	136.12	11	RT	135.79	TESLA
149+25.03	136.13	11	LT	135.80	BRIESE LN.
149+33.85	136.13	11	RT	135.80	TESLA
149+41.00	136.13	11	LT	135.80	XPRESS MART
149+58.41	136.13	11	RT	135.80	
150+39.77	136.03	11	LT	135.70	XPRESS MART
150+58.48	136.00	11	LT/RT	135.67	
151+57.85	136.10	11	LT/RT	135.77	
152+59.49	136.17	11	LT/RT	135.84	
153+59.89	136.17	11	LT/RT	135.84	
154+59.48	136.13	11	LT/RT	135.80	
155+59.71	136.19	11	LT/RT	135.86	
156+33.03	136.04	11	RT	135.71	OAK FOREST DR.

CURB DETAIL TABLE

STATION	℄ ELEV. (FT)	OFFSET (FT)	SIDE	CURB ELEV. (FT)	COMMENTS
156+58.68	135.99	11	LT	135.66	
157+37.57	135.97	11	LT	135.64	MAGNOLIA PL.
157+73.31	135.97	11	RT	135.64	OAK FOREST DR.
158+24.28	135.99	22	LT	135.65	MAGNOLIA PL./RT TURN LANE/SUPER
158+56.89	136.00	22	LT	135.84	SUPERELEVATED
158+56.89	136.00	11	RT	135.67	
158+81.01	135.87	22	LT	135.84	RIGHT TURN LANE / SUPERELEVATED
159+30.99	135.61	11	LT	135.72	RIGHT TURN LANE / SUPERELEVATED
159+57.61	135.47	11	LT	135.65	SUPERELEVATED
159+57.61	135.47	11	RT	135.14	
160+57.39	134.50	11	LT	134.94	SUPERELEVATED
160+57.39	134.50	11	RT	134.05	SUPERELEVATED
161+24.38	133.81	11	LT	134.32	CRYSTAL WELLS PL. / SUPERELEVATED
161+57.21	133.48	11	RT	132.97	SUPERELEVATED
162+58.22	132.53	11	RT	132.02	SUPERELEVATED
162+64.60	132.47	11	LT	132.97	CRYSTAL WELLS PL. / SUPERELEVATED
163+58.72	131.60	11	LT	132.10	SUPERELEVATED
163+58.72	131.60	11	RT	131.09	SUPERELEVATED
164+58.98	130.57	11	LT	131.08	SUPERELEVATED
164+58.98	130.57	11	RT	130.07	SUPERELEVATED
165+14.52	130.04	11	LT	130.54	SHORT DR. / SUPERELEVATED
165+59.49	129.61	11	RT	129.28	
165+81.86	129.39	11	LT	129.55	SHORT DR. / SUPERELEVATED
166+61.08	128.63	11	LT	128.34	SUPERELEVATED
166+61.08	128.63	11	RT	128.30	
167+59.53	127.75	11	LT/RT	127.42	
168+57.96	126.81	11	LT/RT	126.48	
168+88.46	126.51	11	RT	126.18	DEBORAH DR.
169+59.65	125.83	11	LT	125.50	
170+01.18	125.46	11	RT	125.13	DEBORAH DR.
170+59.18	124.95	11	LT/RT	124.62	
171+59.28	124.14	11	LT/RT	123.81	
172+58.41	123.38	11	LT/RT	123.05	
173+59.64	122.69	11	LT/RT	122.36	
174+58.48	122.04	11	LT/RT	121.71	
174+60.66	122.03	11	RT	121.70	CORONET DR
175+58.43	121.41	11	LT	121.08	
176+02.56	121.12	11	RT	120.79	CORONET DR
176+58.07	120.75	11	LT/RT	120.42	
177+57.79	119.89	11	LT/RT	119.56	
178+56.28	118.90	11	LT/RT	118.57	
179+56.38	117.70	11	LT/RT	117.37	
180+10.33	116.98	11	RT	116.65	DRIVEWAY
180+35.34	116.65	11	LT	116.44	ACKERMAN DR
181+24.74	115.26	11	LT	115.34	ACKERMAN DR
181+29.54	115.18	11	RT	114.85	DRIVEWAY
181+54.59	114.77	11	LT	114.95	
181+54.59	114.77	11	RT	114.44	
182+56.46	112.69	11	LT	113.02	
182+56.46	112.69	11	RT	112.36	
183+56.01	110.77	11	LT	111.10	
183+56.01	110.77	11	RT	110.44	
183+56.17	110.77	11	RT	110.44	WINODEE RD.
184+38.63	108.75	11	RT	108.42	WINODEE RD.

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTION DETAILS

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: 5/11/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

SECTION - TOWNSHIP - RANGE: 18, 20, & 21 - 1S - 30W

FIELD BOOK / PAGES:

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 14

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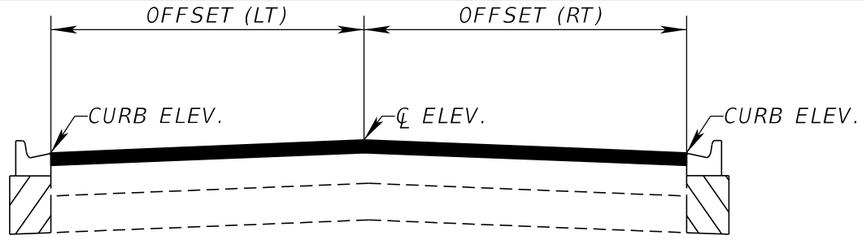

CURB DETAIL TABLE

STATION	℄ ELEV. (FT)	OFFSET (FT)	SIDE	CURB ELEV. (FT)	COMMENTS
184+54.63	108.35	11	LT	108.68	
184+54.63	108.35	11	RT	108.02	
185+56.35	105.55	11	LT	105.67	
185+56.35	105.55	11	RT	105.22	
186+55.83	103.48	11	LT	103.28	
186+55.83	103.48	11	RT	103.15	
187+55.84	101.85	11	LT/RT	101.52	
188+56.63	100.69	11	LT/RT	100.36	
189+57.04	100.10	11	LT/RT	99.77	
190+55.85	100.54	11	LT/RT	100.21	
191+56.75	101.38	11	LT/RT	101.05	
192+54.60	102.39	11	LT/RT	102.06	
193+55.32	103.42	11	LT/RT	103.09	
195+54.61	105.11	11	LT/RT	104.78	
196+56.17	106.06	11	LT/RT	105.73	
196+90.89	106.30	11	LT	105.97	THREE LANE TRANSITION
196+91.26	106.30	11	RT	105.97	THREE LANE TRANSITION
197+56.33	106.75	12.5	LT/RT	106.38	
198+55.16	107.63	14.76	LT/RT	107.18	
199+31.08	108.33	16.5	LT/RT	107.84	THREE LANE TRANSITION
199+56.02	108.57	16.5	LT/RT	108.07	
200+56.58	109.29	16.5	LT/RT	108.80	
201+54.29	110.12	16.5	LT/RT	109.62	
201+77.20	110.33	16.5	LT	109.83	CODY LN.
201+99.58	110.53	16.5	RT	110.04	CODY LN.
202+80.66	111.27	16.5	RT	110.78	CODY LN.
203+22.97	111.66	27.5	LT	110.83	CODY LN. / RIGHT TURN LANE
203+51.83	111.92	27.5	LT	111.09	
203+51.83	111.92	16.5	RT	111.42	
204+59.05	112.93	27.5	LT	112.11	
204+59.05	112.93	16.5	RT	112.44	
205+25.00	113.50	27.5	LT	112.68	RIGHT TURN LANE
205+42.77	113.65	16.5	RT	113.16	STONEBROOK DR.
205+54.82	113.76	20.95	LT	113.13	
205+54.82	113.76	16.5	RT	113.26	
205+71.80	113.92	17.2	LT	113.41	STONEBROOK DR. / RIGHT TURN LANE
206+72.94	114.91	16.5	RT	114.42	STONEBROOK DR.
206+92.51	115.10	16.5	LT	114.61	STONEBROOK DR.
207+54.39	115.70	16.5	LT/RT	115.21	
208+40.88	116.42	16.5	RT	115.93	HEIRLOOM DR.
208+52.95	116.52	16.5	LT	116.03	
208+53.37	116.52	16.5	LT	116.03	HEIRLOOM DR.
209+60.58	117.31	16.5	RT	116.81	HEIRLOOM DR.
209+98.72	117.51	16.5	LT	117.01	HEIRLOOM DR.
210+51.93	117.79	16.5	LT/RT	117.29	
211+53.28	118.33	16.5	LT/RT	117.84	
212+09.07	118.67	16.5	LT	118.17	BRIARWOOD CONDO.
212+49.81	118.91	16.5	RT	118.42	
213+17.05	119.36	27.5	LT	118.53	BRIARWOOD CONDO. / RIGHT TURN LANE
213+52.41	119.59	16.5	RT	119.10	
213+52.41	119.59	27.5	LT	118.77	
214+10.78	119.88	27.5	LT	119.06	RIGHT TURN LANE
214+26.88	119.96	16.5	RT	119.47	EL ESTRECHO DR.
214+52.57	120.09	16.5	RT	119.60	

CURB DETAIL TABLE

STATION	℄ ELEV. (FT)	OFFSET (FT)	SIDE	CURB ELEV. (FT)	COMMENTS
214+52.57	120.09	17.96	LT	119.55	
214+60.78	120.12	16.5	LT	119.63	RIGHT TURN LANE
215+00.87	120.29	16.5	RT	119.80	EL ESTRECHO DR.
215+53.76	120.51	16.5	LT/RT	120.02	
215+93.60	120.63	16.5	LT	120.14	VALERO
216+52.97	120.81	16.5	RT	120.32	
217+11.44	120.88	16.5	LT	120.39	VALERO
217+52.51	120.93	16.5	LT/RT	120.44	
218+54.75	121.35	16.5	LT/RT	120.85	
219+51.91	121.58	16.5	LT/RT	121.09	
220+53.63	121.67	16.5	LT/RT	121.17	
221+48.83	121.65	16.5	RT	121.15	IRA DR.
221+52.51	121.65	16.5	LT	121.15	
221+98.50	121.68	16.5	RT	121.18	IRA DR.
222+52.88	121.72	16.5	LT/RT	121.22	
223+53.73	121.66	16.5	LT/RT	121.17	
224+52.49	121.63	16.5	LT/RT	121.14	
225+40.39	121.40	16.5	RT	120.91	HILLBURN RD.
225+53.07	121.37	16.5	LT	120.88	
225+99.84	121.26	16.5	RT	120.77	HILLBURN RD.
226+53.57	121.14	16.5	LT/RT	120.65	
227+53.95	120.63	16.5	LT/RT	120.14	
228+52.89	120.28	16.5	LT/RT	119.78	
229+53.21	119.92	16.5	LT/RT	119.43	
230+53.28	119.79	16.5	LT/RT	119.30	
231+52.75	119.81	16.5	LT/RT	119.31	
232+52.56	119.89	16.5	LT/RT	119.39	
233+51.76	119.93	16.5	LT/RT	119.43	
233+59.84	119.92	16.5	LT	119.43	ERNESTINE RD.
234+52.54	119.90	16.5	RT	119.41	
234+60.99	119.90	16.5	LT	119.40	ERNESTINE RD.
235+52.10	119.86	16.5	LT/RT	119.36	
236+53.27	119.85	16.5	LT/RT	119.35	
236+72.74	119.85	16.5	RT	119.35	WHITMIRE DR.
236+82.49	119.85	16.5	LT	119.35	WHITMIRE DR.
237+92.07	119.82	16.5	RT	119.33	WHITMIRE DR.
238+30.88	119.80	16.5	LT	119.30	WHITMIRE DR.
238+51.85	119.79	16.5	LT/RT	119.29	
239+50.16	119.73	16.5	LT/RT	119.23	
240+53.49	119.56	16.5	LT/RT	119.07	
241+52.47	119.47	16.5	LT/RT	118.97	
241+93.67	119.37	16.5	RT	118.87	GOODWILL
242+54.75	119.22	16.5	LT	118.73	
243+04.54	119.20	16.5	RT	118.71	GOODWILL
243+55.74	119.18	16.5	LT/RT	118.69	
243+97.13	118.96	16.5	RT	118.47	GOODWILL
244+51.32	118.67	16.5	LT	118.18	
245+12.03	118.09	16.5	LT	117.76	FIVE LANE TRANSITION
245+16.76	118.05	16.5	RT	117.72	GOODWILL
245+52.75	117.71	29.52	LT	117.12	
245+52.75	117.71	16.5	RT	117.38	
245+62.03	117.67	MATCH	LT	MATCH EX.	FIVE LANE TRANSITION
245+89.04	117.57	16.5	RT	117.24	FIVE LANE TRANSITION
246+39.04	117.39	MATCH	RT	MATCH EX.	FIVE LANE TRANSITION

OLIVE ROAD STREET IMPROVEMENT PROJECT

TYPICAL SECTION DETAILS

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: 5/17/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGE(S):
SECTION - TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 15

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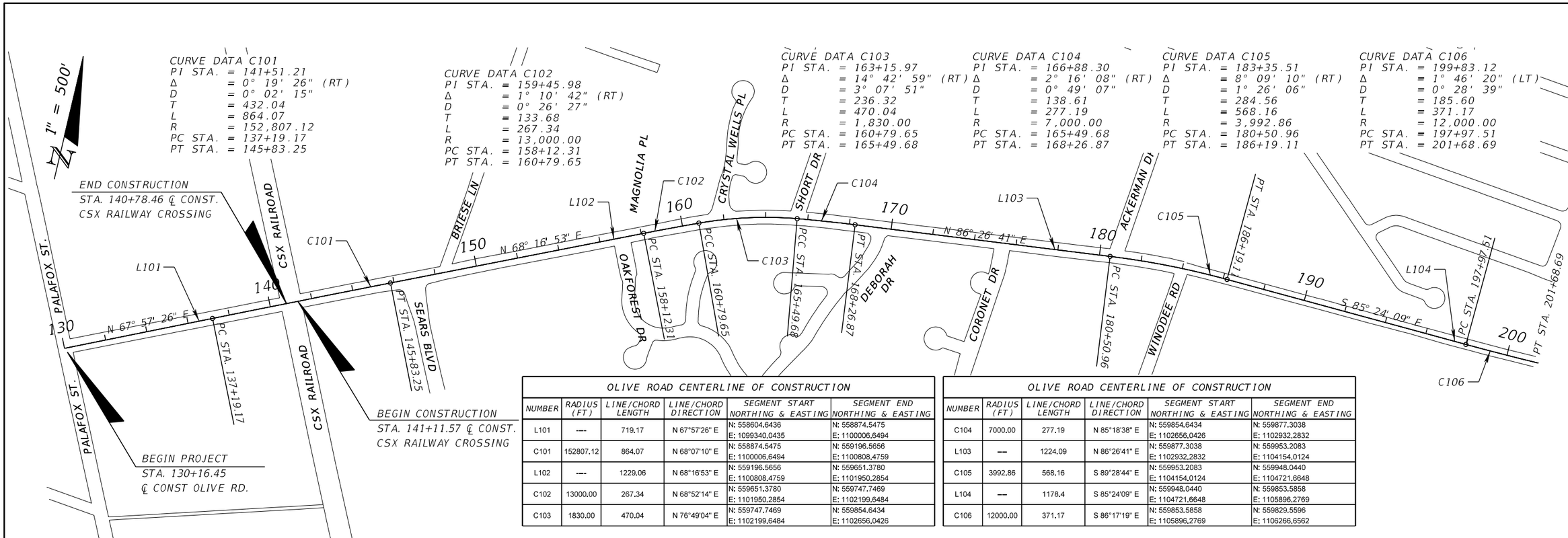

OLIVE ROAD CENTERLINE OF CONSTRUCTION					
NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
L101	---	719.17	N 67°57'26" E	N: 558604.6436 E: 1099340.0435	N: 558874.5475 E: 1100006.6494
C101	152807.12	864.07	N 68°07'10" E	N: 558874.5475 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	470.04	N 76°49'04" E	N: 559747.7469 E: 1102199.6484	N: 559854.6434 E: 1102656.0426

OLIVE ROAD CENTERLINE OF CONSTRUCTION					
NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
C104	7000.00	277.19	N 85°18'38" E	N: 559854.6434 E: 1102656.0426	N: 559877.3038 E: 1102932.2832
L103	---	1224.09	N 86°26'41" E	N: 559877.3038 E: 1102932.2832	N: 559953.2083 E: 1104154.0124
C105	3992.86	568.16	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	371.17	S 86°17'19" E	N: 559853.5858 E: 1105896.2769	N: 559829.5596 E: 1106266.6562

OLIVE ROAD CENTERLINE OF CONSTRUCTION					
NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
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
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

OLIVE ROAD CENTERLINE OF CONSTRUCTION					
NUMBER	RADIUS (FT)	LINE/CHORD LENGTH	LINE/CHORD DIRECTION	SEGMENT START NORTHING & EASTING	SEGMENT END NORTHING & EASTING
L109	---	221.4	S 87°09'05" E	N: 559597.7760 E: 1111034.4928	N: 559586.7734 E: 1111255.6190
C107	2291.83	482.43	S 81°07'16" E	N: 559586.7734 E: 1111255.6190	N: 559512.4501 E: 1111731.3851
C108	2291.83	504.73	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
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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. CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS.

15. 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.

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

17. 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

18. 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.

19. 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.

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

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

22. 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.

23. 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.

24. 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.

25. 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.

26. 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.

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

28. FOR NARROW DRIVEWAY REPLACEMENT (≤16' WIDTH) CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNER PRIOR TO CONSTRUCTION SO TO MINIMIZE INGRESS/EGRESS INCONVENIENCE. FOR ALL OTHER DRIVEWAYS (≥16' WIDTH) CONSTACTOR SHALL CONSTRUCT IN 2 PHASES TO MAINTAIN ACCESS.

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

30. 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.

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

32. 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.

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

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

35. 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	TROY YOUNG	(850) 232-5044
ECUA	JACOB KEARLEY	(850) 969-5823
PENSACOLA ENERGY	DIANE MOORE	(850) 474-5319
ESCAMBIA COUNTY TRAFFIC	JIM HAGON	(850) 595-3404
FLORIDA POWER & LIGHT	JOHN WIMBERLY	(850) 982-2746
WINDSTREAM	STEVEN CARTER	(704) 589-9728
CENTURYLINK	JIMMY YOUNG	(352) 303-2430
MCI	THOMAS BROYLES	(850) 475-7465
QUANTA	RUSSELL RIBBLETT	(678) 836-5610
AT&T	TOM MANNING	(850) 463-5176
UNITI FIBER	KYLE HILL	(850) 544-1400
SPRINT	STEVE THOMPSON	(678) 852-2726

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. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A FDOT PERMIT FOR CONSTRUCTION OPERATIONS 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. CSXT RAILROAD FLAGMAN IS REQUIRED ANYTIME CONSTRUCTION ACTIVITIES OCCUPY OR HAVE POTENTIAL TO IMPACT CSXT ROW OR TRACKS.

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

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

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

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

8. 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.

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

10. 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.

11. 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
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
DATE: 5/11/2022
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

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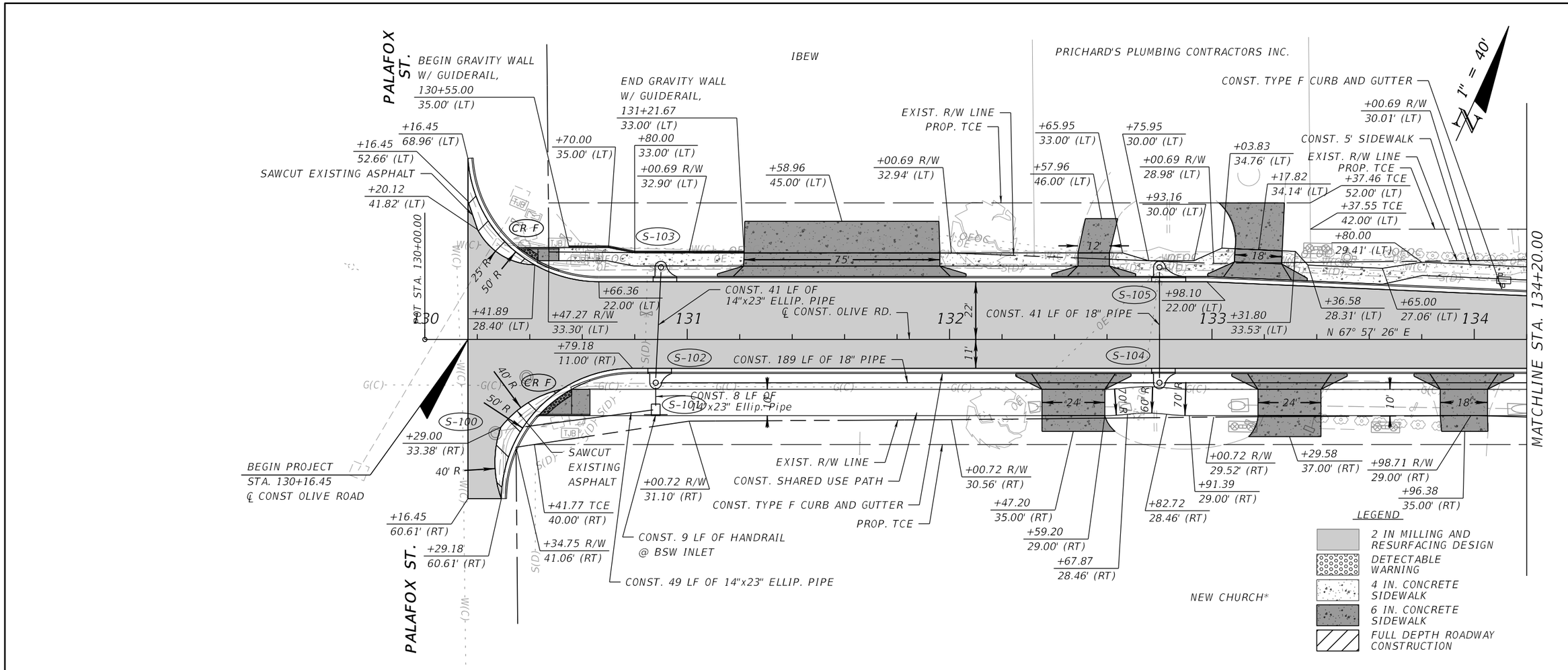

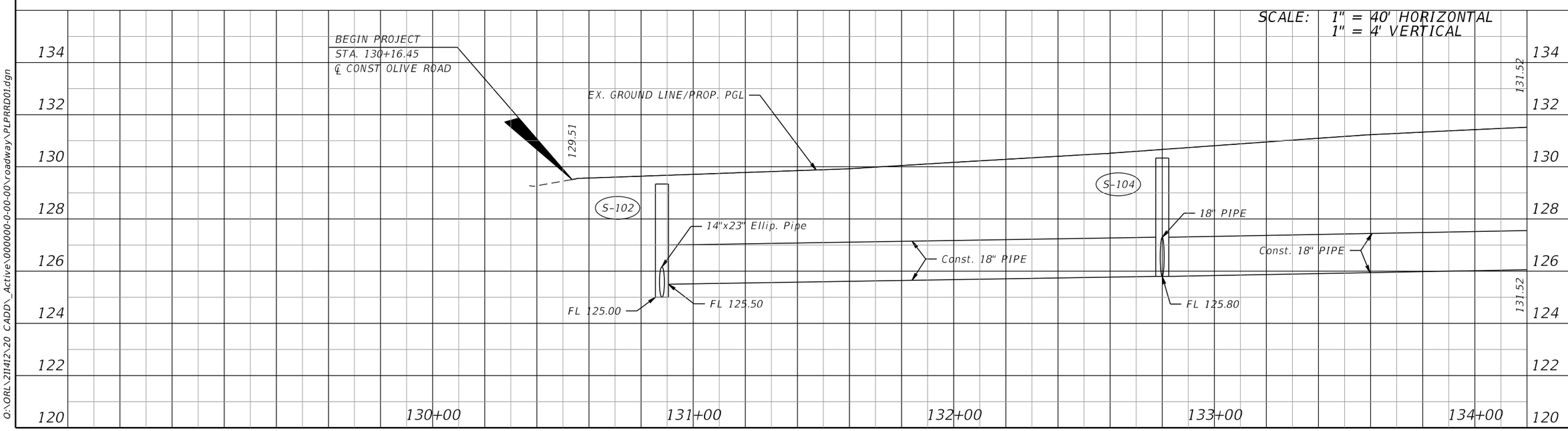

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 16, 28, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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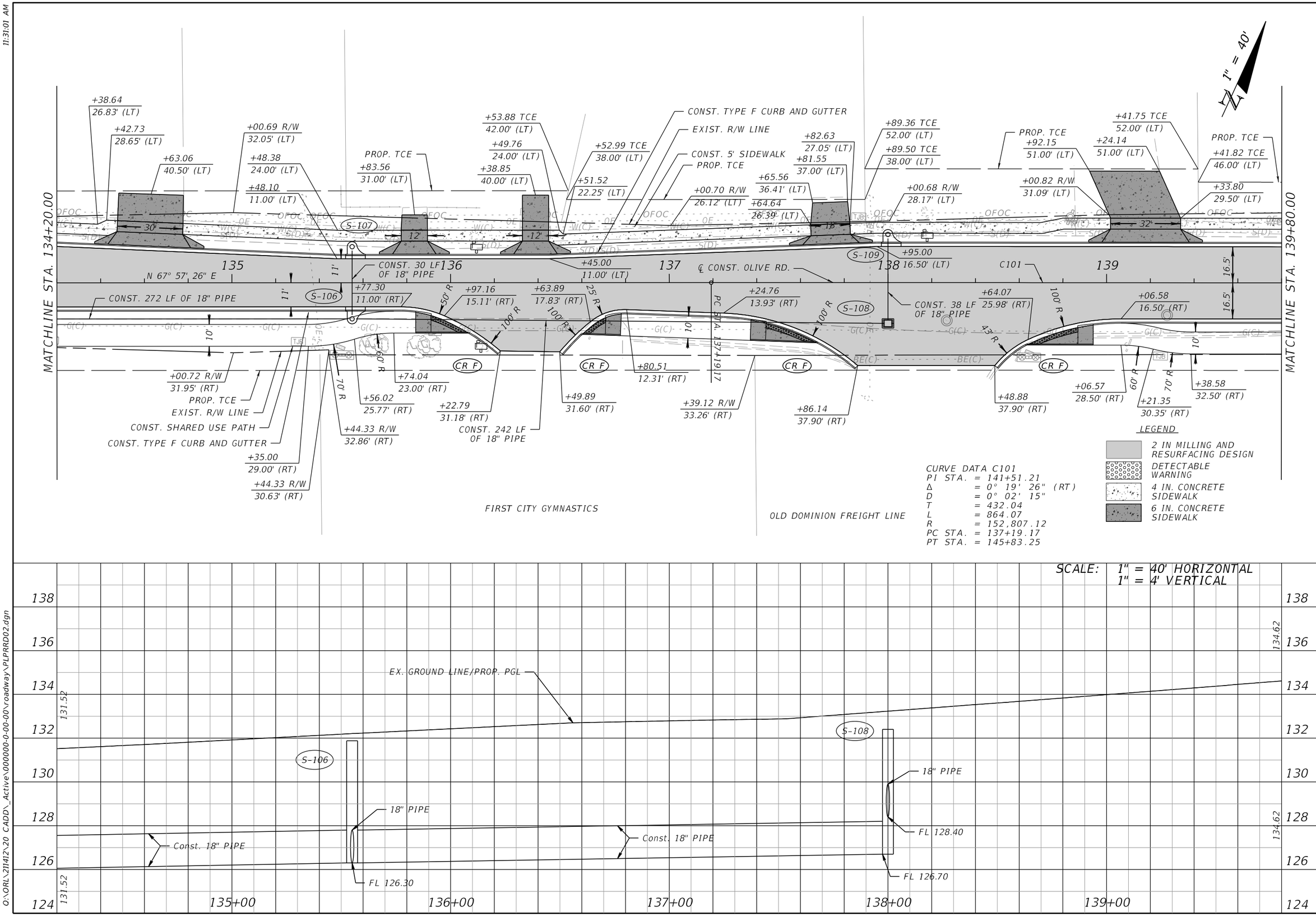

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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

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PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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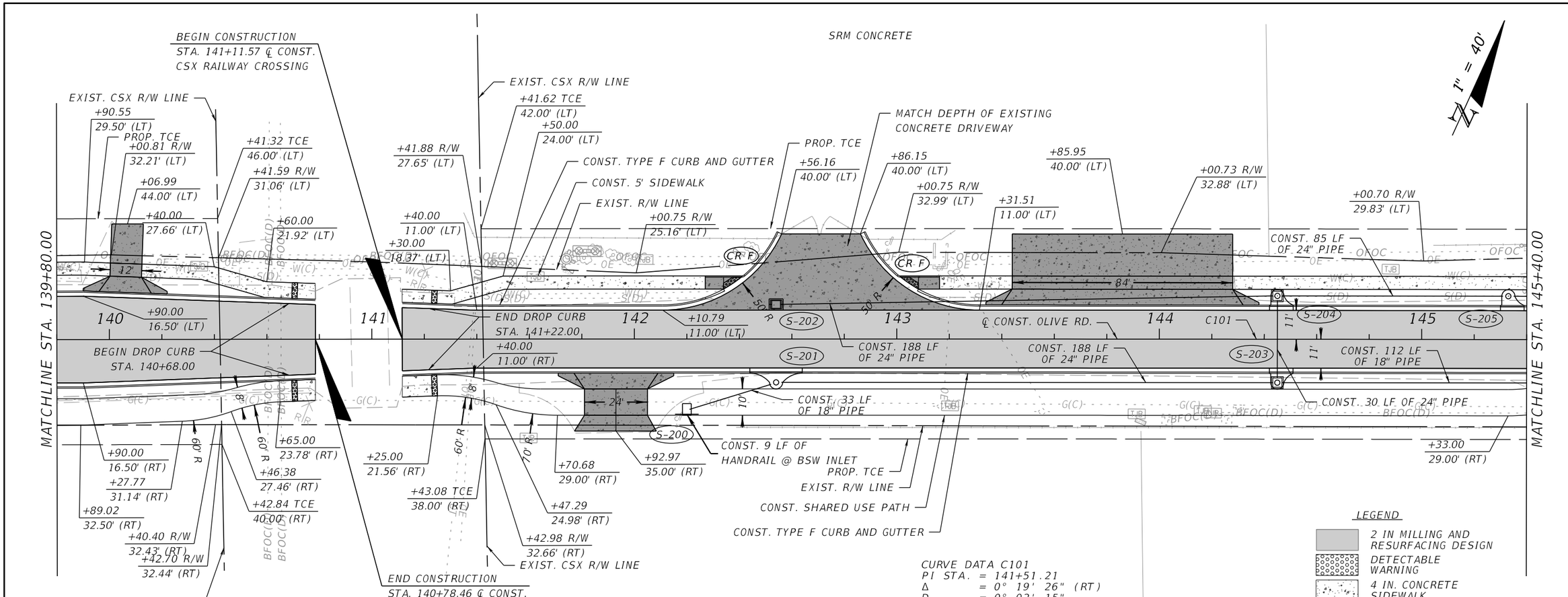

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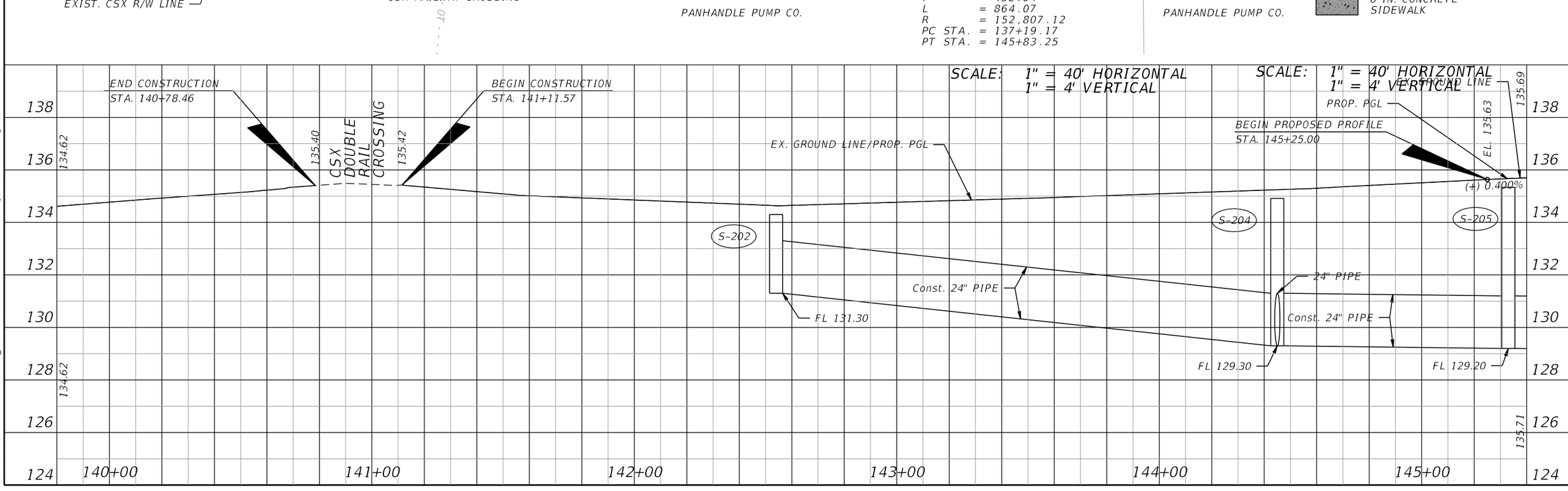

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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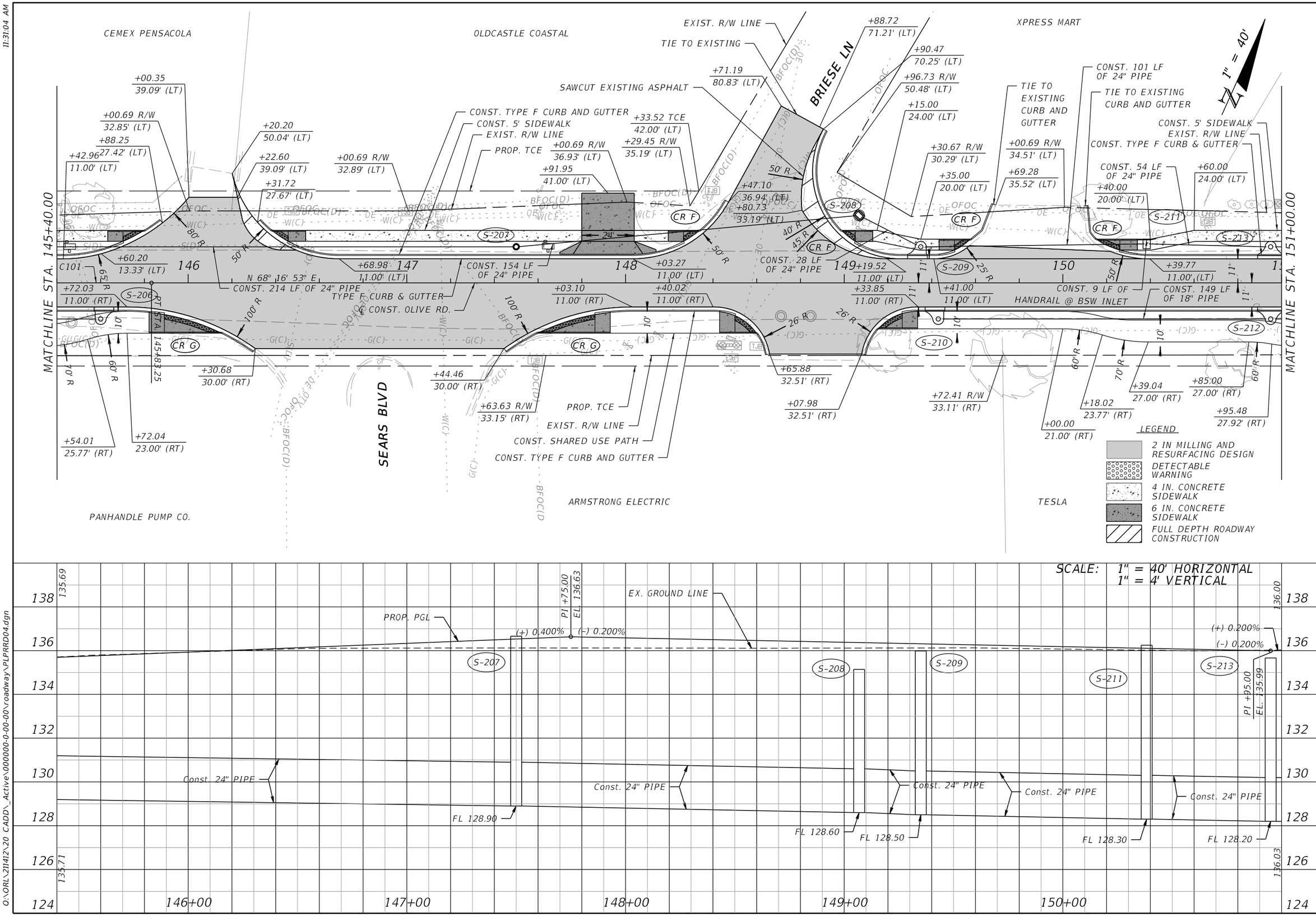

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
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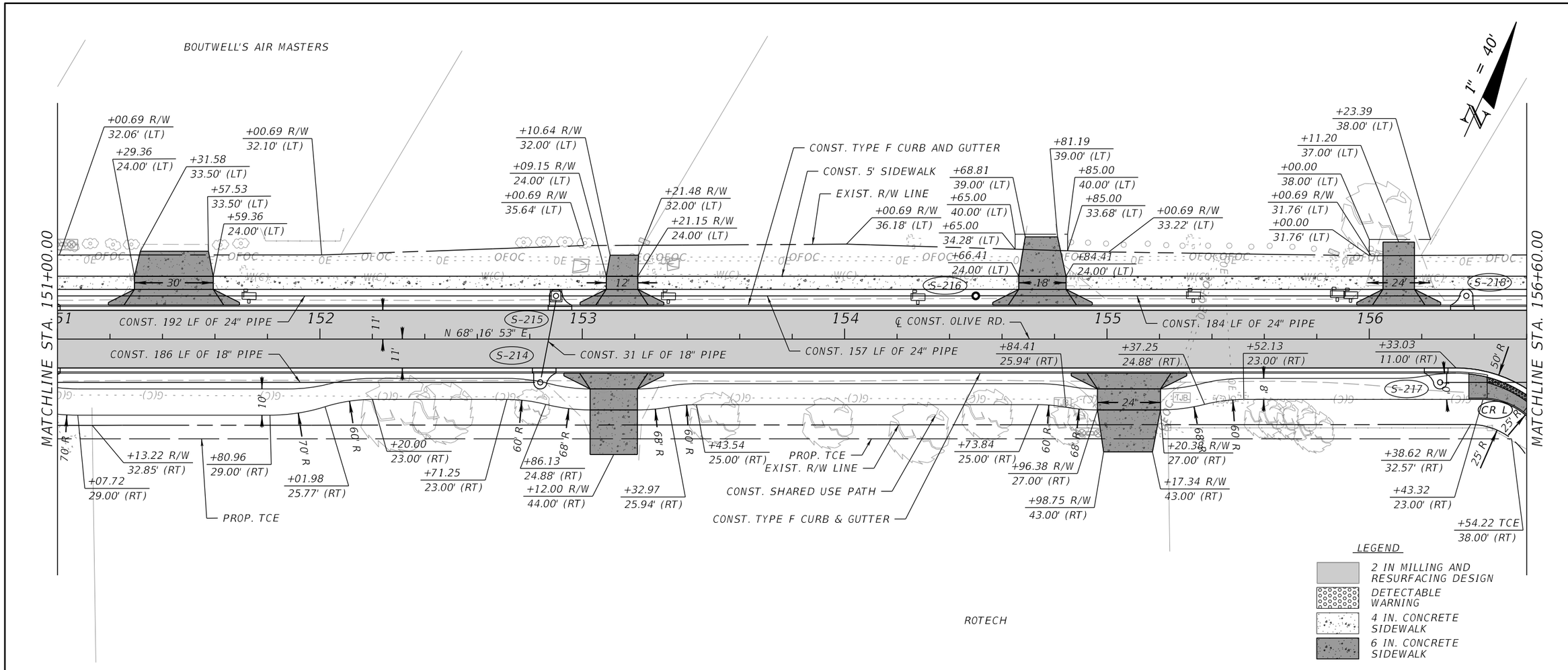

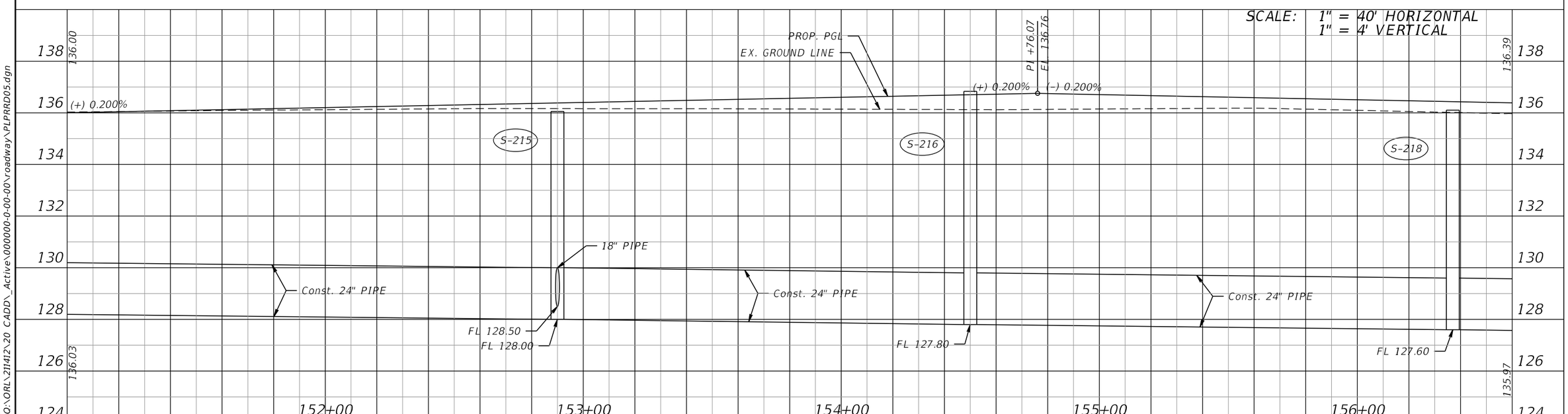

OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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DESIGNED BY: AW

CHECKED BY: JH

DATE: 5/11/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

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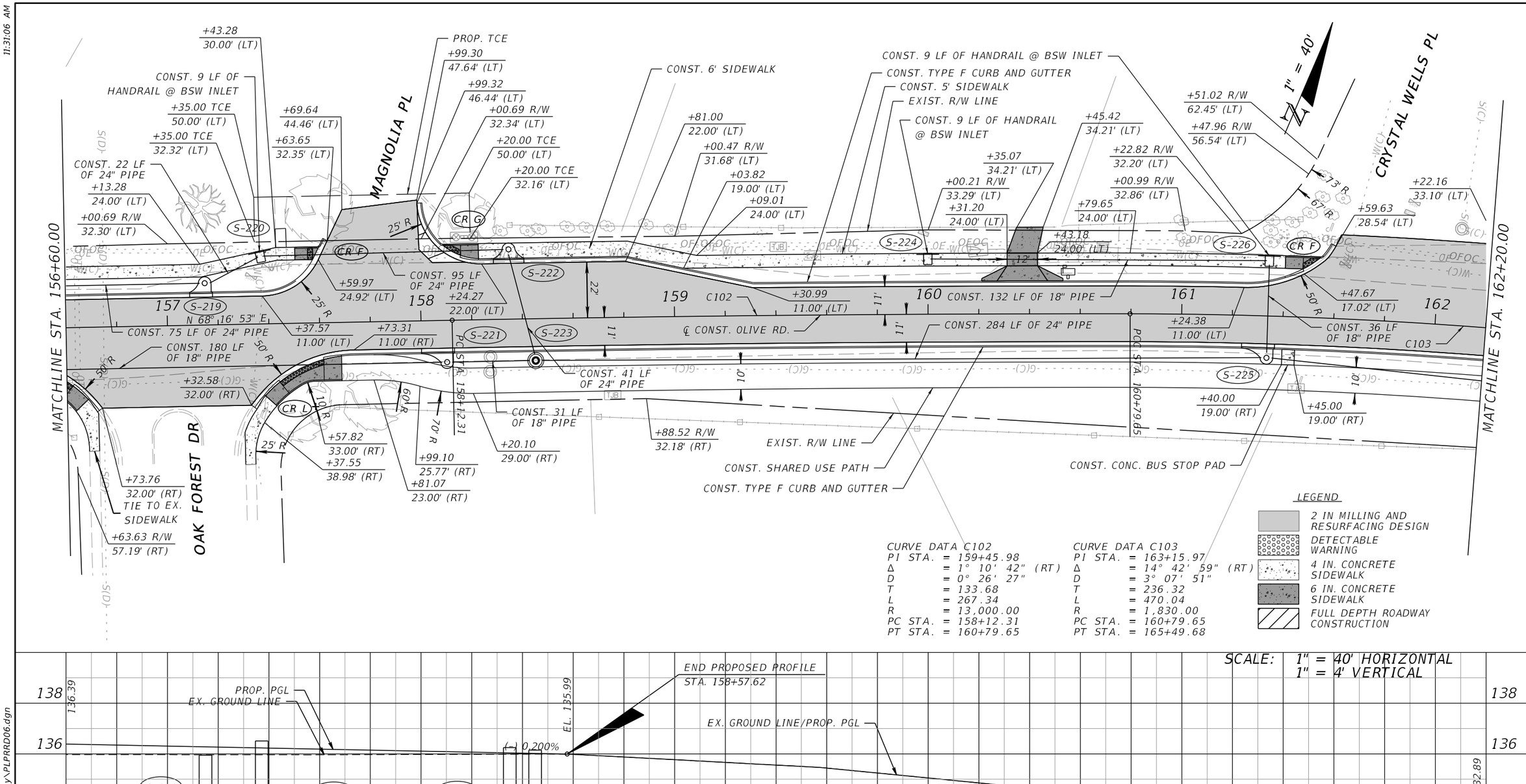

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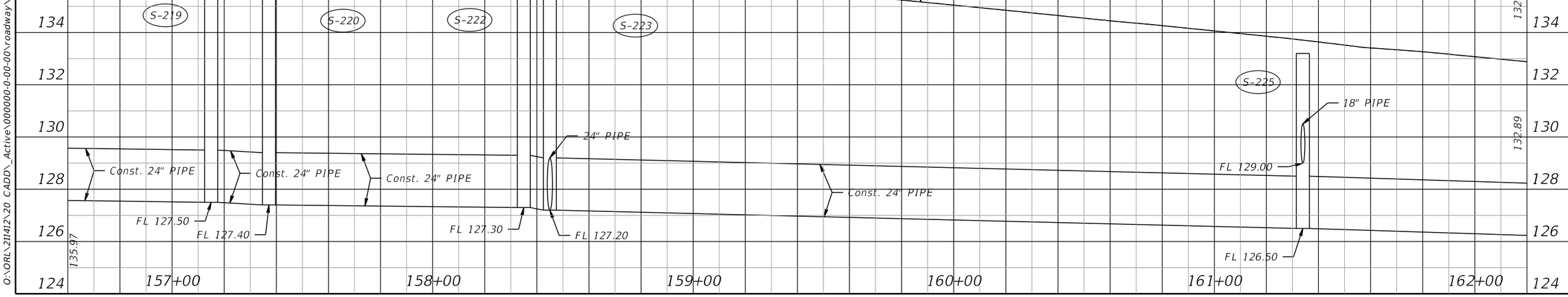

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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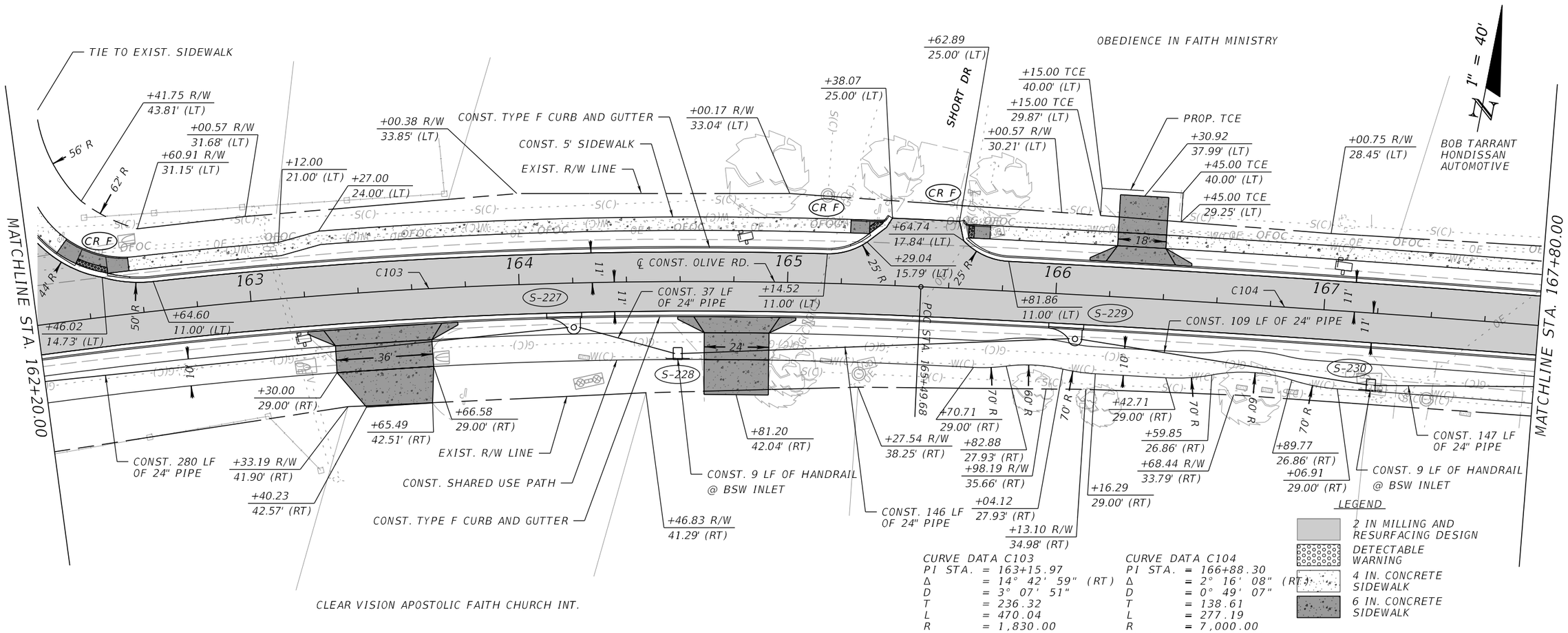

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PC STA. = 160+79.65
PT STA. = 165+49.68

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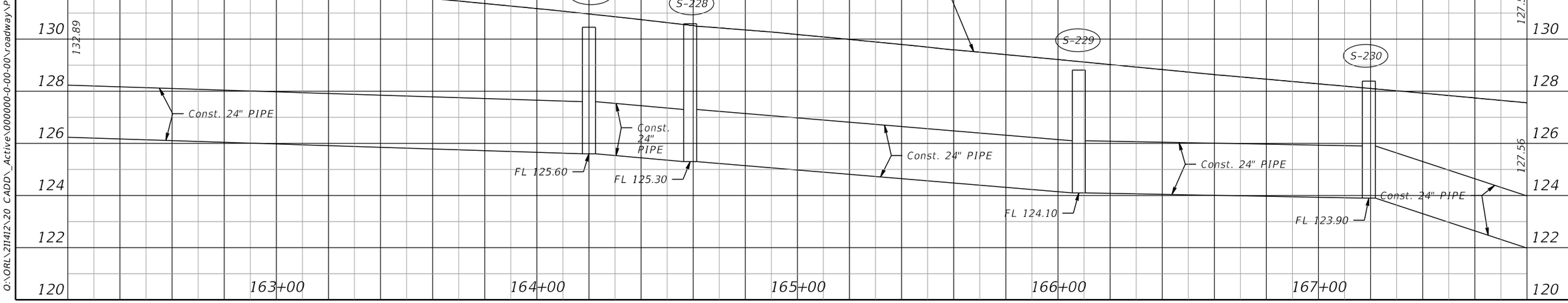

OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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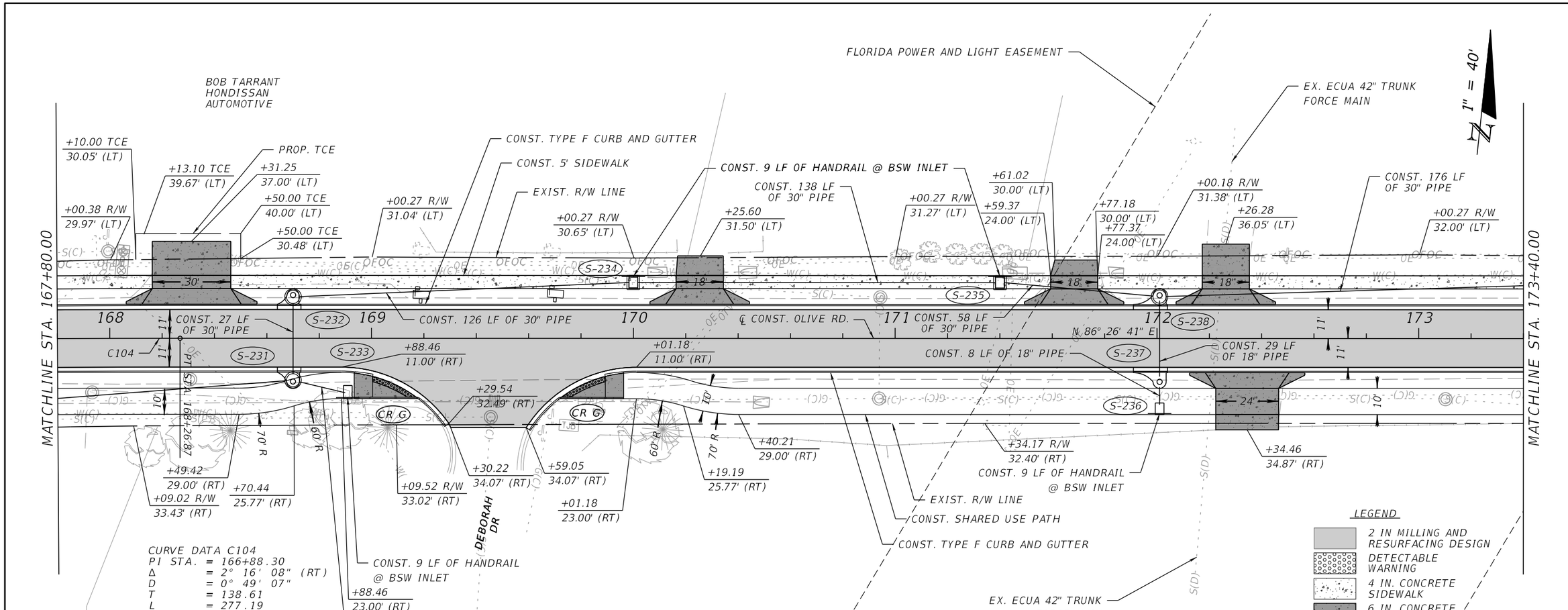

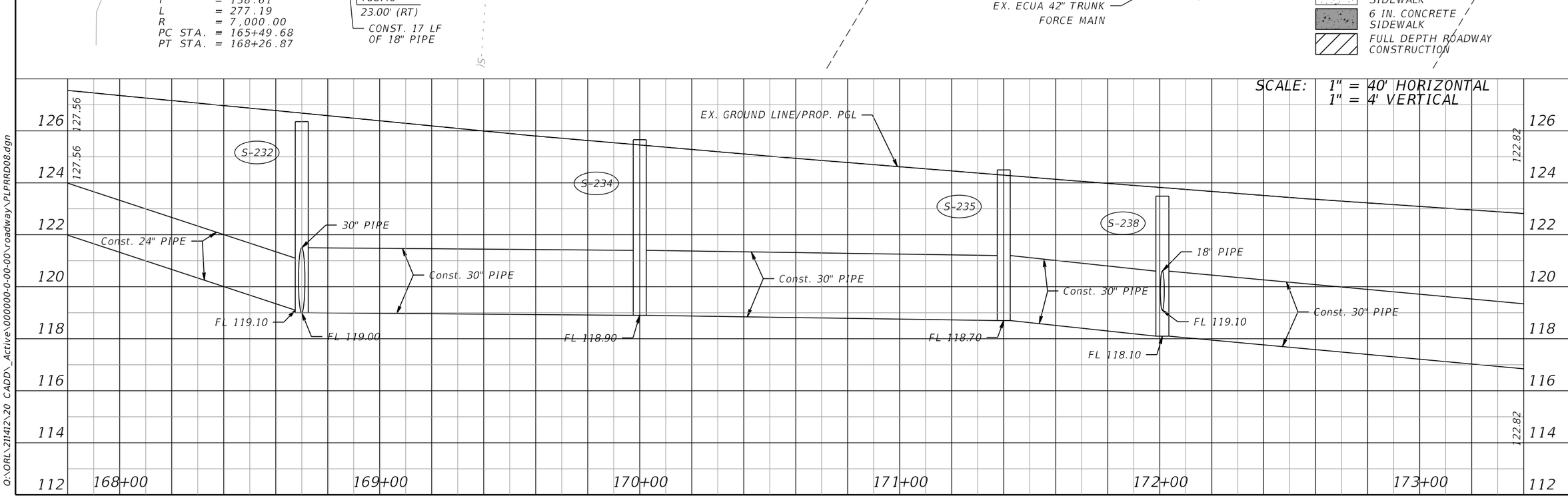

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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DATE: 5/11/2022	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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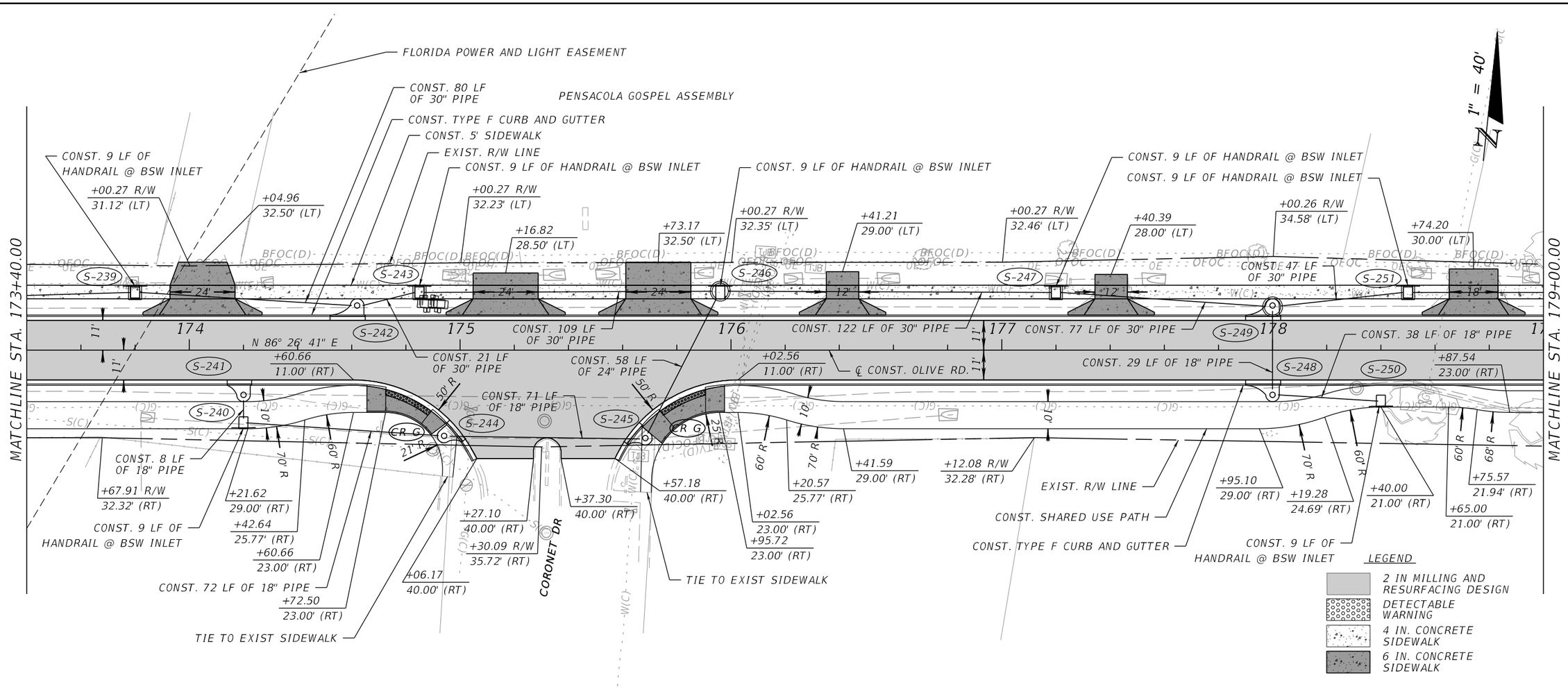

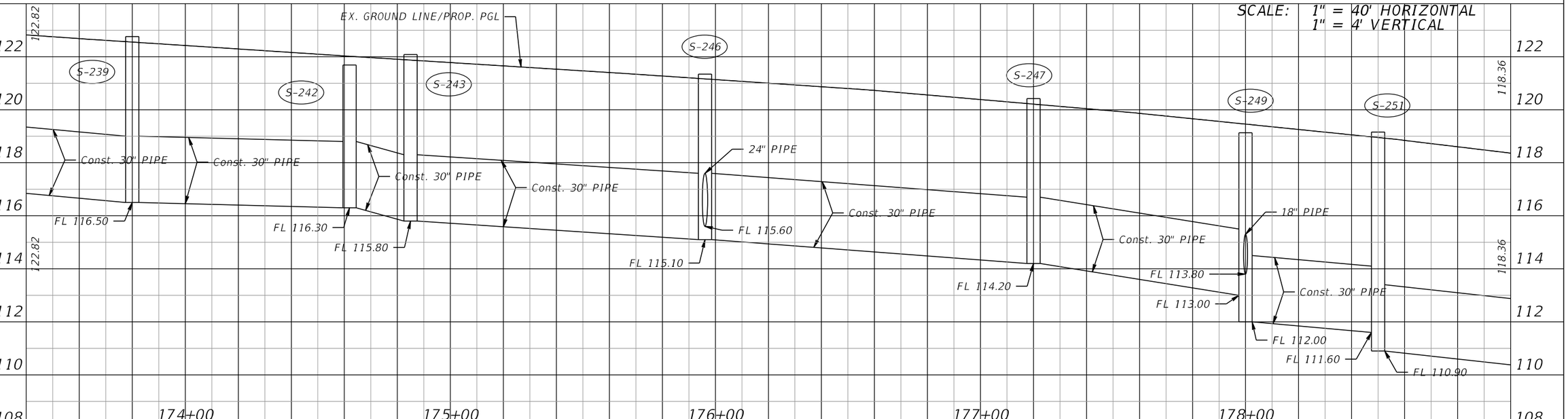

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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

DRAWN BY: PD
DATE: 5/11/2022
DESIGNED BY: AW
CHECKED BY: JH
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
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SHEET 26

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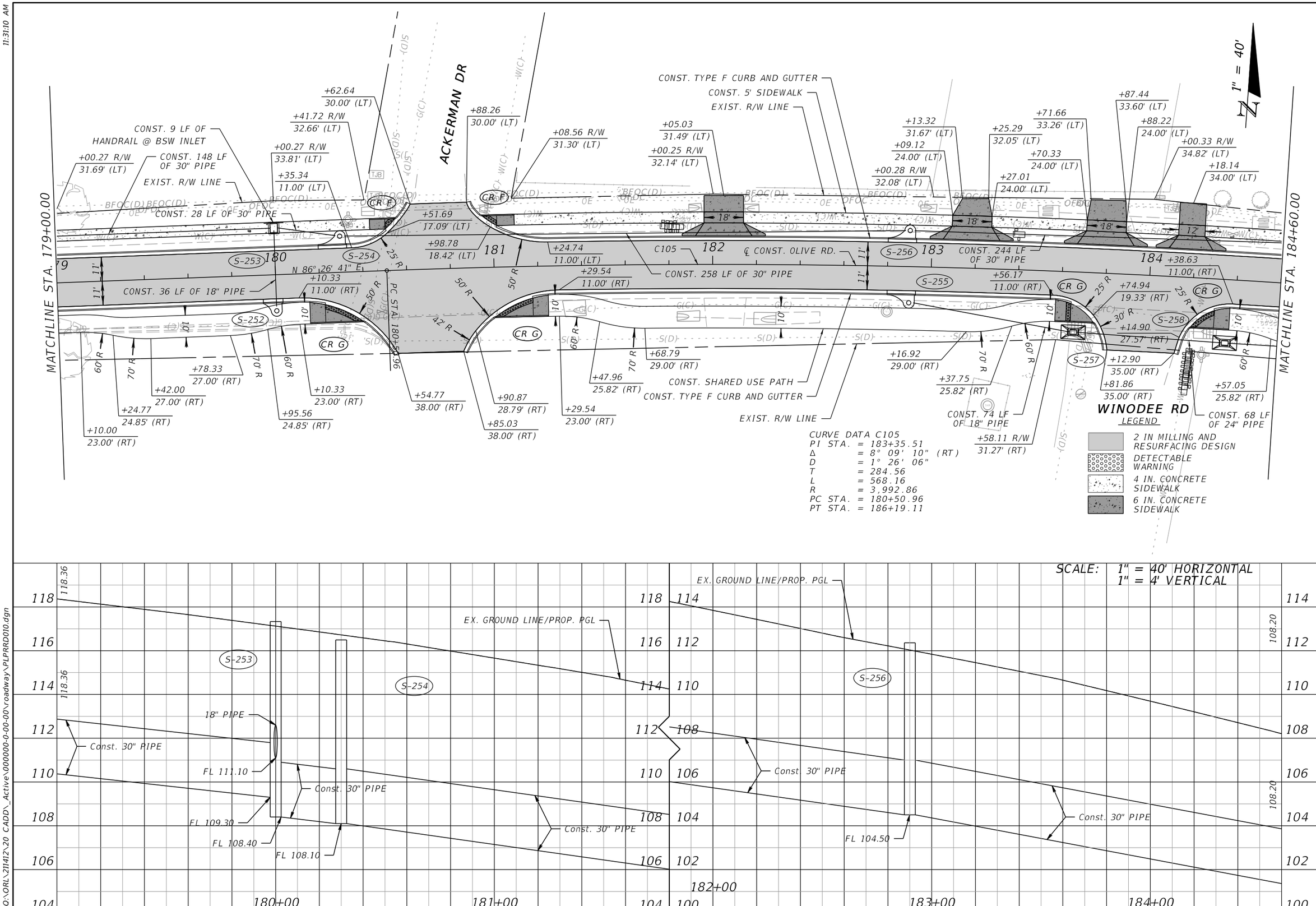

OLIVE ROAD STREET IMPROVEMENT PROJECT

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
DATE: 5/11/2022
DESIGNED BY: AW
PROJECT MANAGER: DENISE C. BREWER
CHECKED BY: JH
DISTRICT: 3 & 4
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W
FIELD BOOK / PAGES:

REVISIONS | DATE | APPROVED BY

NUMBER

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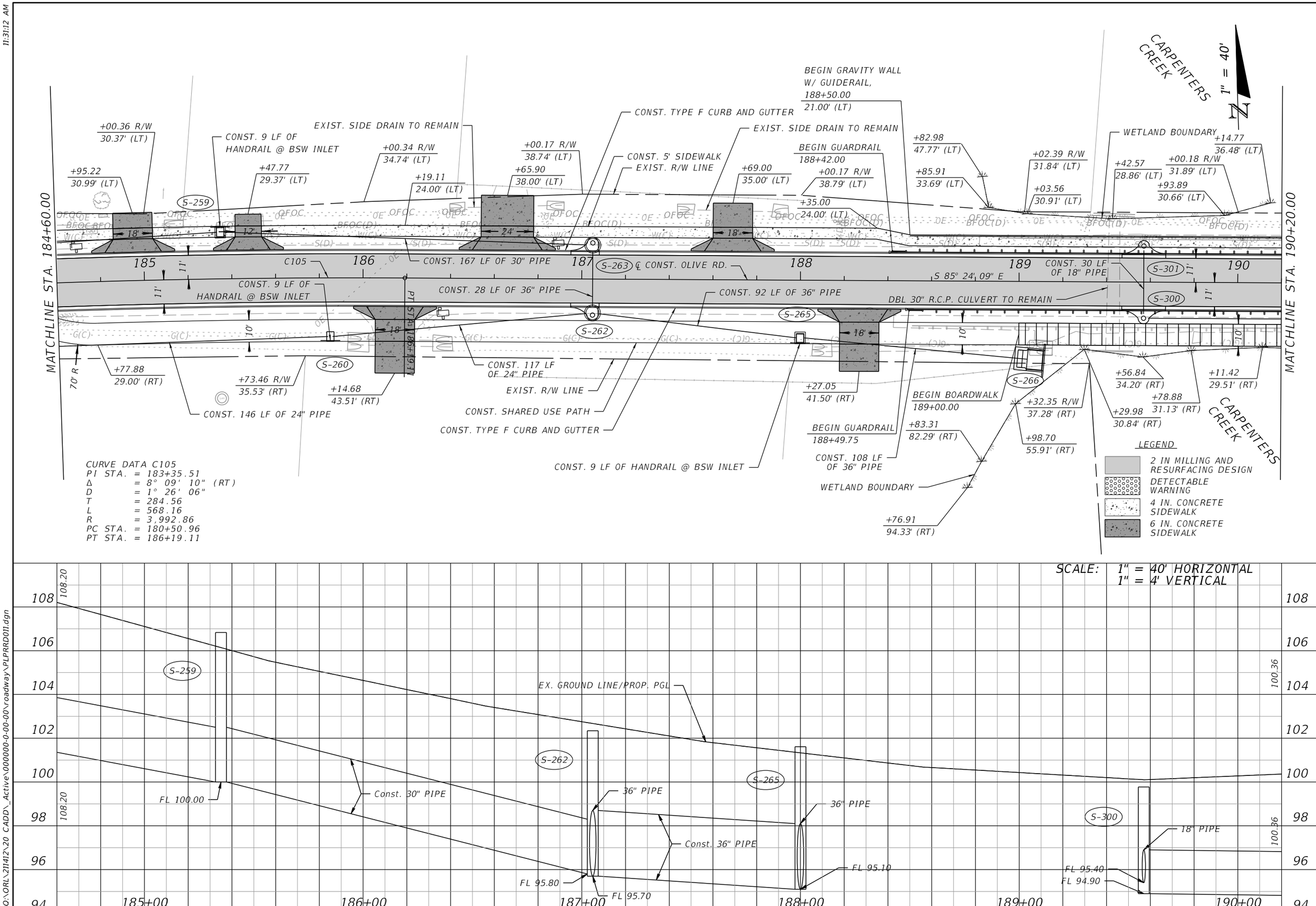

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

DRAWN BY: PD	DESIGNED BY: AW	CHECKED BY: JH	ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 5/11/2022	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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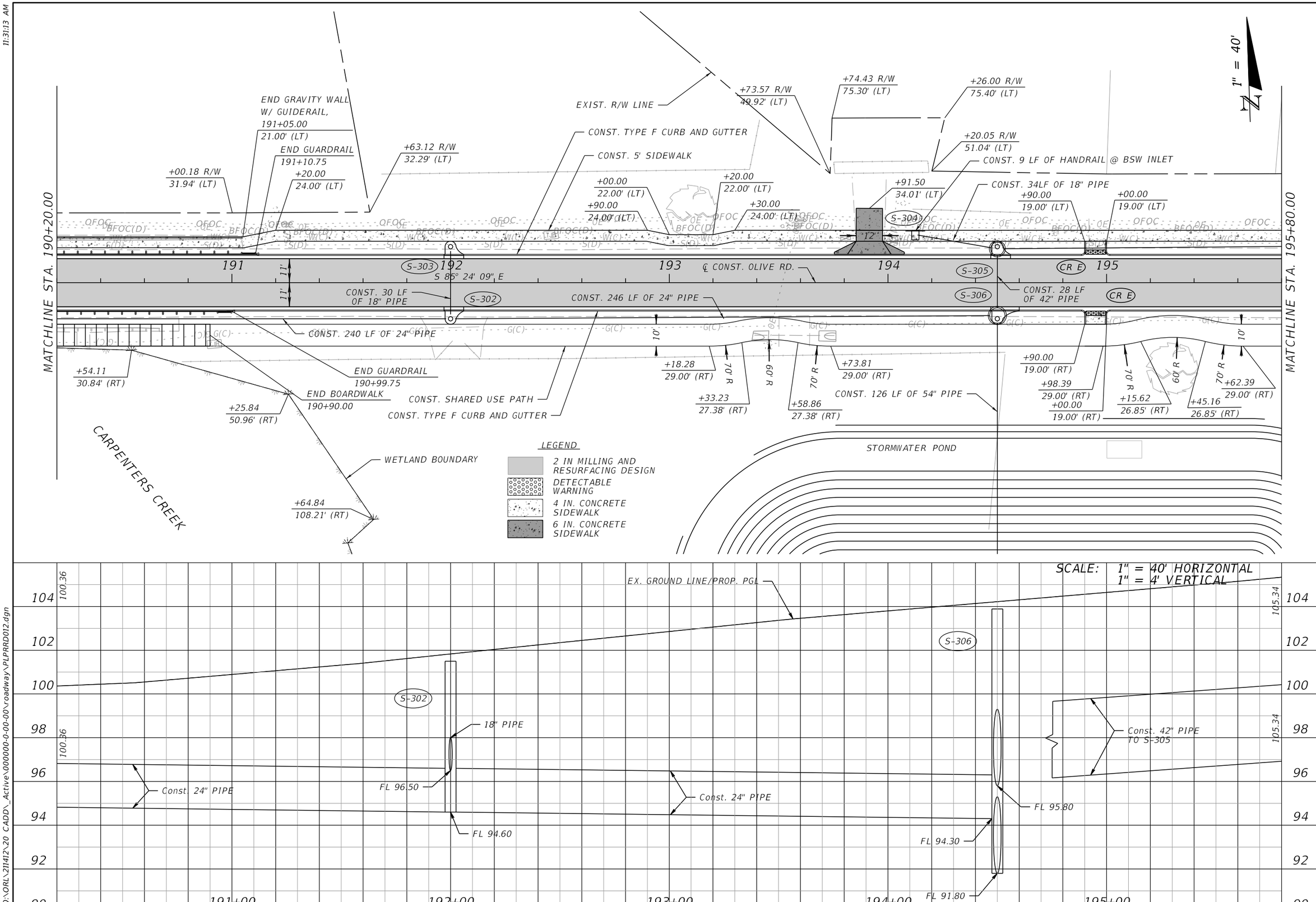

OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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PROJECT MANAGER: DENISE C. BREWER
DATE: 5/11/2022
DISTRICT: 3 & 4
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W
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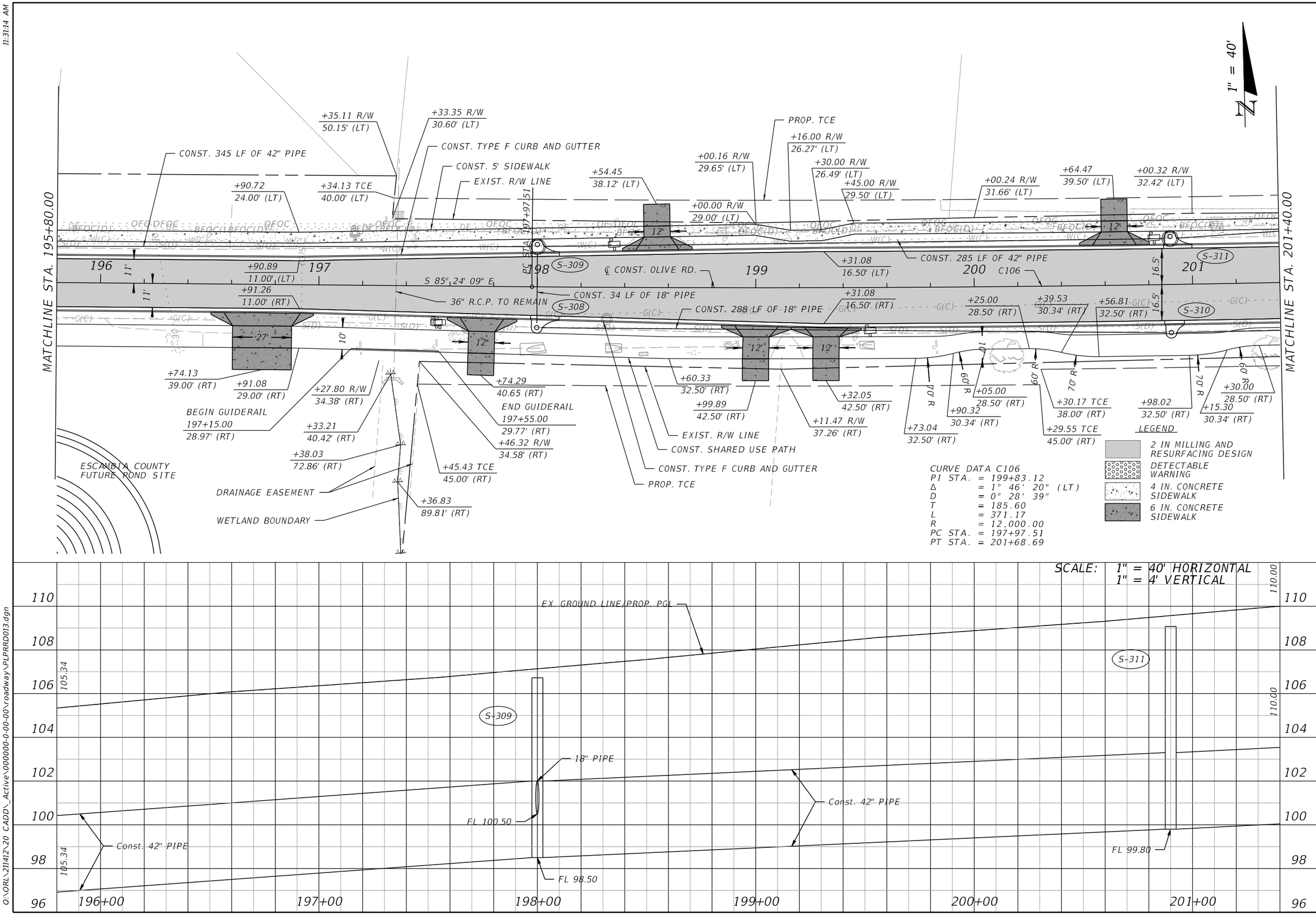

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

DRAWN BY: PD
DATE: 5/11/2022
DESIGNED BY: AW
PROJECT MANAGER: DENISE C. BREWER
CHECKED BY: JH
DISTRICT: 3 & 4
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W
ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
PHONE NUMBER: (850) 815-3040

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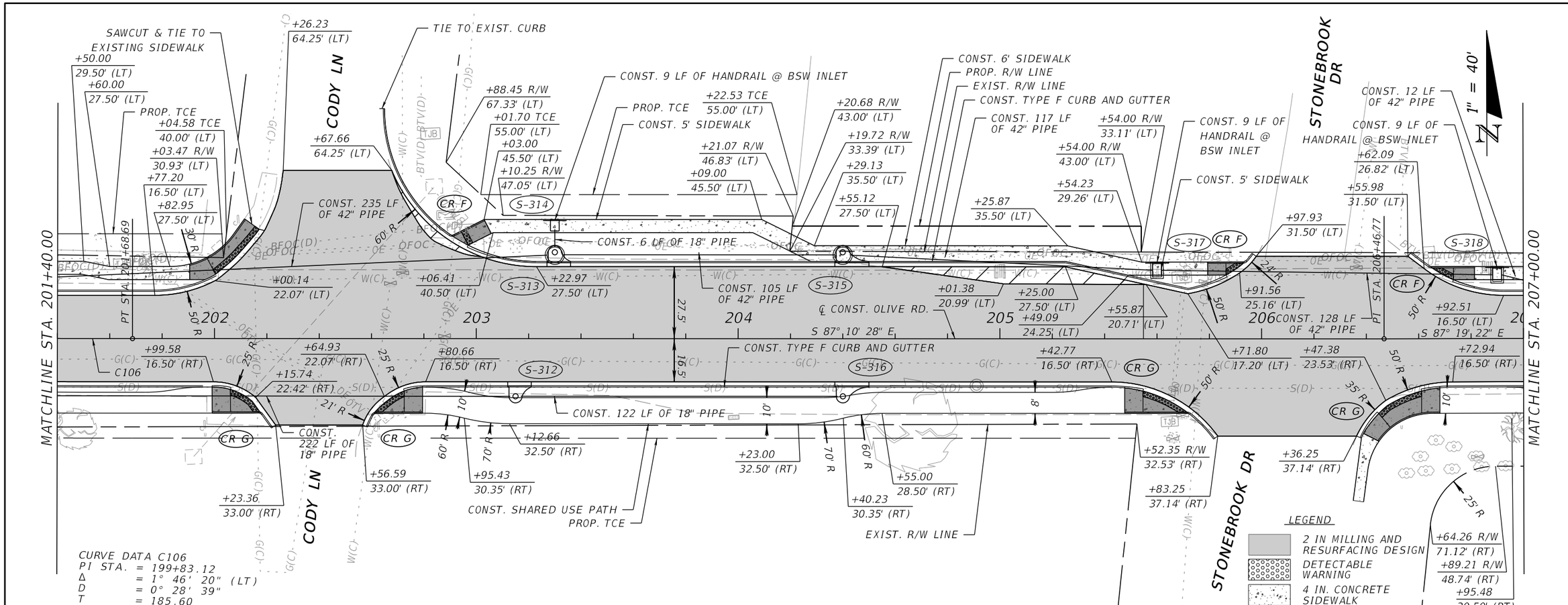

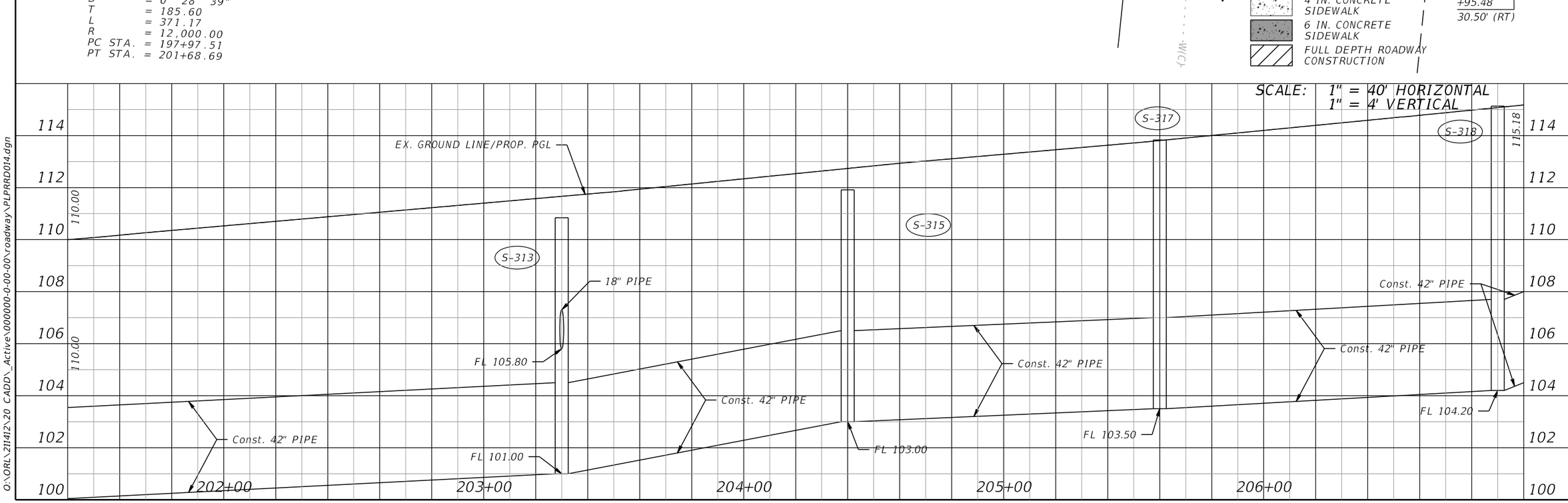

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
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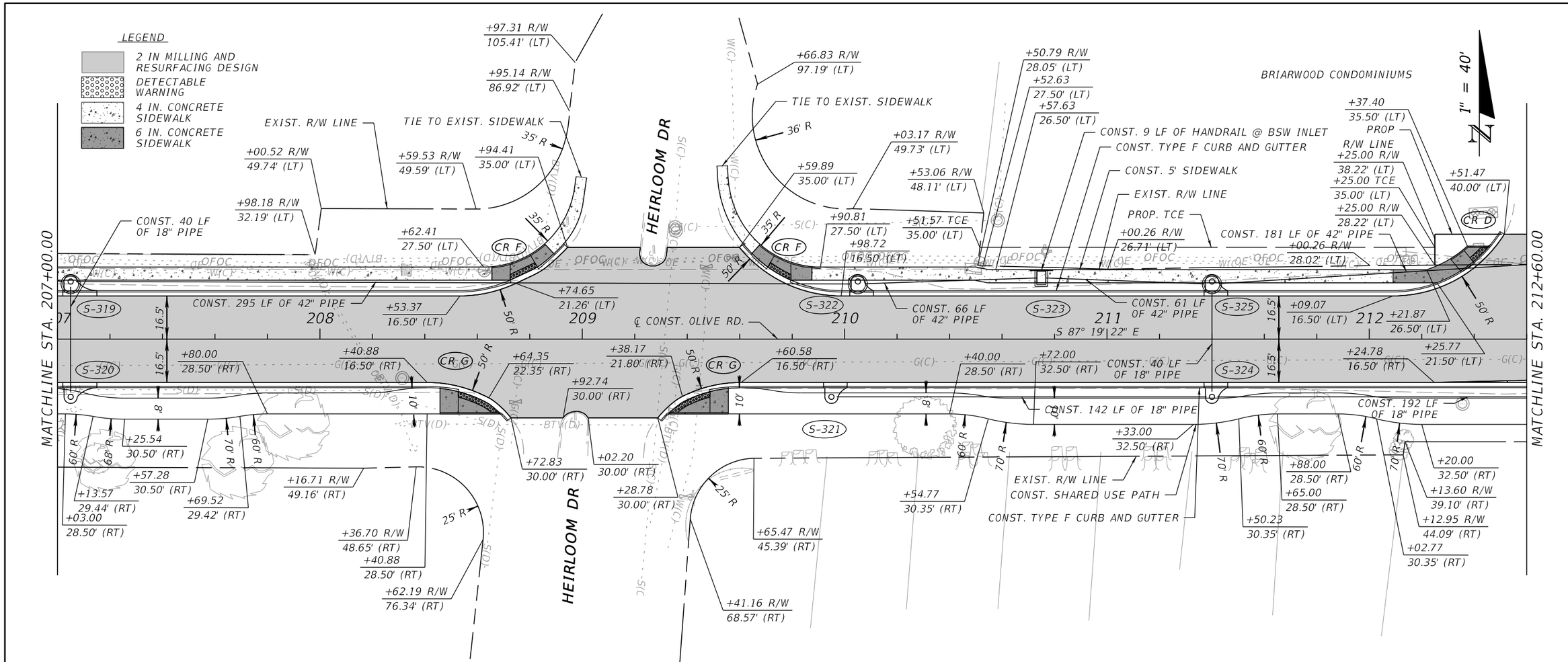

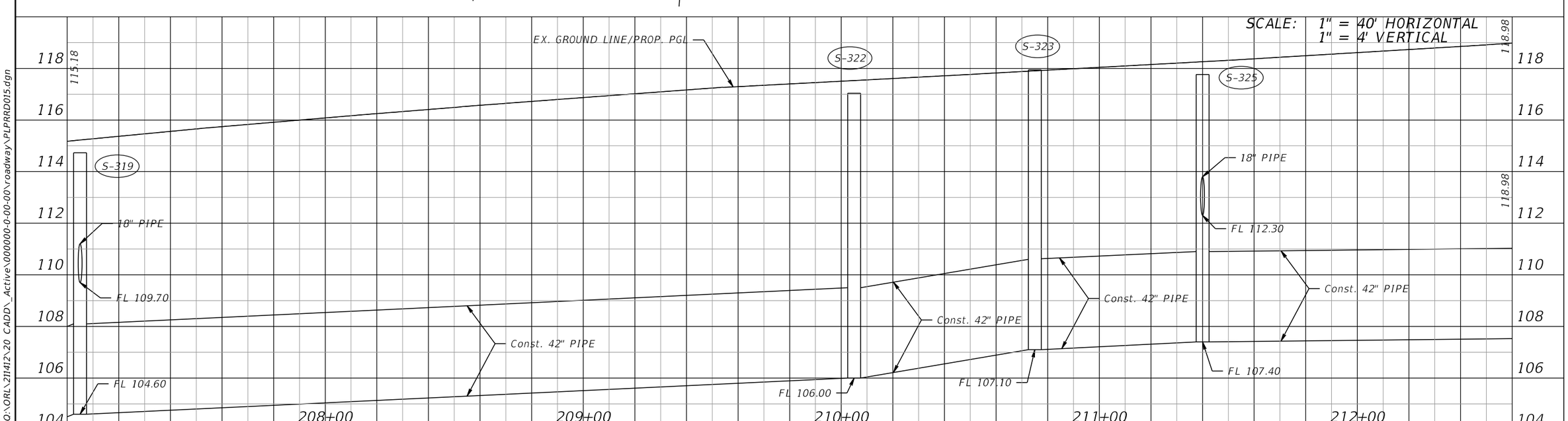

OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

DATE: 5/11/2022

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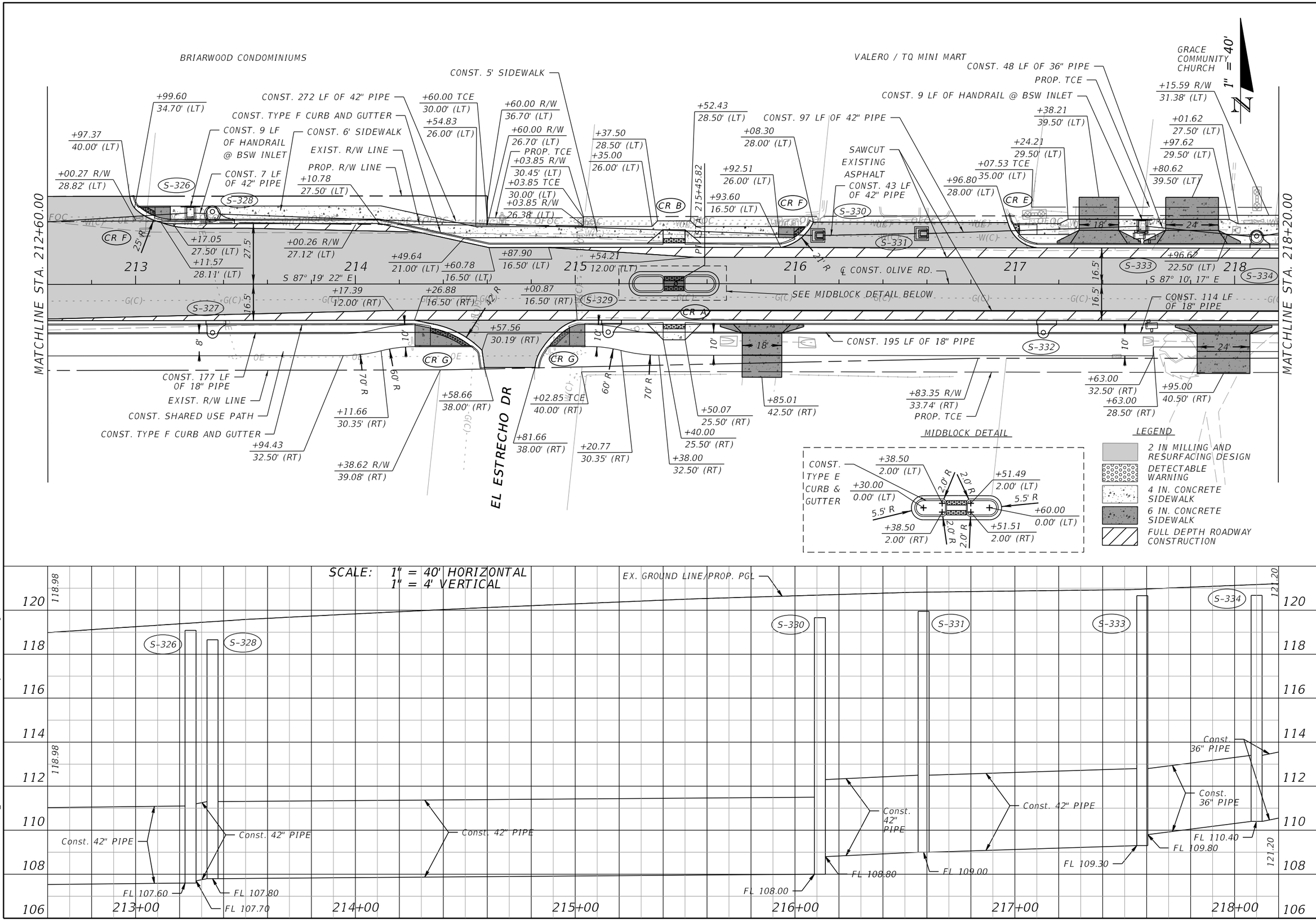

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

DRAWN BY: PD
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ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
REG. FLA. ENG. NO.: 86552
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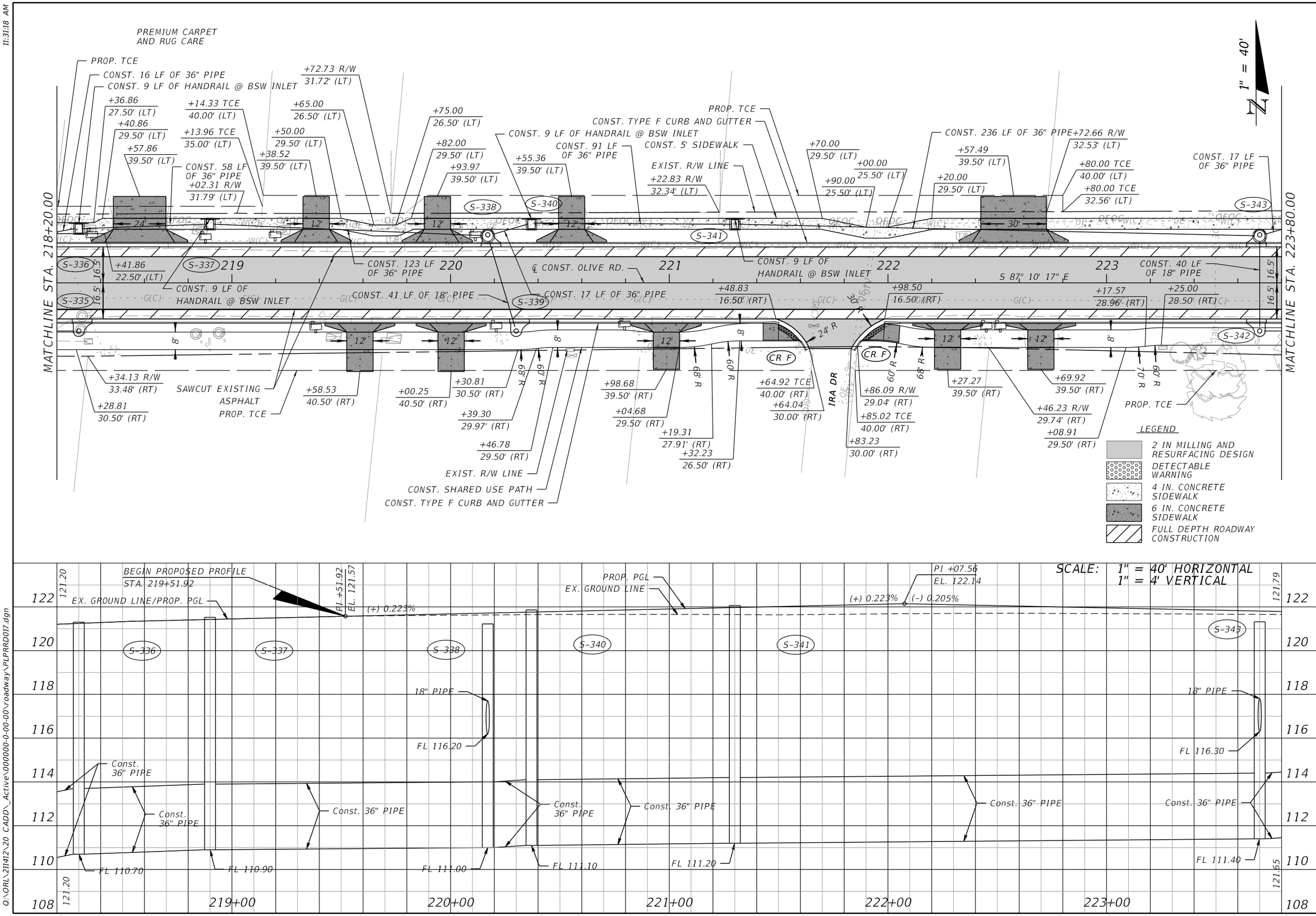

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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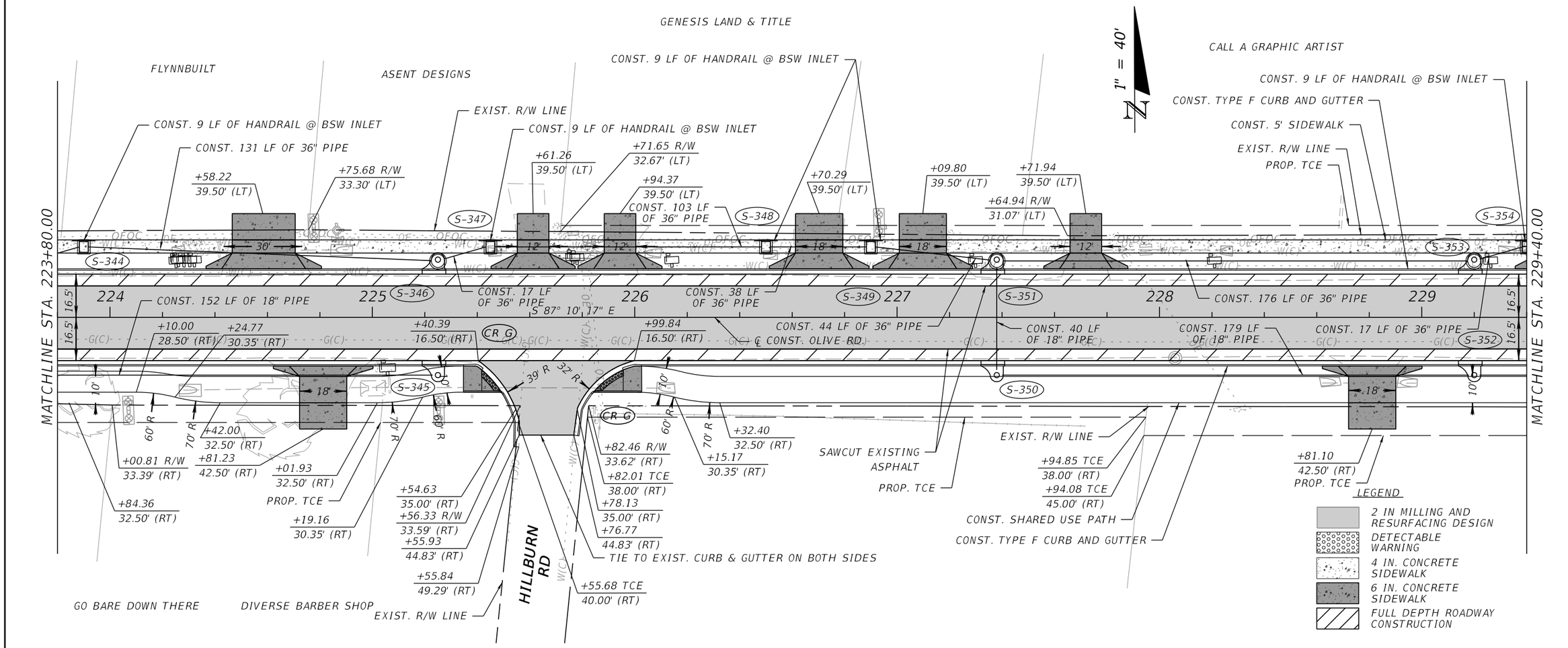

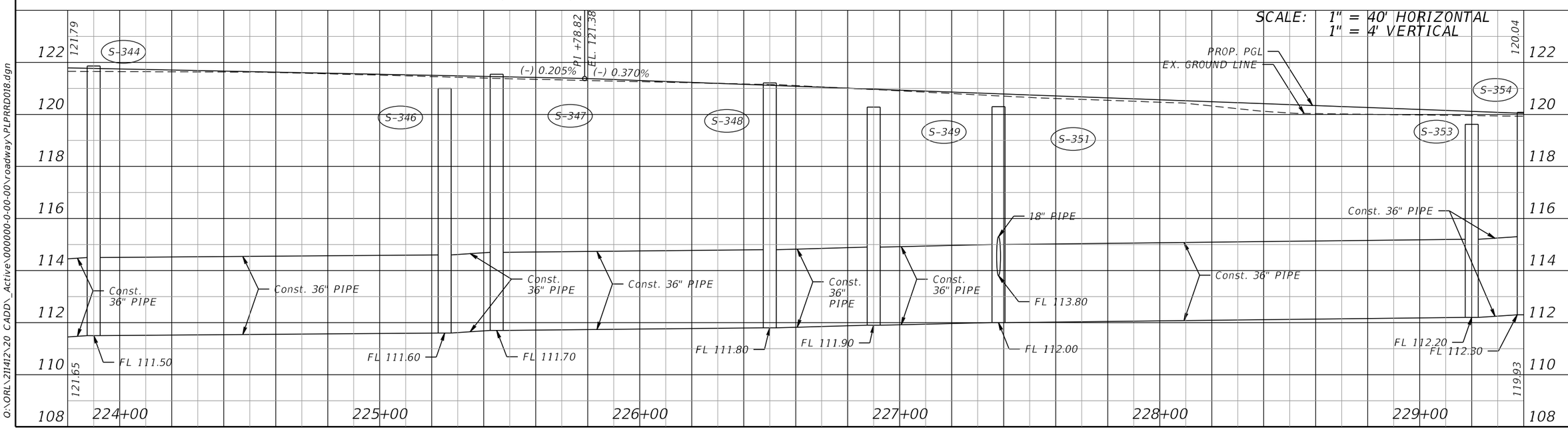

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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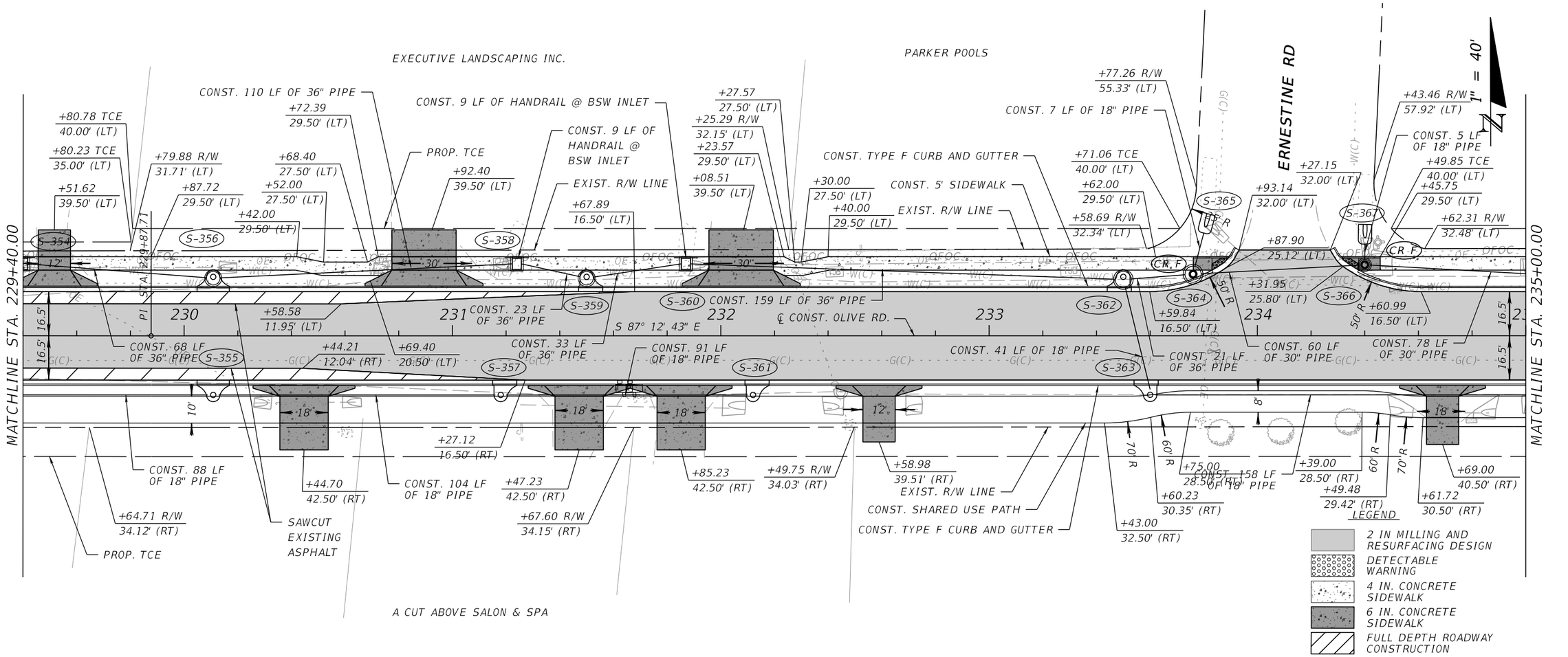

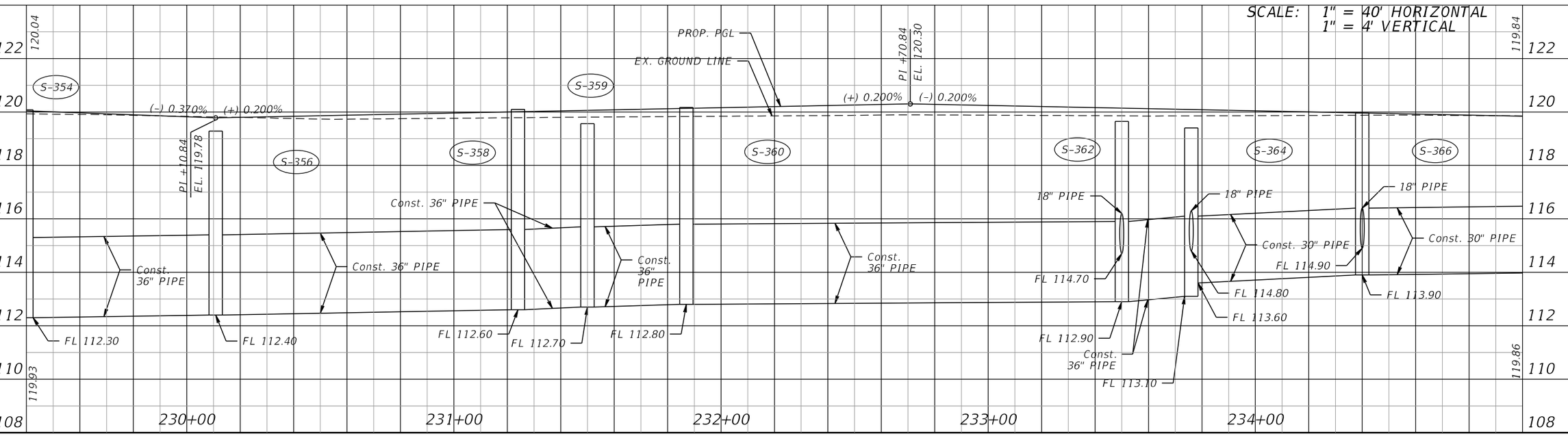

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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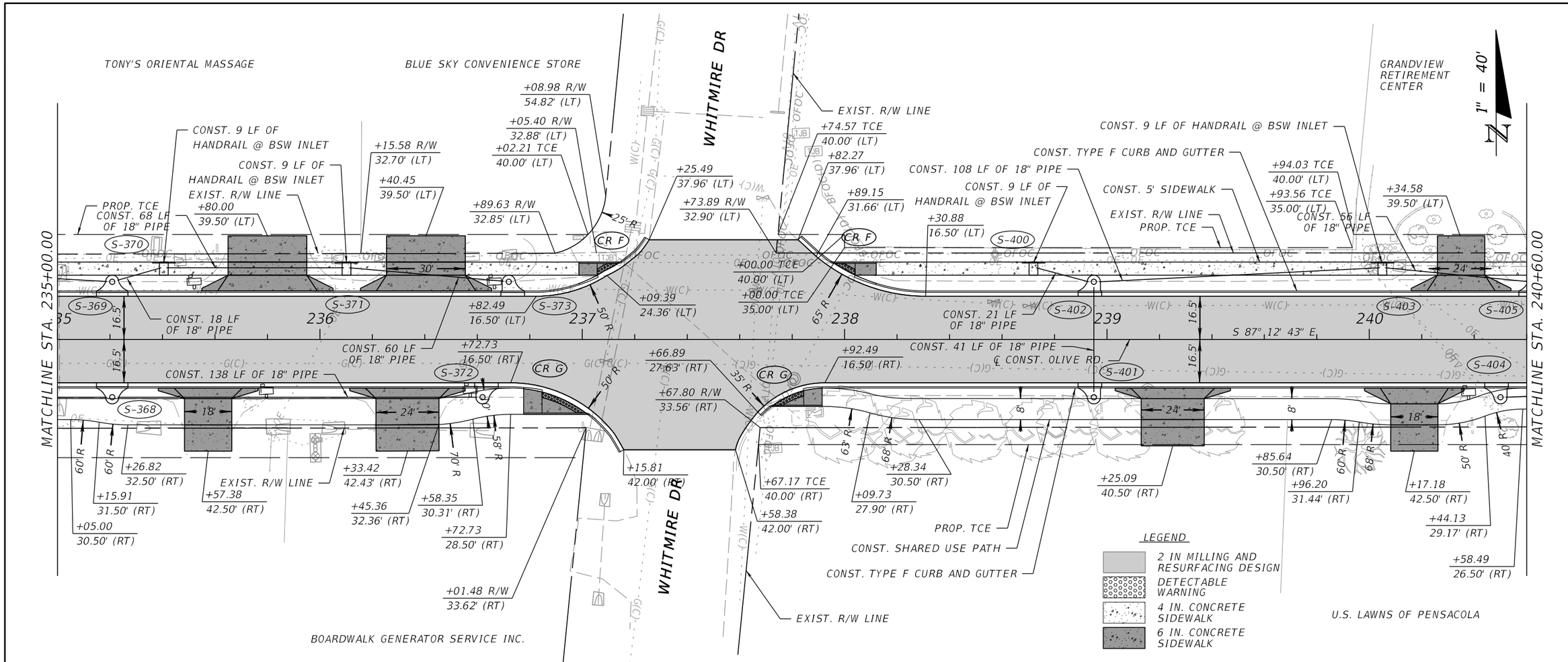

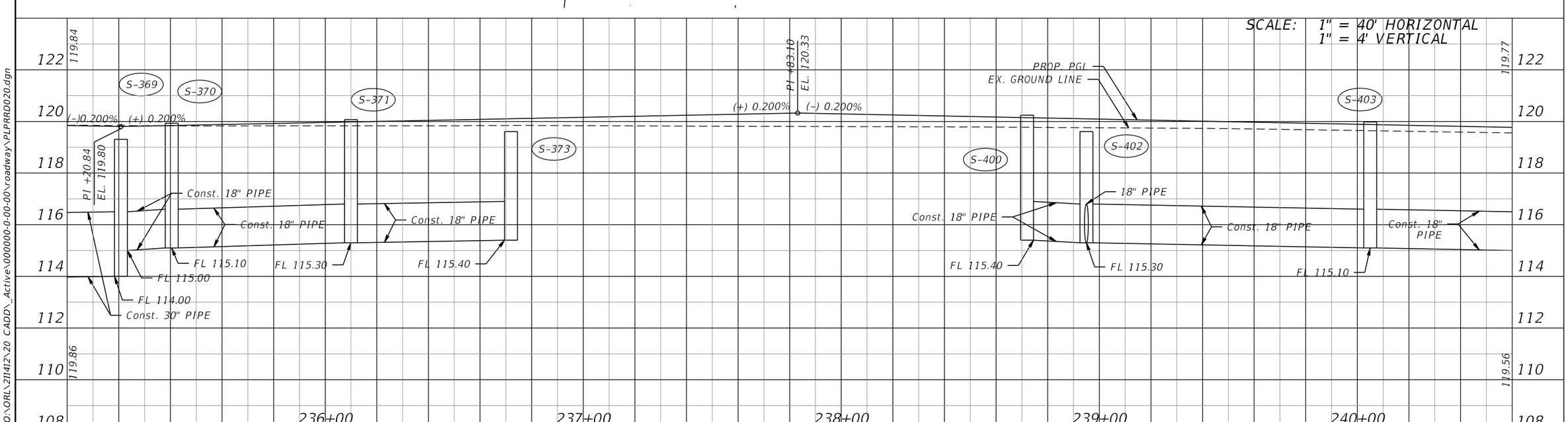

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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DATE: 5/17/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552
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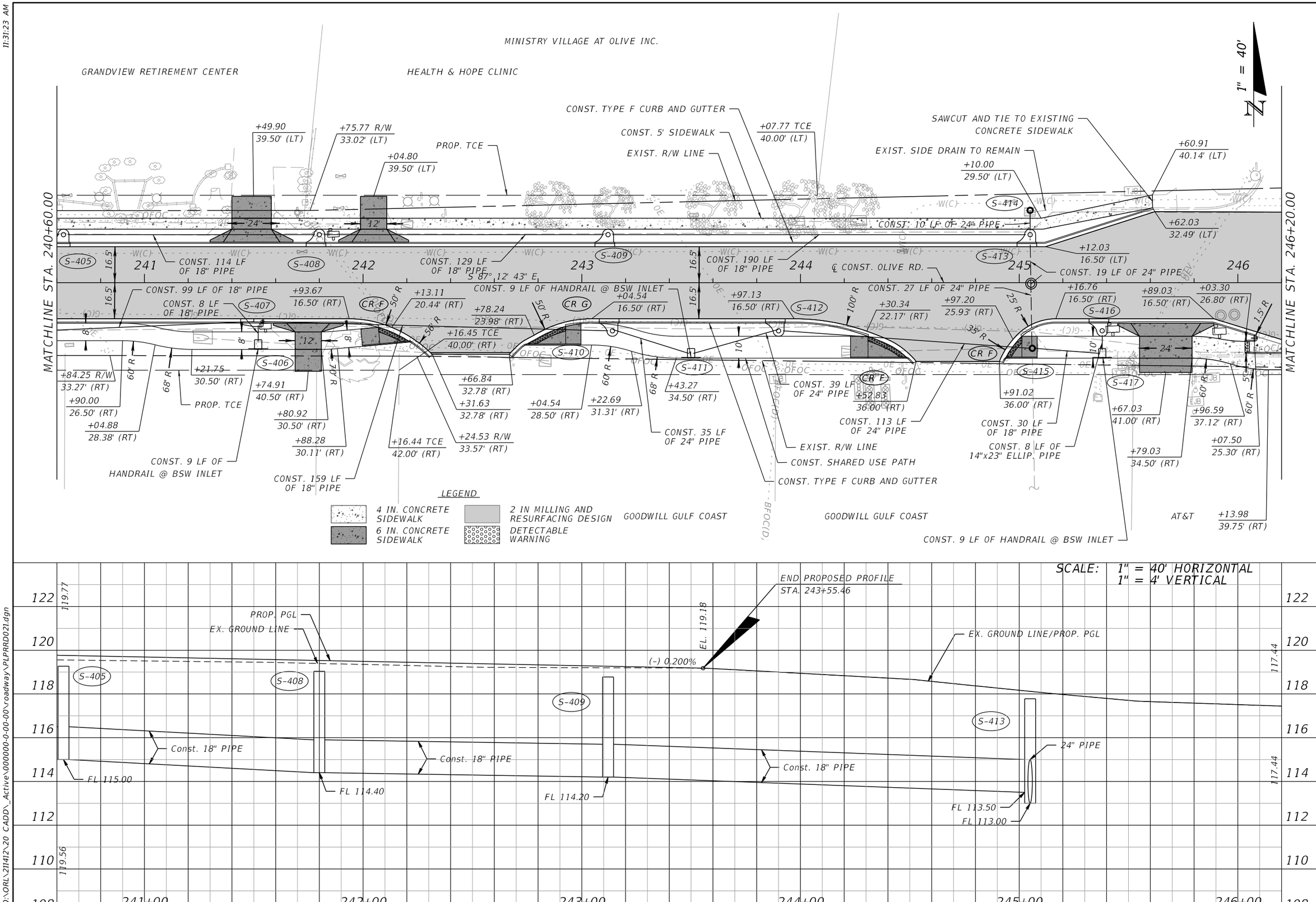

OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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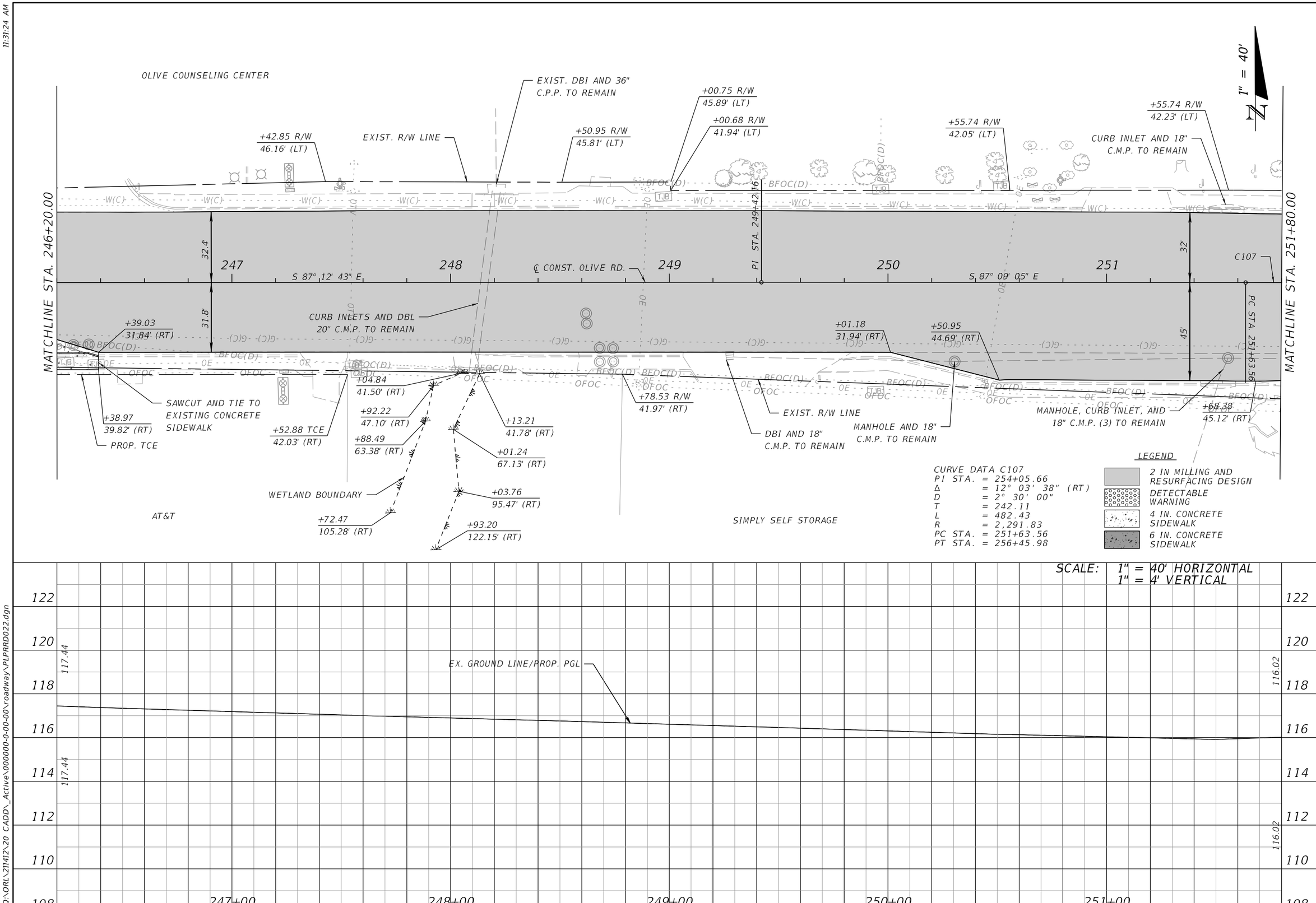

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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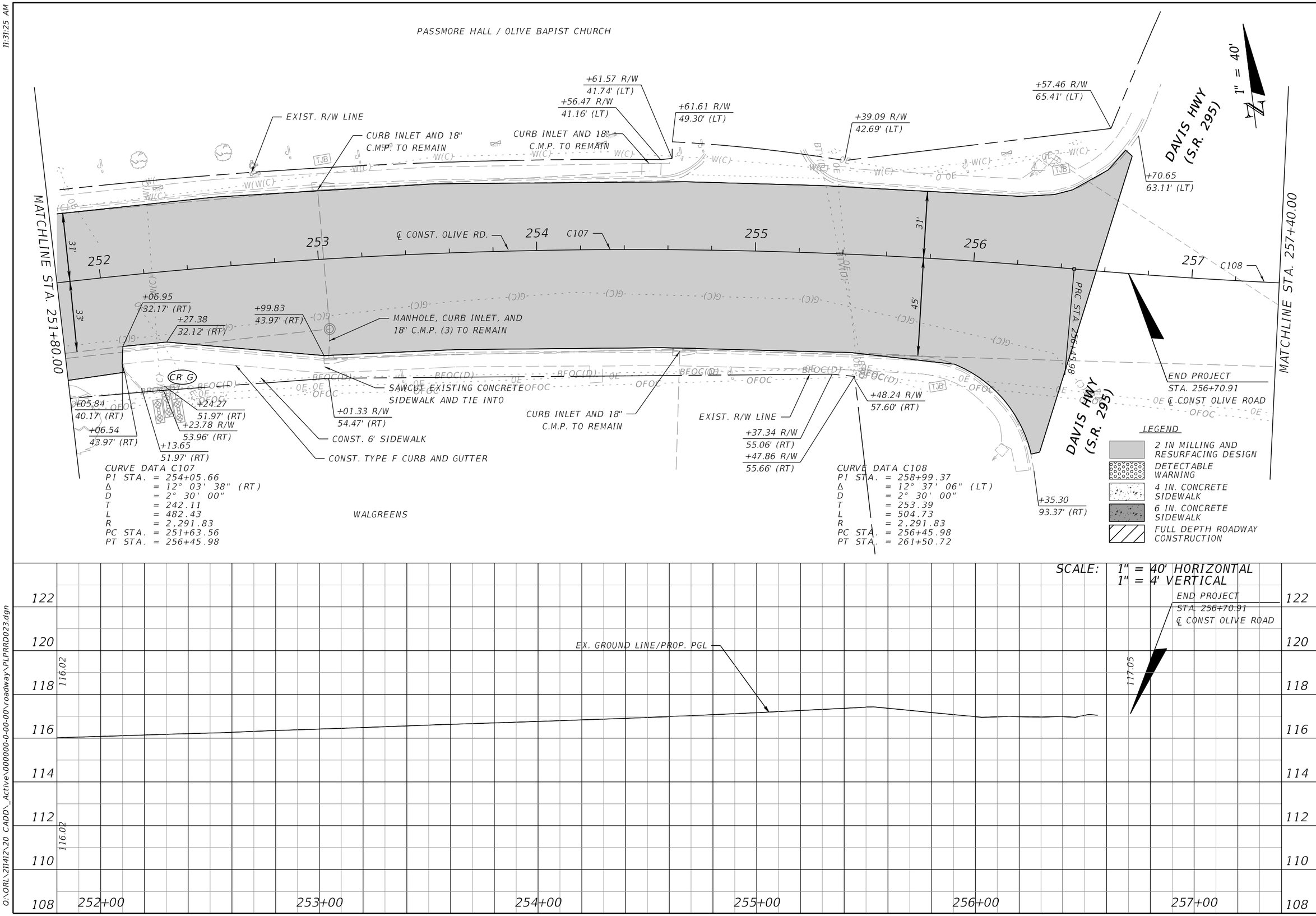

OLIVE ROAD STREET IMPROVEMENT PROJECT

ROADWAY PLAN-PROFILE

ESCAMBIA COUNTY, FLORIDA

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

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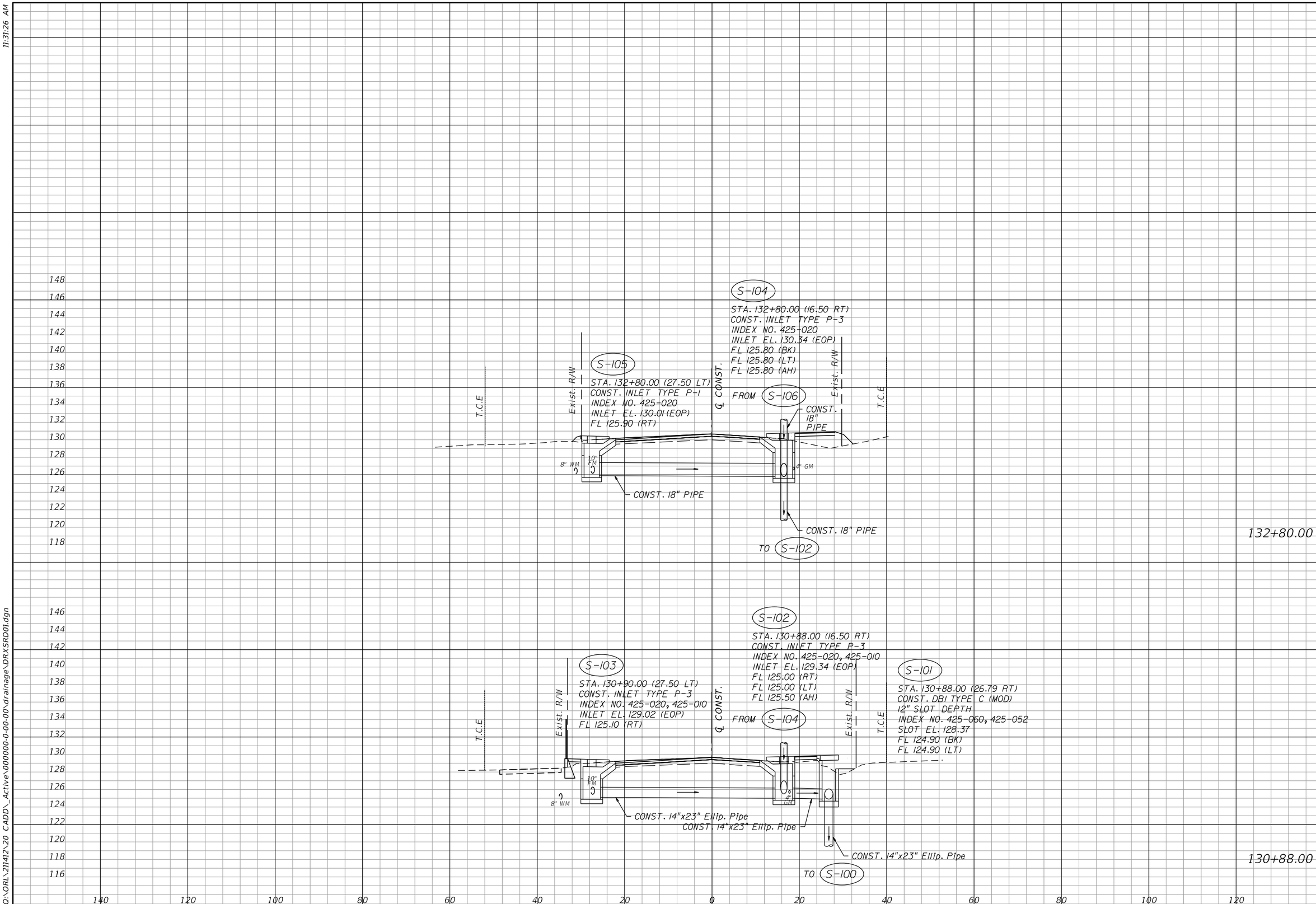

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

DRAWN BY: PD	DESIGNED BY: AM	CHECKED BY: JH	ENGINEER OF RECORD: JASON T. RIPLEY
DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328 / PHONE NUMBER: (850) 815-3040
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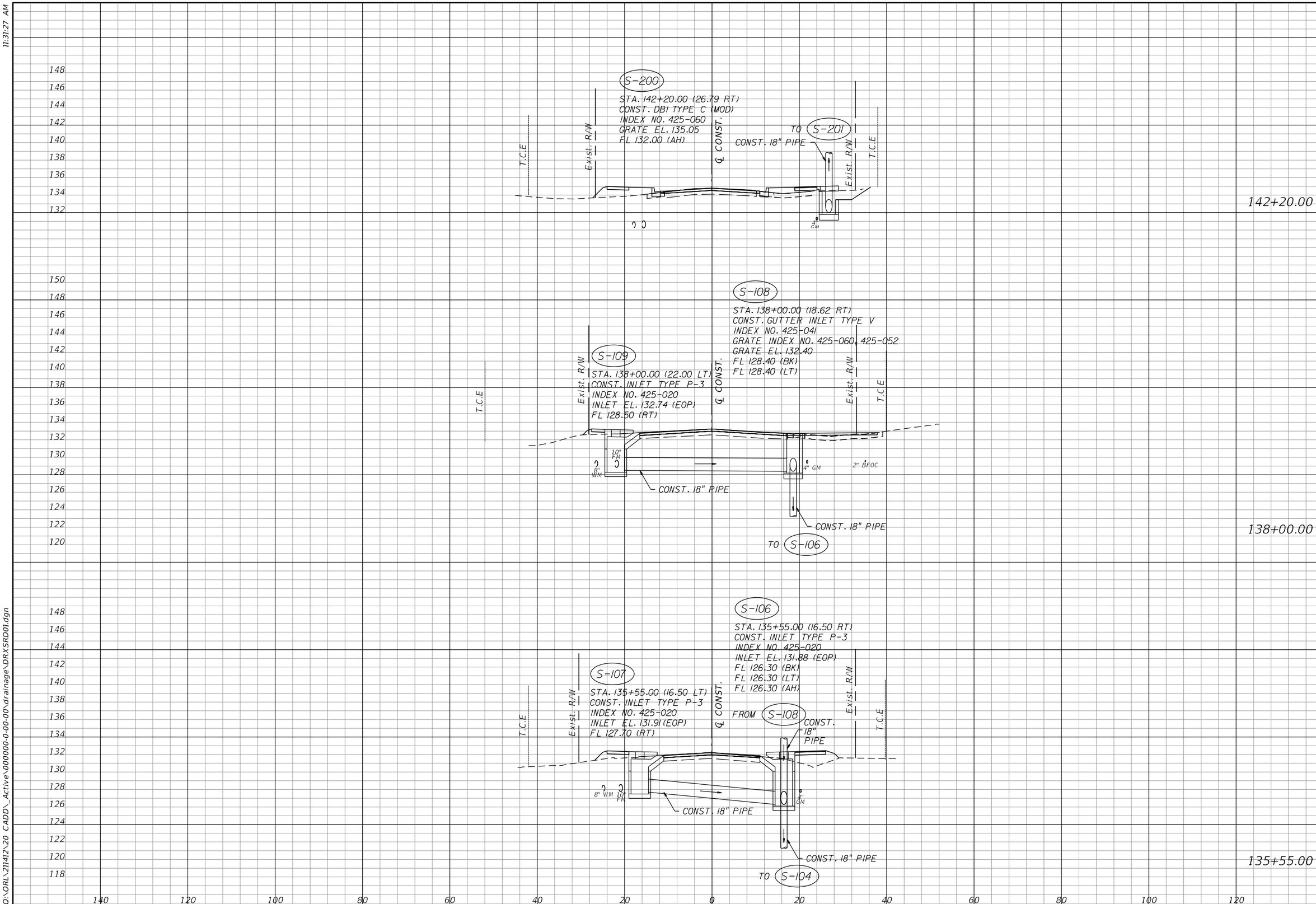

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

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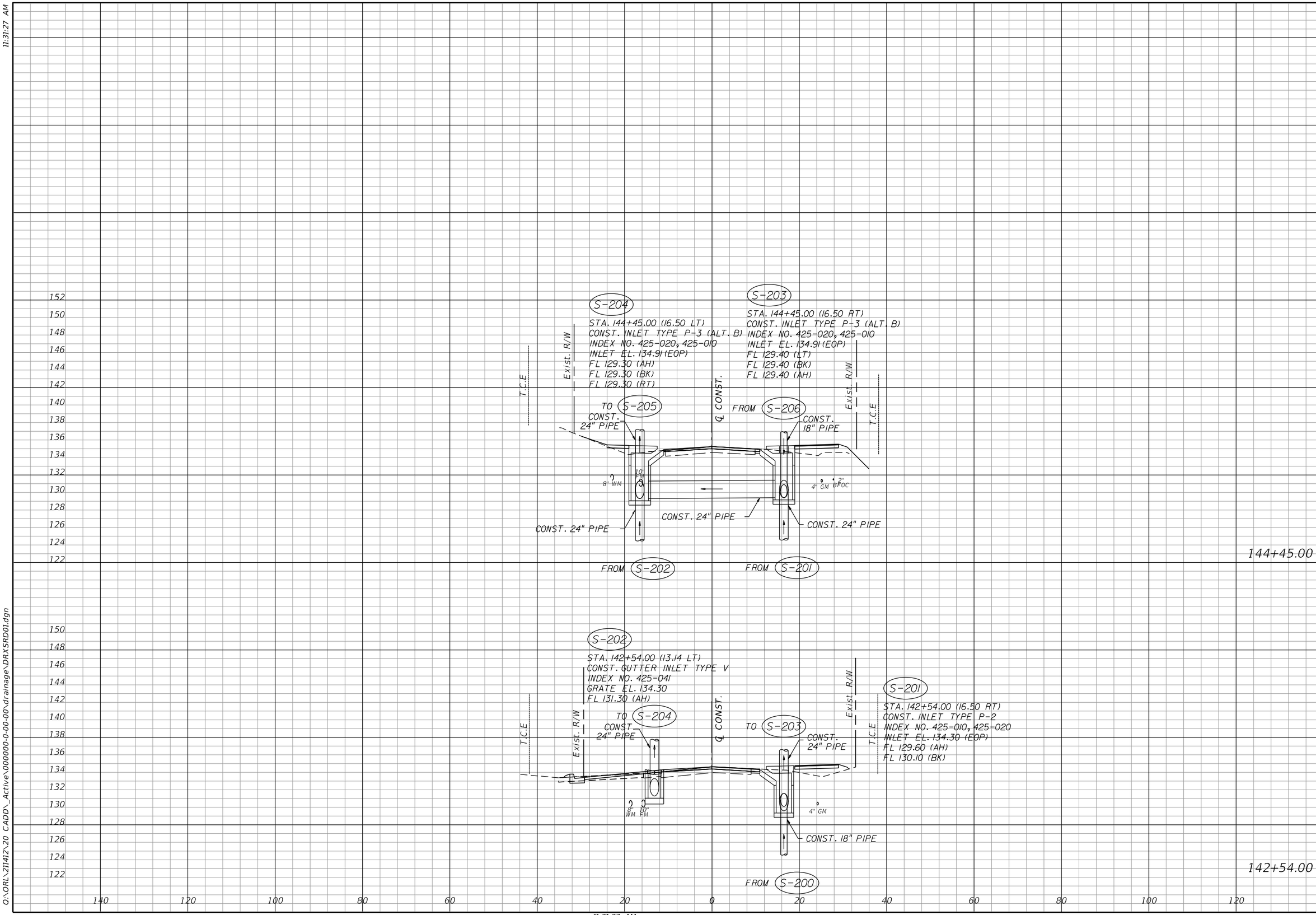

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328
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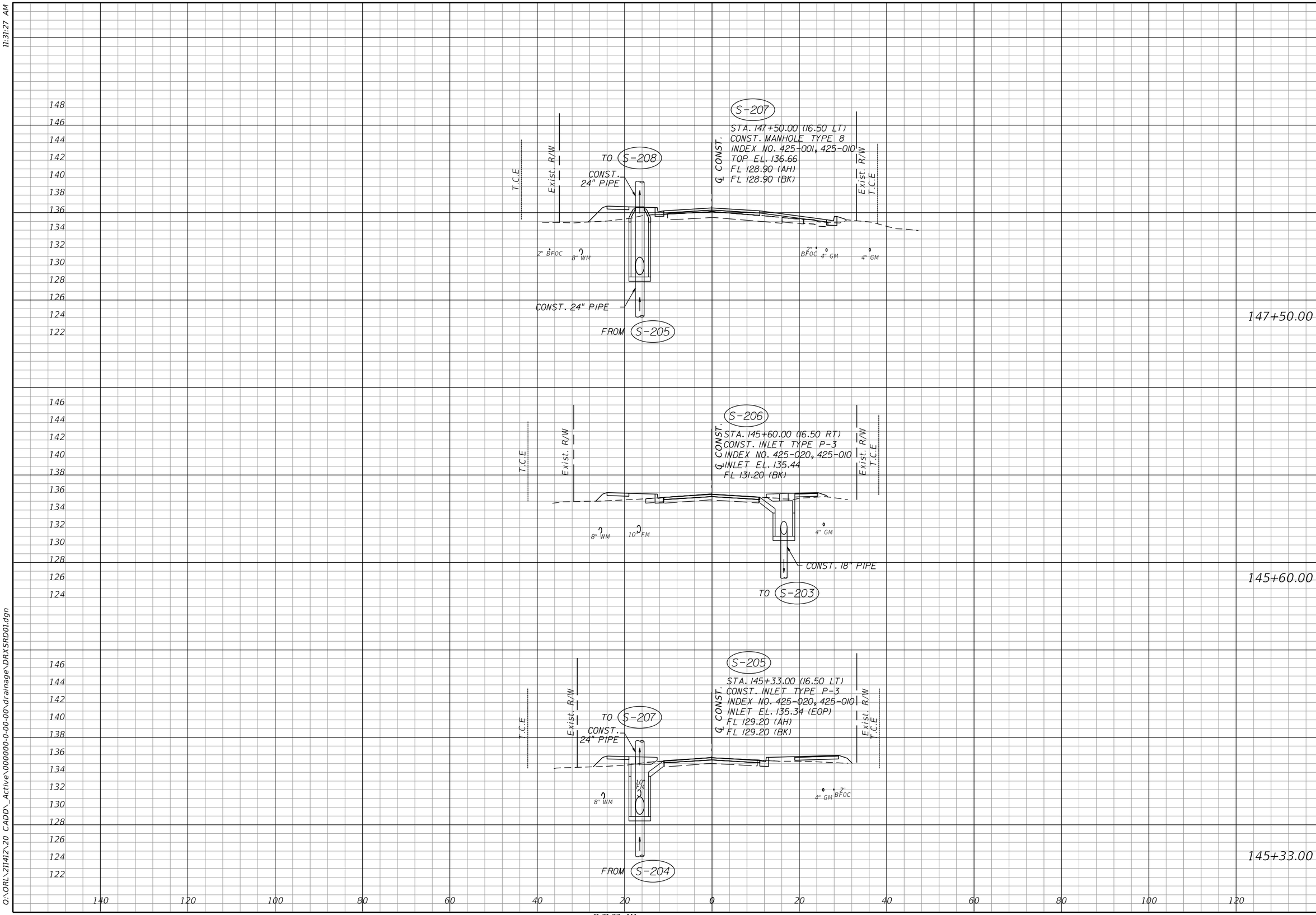

OLIVE ROAD STREET IMPROVEMENT PROJECT

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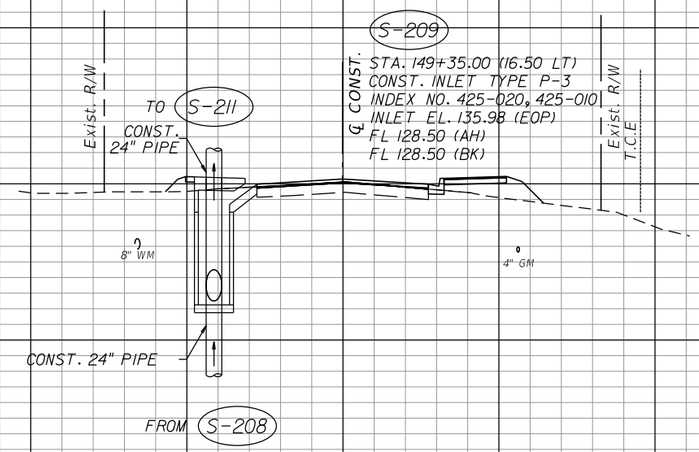

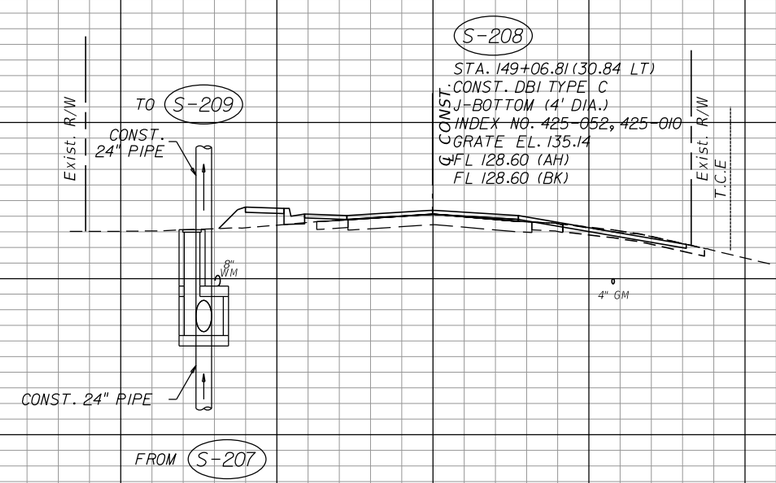

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

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: 5/11/2022
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

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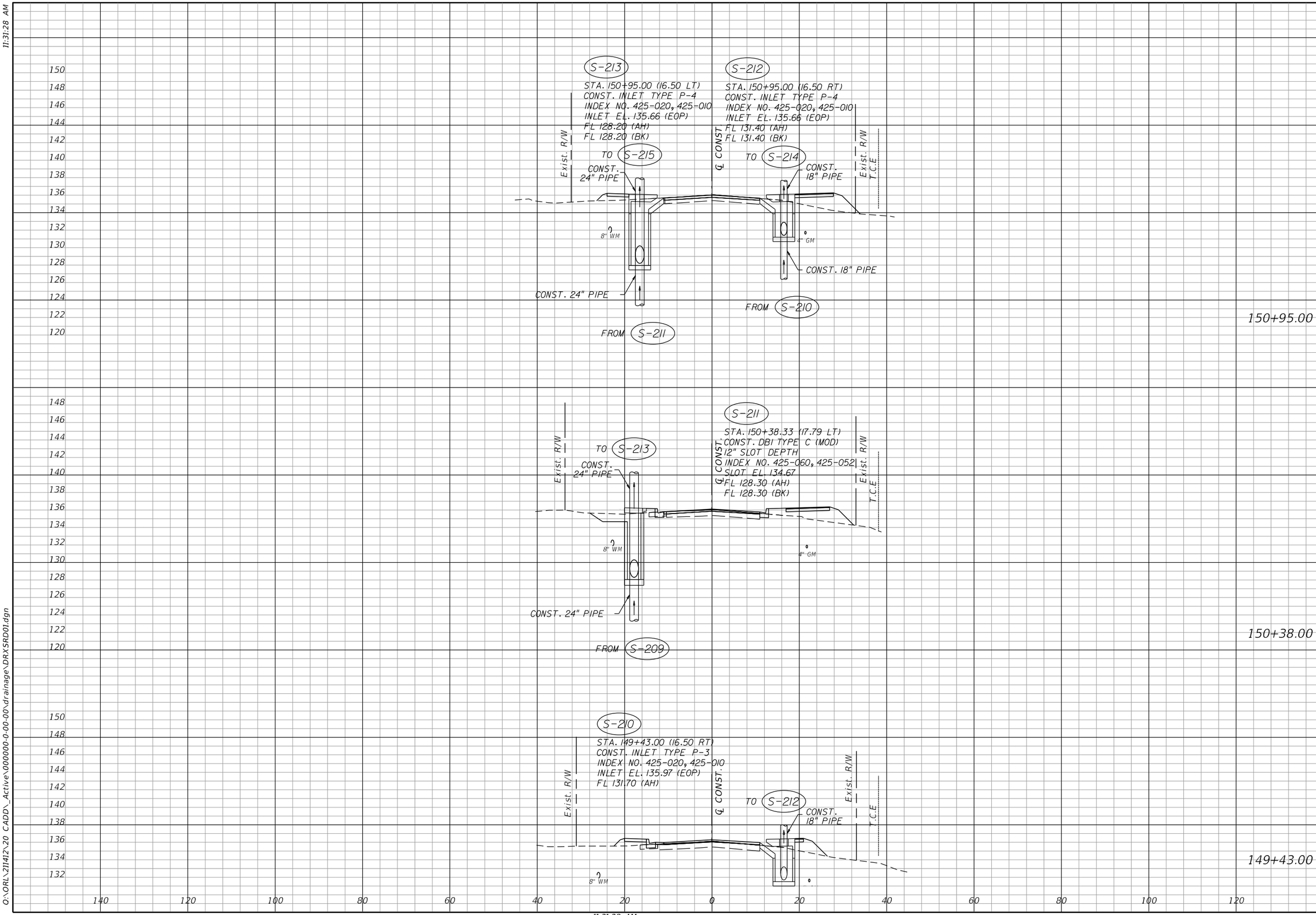

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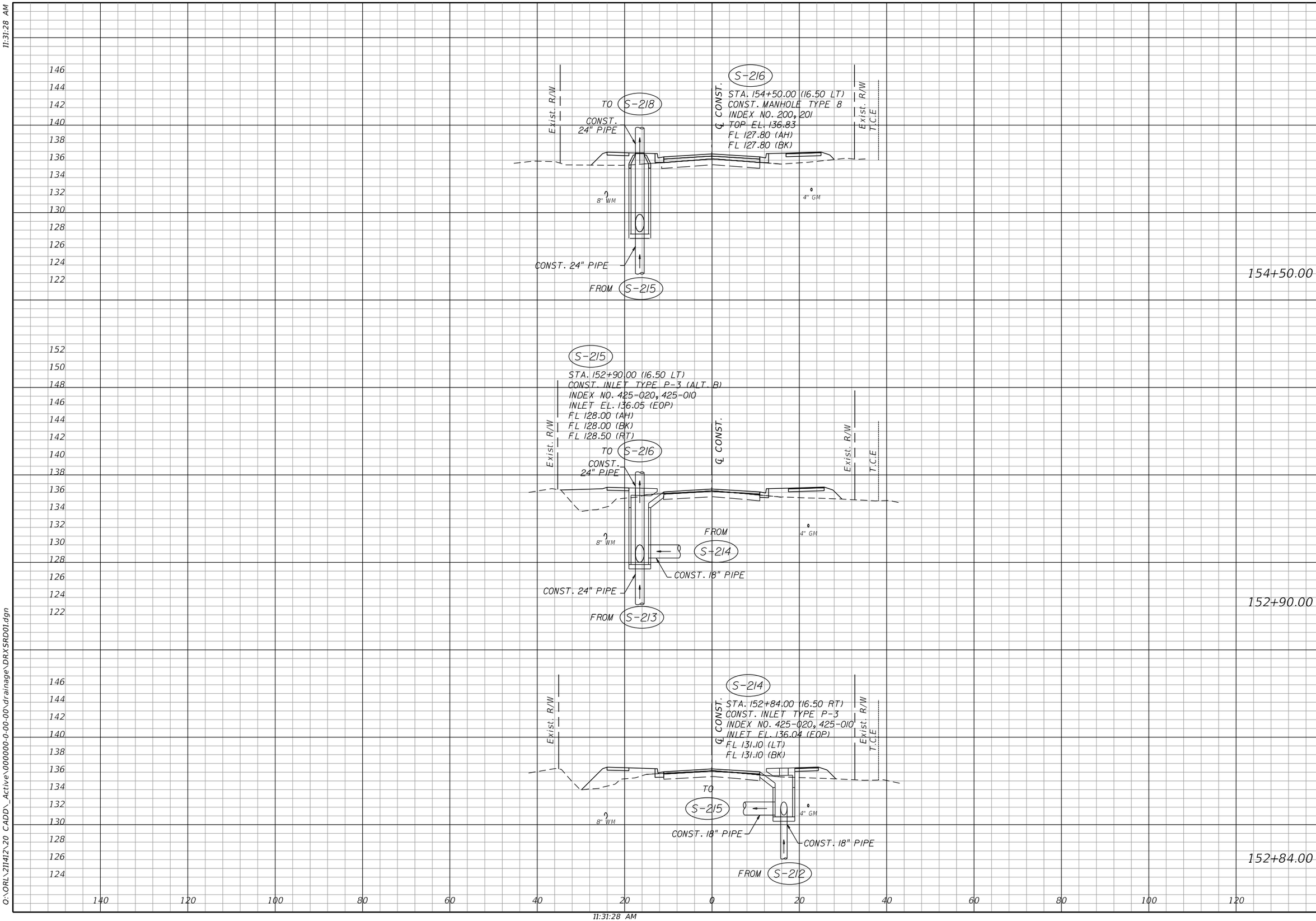

OLIVE ROAD STREET IMPROVEMENT PROJECT

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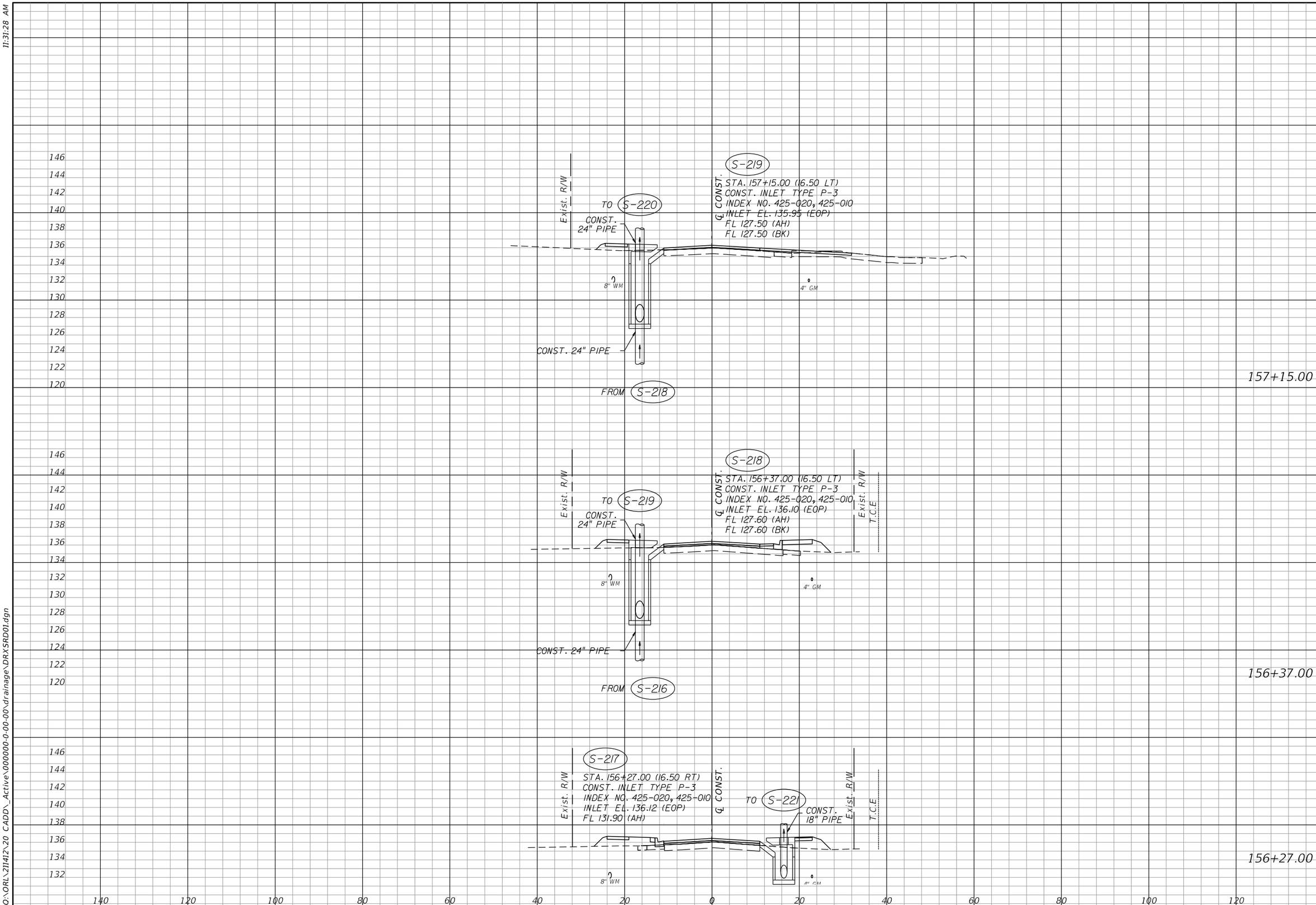

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ENGINEER OF RECORD: JASON T. RIPLEY
REG. FLA. ENG. NO.: 68328
PHONE NUMBER: (850) 815-3040

DRAWN BY: PD
DESIGNED BY: AW
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PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
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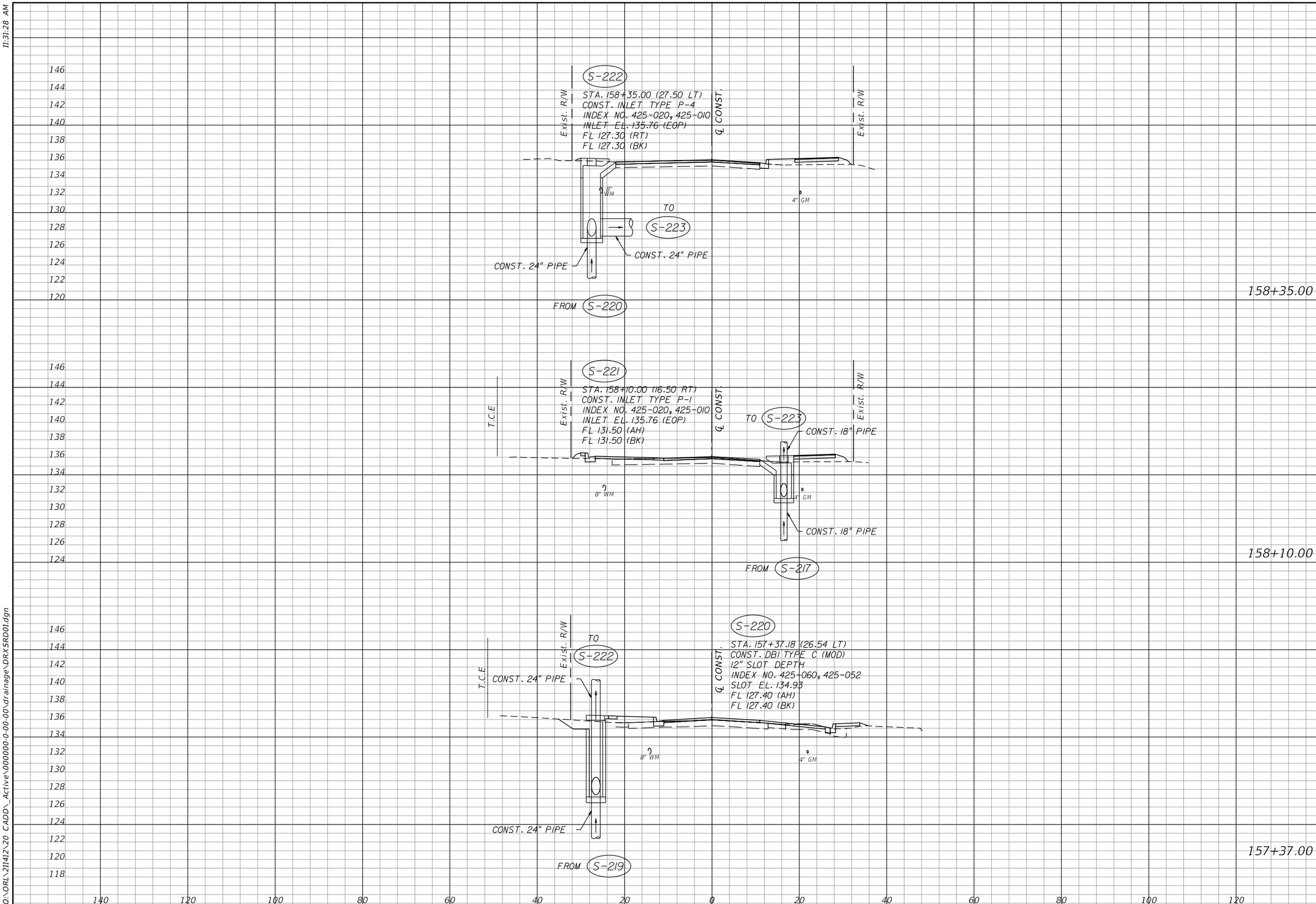

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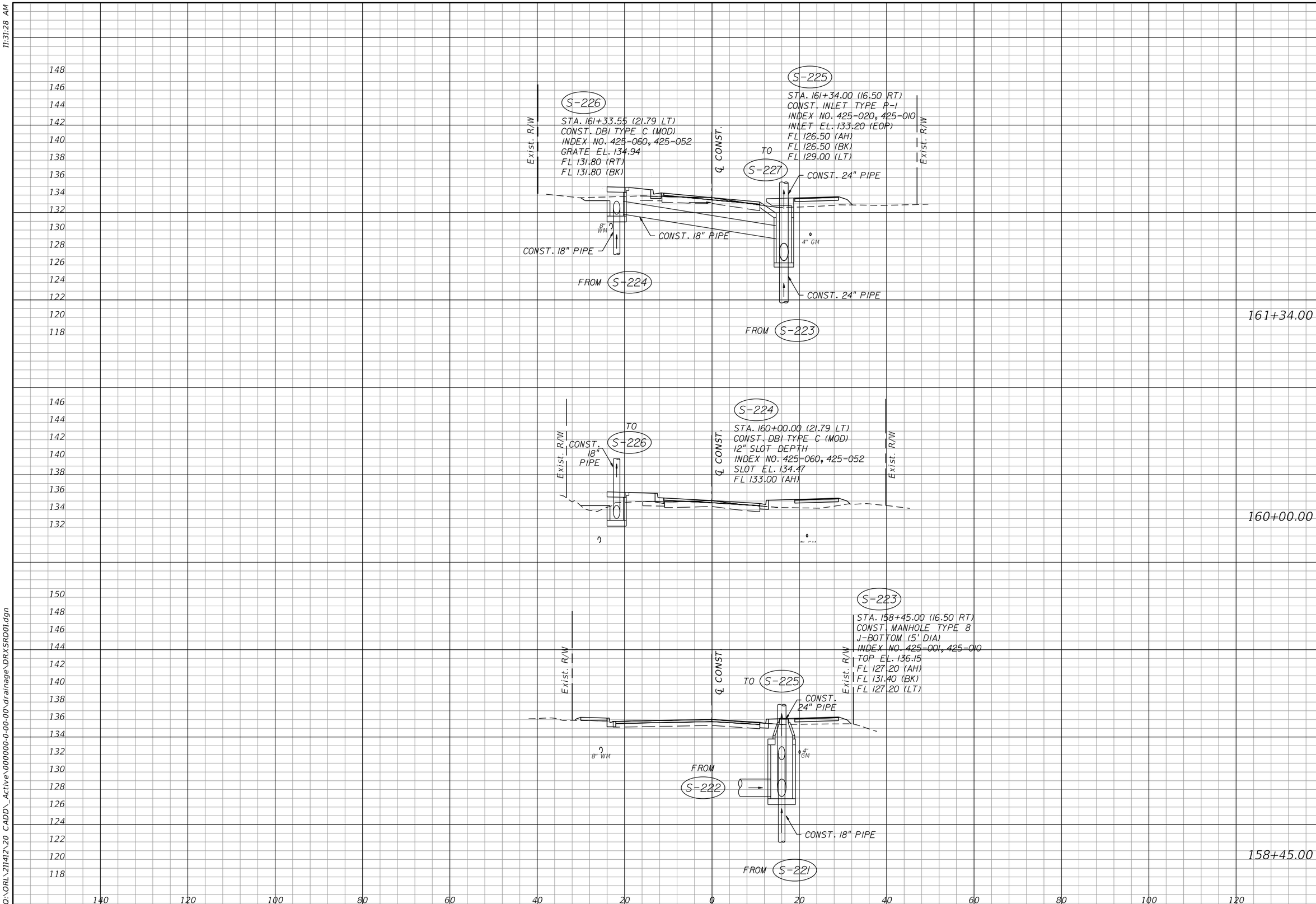

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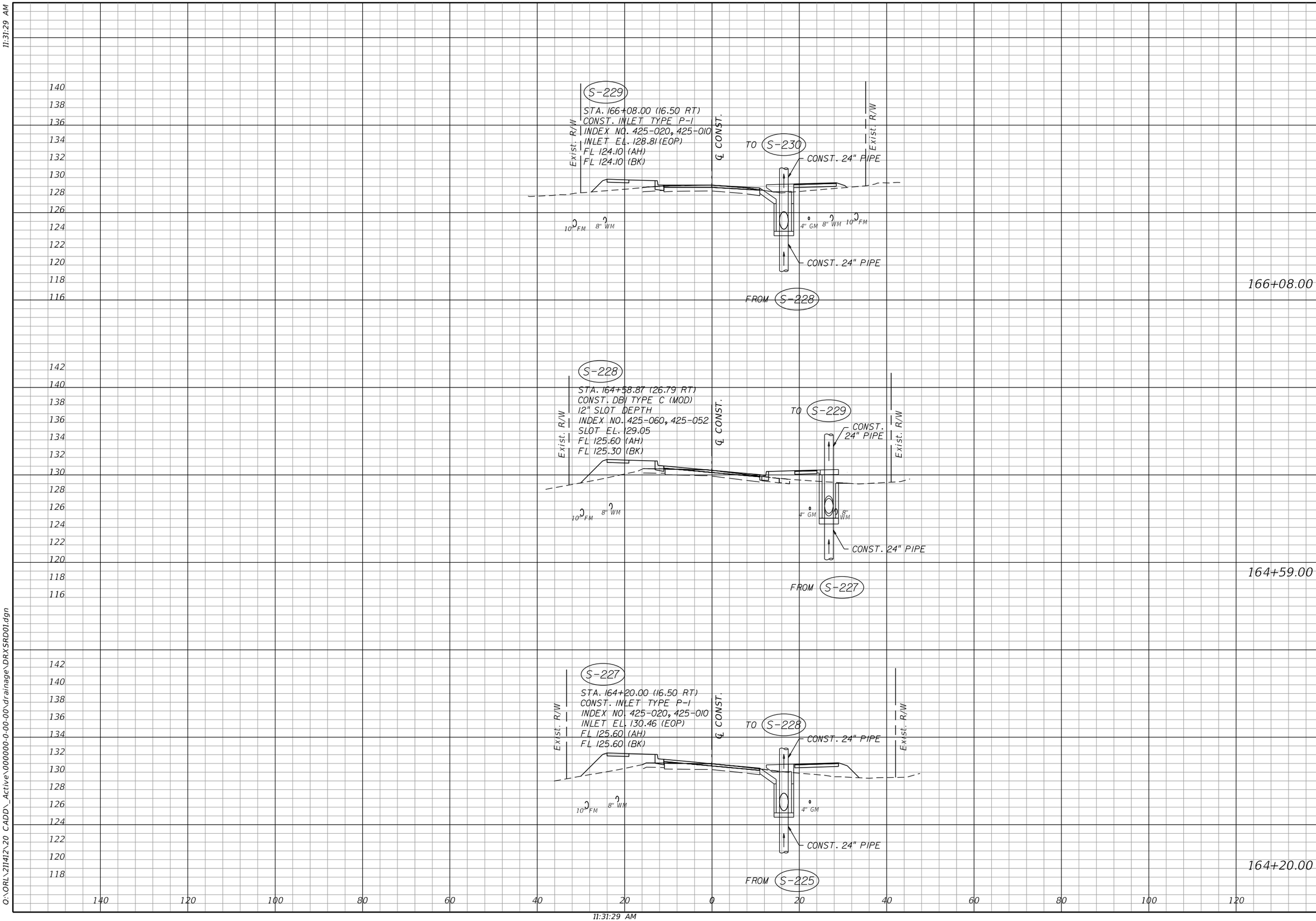

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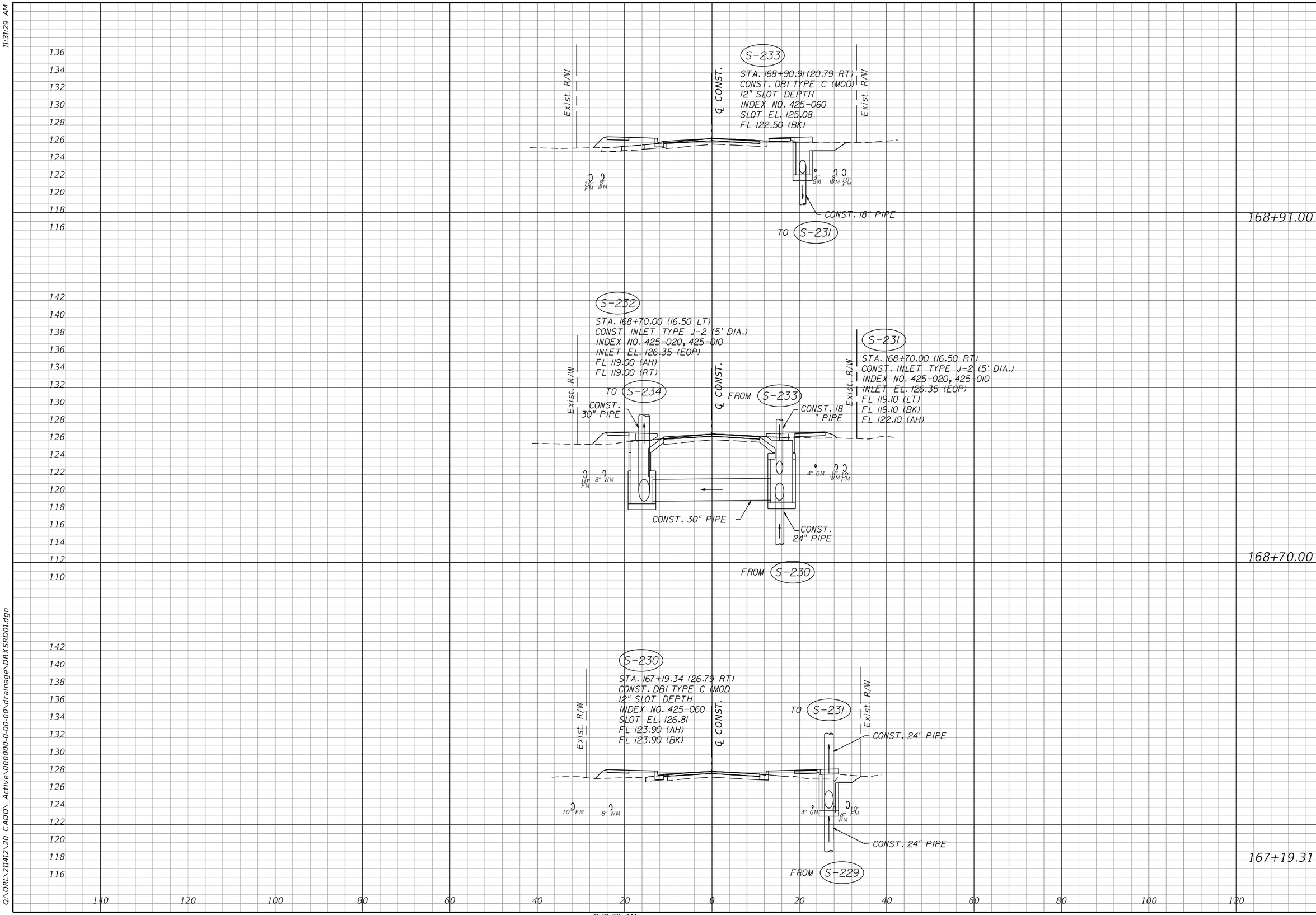

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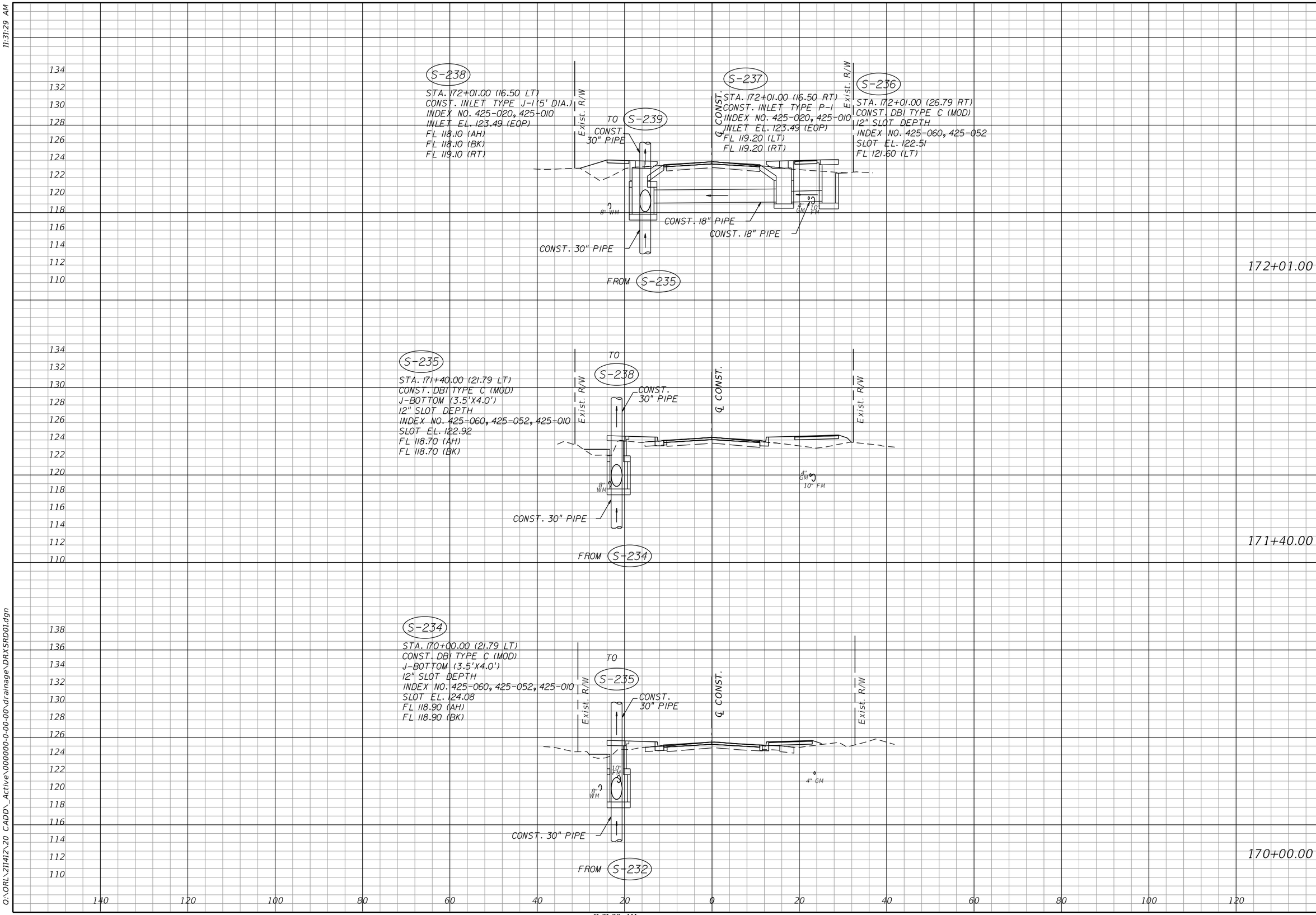

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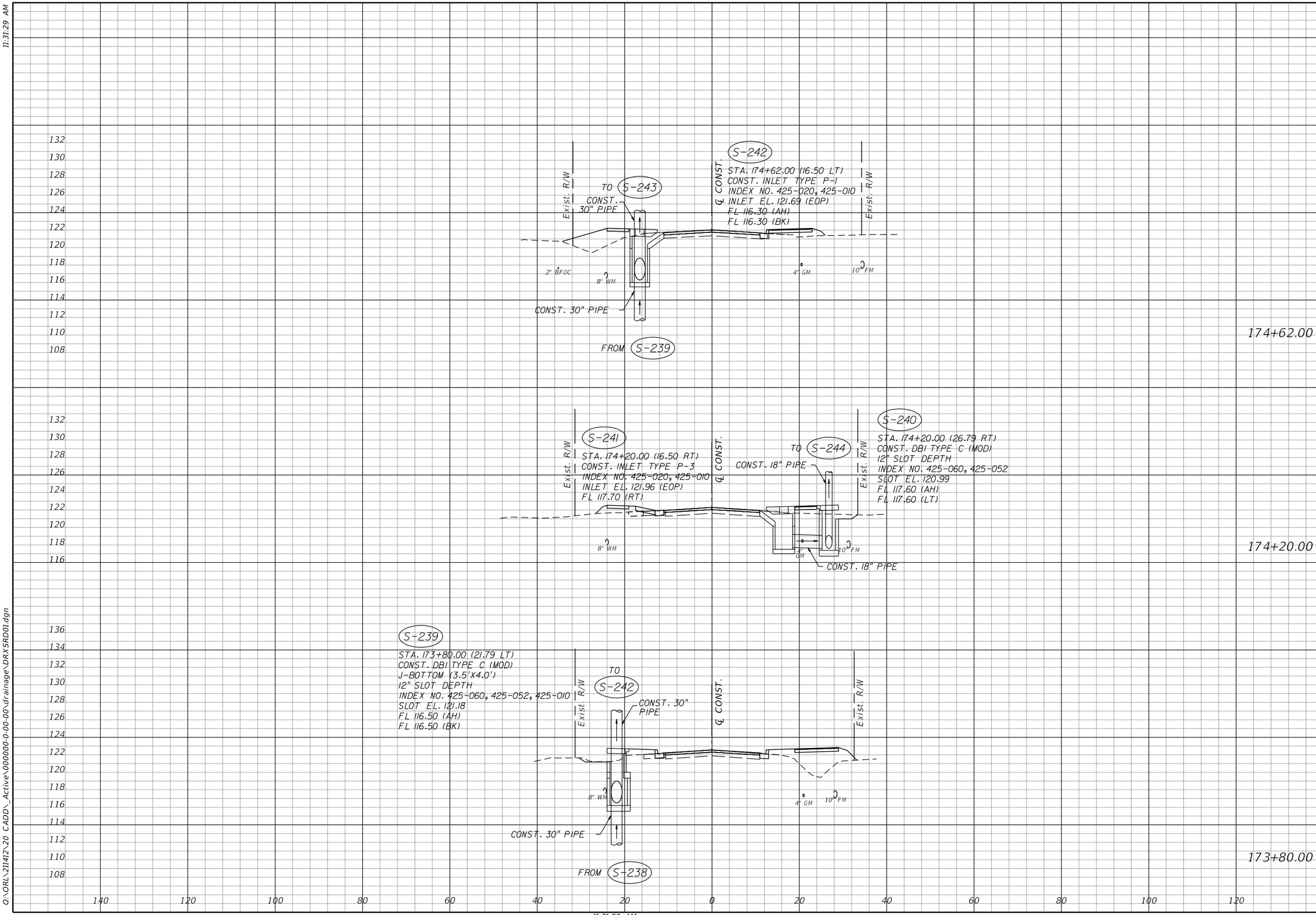

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NUMBER	REVISIONS	DATE	APPROVED BY

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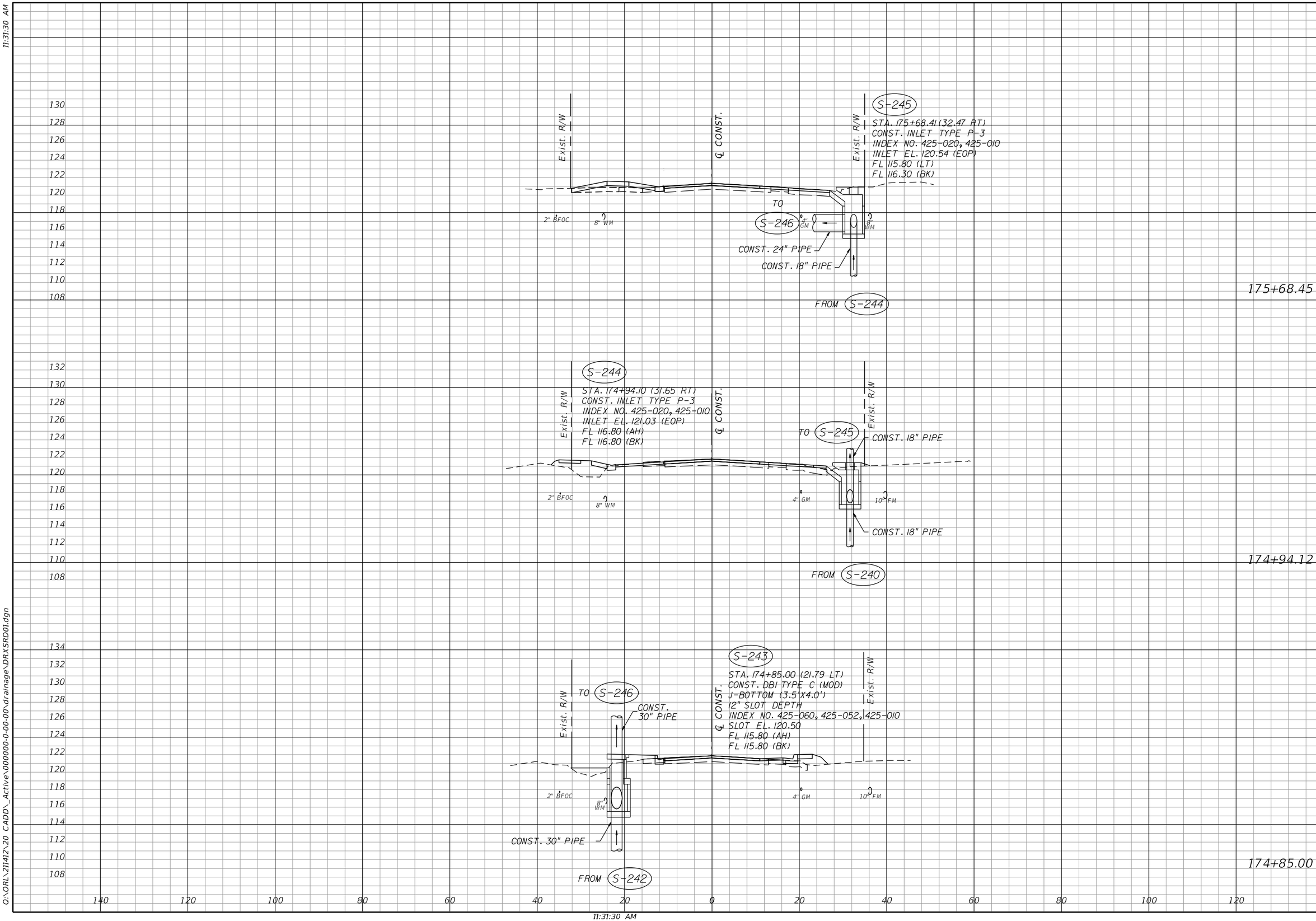

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY FLORIDA

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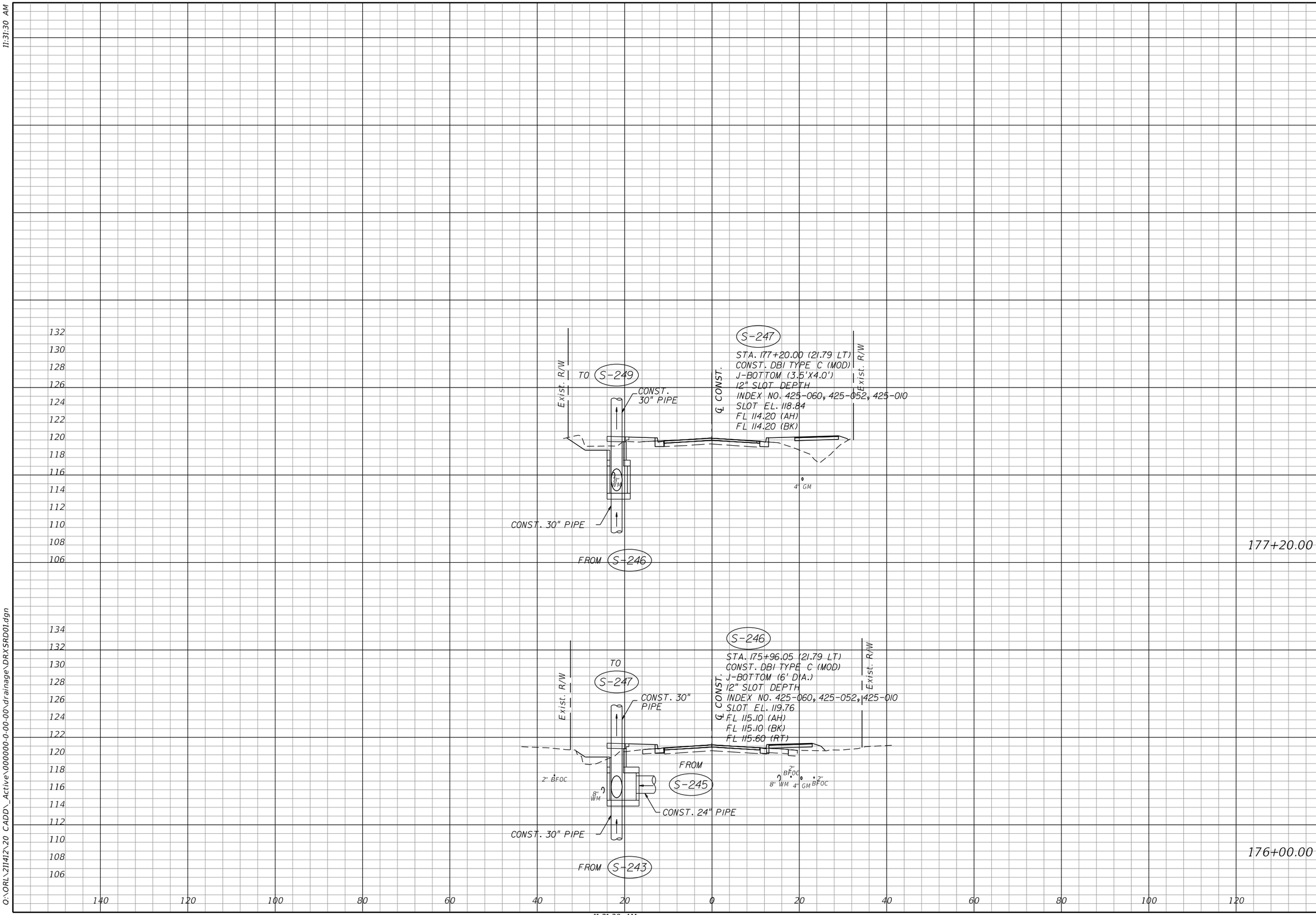

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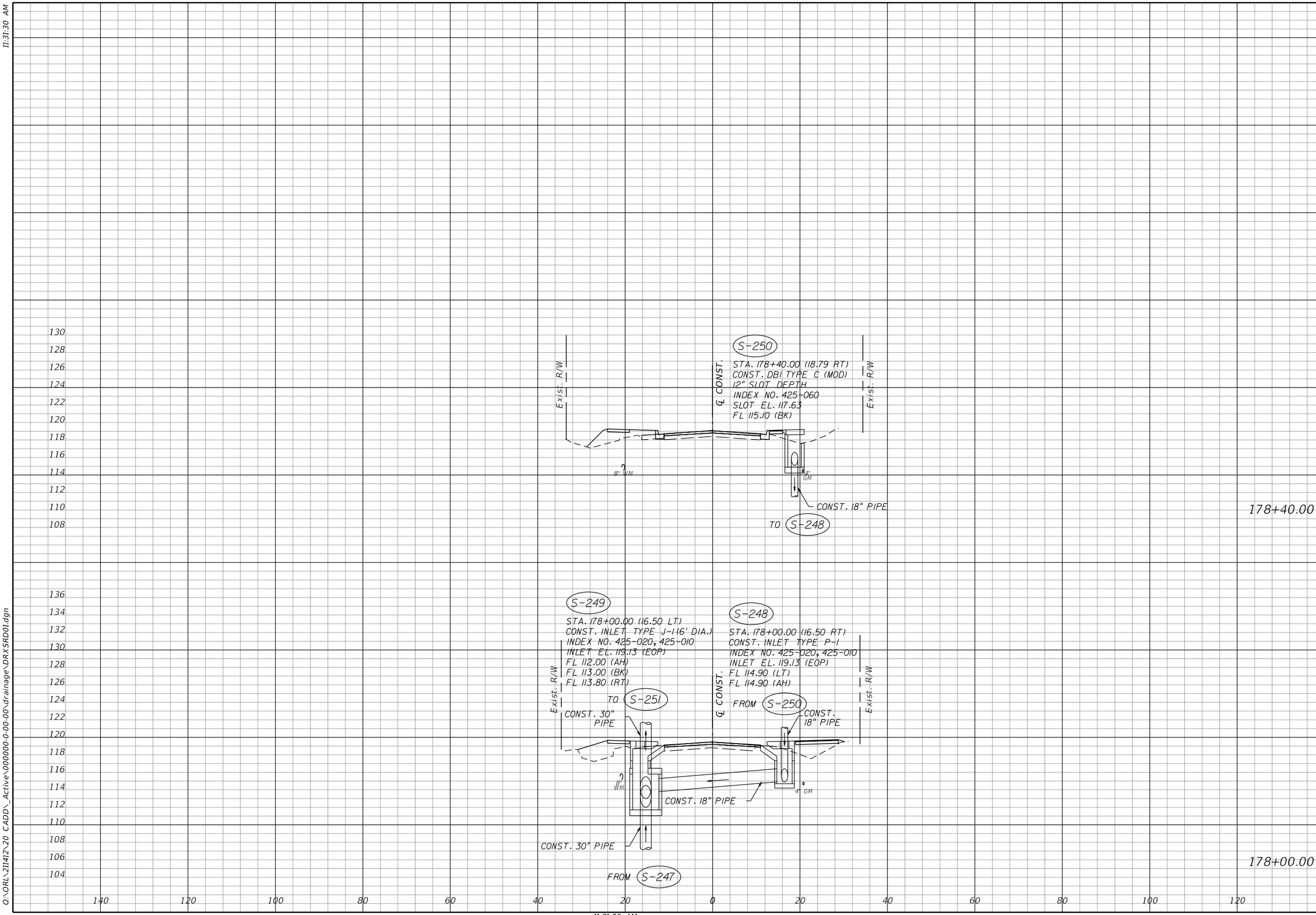

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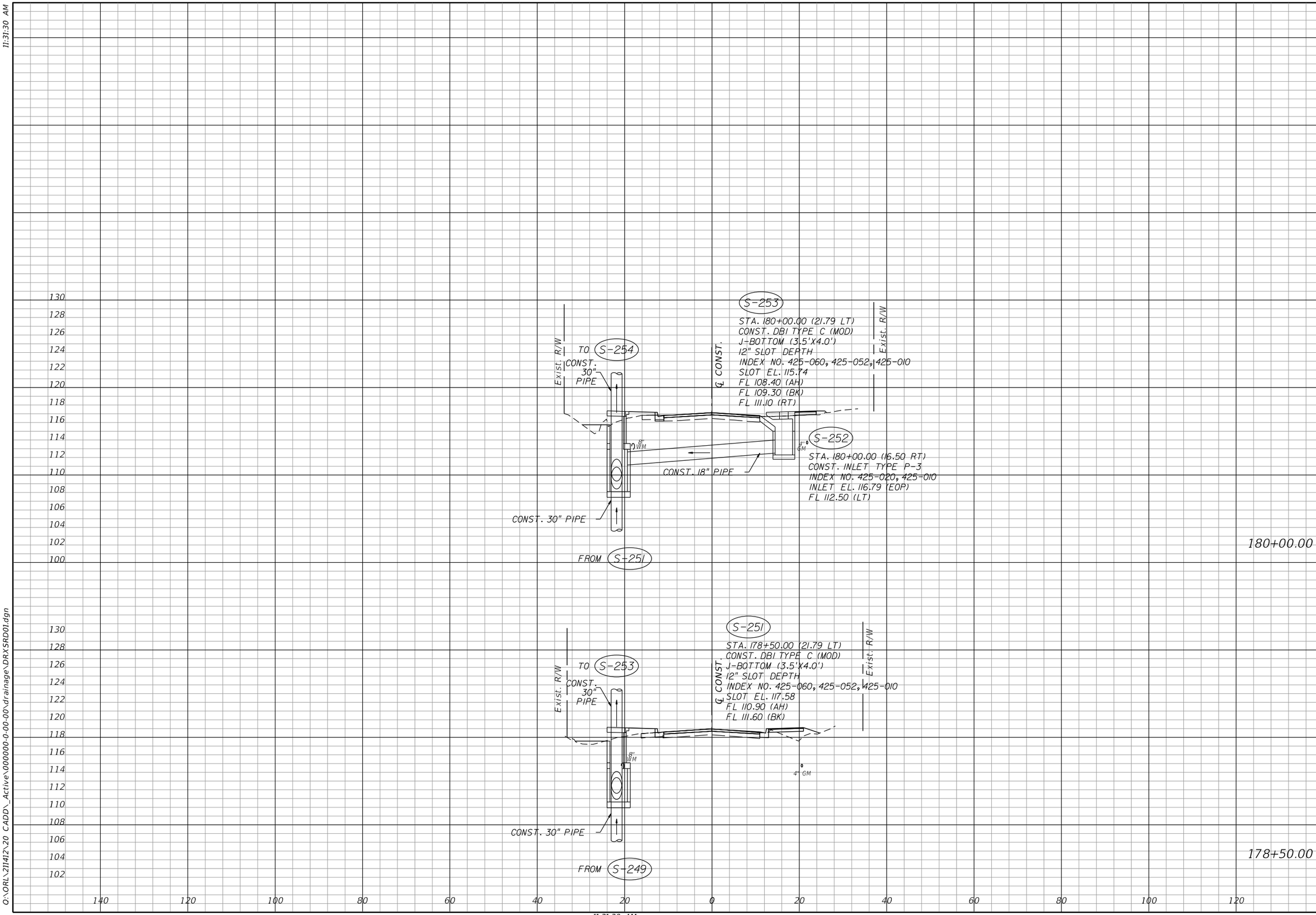

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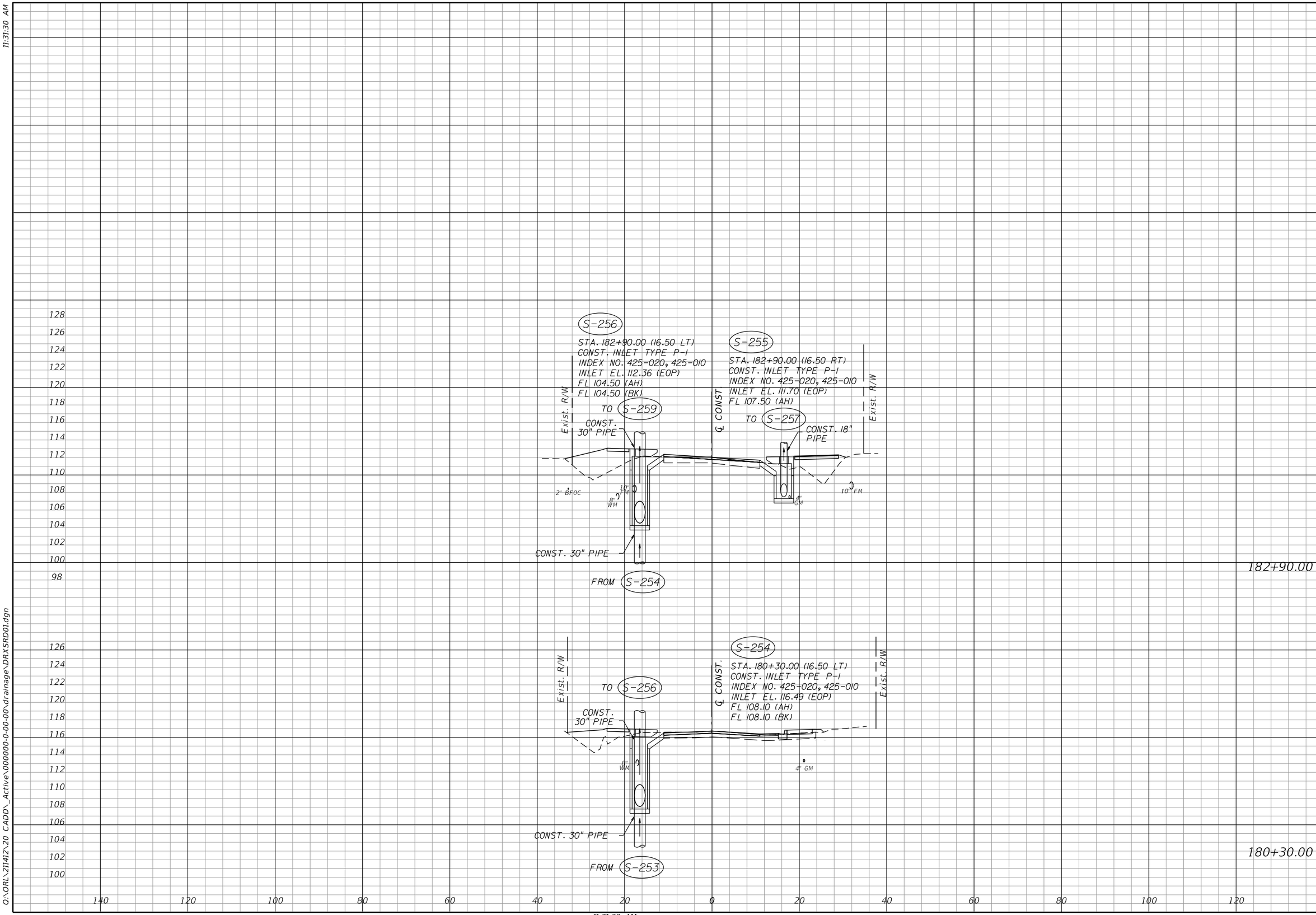

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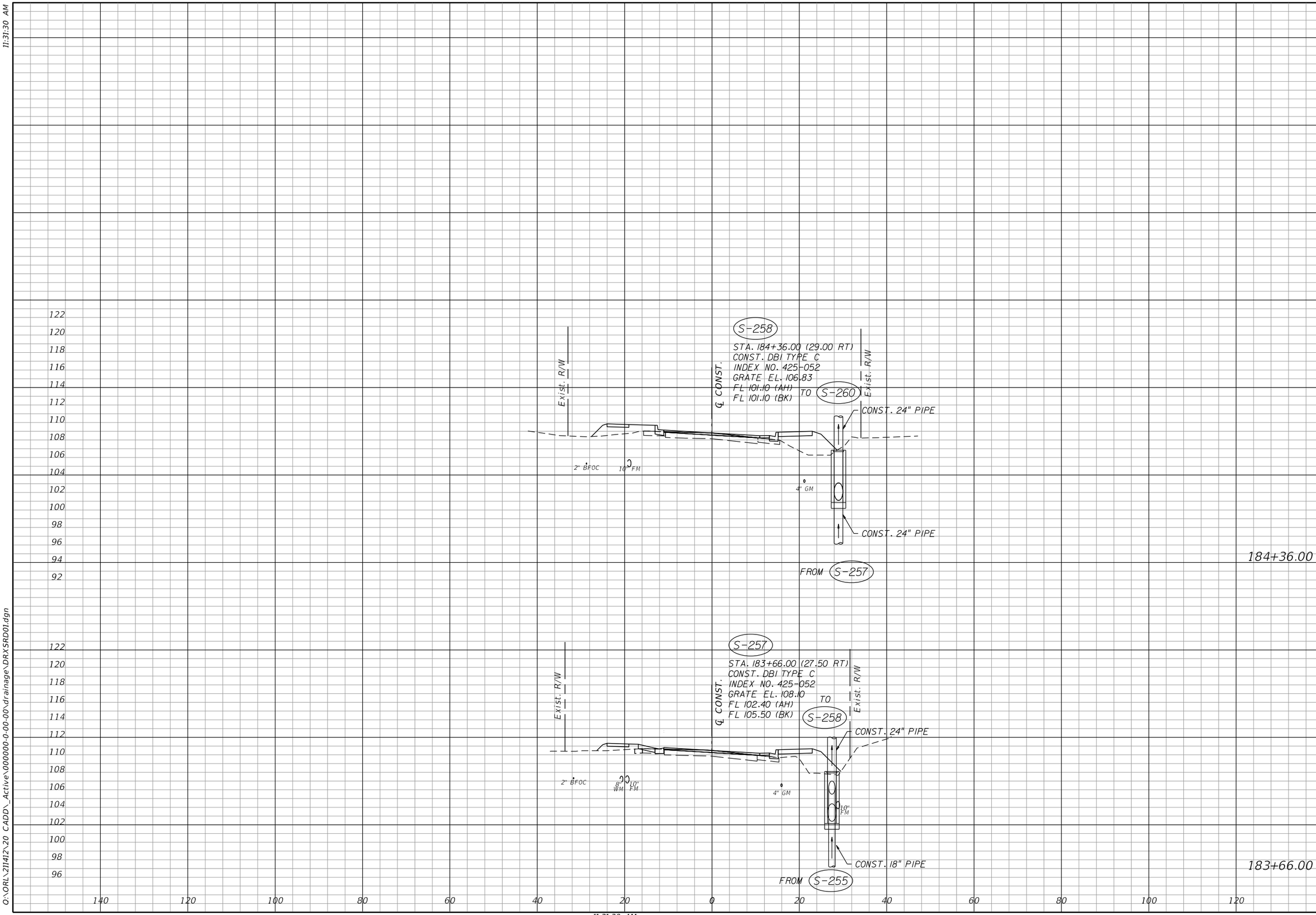

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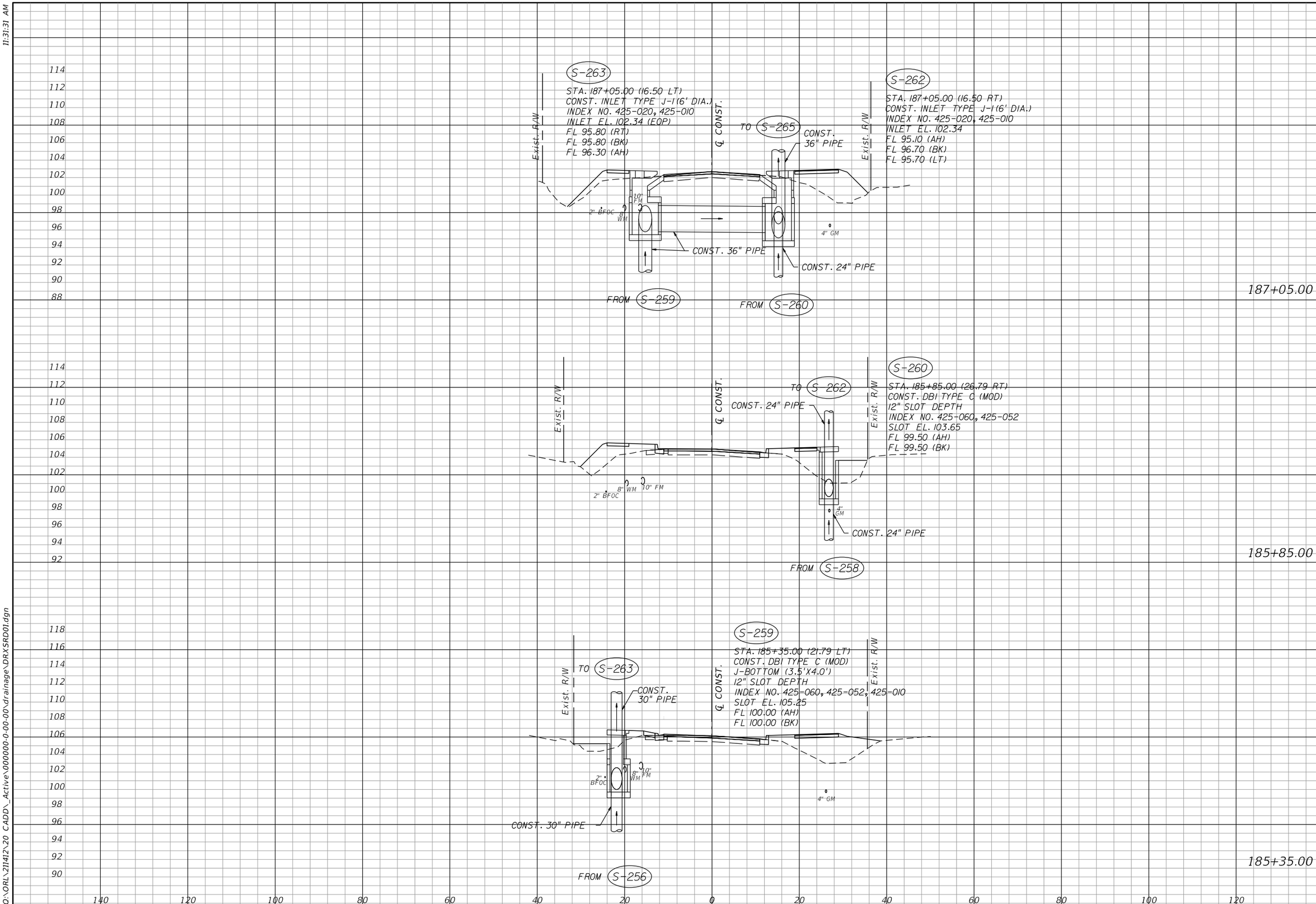

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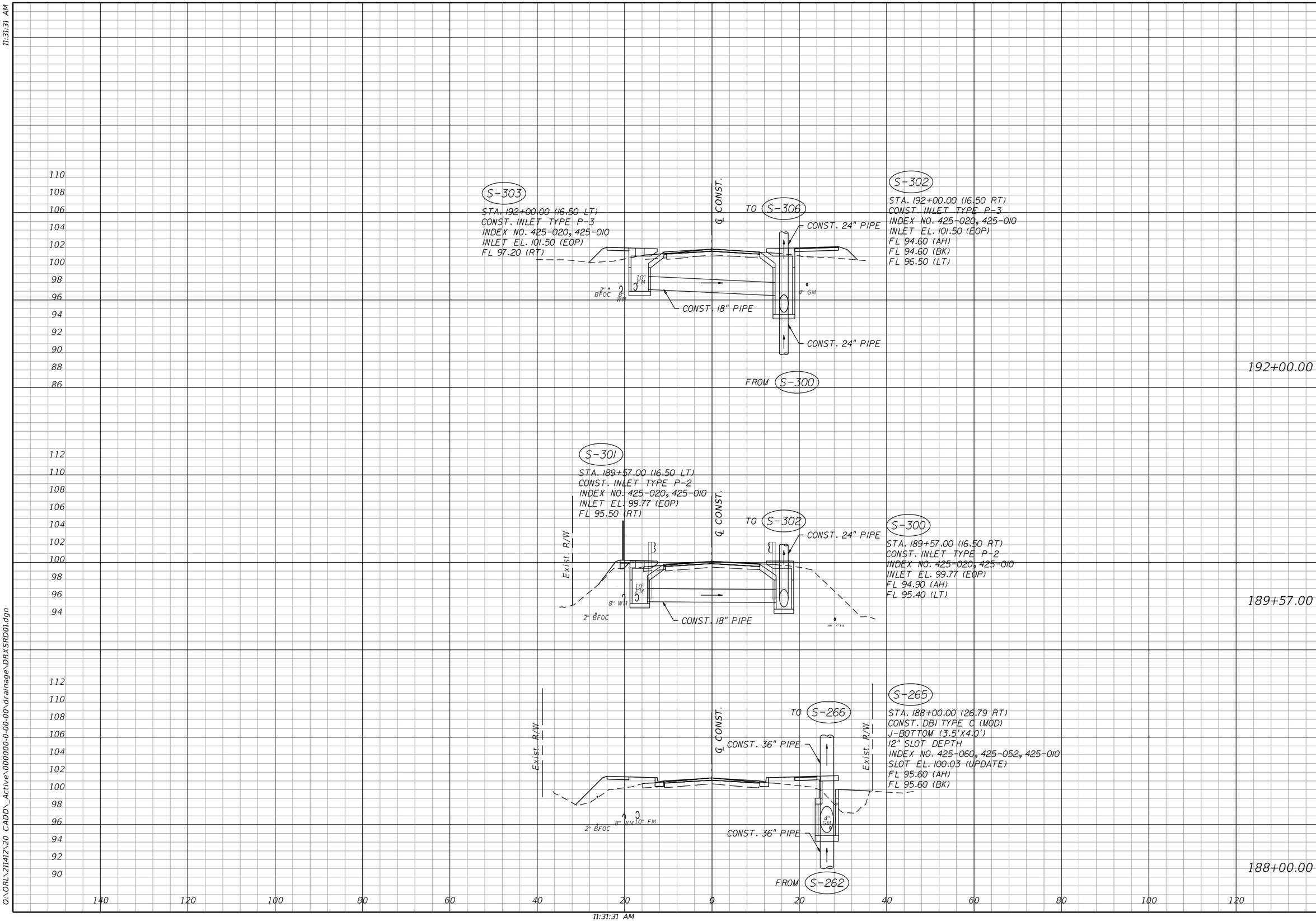

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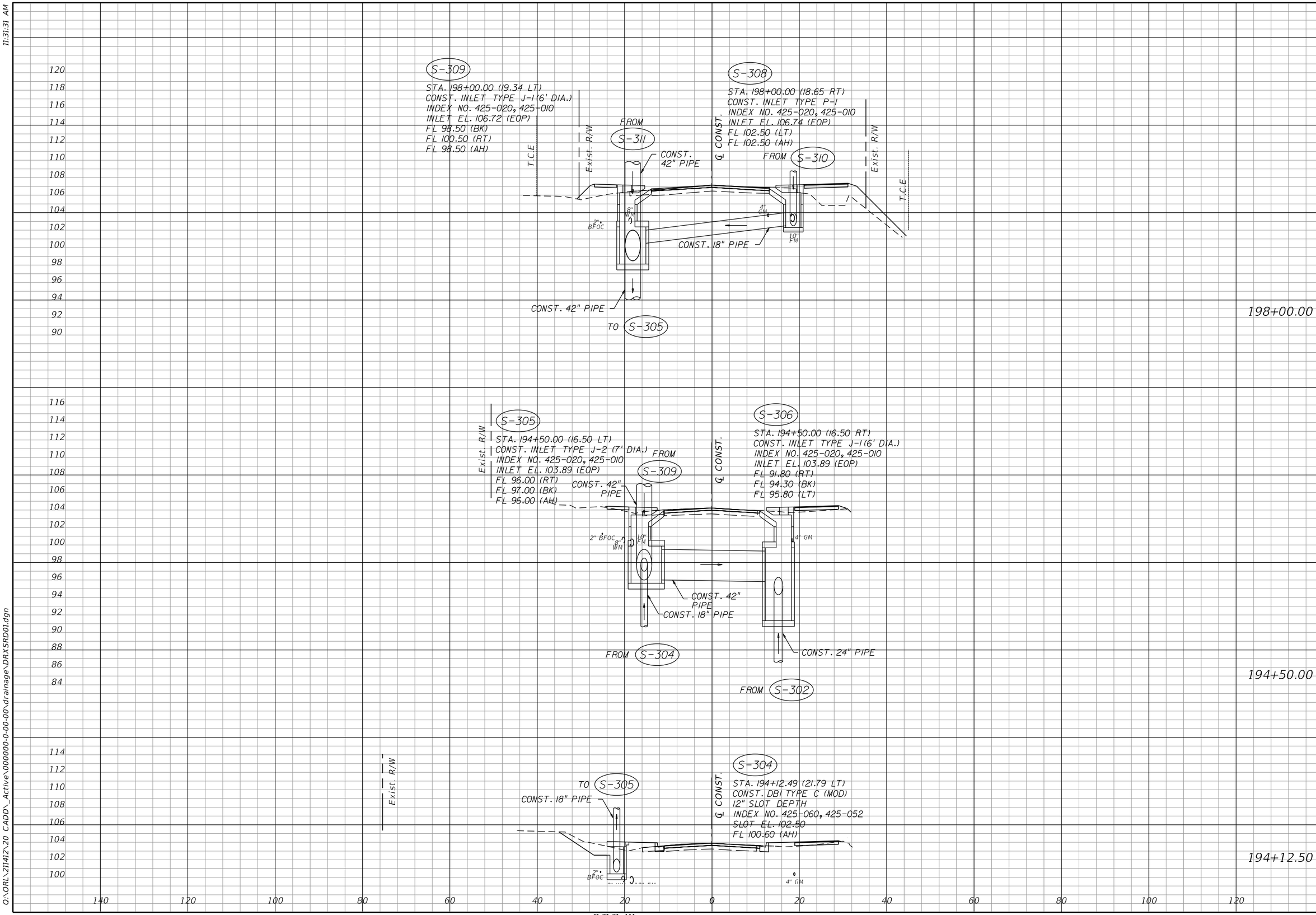

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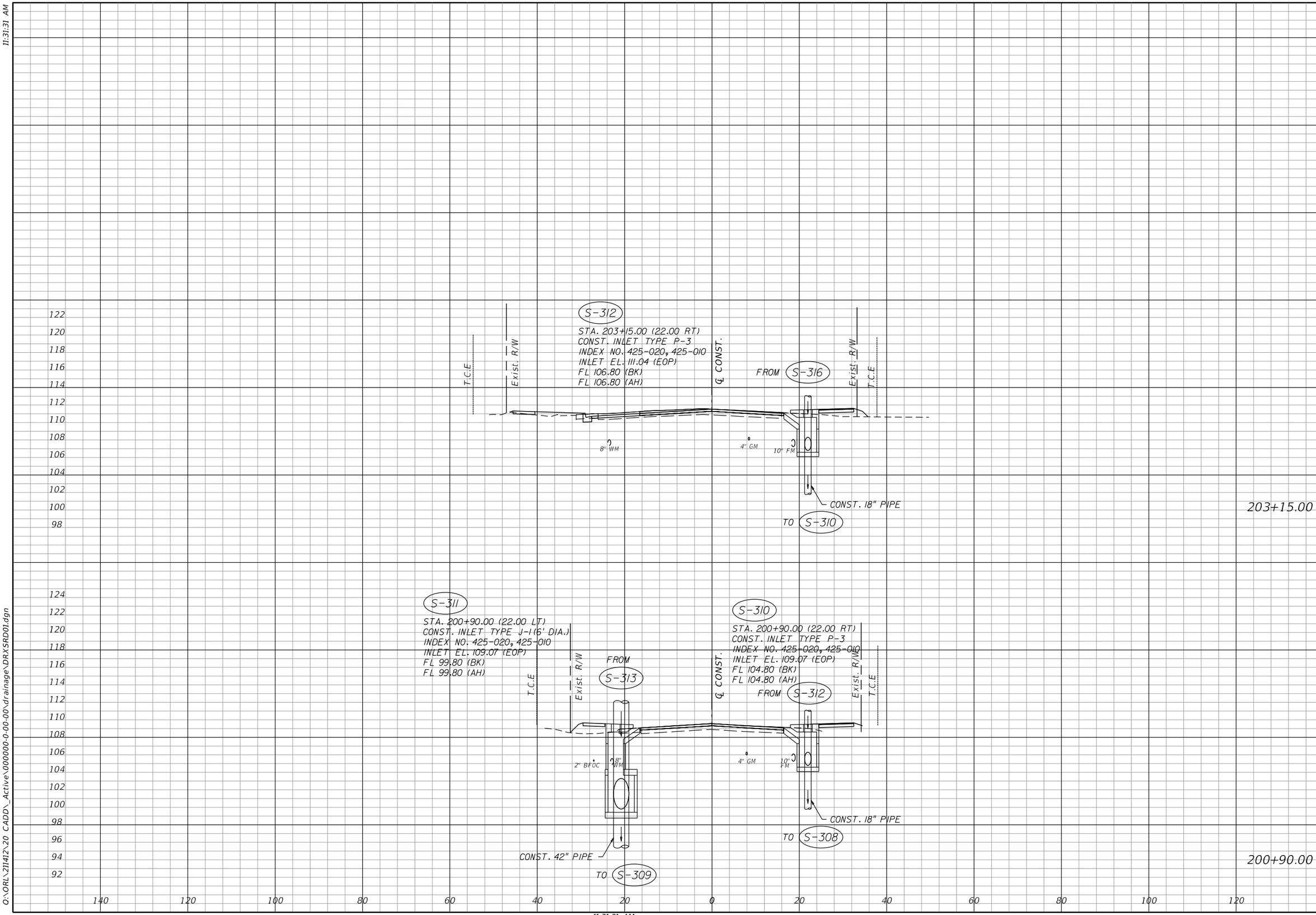

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

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: 5/11/2022	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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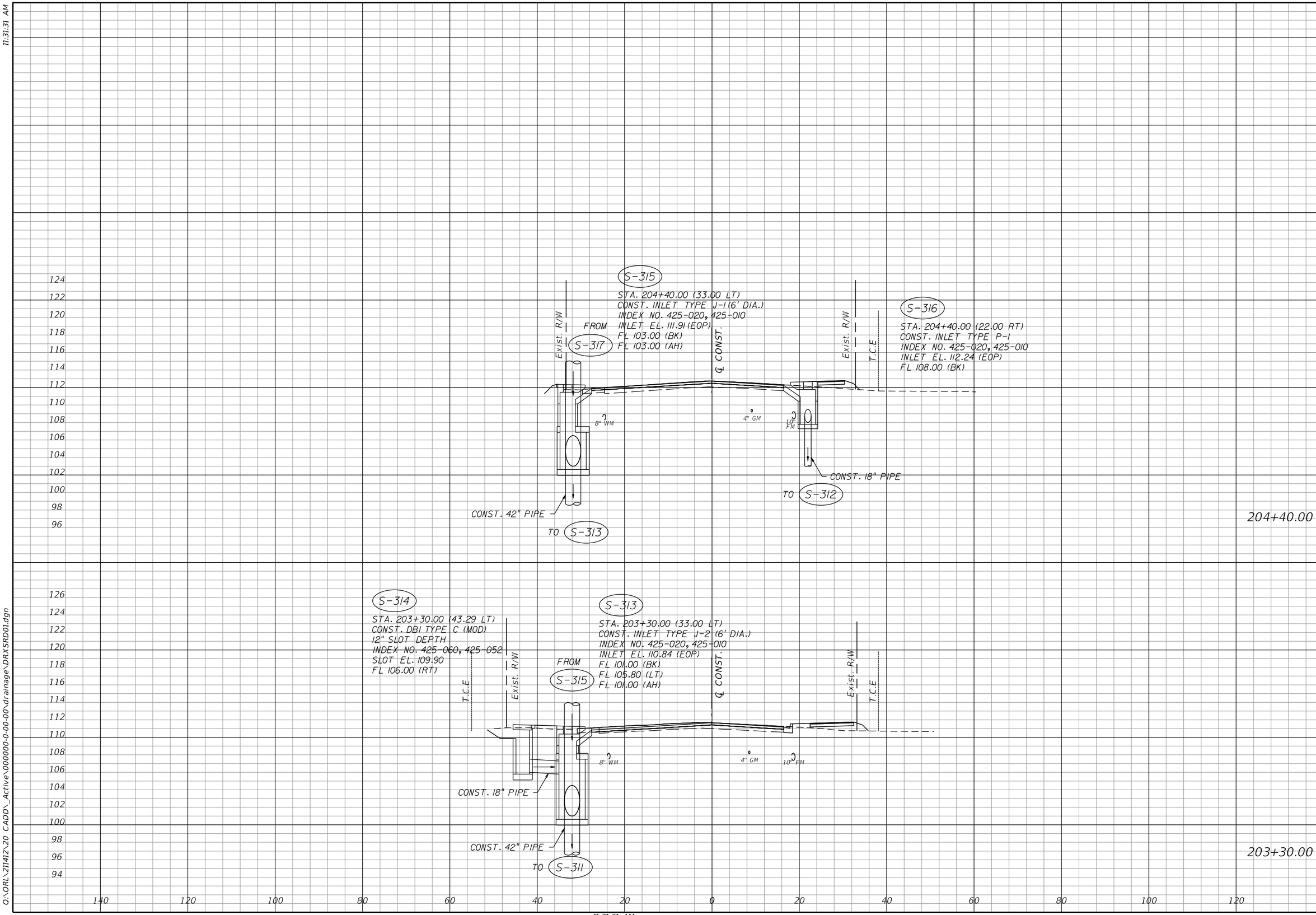

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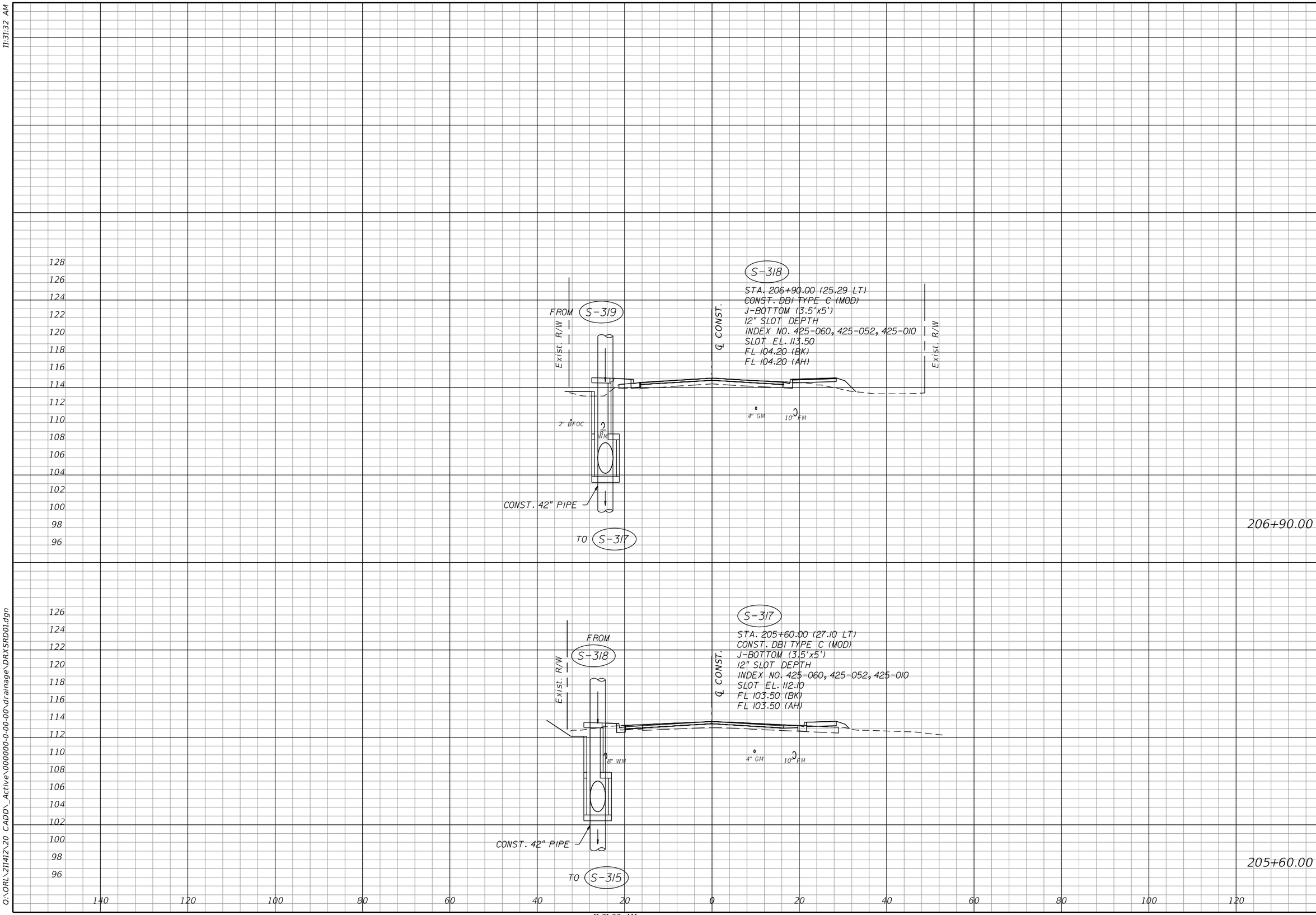

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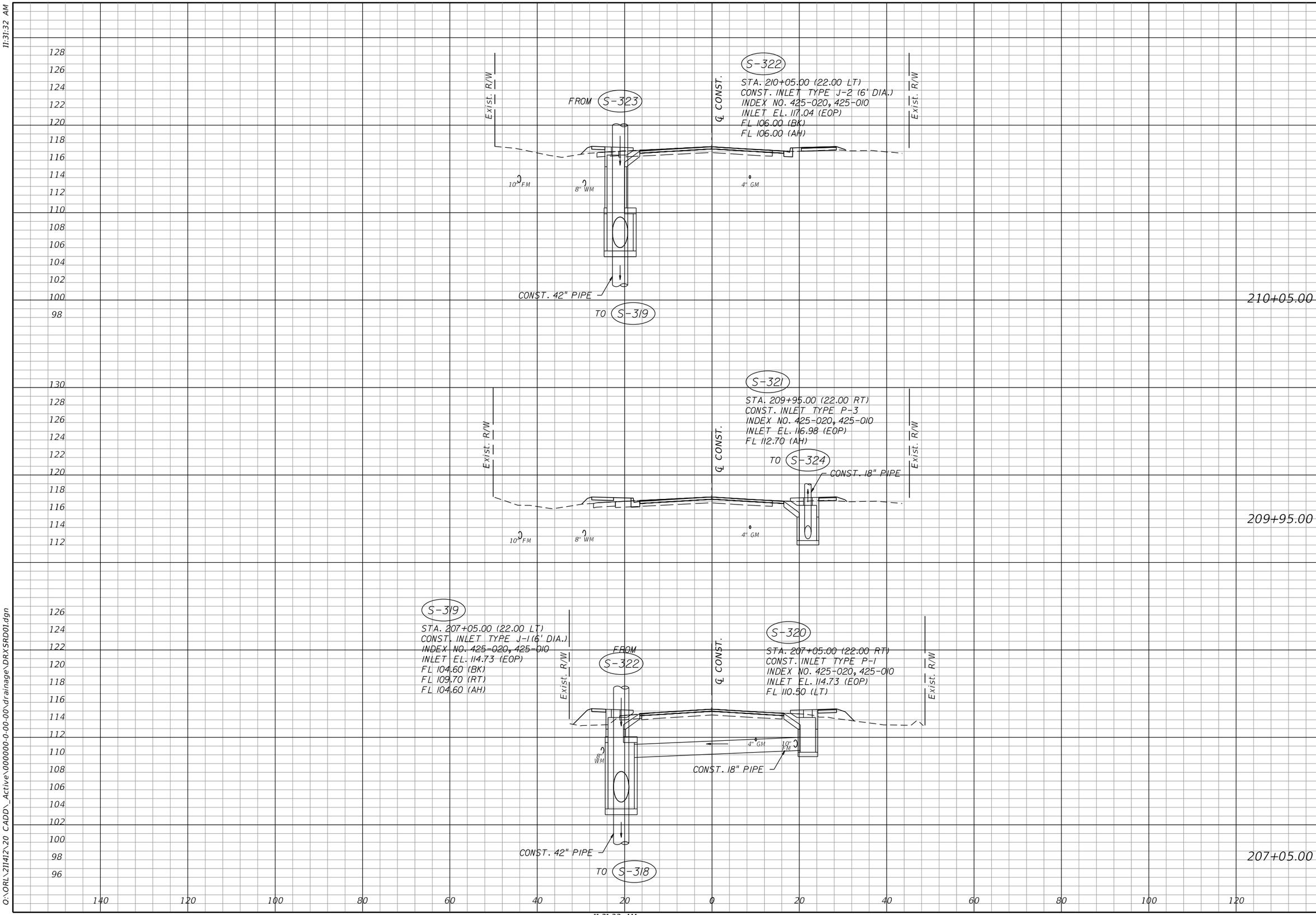

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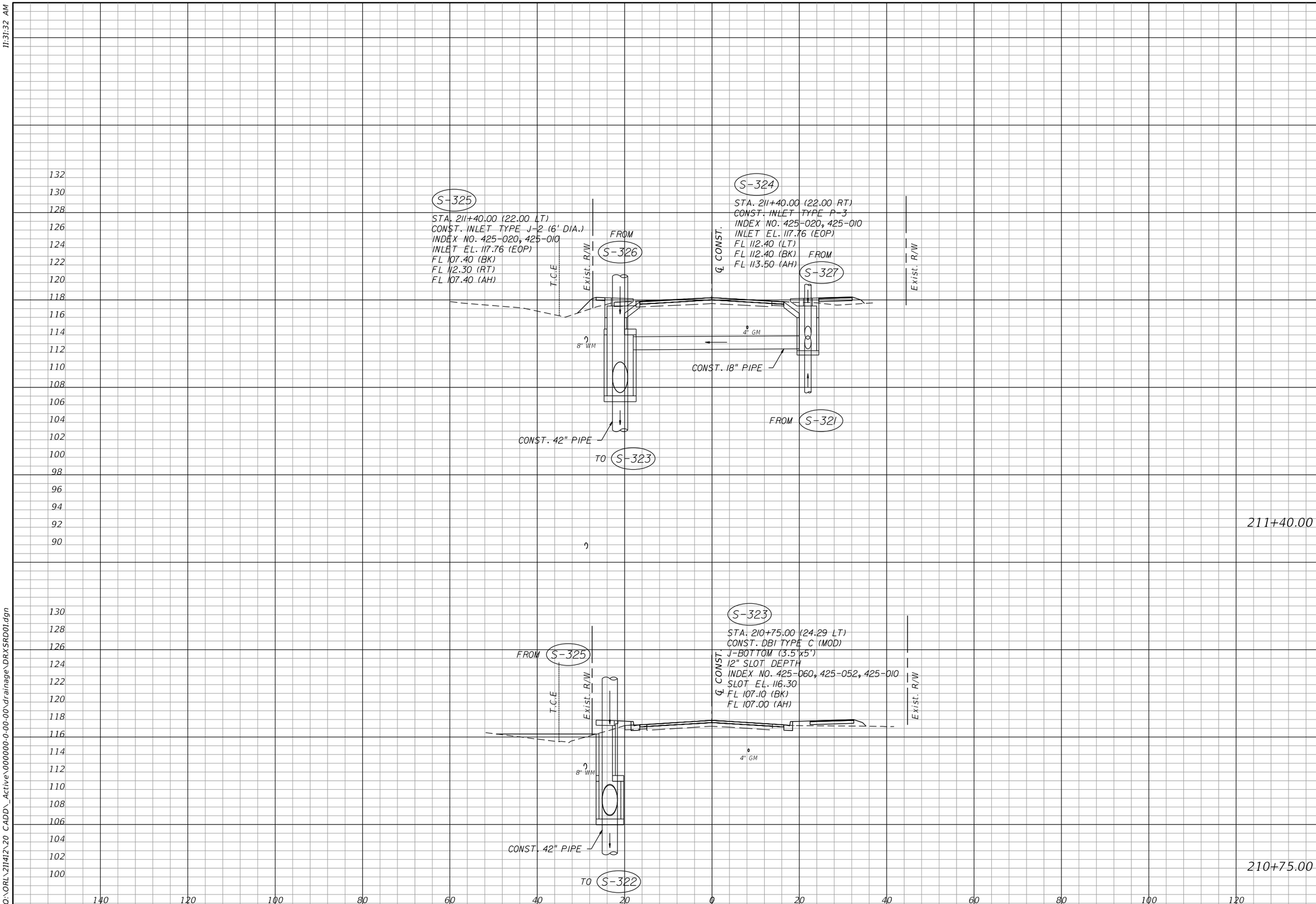

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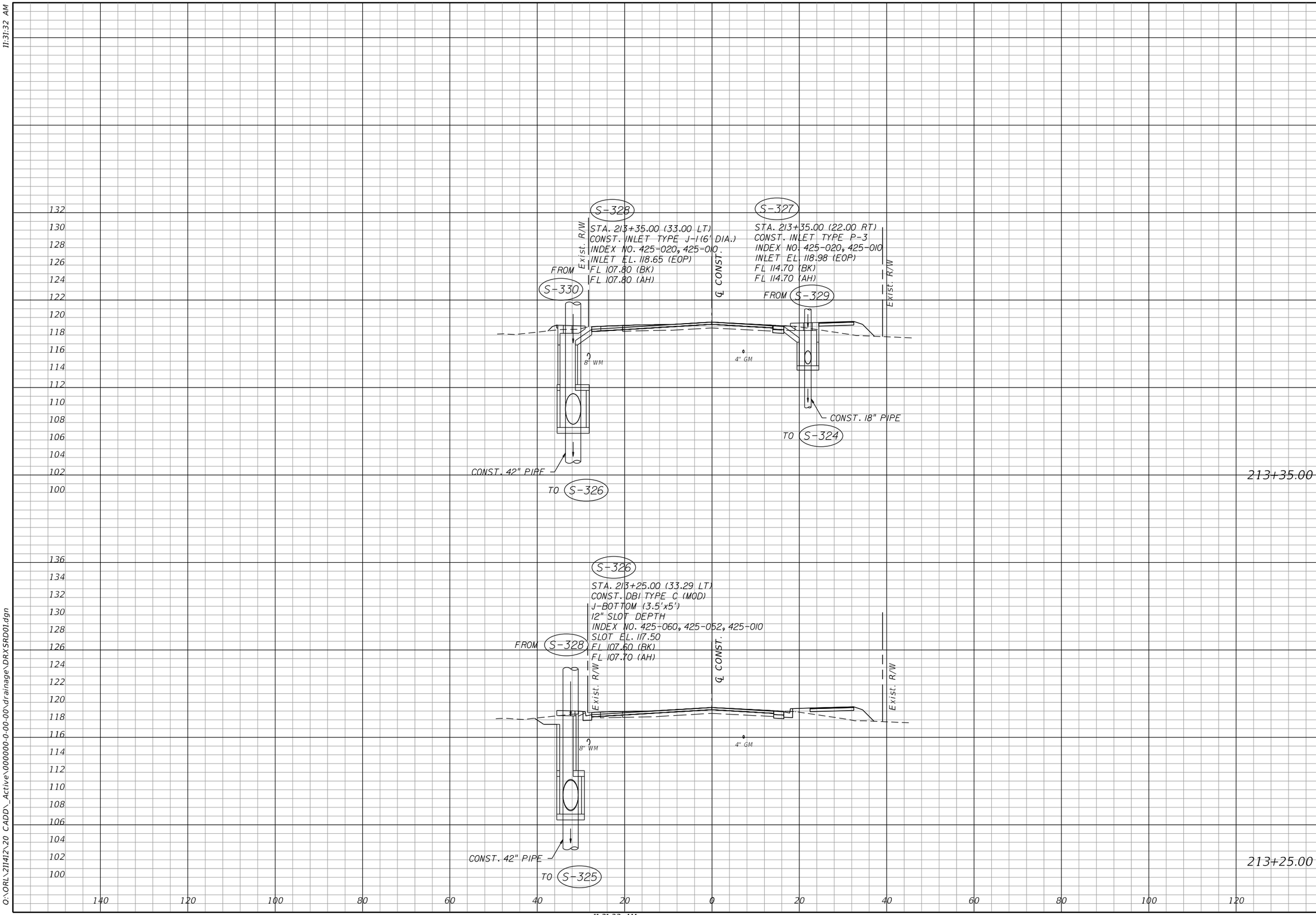

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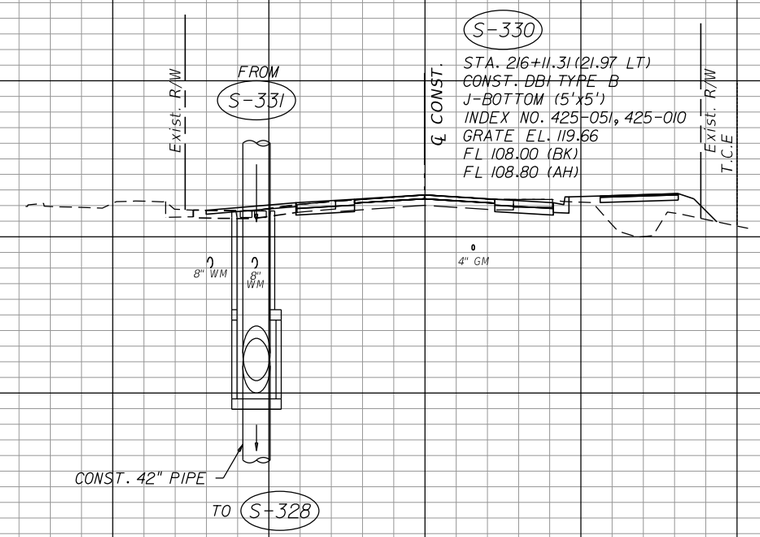

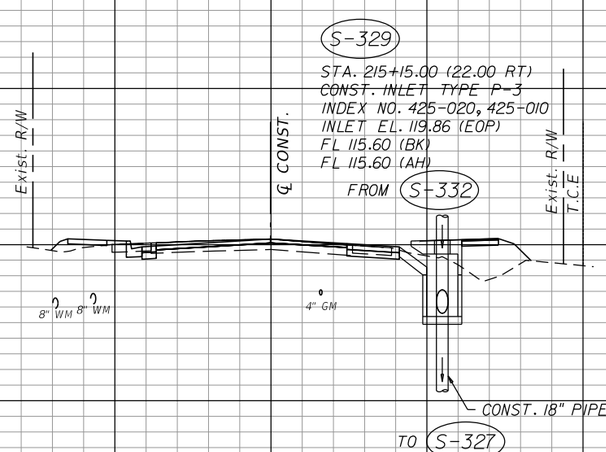

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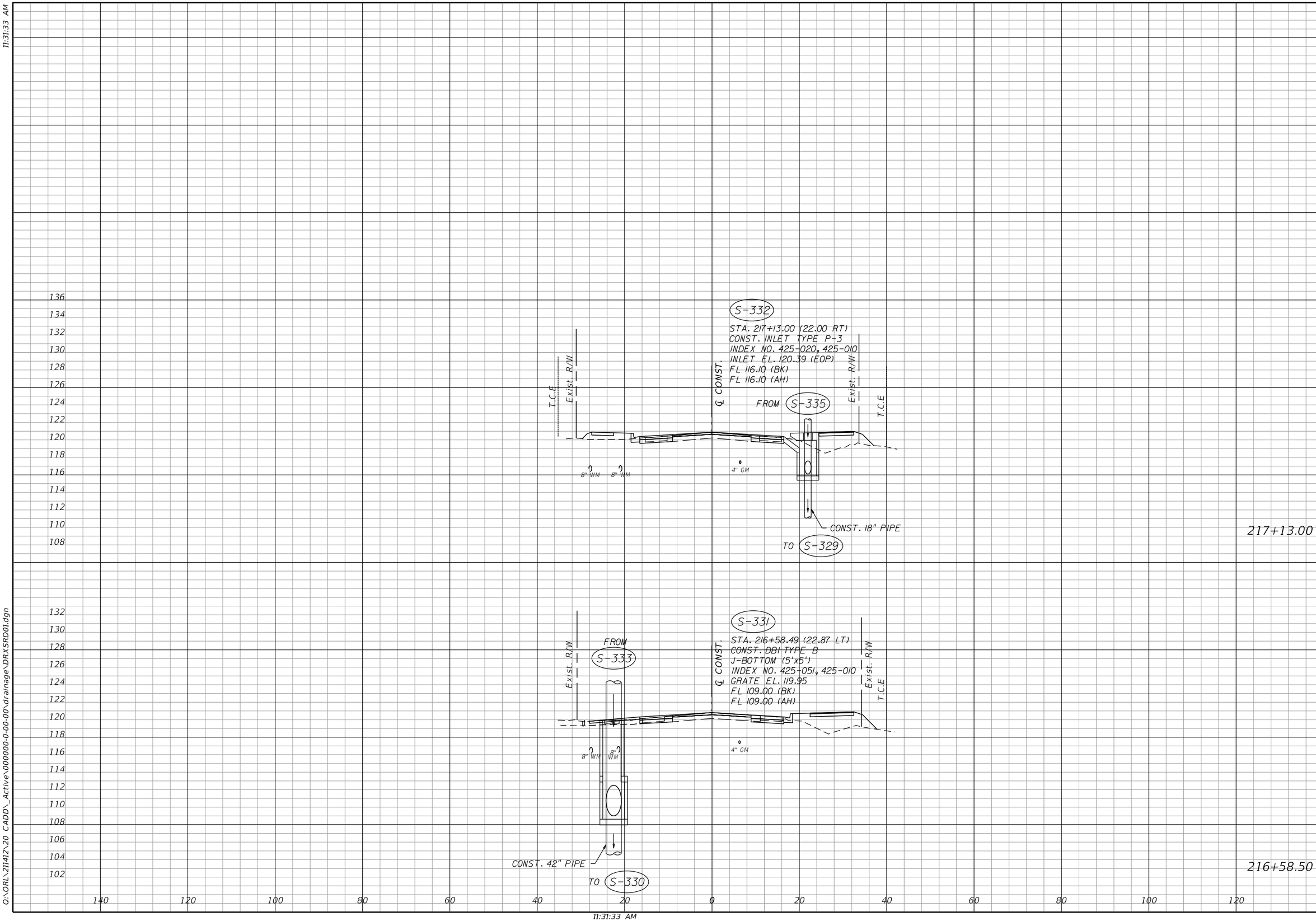

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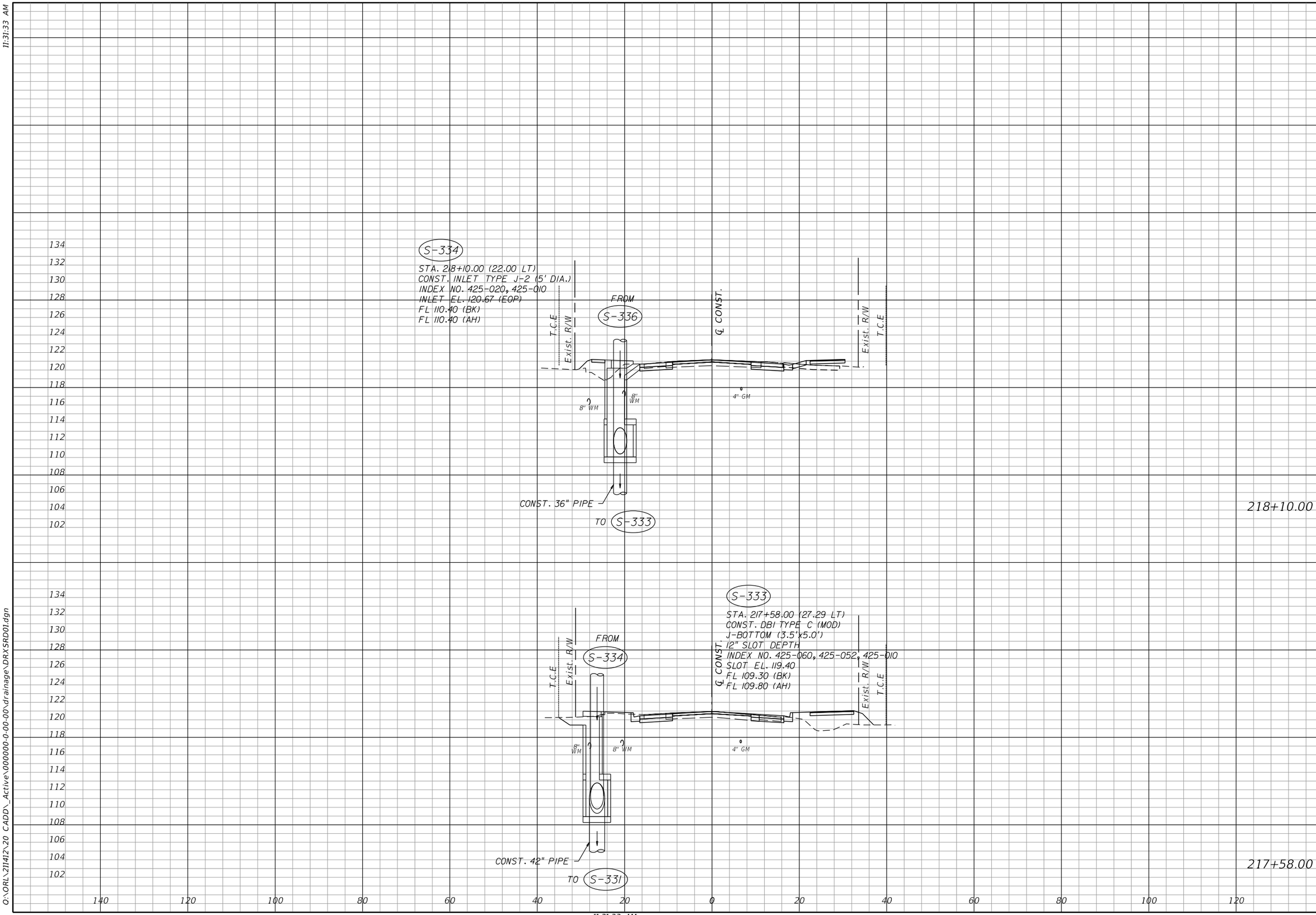

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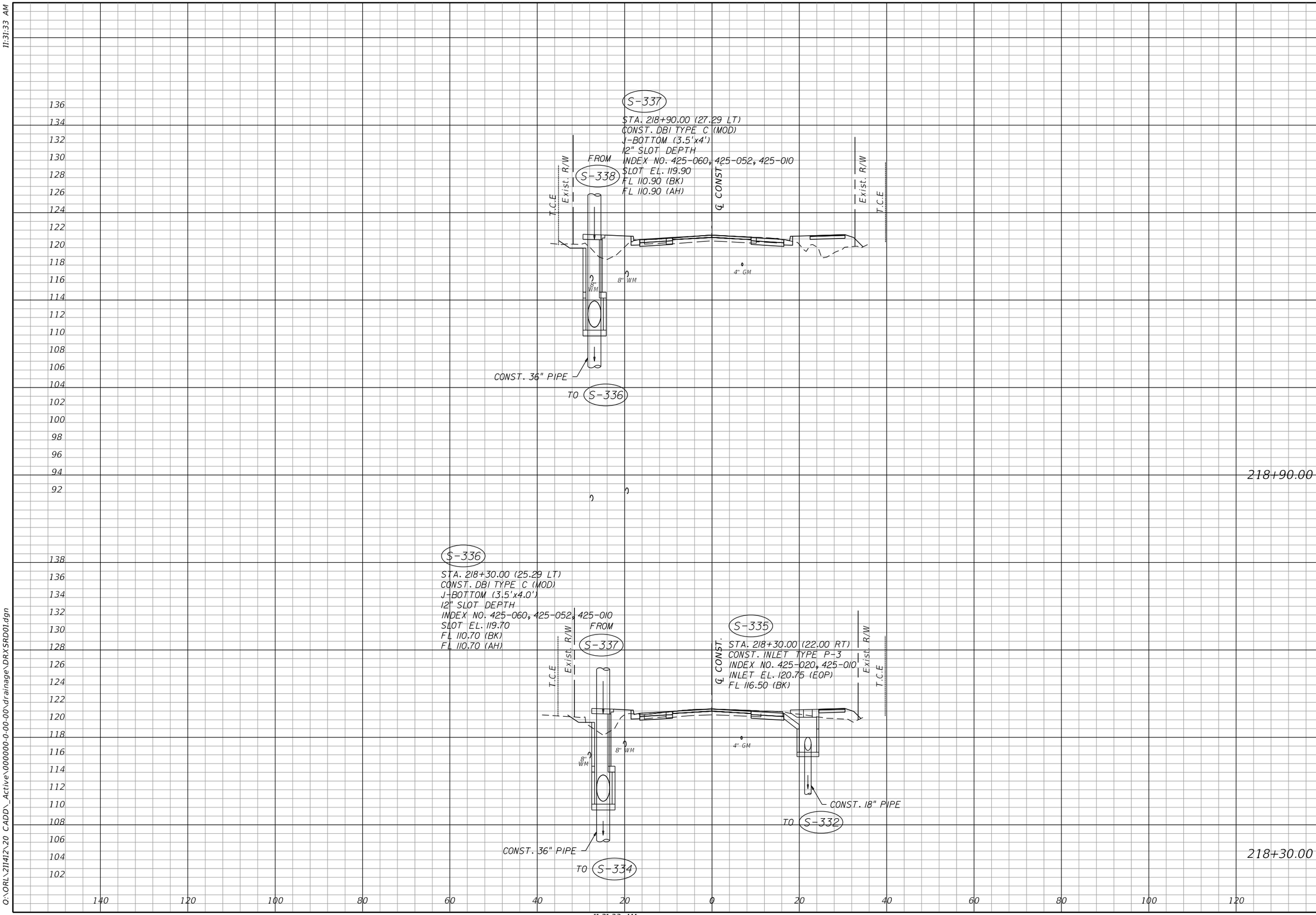

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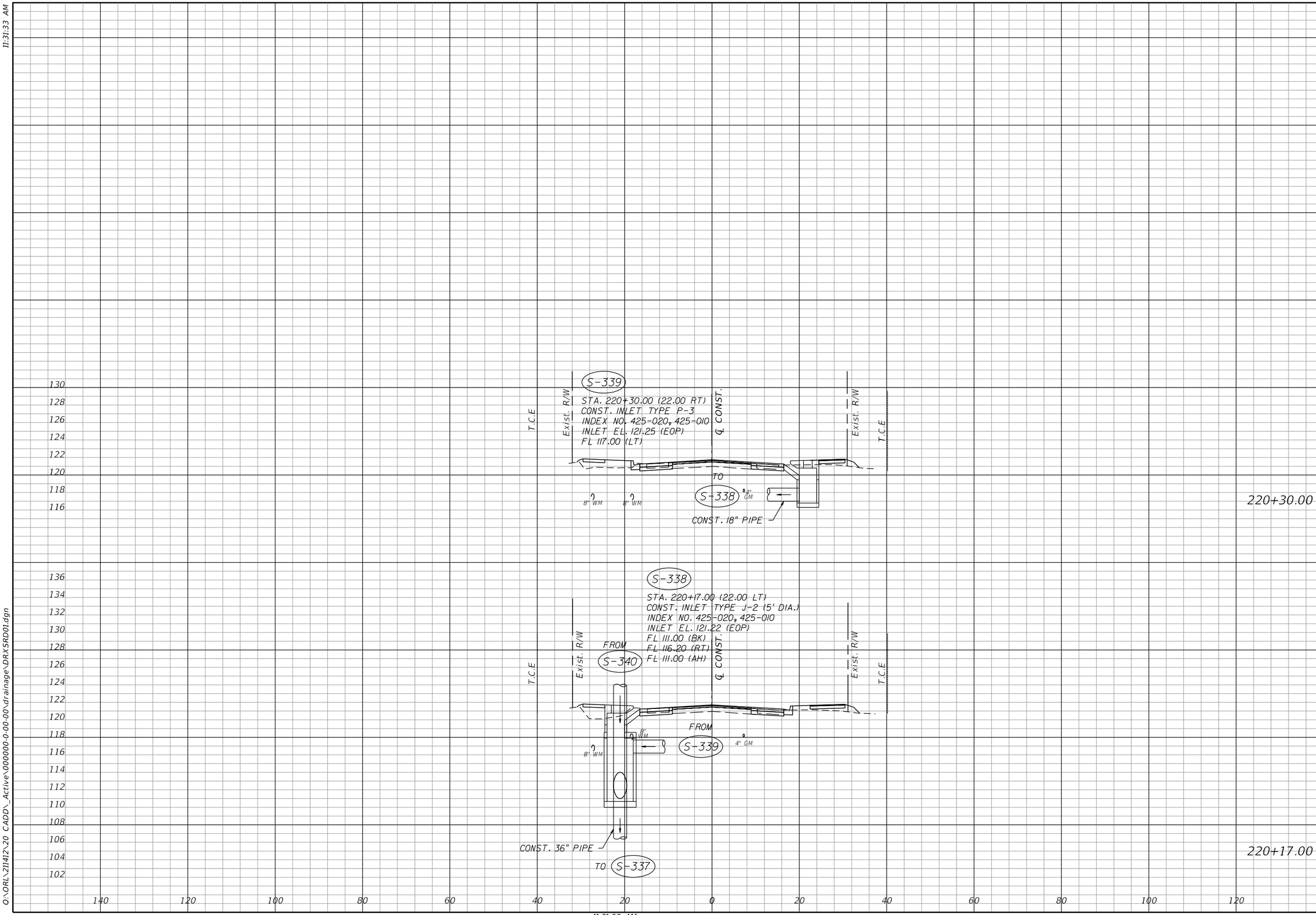

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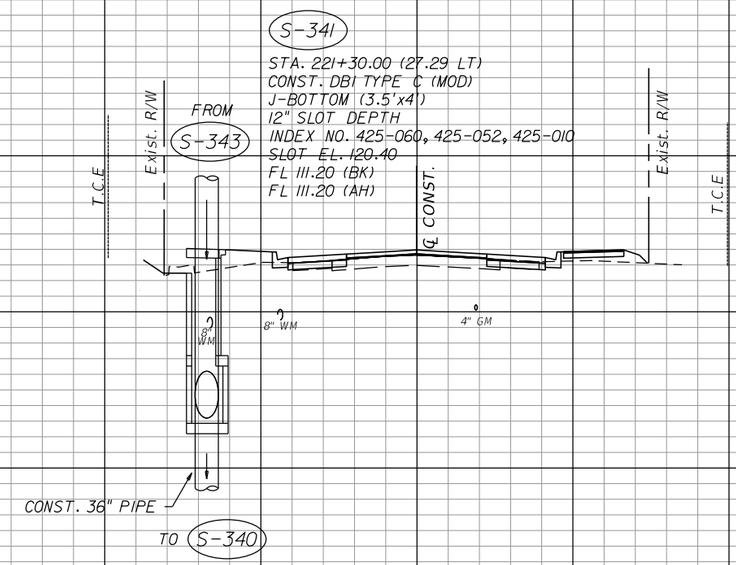

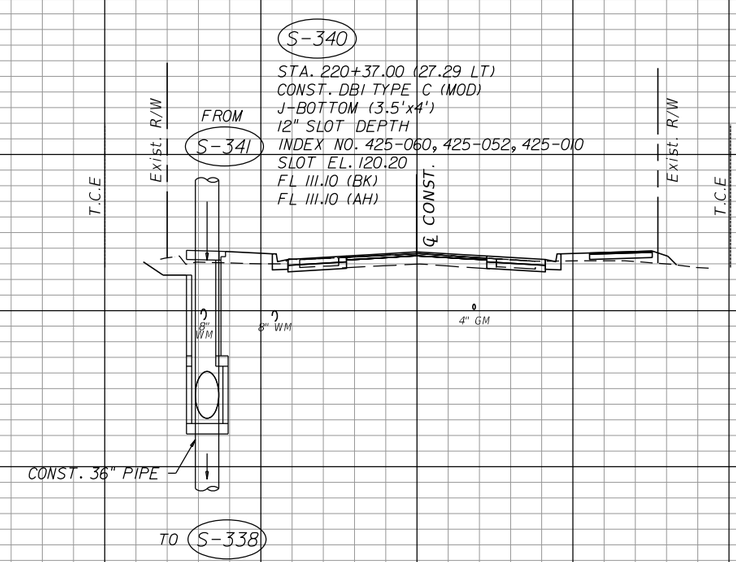

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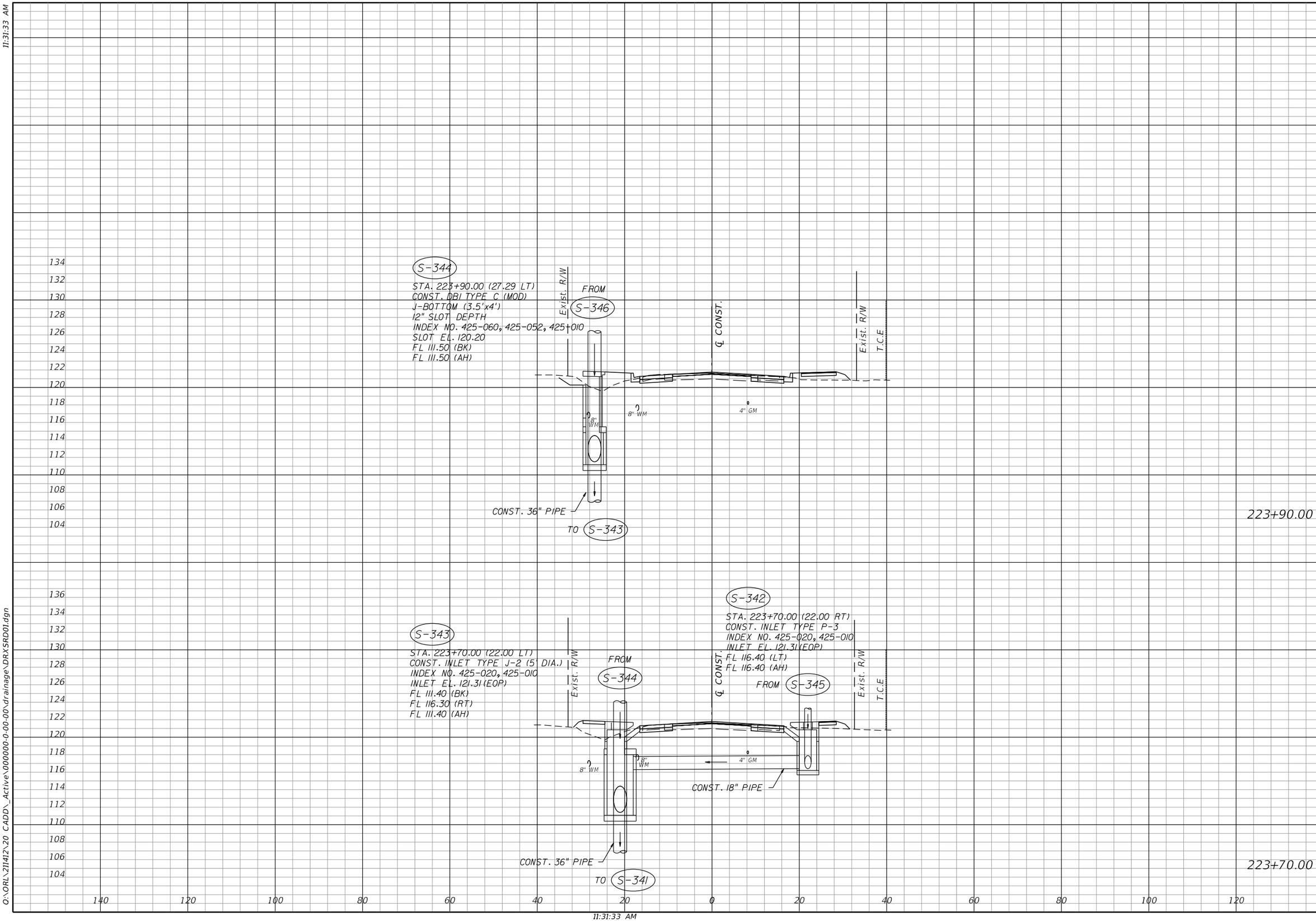

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

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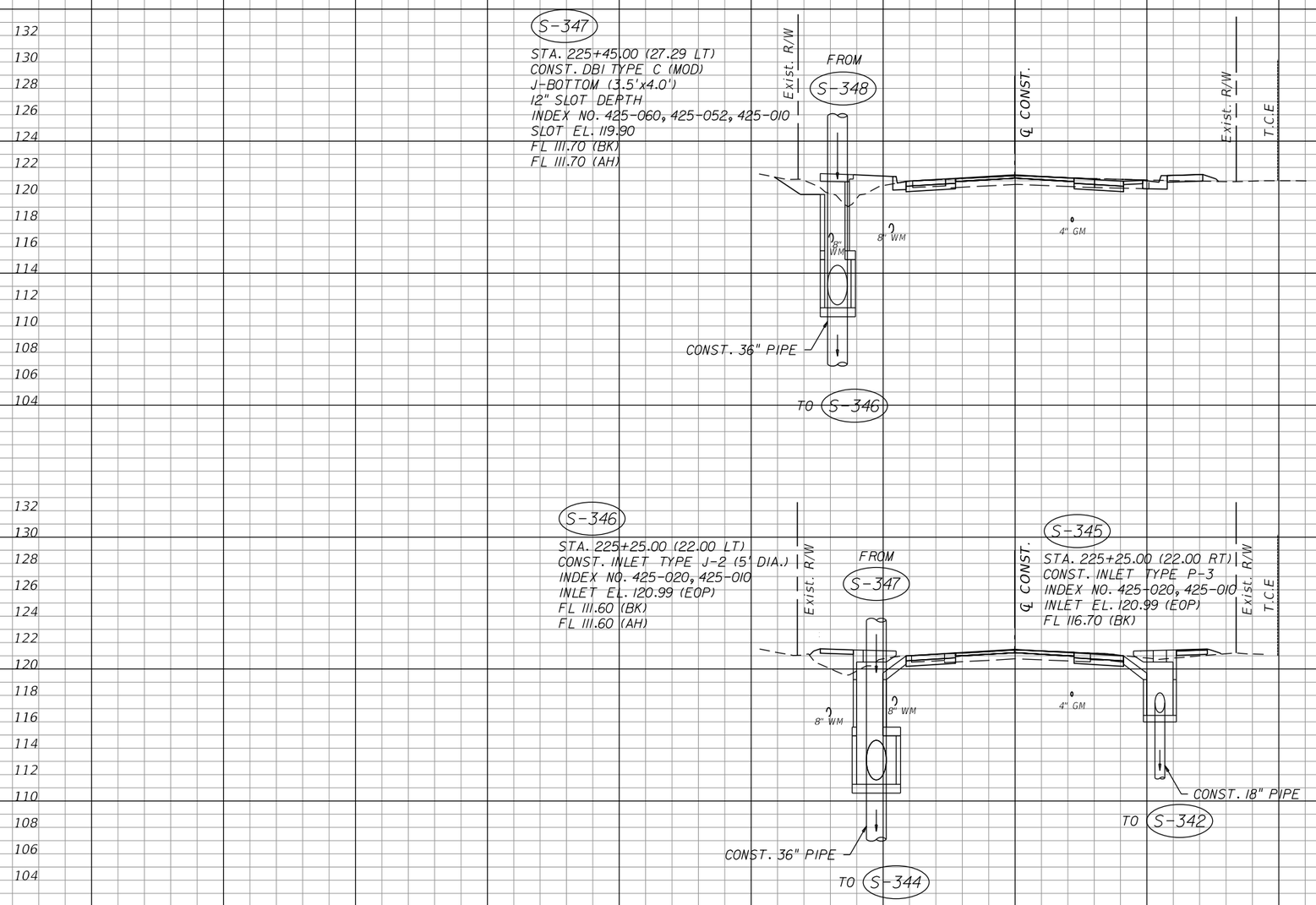

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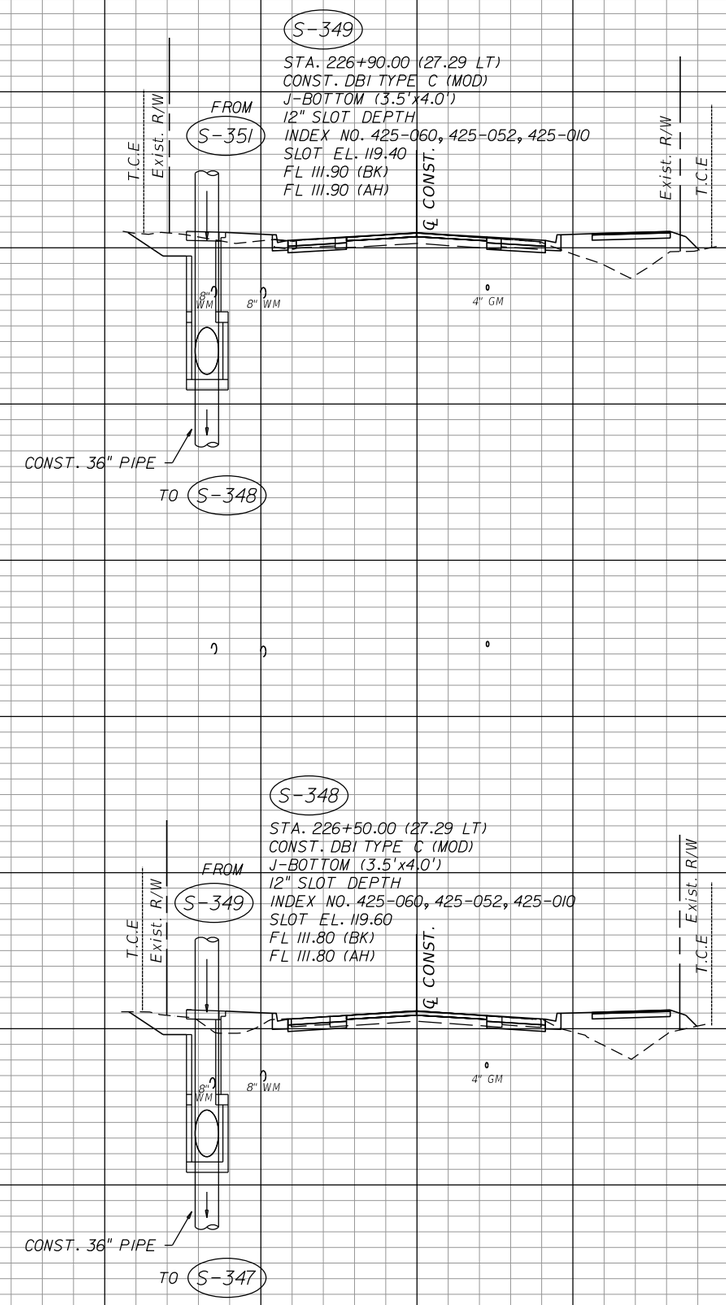

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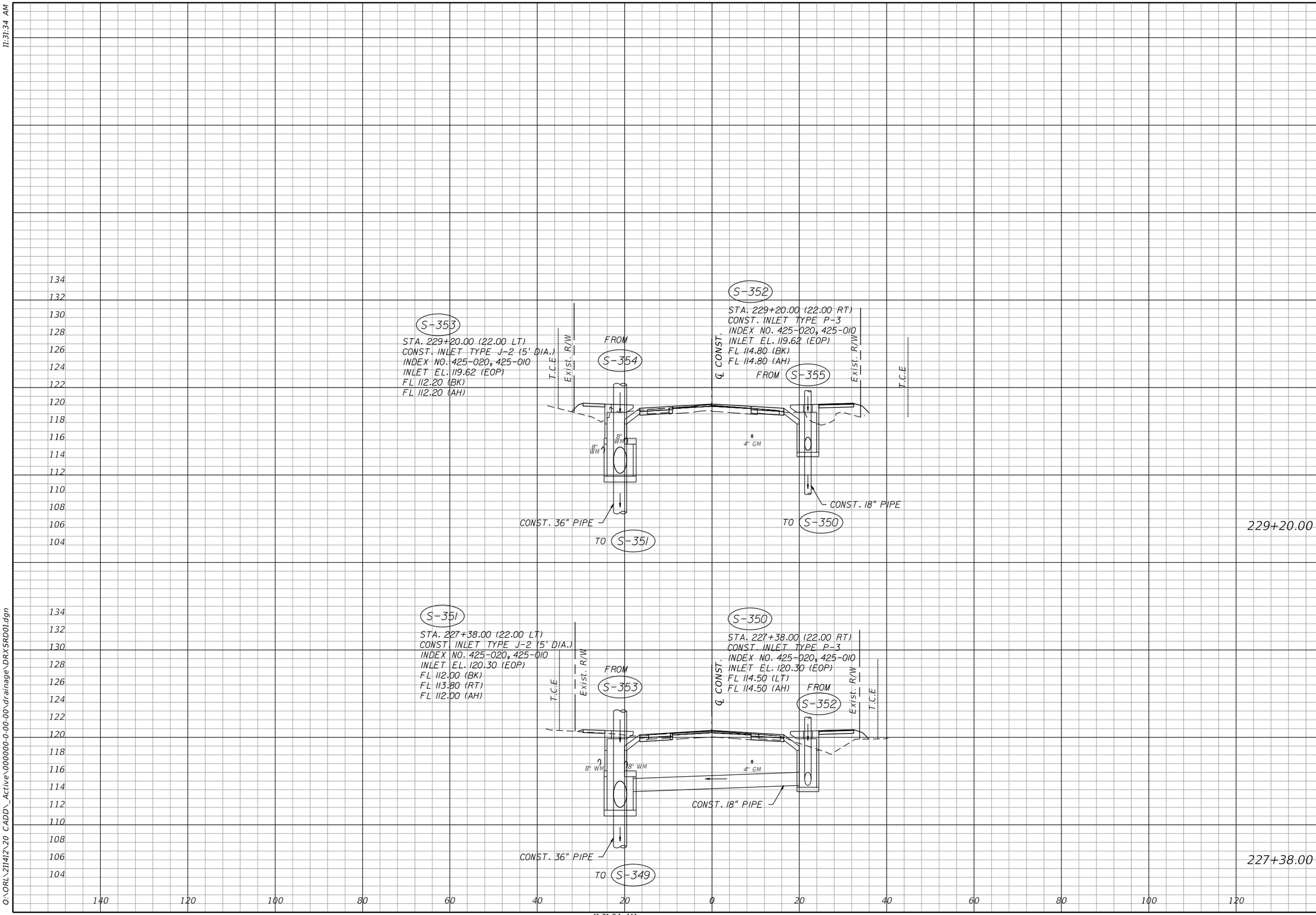

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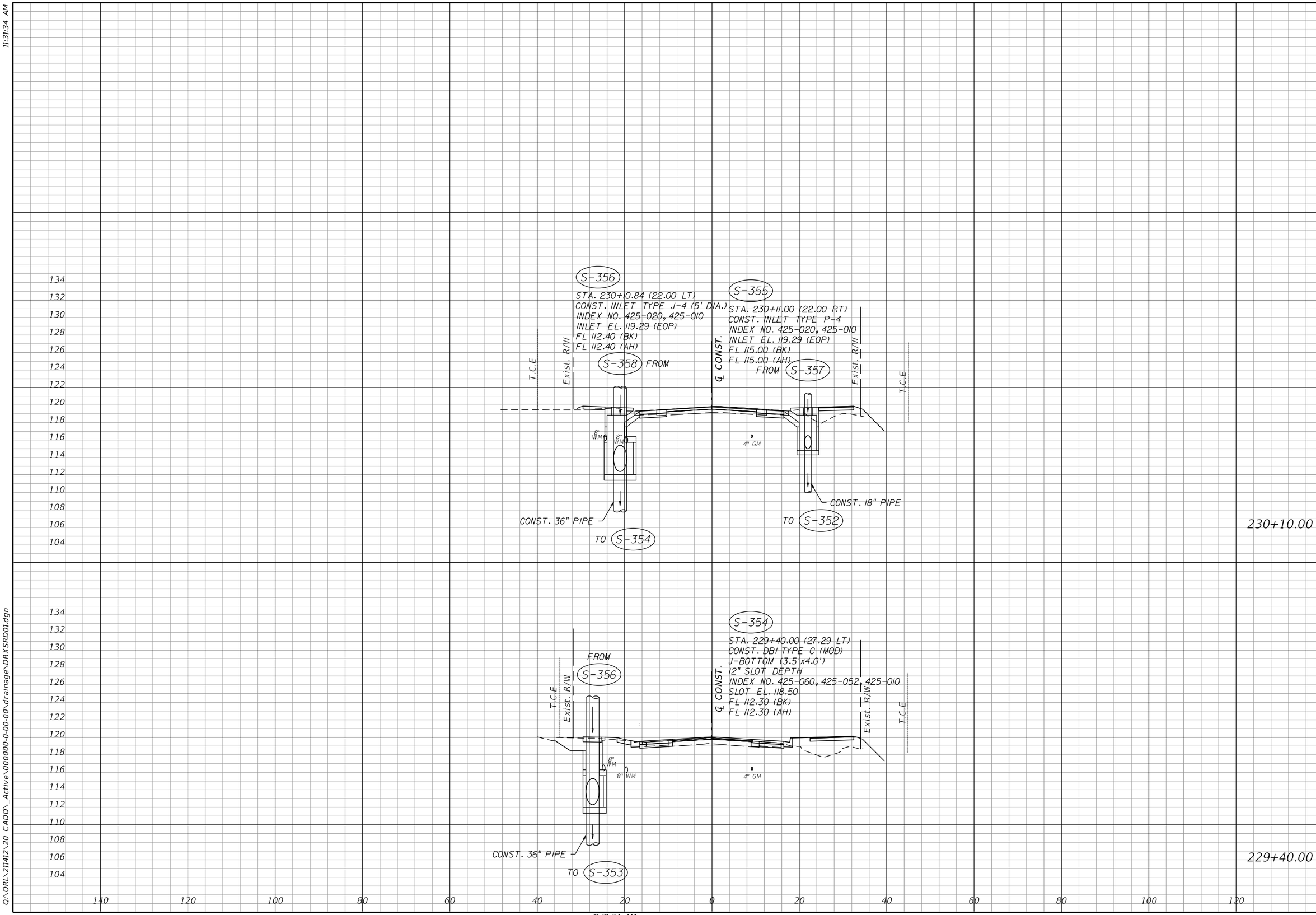

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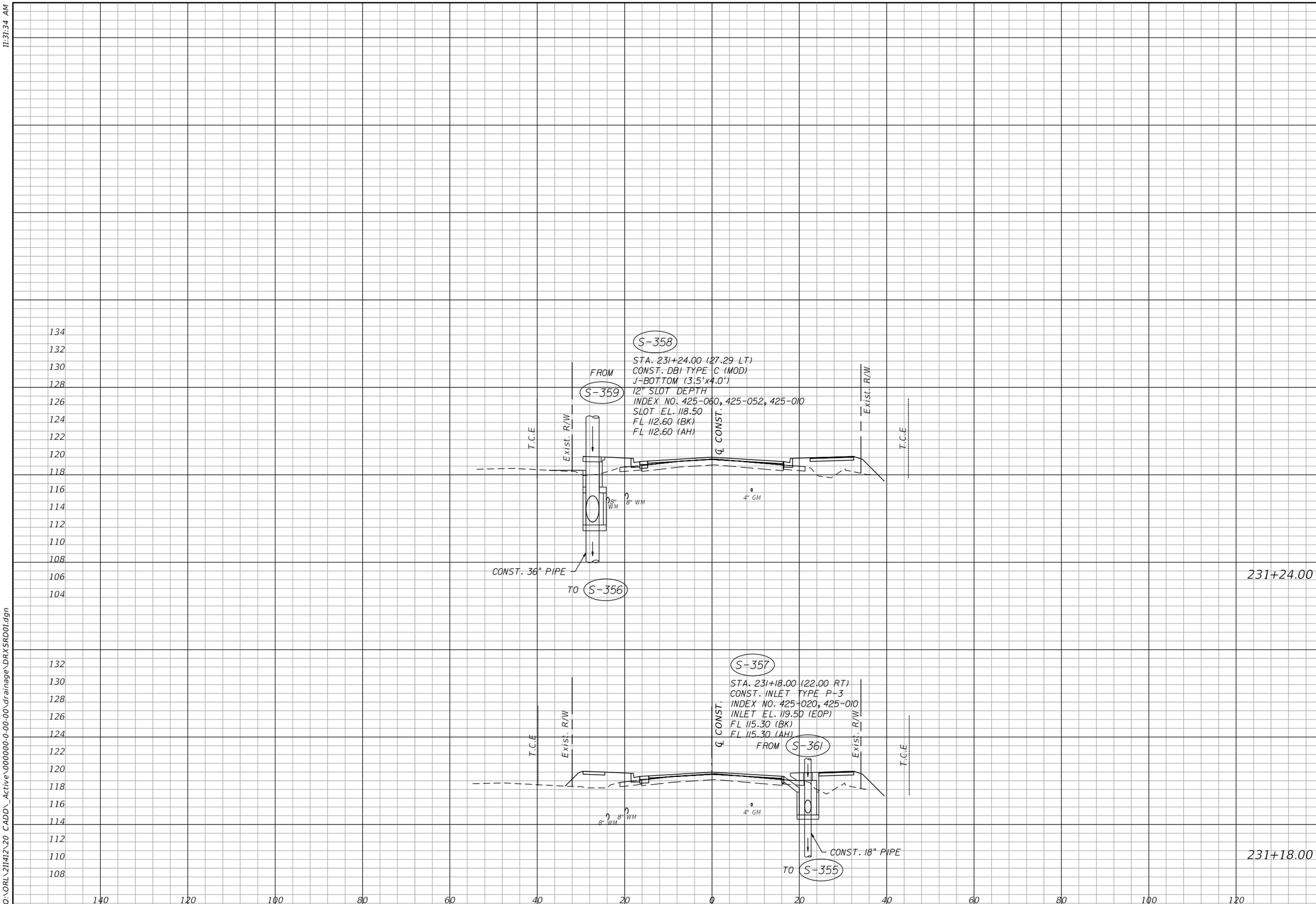

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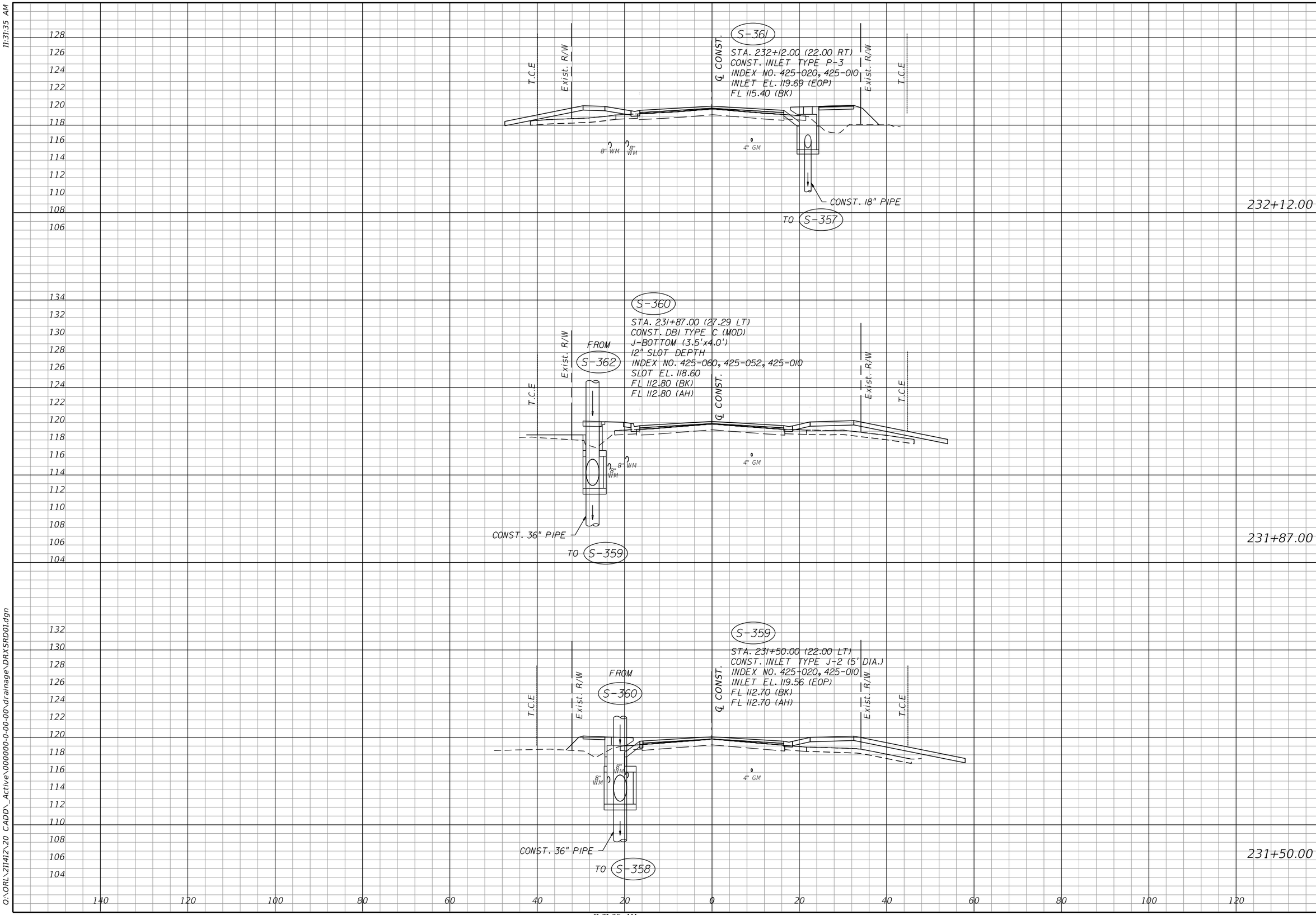

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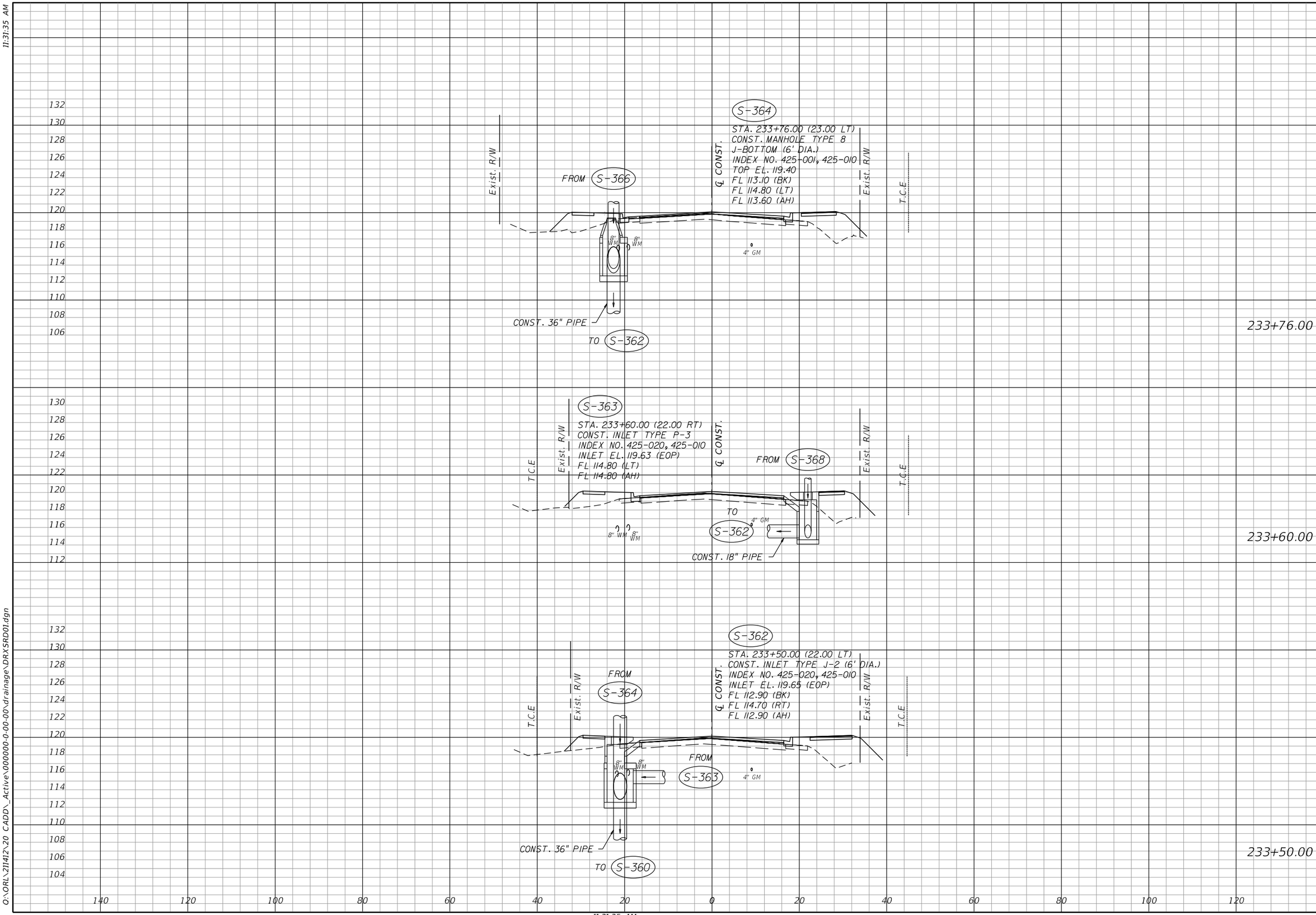

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

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: 5/11/2022	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

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 83

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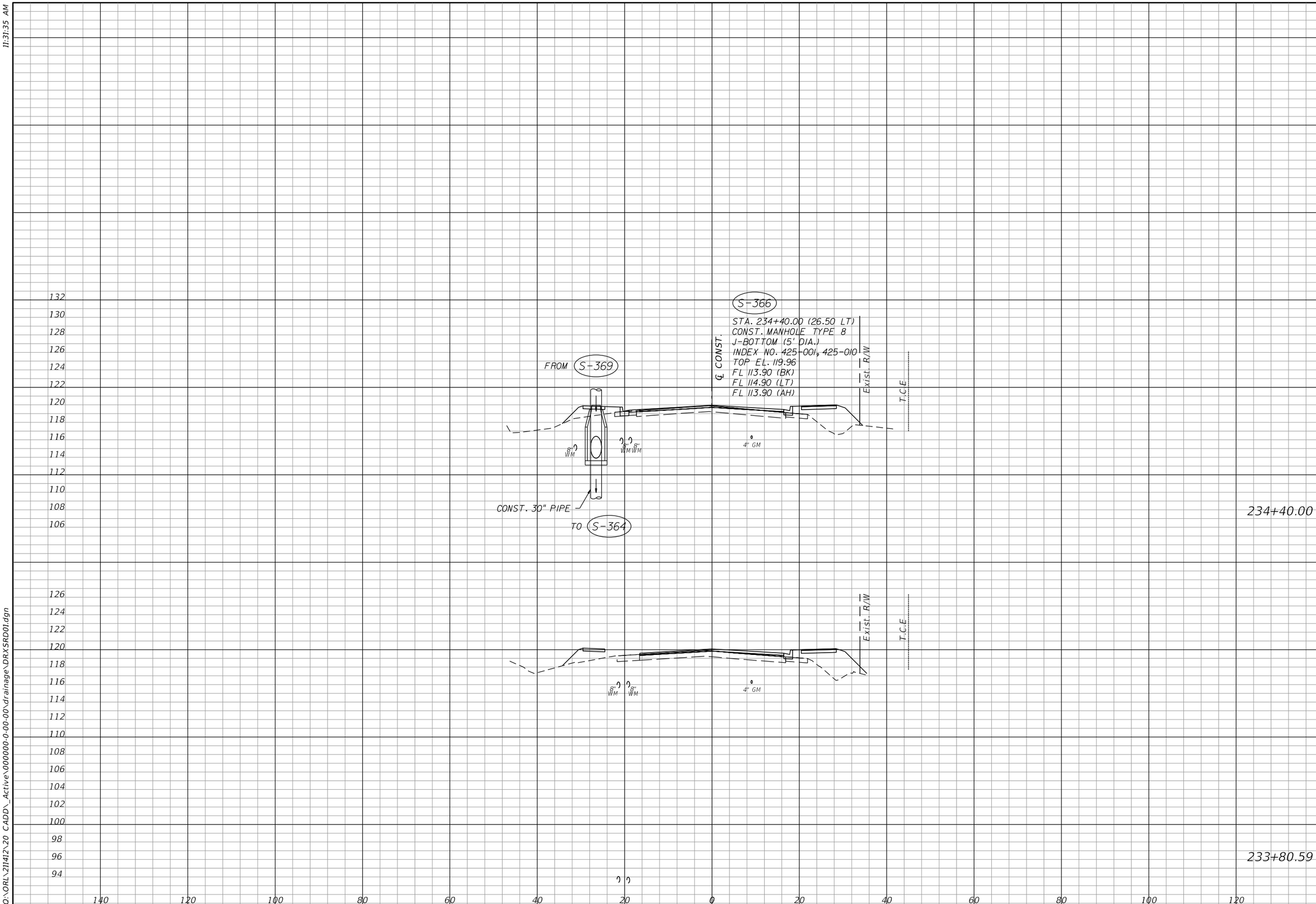

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

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		

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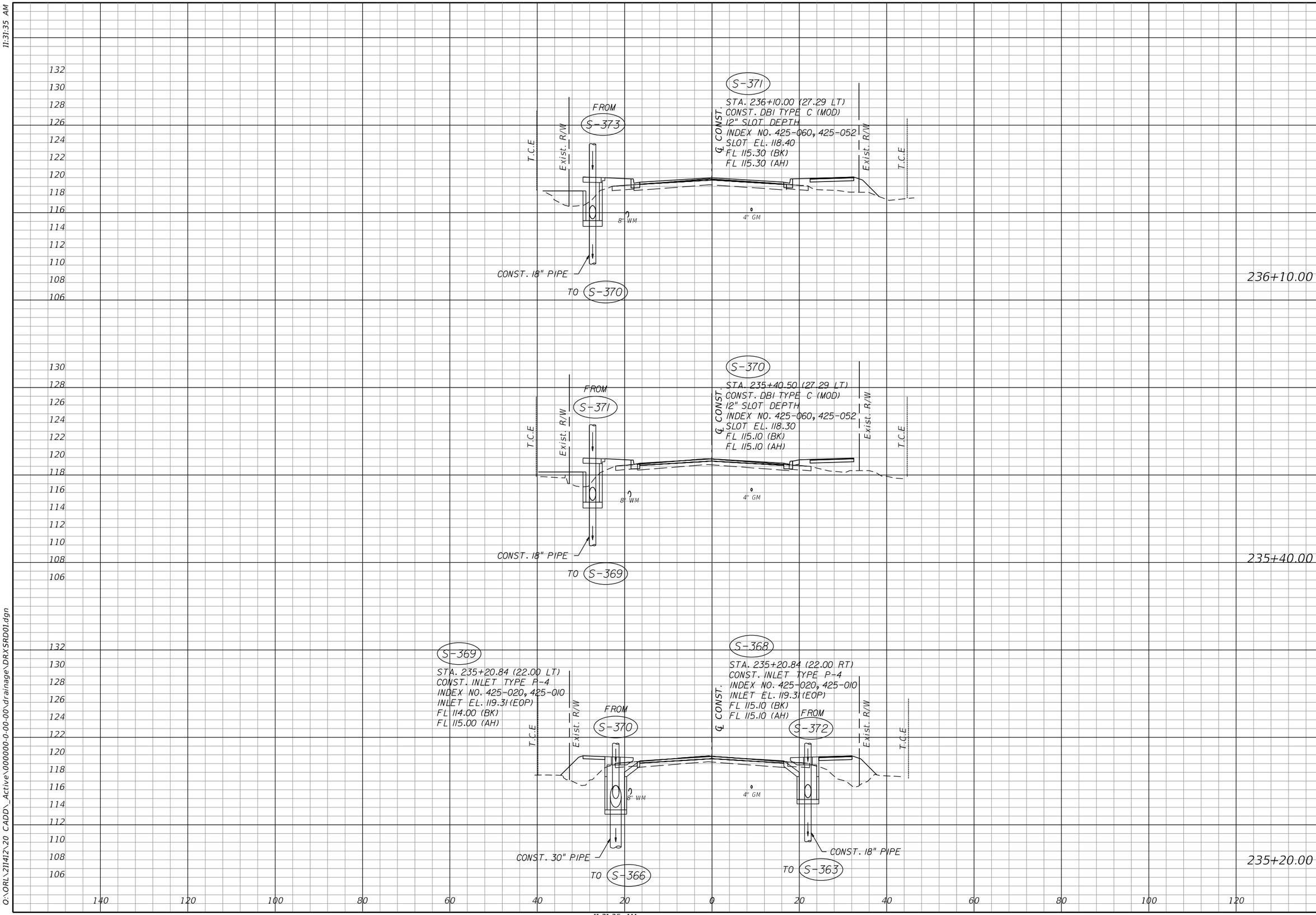

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

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NUMBER	REVISIONS	DATE	APPROVED BY

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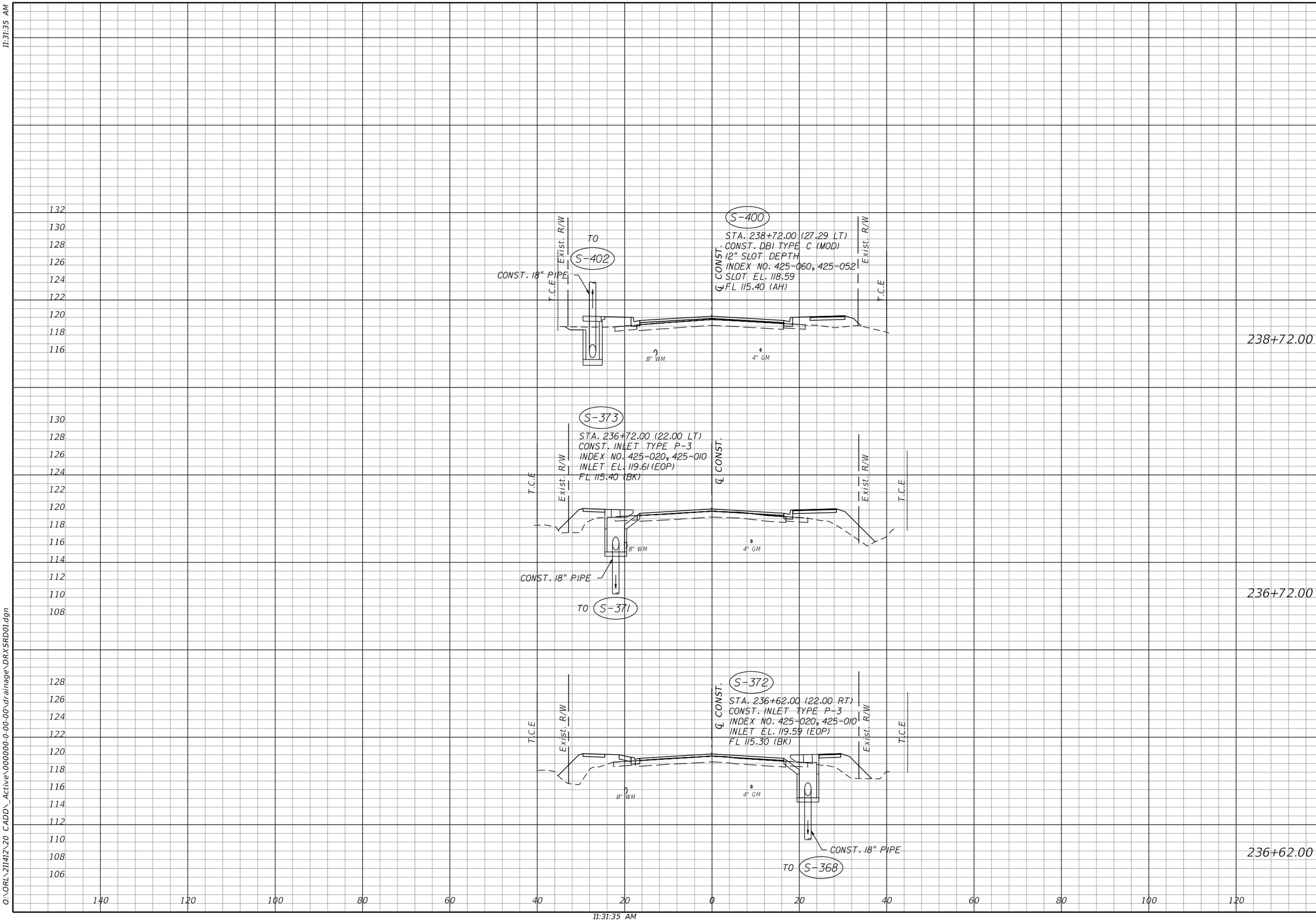

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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

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DATE: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 68328
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NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 86

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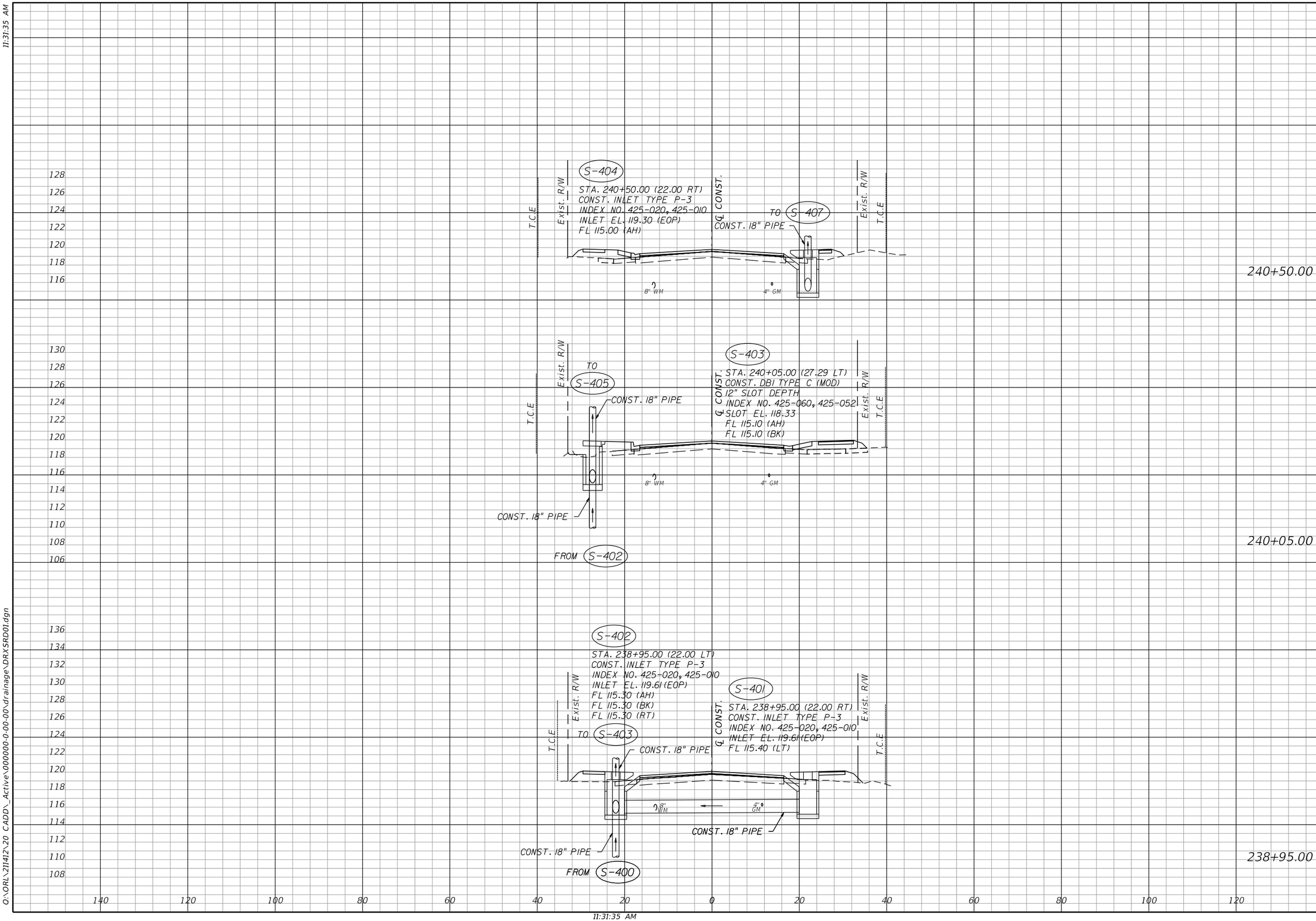

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

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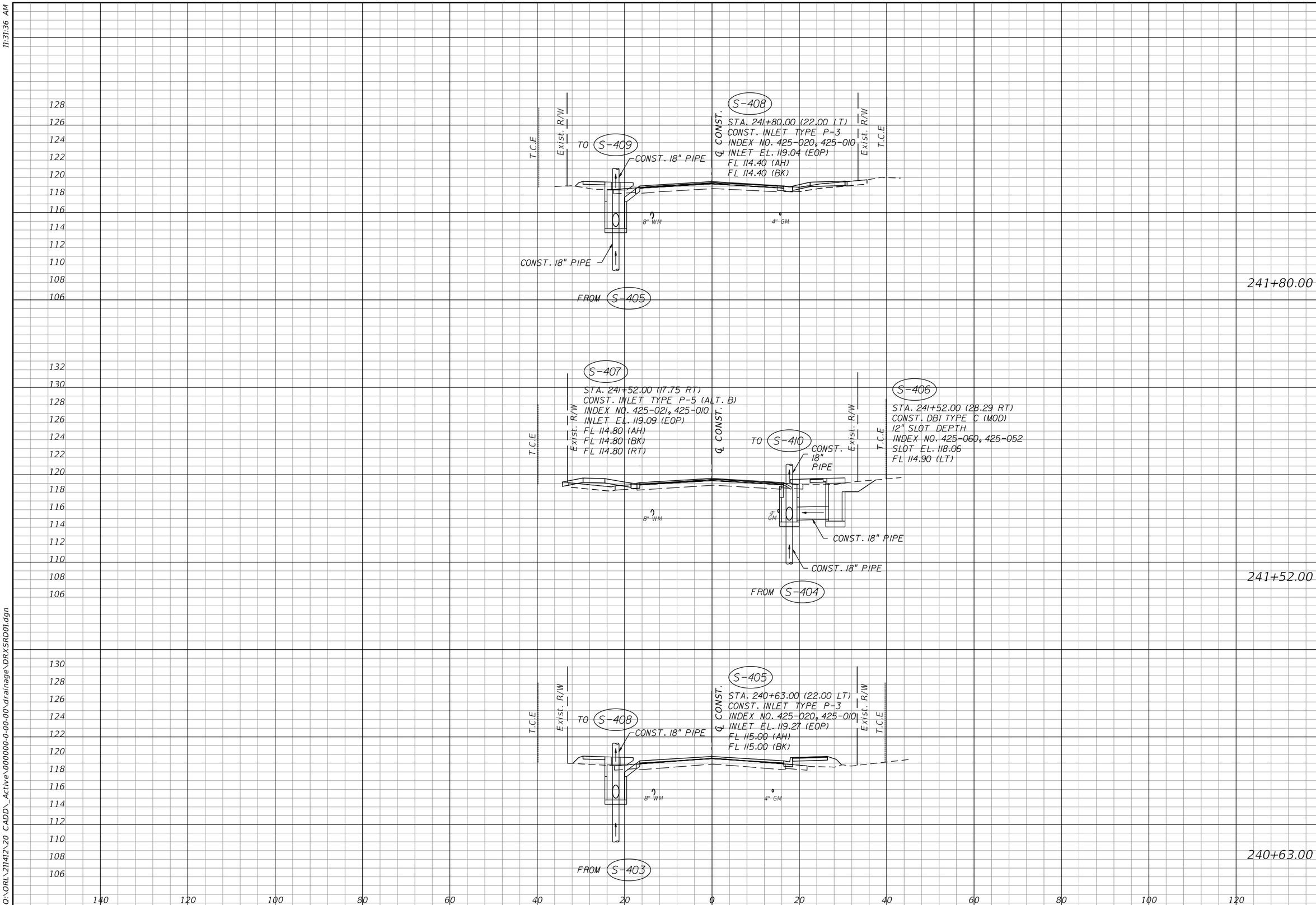

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY • FLORIDA

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: DDA

DESIGNED BY: AW

CHECKED BY: JH

DATE: 5/11/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

FIELD BOOK: PAGES:

SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

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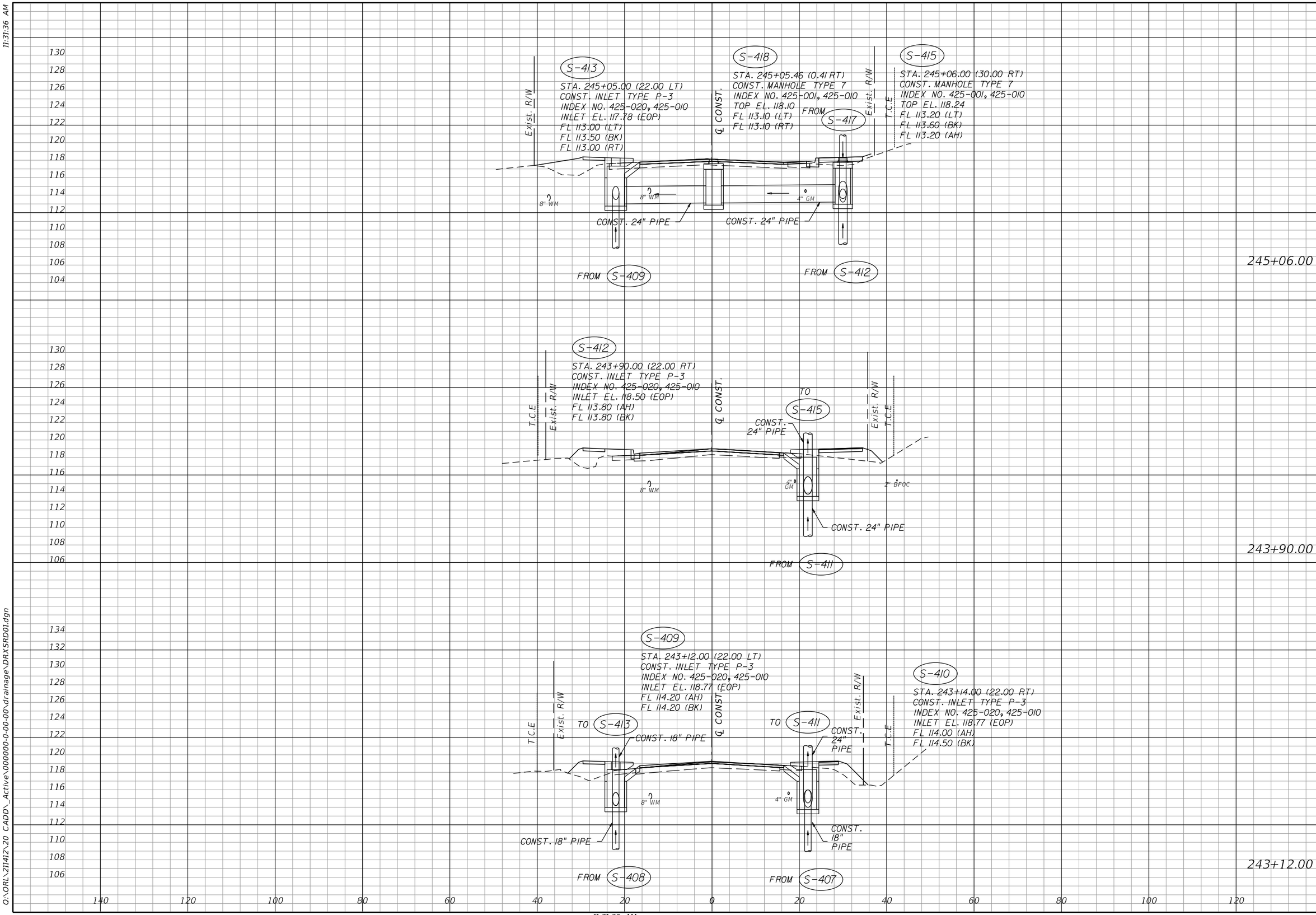

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

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

DRAWN BY: DDA
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DATE: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK: PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

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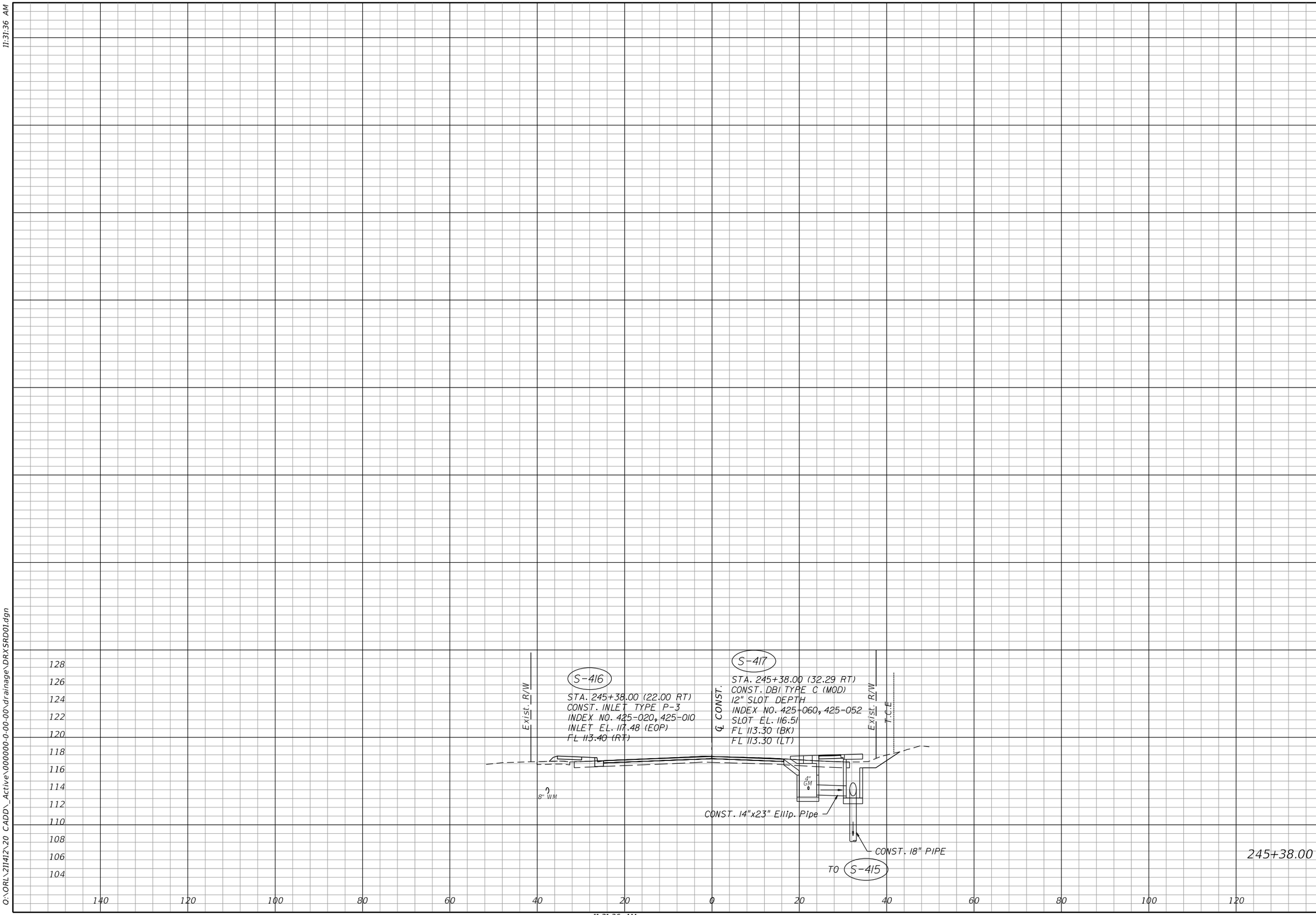

OLIVE ROAD STREET IMPROVEMENT PROJECT

DRAINAGE STRUCTURES

ESCAMBIA COUNTY, FLORIDA

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

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DATE: 5/11/2022	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

NUMBER	REVISIONS	DATE	APPROVED BY

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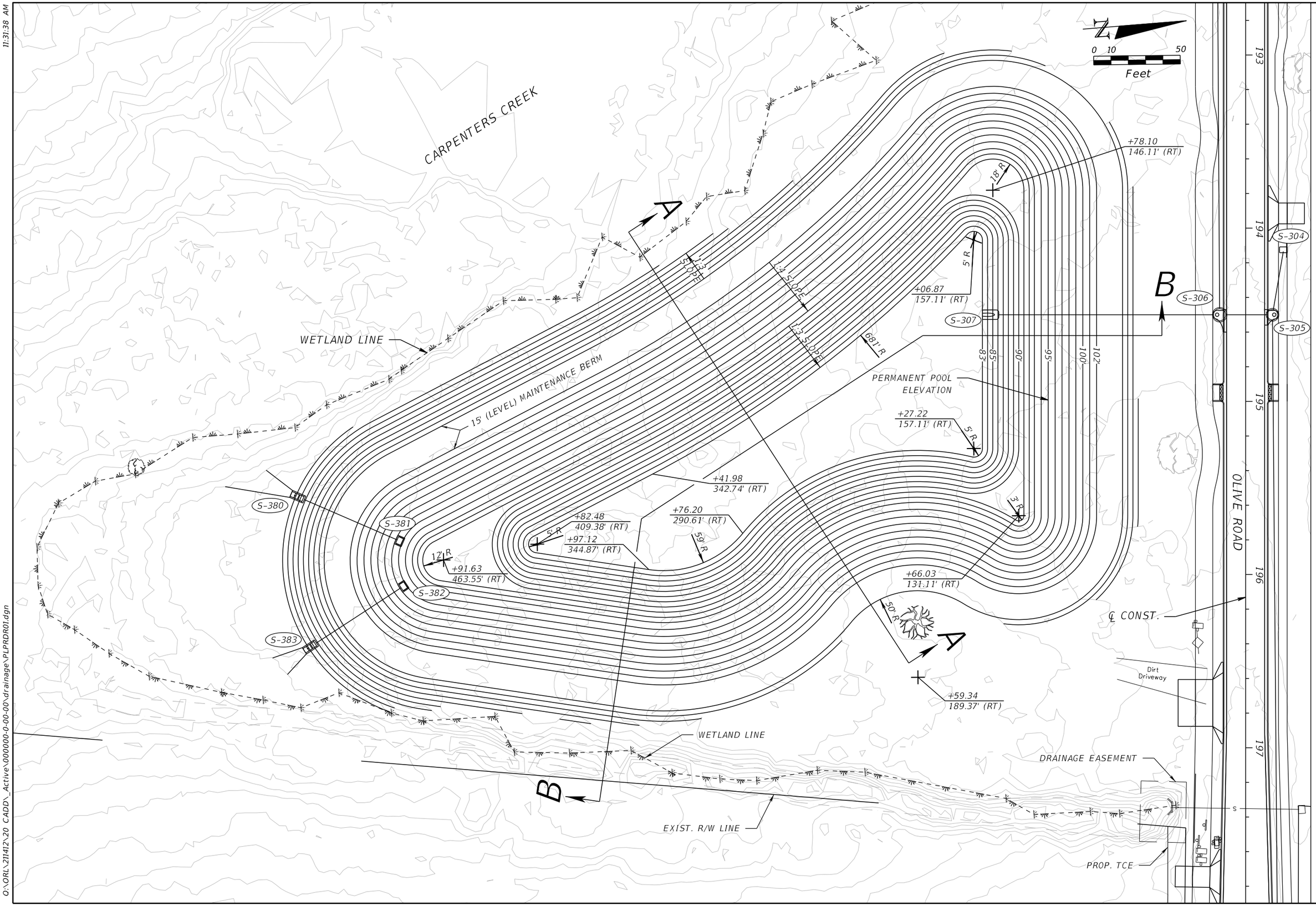

OLIVE ROAD STREET IMPROVEMENT PROJECT

STORMWATER POND

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: 5/17/2022	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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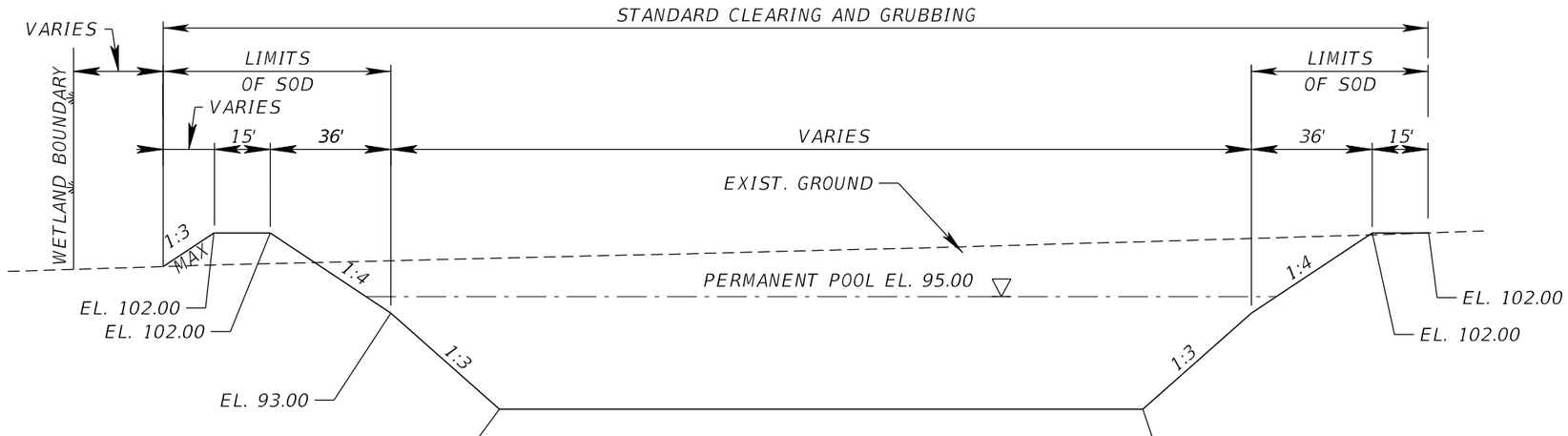

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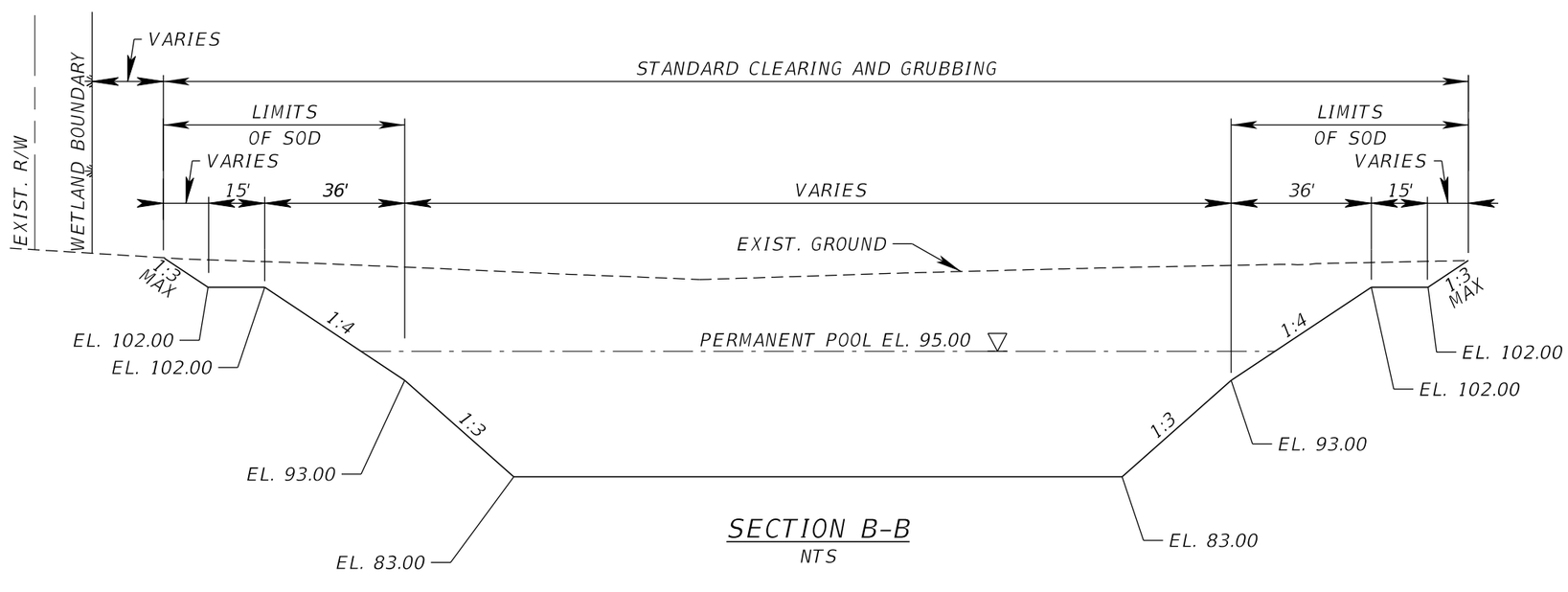
NTS



SECTION B-B
NTS

OLIVE ROAD STREET IMPROVEMENT PROJECT

POND TYPICAL SECTION

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 92

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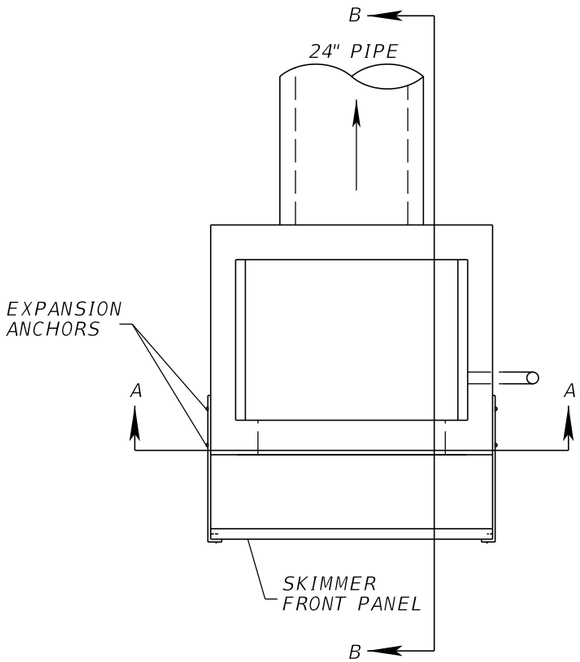
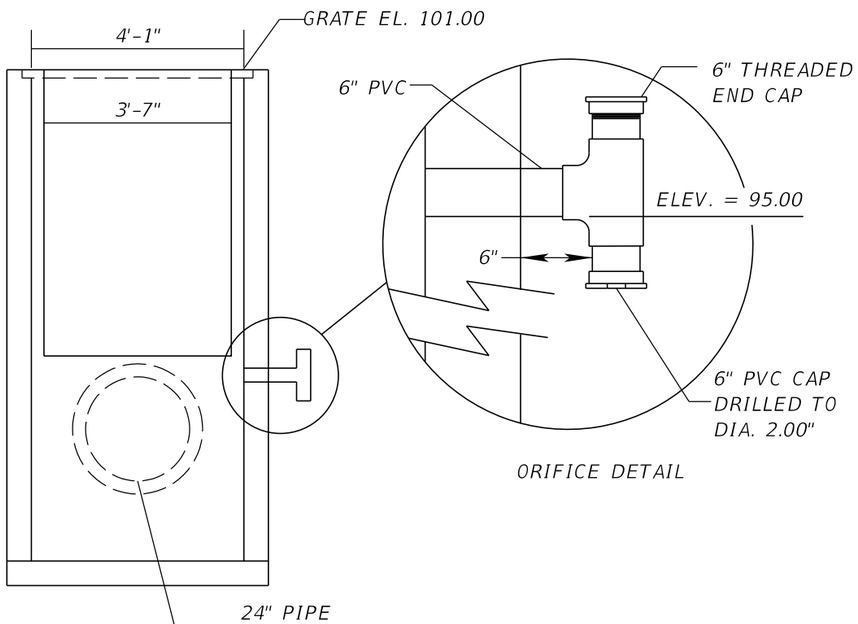
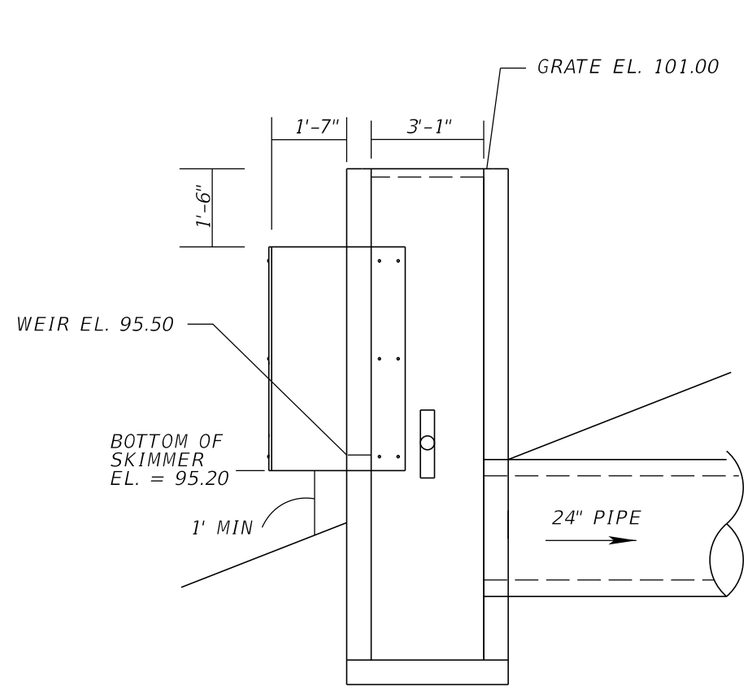
POND 1 OUTFALL STRUCTURE DETAIL
S-381 (STA. 195+80.82 OFFSET 488.98' RT)
S-382 (STA. 196+06.79 OFFSET 486.80' RT)

DBI TYPE D (MOD.)
NTS





SECTION A-A



SECTION B-B

OLIVE ROAD STREET IMPROVEMENT PROJECT

POND DRAINAGE DETAILS

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: 5/17/2022	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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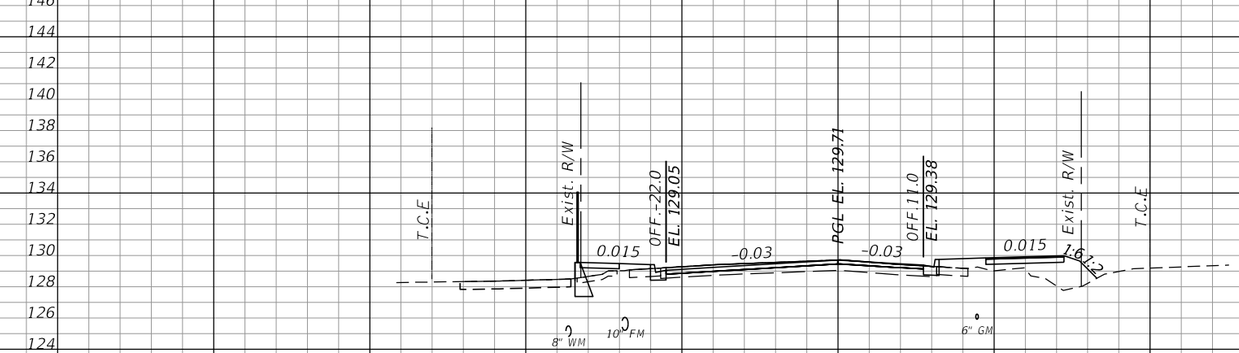
Regular Exc.		Embankment	
A	V	A	V



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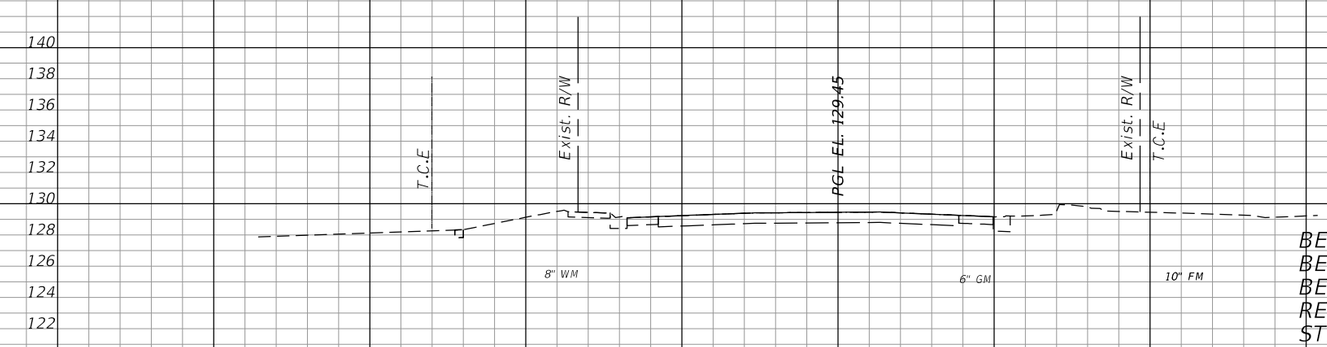
STA. 131+21.67

BEGIN GRAVITY WALL (LT)
STA. 130+55.00

131+00.00



BEGIN PROJECT
BEGIN CONSTRUCTION
BEGIN MILLING AND
RESURFACING
STA. 130+16.45

130+50.00

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

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: 5/11/2022	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

NUMBER	REVISIONS	DATE	APPROVED BY

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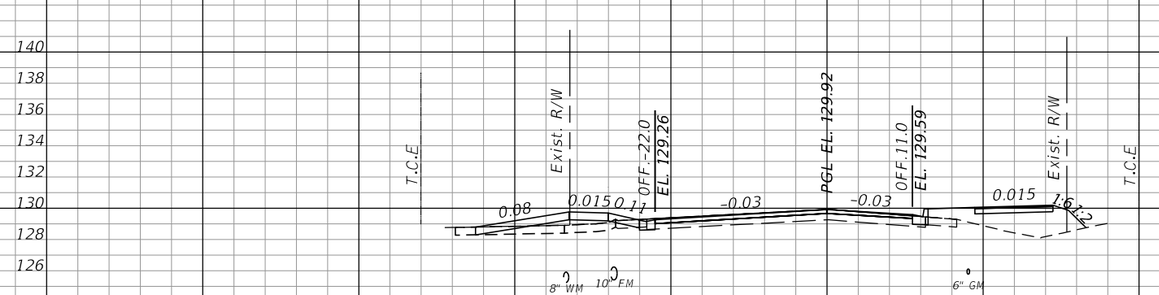
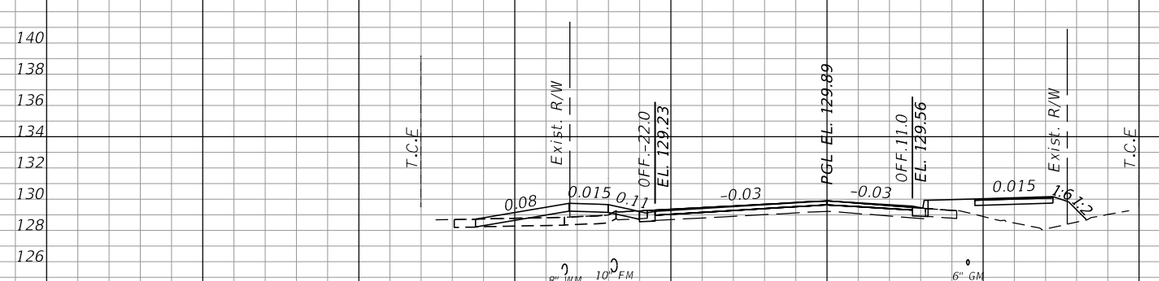
A	V	A	V

132+00.00



131+59.13



131+50.00

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

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 5 & 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

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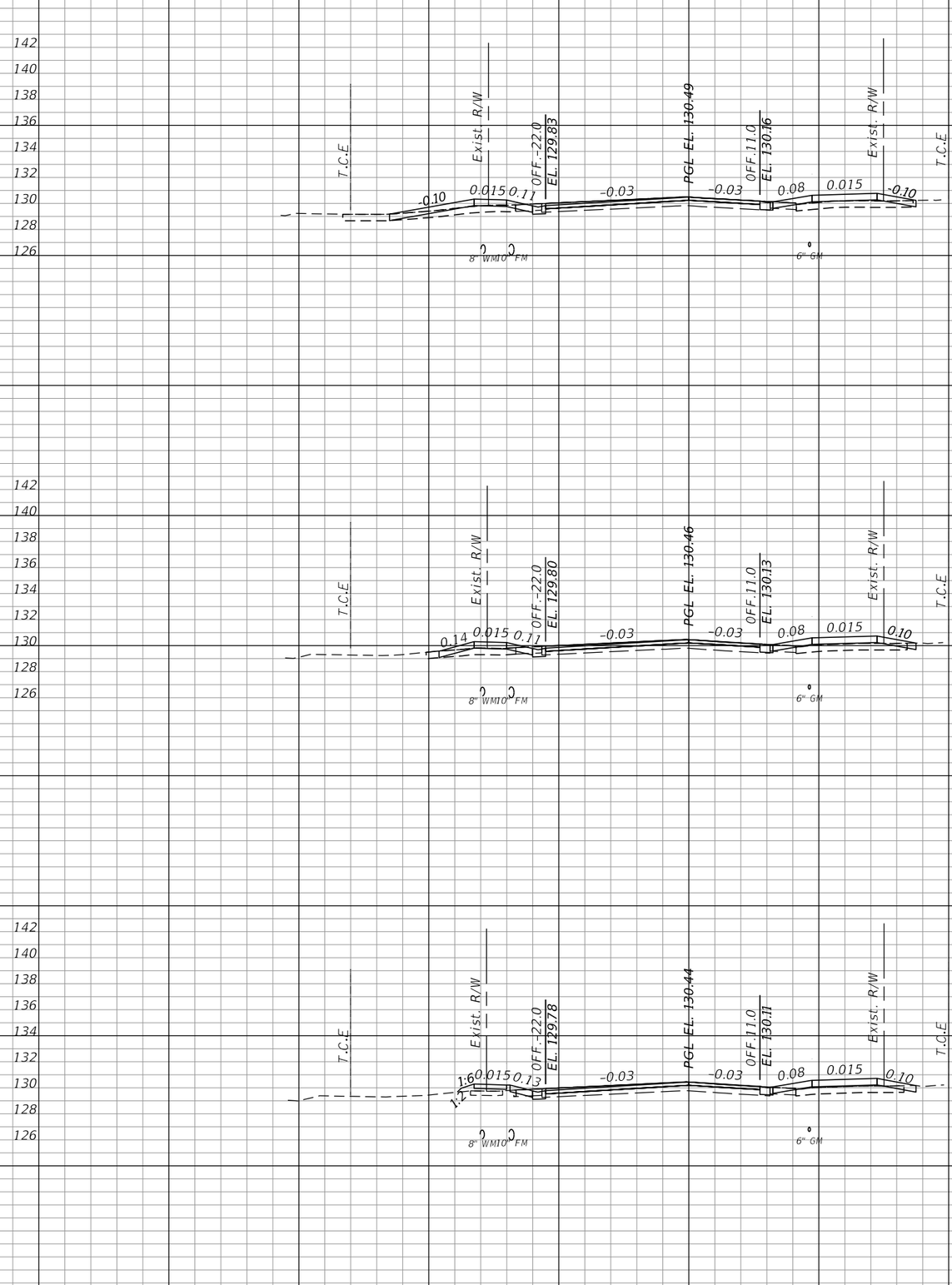
Regular Exc.		Embankment	
A	V	A	V



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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

NUMBER	REVISIONS	DATE	APPROVED BY

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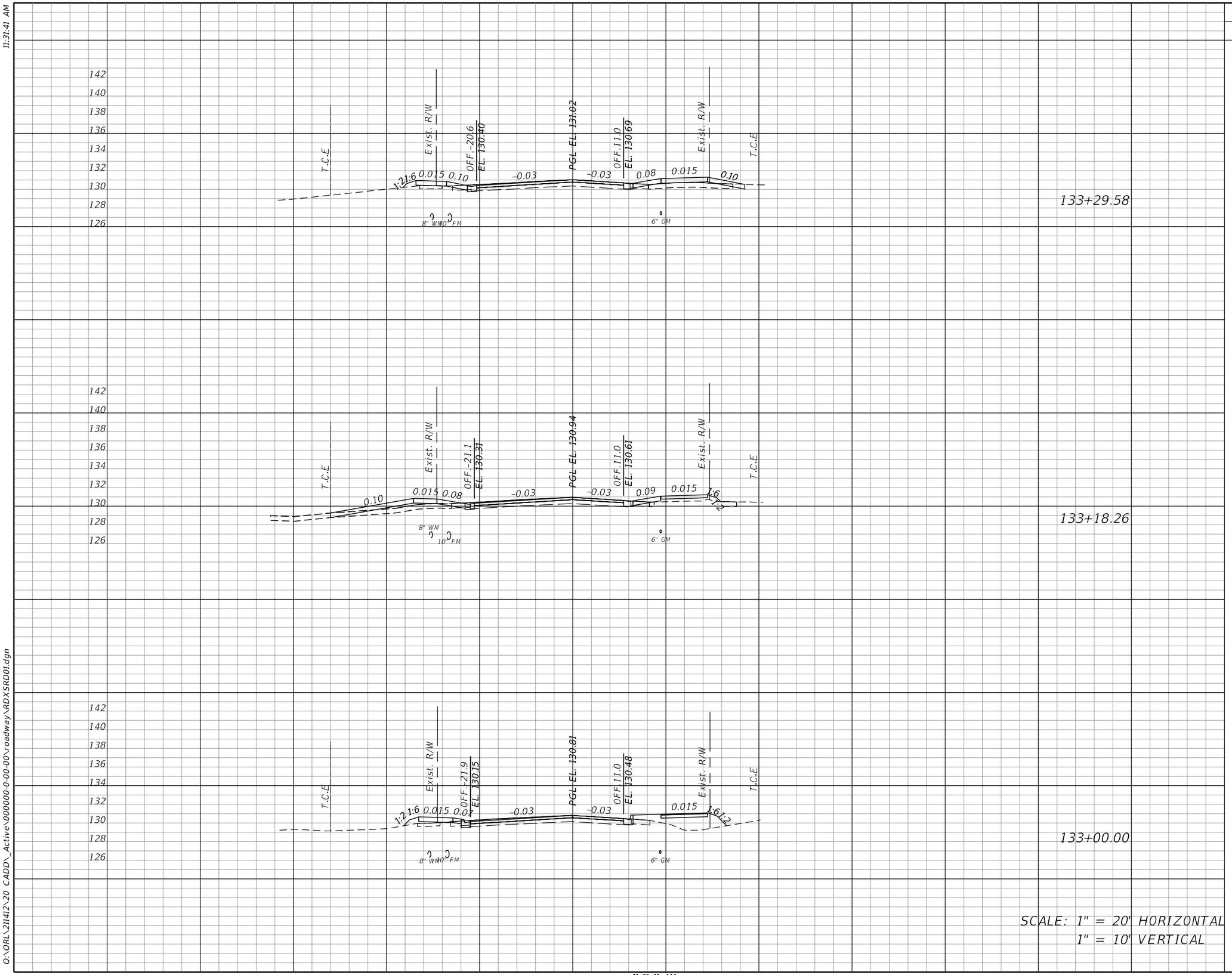

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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
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ENGINEER OF RECORD: ALEXANDER J. WELFLE
DATE: 5/11/2022
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

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Regular Exc.		Embankment	
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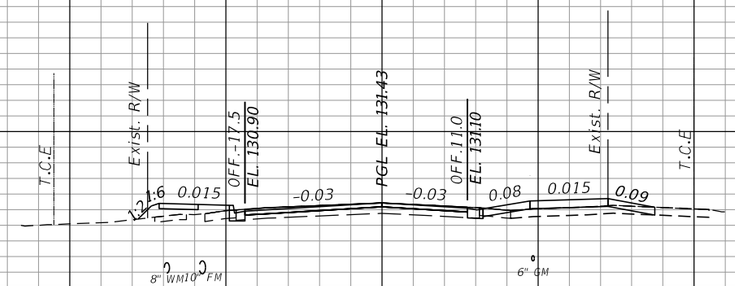

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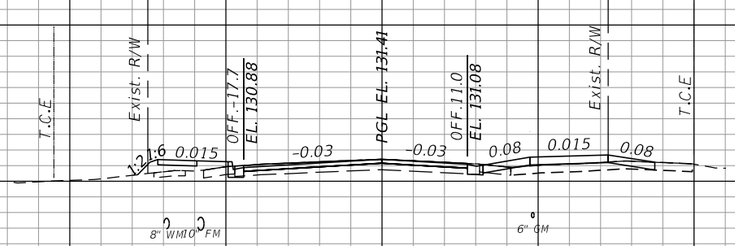

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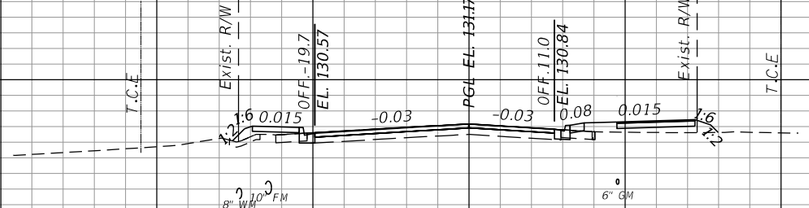

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SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
FIELD BOOK / PAGE(S):		SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W	

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 98

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11:31:41 AM

awelfle
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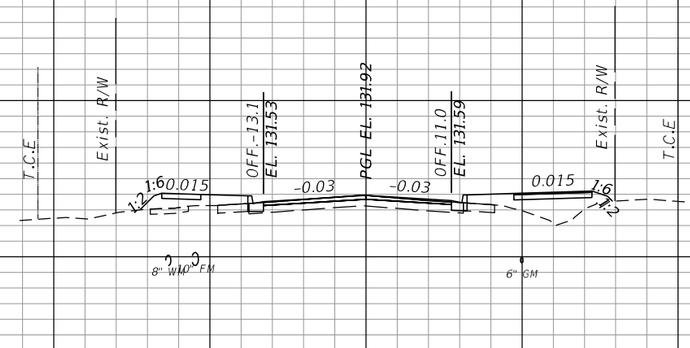
Regular Exc.		Embankment	
A	V	A	V



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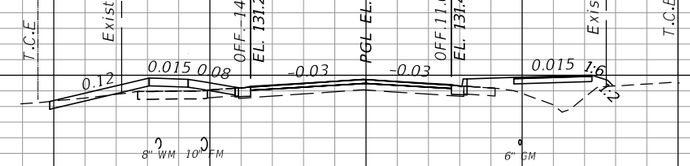

134+63.14

134+50.00

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

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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Regular Exc.		Embankment	
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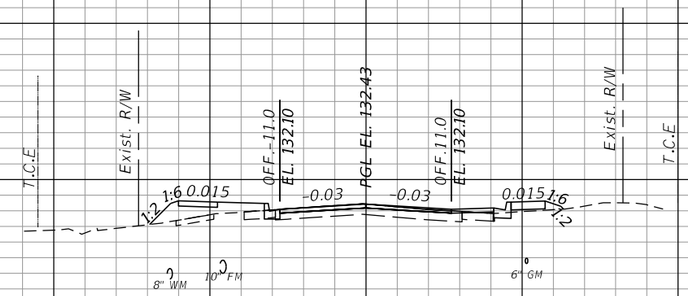

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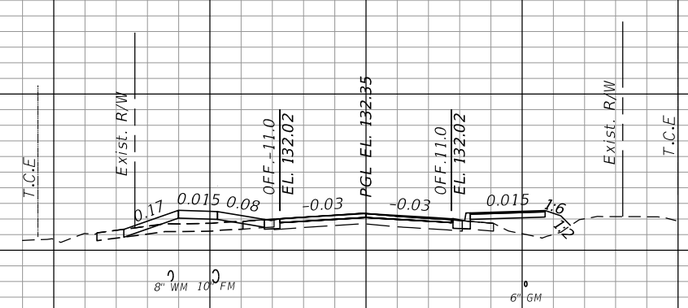

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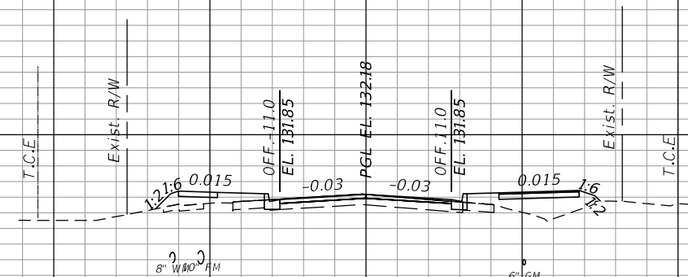

135+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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SHEET 100

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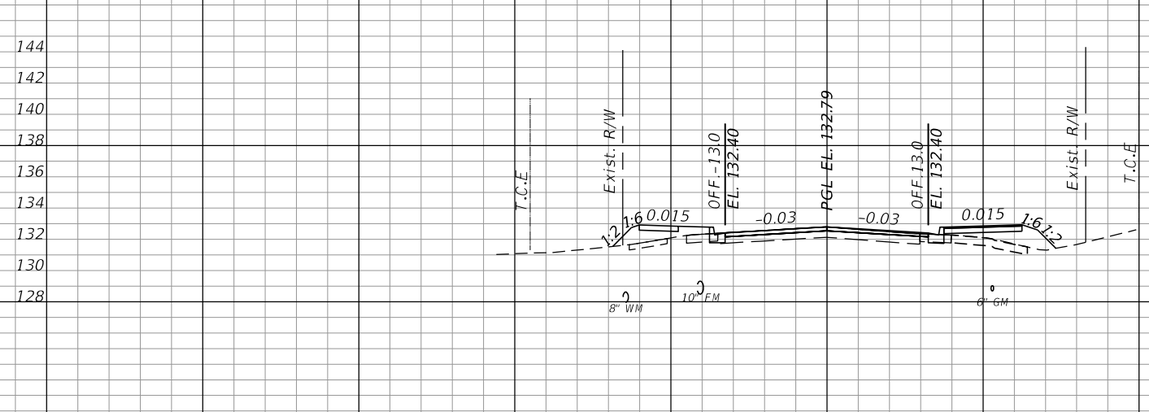

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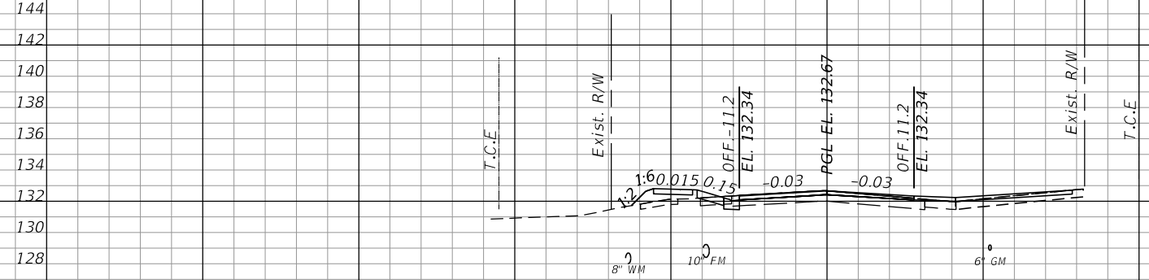

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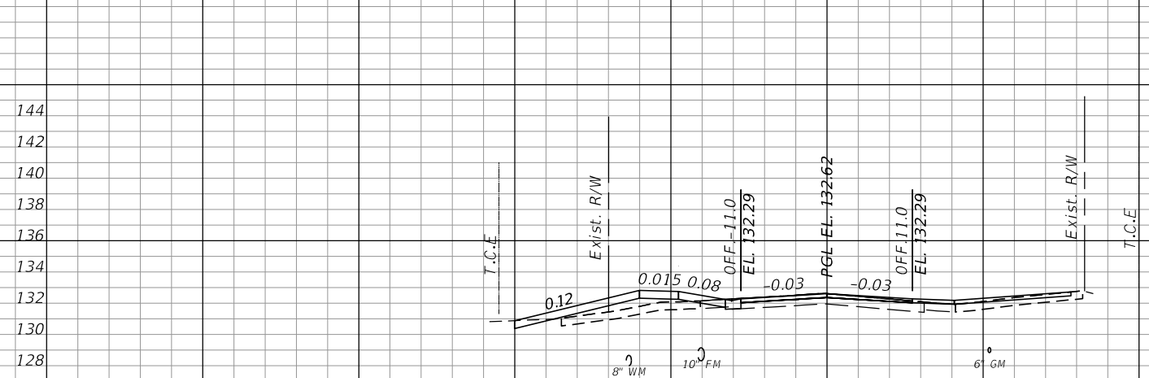

136+38.85

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

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SHEET 101

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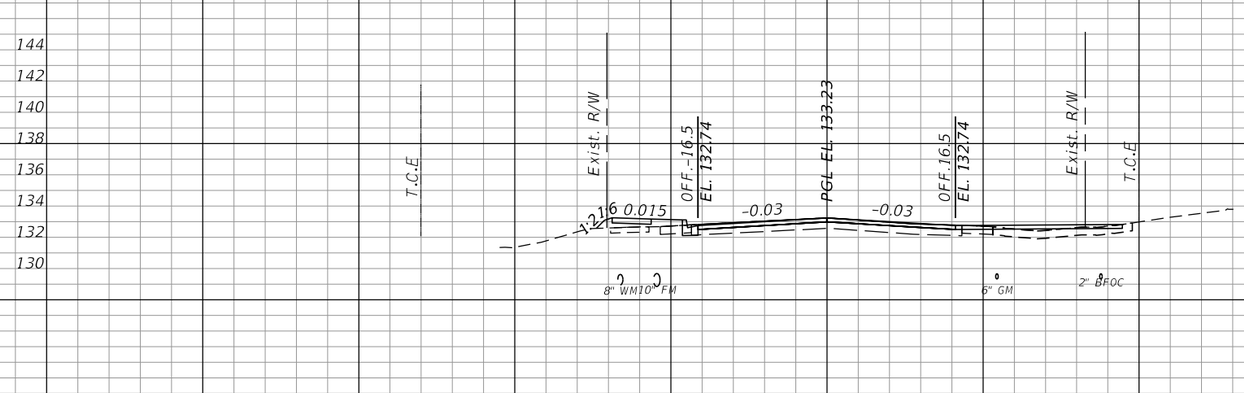
Regular Exc.		Embankment	
A	V	A	V



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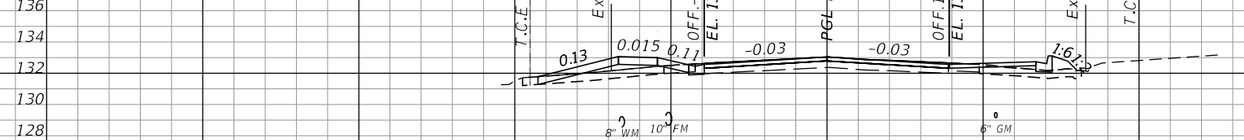

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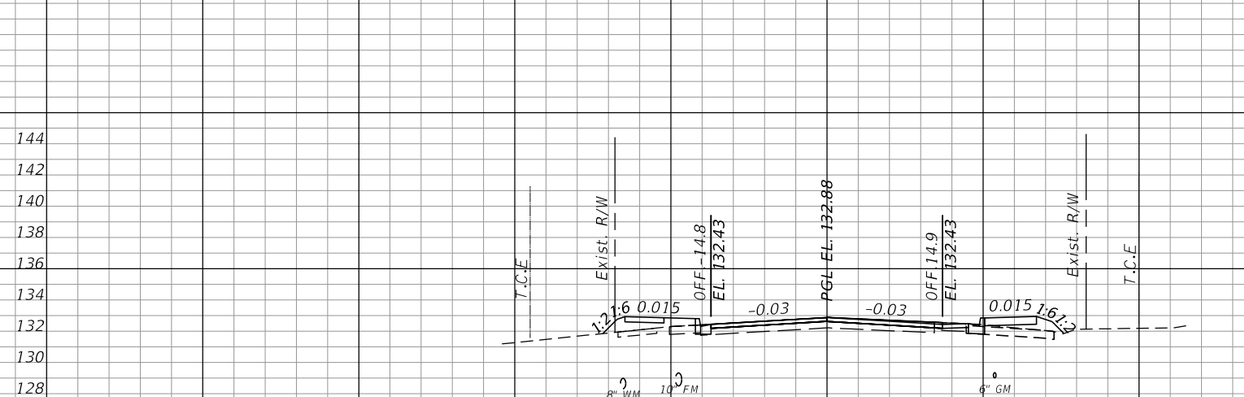

137+50.00

SCALE: 1" = 20' HORIZONTAL
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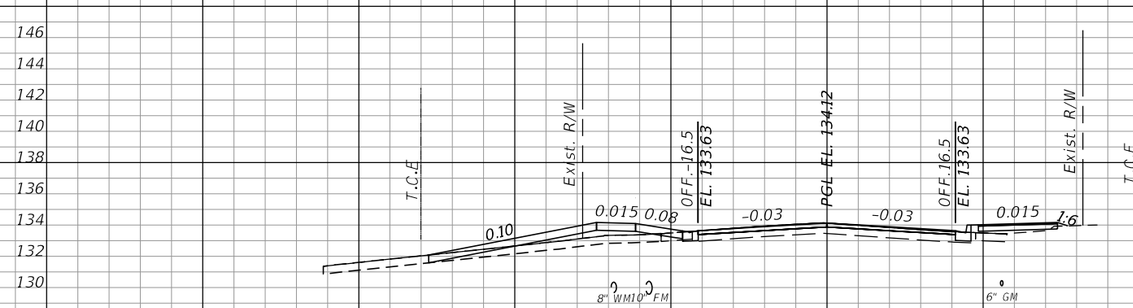

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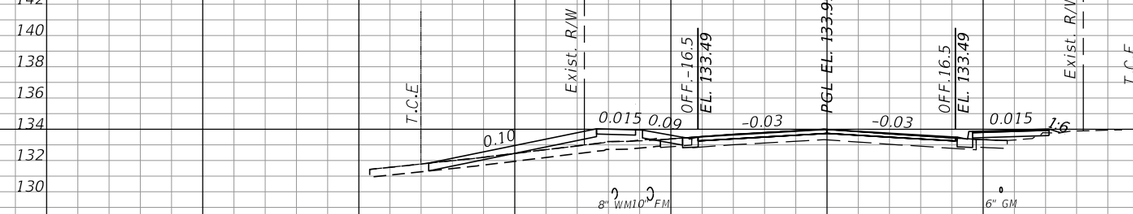

139+00.00

138+50.00

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

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 103

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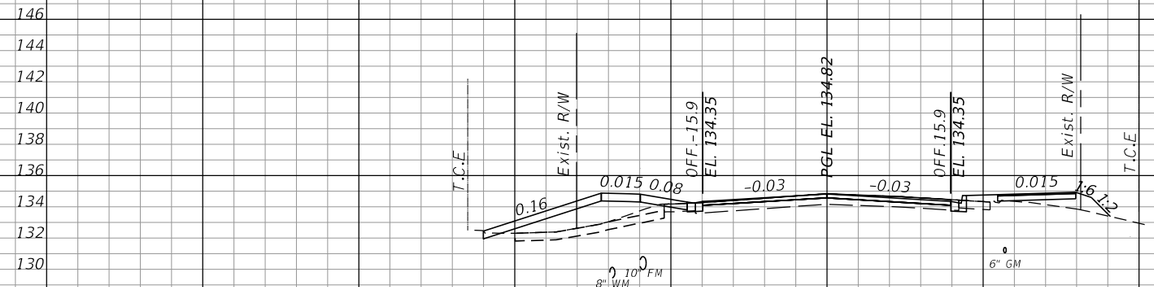
Regular Exc.		Embankment	
A	V	A	V



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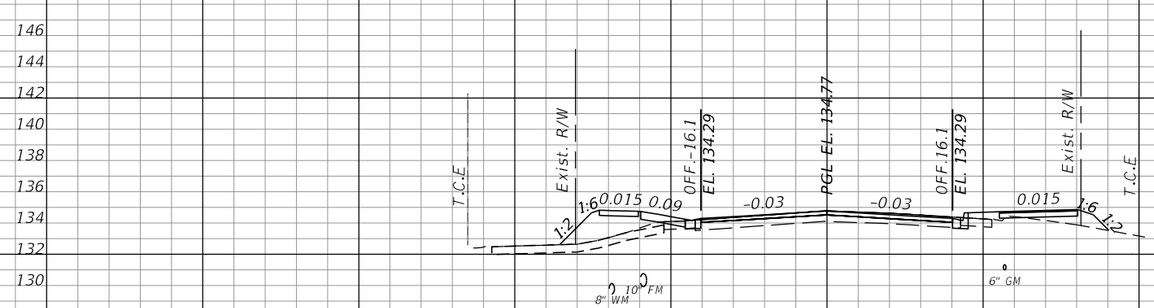

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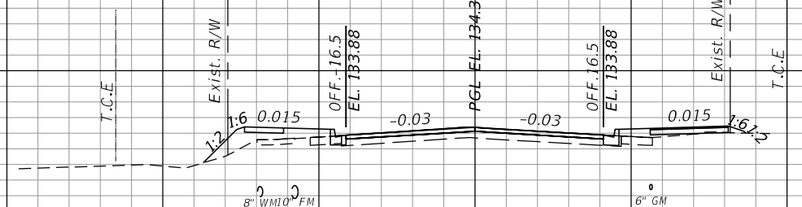

139+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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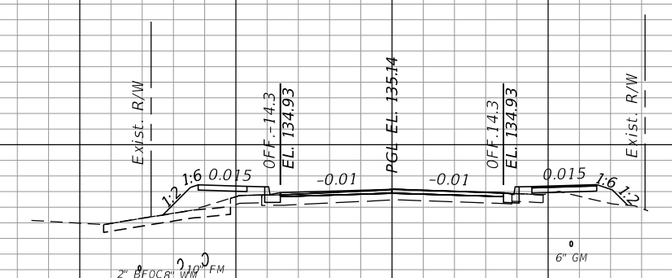
	Regular Exc.		Embankment	
	A	V	A	V

BEGIN CONSTRUCTION
END CSX RAILROAD
EXCEPTION
STA. 141+11.57

END CONSTRUCTION
BEGIN CSX RAILROAD
EXCEPTION
STA. 140+78.46

141+00.00



END CROSS SLOPE TRANSITION
STA. 140+78.46 (0.00) (LT/RT)

BEGIN CROSS SLOPE TRANSITION
STA. 140+20.00 (-0.03) (LT/RT)

140+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 105

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Regular Exc.		Embankment	
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141+92.98

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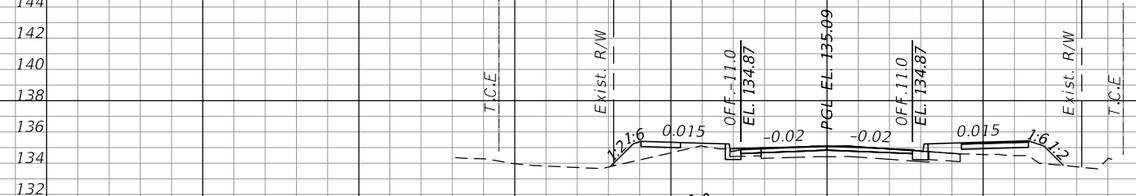

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STA. 141+11.57 (0.00) (LT/RT)

141+50.00

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Regular Exc.		Embankment	
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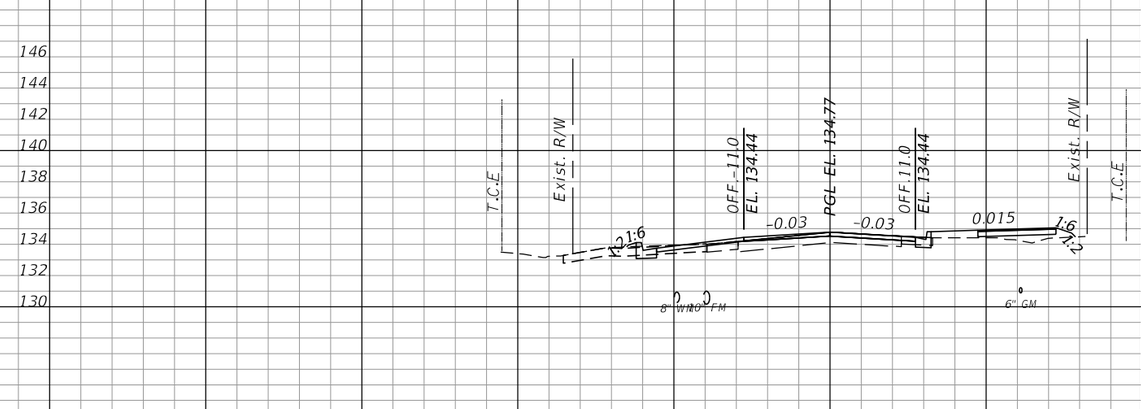

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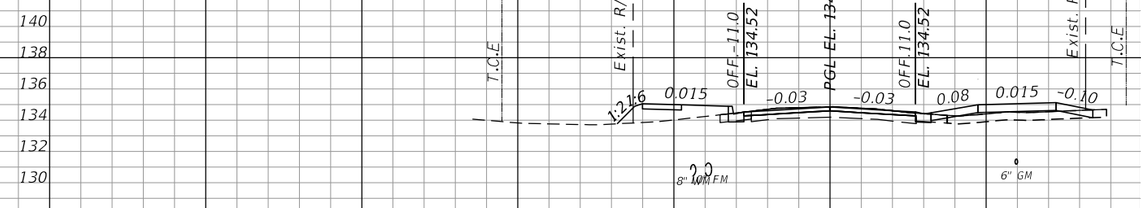
142+50.00



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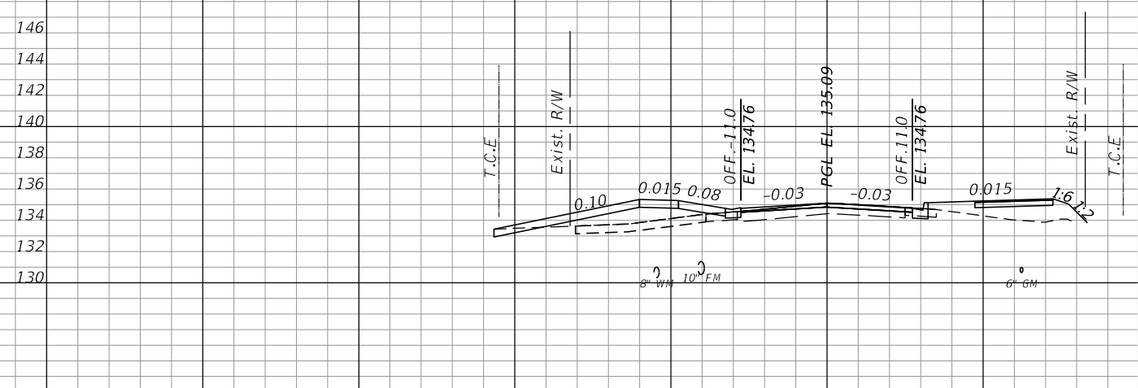
	Regular Exc.		Embankment	
	A	V	A	V



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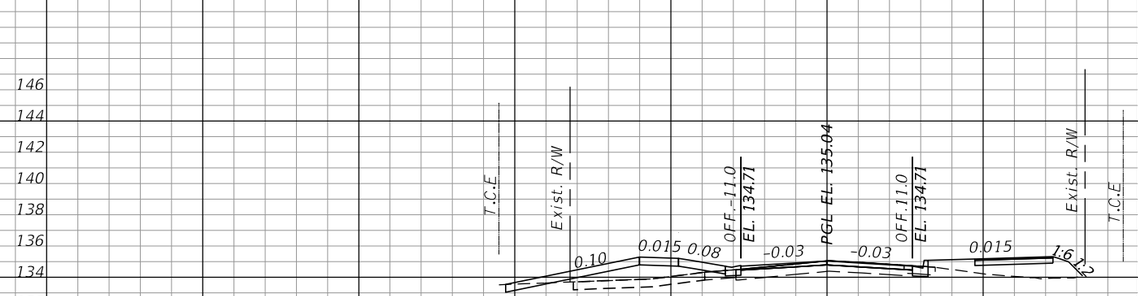

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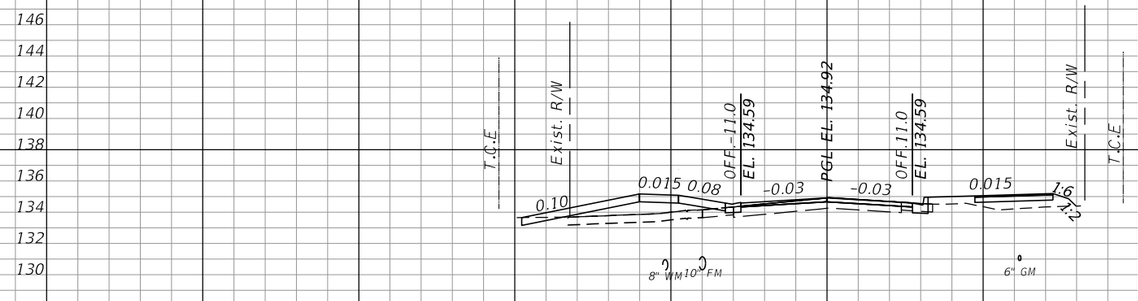

143+50.00

SCALE: 1" = 20' HORIZONTAL
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SHEET 108

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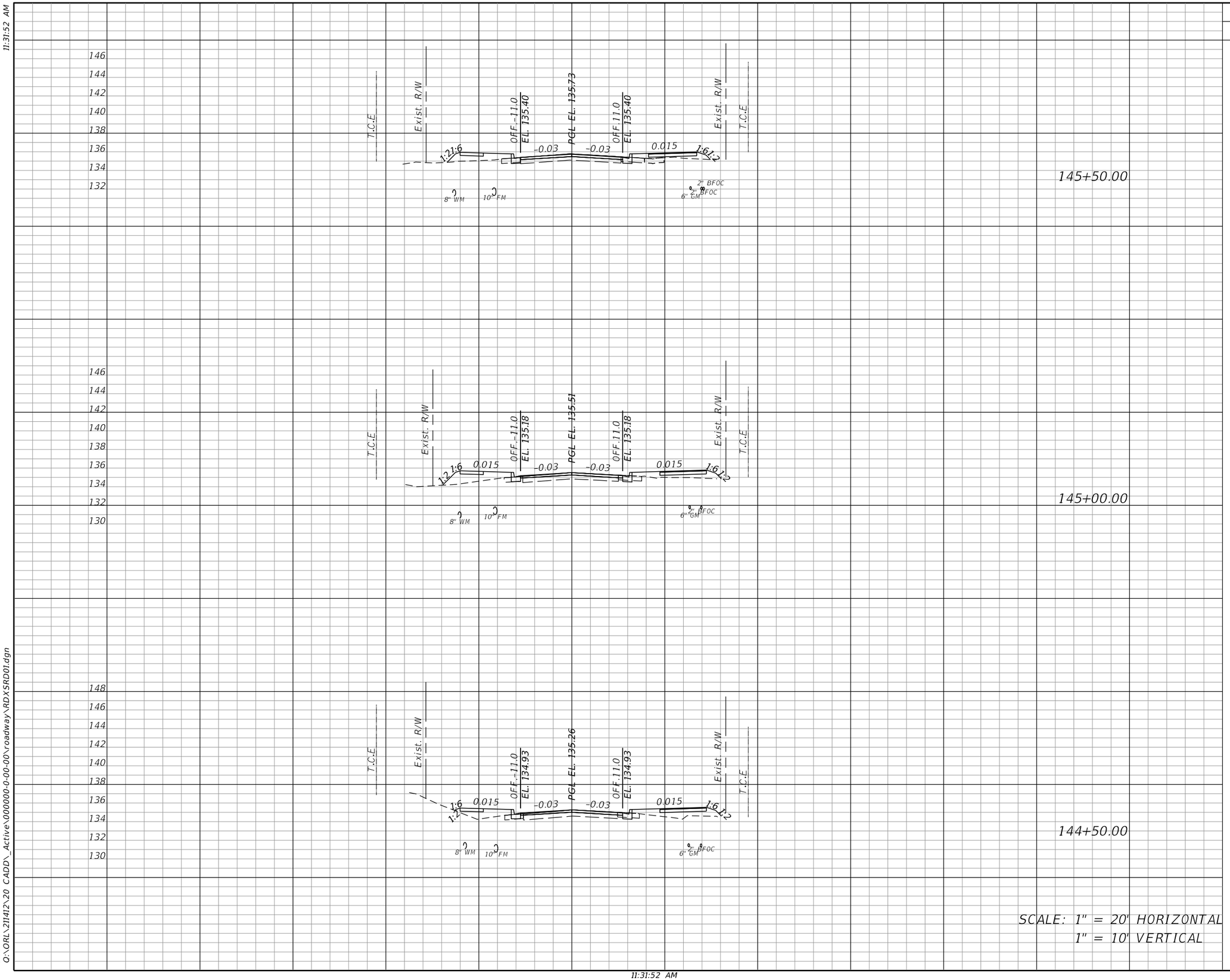

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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awelfle
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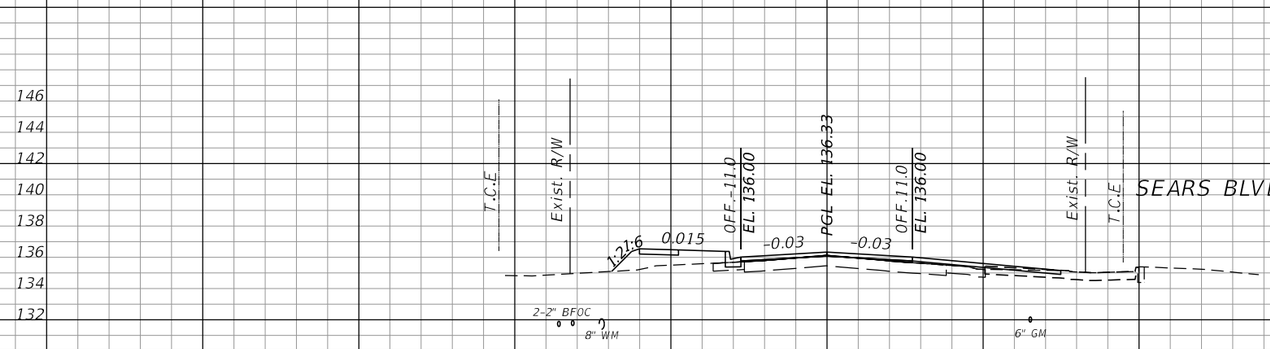
Regular Exc.		Embankment	
A	V	A	V



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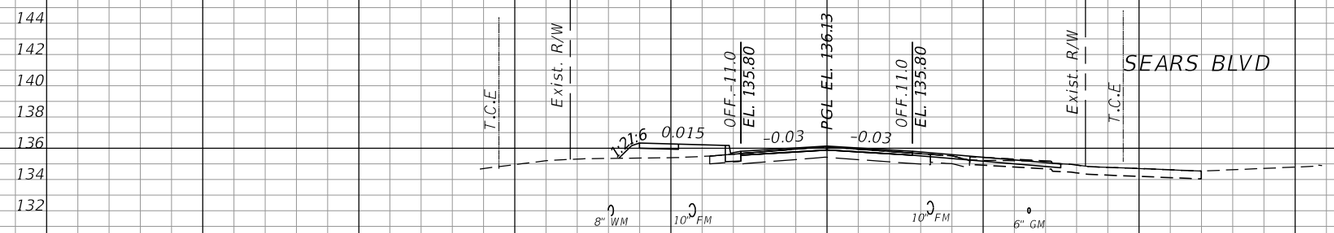

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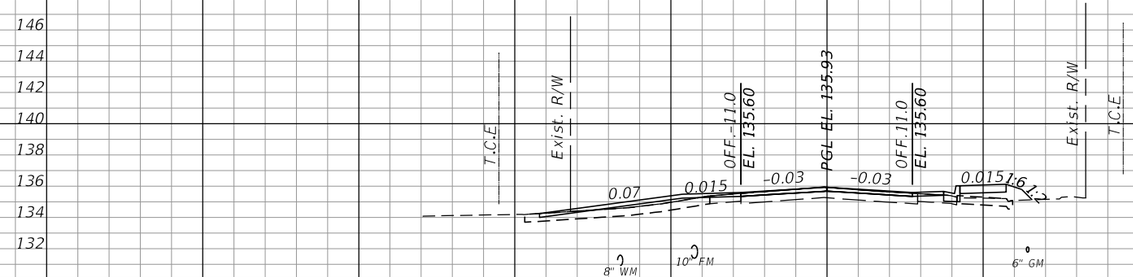

146+00.00

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

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: 5/11/2022	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

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 110

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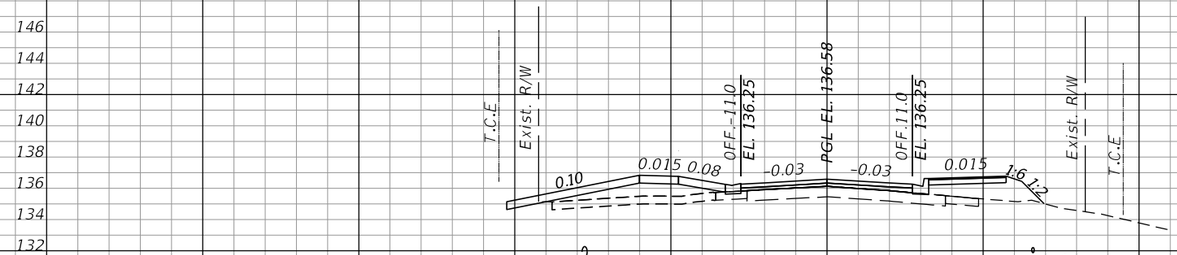
	Regular Exc.		Embankment	
	A	V	A	V



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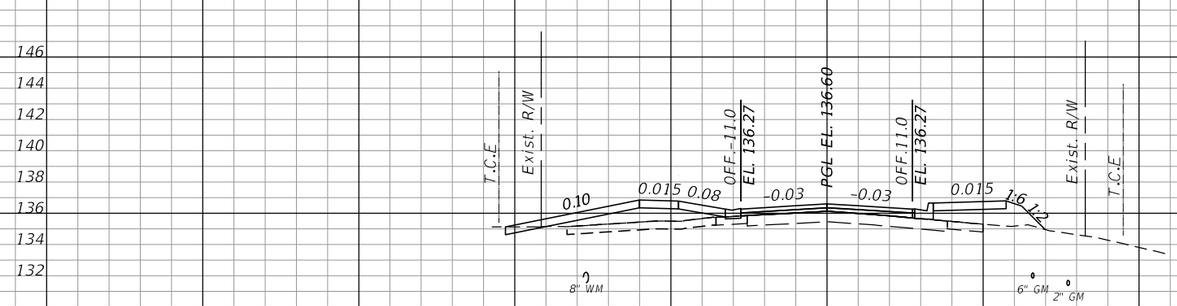

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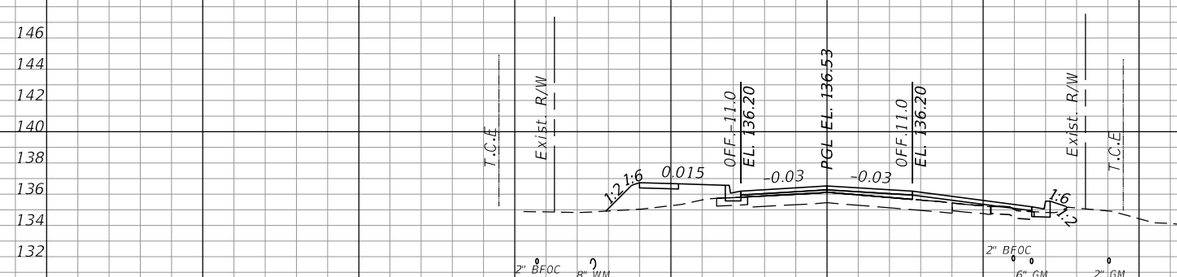

147+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY • FLORIDA

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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SHEET 111

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Regular Exc.		Embankment	
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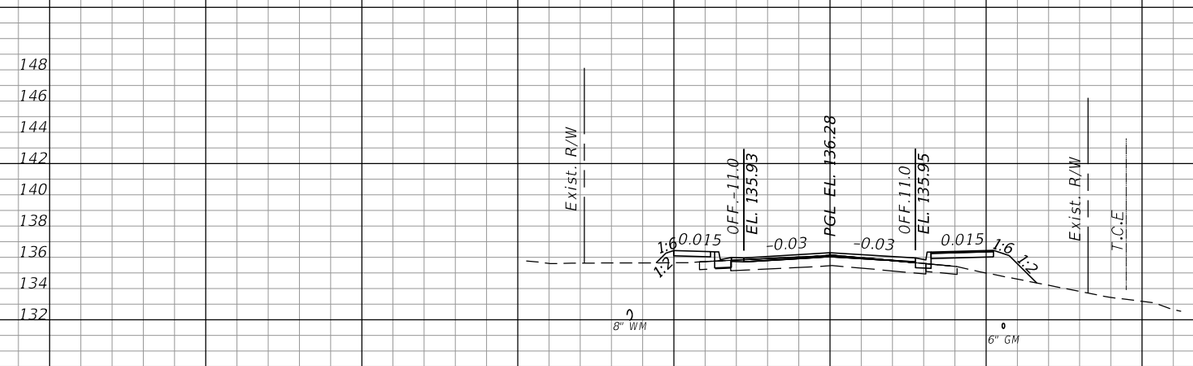

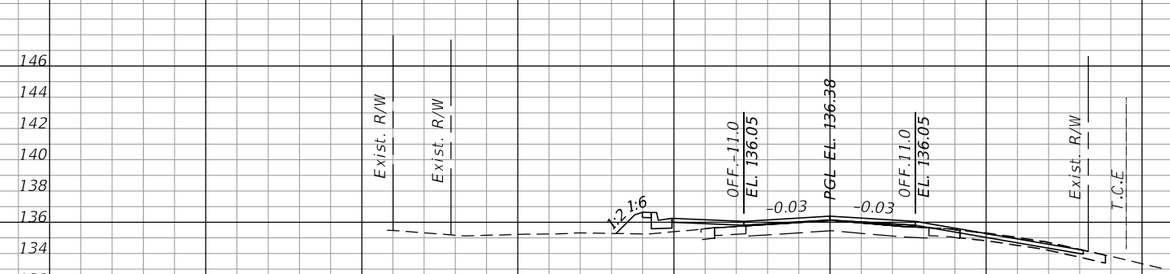

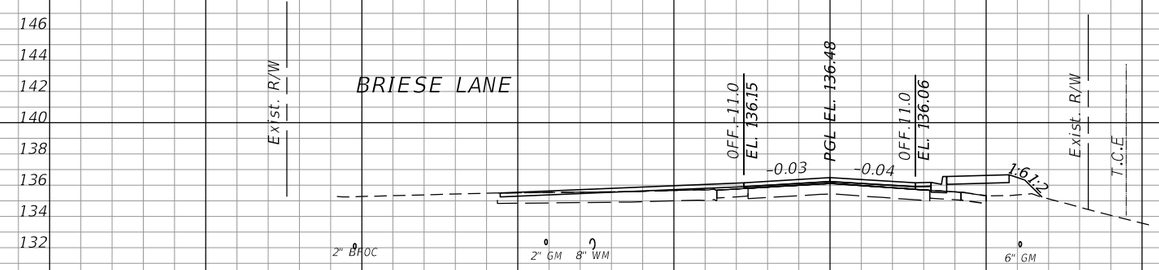

SCALE: 1" = 20' HORIZONTAL
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Regular Exc.		Embankment	
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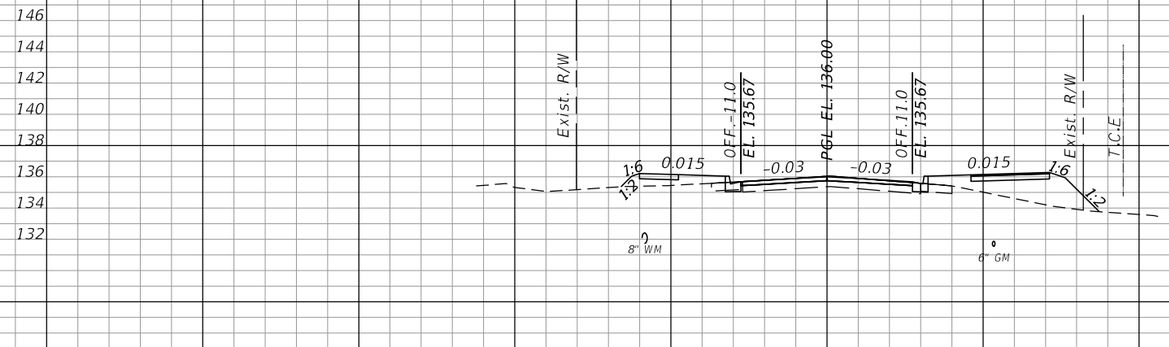

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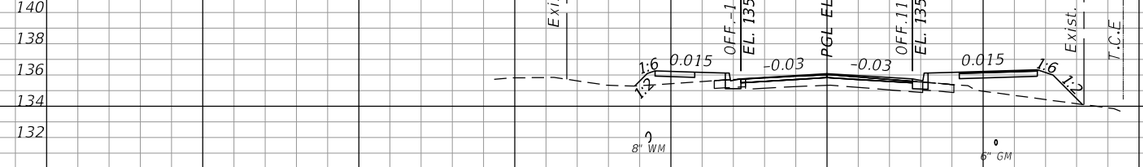

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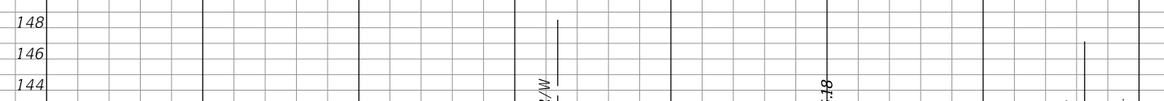

150+00.00

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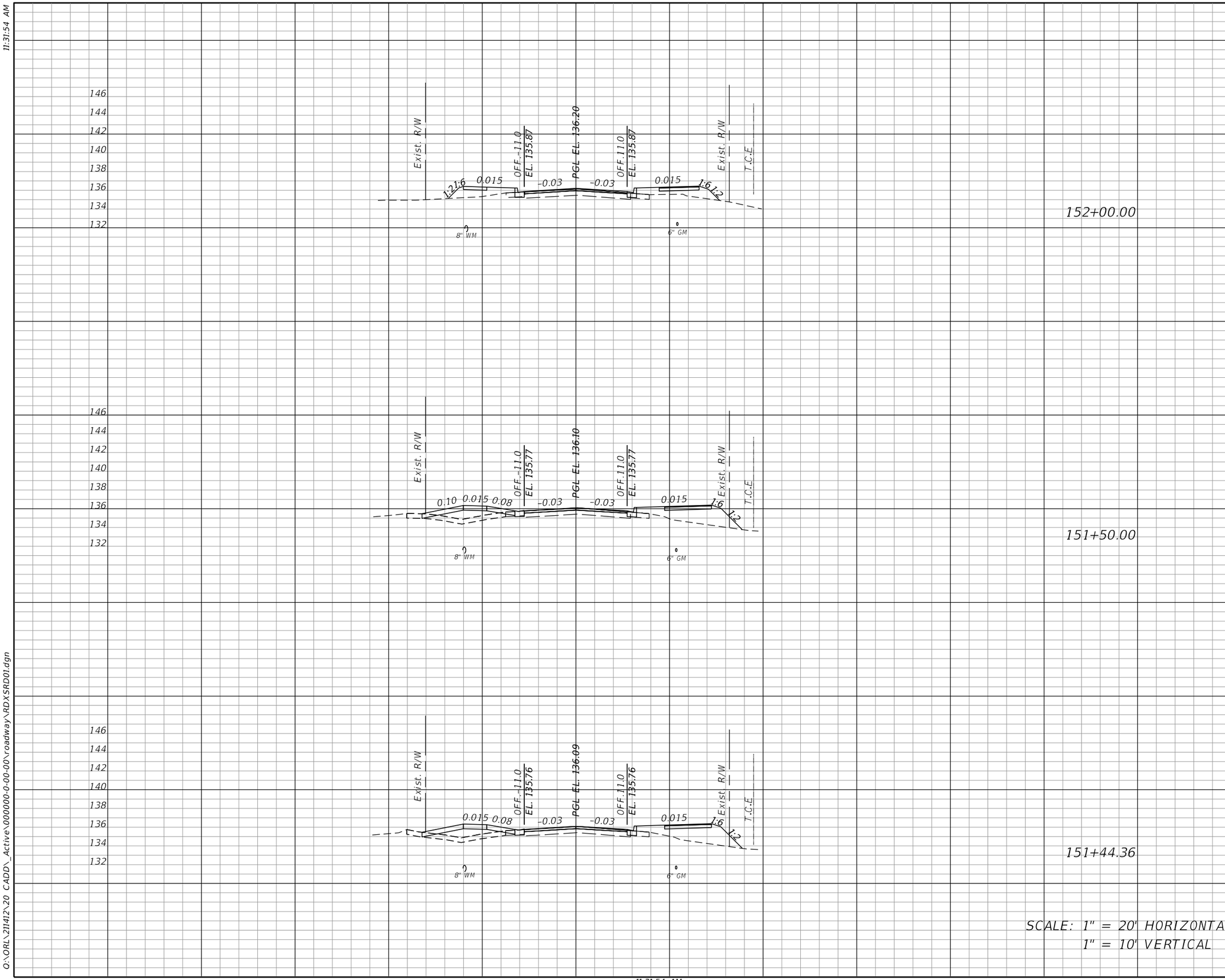

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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SHEET 114

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awelfle
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Regular Exc.		Embankment	
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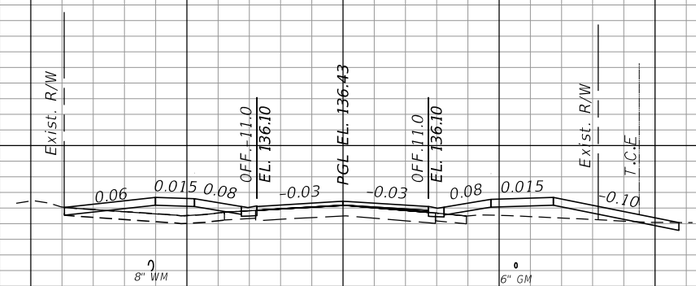

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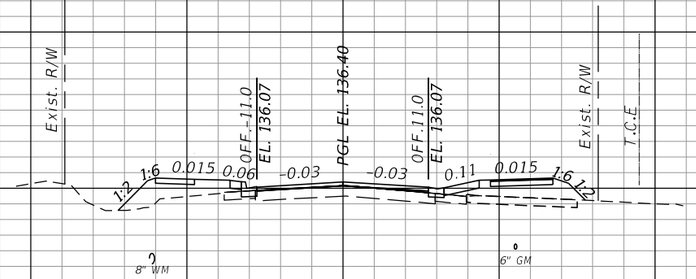

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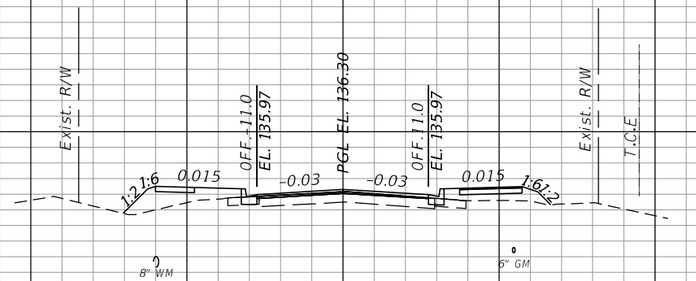

152+50.00

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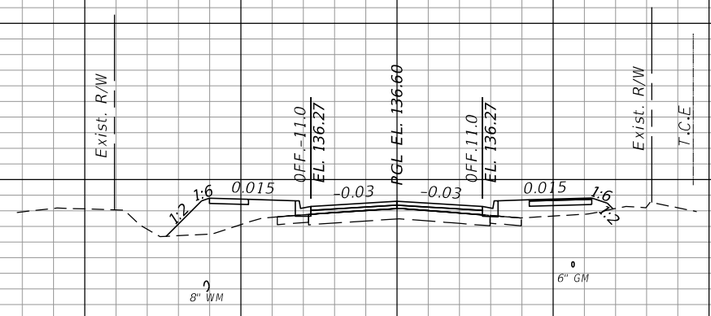
Regular Exc.		Embankment	
A	V	A	V



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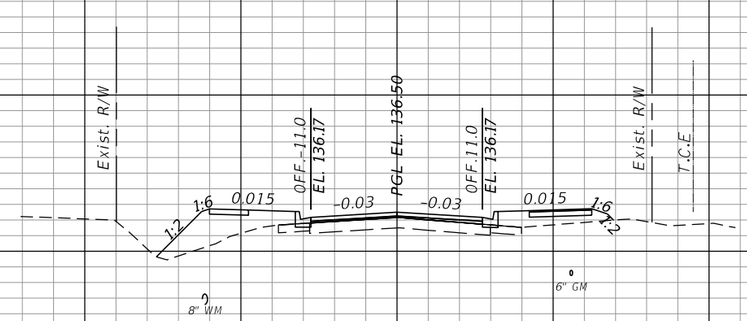

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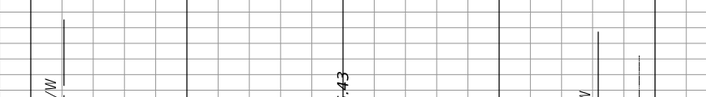

153+15.15

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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awelfle
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Regular Exc.		Embankment	
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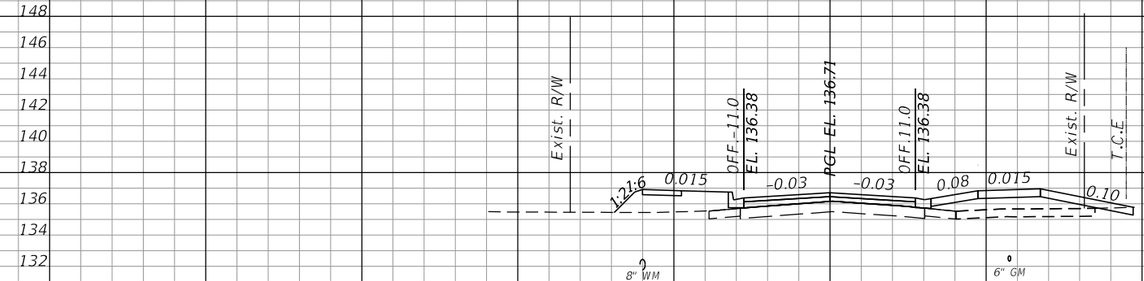

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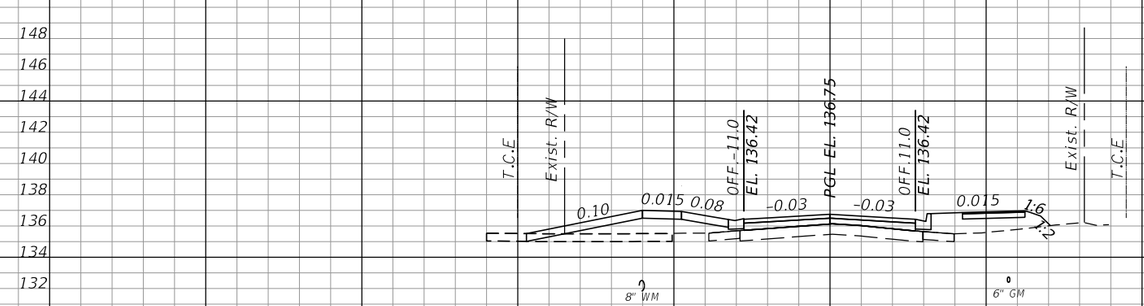

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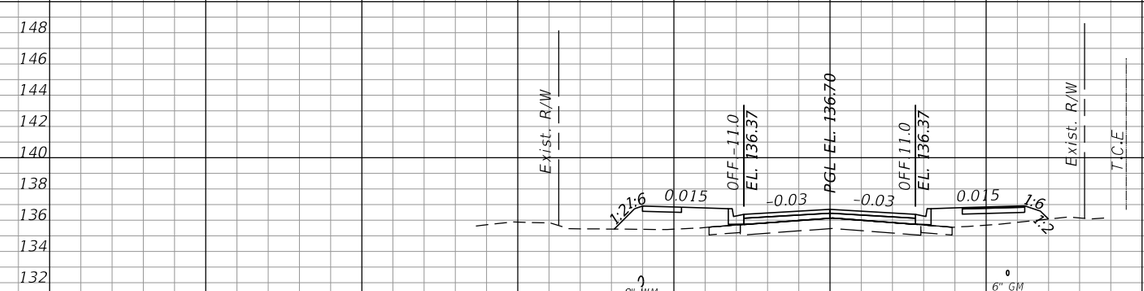

154+50.00

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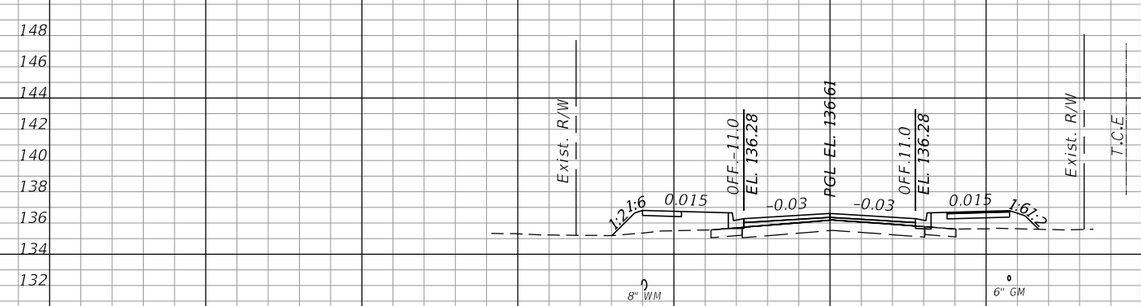
Regular Exc.		Embankment	
A	V	A	V

156+00.00



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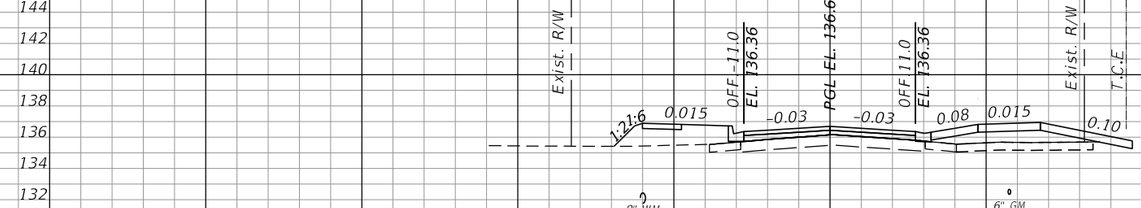

155+07.93

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 118

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Regular Exc.		Embankment	
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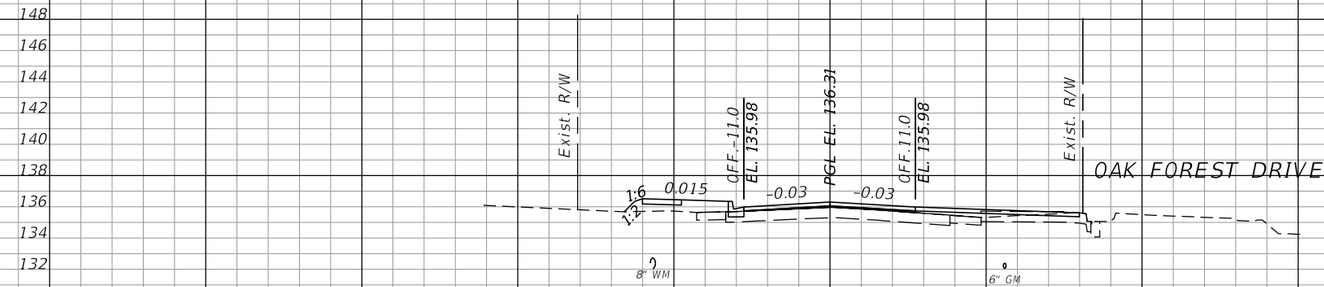

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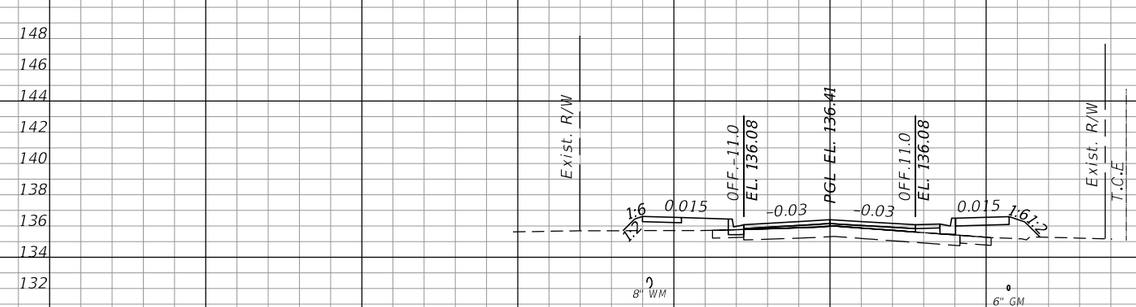

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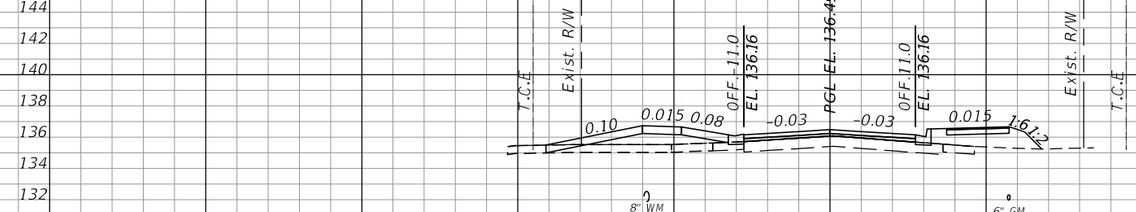

156+11.21

SCALE: 1" = 20' HORIZONTAL
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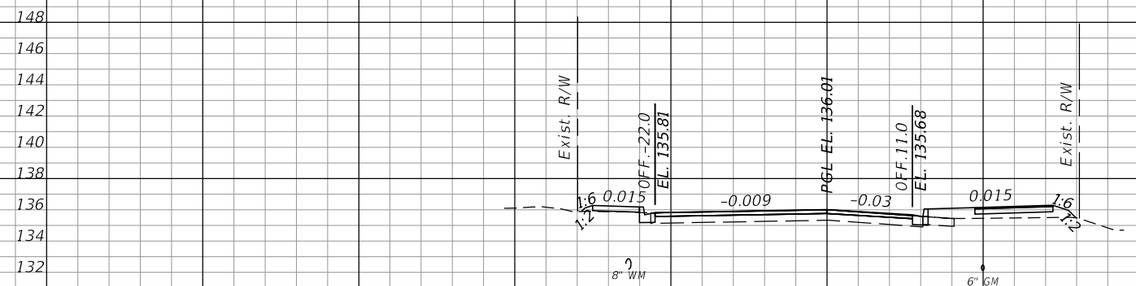

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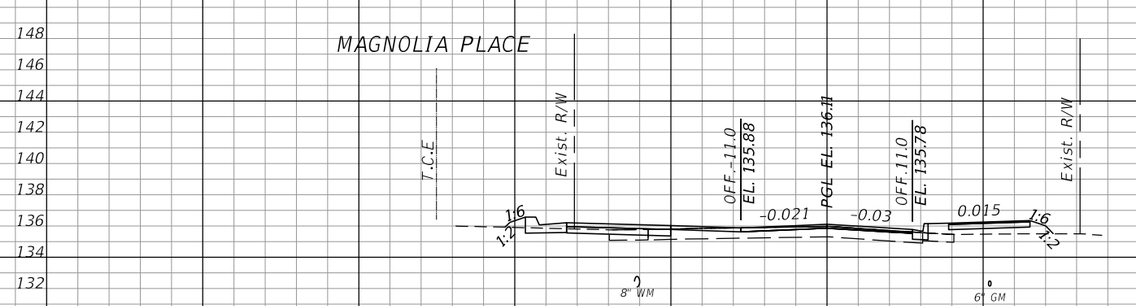

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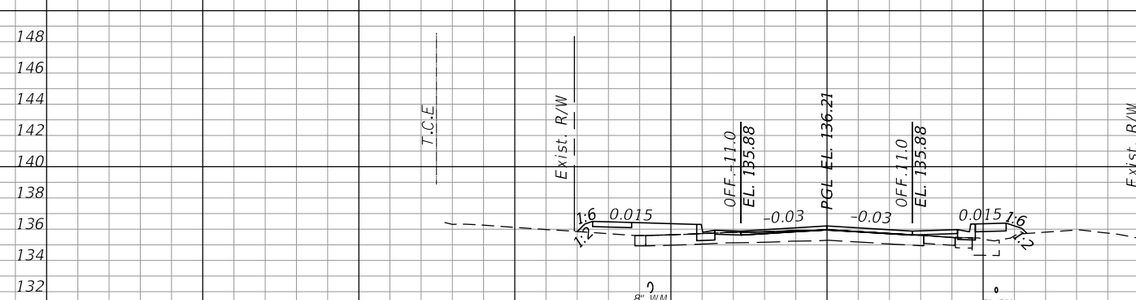
STA. 157+61.97 (-0.03) (LT)

158+00.00



157+50.00

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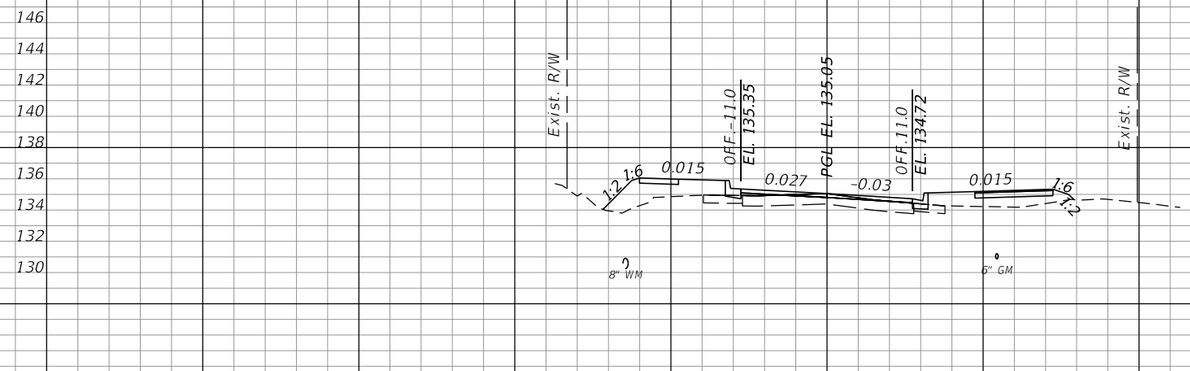

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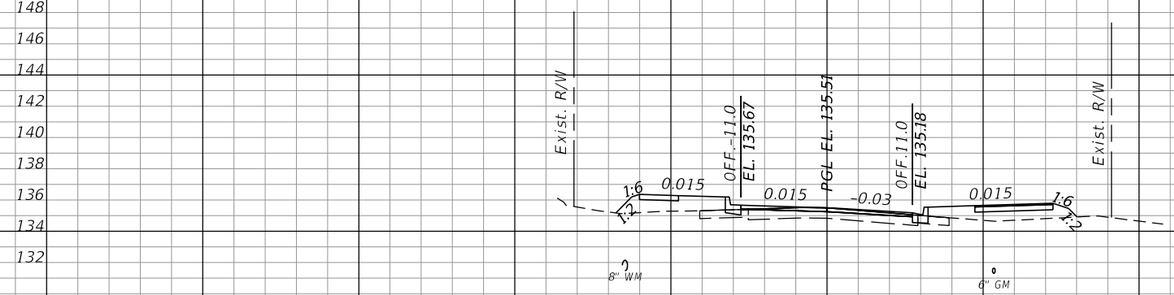

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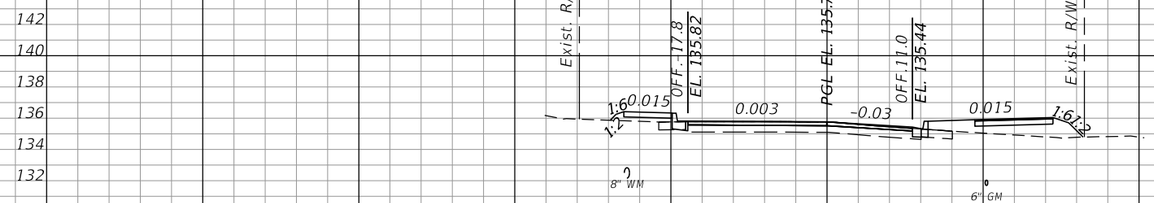

159+00.00

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

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 121

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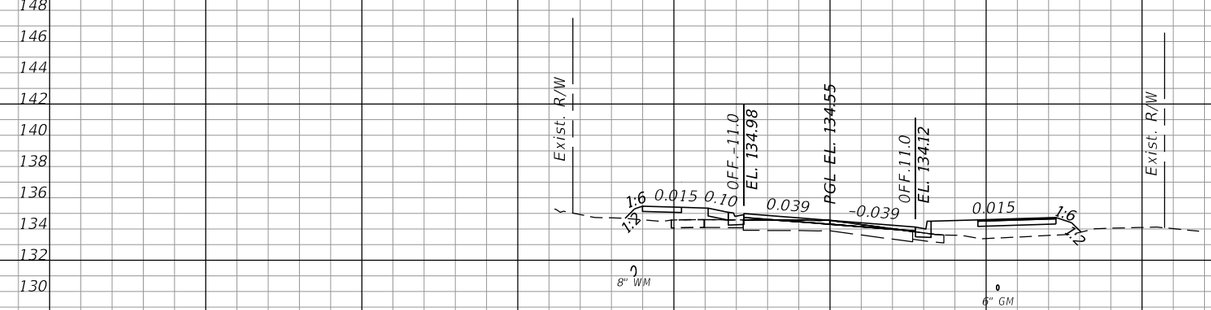

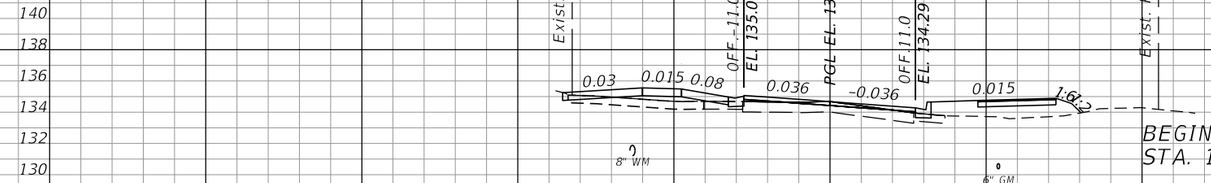

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 122

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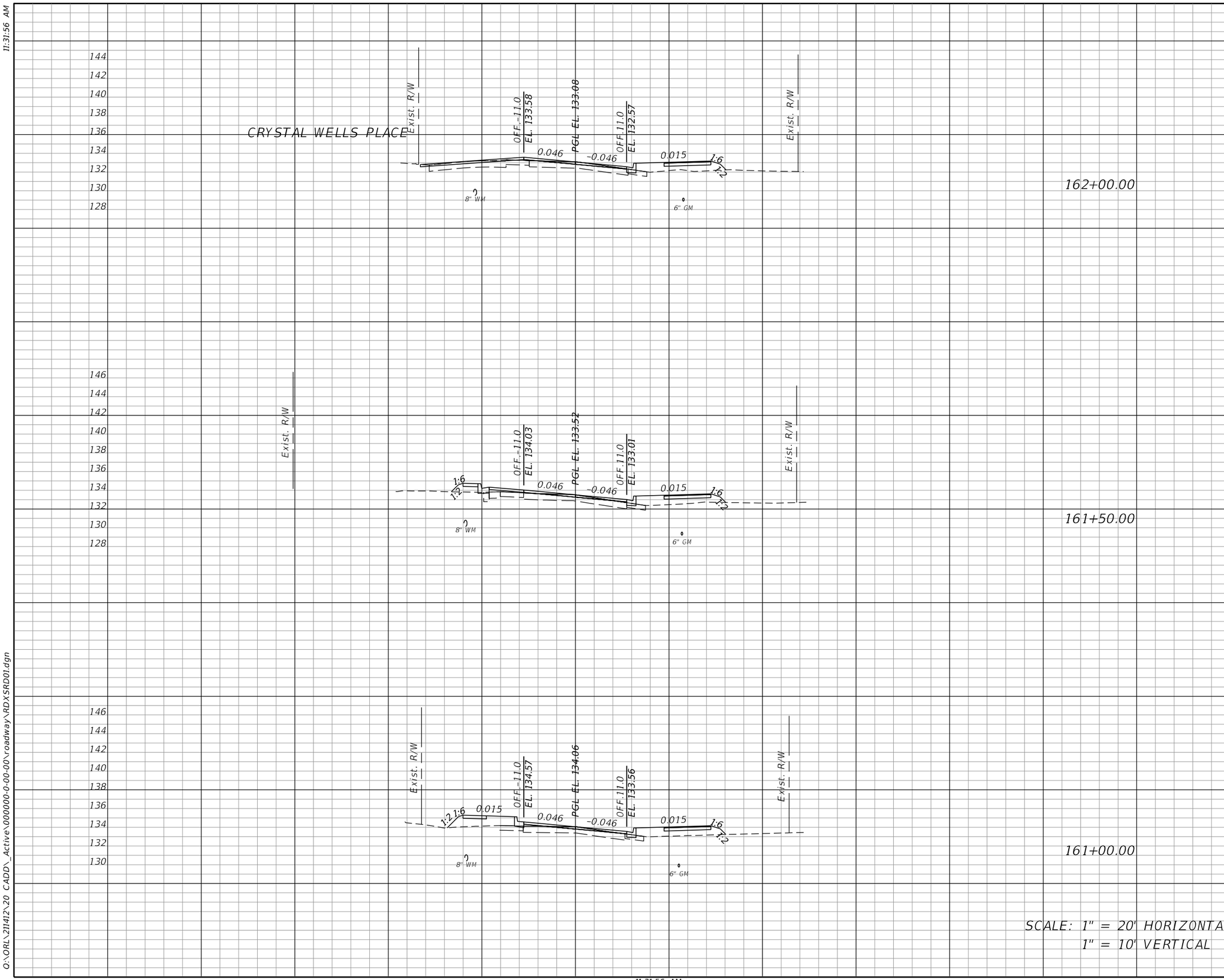

Regular Exc.		Embankment	
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 123

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Regular Exc.		Embankment	
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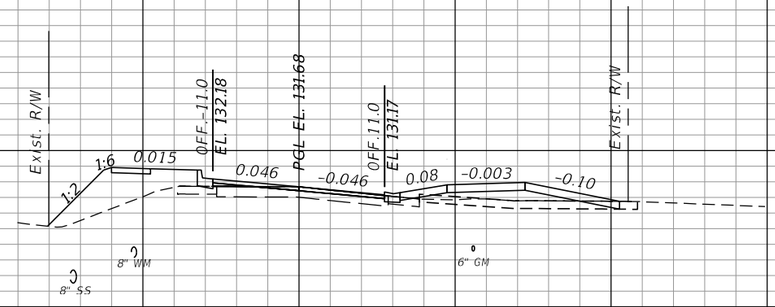

163+48.31

163+00.00

162+50.00

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

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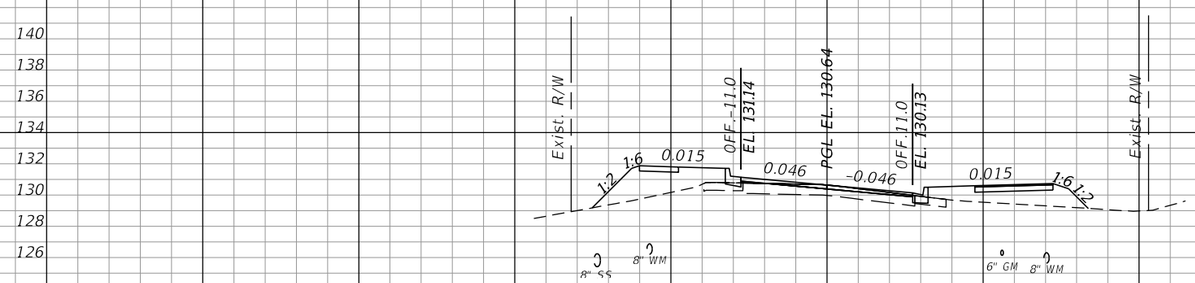
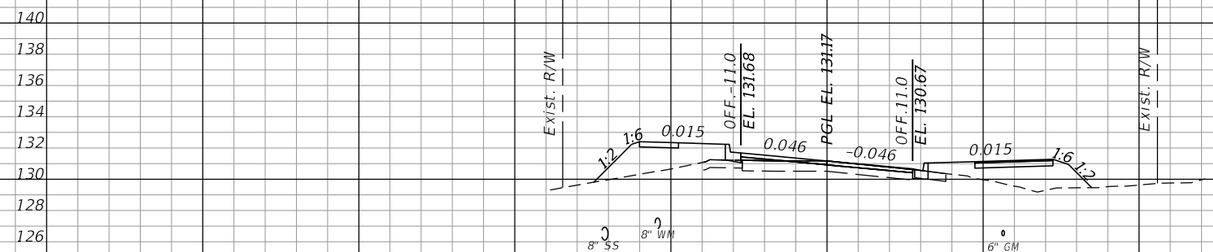


164+50.00



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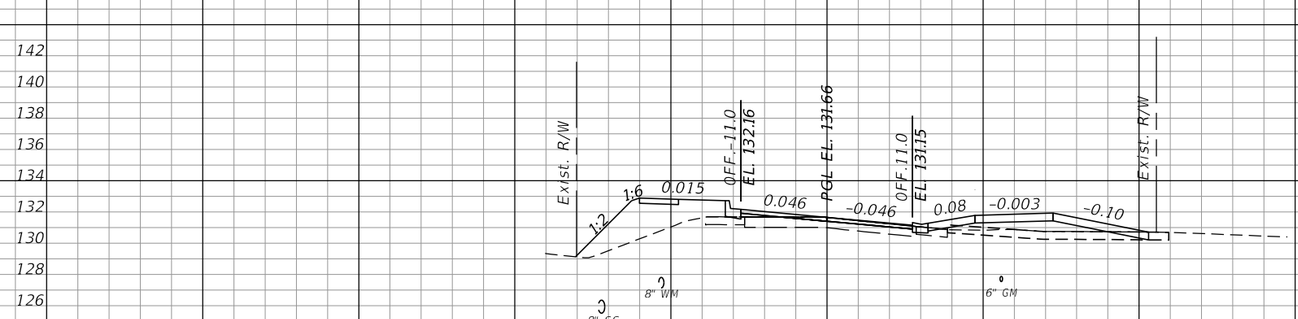

163+50.00

SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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SHEET 125

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Regular Exc.		Embankment	
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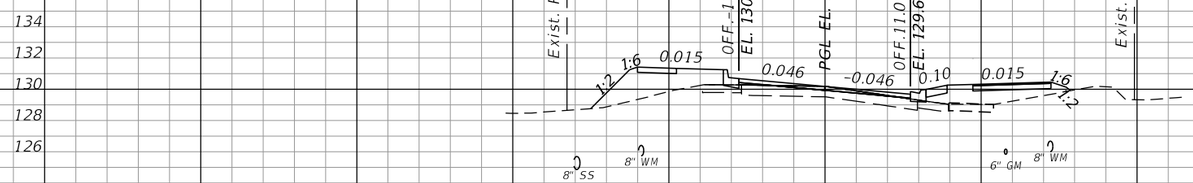

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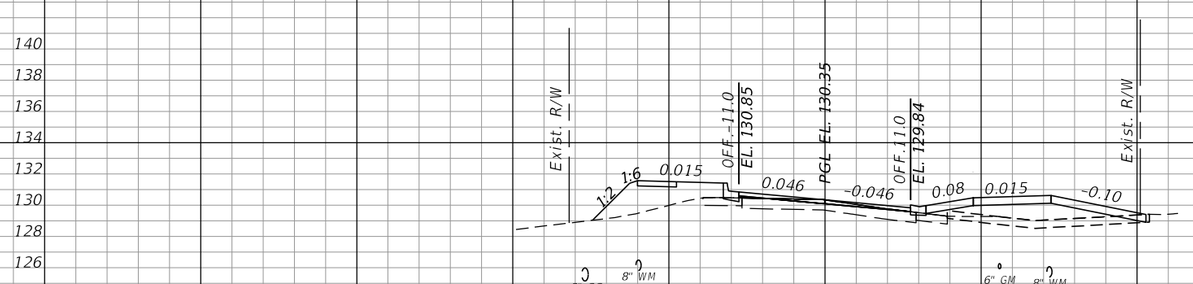

164+81.18

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 126

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Regular Exc.		Embankment	
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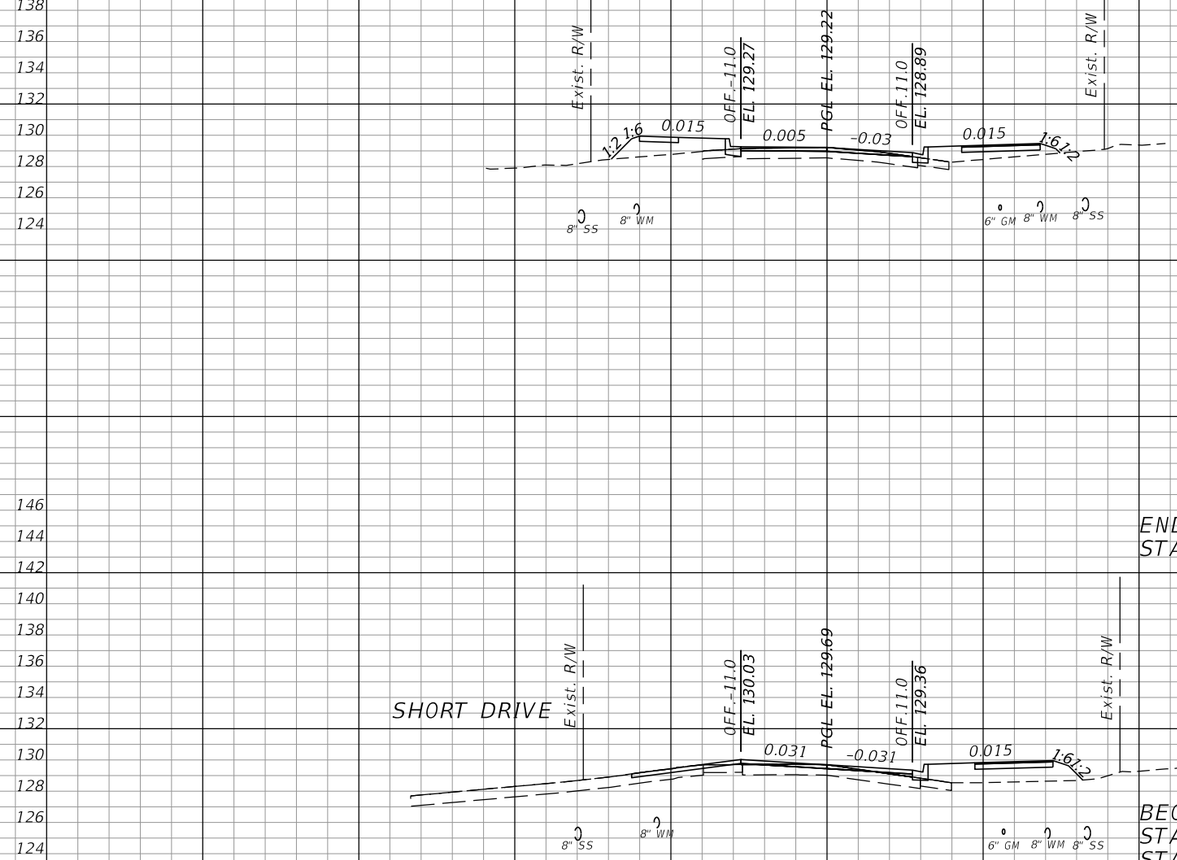

166+00.00

END SUPER-ELEVATION TRANSITION
STA. 165+51.22 (-0.03) (RT)

BEGIN SUPER-ELEVATION TRANSITION
STA. 165+20.42 (0.046) (LT)
STA. 165+20.42 (-0.046) (RT)

165+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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Regular Exc.		Embankment	
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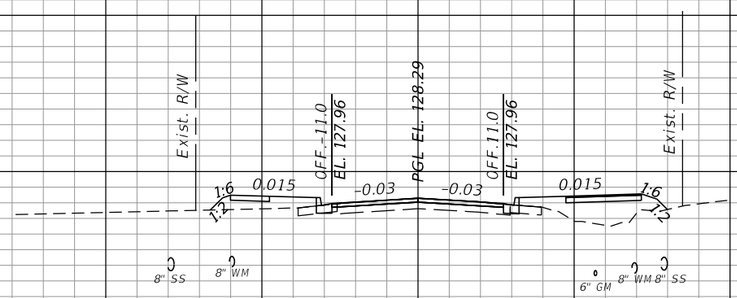

167+00.00

END SUPER-ELEVATION TRANSITION
STA. 166+66.72 (-0.03) (LT)

166+50.00

166+30.94

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 128

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	Regular Exc.		Embankment	
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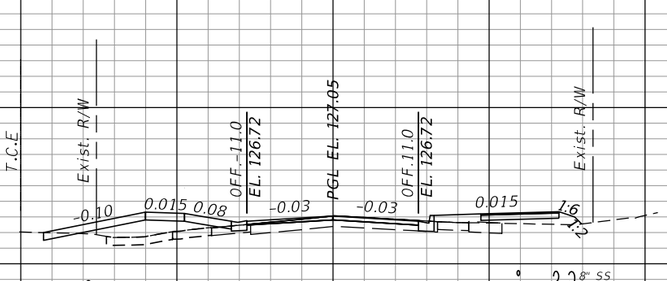

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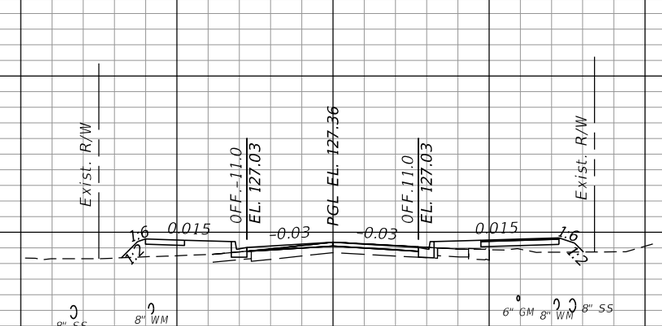

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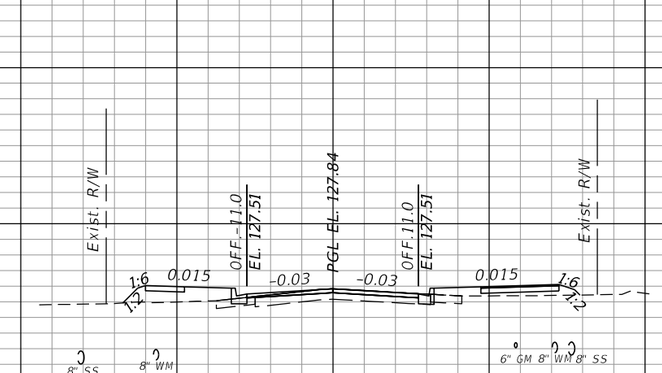

167+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY • FLORIDA

ESCAMBIA COUNTY, FLORIDA

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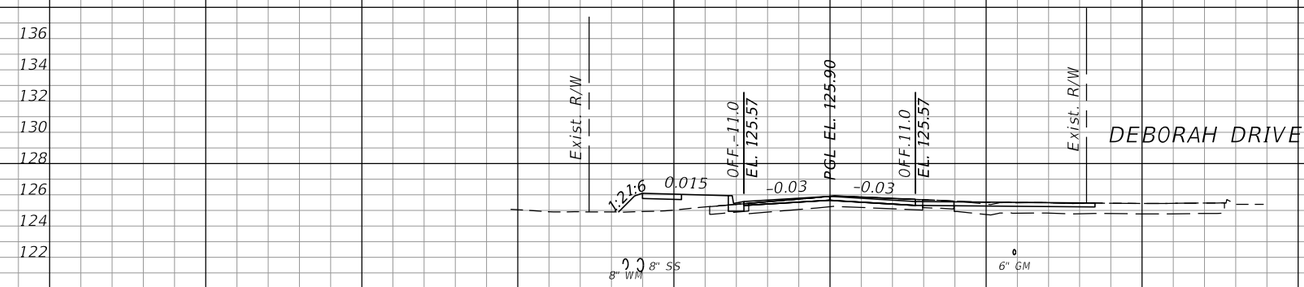

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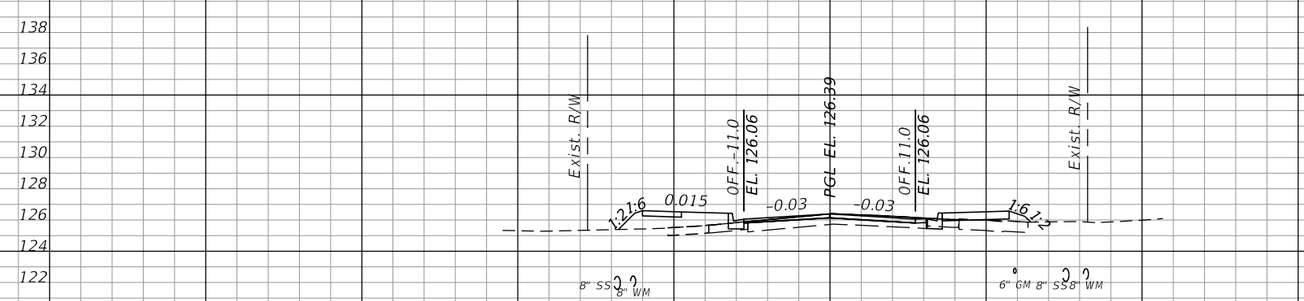

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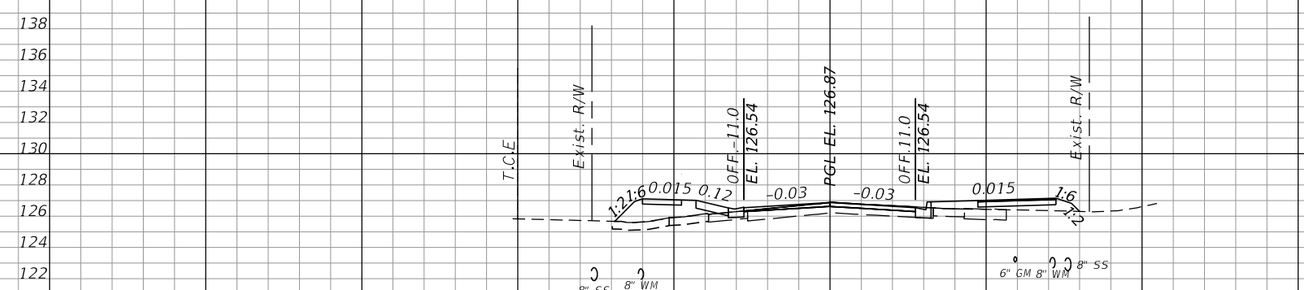

168+50.00

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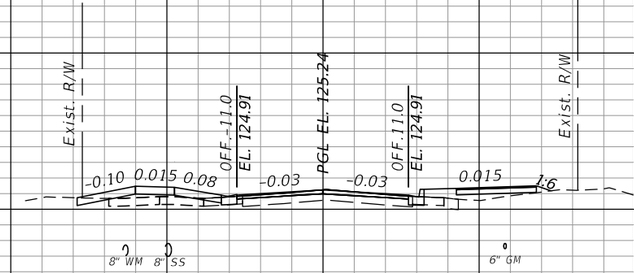
Regular Exc.		Embankment	
A	V	A	V

170+50.00



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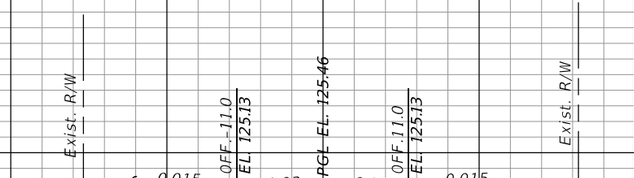

170+00.00

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Regular Exc.		Embankment	
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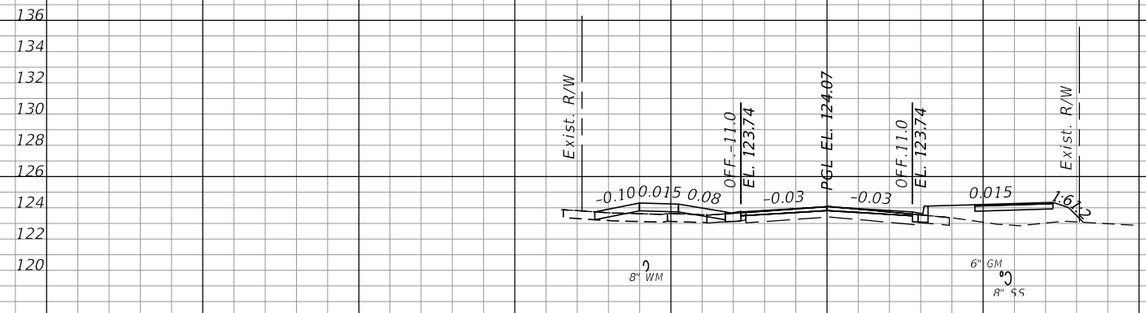

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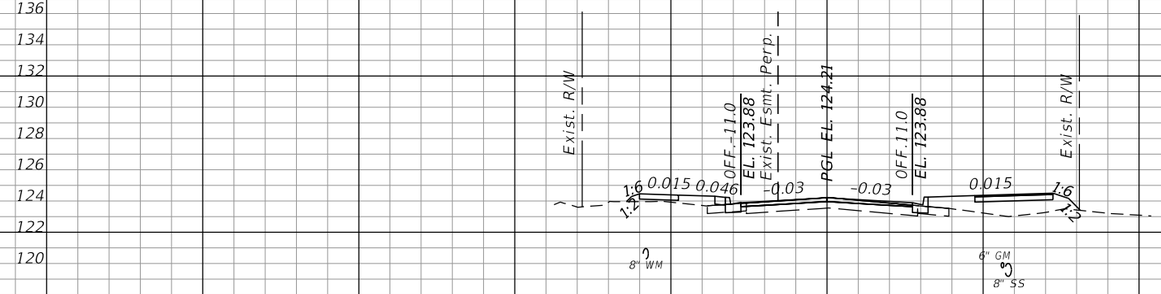

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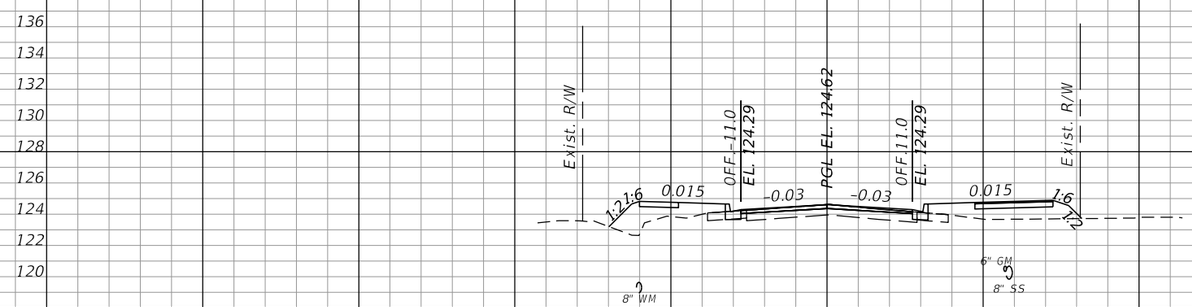

171+00.00

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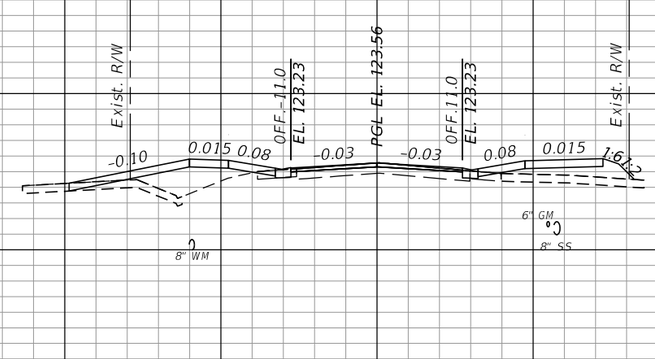

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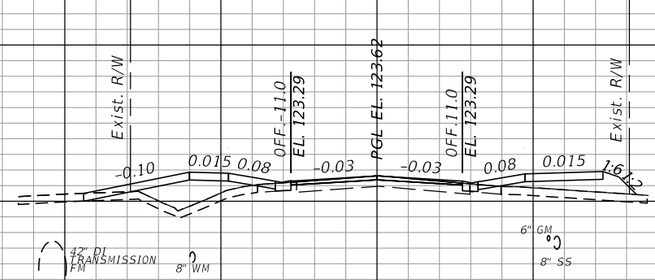

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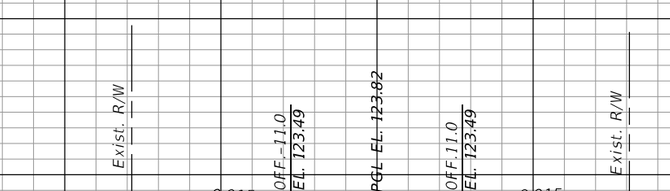

172+00.00

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

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
DATE: 5/11/2022
FIELD BOOK / PAGES:
DESIGNED BY: AW
CHECKED BY: JH
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1 S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 133

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11:31:59 AM
awelfle
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Regular Exc.		Embankment	
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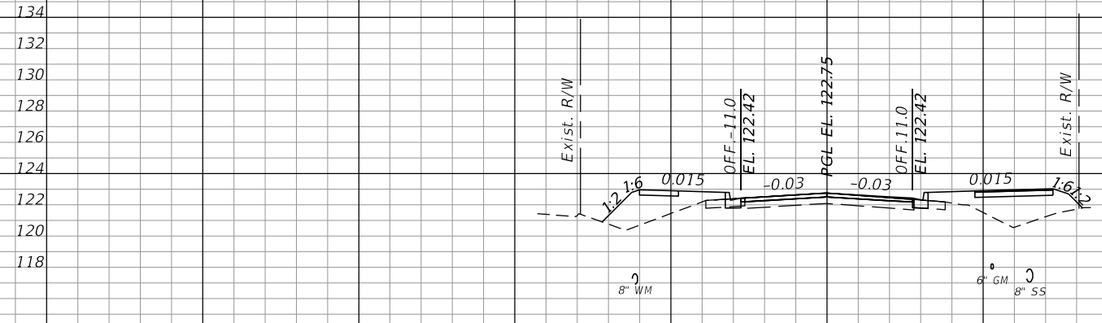

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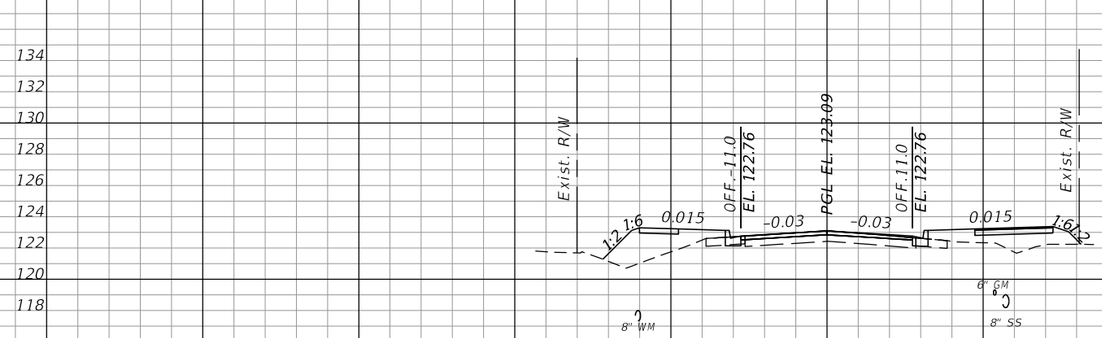
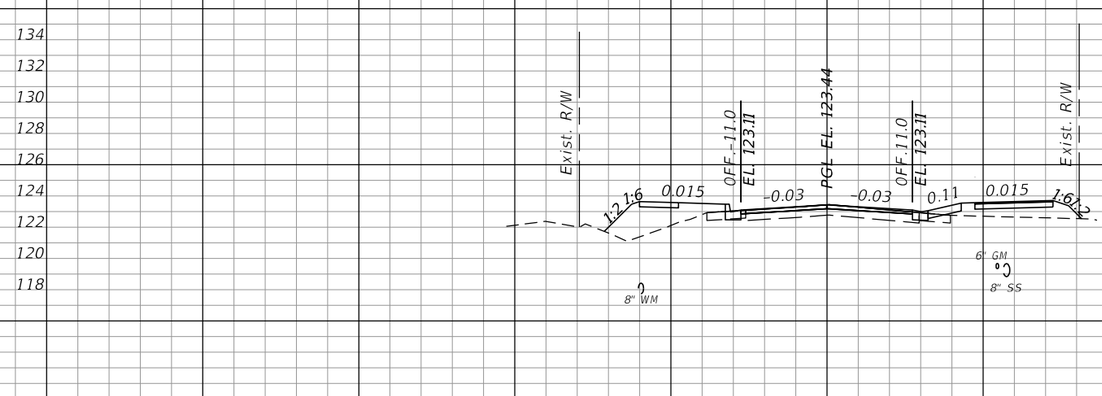


173+00.00



172+50.00

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FIELD BOOK / PAGES:	SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W		PHONE NUMBER: (850) 815-3040

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Regular Exc.		Embankment	
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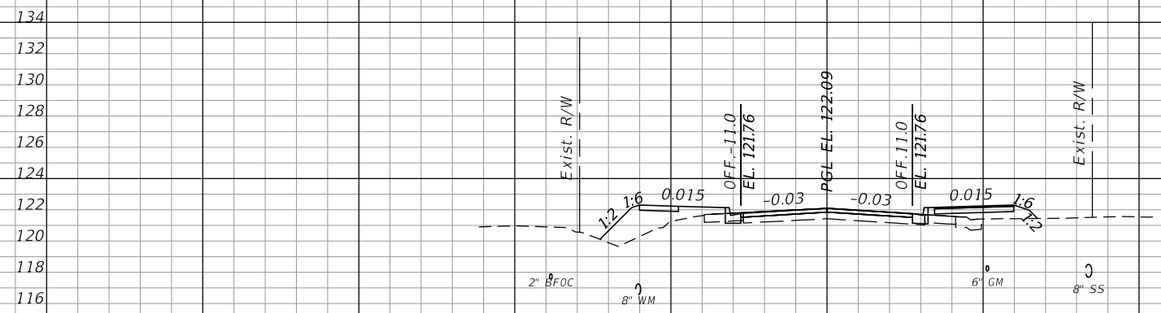

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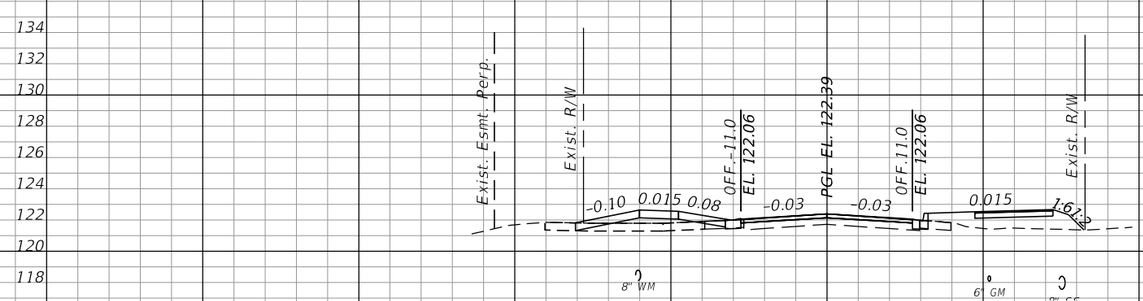

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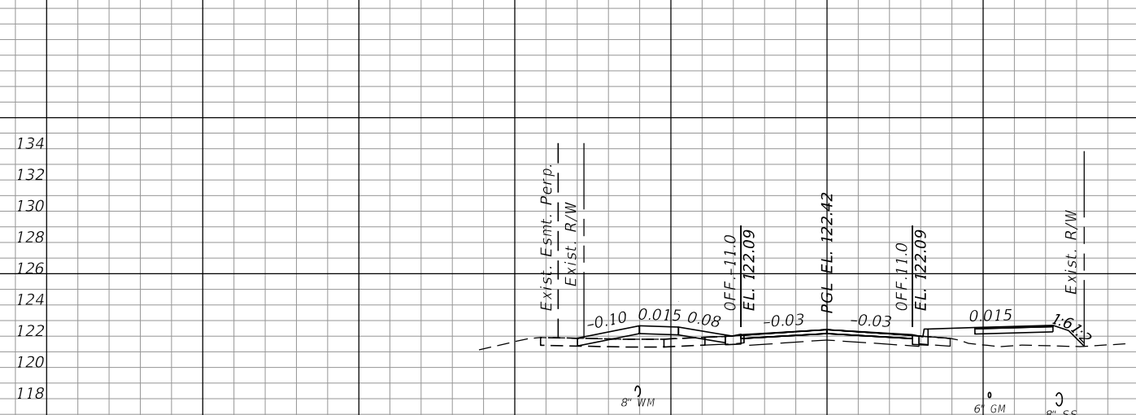

174+00.00

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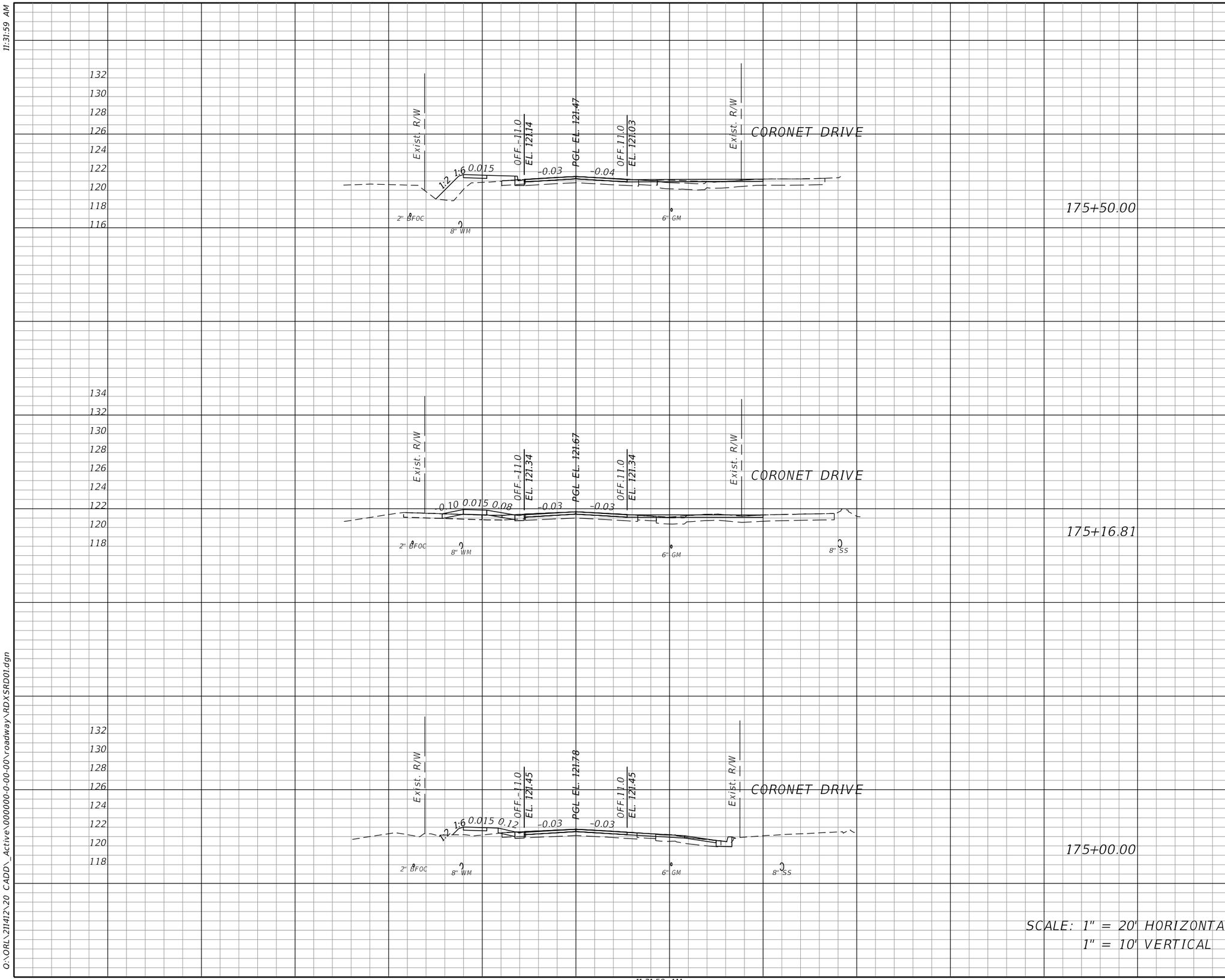

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Regular Exc.		Embankment	
A	V	A	V

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Regular Exc.		Embankment	
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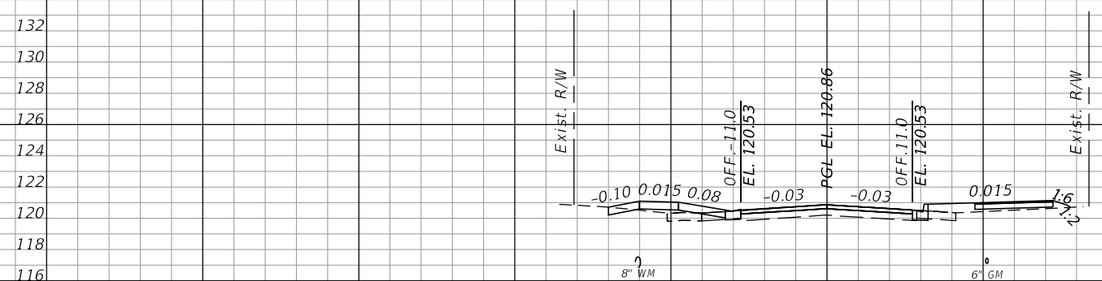

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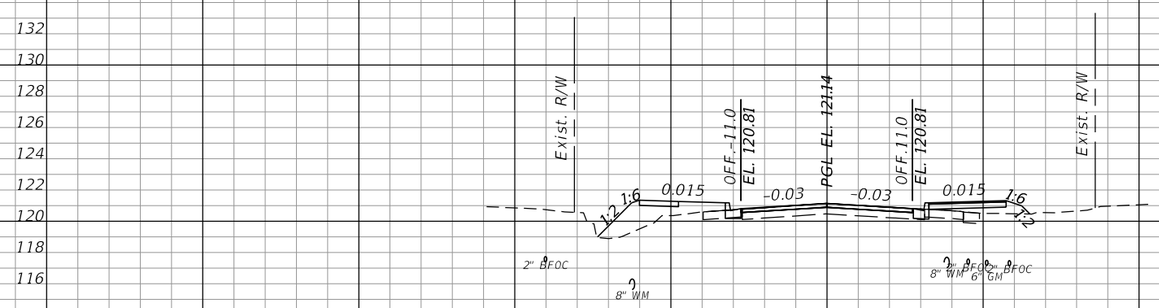

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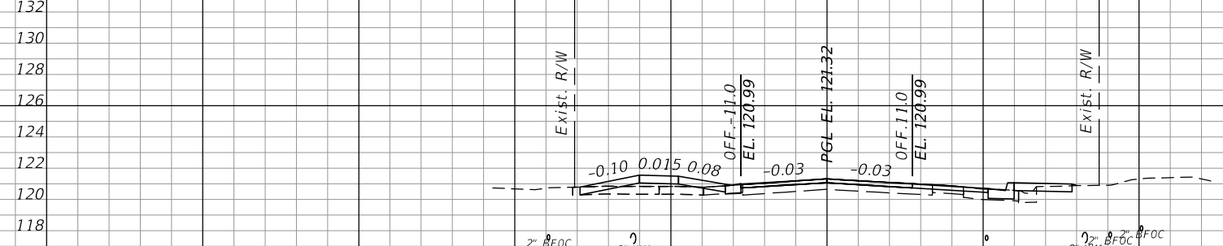

175+73.17

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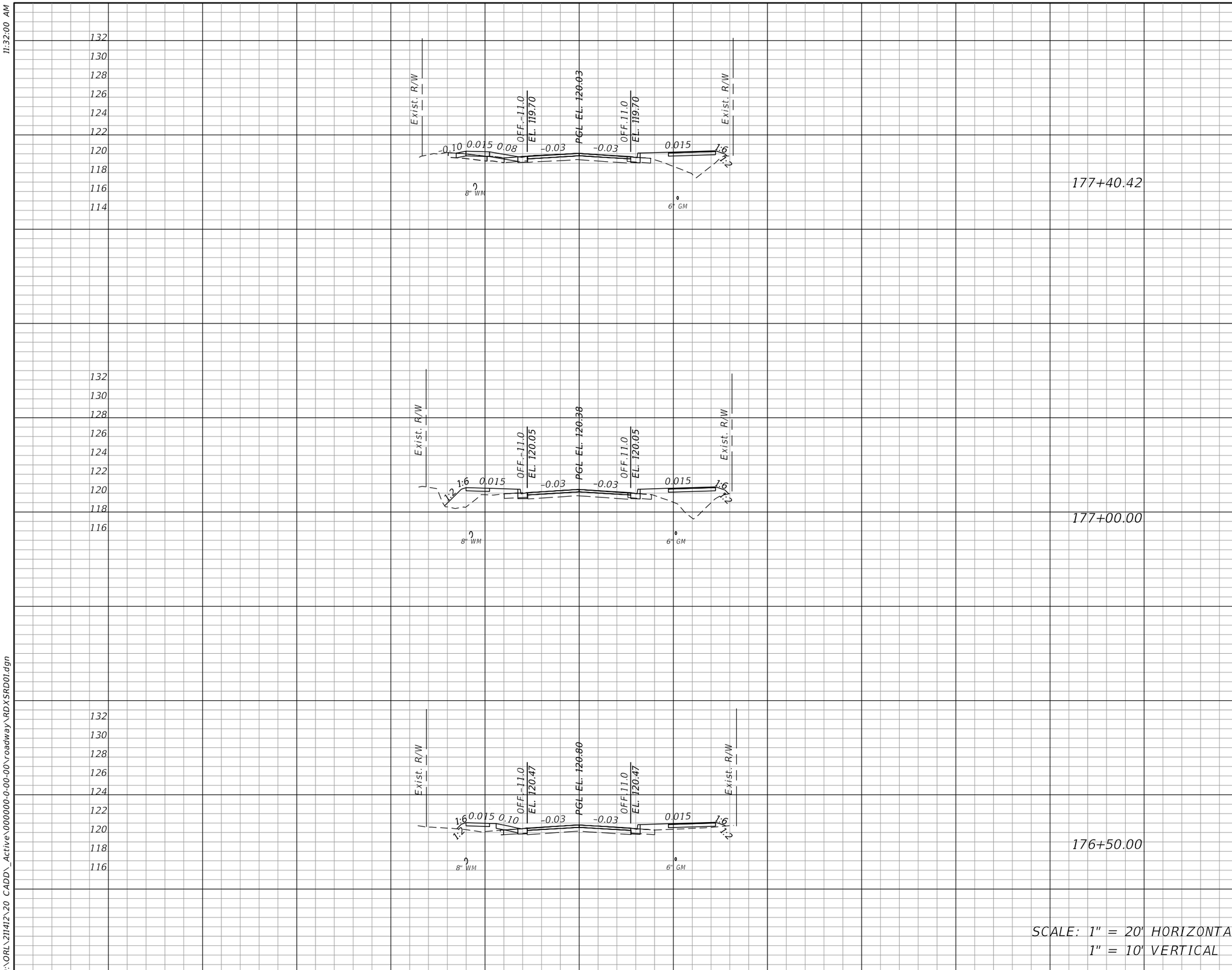

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Regular Exc.		Embankment	
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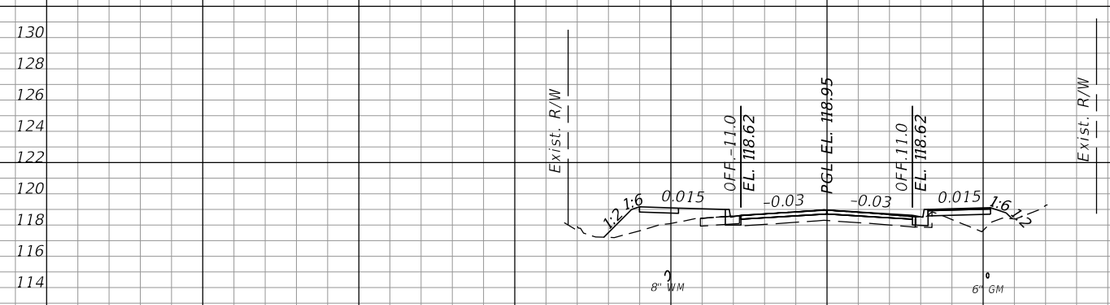

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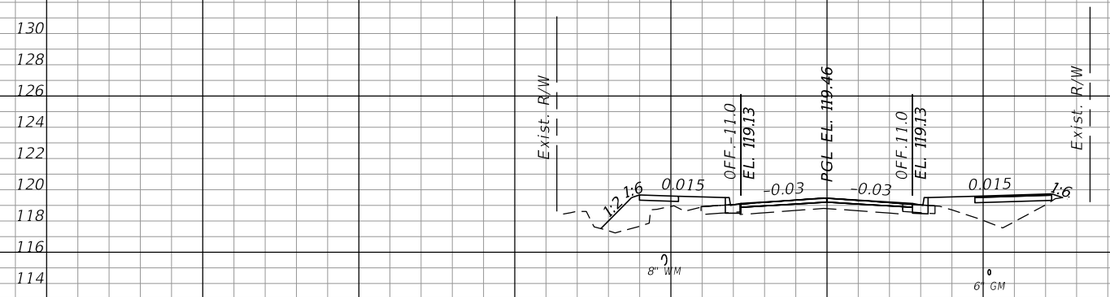

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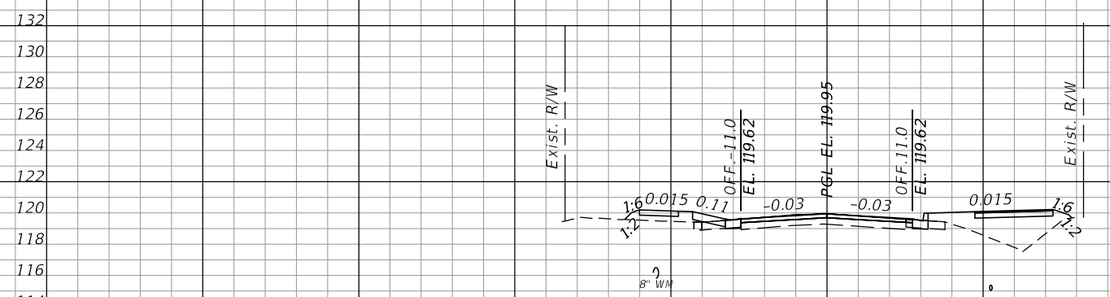

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SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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11:32:00 AM
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Regular Exc.		Embankment	
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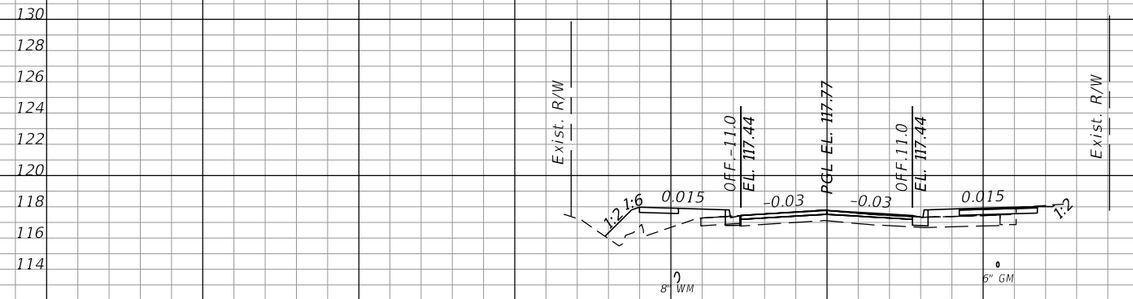

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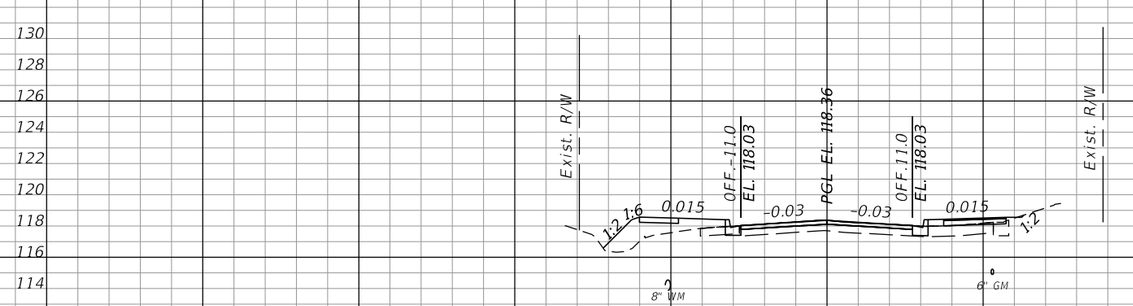

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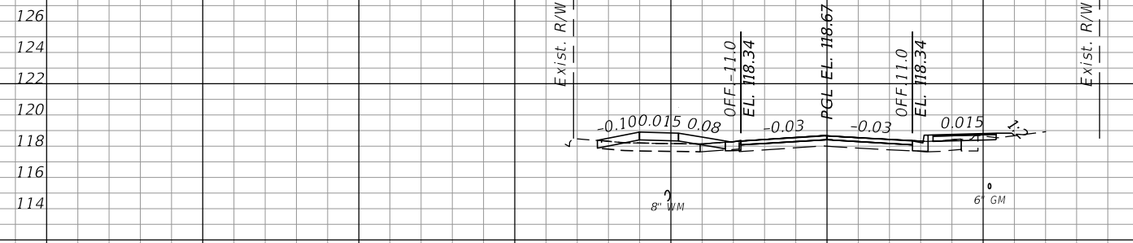

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SCALE: 1" = 20' HORIZONTAL
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Regular Exc.		Embankment	
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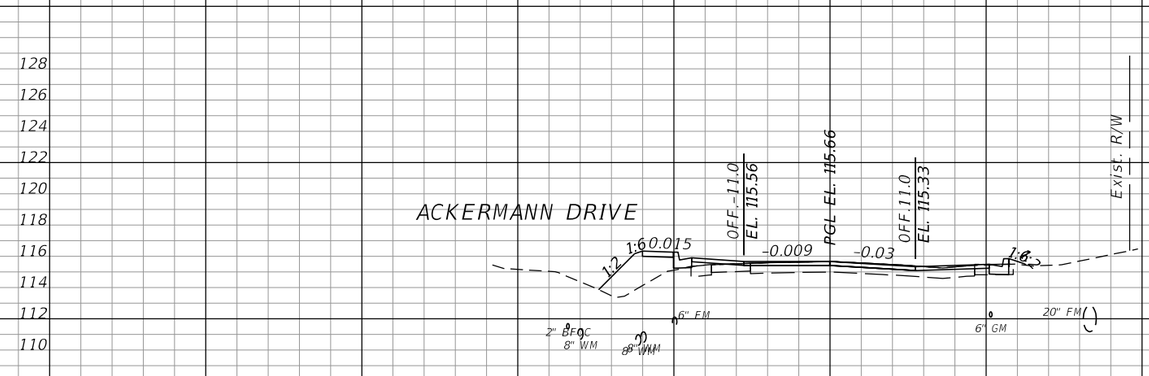

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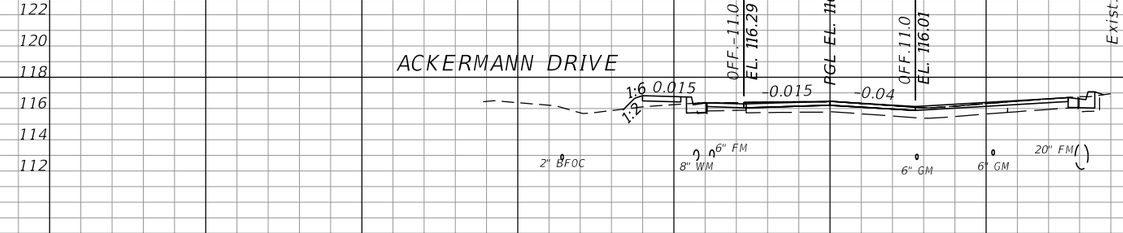

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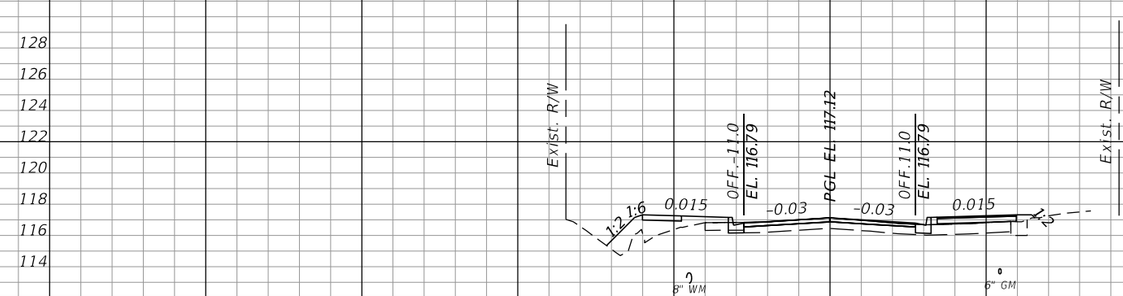

BEGIN SUPER-ELEVATION TRANSITION
STA. 180+00.00 (-0.03) (LT)

180+00.00

SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 141

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Regular Exc.		Embankment	
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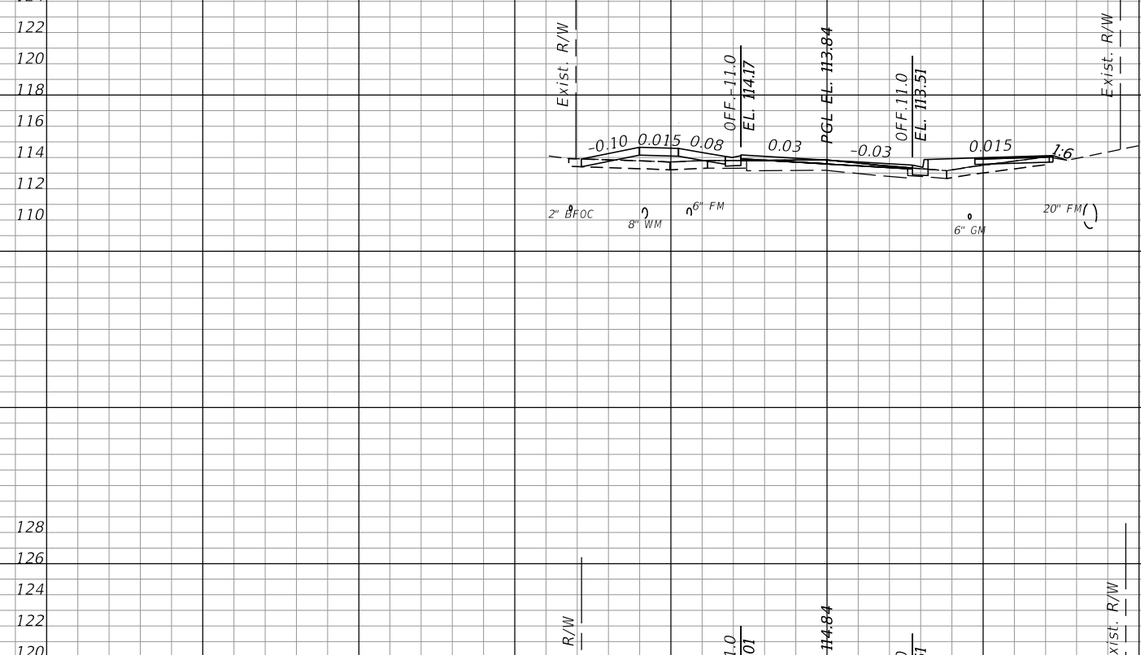

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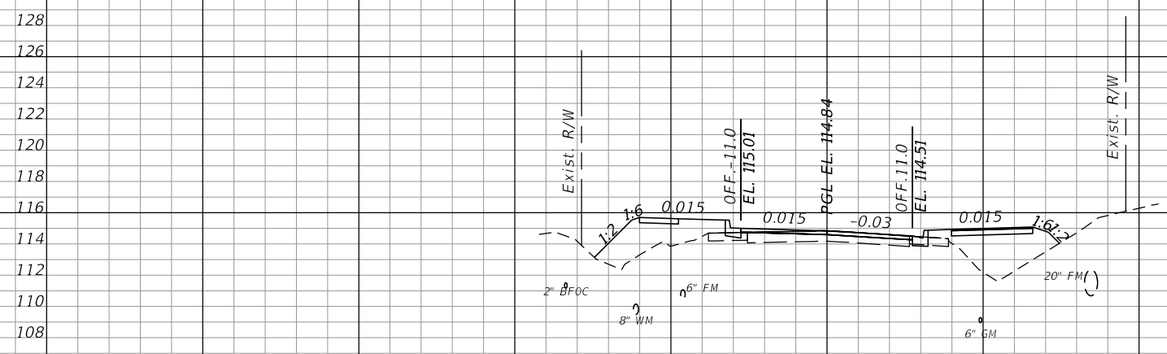

181+50.00

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OLIVE ROAD STREET IMPROVEMENT PROJECT

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Regular Exc.		Embankment	
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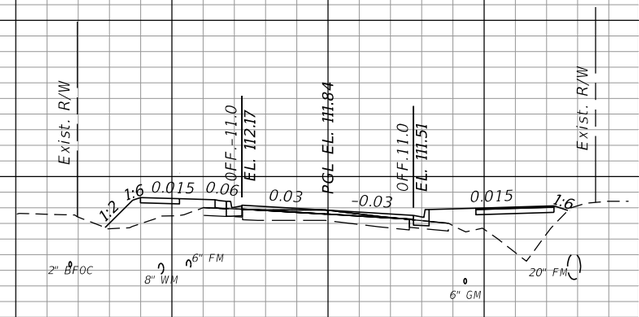

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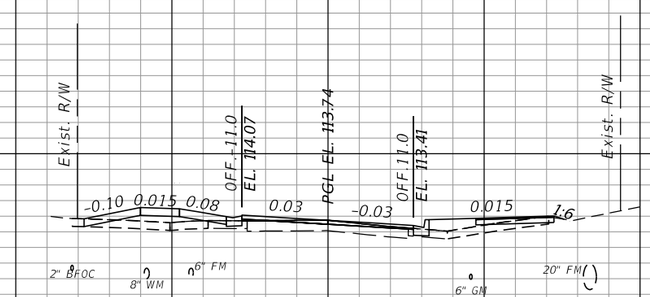

182+04.99

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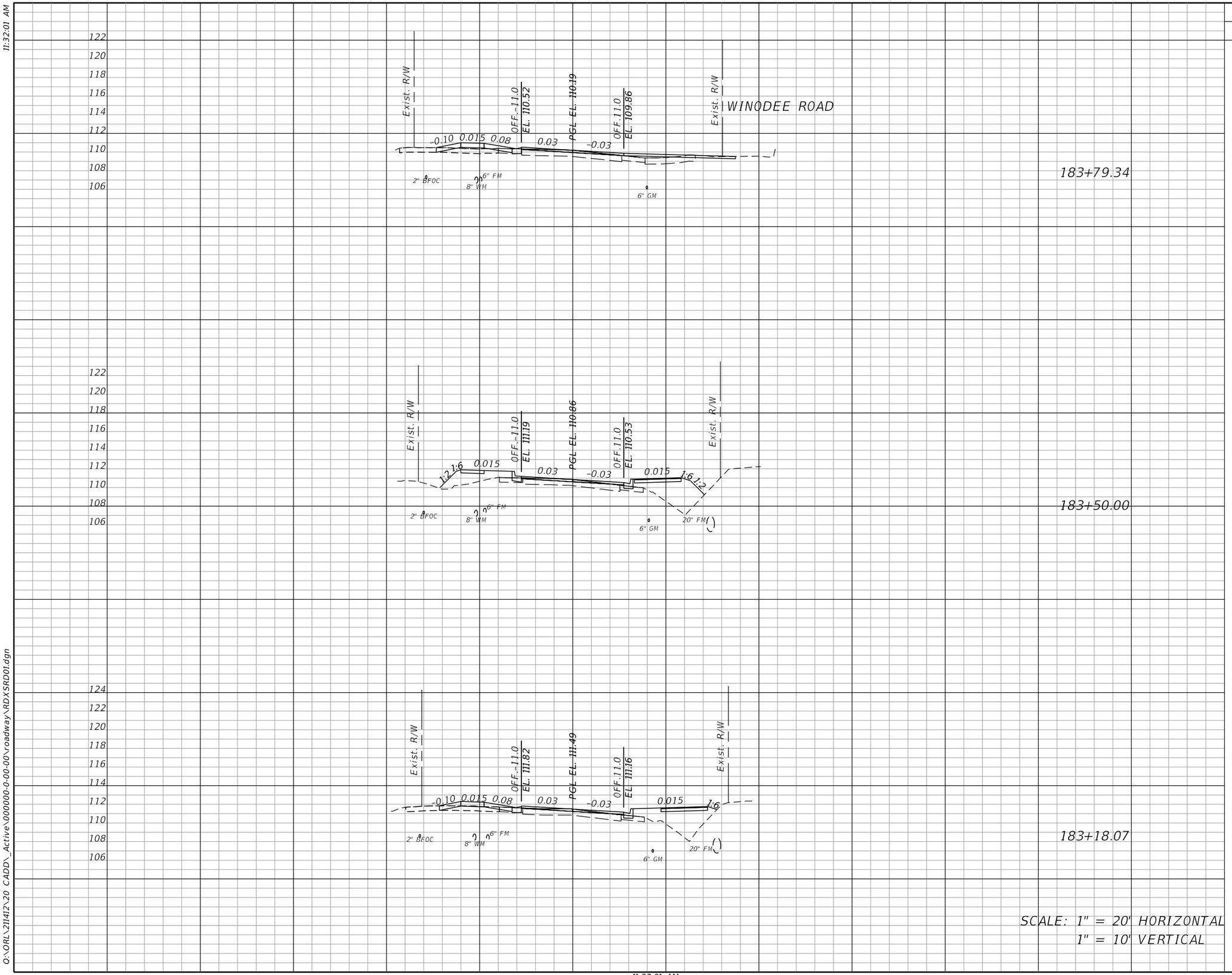

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FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 144

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11:32:01 AM

awelfle
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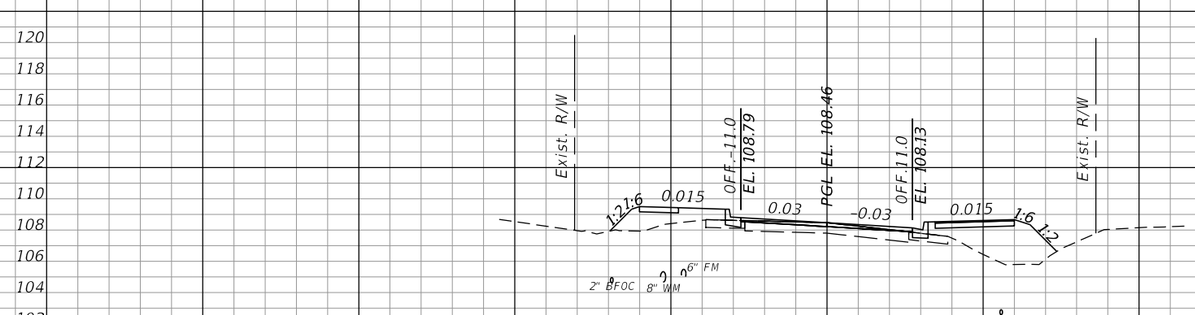
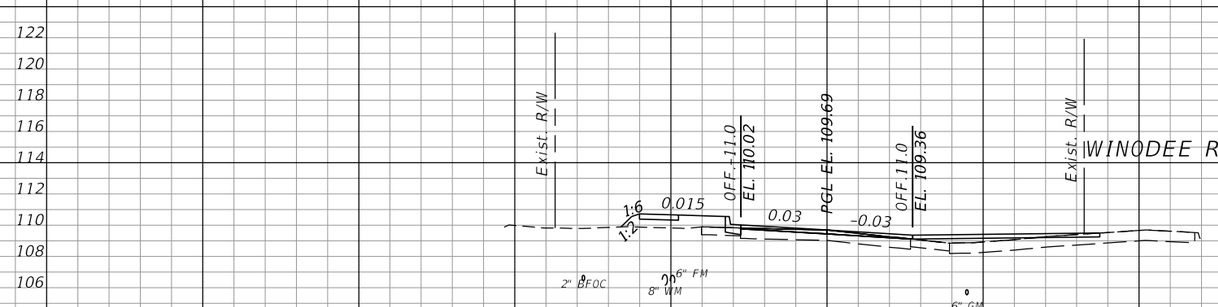
11:32:01 AM

Regular Exc.		Embankment	
A	V	A	V



184+50.00

184+18.18



184+00.00

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

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 5 & 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 145

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11:32:02 AM

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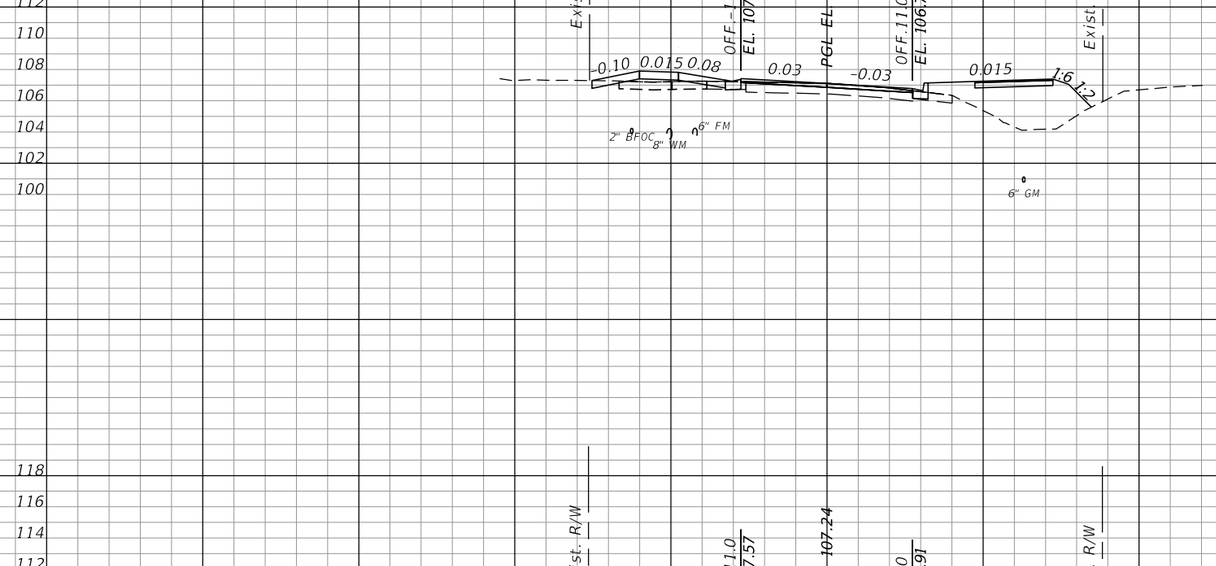
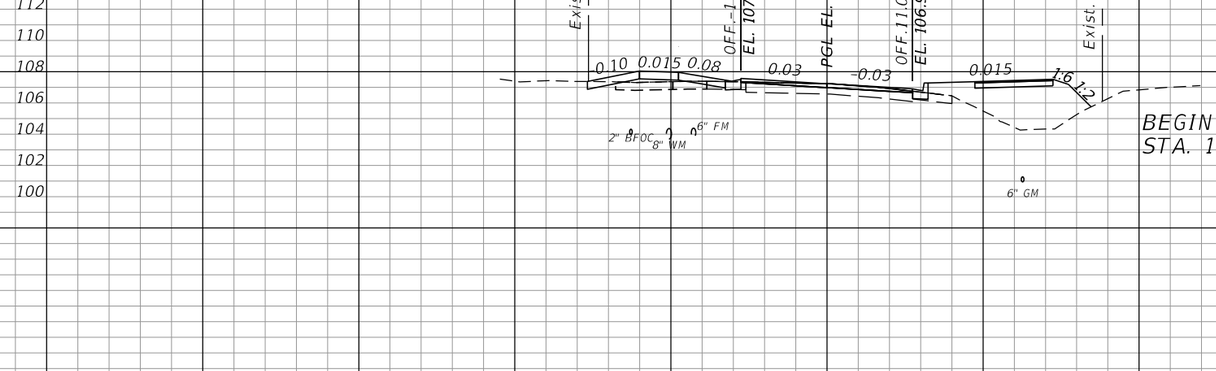
Regular Exc.		Embankment	
A	V	A	V



185+00.00



BEGIN SUPER-ELEVATION TRANSITION
STA. 184+95.00 (0.03) (LT)

184+95.21

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

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
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SHEET 146

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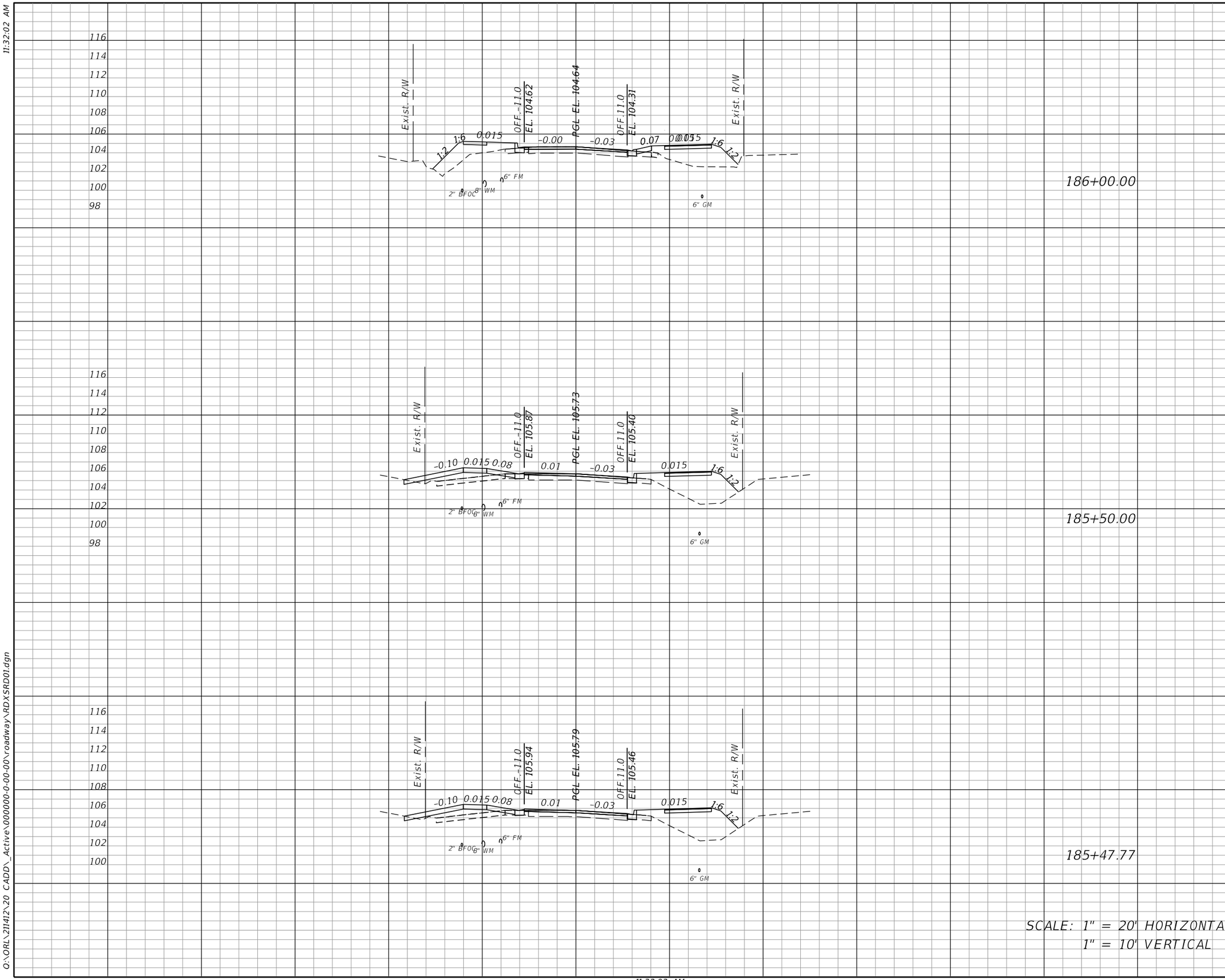

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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

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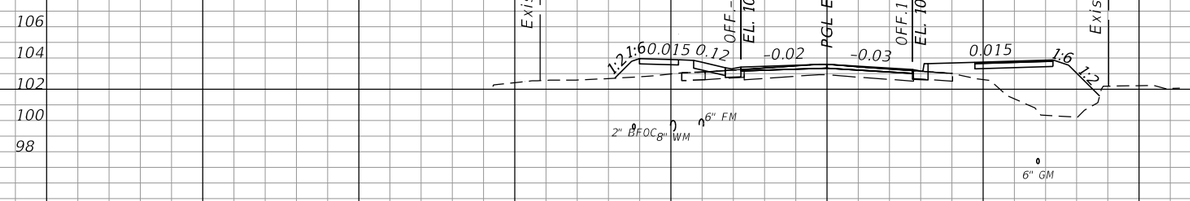
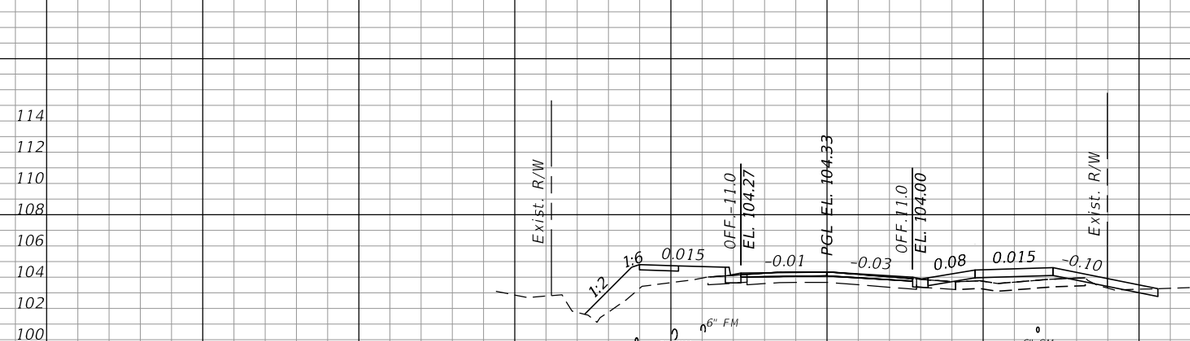
Regular Exc.		Embankment	
A	V	A	V



186+50.00



186+14.70

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

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGE(S):
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

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SHEET 148

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awelfle
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Regular Exc.		Embankment	
A	V	A	V

187+00.00

END SUPER-ELEVATION TRANSITION
STA. 186+95.00 (-0.03) (LT)

186+65.91

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

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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SHEET 149

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Regular Exc.		Embankment	
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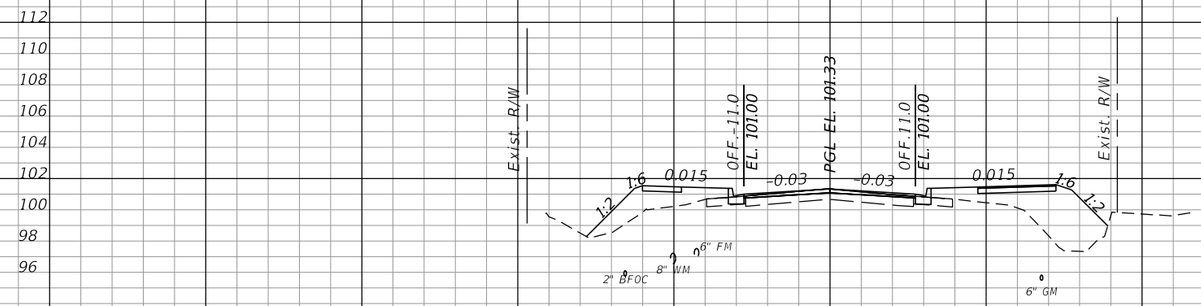
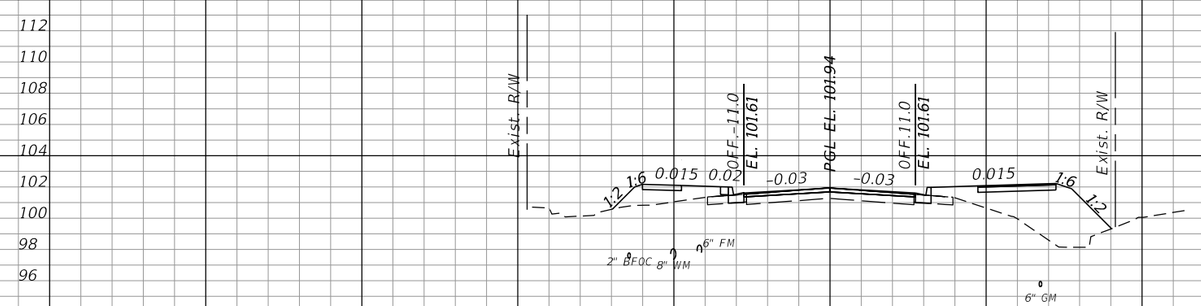


188+00.00

187+68.98



187+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY • FLORIDA

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

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DESIGNED BY: AW

CHECKED BY: JH

DATE: 5/11/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

FIELD BOOK / PAGES:

SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S, 30W

NUMBER | REVISIONS | DATE | APPROVED BY

SHEET 150

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Regular Exc.		Embankment	
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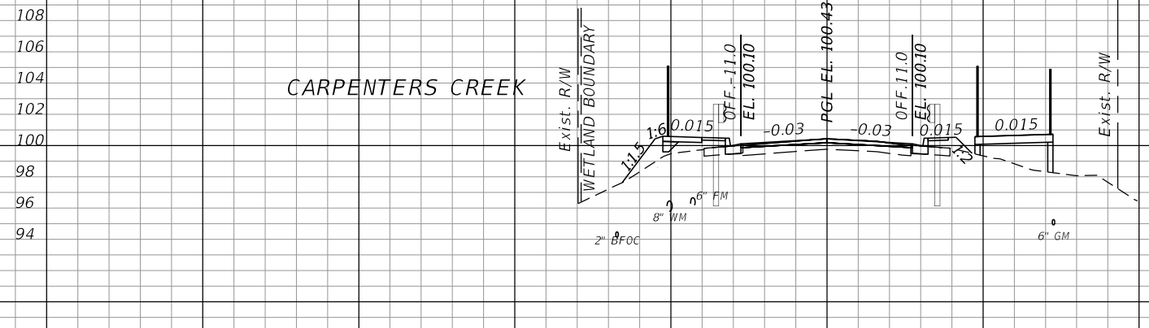

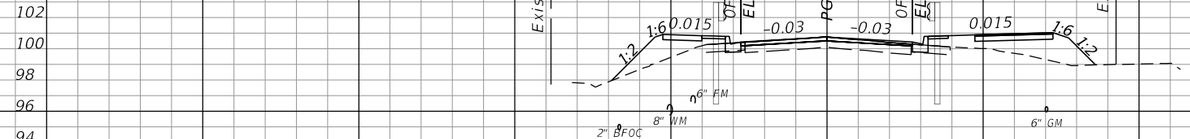

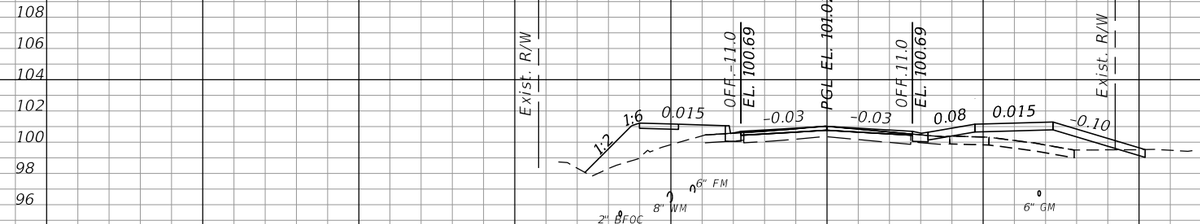

SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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

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SHEET 151

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Regular Exc.		Embankment	
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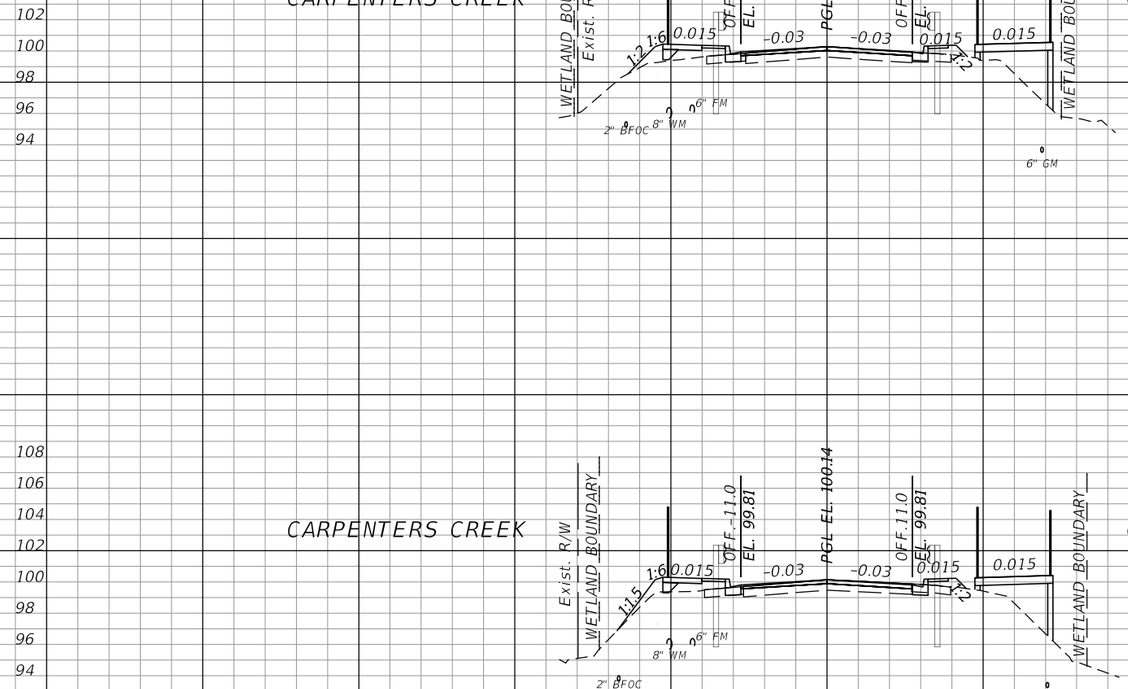

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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

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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

SHEET 152

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11:32:03 AM

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Regular Exc.		Embankment	
A	V	A	V

118
116
114
112
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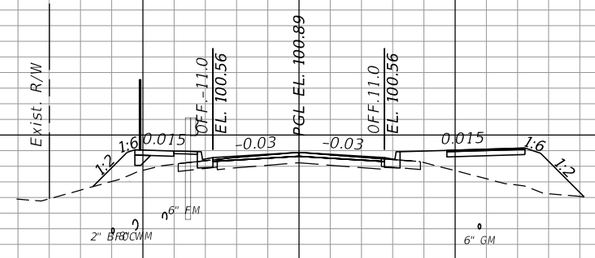
108
106
104
102
100
98
96

END GUARDRAIL (LT)
191+10.75



191+00.00

116
114
112
110
108
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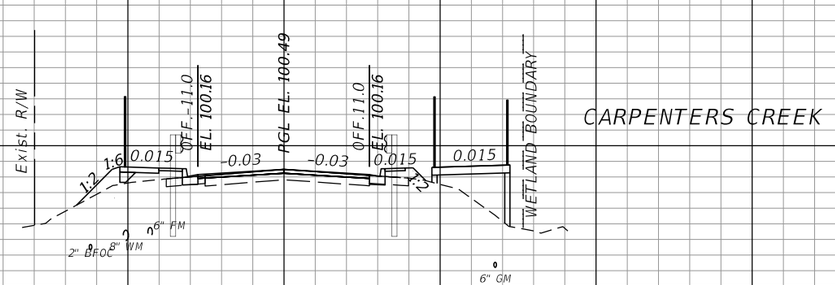
96
94

END GUARDRAIL (RT)
190+99.75

END BOARDWALK (RT)
STA. 190+90.00



190+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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REG. FLA. ENG. NO.: 86552
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SHEET 153

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Regular Exc.		Embankment	
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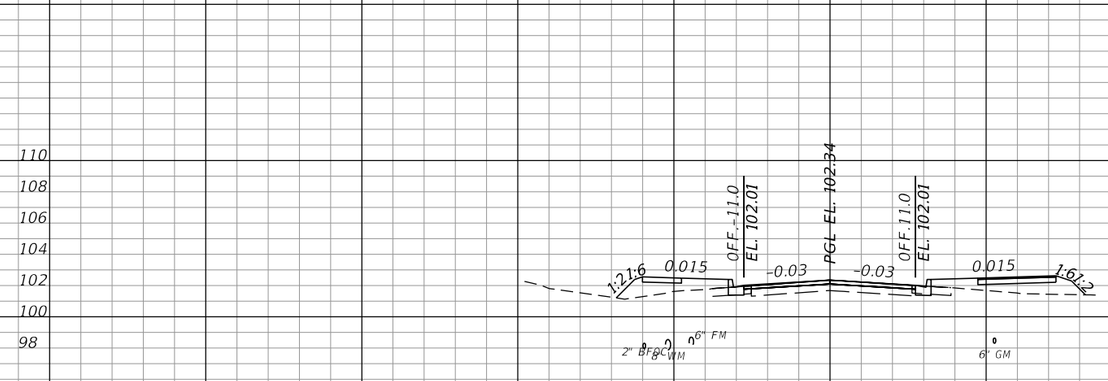
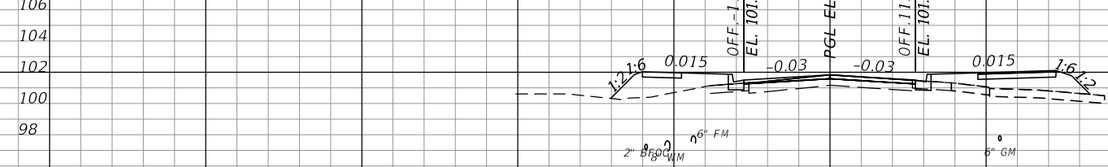


POND 1

192+50.00



POND 1

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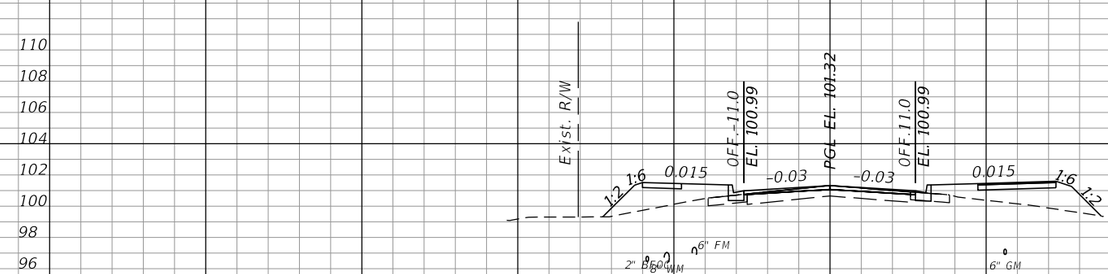

POND 1

WETLAND BOUNDARY

191+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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	Regular Exc.		Embankment	
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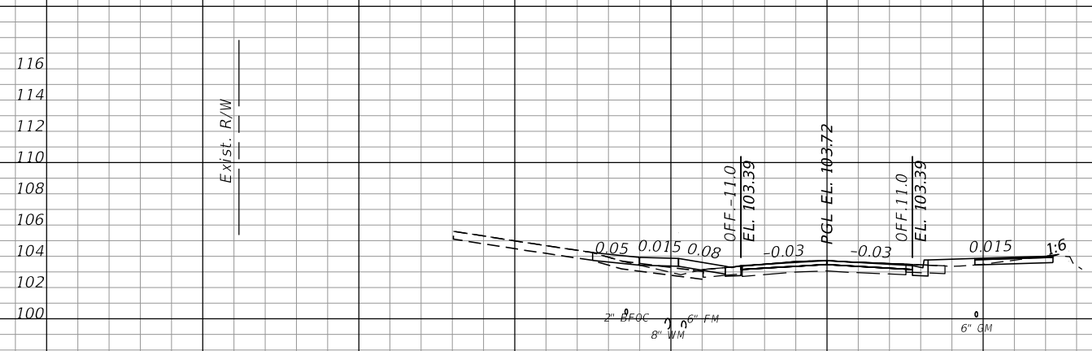

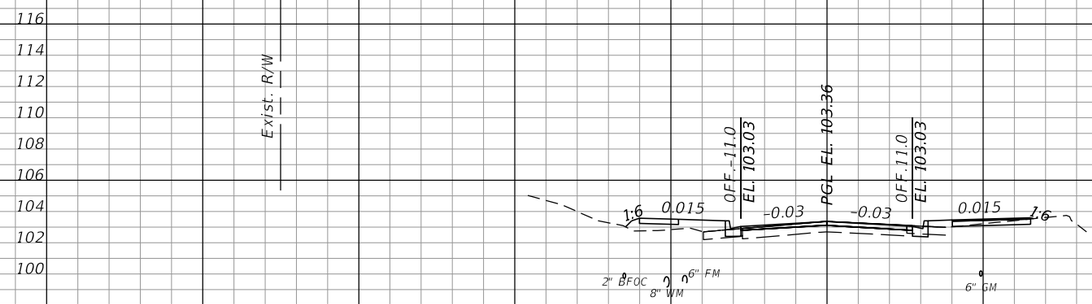

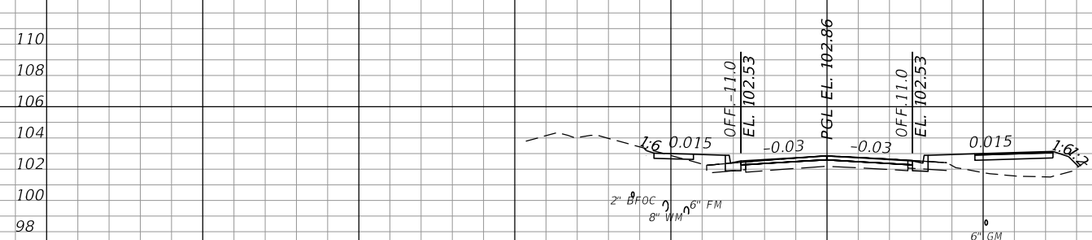

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 155

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Regular Exc.		Embankment	
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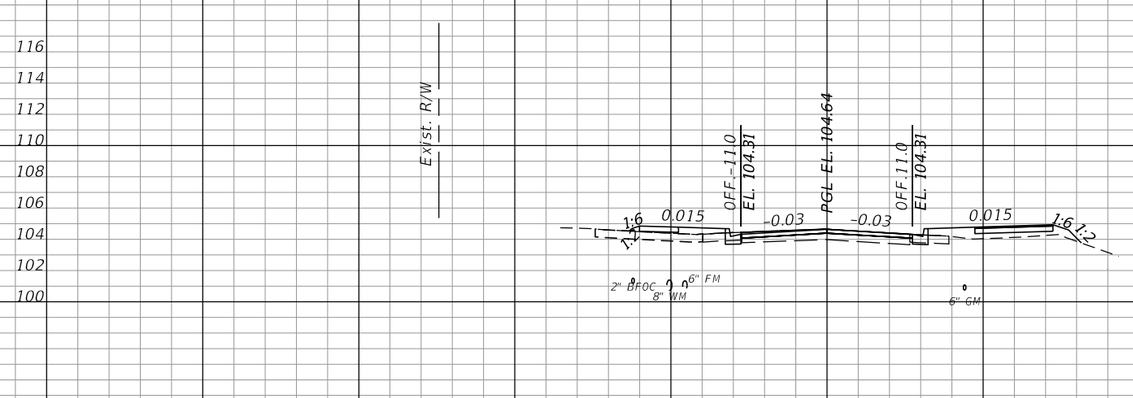
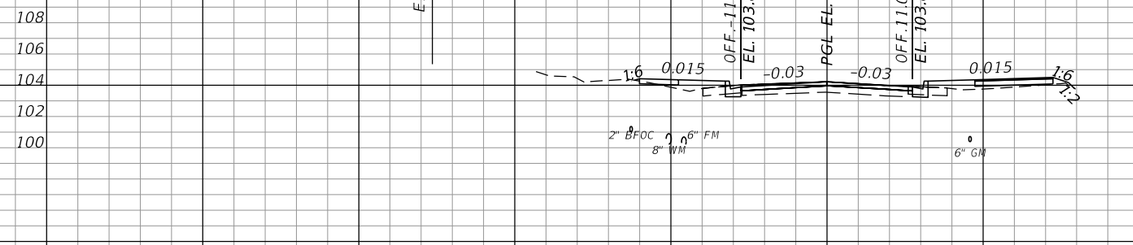
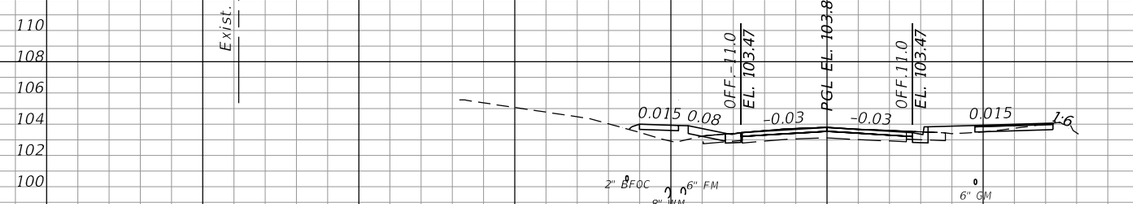


195+00.00



194+50.00



194+00.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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FIELD BOOK / PAGE(S):		SECTION - TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W	

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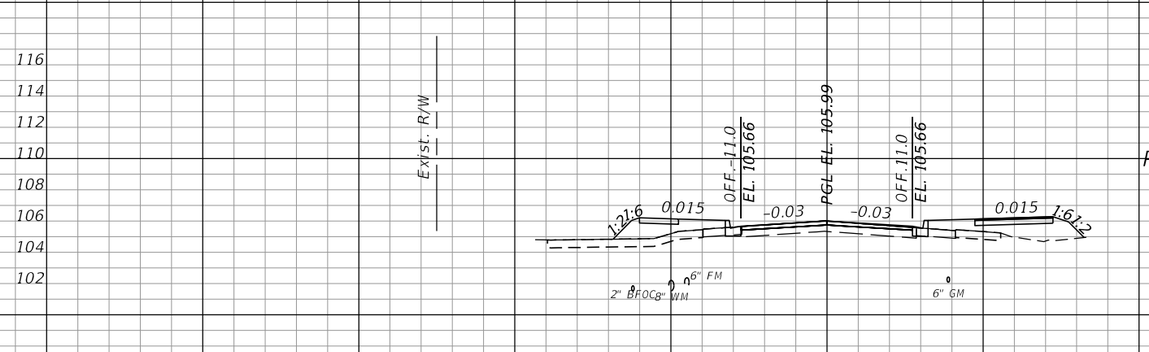
Regular Exc.		Embankment	
A	V	A	V



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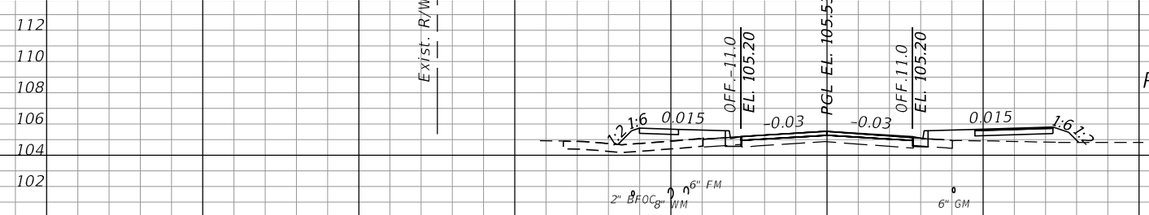

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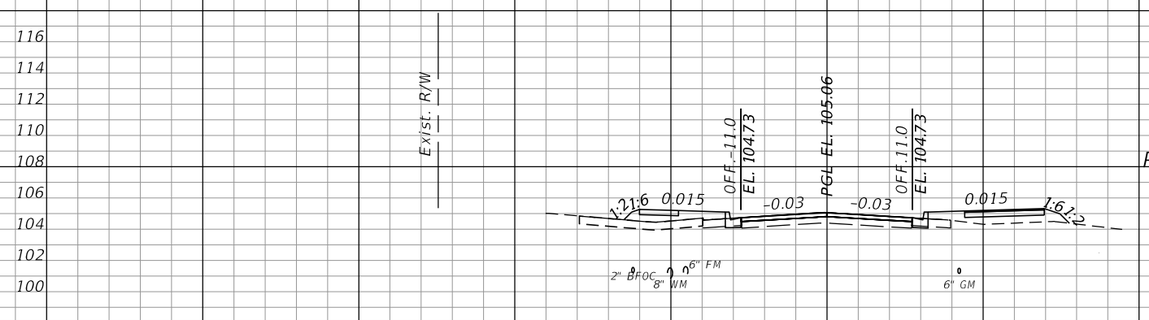

195+50.00

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

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 5 & 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 157

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	Regular Exc.		Embankment	
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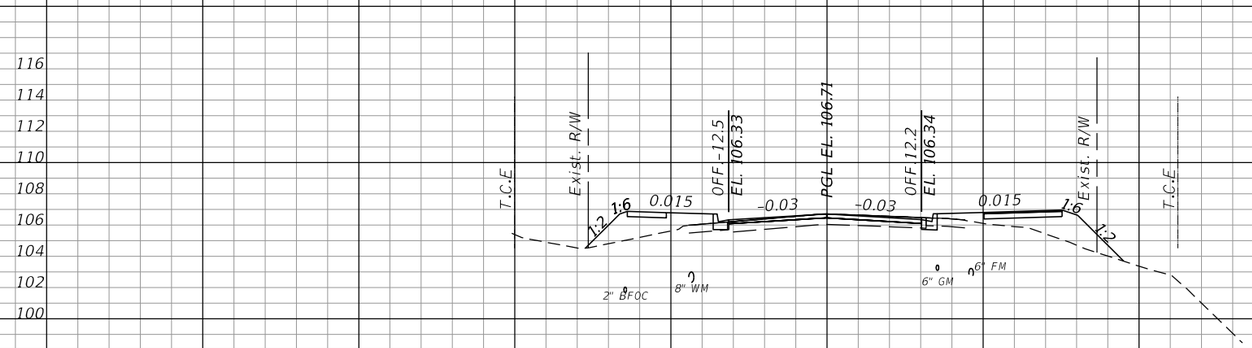

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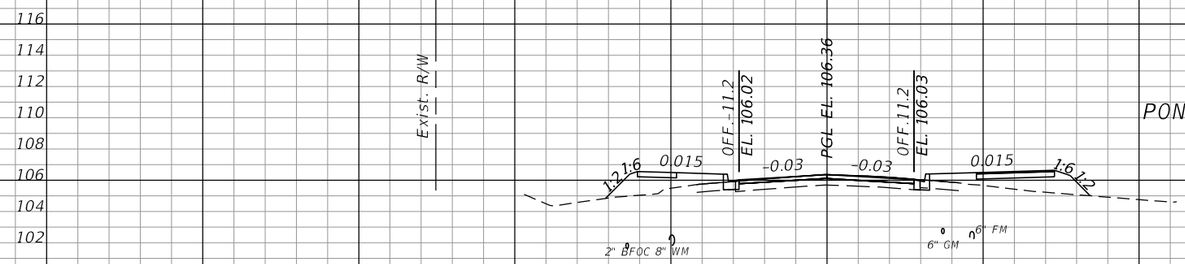

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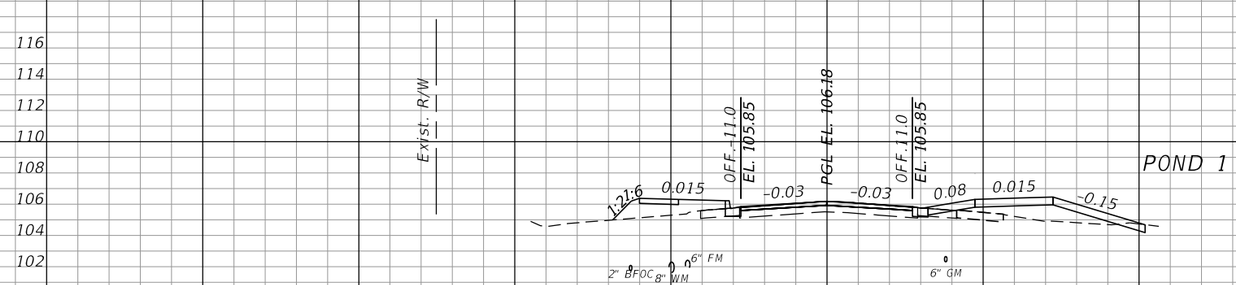

196+73.84

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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Regular Exc.		Embankment	
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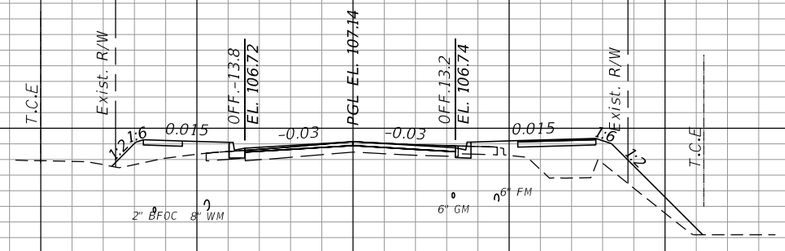
198+50.00



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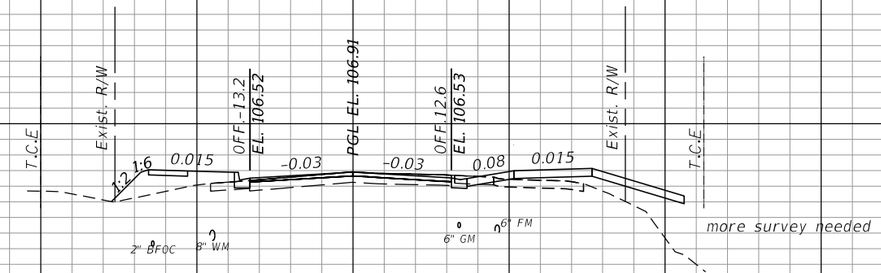

197+74.26

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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Regular Exc.		Embankment	
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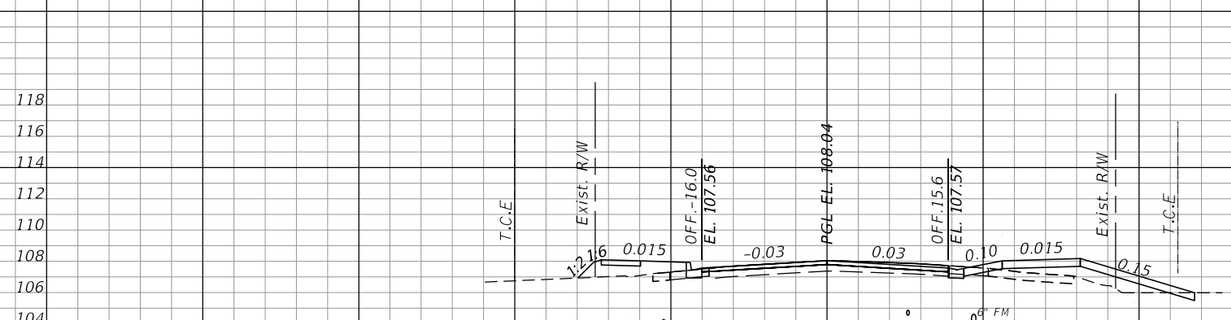

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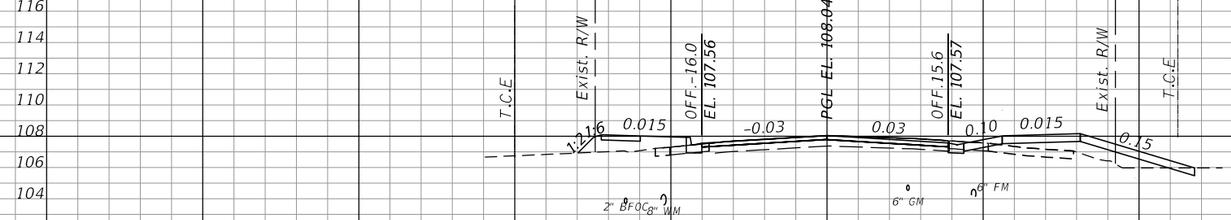

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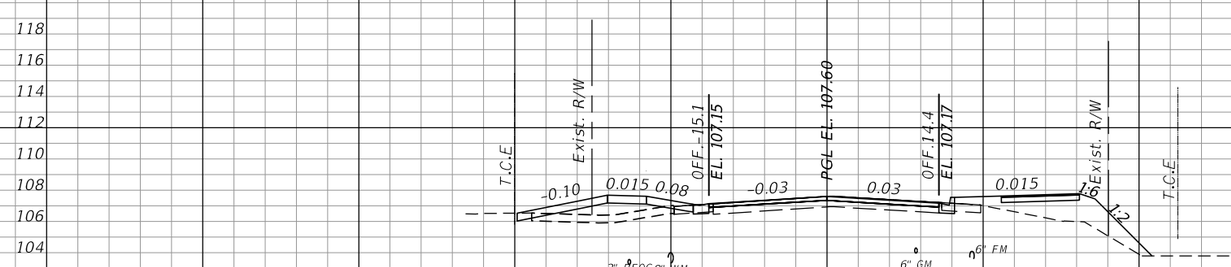

198+54.45

SCALE: 1" = 20' HORIZONTAL
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SHEET 160

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Regular Exc.		Embankment	
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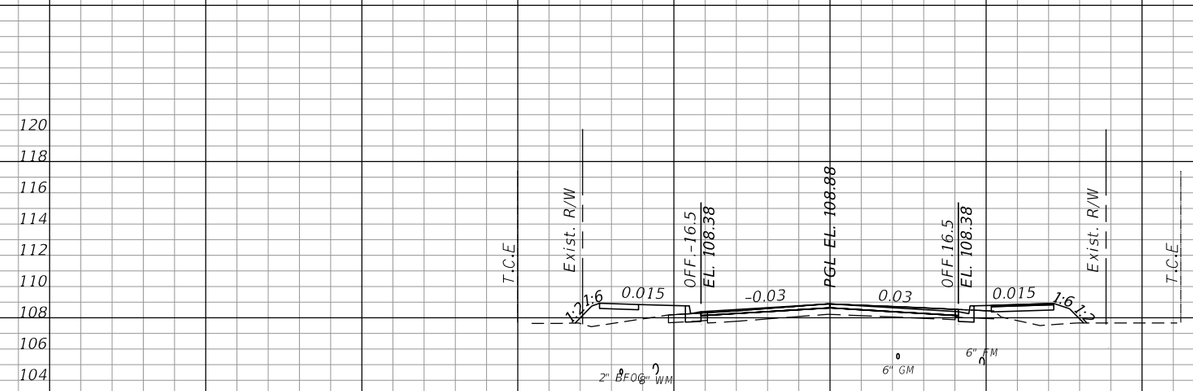

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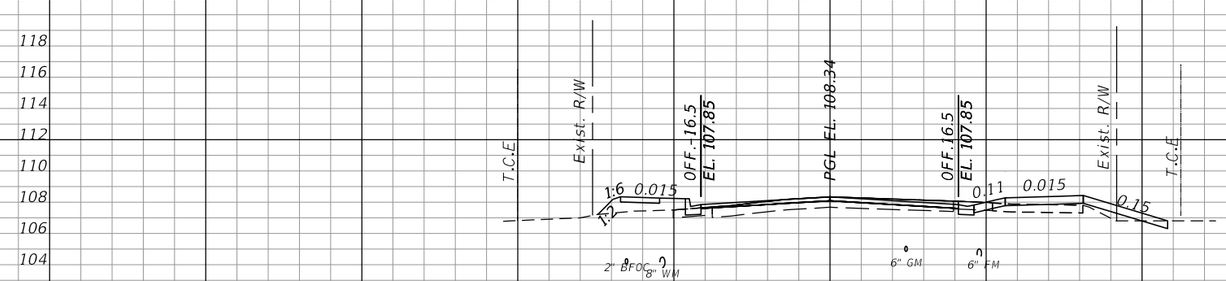

199+32.05

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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Regular Exc.		Embankment	
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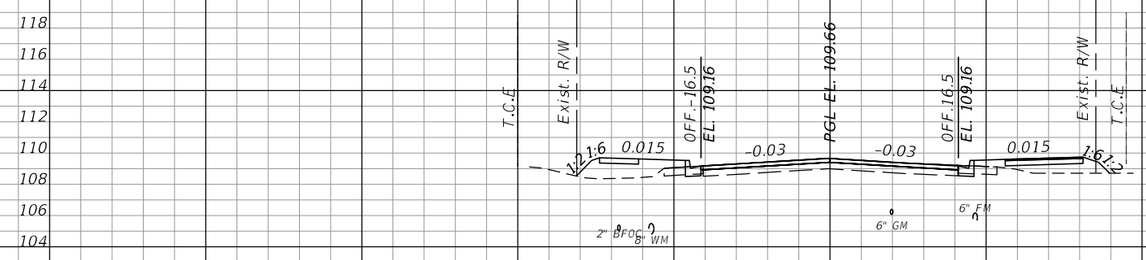

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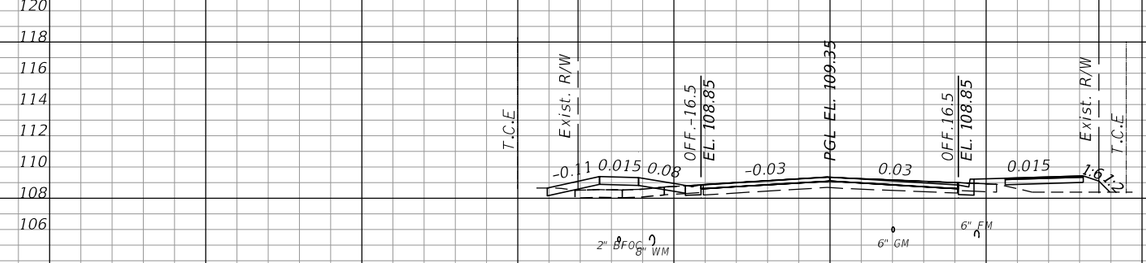

200+64.47

200+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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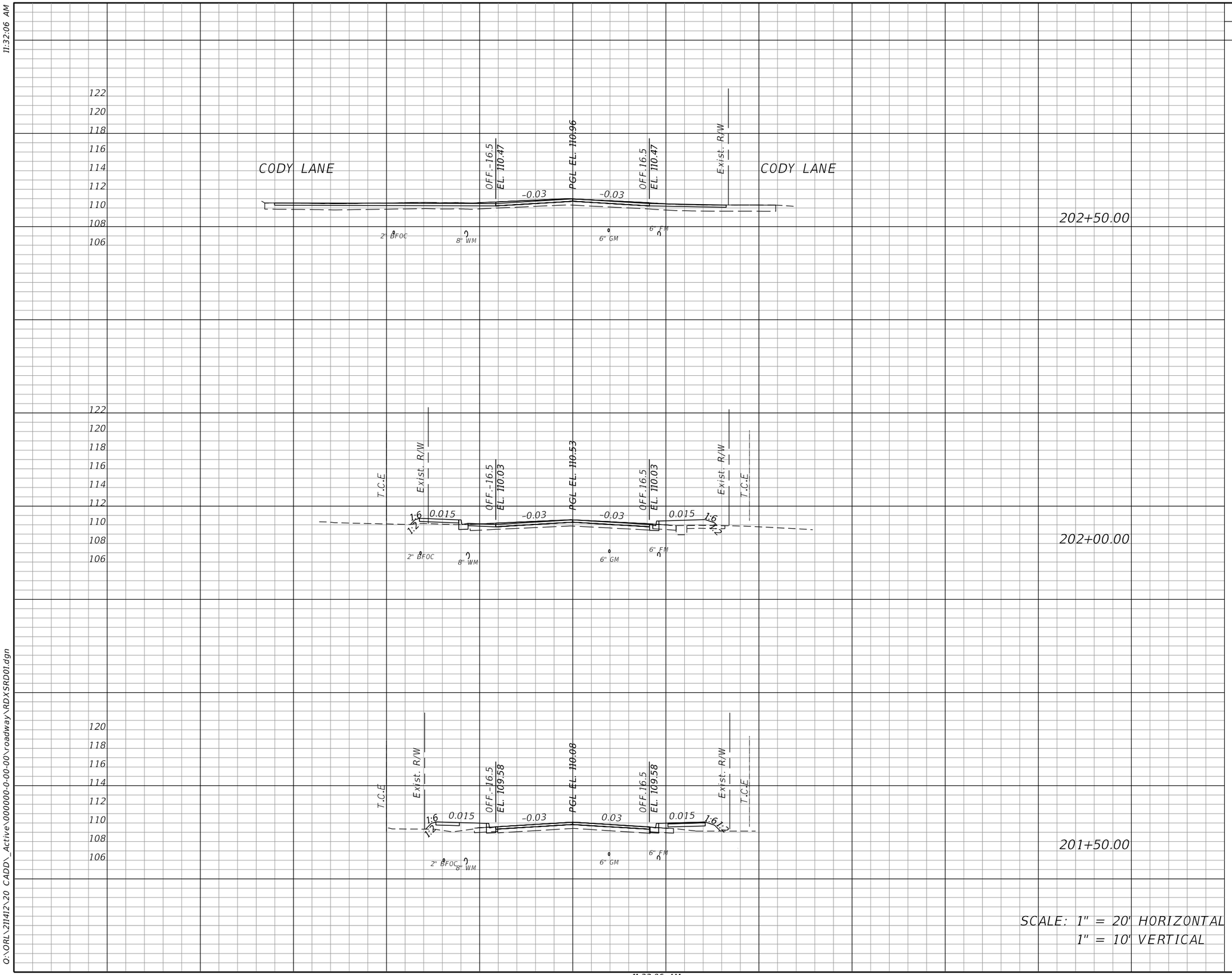

SCALE: 1" = 20' HORIZONTAL
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Regular Exc.		Embankment	
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

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SHEET 163

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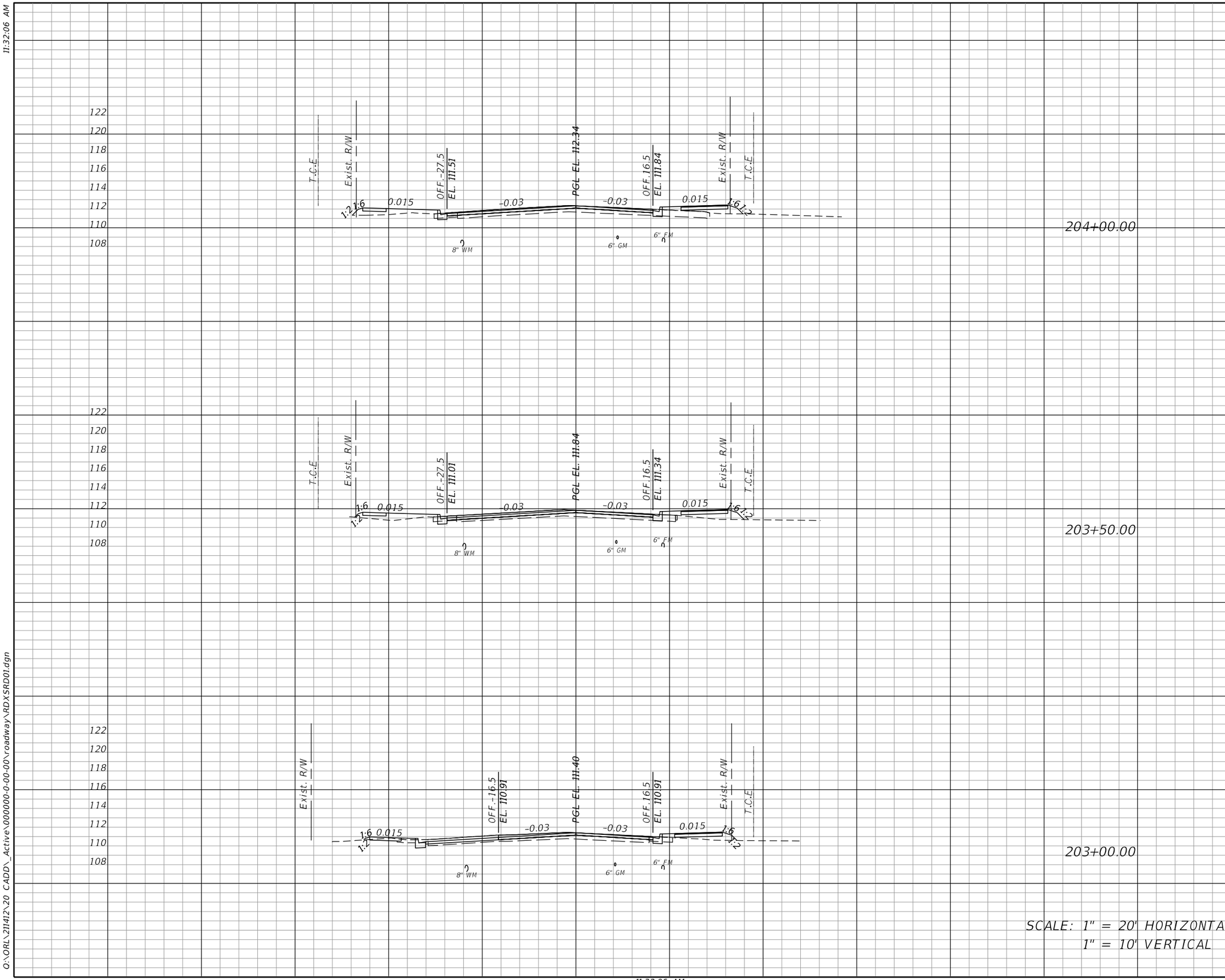

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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	Regular Exc.		Embankment	
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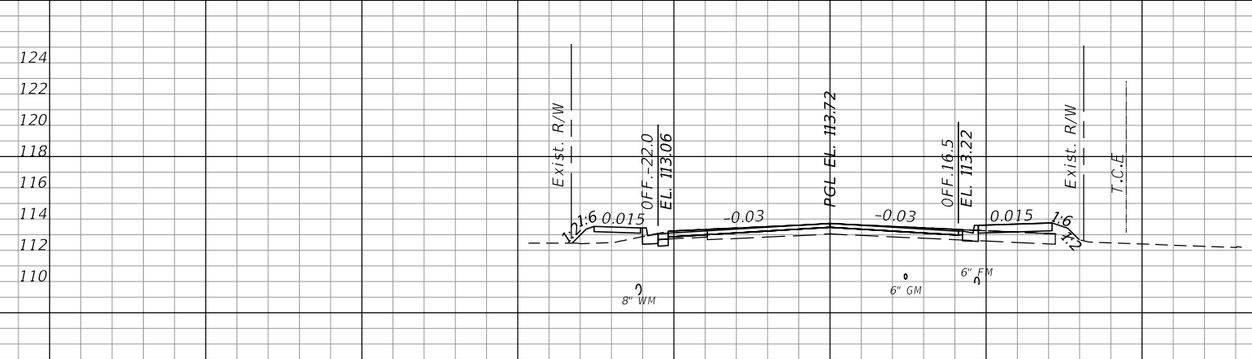

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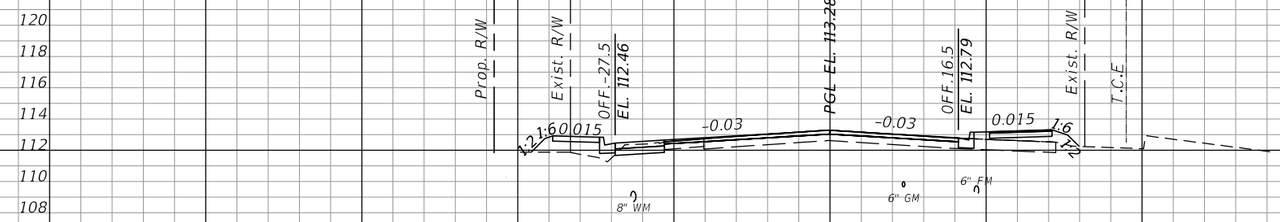

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204+50.00

SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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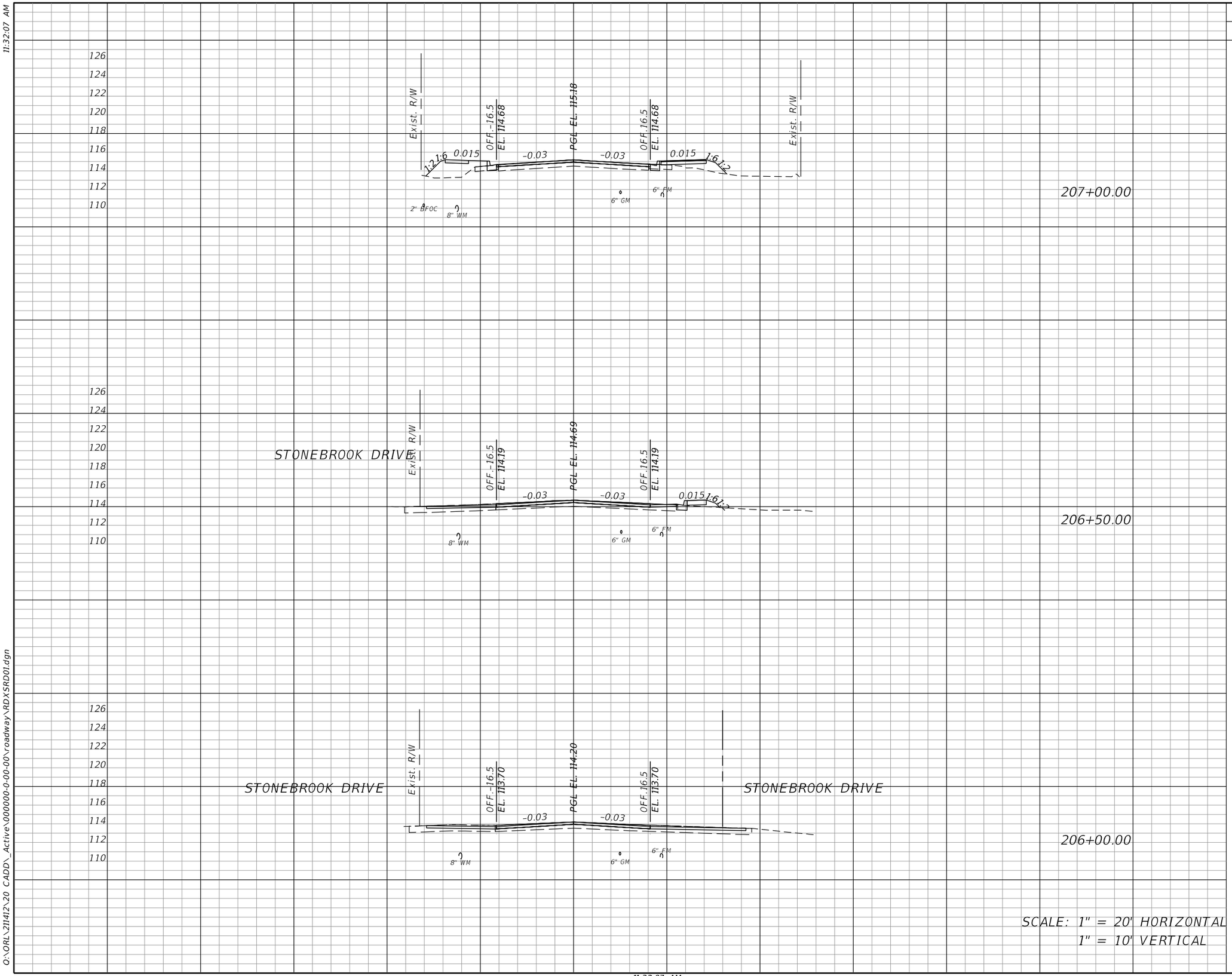

Regular Exc.		Embankment	
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OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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REG. FLA. ENG. NO.: 86552

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DESIGNED BY: AW

CHECKED BY: JH

DATE: 5/11/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

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SHEET 166

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11:32:07 AM

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Regular Exc.		Embankment	
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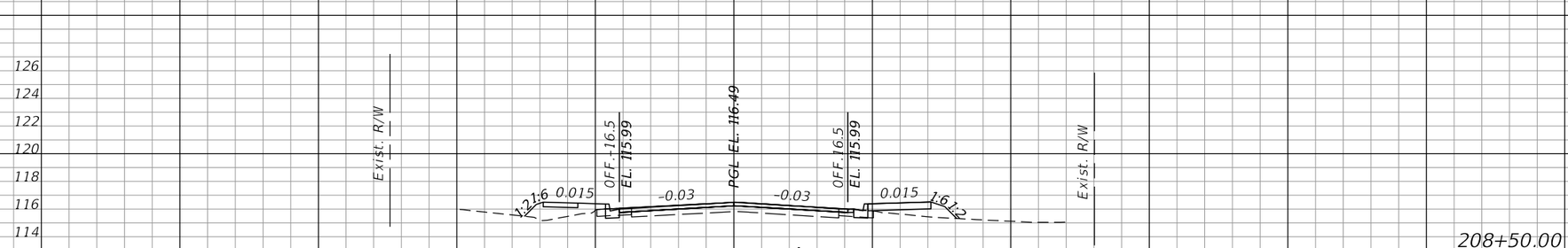

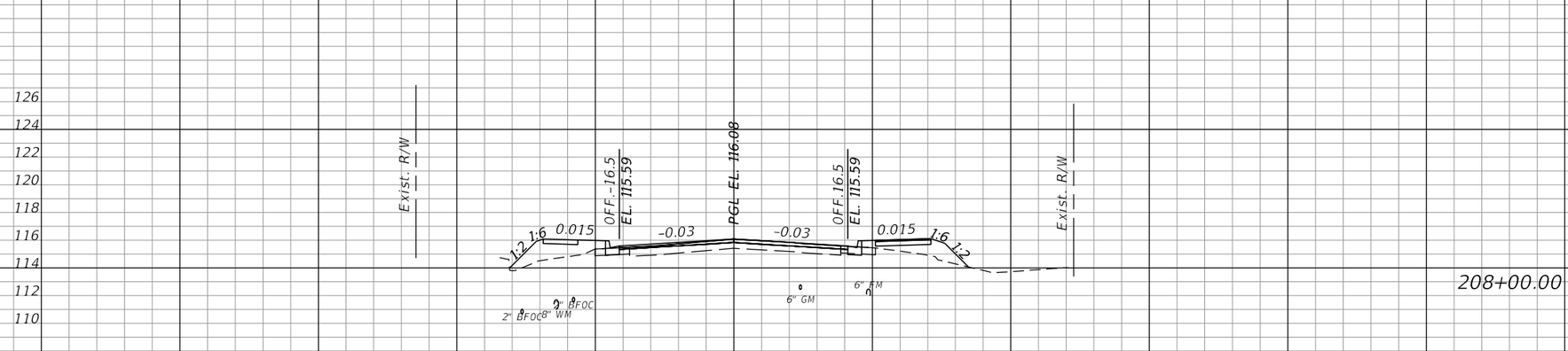

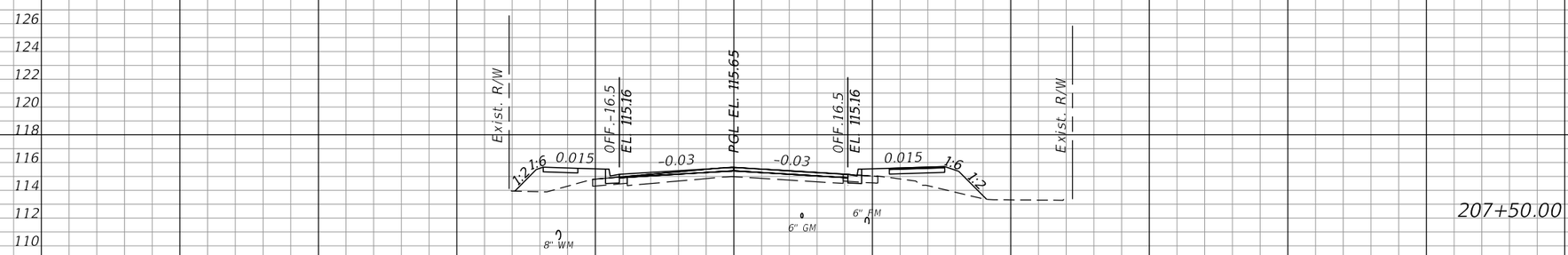

SCALE: 1" = 20' HORIZONTAL
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OLIVE ROAD STREET IMPROVEMENT PROJECT

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Regular Exc.		Embankment	
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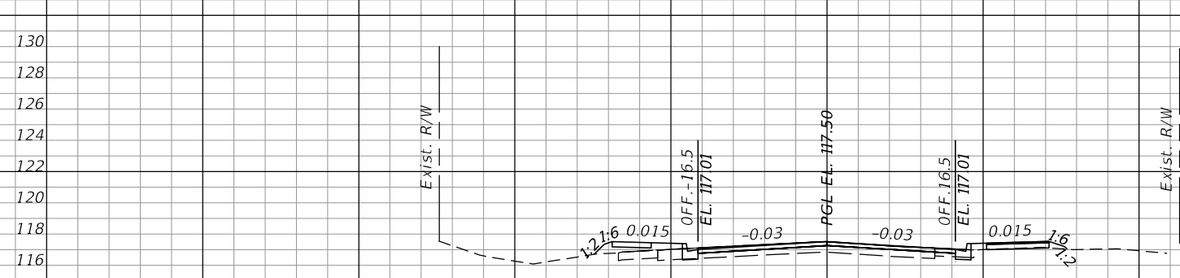

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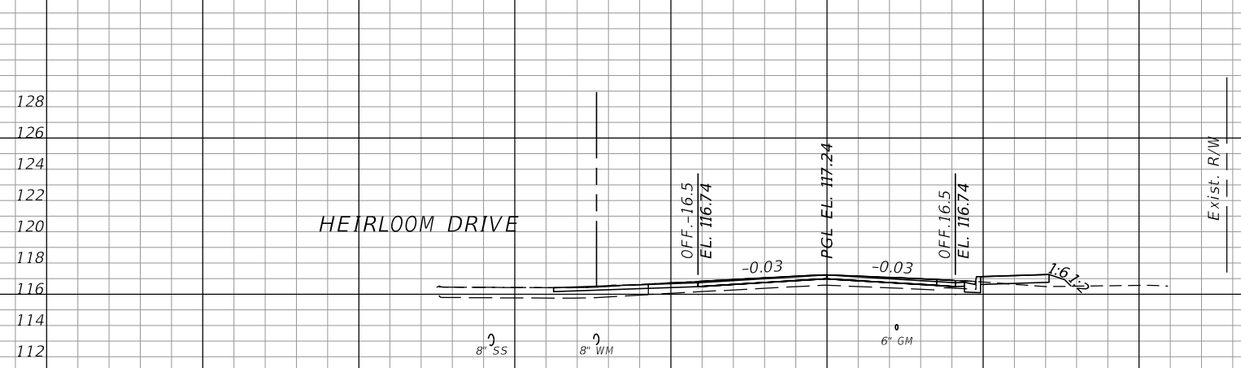

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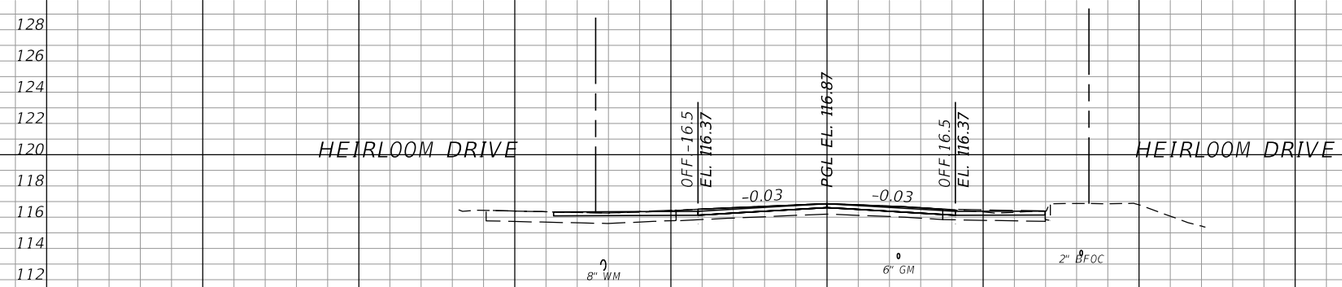

209+00.00

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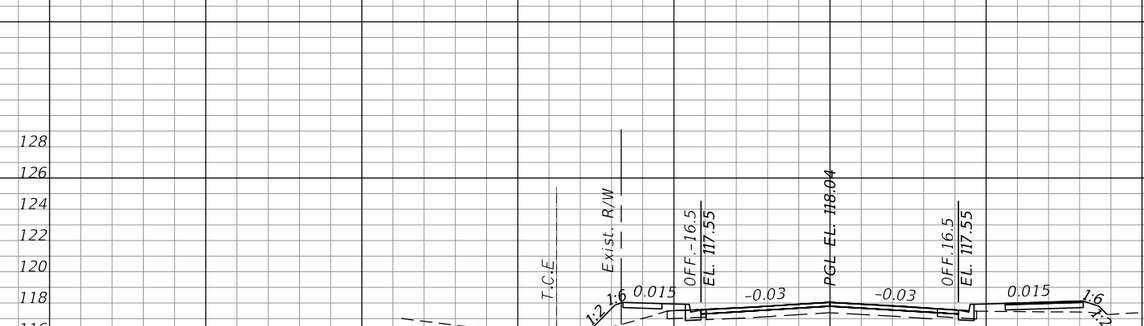
Regular Exc.		Embankment	
A	V	A	V

211+50.00



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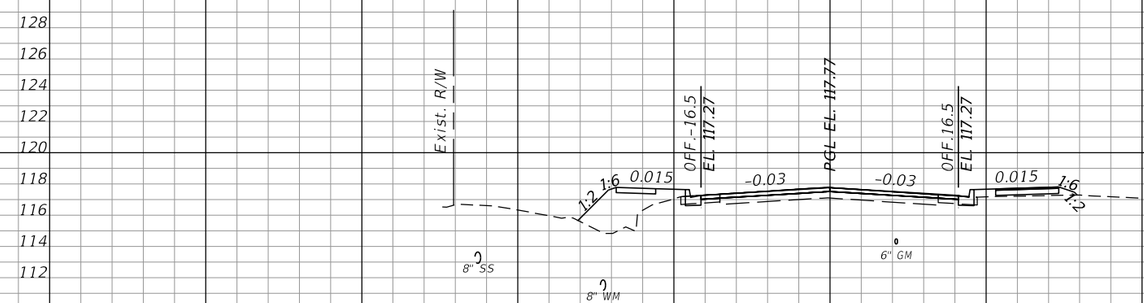

210+50.00

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

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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 169

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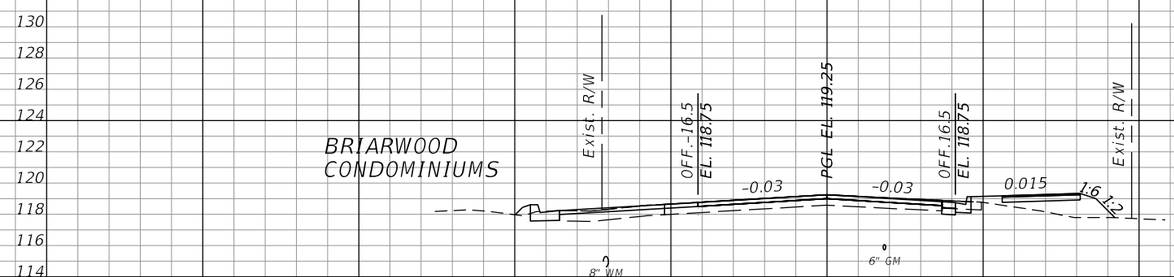
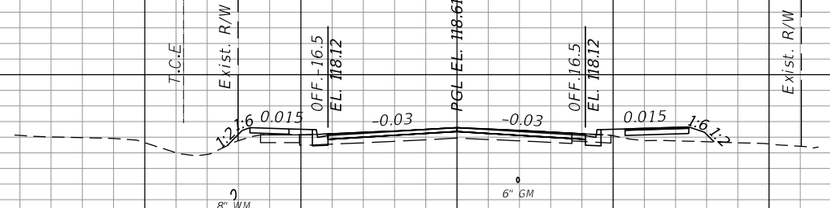
awelfle
Q:\ORL\211412\20 CADD_Active\000000-0-00-00\roadway\RDXSRD01.dgn

Regular Exc.		Embankment	
A	V	A	V



213+00.00

212+50.00



212+00.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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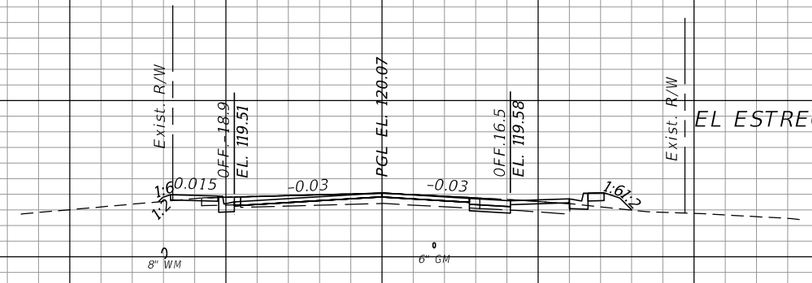
Regular Exc.		Embankment	
A	V	A	V



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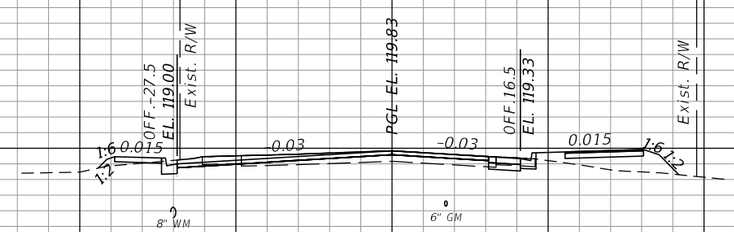

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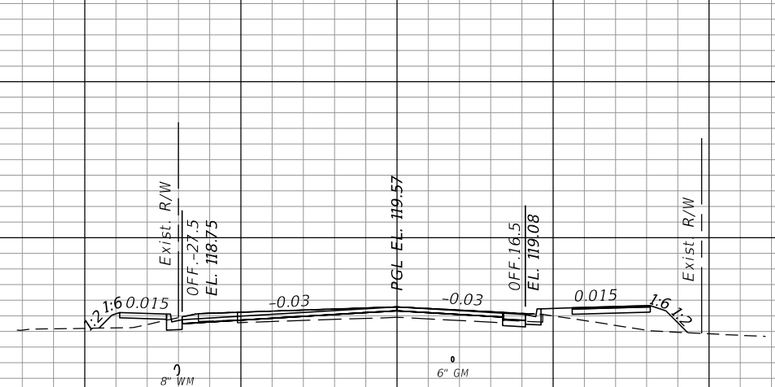

213+50.00

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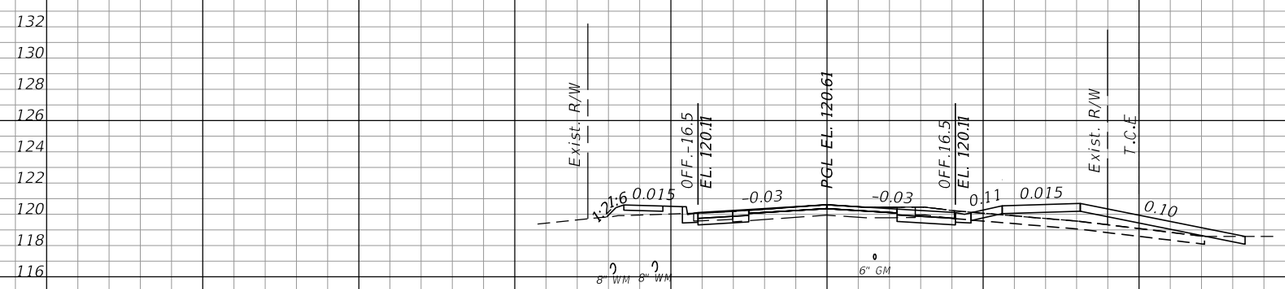
	Regular Exc.		Embankment	
	A	V	A	V



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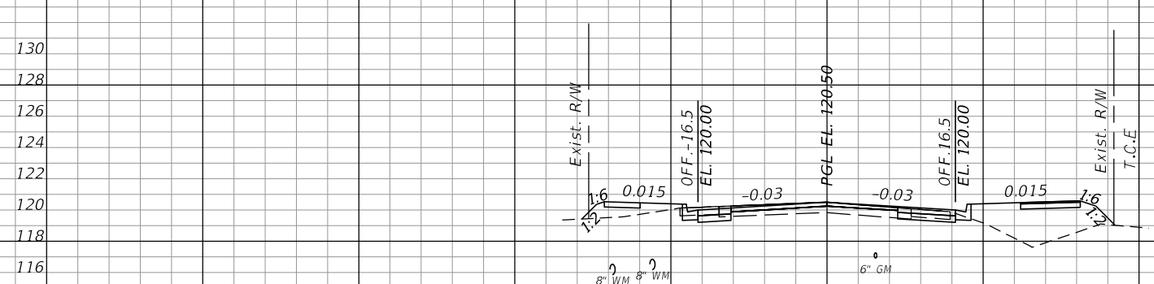

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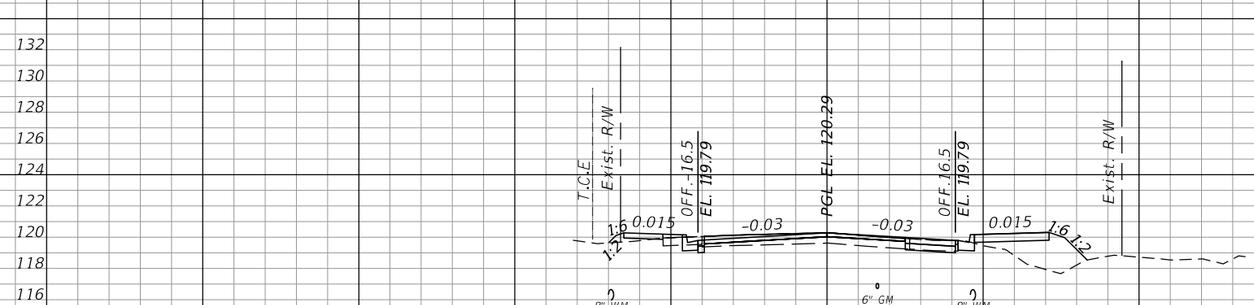

215+00.00

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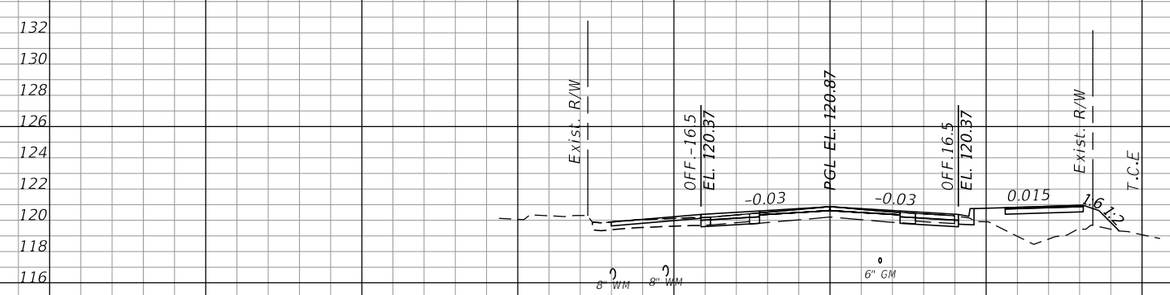
A	V	A	V



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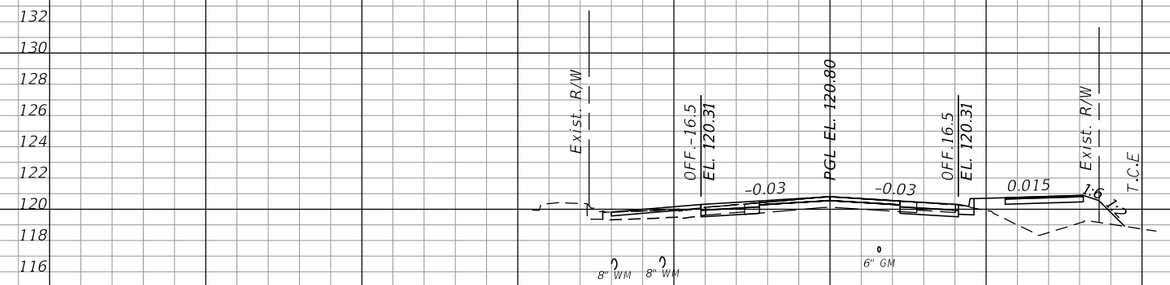

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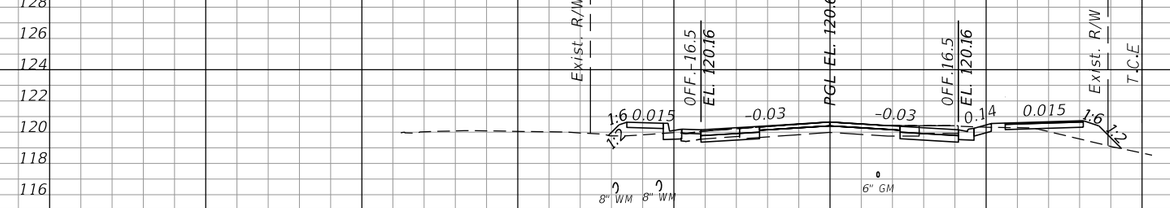

216+00.00

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

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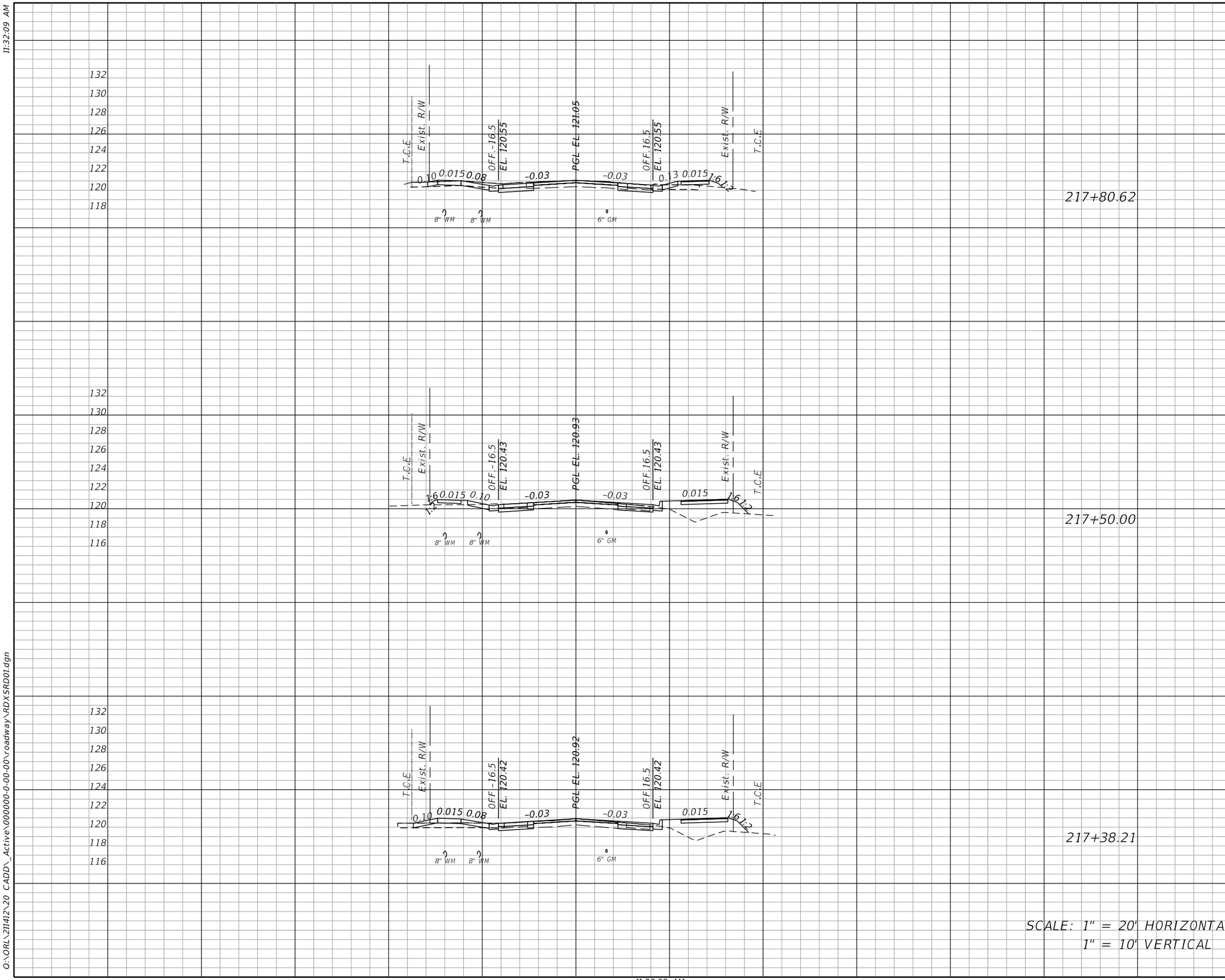

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

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SHEET 174

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awelfle
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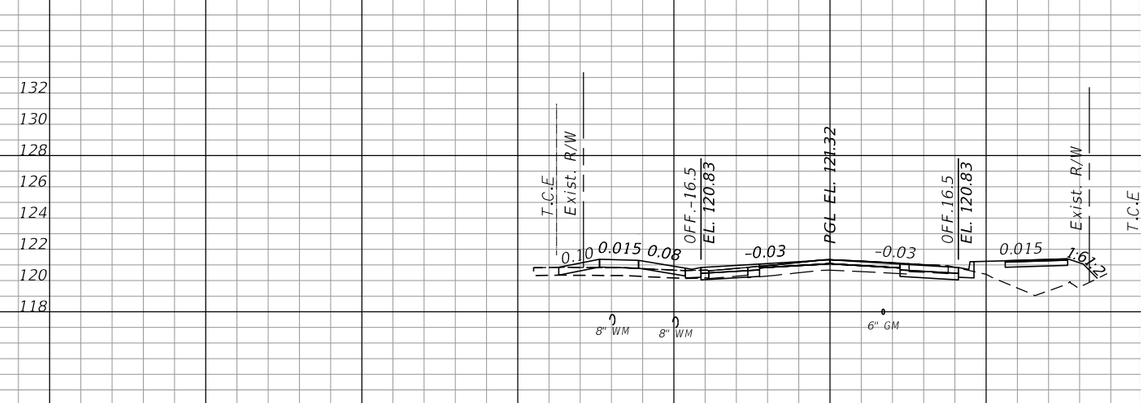
Regular Exc.		Embankment	
A	V	A	V



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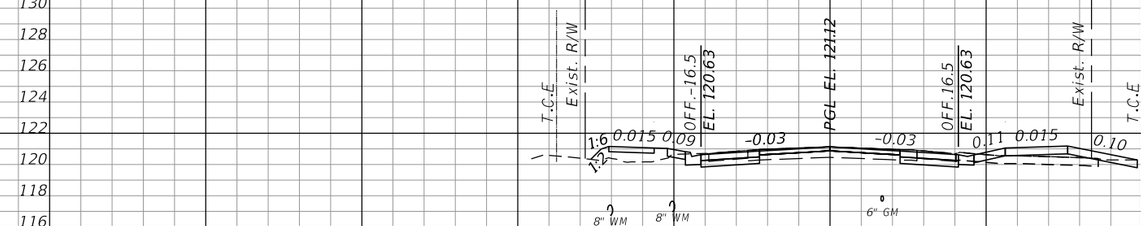

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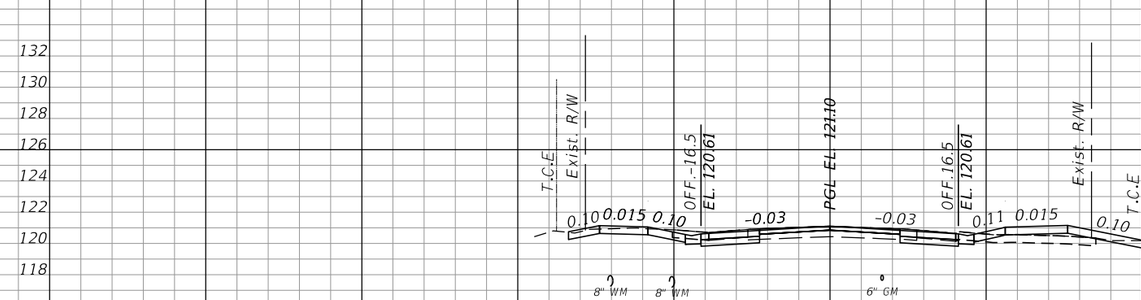

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SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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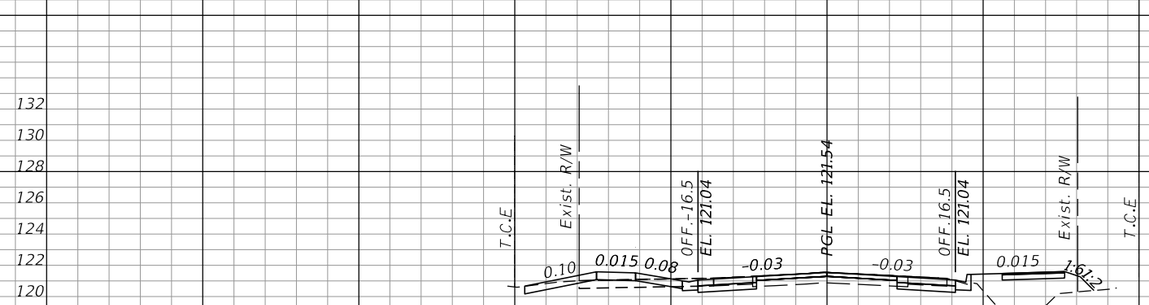
	Regular Exc.		Embankment	
	A	V	A	V



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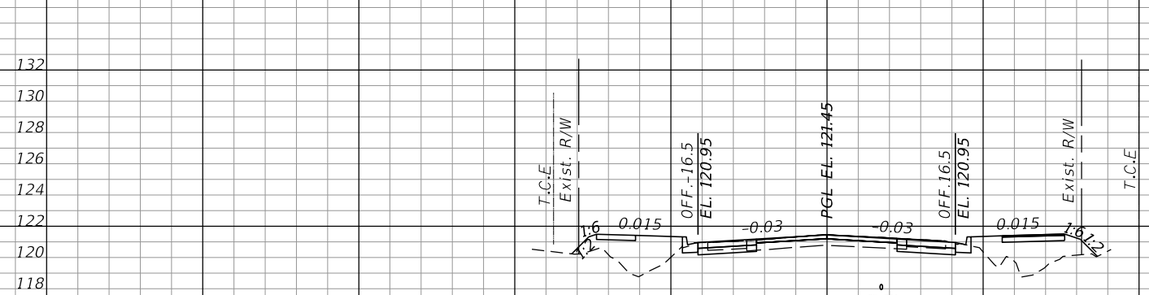

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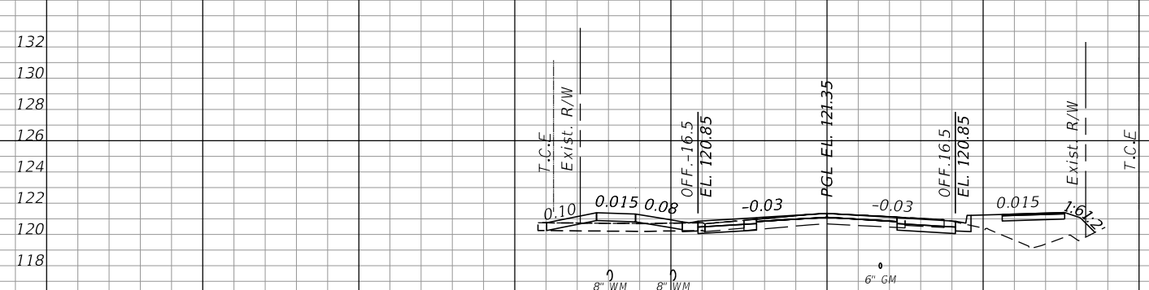

218+57.86

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ESCAMBIA COUNTY, FLORIDA

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awelfle
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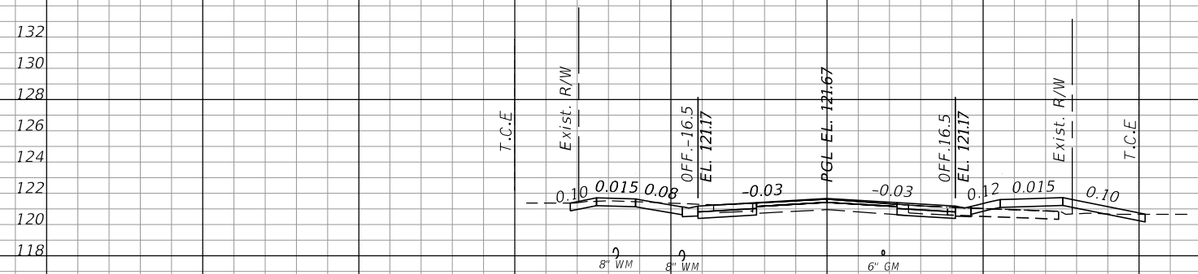
Regular Exc.		Embankment	
A	V	A	V



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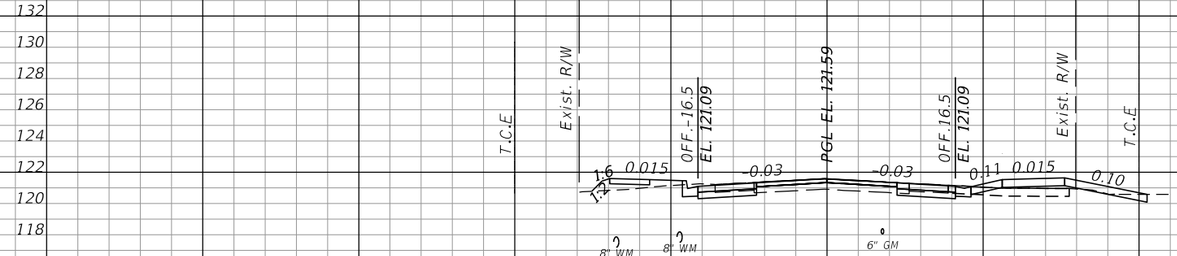

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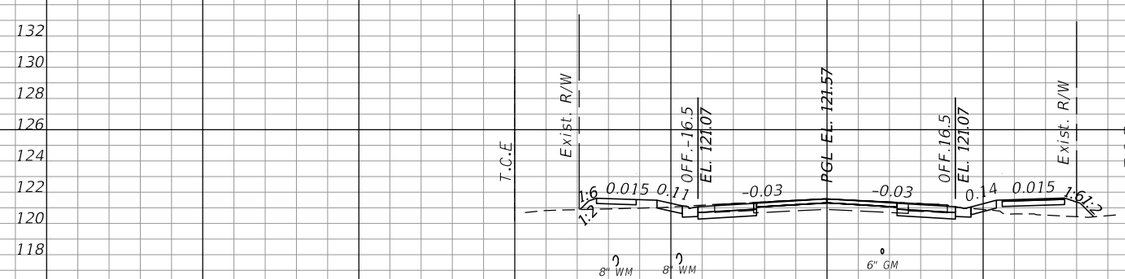

219+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 177

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Regular Exc.		Embankment	
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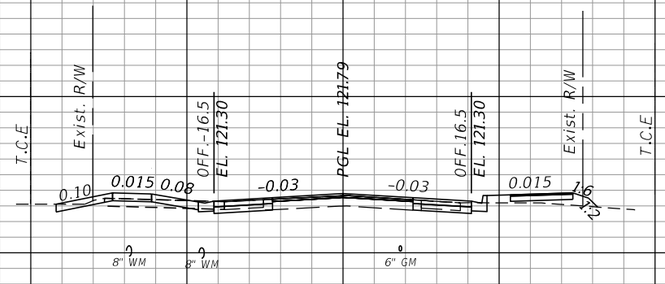

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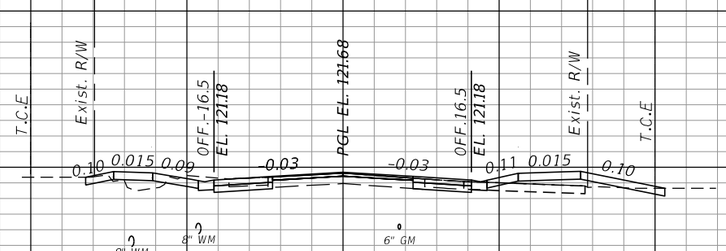

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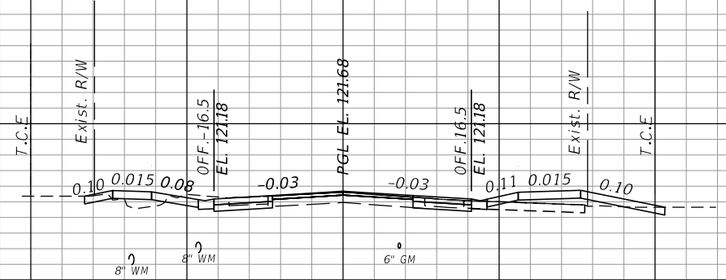

220+00.00

SCALE: 1" = 20' HORIZONTAL
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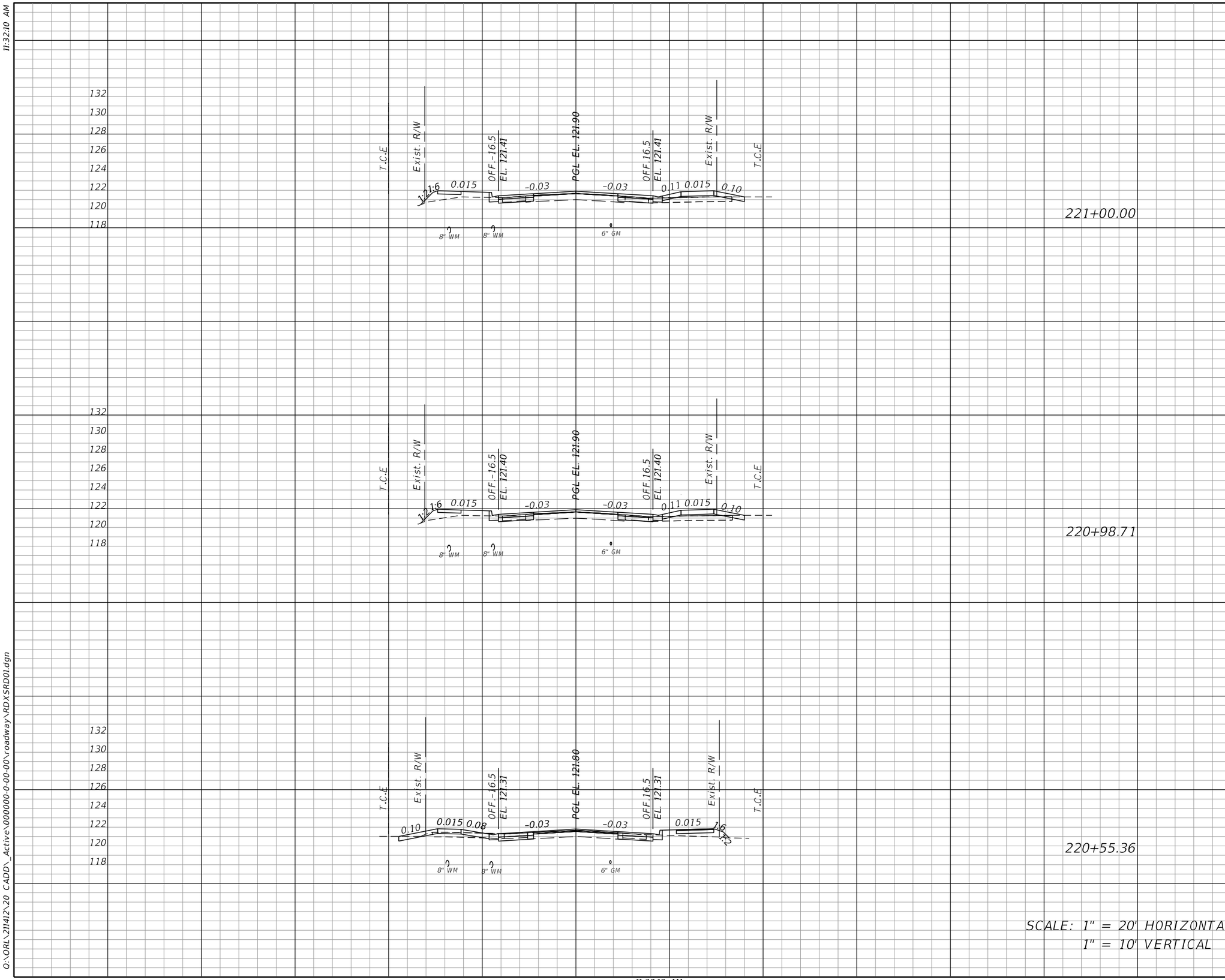

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	Regular Exc.		Embankment	
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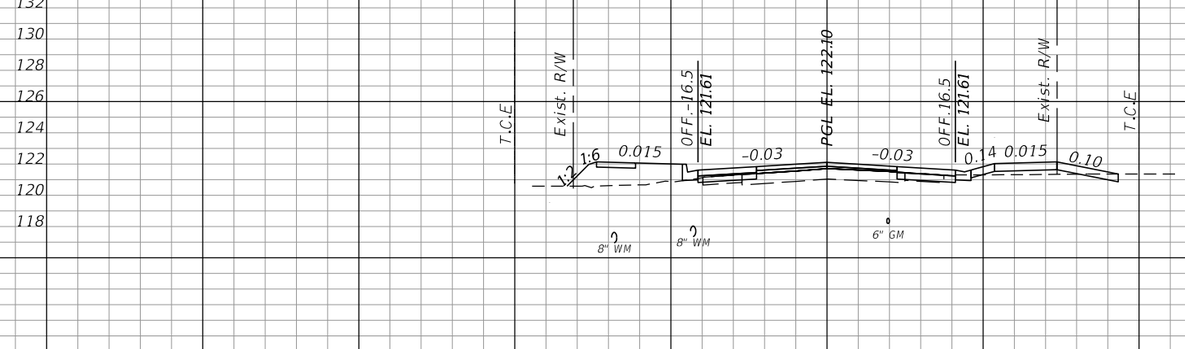

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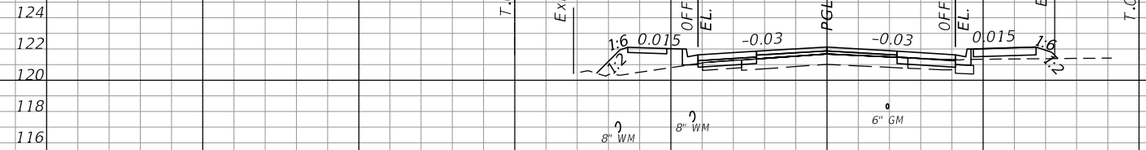

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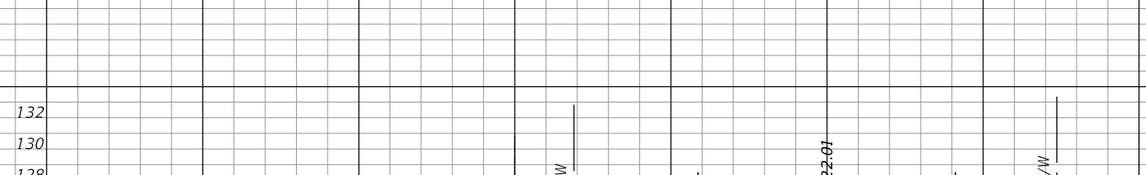

221+50.00

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

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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: 5/11/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 180

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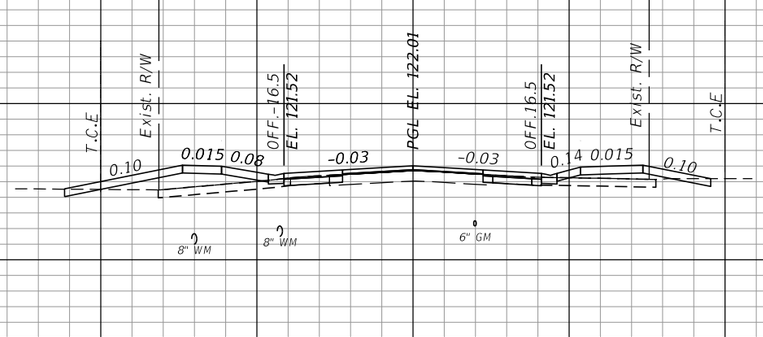

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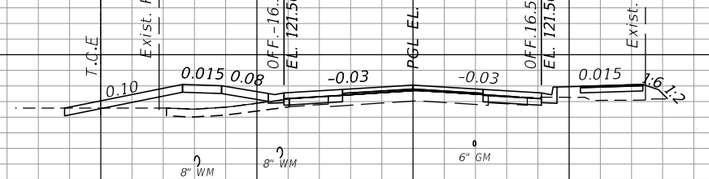

222+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

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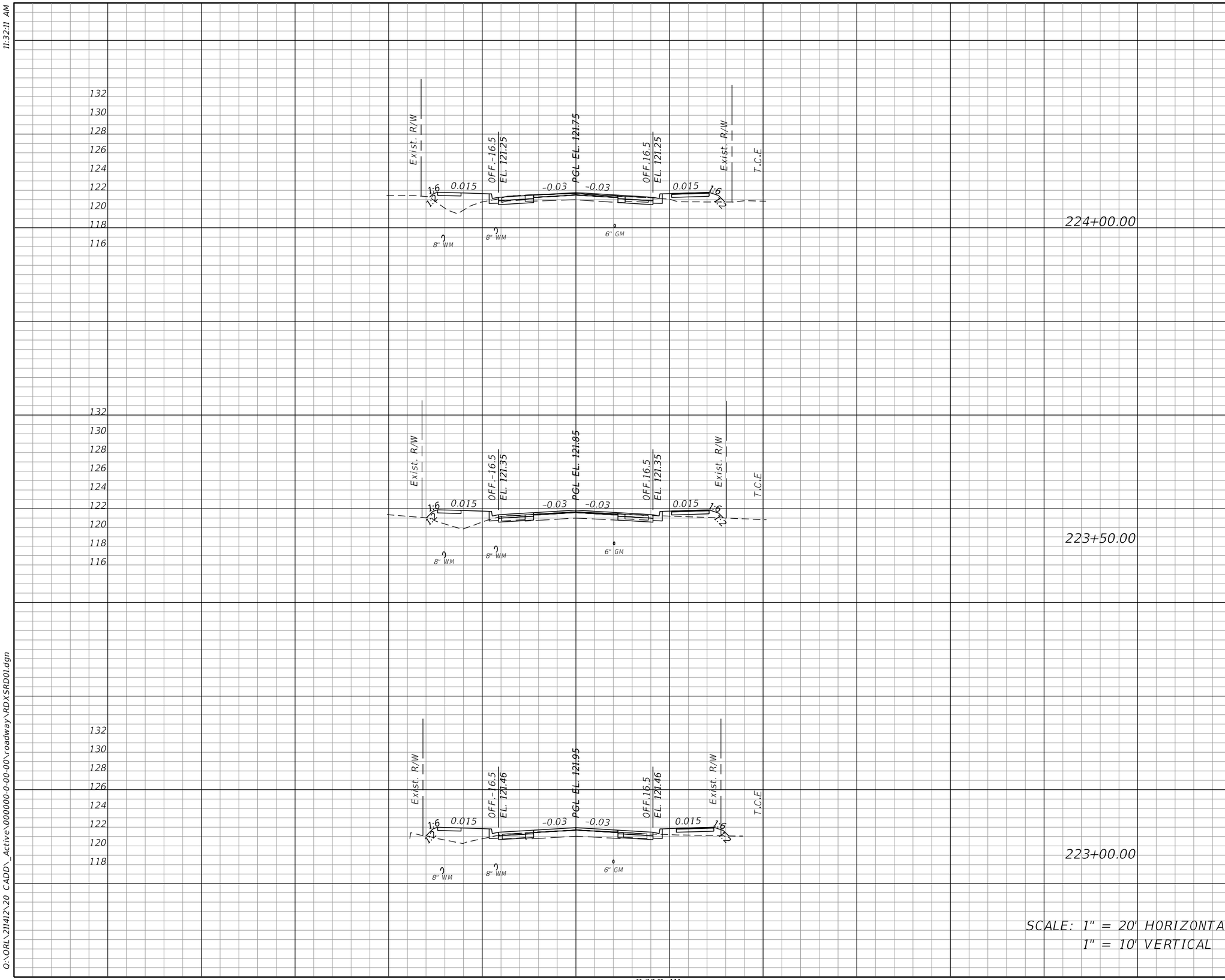

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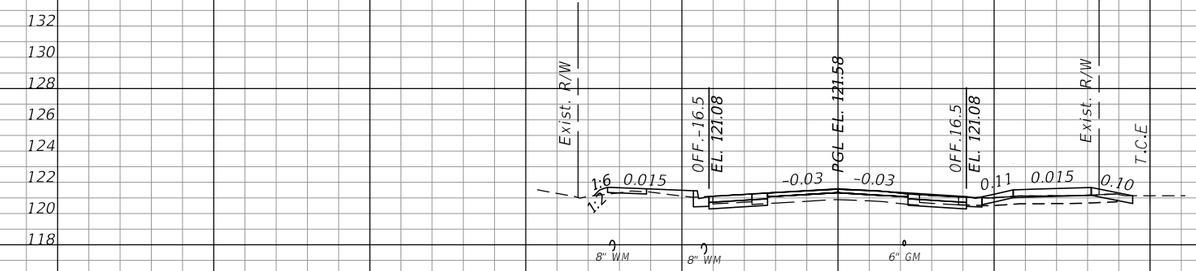

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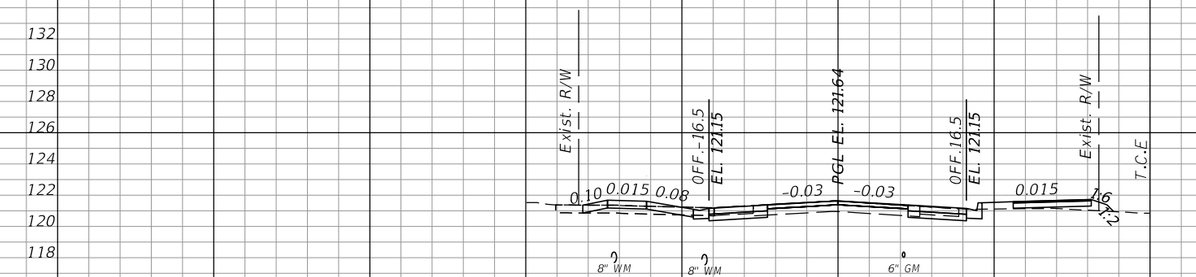

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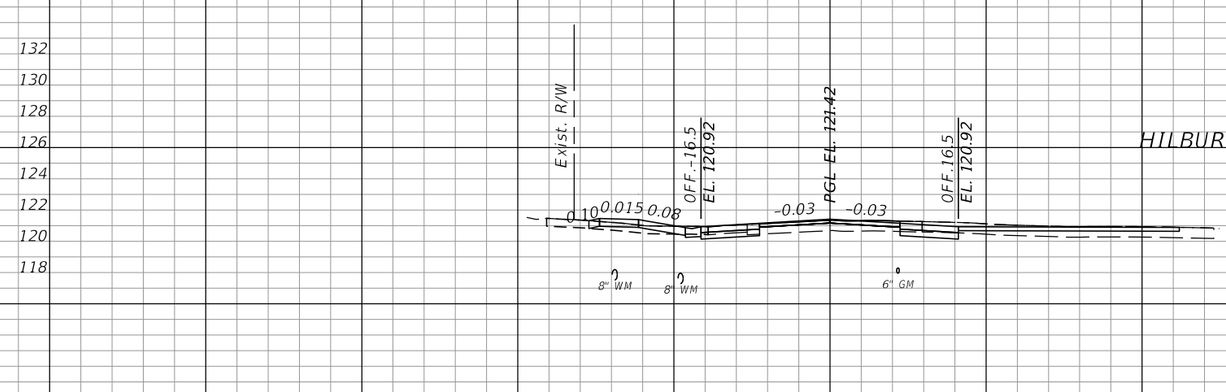

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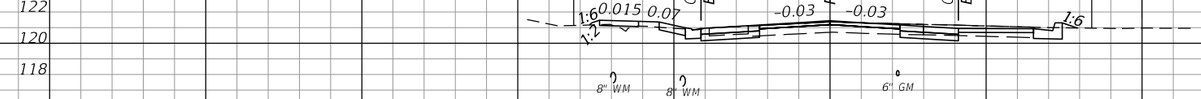

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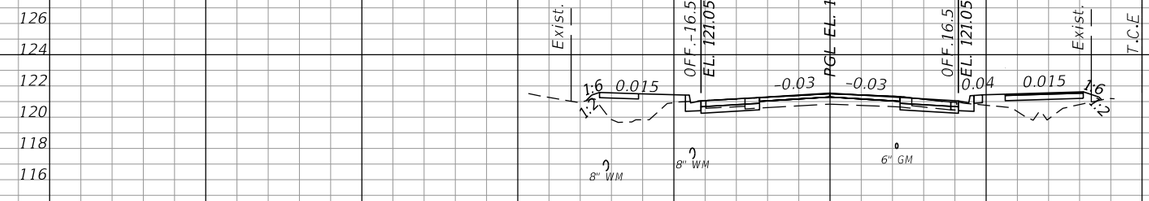

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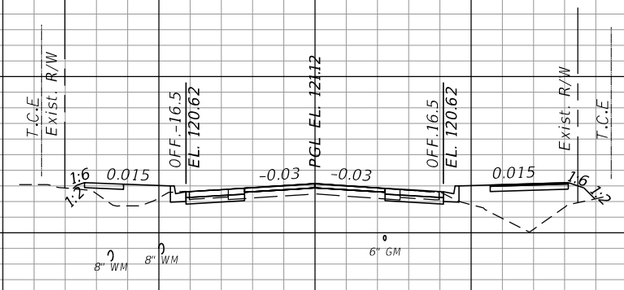

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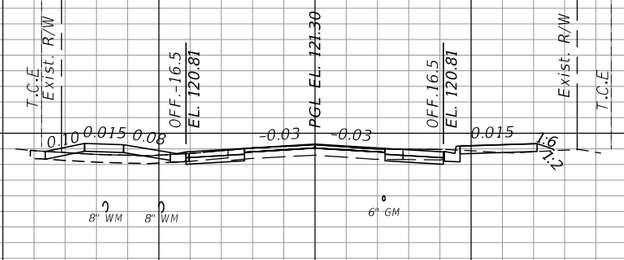

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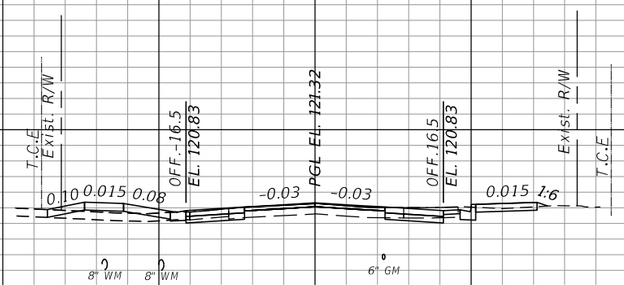

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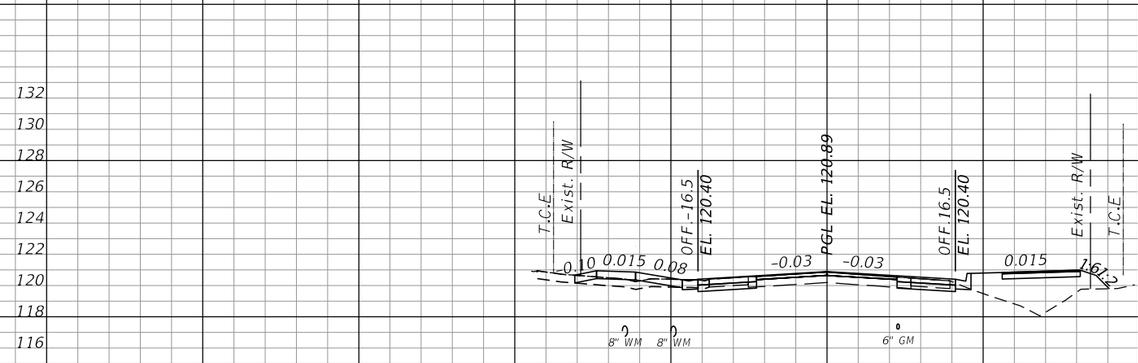

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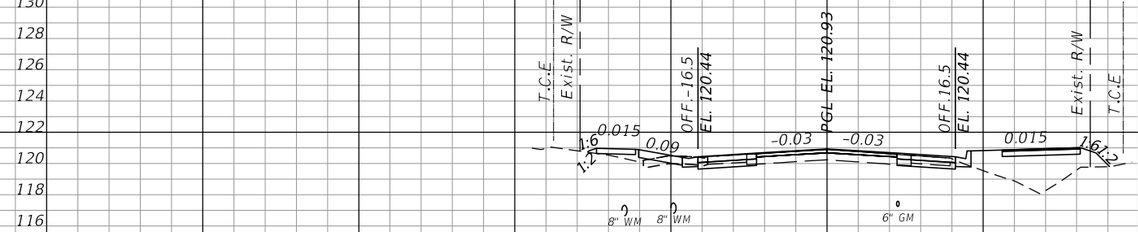

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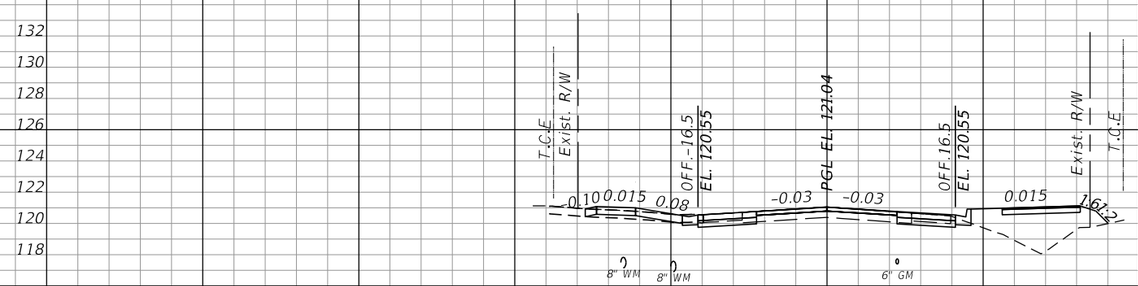

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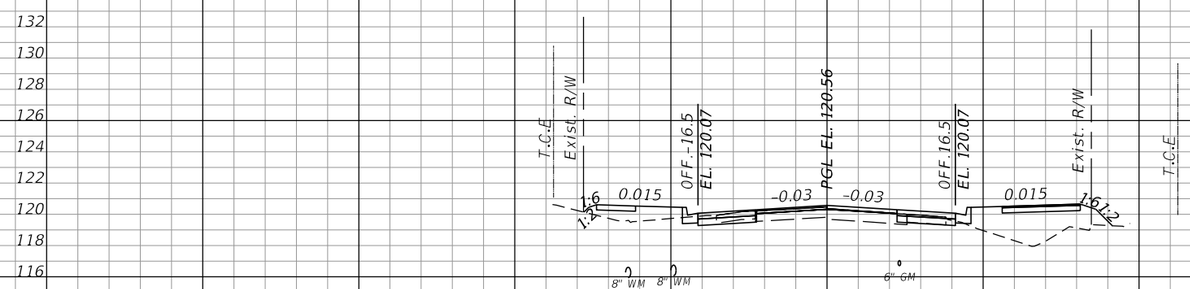

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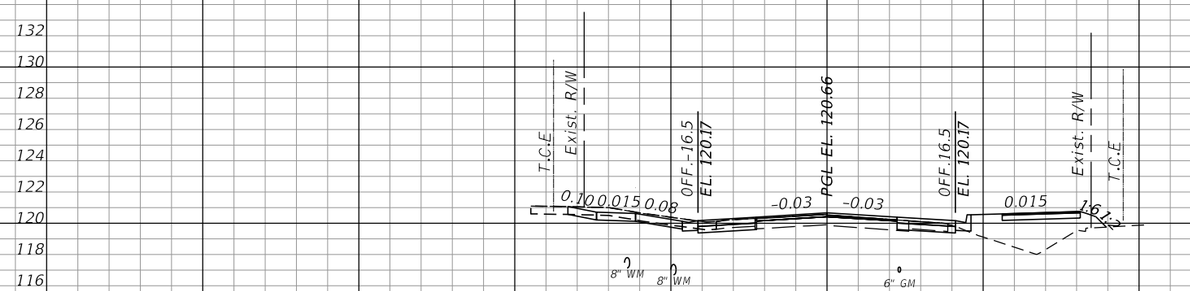

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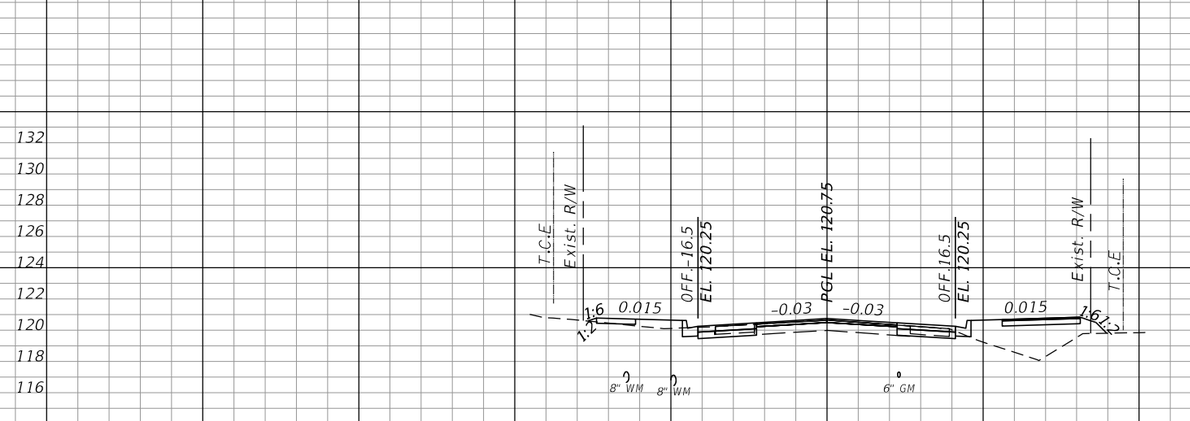

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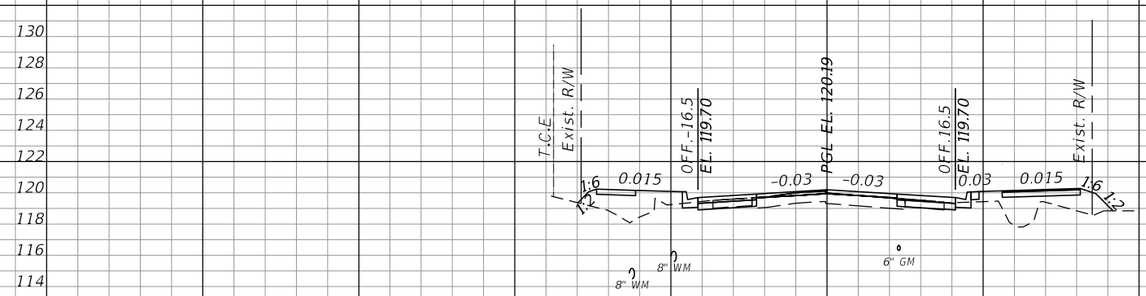

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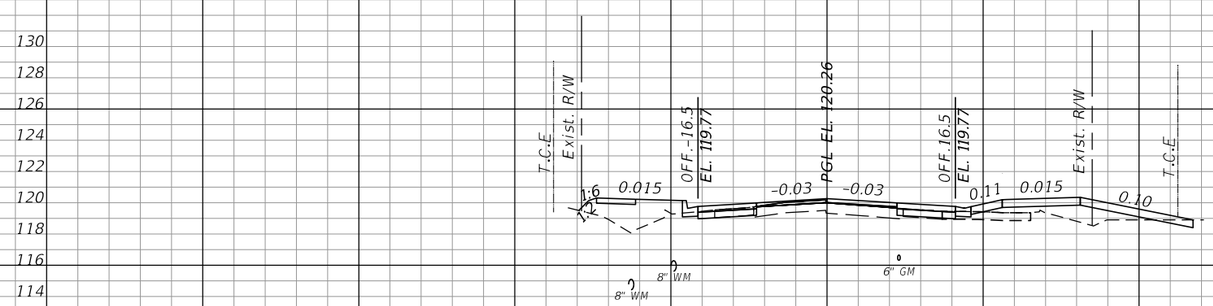

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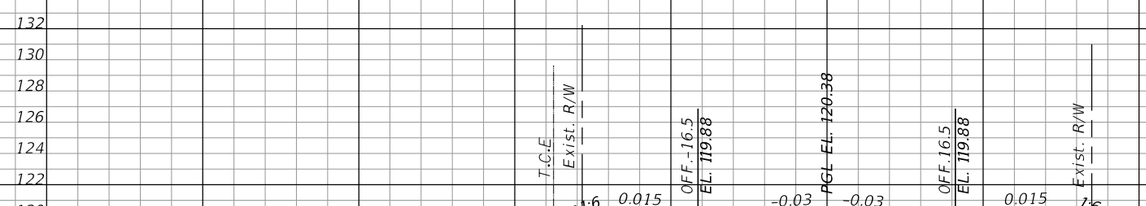

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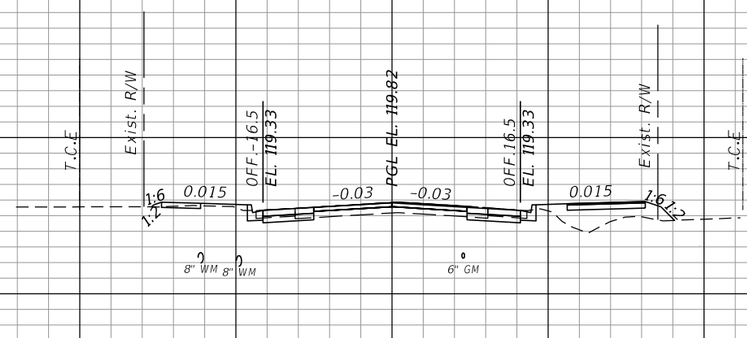

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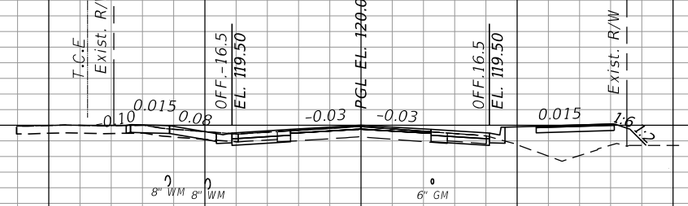

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229+50.00

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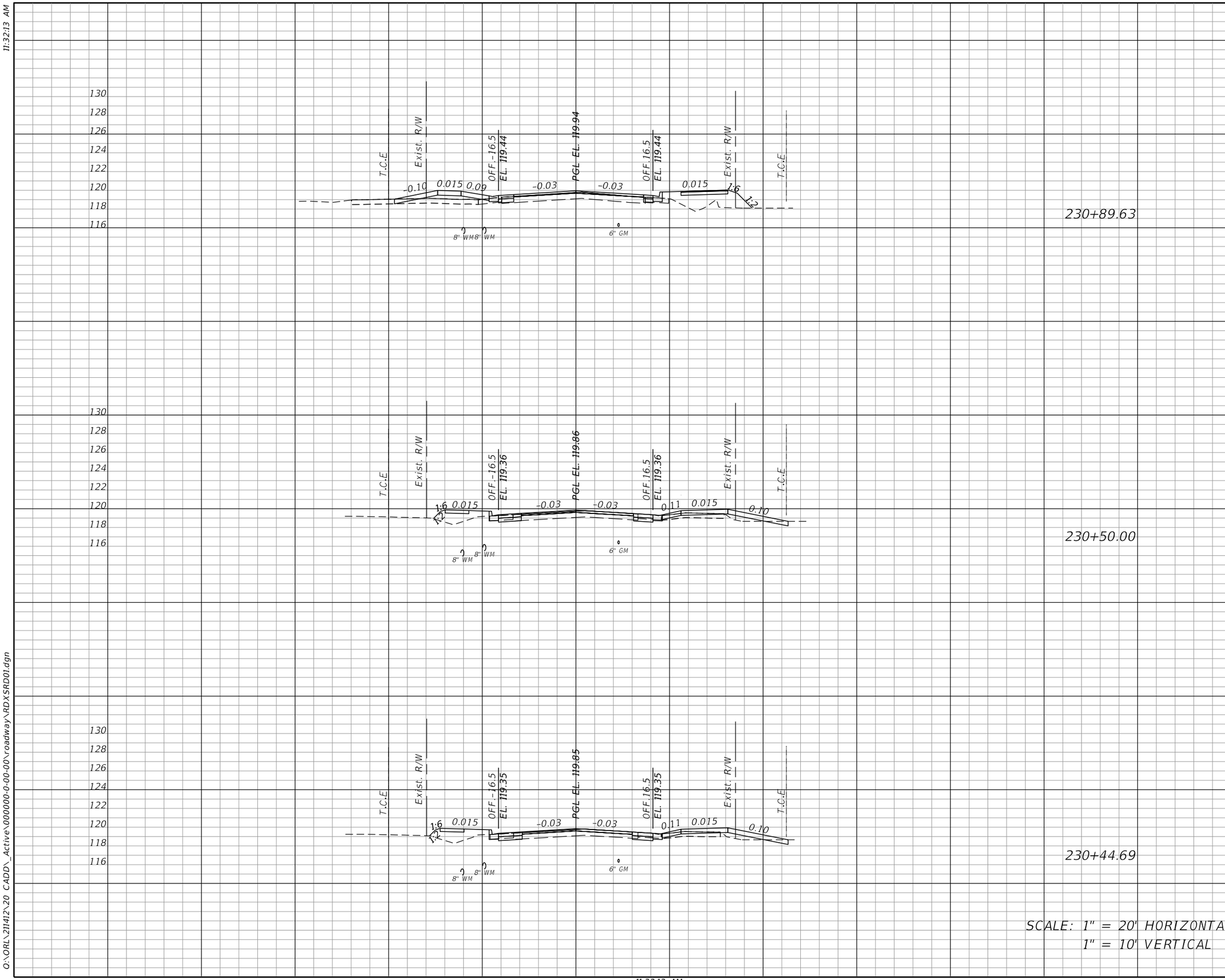

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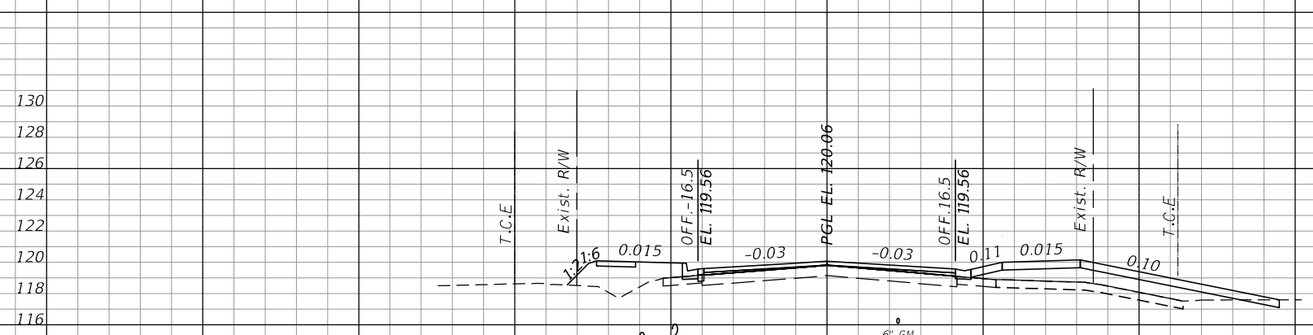

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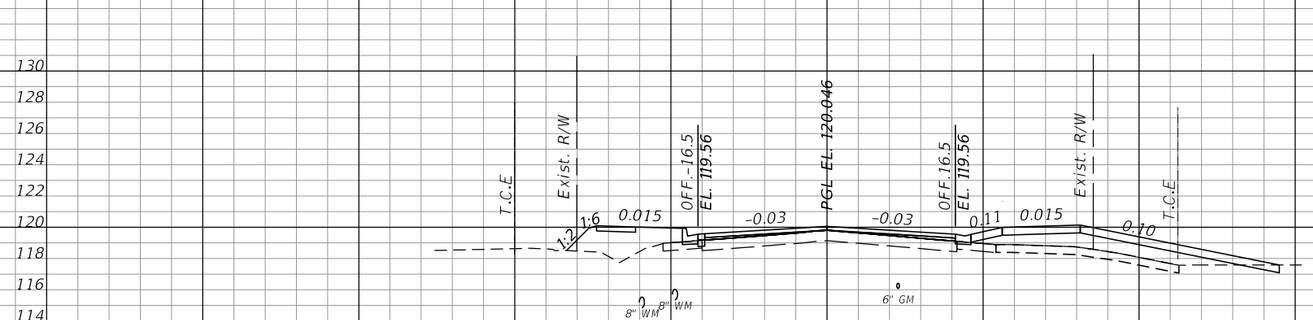

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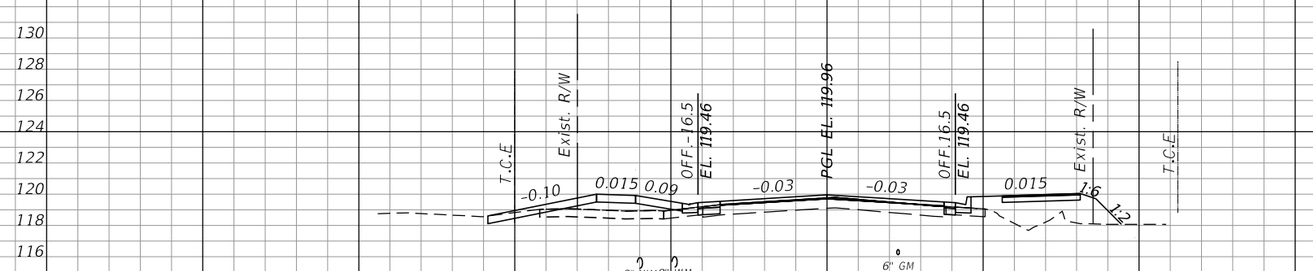

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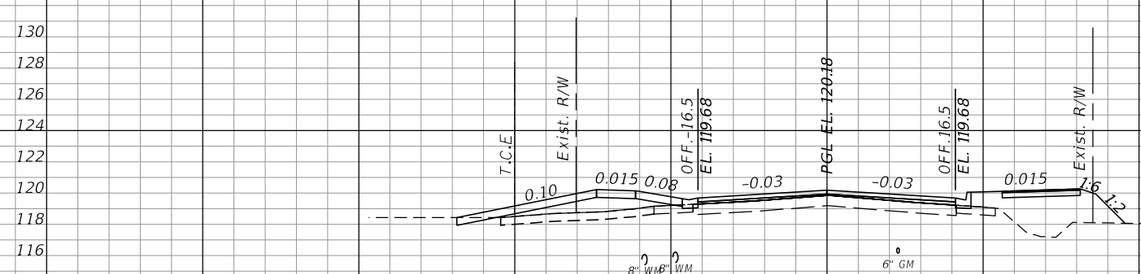

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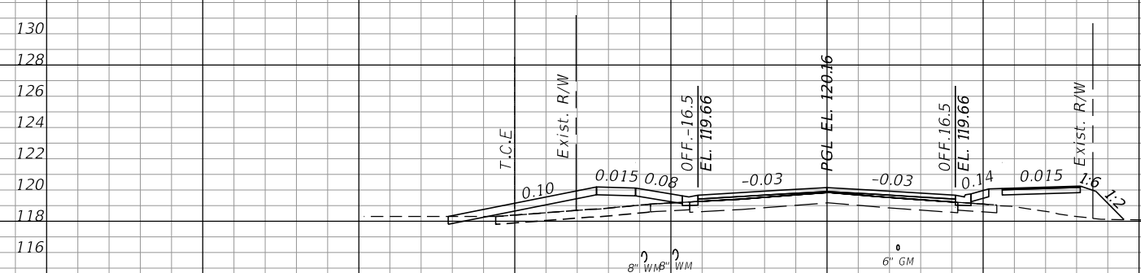

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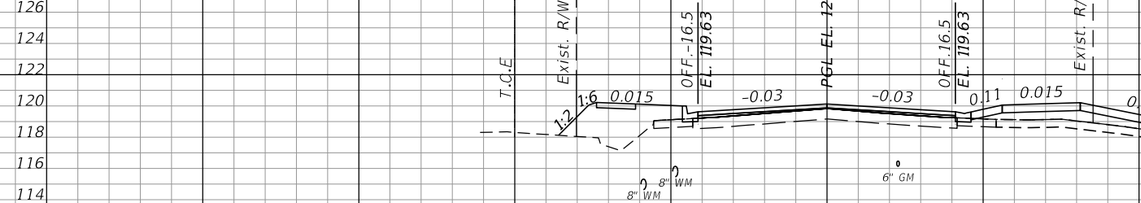

231+85.24

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

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
FIELD BOOK / PAGE(S):		SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W	

NUMBER	REVISIONS	DATE	APPROVED BY

SHEET 192

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awelfle
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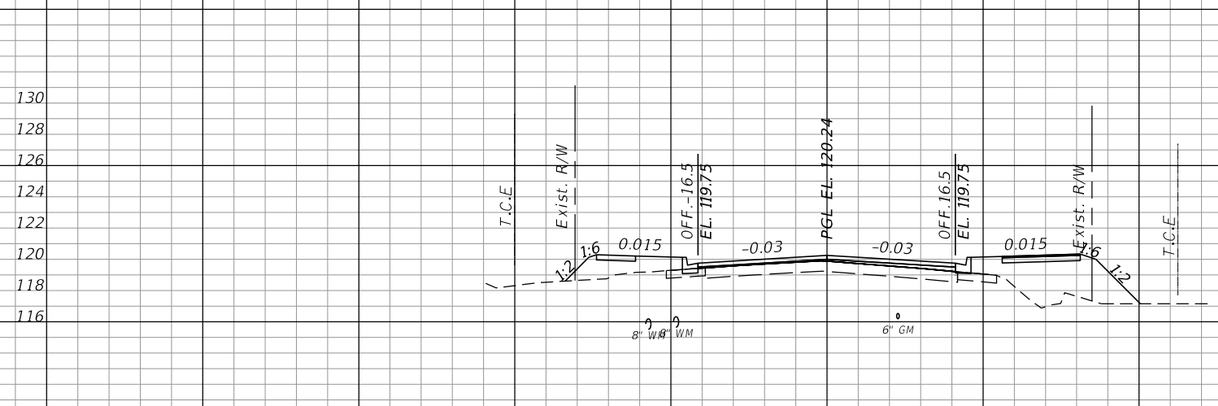

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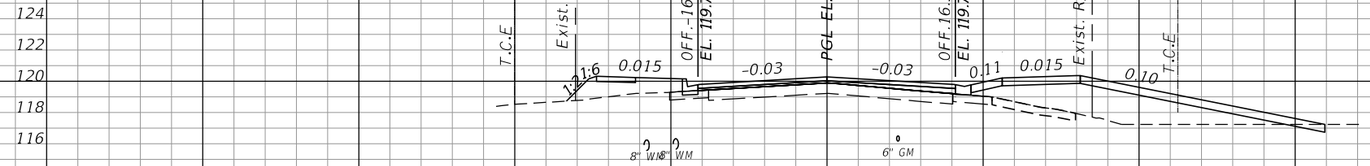

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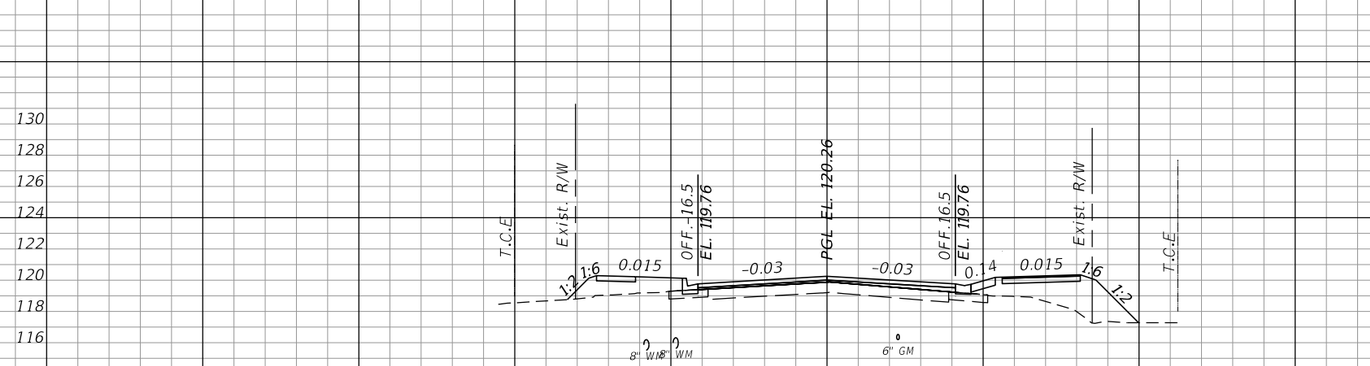

232+50.00

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

Regular Exc.		Embankment	
A	V	A	V

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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DATE: 5/11/2022	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		

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SHEET 193

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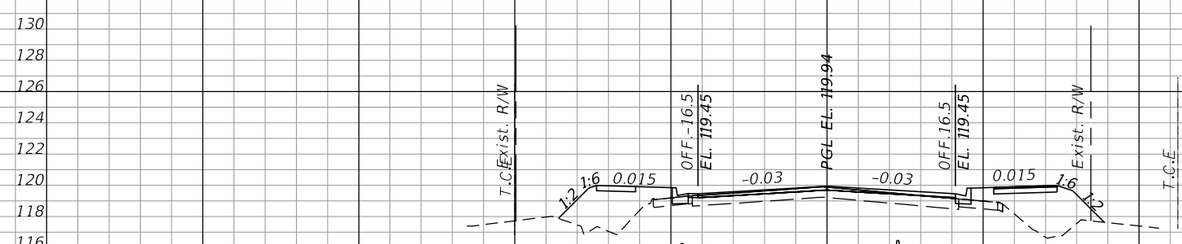
Regular Exc.		Embankment	
A	V	A	V



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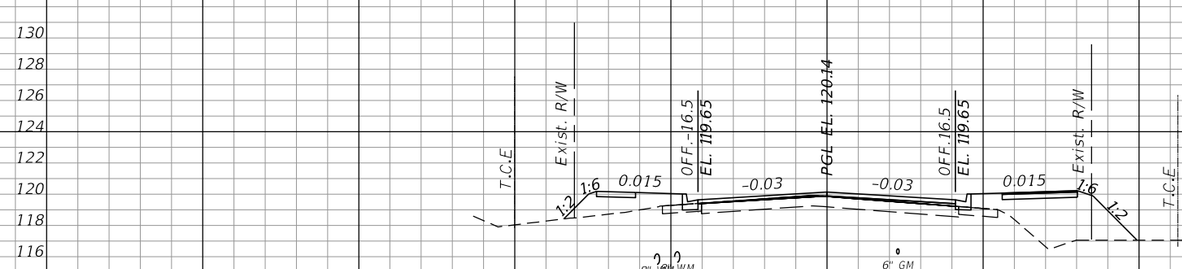
234+00.00



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

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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SHEET 194

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Regular Exc.		Embankment	
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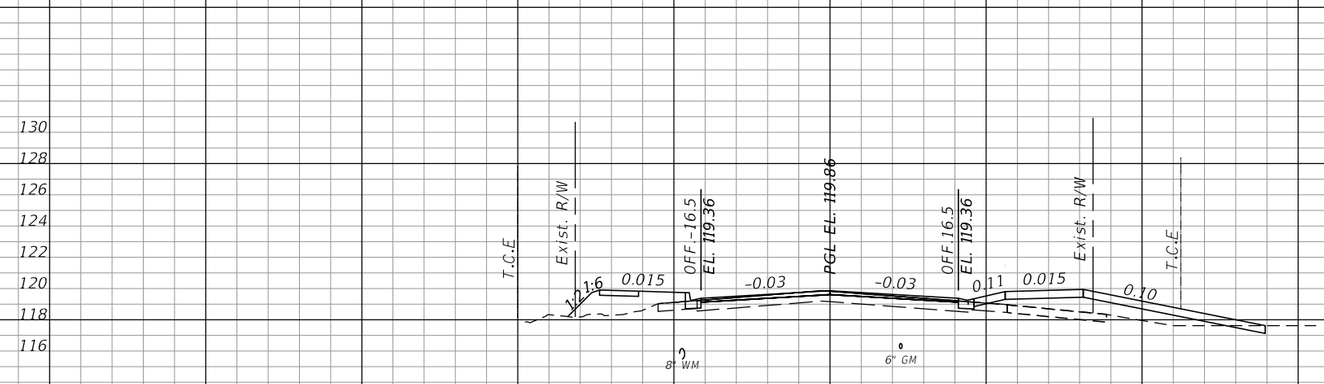

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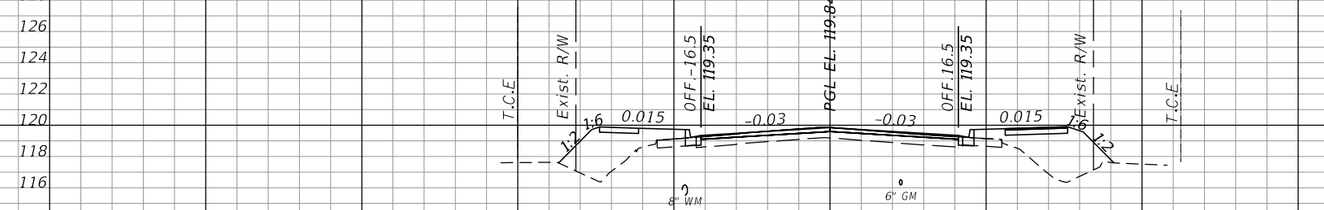

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234+68.98

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 195

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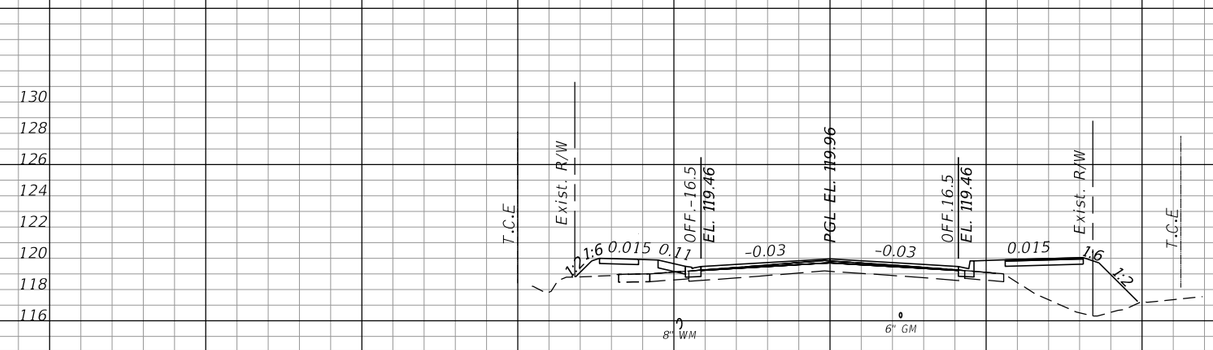
Regular Exc.		Embankment	
A	V	A	V



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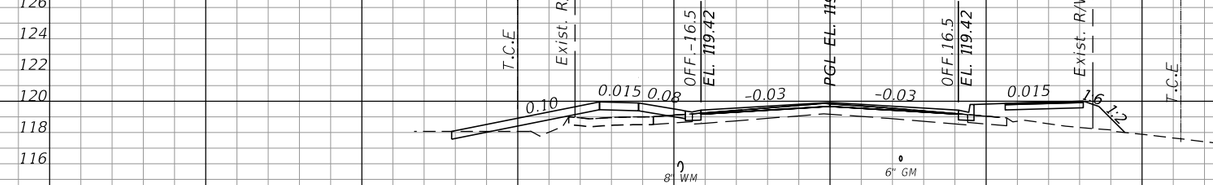

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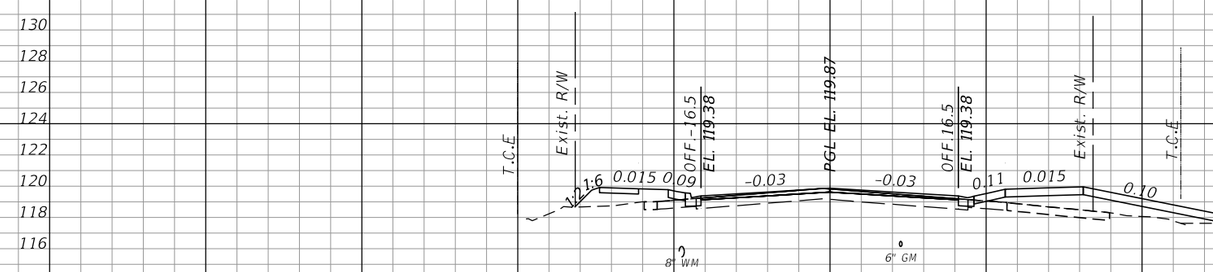

235+57.38

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL
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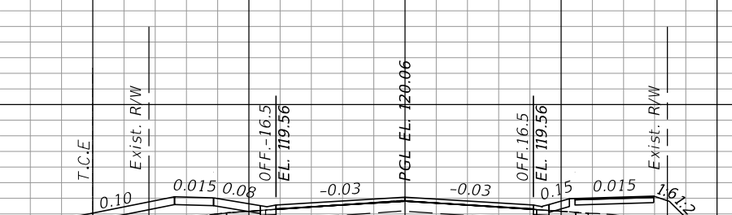
Regular Exc.		Embankment	
A	V	A	V



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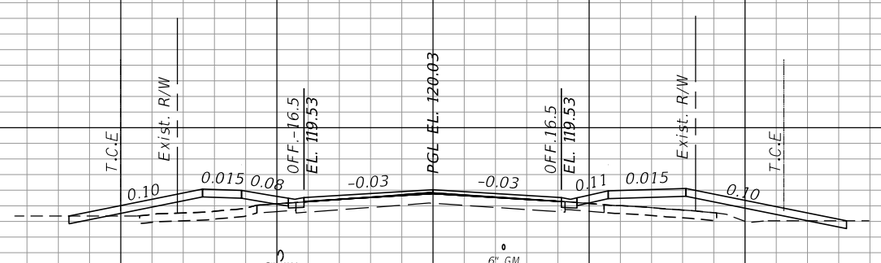
236+40.44



236+33.42

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 197

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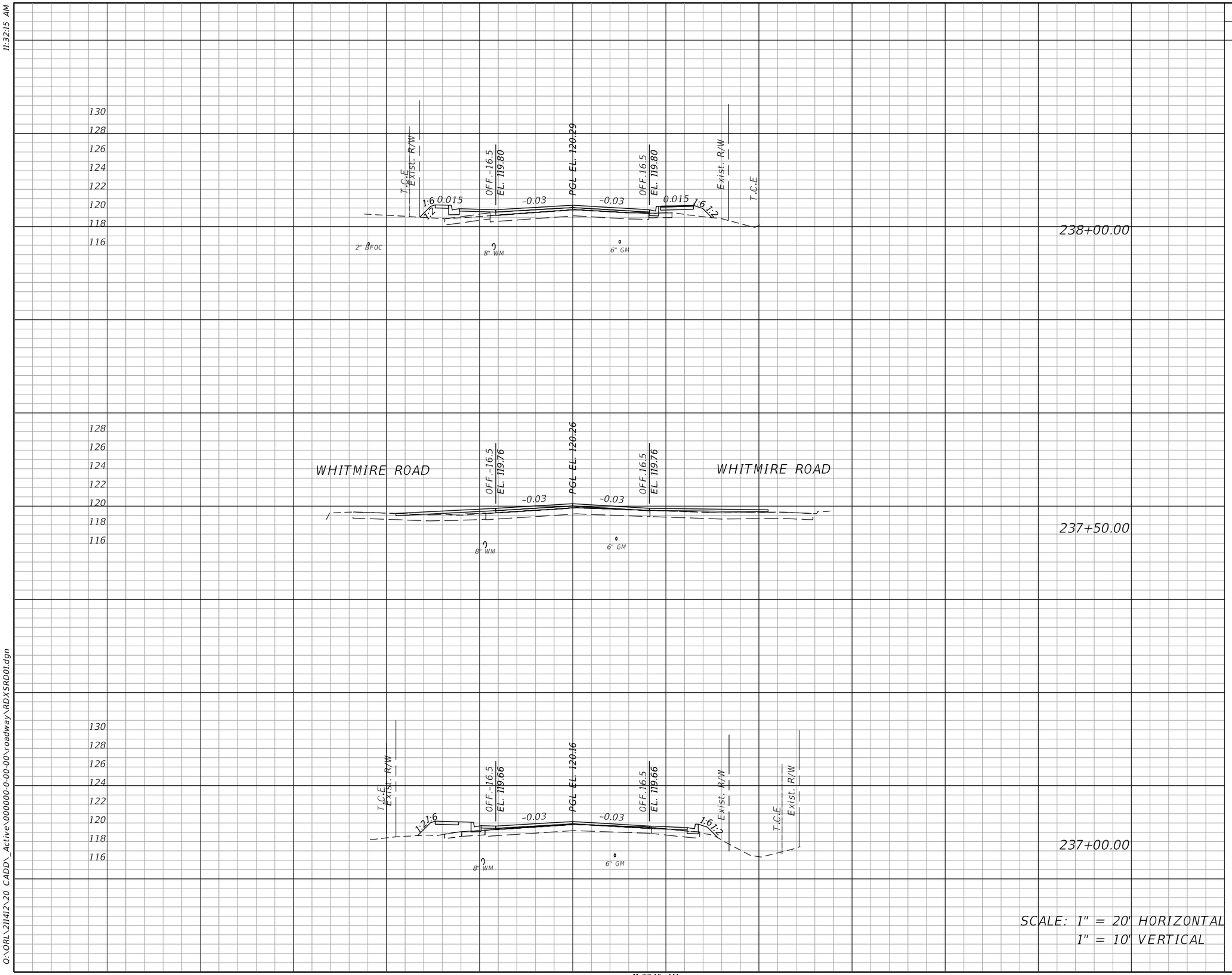

SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

Regular Exc.		Embankment	
A	V	A	V

OLIVE ROAD STREET IMPROVEMENT PROJECT

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PROJECT MANAGER: DENISE C. BREWER
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FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20, & 21 / 1S / 30W

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SHEET 198

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awelfle
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	Regular Exc.		Embankment	
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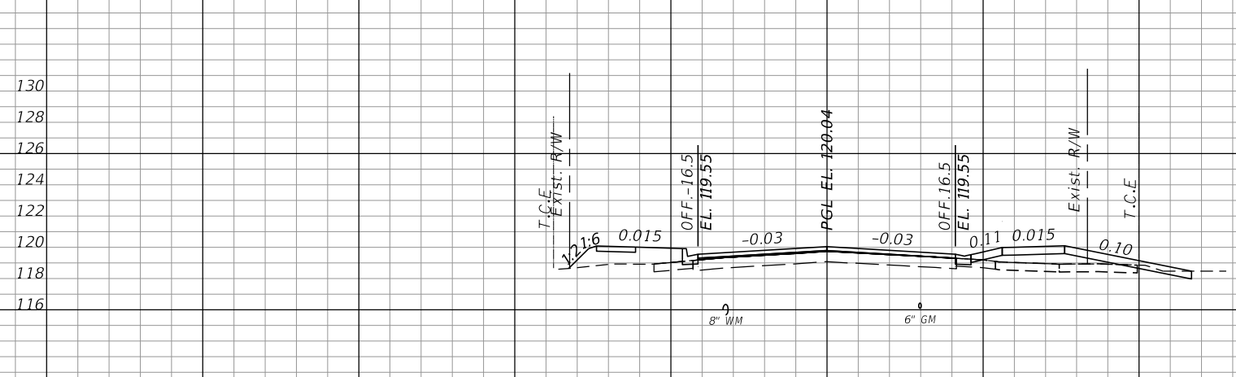

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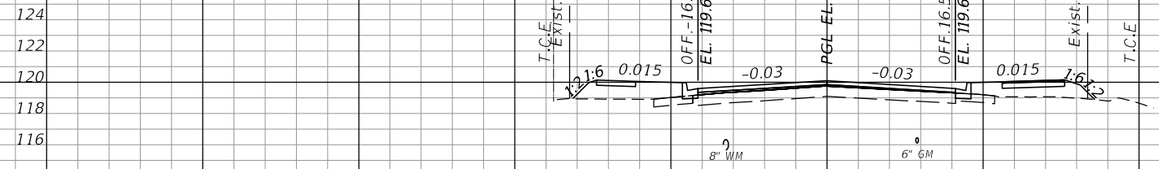

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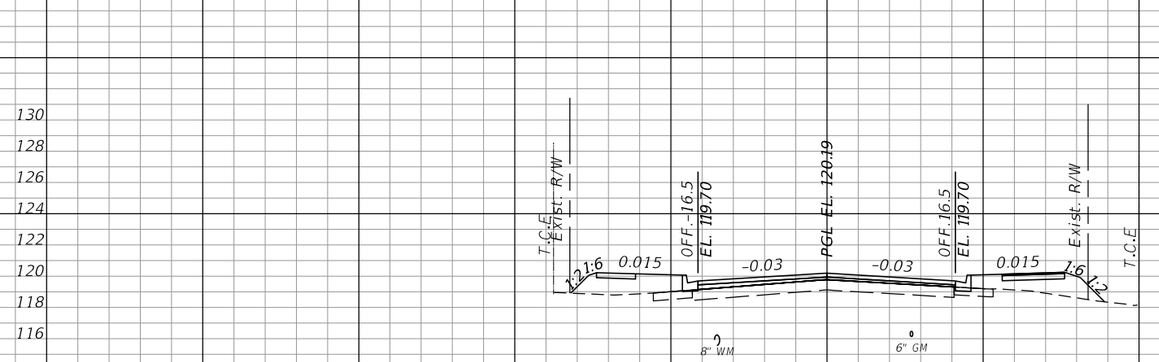

238+50.00

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

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

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DATE: 5/11/2022	DISTRICT: 5 & 4
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SHEET 199

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	Regular Exc.		Embankment	
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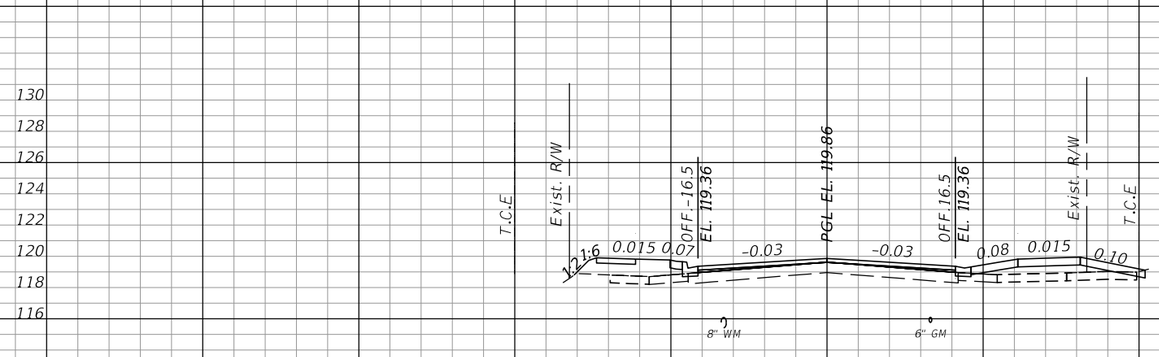

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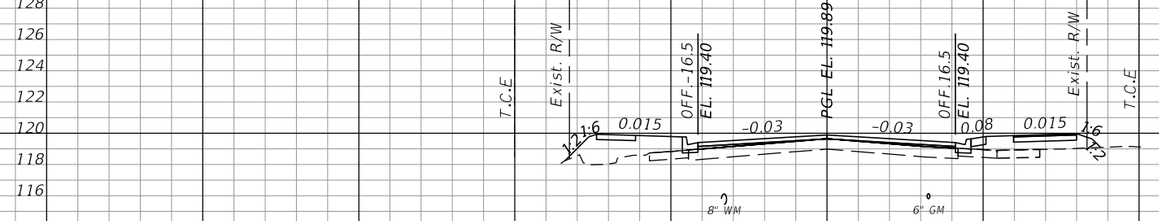

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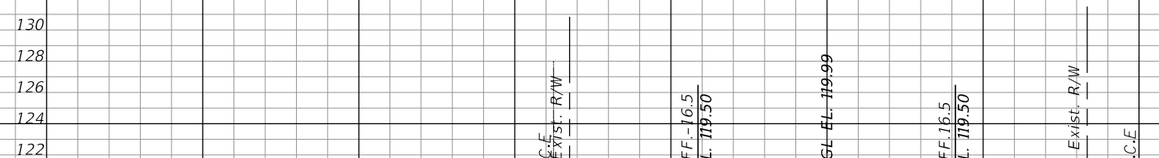

239+50.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 200

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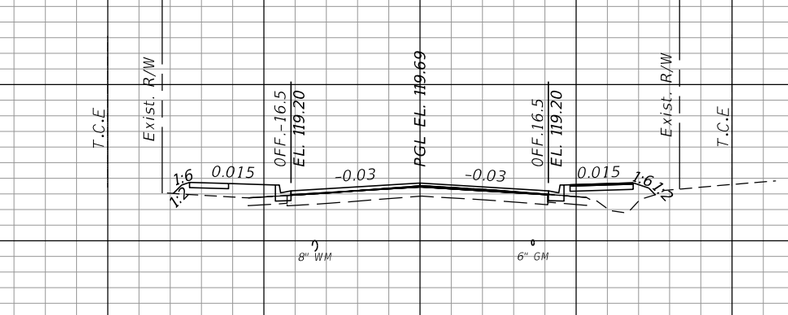
Regular Exc.		Embankment	
A	V	A	V



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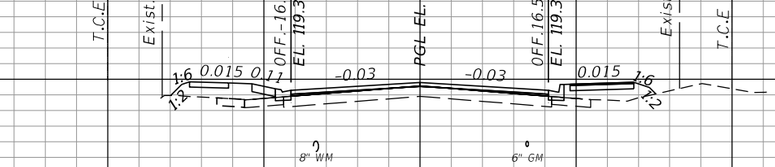

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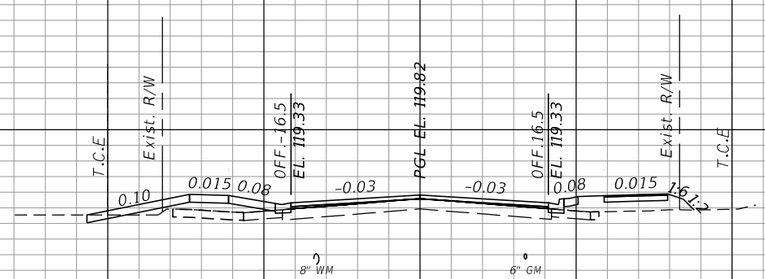

240+34.59

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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SHEET 201

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awelfle
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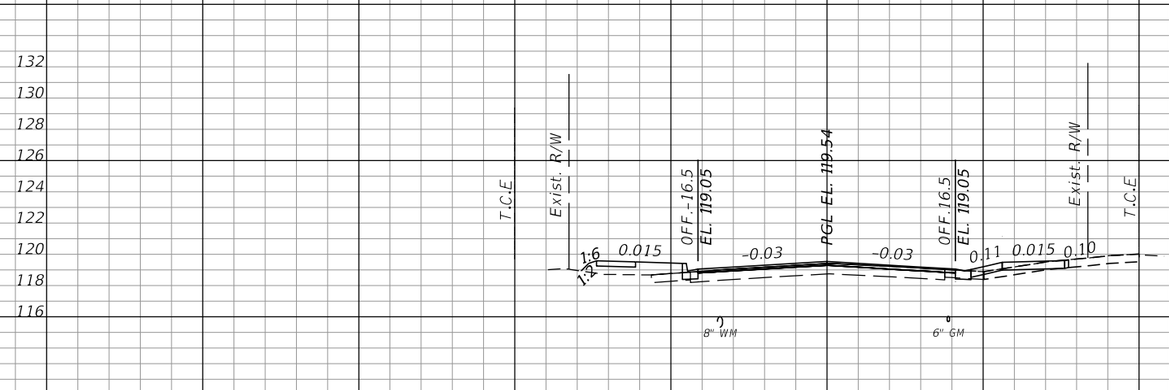
	Regular Exc.		Embankment	
	A	V	A	V



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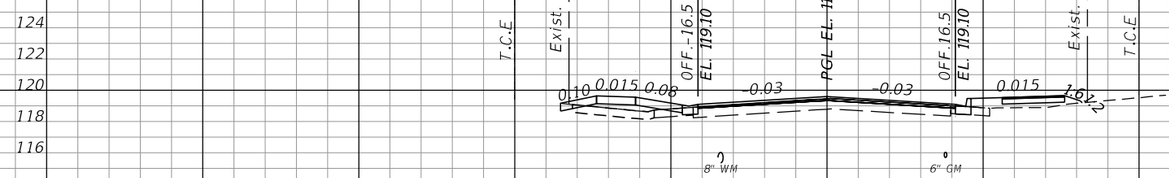

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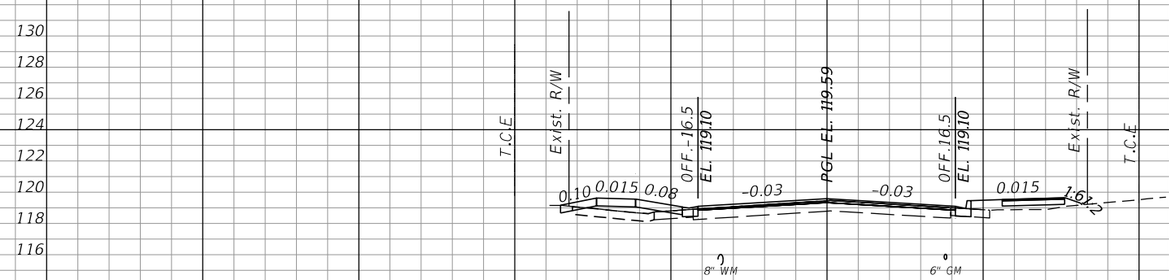

241+49.90

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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SHEET 202

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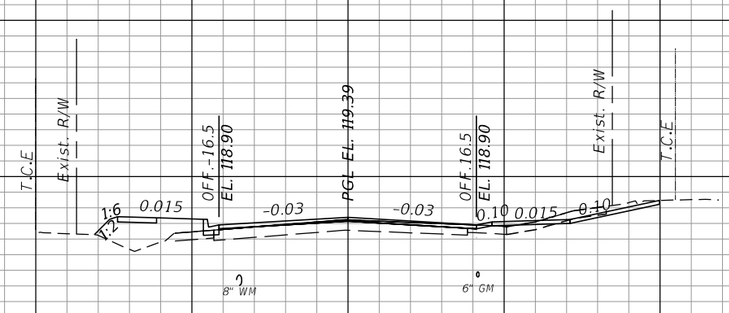
Regular Exc.		Embankment	
A	V	A	V



242+50.00

242+04.81

242+00.00

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

OLIVE ROAD STREET IMPROVEMENT PROJECT

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ENGINEER OF RECORD: ALEXANDER J. WELFLE
REG. FLA. ENG. NO.: 86552
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CHECKED BY: JH
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PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 16, 20, & 21 / 1S / 30W

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SHEET 203

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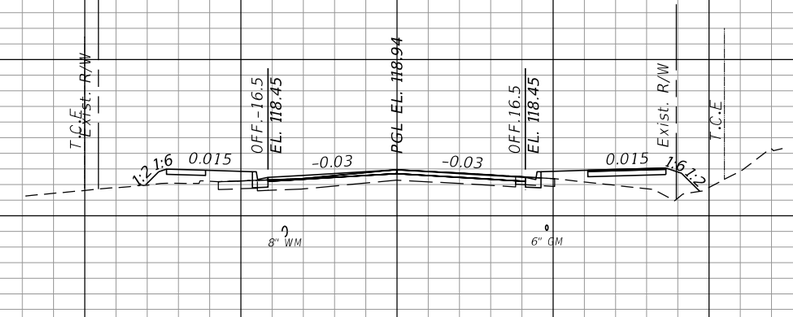

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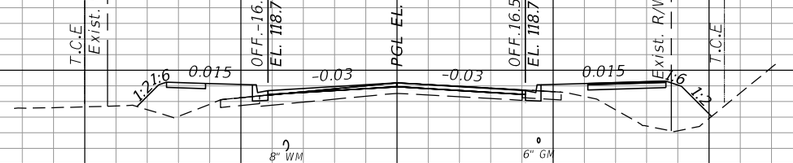

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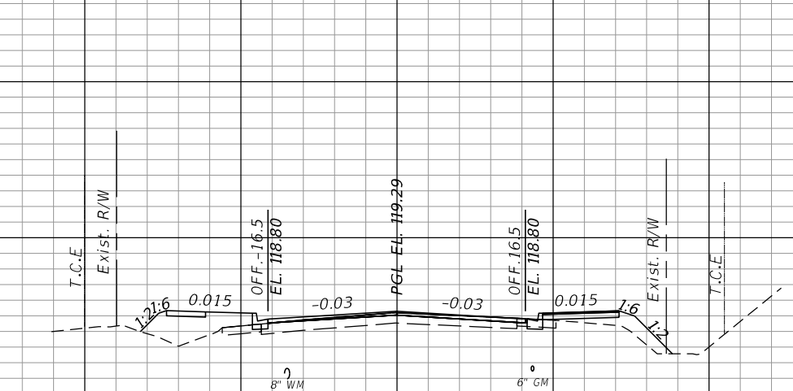

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SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

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: 5/11/2022	PROJECT MANAGER: DENISE C. BREWER	DISTRICT: 3 & 4	REG. FLA. ENG. NO.: 86552 / PHONE NUMBER: (850) 815-3040
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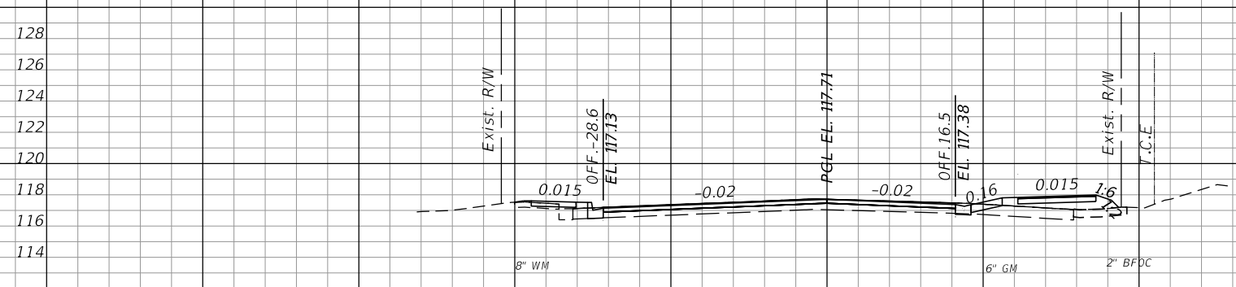

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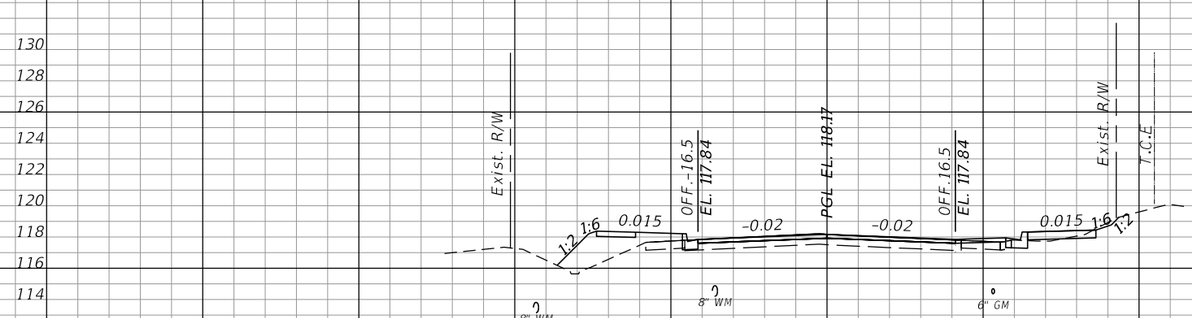

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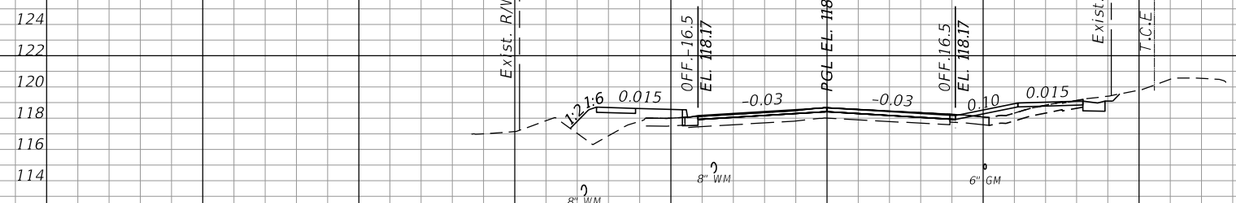

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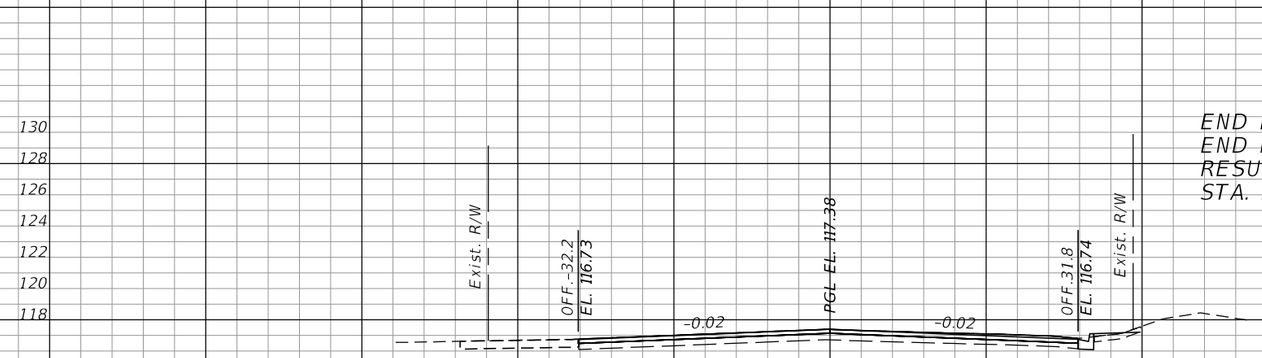

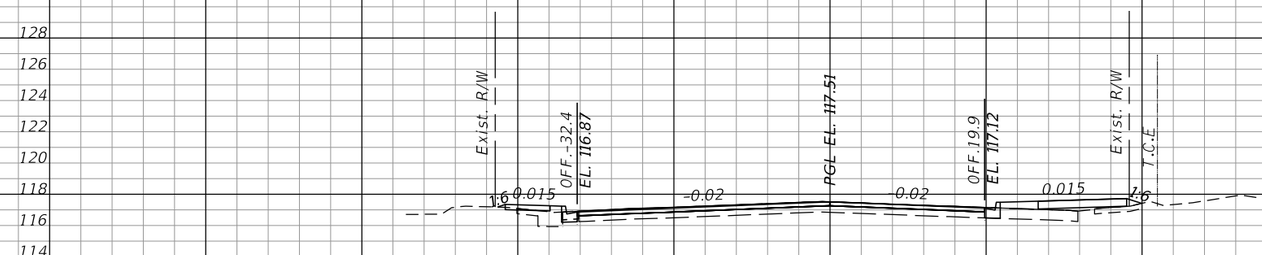

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OLIVE ROAD STREET IMPROVEMENT PROJECT

CROSS SECTIONS

ESCAMBIA COUNTY, FLORIDA

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11:32:25 AM

SITE DESCRIPTION

OLIVE ROAD (WEST)
ESCAMBIA COUNTY, FLORIDA

ESCAMBIA COUNTY
3363 PARK PLACE
PENSACOLA, FL 32505
(850) 595-3440

SITE LOCATION:
THE PROJECT IS BOUNDED BY;
OLD PALAFOX ROAD ON THE WEST SIDE
DAVIS HIGHWAY (S.R. 295) ON THE EAST SIDE

ESCAMBIA COUNTY, FLORIDA
ESCAMBIA COUNTY SECTION 18,20, & 21 / TOWNSHIP 01 SOUTH, RANGE 30 WEST

DESCRIPTION:
SOIL DISTURBING ACTIVITIES WILL INCLUDE:
CLEARING AND GRUBBING, CONCRETE REMOVAL, EXISTING DRAINAGE STRUCTURE REMOVAL, EARTHWORK, GRADING, AND LANDSCAPING.

SOILS:
SEE SOIL BORING REPORT AND SOILS SURVEY FOR SOILS DATA

SITE MAPS:
*SEE ATTACHED CONSTRUCTION PLANS WITH CONSTRUCTION ACTIVITIES WITH PROPOSED SIDEWALK, MULTI-USE PATH, ROADWAY WIDENING, DRAINAGE PLANS FOR POST DEVELOPMENT GRADES, AREAS OF SOILS, DISTURBANCE, LOCATION OF SURFACE WATERS, WETLANDS, PROTECTED AREAS, MAJOR STRUCTURAL AND NONSTRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.

SITE AREA:
TOTAL SITE AREA: 20.29 ACRES (AREA WITHIN R/W)
TOTAL AREA TO BE DISTURBED = 19.06 ACRES
TOTAL POND AREA: 2.44 ACRES

NAME OF RECEIVING WATERS: CARPENTER CREEK

CONTROLS

THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND SEDIMENTATION CAUSED BY STORMWATER RUNOFF. EROSION AND SEDIMENTATION CONTROLS ON THE ROADWAYPLAN HAVE BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.

STORMWATER MANAGEMENT

STORMWATER TREATMENT, CONVEYANCE, AND ATTENUATION WILL BE PROVIDED.

GENERAL

THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED HEREON AND THOSE MEASURES SHOWN IN THE PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE CONTRACTOR MAY BE REQUIRED TO IMPLEMENT SEDIMENTATION CONTROL MEASURES NOT SPECIFICALLY LISTED OR SHOWN HEREON AT NO COST TO THE OWNER.

SEQUENCE OF MAJOR ACTIVITIES:

THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:

1.INSTALL EROSION AND SEDIMENTATION CONTROLS ACCORDING TO THE CONTRACT DOCUMENTS. ONLY CLEAR AND GRUB ENOUGH TO INSTALL EROSION AND SEDIMENTATION CONTROLS.

2.CONSTRUCT ROAD AND DRAINAGE IMPROVEMENTS.

3.INSTALL ADDITIONAL EROSION AND SEDIMENTATION CONTROLS AS MAY BE WARRANTED TO CONTROL ADVERSE ENVIRONMENTAL IMPACTS AND TO MEET APPLICABLE PERMIT REQUIREMENTS.

4.MAINTAIN EROSION AND SEDIMENTATION CONTROLS AND REPAIR ERODED AREAS THROUGHOUT CONSTRUCTION UNTIL THE ROADWAYIS STABILIZED AND ACCEPTED BY THE OWNER.

PERMITS:

1.CONTRACTOR SHALL OBTAIN A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR CONSTRUCTION ACTIVITIES AND SHALL ABIDE BY NPDES PERMIT CONDITIONS. CONTRACTOR MAY UTILIZE THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) INCLUDED IN THESE PLANS OR PROVIDE HIS OWN SWPPP FOR NPDES PERMITTING.

2.OWNER WILL OBTAIN AN ENVIRONMENTAL RESOURCE PERMIT (ERP) FROM THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWMD) OR A STORMWATER MANAGEMENT PERMIT FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) FOR THE PROJECT. CONTRACTOR SHALL ABIDE BY THE CONDITIONS OF THE ERP OR STORMWATER MANAGEMENT PERMIT.

3.COST FOR OBTAINING AN NPDES PERMITS AND FOR ABIDING BY ALL PERMIT CONDITIONS SHALL BE BORNE BY THE CONTRACTOR.

4.CONTRACTOR SHALL PROVIDE A COPY OF HIS NPDES PERMIT NOI TO THE ESCAMBIA COUNTY ENGINEER.

TIMING OF CONTROLS/MEASURES

AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN UPSTREAM AREAS OF THE ROADWAY WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN AN AREA, THAT AREA WILL BE STABILIZED PERMANENTLY IN ACCORDANCE WITH THE PLANS. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM ANY SEDIMENT TRAPS.

CONTROLS

IT IS THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND SEDIMENTATION CONTROLS AS SHOWN ON THE ROADWAY PLAN. IT IS ALSO THE CONTRACTORS RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE ROADWAY PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED,TO ENSURE THE SITE MEETS ALL FEDERAL, STATE AND LOCAL EROSION AND SEDIMENTATION CONTROL REQUIREMENTS AT NO ADDITIONAL COST TO THE OWNER. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED BY THE EROSION AND SEDIMENTATION CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND SEDIMENTATION REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.

EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES

1.HAY BALE BARRIER: HAY BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:

1.A.WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.

1.B.IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.

1.C.WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.

1.D.EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.

2.FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:

2.A.WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.

2.B.IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.

3.BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. USE OF BRUSH BARRIER MUST RECEIVE SEPARATE APPROVAL FROM THE OWNER.

4.LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.

5.STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT ROADWAYINTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.

6.EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 20 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-ROADWAYDEPOSIT OF SEDIMENTS.

7.DROP INLET PROTECTION: PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE DROP INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-GRATEGUARD GRATE COVER, ULTRA-TECH ULTRA-DRAINGUARD CATCH BASIN INSERT, OR EQUIVALENT) AT ALL EXISTING OR INSTALLED DROP INLET BOXES WHERE THE TOP OF BOX IS NOT AT LEAST 10" ABOVE THE NEAREST ADJACENT UNFINISHED GRADE.

8.CURB INLET PROTECTION: PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STRAW BALE CURB INLET SEDIMENT FILTERS AND/OR PRE-MANUFACTURED INLET INSERTS (ULTRA-TECH ULTRA-CURBGUARD, ULTRA-TECH ULTRA-GUTTERGUARD, OR EQUIVALENT) AT ALL EXISTING OR INSTALLED CURB INLETS.

9.TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 20 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS OR SIMILAR SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPETE WITH THE PERMANENT GRASSING.

10.TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 9 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.

11.TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. TEMPORARY GRASSING SHALL BE THE SAME MIX & AMOUNT REQUIRED FOR PERMANENT GRASSING IN THE CONTRACT SPECIFICATIONS.

12.TEMPORARY REGRASSING: IF, AFTER 30 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.

13.MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.

14.PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.

15.PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SODDED.

16.REFER TO OTHER NOTES AND/OR DETAILS FOR MORE RESTRICTIVE GRASSING/SODDING REQUIREMENTS.

STRUCTURAL PRACTICES

1.THE FOLLOWING MEASURES MAY BE USED EARLY IN THE PROJECT AS APPROPRIATE.

2.TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF THROUGH A SEDIMENT-TRAPPING FACILITY.

3.TEMPORARY SEDIMENT TRAP: A SEDIMENT TRAP SHALL BE INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA. THE FOLLOWING SEDIMENT TRAPS MAY BE CONSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE:

3.A.BLOCK & GRAVEL SEDIMENT FILTER - THIS PROTECTION IS APPLICABLE WHERE HEAVY FLOWS AND/OR WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.

3.B.GRAVEL SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED, BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES & UNPROTECTED AREAS.

3.C.DROP INLET SEDIMENT TRAP - THIS PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA (S < 5%) AND WHERE SHEET OR OVERLAND FLOWS (Q < 0.5 CFS) ARE TYPICAL. THIS METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS SUCH AS IN STREET OR HIGHWAY MEDIANS.

4.OUTLET PROTECTION: REQUIRED AT THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE FLOW COULD CAUSE EROSION & SEDIMENT PROBLEM TO THE RECEIVING WATER BODY. SILT FENCE & HAY BALES ARE TO BE INSTALLED IMMEDIATELY DOWNSTREAM OF THE DISCHARGE STRUCTURE AS SHOWN ON THE OUTLET PROTECTION DETAIL.

5.SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME, THE PROPOSED STORM WATER PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3,600 CUBIC FEET OF STORAGE PER ACRE DRAINED UNTIL FINAL STABILIZATION OF THE SITE.

5.A.THE 3,600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.

OLIVE ROAD STREET IMPROVEMENT PROJECT

STORMWATER POLLUTION

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

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OTHER CONTROLS

WASTE DISPOSAL

LAND CLEARING/EXCAVATION MATERIALS

EXCESS SOIL AND OTHER LAND CLEARING MATERIALS SHALL BE DISPOSED OF IN LAWFULLY PERMITTED OFF SITE FACILITIES. THE OWNER MAY PROVIDE ONSITE UPLAND LOCATION(S) FOR TEMPORARY OR PERMANENT DISPOSAL OF SOIL OR LAND CLEARING DEBRIS.

WASTE MATERIALS

CONTRACTOR SHALL BE RESPONSIBLE FOR STORING AND ULTIMATE DISPOSAL OF ALL WASTE MATERIALS IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS, RULES, CODES, AND REGULATIONS.
ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL CONTAINER. THE CONTAINER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE CONTAINER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

HAZARDOUS WASTE

ANY AND ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT. THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.
SANITARY WASTE ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DEPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.

INVENT.FOR POLLUTION PREVENTION PLAN

THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:

☒ CONCRETE	☒ FERTILIZERS	☒ WOOD
☒ ASPHALT	☒ PETROLEUM BASED PROD.	☐ MASONARY BLOCKS
☒ TAR	☐ CLEANING SOLVENTS	☐ ROOFING MATERIALS
☐ DETERGENTS	☒ PAINTS	☐ METAL STUDS
☐ TRANSFORMERS	☒ LIGHTING EQUIPMENT	☐ _____

SPILL PREVENTION

MATERIAL MANAGEMENT PRACTICES

THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.

GOOD HOUSEKEEPING

THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.

*AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.

*ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.

*PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.

*SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.

* WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

*MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.

*THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

*PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.

*ORIGINAL LABELS AND MATERIAL SAFETY DATA SHEETS WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.

*IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

PRODUCT SPECIFIC PRACTICES
THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:

PETROLEUM PRODUCTS

ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM BASED PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED.

FERTILIZERS

FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

PAINTS

USE MANUFACTURES SPECIFICATIONS AND RECOMMENDATIONS FOR STORAGE AND DISPOSAL OF PAINT PRODUCTS.

CONCRETE TRUCKS

SHALL NOT BE CLEANED OR DISCHARGE SPOILED OR UNUSED CONCRETE ONSITE UNLESS OTHERWISE COORDINATED WITH THE OWNER

FUELING/LUBRICATION/MAINTENANCE OF VEHICLES AND EQUIPMENT

FUEL SHALL NOT BE STORED ONSITE. ALL FUEL, LUBRICANTS, AND RELATED SUBSTANCES SHALL BE PROVIDED VIA FUEL/LUBRICATION TRUCK. ONLY REQUIRED FUELING AND NORMAL MINOR LUBRICATION AND MAINTENANCE WILL OCCUR ONSITE.

SPILL CONTROL PRACTICES

IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:

MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.

MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT i.e. KITTY LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.

ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.

THE SPILL AREA WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.

SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL.

THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.

THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

SEDIMENTATION AND EROSION CONTROL NOTES FOR DEMOLITION

1.REFER TO GENERAL CONSTRUCTION NOTES.

2.DEMOLITION INCLUDES COMPLETE WRECKING OF STRUCTURES AND THE REMOVAL AND DISPOSAL OF PAVEMENT, STRUCTURES, PIPING, MECHANICAL AND ELECTRICAL EQUIPMENT, CONCRETE, STEEL, AND ALL OTHER MISCELLANEOUS MATERIALS AND DEBRIS AS REQUIRED TO PREPARE THE SITE FOR NEW CONSTRUCTION.

3.ALL SEDIMENTATION / EROSION CONTROLS MUST BE CONSTRUCTED / IN PLACE PRIOR TO DEMOLITION.

4.THE USE OF EXPLOSIVES WILL NOT BE PERMITTED.

5.THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL ITEMS OF SALVAGEABLE VALUE. ALL MATERIALS AND ITEMS NOT SALVAGED AND DELIVERED TO THE OWNER SHALL BE REMOVED OFF SITE FOR DISPOSAL IN FULL ACCORDANCE WITH ALL FEDERAL, STATE, AND COUNTY LAWS, CODES, REGULATIONS, AND ORDINANCES.

6.BURNING OF DEMOLITION DEBRIS ON THE PROJECT SITE WILL BE PERMITTED (SEE GENERAL NOTES FOR ADDITIONAL INFORMATION).

7.CONTRACTOR SHALL USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT THE AMOUNT OF DUST AND DIRT RISING AND SCATTERING IN THE AIR TO THE LOWEST PRACTICAL LEVEL.

8.CONTRACTOR SHALL CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION OPERATIONS.

9.CONTRACTOR SHALL TAKE MEASURES AS MAY BE NECESSARY TO ENSURE THAT DUST, DIRT, OR DEBRIS IS NOT DEPOSITED ON STREET(S) BY HIS DEMOLITION OPERATIONS OR BY TRUCKING OPERATIONS. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SUCH DUST, DIRT, OR DEBRIS FROM THE ROADWAY(S).

10.CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL EXISTING UTILITY SERVICE LINES AND IF DEEMED NECESSARY, REROUTING, UNHOOKING, CAPPING OR BULK HEADING, AND REMOVING AND ABANDONING ALL UTILITIES AS NECESSARY TO COMPLETE THE WORK. CONTRACTOR SHALL COORDINATE ANY UTILITY DEMOLITION OPERATIONS WITH THE APPLICABLE UTILITY OWNER AND LEAVE ALL ABANDONED UTILITY CONNECTIONS AS SPECIFIED BY THE APPLICABLE UTILITY OWNER.

SEDIMENTATION AND EROSION CONTROL NOTES FOR CONSTRUCTION DURATION

1.CONTRACTOR SHALL CONDUCT SITE OPERATIONS IN A MANNER THAT DOES NOT CAUSE OR ALLOW OFFSITE TRANSPORT OF SEDIMENT.

2.CONTRACTOR SHALL PROVIDE SEDIMENT CONTROL MEASURES AS APPROPRIATE DURING CONSTRUCTION INCLUDING BUT NOT LIMITED TO STAKED HAYBALE DITCH PROTECTION (OR EQUIVALENT).

3.WHERE STRAW BALE BARRIERS ARE USED, CONTRACTOR SHALL TIGHTLY ABUT AND CHINK BETWEEN BALES WITH LOOSE STRAW AND SHALL EMBED BALES 4" INTO THE SOIL TO ENSURE THAT STORM RUNOFF DOES NOT BYPASS THE STRAW BALE BARRIER.

4.WHERE PRE-MANUFACTURED PRODUCTS ARE USED, CONTRACTOR SHALL REMOVE AND REPLACE THE COVERS/INSERTS WHEN THEY BECOME CLOGGED.

5.CONTRACTOR SHALL INSPECT THE SEDIMENT CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER EVERY RAINFALL EVENT OF ¼" OR MORE.

6.CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY SEDIMENT CONTROL MEASURE THAT IS RENDERED DAMAGED OR INEFFECTIVE BY NORMAL USE OR EXTREME RAINFALL EVENTS.

7.IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.

8.CONTRACTOR SHALL SOD ALL DISTURBED AREAS AS SOON AS PRACTICAL FOLLOWING GRADING OPERATIONS.

9.CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR DEWATERING IF DEWATERING IS PERFORMED.

10.CONTRACTOR SHALL CONTAIN ALL DEWATERING DISCHARGE AND INFILTRATE BACK INTO AN ONSITE INFILTRATION SYSTEM, OR OBTAIN PERMIT FOR DISCHARGE OFFSITE.

CONSTRUCTION SEQUENCE NOTES

1.CONTRACTOR SHALL PROVIDE CONSTRUCTION NOTIFICATION PRIOR TO INITIATING CONSTRUCTION IN ACCORDANCE WITH ALL PERMIT CONDITIONS AND COUNT STANDARDS.

2.CONCEPTUAL PHASING PLAN AS SHOWN IN THIS PLAN SET IS PROVIDED SOLELY AS A GUIDE AND CONTRACTOR IS RESPONSIBLE FOR THE DEVELOPMENT AND IMPLEMENTATION OF CONSTRUCTION PHASING BASED ON SCHEDULE, WEATHER CONDITIONS, ETC.

3.CONTRACTOR SHALL PLACE ALL PERIMETER SEDIMENT CONTROL PRIOR TO CLEARING AND GRUBBING, AS SHOWN ON SHEET CD-101, AND SHALL MAINTAIN SEDIMENT CONTROLS DURING DEMOLITION.

4.INSTALL TEMPORARY EROSION CONTROL AND DIVERSION MEASURES FOR STORMWATER MANAGEMENT PRIOR TO DEMOLITION OF THE EXISTING DITCH.

5.PRIOR TO POND BOTTOM STABILIZATION ALL ACCUMALATED SEDIMENT FROM CONSTRUCTION MUST BE REMOVED. CONTRACTOR TO REMOVE THE TOP LAYER OF THE POND BOTTOMS TO A DEPTH OF 2 TO 3 INCHES AND SCARIFY OR DEEP-RAKE THE EXCAVATED BOTTOM. REPLACE EXCAVATED BOTTOM MATERIAL WITH SUITABLY PERMEABLE MATERIAL AND RESTORE THE POND BOTTOMS TO DESIGN GRADE.

6.REMOVE PERIMETER SEDIMENT CONTROL ONLY AFTER SITE IS FULLY STABILIZED.

OLIVE ROAD STREET IMPROVEMENT PROJECT

STORMWATER POLLUTION

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: 5/17/2022 | 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

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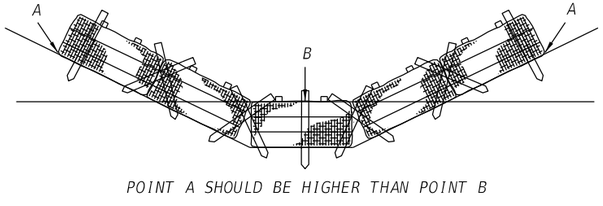

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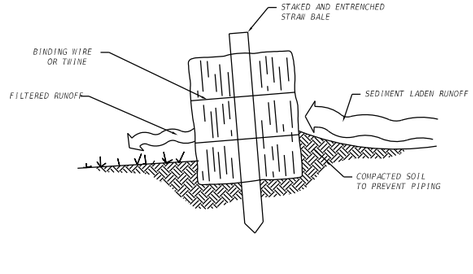


NOTES FOR SYNTHETIC BALES OR BALE TYPE BARRIERS

1. BALES SHALL BE TRENCHED 3" TO 4" AND ANCHORED WITH 2-1" x 2" (OR 1" DIA.) x 4' WOOD STAKES. STAKES OR OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAYBE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.

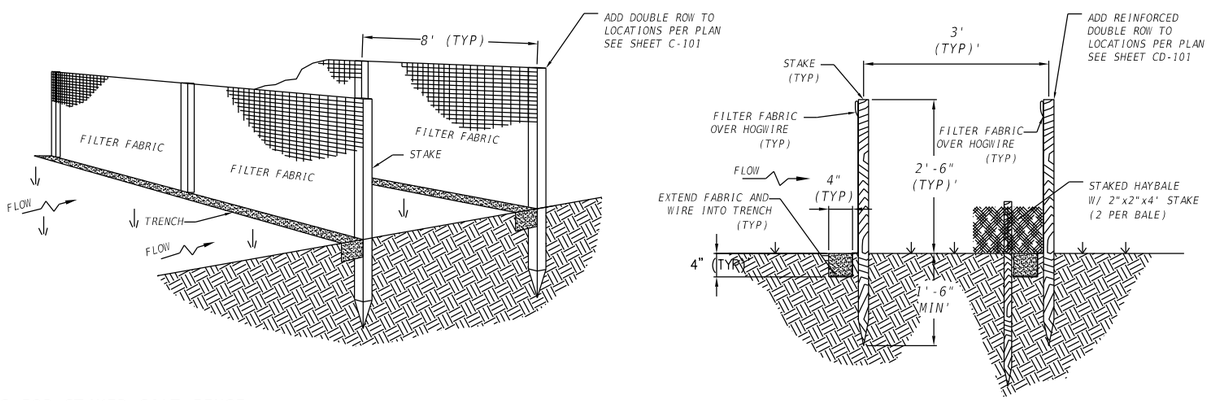
2. ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.

3. WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

4. SANDBAGS OR ROCK BAGS SHALL BE CONSIDERED EQUIVALENT.

STAKED HAYBALE DITCH LINING

SCALE: NTS



NOTES FOR STAKED SILT FENCE

1. SET THE POSTS AND EXCAVATE A 4"x4" TRENCH UP SLOPE ALONG THE LINE OF POSTS. POSTS SHALL BE SPACED A MAX. OF 10' APART @ THE BARRIER LOCATION & DRIVEN INTO THE GROUND A MIN. OF 12". WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6'.

2. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED TO THE UP SLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES @ LEAST 1" LONG, TIE WIRES OR HOG RINGS. THE WIRE MESH SHALL 20 GA. MIN OR TYPE A FENCE FABRIC AND EXTEND INTO THE TRENCH A MIN. OF 2" & SHALL NOT EXTEND MORE THAN 36" ABOVE THE ORIGINAL GROUND SURFACE.

3. ATTACH THE FILTER FABRIC TO THE WIRE MESH FENCE & EXTEND IT INTO THE TRENCH A MIN. OF 8".

4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

5. WHEN ATTACHING TWO SILT FENCES TOGETHER, PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER @ LEAST 180 DEGREES ON A CLOCKWISE DIRECTION TO CREATE A TIGHT SEAL WITH THE FILTER FABRIC & DRIVE BOTH POSTS INTO THE GROUND.

SINGLE ROW AND DOUBLE ROW STAKED SILT FENCE

SCALE: NTS

OLIVE ROAD STREET IMPROVEMENT PROJECT

STORMWATER POLLUTION

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: 5/17/2022

PROJECT MANAGER: DENISE C. BREWER

DISTRICT: 3 & 4

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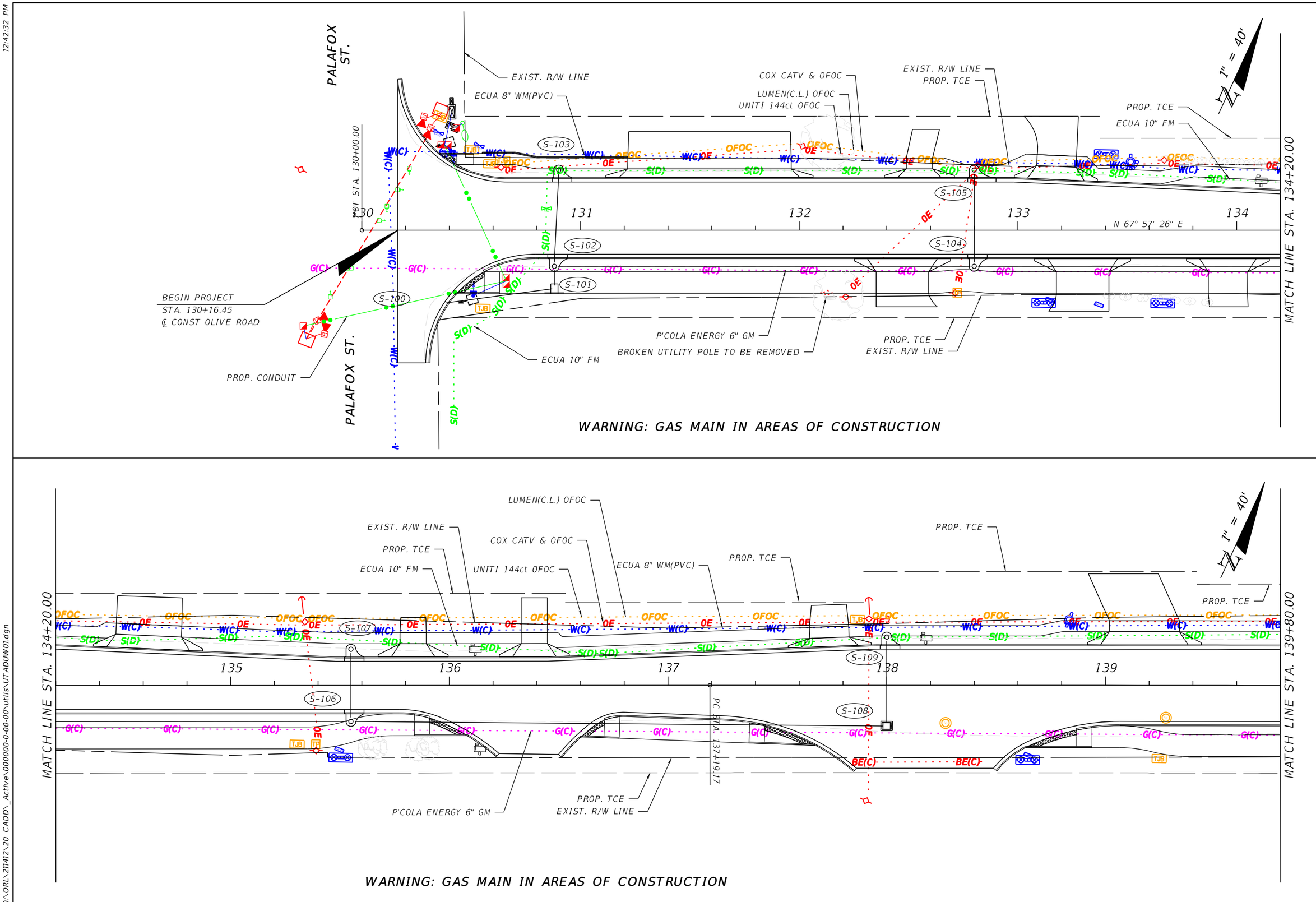

OLIVE ROAD STREET IMPROVEMENT PROJECT

UTILITY ADJUSTMENTS

ESCAMBIA COUNTY, FLORIDA

MOFFATT & NICHOL

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REG. FLA. ENG. NO.: 86552

PHONE NUMBER: (850) 815-3040

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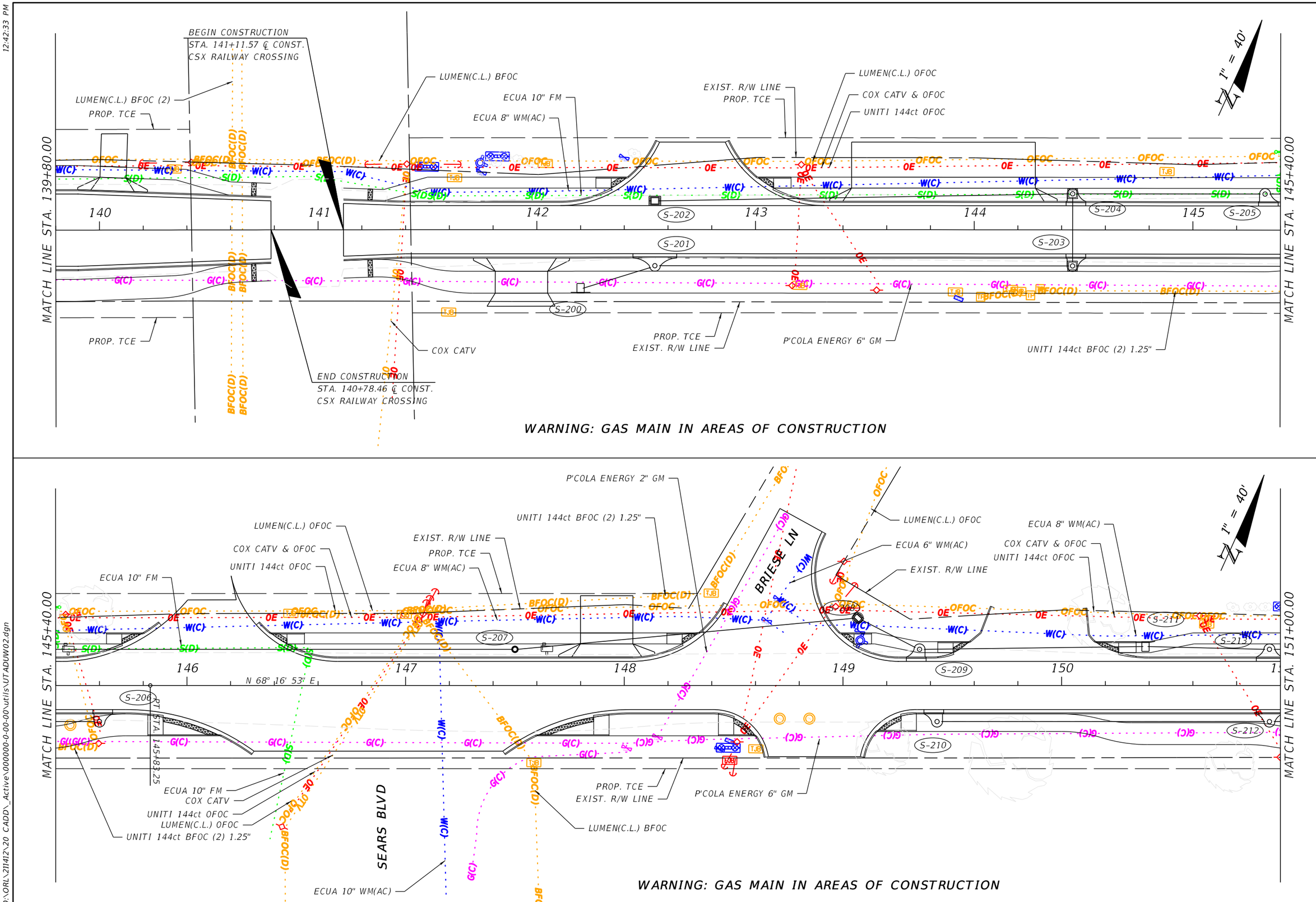

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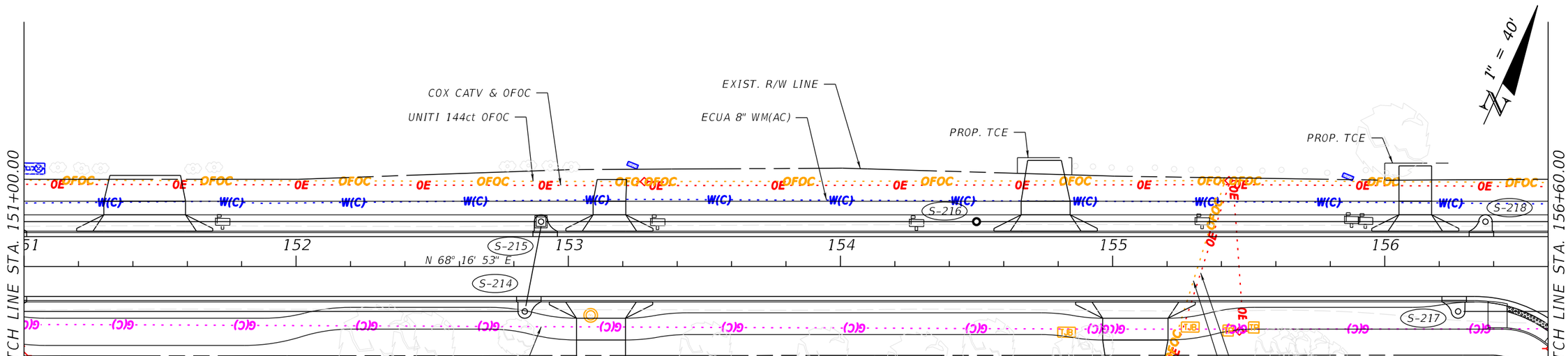

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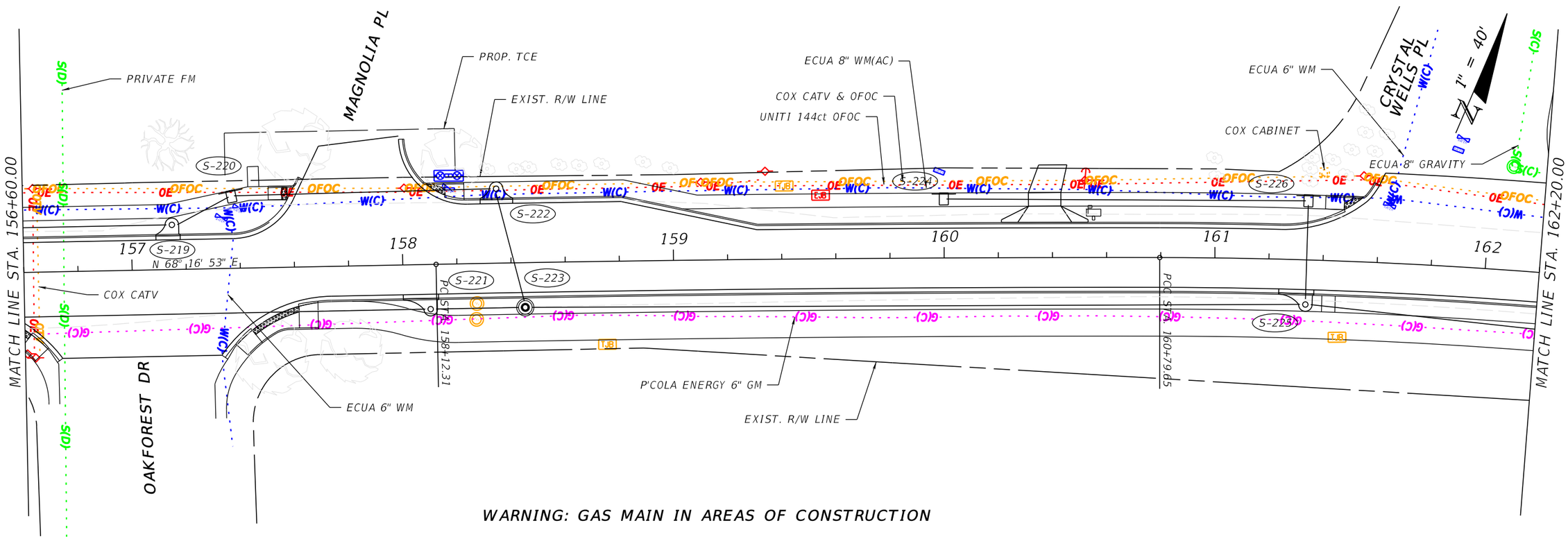

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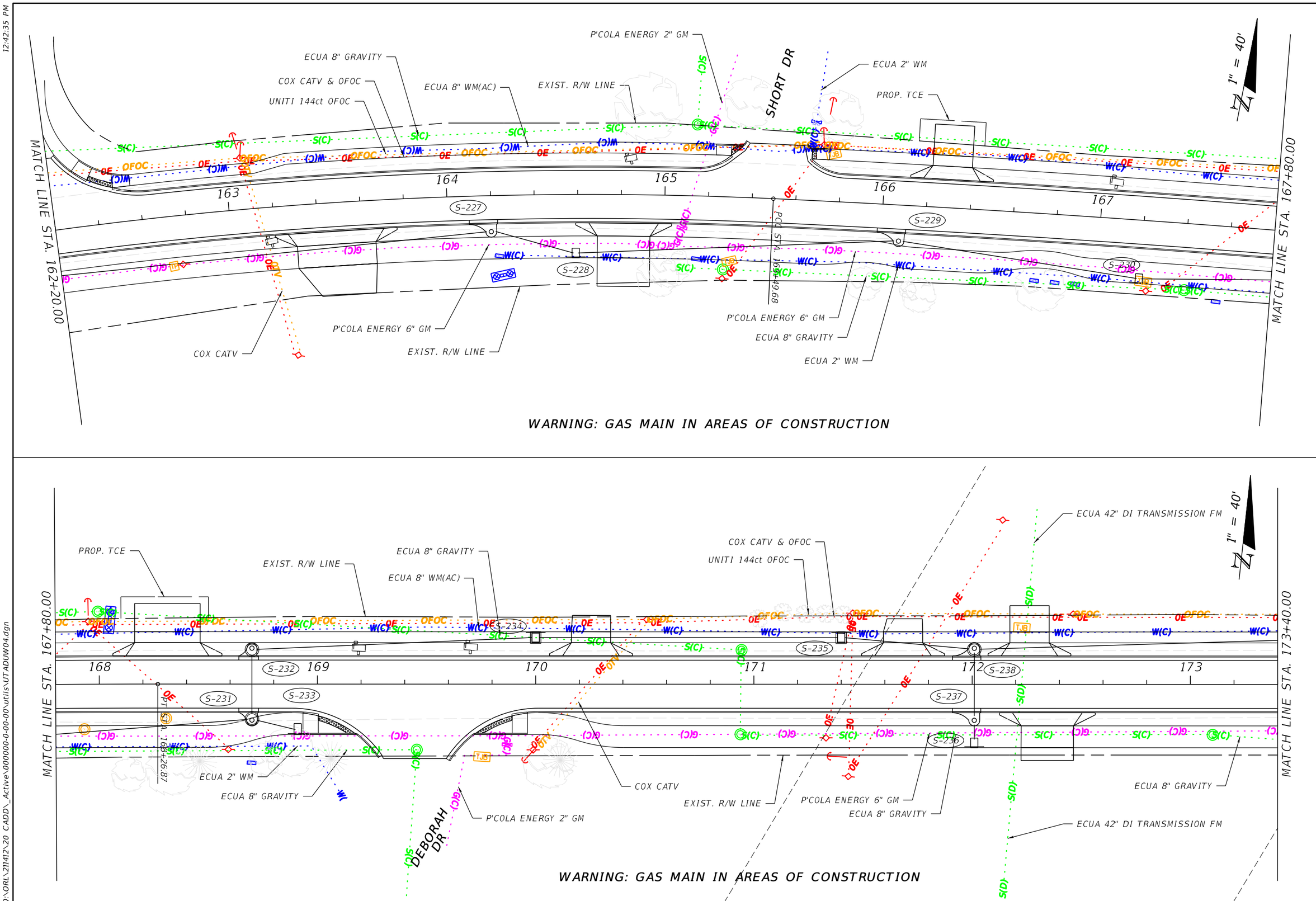

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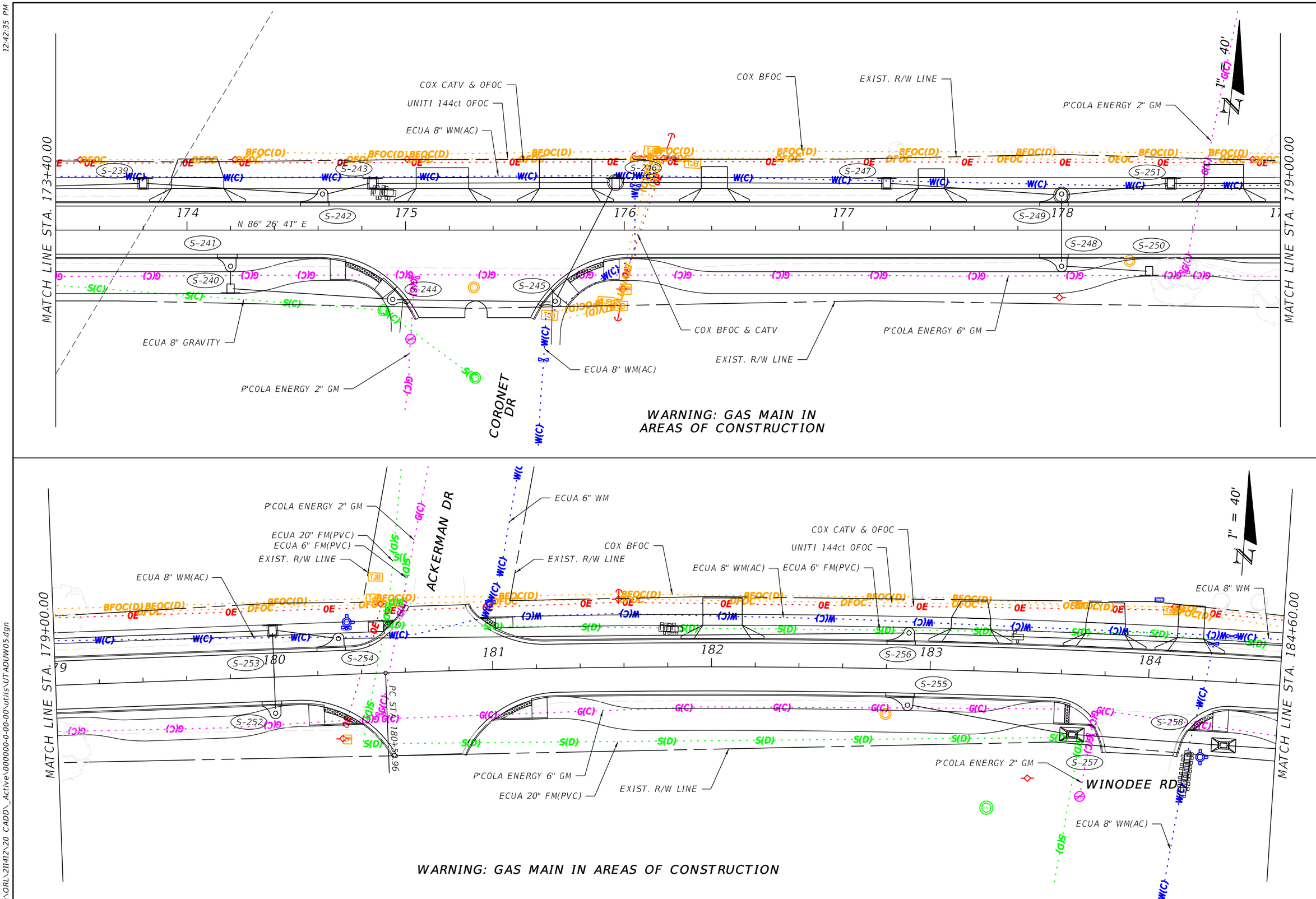

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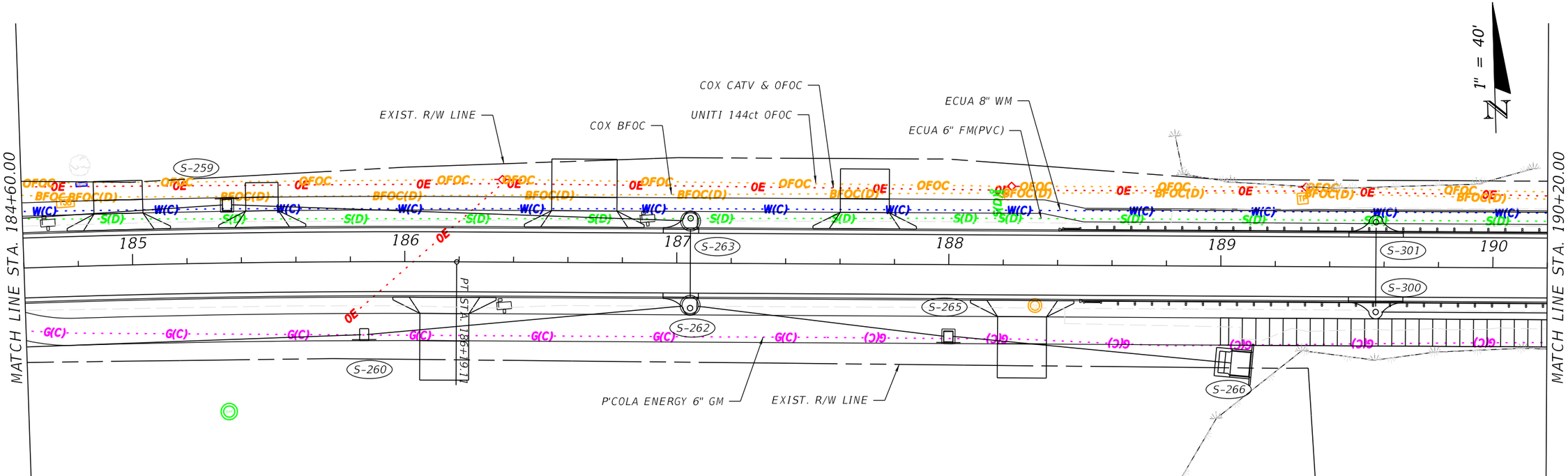

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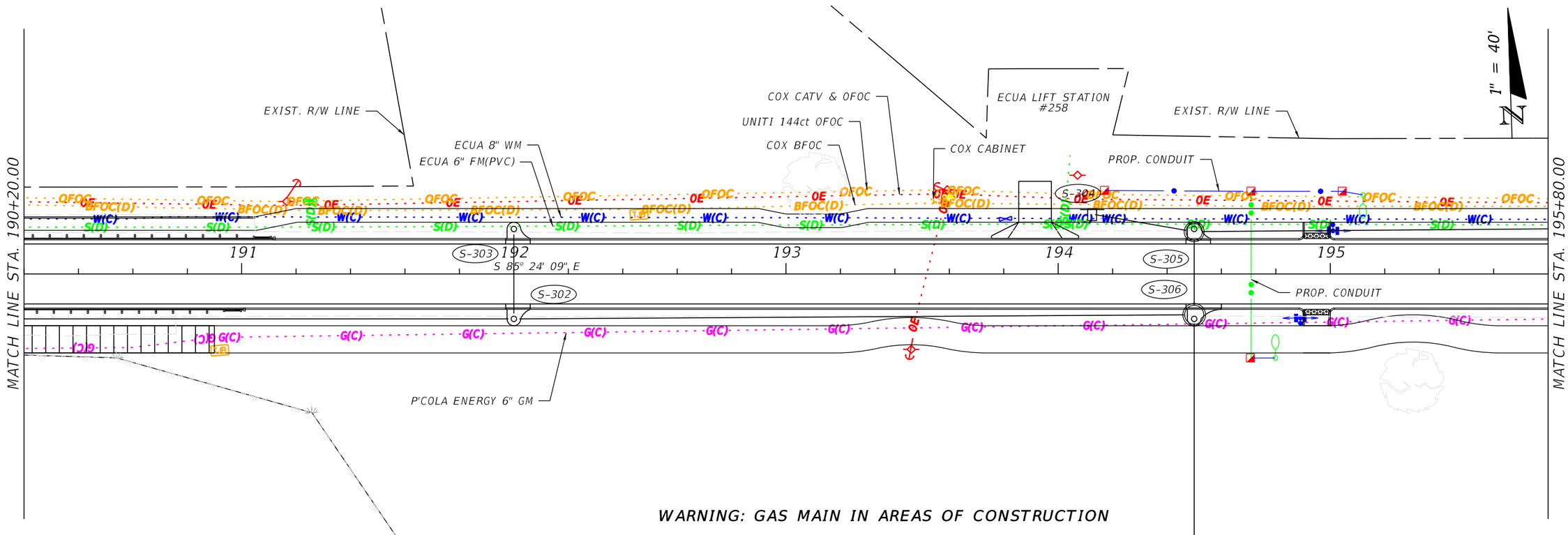

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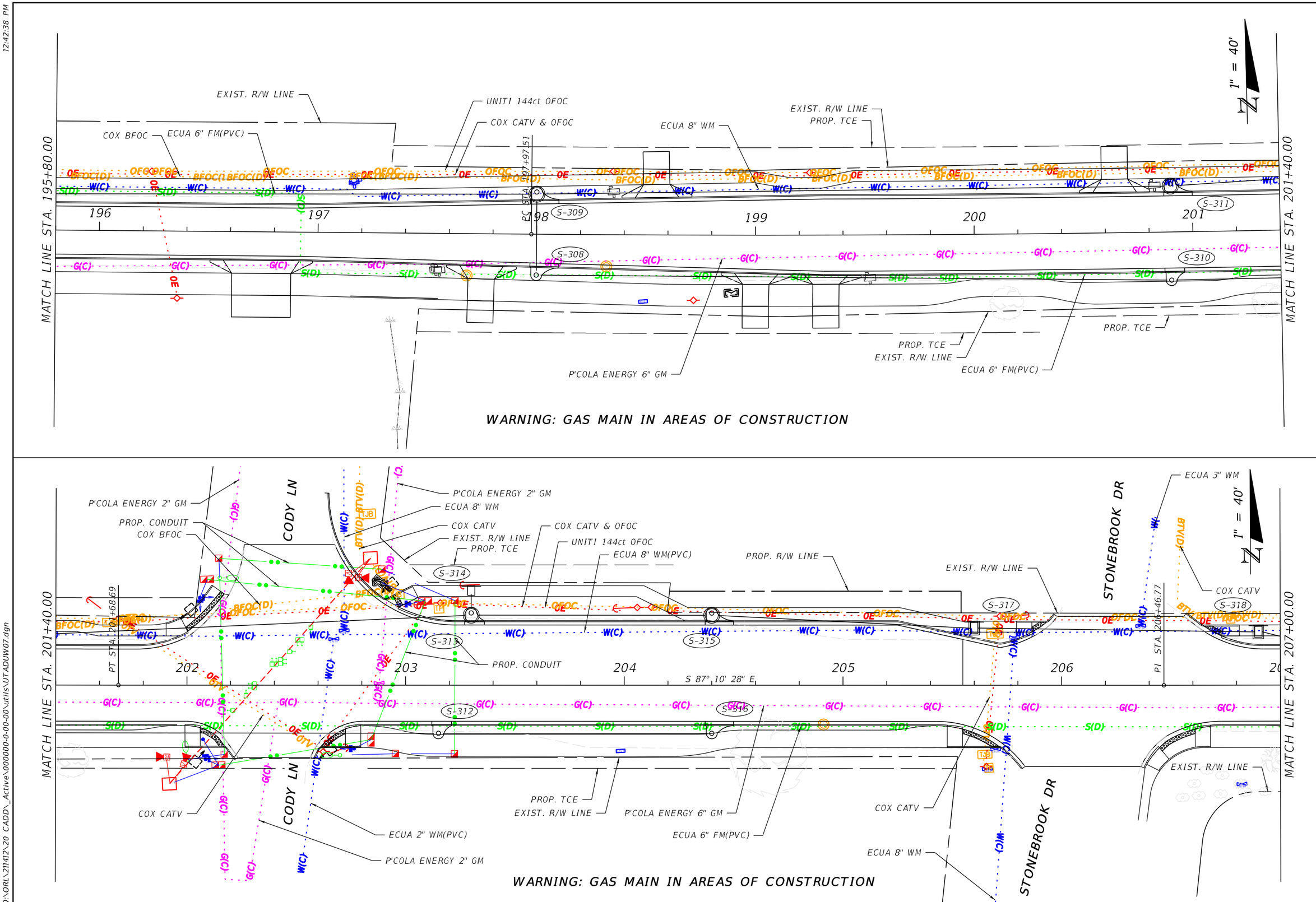

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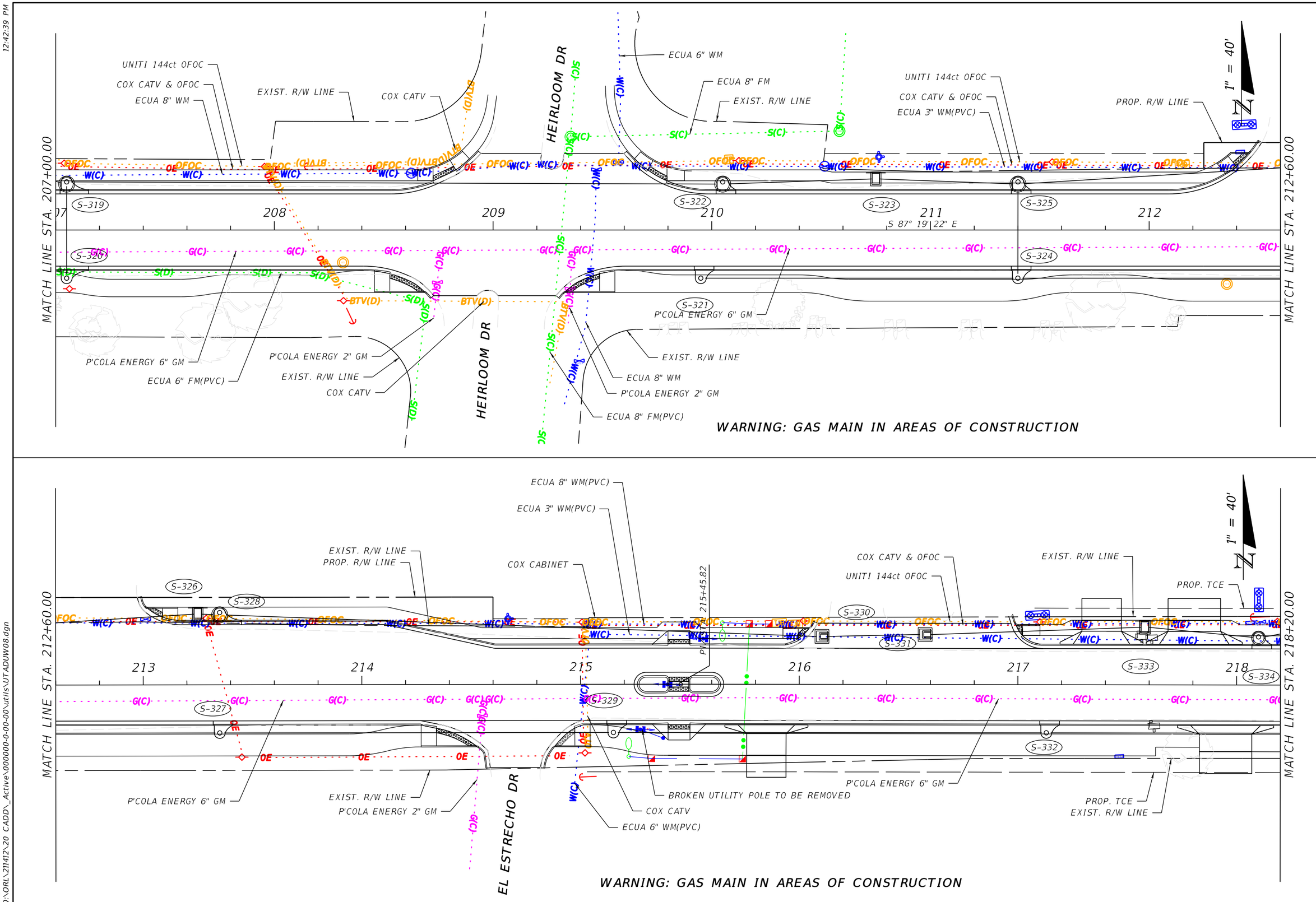

OLIVE ROAD STREET IMPROVEMENT PROJECT

UTILITY ADJUSTMENTS

ESCAMBIA COUNTY, FLORIDA

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

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

DRAWN BY: PD
DESIGNED BY: AW
CHECKED BY: JH
DATE: 5/31/2022
PROJECT MANAGER: DENISE C. BREWER
DISTRICT: 3 & 4
FIELD BOOK / PAGES:
SECTION / TOWNSHIP / RANGE: 18, 20 & 21 / 1S / 30W

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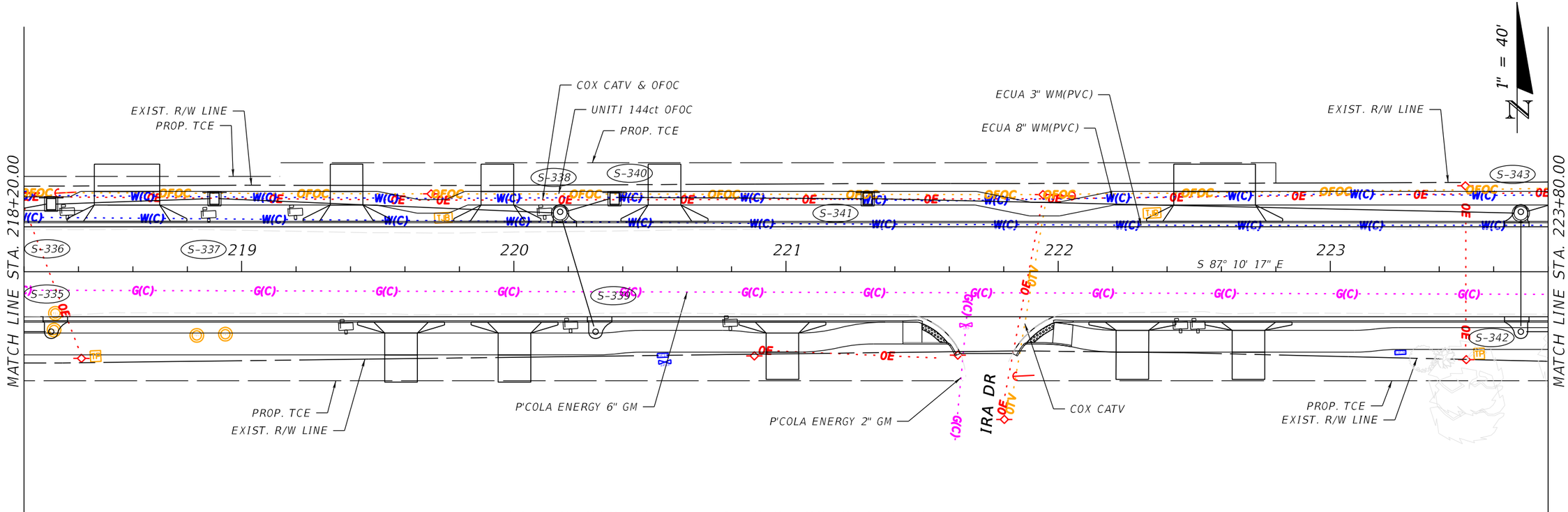

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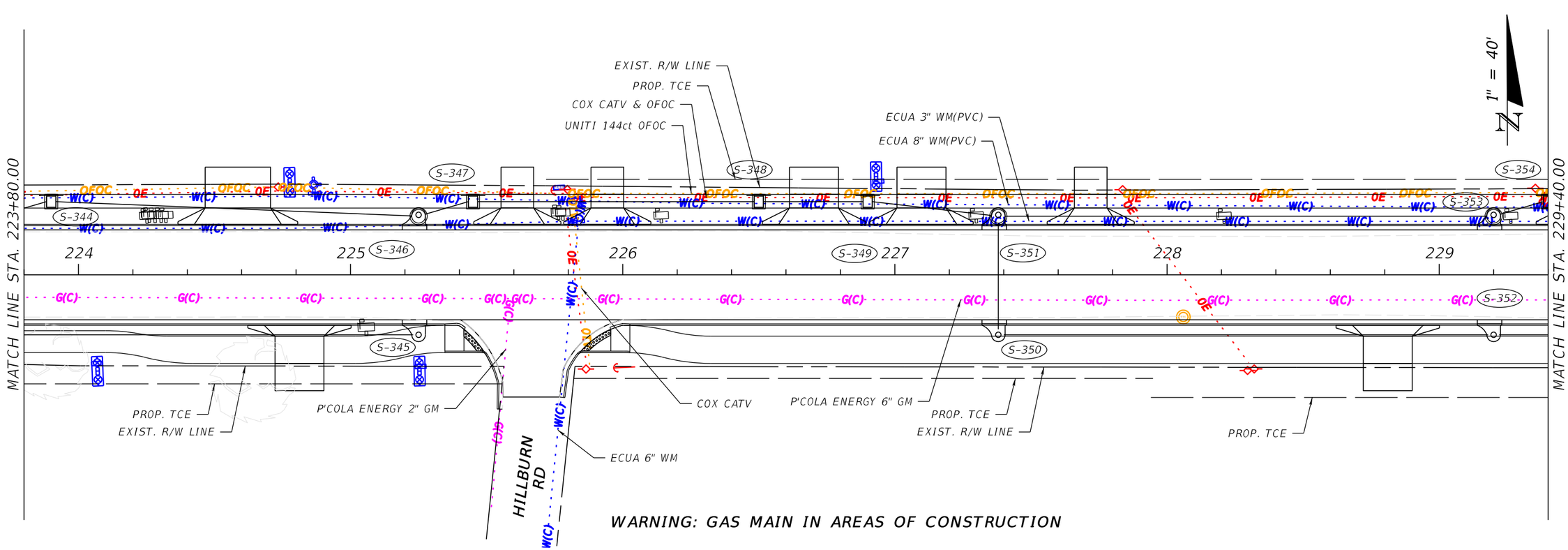

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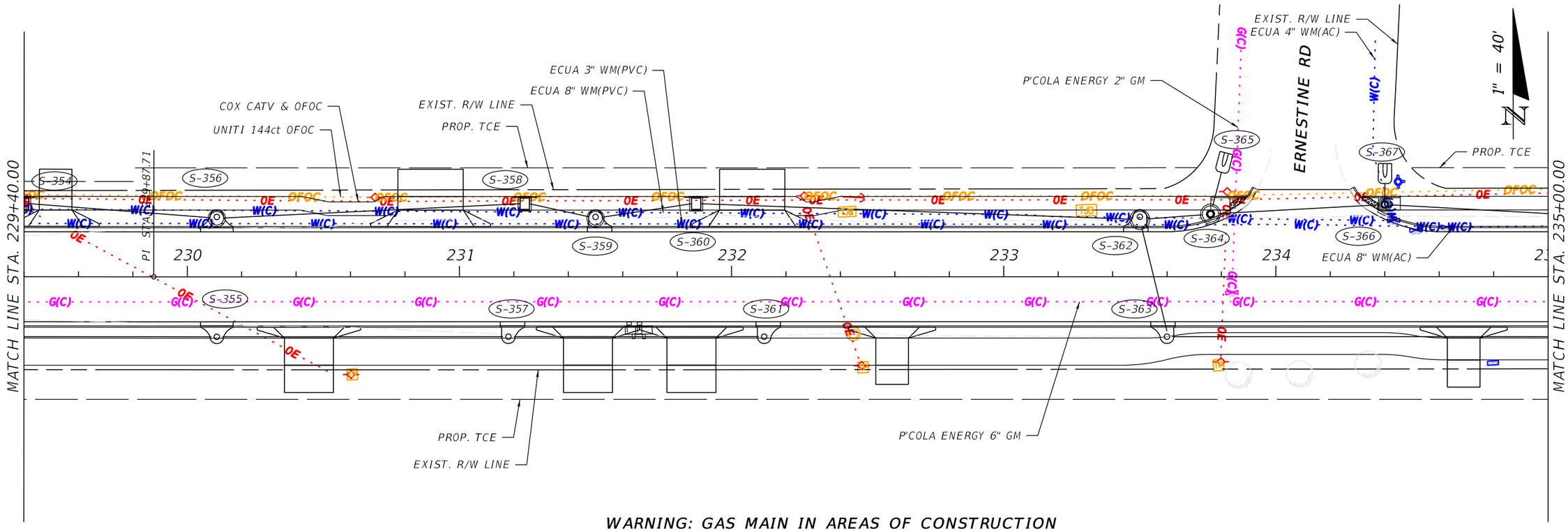

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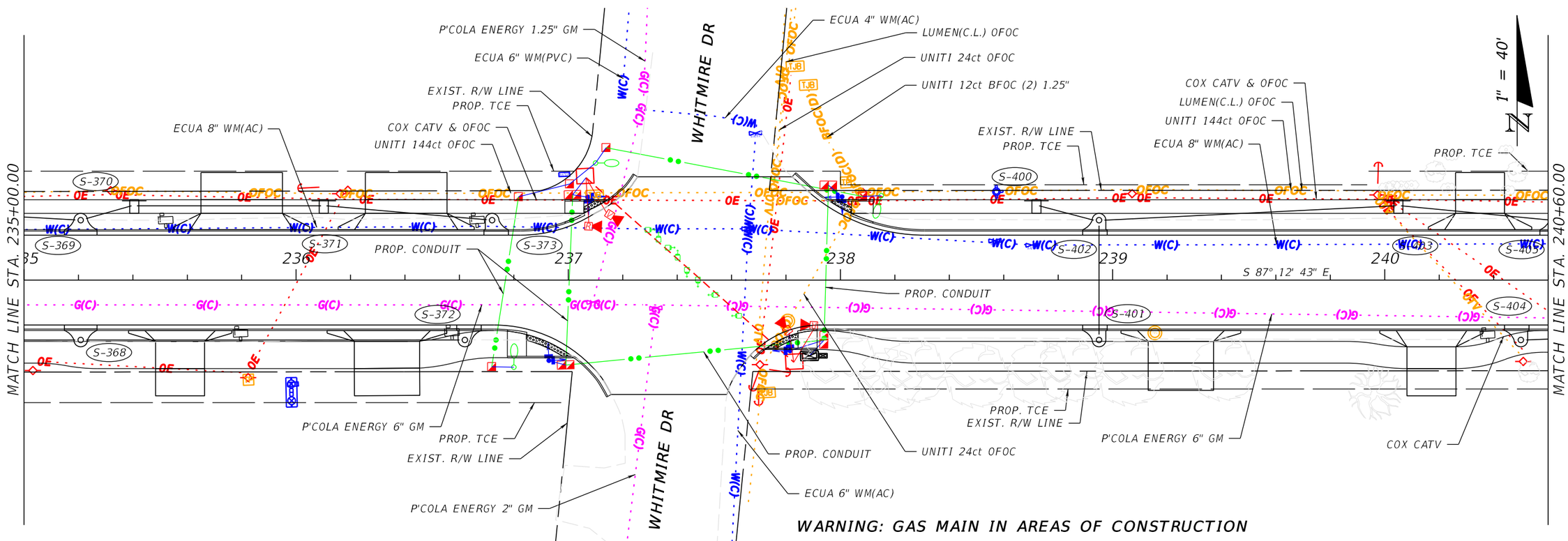

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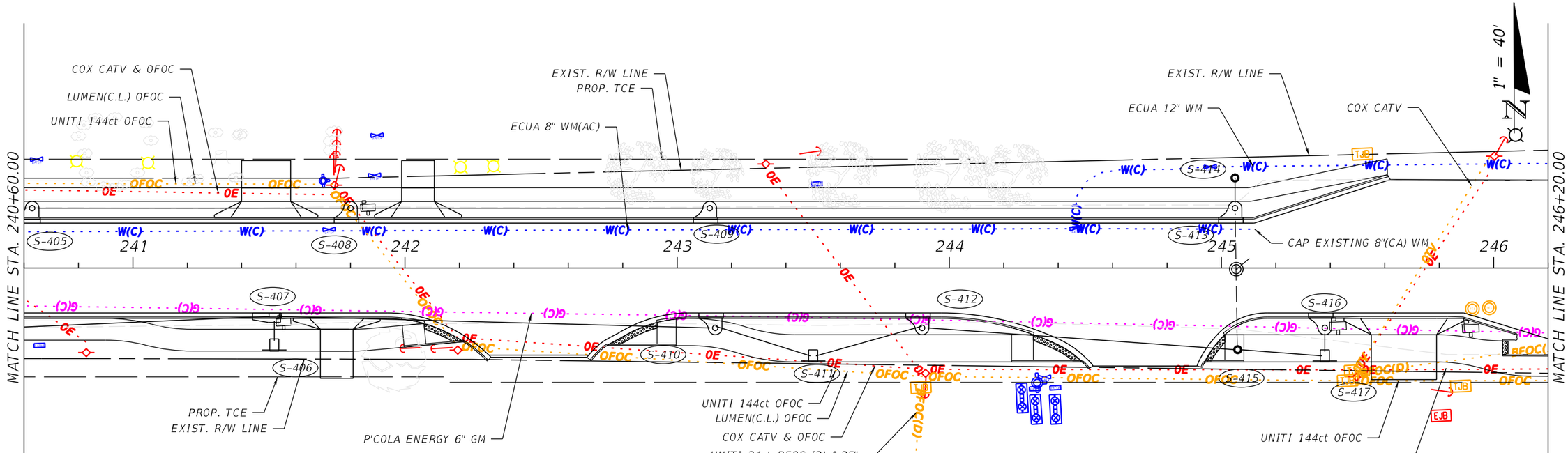

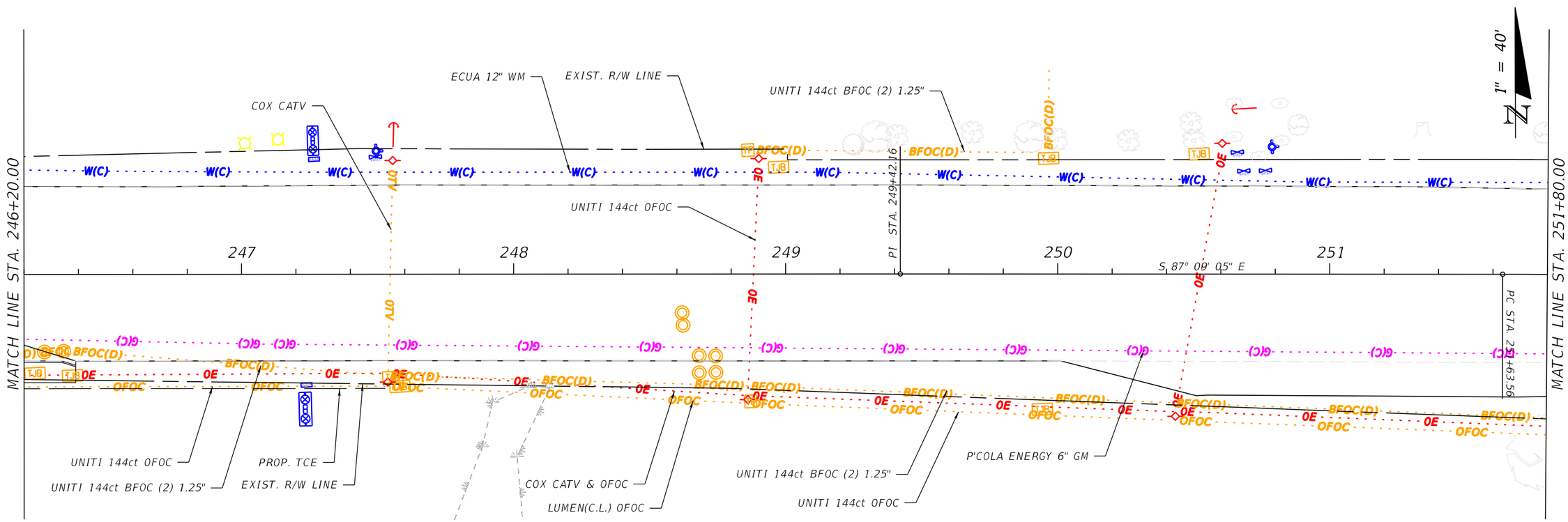

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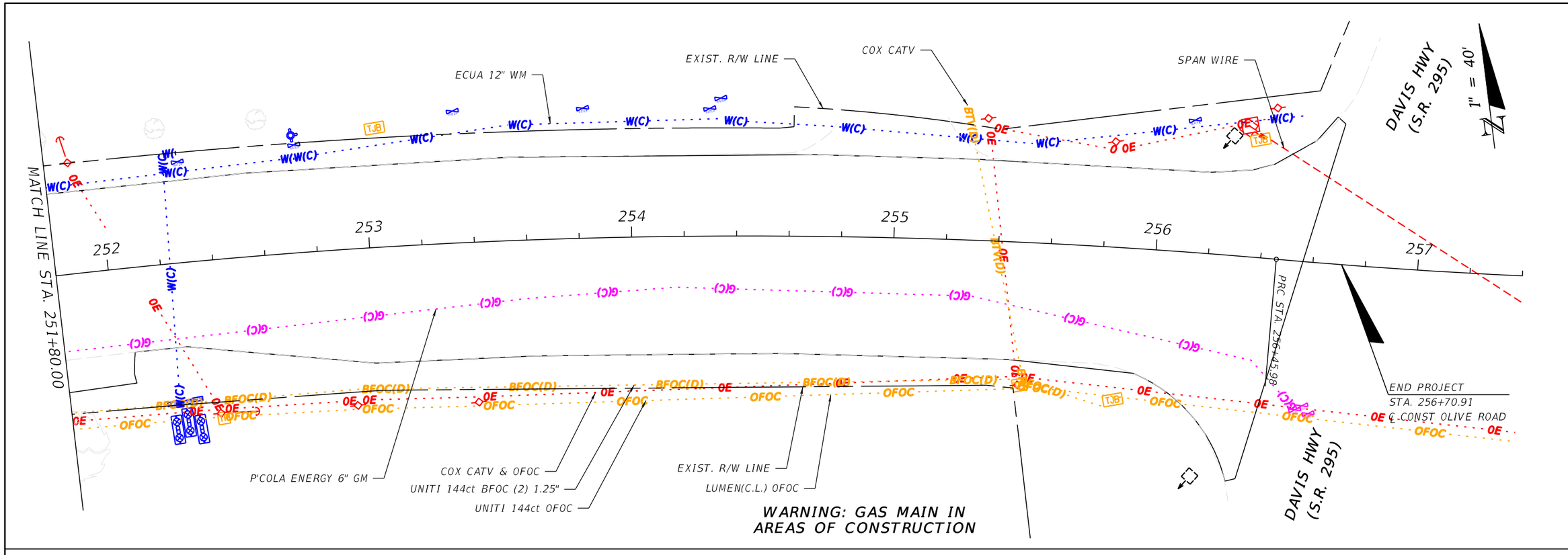

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