5/14/99

REVISIONS

K:\RAL_Roadway\0110367.34 - R-5963A&B\Roadway\Pro\YR-5963A&B_rdy_psh_I0.dgn

3/5/2025

Kimley»Horn © 2025
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102
RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	10
RW SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 ENGINEER VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 ENGINEER KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83 /NA 2011

-L-
PI Sta 91+19.24
Δ = 51° 40' 19.3" (LT)
D = 5° 43' 46.5"
L = 901.85'
T = 484.19'
R = 1,000.00'
SE = 4%
RO = 192'

JASON WALDECKAND
SYLVIA R. GEORGE
DB 768 PG 862

DAVID C. EVERETTE
AND WIFE,
ELOISE M. EVERETTE
DB 483 PG 198

CP SOUTH, LLC
DB 1298 PG 558
PS 2006 - 463

CP SOUTH, LLC
DB 2006 PG 1155
PS 2006 - 463

-Y7A- POT Sta. 10+00.00

-L- POC Sta. 84+18.65 =
-Y7A- POT Sta. 12+00.00

-L- PC Sta. 86+35.04

-L- POT Sta.88+59.32 =
-Y7B- POT Sta. 10+00.00

-L- PT Sta. 95+36.89

-Y8- POT Sta. 10+00.00

-L- POC Sta. 92+99.99 =
-Y8- POT Sta. 12+00.00

-Y8- POT Sta. 14+00.00

-Y7A- POT Sta. 14+00.00

-Y7B- POT Sta. 12+00.00

MATCHLINE -L- STA 84+00 (SEE SHEET 9)

MATCHLINE -L- STA 91+00 (SEE SHEET 11)

-L-
CHATHAM PARK WAY

415' LT TURN LANE

80' TAPER

NON-JURISTICTIONAL POND

NON-JURISTICTIONAL WETLAND

CONTRACTOR NOT TO CLEAR WITHIN POND BUFFERS

SEE SHEET 2G-1 FOR ROCK EMBANKMENTS POND DETAIL

SPECIAL 'V' DITCH SEE DETAIL 11 SHEET 2D-1

SPECIAL 'V' DITCH SEE DETAIL 12 SHEET 2D-1

TIE PROP DITCH TO EXIST GROUND TO MAINTAIN EXIST DRAINAGE PATTERNS

CLASS 'B' RIPRAP EST 3 TONS EST 10 SY GFD

TAIL DITCH SEE DETAIL 28 SHEET 2D-2 S=0.52% EST 70 CY DDE

110' ACCESS POINT

18" RCP-IV

15" RCP-IV

10' MUP

4' PS

1'-6" C&G

2GI

TB2GI

PUE

DUE

PDE

CR

RW

CA

TRAFFIC SIGNAL

PROP. PAVED SHOULDER

PROP. 5" MONO. CONC. ISLAND

SEE SHEET 23 FOR -L- PROFILE

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

RIGHT-OF-WAY REV.
CONST. REV.

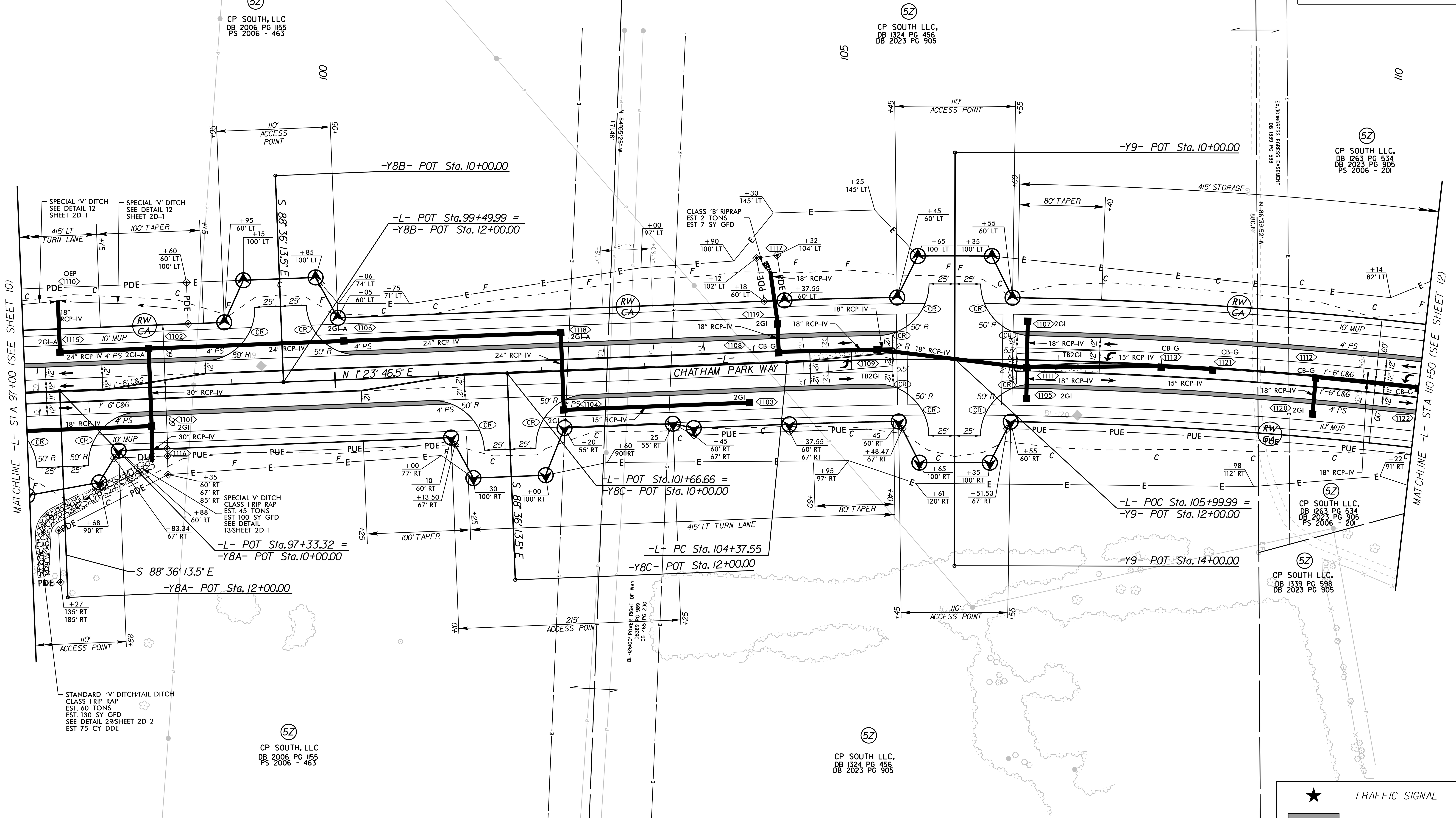
PROJECT REFERENCE NO.	SHEET NO.
R-5963A	11
RW SHEET NO.	

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038559 ENGINEER VANCE W. BLANTON 3/20/2025	NORTH CAROLINA PROFESSIONAL SEAL 056267 ENGINEER KAITLYN FAUGERSTROM 3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta 114+73.89
Δ = 29° 03' 01.4" (RT)
D = 1° 25' 56.6"
L = 2,028.10'
T = 1,036.35'
R = 4,000.00'
SE = 2.5%
RO = 120'

NAD 83 / NA 2011



★	TRAFFIC SIGNAL
(shaded)	PROP. PAVED SHOULDER
(stippled)	PROP. 5" MONO. CONC. ISLAND

SEE SHEET 23 FOR -L- PROFILE

REVISIONS

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5/14/99

3/5/2025

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

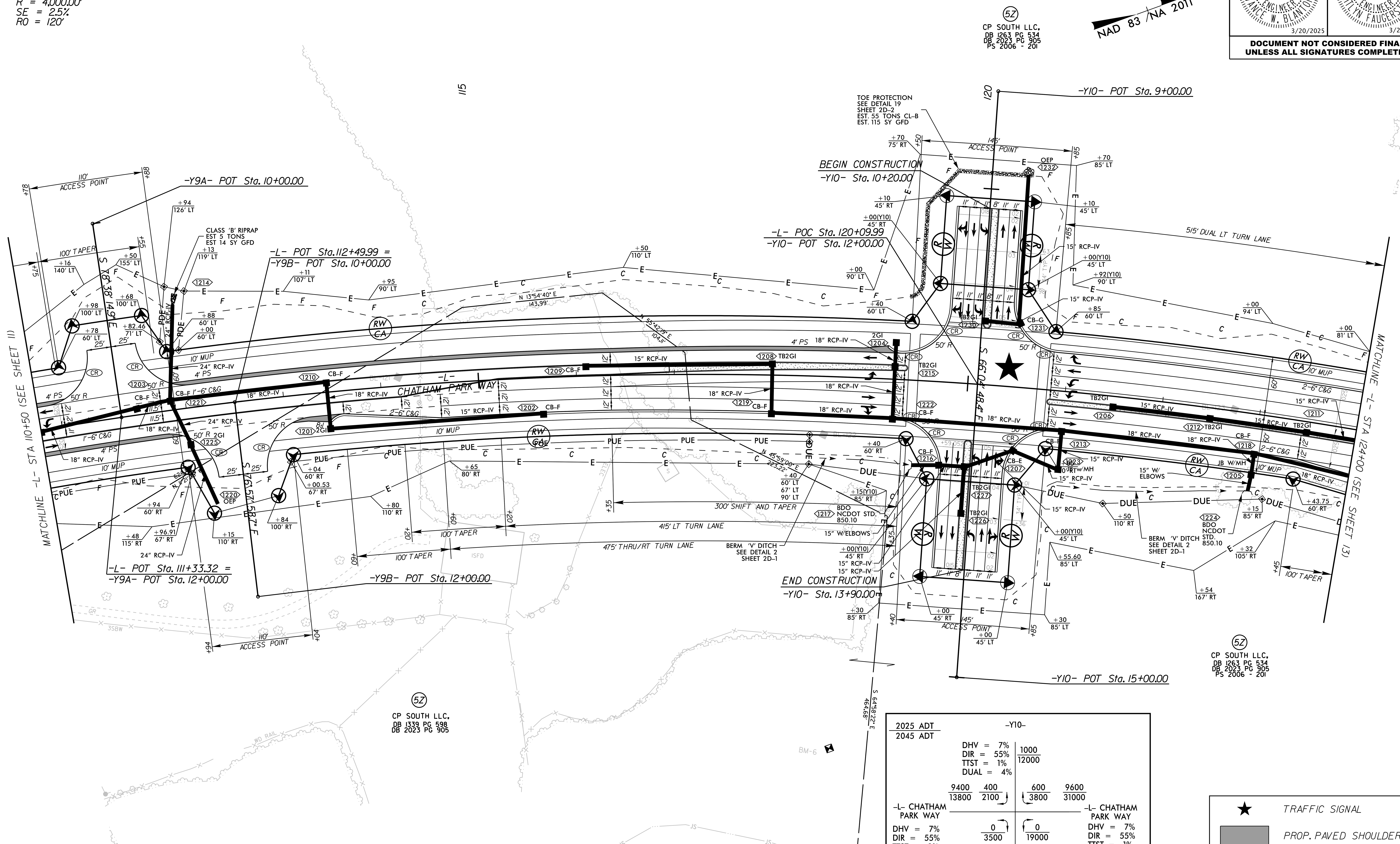
PROJECT REFERENCE NO.	SHEET NO.
R-5963A	12
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
SEAL 038559 LANCE W. BLANTON 3/20/2025	SEAL 056267 KAITLYN FAUGERSTROM 3/20/2025

RIGHT-OF-WAY REV.
CONST. REV.

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

-L-
PI Sta 114+73.89
Δ = 29° 03' 01.4" (RT)
D = 1° 25' 56.6"
L = 2,028.10'
T = 1,036.35'
R = 4,000.00'
SE = 2.5%
RO = 120'



2025 ADT / 2045 ADT	-Y10-	
DHV = 7%, DIR = 55%, TTST = 1%, DUAL = 4%	1000 / 12000	
-L- CHATHAM PARK WAY: 9400/13800, 400/2100		-L- CHATHAM PARK WAY: 600/3800, 9600/31000
DHV = 7%, DIR = 55%, TTST = 2%, DUAL = 3%	0/3500, 0/19000	DHV = 7%, DIR = 55%, TTST = 1%, DUAL = 2%
	28600	DHV = 7%, DIR = 55%, TTST = 1%, DUAL = 4%
	-Y10-	

★ TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 24 FOR -L- PROFILE
SEE SHEET 28 FOR -Y10- PROFILE

K:\RAL_Roadway\011036734 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_psh_12.dgn
3/5/2025
5/14/99

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	13
RW SHEET NO.	

RIGHT-OF-WAY REV.
CONST. REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

5/14/99

K:\RAL_Roadway\01\0367.34 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_dsh_13.dgn

3/19/2025

-L-
PI Sta 114+73.89
Δ = 29° 03' 01.4" (RT)
D = 1° 25' 56.6"
L = 2,028.10'
T = 1,036.35'
R = 4,000.00'
SE = 2.5%
RO = 120'

PI Sta 144+38.24
Δ = 44° 11' 08.9" (LT)
D = 3° 10' 59.2"
L = 1,388.14'
T = 730.64'
R = 1,800.00'
SE = 3.5%
RO = 168'

NAD 83 NA 2011

N 60°57'39" E 20.18'
N 46°44'23" E 228.24'
N 05°44'34" W 52.07'
N 56°10'12" W 11.30'
N 12°58'53" W 48.19'
S 84°08'38" E 30.22'

125 130 135

5Z CP SOUTH LLC, DB 1263 PG 534, DB 2023 PG 905, PS 2006 - 201

-Y10A- POT Sta. 10+00.00
-Y11A- POT Sta. 10+00.00
-L- POT Sta. 129+86.99 = -Y11A- POT Sta. 12+00.00
END BRIDGE 2L -L- Sta.135+29.89
END BRIDGE 2R -L- Sta.135+21.52
BEGIN BRIDGE 2L -L- Sta.134+08.47
BEGIN BRIDGE 2R -L- Sta.134+00.10
-L- PC Sta. 137+07.59

115' ACCESS POINT
115' ACCESS POINT
160' ACCESS POINT
515' DUAL LT TURN LANE
200' TAPER
200' SHIFT
415' RT TURN LANE
100' TAPER

LATERAL BASE DITCH SEE DETAIL 5 SHEET 2D-1 EST. 65 CY DDE
CLASS 'B' RIPRAP EST 3 TONS EST 10 SY GFD
RIPRAP DISSIPATOR BASIN SEE DETAIL 30 SHEET 2D-2 EST. 15 TONS CL-B RIPRAP EST. 30 S.Y. GFD
SPECIAL BASE DITCH SEE DETAIL 14 SHEET 2D-1 EST 90 TONS CL-B EST 230 SY GFD
SPECIAL BASE DITCH SEE DETAIL 7 SHEET 2D-1 EST 130 TONS CL-B EST 335 SY GFD
LATERAL BASE DITCH SEE DETAIL 17/SHEET 2D-1 EST 180 TONS CL-B EST 400 SY GFD EST 195 CY DDE
RIPRAP DISSIPATOR BASIN SEE DETAIL 30 SHEET 2D-2 EST. 55 TONS CL-I RIPRAP EST. 75 S.Y. GFD
CL-II RIPRAP (BOTH SIDES) STRUCTURES PAYITEM (TYP.)
STANDARD BASE DITCH/TAIL DITCH CLASS I RIP RAP EST. 40 TONS EST. 85 SY GFD SEE DETAIL 33/SHEET 2D-2 EST. 30 CY DDE

-L- PT Sta. 124+65.65
-L- POT Sta. 125+92.84 = -Y10A- POT Sta. 12+00.00
-L- POT Sta. 129+24.99 = -Y11- POT Sta. 10+00.00
-Y11- POT Sta. 12+00.00

CHATHAM PARK WAY
N 30° 26' 47.8" E
S 59° 33' 12.2" E
N 03°12'44" E 1733.24'
N 26°35'41" W 174.52'
N 44°49'38" W 153.18'
N 39°49'37" W 154.48'
N 44°51'35" W 158.64'

MATCHLINE -L- STA 124+00 (SEE SHEET 12)
MATCHLINE -L- STA 137+50 (SEE SHEET 14)

BICYCLE/PEDESTRIAN SAFETY RAIL SEE DETAIL SHEET 2C-7
ADJUST MUP GRADE TO TIE TO APPROACH SLAB AT GRADE NOT TO EXCEED 5%
TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 24 FOR -L- PROFILE

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	14
RW SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 ENGINEER VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 ENGINEER KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83 /NA 2011

5/14/99 REVISIONS

K:\RAL_Roadway\DI\036734 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_psh_144.dgn

3/5/2025

-L-
PI Sta 144+38.24
△ = 44° 11' 08.9" (LT)
D = 3° 10' 59.2"
L = 1,388.14'
T = 730.64'
R = 1,800.00'
SE = 3.5%
RO = 168'

5Z CP SOUTH LLC, DB 1263 PG 534, DB 2023 PG 905, PS 2006 - 201

5Z CP SOUTH LLC, DB 1285 PG 766, DB 2023 PG 905, PS 2006 - 346

BM-7

N 89°45'14" E 663.25'

140

145

-YIIB- POT Sta. 10+00.00

S 65° 40' 40" E

-YIID- POT Sta. 10+00.00

S 83° 49' 12" E

-L- POC Sta. 144+69.99 = -YIID- POT Sta. 12+00.00

-L- POC Sta. 140+82.54 = -YIIC- POT Sta. 10+00.00

-YIIC- POT Sta. 12+00.00

S 71° 29' 18.6" E

-L- POT Sta. 138+99.99 = -YIIB- POT Sta. 12+00.00

2'-6" C&G TO 1'-6" C&G TRANSITION -L- STA 12+65 TO STA 12+75 SEE DETAIL SHEET 2C-6

115' ACCESS POINT

MATCHLINE -L- STA 137+50 (SEE SHEET 13)

MATCHLINE -L- STA 149+50 (SEE SHEET 15)

CHATHAM PARK WAY

GREU TL-3 10' MUP 2-6" C&G

1-6" C&G

2-6" C&G

10' MUP

CLASS I RIPRAP EST 26 TONS EST 50 SY GFD

CLASS B RIPRAP EST 5 TONS EST 14 SY GFD

SPECIAL 'V' DITCH SEE DETAIL 11 SHEET 2D-1

LATERAL 'V' DITCH SEE DETAIL 4 SHEET 2D-1 EST 35 CY DDE

PIPE INLET BANK STABILIZATION SEE DETAIL 24 SHEET 2D-2 CLASS B RIPRAP EST 15 TONS EST 30 SY GFD

TOE PROTECTION EST. 85 TONS CL-B EST. 180 SY GFD

LATERAL 'V' DITCH SEE DETAIL 4 SHEET 2D-1 EST. 25 CY DDE

LATERAL BASE DITCH SEE DETAIL 15 SHEET 2D-1 EST. 38 TONS CL-B 80 SY GFD EST. 65 CY DDE

100' TAPER

80' TAPER

440' RT & LT TURN LANE

Ex 50' POWER EASEMENT DB 2514 PG 48

453.22' S 89°55'12" W

1422.21' S 01°19'18" E

CP SOUTH LLC, DB 1263 PG 534, DB 2023 PG 905, PS 2006 - 201

CP SOUTH LLC, DB 1263 PG 537, DB 2023 PG 905, PS 2006 - 198

★ TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 25 FOR -L- PROFILE

5/14/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	15
RW SHEET NO.	

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

RIGHT-OF-WAY REV.
CONST. REV.

ROADWAY DESIGN ENGINEER — SEAL 038559 — LANCE W. BLANTON — 3/20/2025

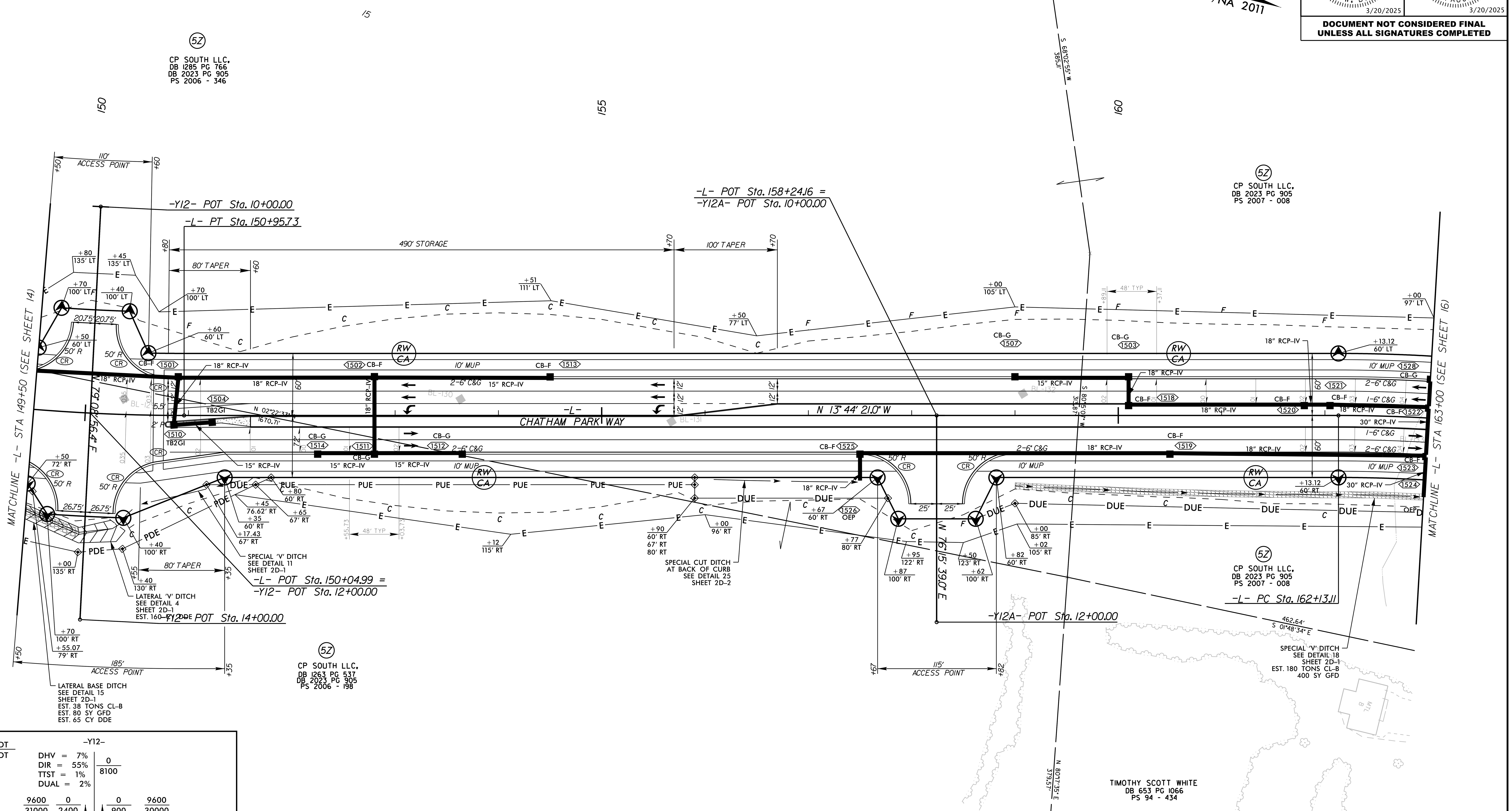
HYDRAULICS ENGINEER — SEAL 056267 — KAITLYN FAUGERSTROM — 3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83 / NA 2011

-L-

PI Sta 144+38.24	PI Sta 165+36.43
Δ = 44° 11' 08.9" (LT)	Δ = 24° 19' 40.4" (RT)
D = 3° 10' 59.2"	D = 3° 49' 11.0"
L = 1,388.14'	L = 636.90'
T = 730.64'	T = 323.32'
R = 1,800.00'	R = 1,500.00'
SE = 3.5%	SE = 4%
RO = 168'	RO = 190'



K:\RAL_Roadway\011036734 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_psh_15.dgn

2025 ADT
2045 ADT

-Y12-
DHV = 7%
DIR = 55%
TTST = 1%
DUAL = 2%
0 / 8100

-L- CHATHAM PARK WAY (west): 9600 / 31000; 0 / 2400
-L- CHATHAM PARK WAY (east): 0 / 900; 9600 / 30000

-L- CHATHAM PARK WAY
DHV = 7%
DIR = 55%
TTST = 1%
DUAL = 2%

0 / 3100; 0 / 3600

-L- CHATHAM PARK WAY
DHV = 7%
DIR = 55%
TTST = 1%
DUAL = 2%

0 / 11500

DHV = 7%
DIR = 55%
TTST = 1%
DUAL = 2%
-Y12-

3/5/2025

★ TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 25 FOR -L- PROFILE

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421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	16
RW SHEET NO.	

RIGHT-OF-WAY REV.
CONST. REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-
PI Sta 165+36.43
△ = 24° 19' 40.4" (RT)
D = 3° 49' 11.0"
L = 636.90'
T = 323.32'
R = 1,500.00'
SE = 4%
RO = 190'

NAD 83 /NA 2011

BILLY GOODMAN CLARK
DB 2231 PG 275
PB 94 PG 151

VICKI CLARK WINSTEAD, ET ALS
021-F-575
DB 583 PG 125
PB 94 PG 151

(5Z) CP SOUTH LLC,
DB 2023 PG 905
PS 2007 - 008

(15) BERTHA FOY MANN
DB 292 PG 178
PS 92 - 233

BERTHA MANN SMITH
DB 599 PG 097
PS 92 - 233

STEPHEN B. ELLIOTT AND BRIAN R. ELLIOTT
DB 459 PG 500

FRIENDSHIP ROAD, LLC
DB 2286 PG 1124
PS 2005 - 66

JOYCE ANNELL WHITE
DB 583 PG 868
PS 89 - 426

-Y13- POT Sta. 10+00.00
-L- POT Sta. 170+94.99 = -Y13A- POT Sta. 10+00.00
-L- POC Sta. 164+97.98 = -Y13- POT Sta. 12+00.00
-L- PT Sta. 168+50.01
-Y13- POT Sta. 14+00.00
-Y13A- POT Sta. 12+00.00

CHATHAM PARK WAY

MATCHLINE -L- STA 163+00 (SEE SHEET 15)
MATCHLINE -L- STA 175+50 (SEE SHEET 17)

TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 26 FOR -L- PROFILE
SEE SHEET W-2 FOR RETAINING WALL DETAIL

REVISIONS
5/14/99

K:\RAL_Roadway\01036734 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_psh_16.dgn
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RALEIGH, NC 27601
PE NO. F-0102
RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	17
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038559 ENGINEER VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 056267 ENGINEER KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS

3/5/2025

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Kimley»Horn
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	18
RW SHEET NO.	

RIGHT-OF-WAY REV.

CONST. REV.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 KAITLYN FAUGERSTROM
3/20/2025

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

NAD 83 NA 2011

REVISIONS 5/14/99

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3/5/2025

JAMES PATRICK SCHWANKL
DB 2099 PG 793
PB 2015 PG 89

REA PITTSBORO, LLC
DB 2336 PG 585

REA PITTSBORO, LLC
DB 2336 PG 585
PB 18 PG 41

SHG HOLDINGS, LLC
DB 2092 PG 262
PS 2016 - 119

SHIRLER GUNTER
DB 1387 PG 112
DB 634 PG 905
PD 2008 PG 77

LAURA B. MITCHELL
DB 794 PG 081

COC REAL ESTSTE CO., LLC
DB 2087 PG 305
PB 87 PG 146

PITTSBORO PLACE WEH LP
DB 2021PG 655
PB 2008 PG 408
PB 2006 PG 525

PITTSBORO PLACE WEH LP
DB 2021PG 643
PB 2008 PG 406
PB 2007 PG 99
PB 2006 PG 525

PITTSBORO PLACE WEH LP
DB 2021PG 655
PB 2008 PG 406
PB 2007 PG 99
PB 2006 PG 525

MICHAEL H. WHITE
DB 827 PG 876
DB 488 PG 310
PB A PG 487
PB 2005 PG 314
PB 2006 PG 525

STEPHANIE LYON
DB 2007 PG 327
PS 92 - 92

KENNETH L. MOORE AND WIFE, SHIRLEY HILL MOORE
DB 1913 PG 797
PB 2 PG 39

NIELS HEMPEL AND WIFE, STEPHANIE D. HEMPEL
DB 2230 PG 579
PB 2 PG 39

VICKI CLARK WINSTEAD, ET AL
OLIVE F. CLARK
DB 583 PG 725
PB 94 PG 151

NAVPREET BRAR
DB 2301 PG 1044
PB 20 PG 64

-Y14- POT Sta. 10+00.00
-Y15- POT Sta. 10+00.00
-Y15- SR 1701 THOMPSON ST
S 79°23'19.1" E
-Y14- US 64 BUS
S 73°14'51.8" E
BEGIN CONSTRUCTION -Y15- Sta. 13+40.00
-DRW1- POT Sta. 11+00.00
-Y15- POT Sta. 15+00.00 = -Y14- POT Sta. 15+00.00 (8' LT)
N 0°51'57.9" E
690' SHIFT
GRADE TO DRAIN
COMET PITTSBORO
MONO ISLAND
2-6" C&G
BEGIN CONSTRUCTION -Y14- Sta. 11+48.00
CLASS 'B' RIP RAP EST 3 TONS EST 10 SY GFD
18" RCP-IV
100' TAPER
50' LT TURN LANE
-Y14- POT Sta. 15+53.97 = -DRW1- POT Sta. 10+00.00
RETAIN, DO NOT FILL OVER
MATCHLINE -Y14- STA 16+50 (SEE SHEET 17)

RETAIN
RETAIN
RETAIN
RETAIN
TIE PROPOSED PIPE INTO EXISTING HW
REMOVE AND REPLACE WITH 18" RCP
RETAIN CONTRACTOR TO CLEANOUT PIPE AS NEEDED
TIE PROPOSED PIPE INTO EXISTING GI
AN ADDITIONAL FOURTH PIPE WAS DISCOVERED INSIDE OF THE MANHOLE ON THE EAST SIDE. PIPE IS DIRECTLY ABOVE THE FORCE MAIN THAT WAS LOCATED. UNABLE TO LOCATE THE FOURTH FORCEMAIN.

TRAFFIC SIGNAL
PROP. PAVED SHOULDER
PROP. 5" MONO. CONC. ISLAND

SEE SHEET 29 FOR -Y14- PROFILE

5/14/99

REVISIONS

K:\RAL_Roadway\OI\036734 - R-5963A&B\Roadway\Proj\R-5963A&B_rdy_psh_19.dgn

3/5/2025

MATCHLINE -Y14- STA 26+00 (SEE SHEET 17)

-Y14-

PI Sta 29+15.78
Δ = 3° 31' 17.3" (LT)
D = 1° 47' 25.8"
L = 196.68'
T = 98.37'
R = 3,200.00'
SE = EXIST
RO = NA

PI Sta 31+57.24
Δ = 7° 22' 44.5" (LT)
D = 2° 34' 51.2"
L = 285.91'
T = 143.15'
R = 2,220.00'
SE = EXIST
RO = NA

-Y16-

PI Sta 12+90.82
Δ = 1° 35' 37.0" (LT)
D = 1° 09' 43.9"
L = 137.12'
T = 68.57'
R = 4,930.00'

Kimley»Horn © 2025
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601
PE NO. F-0102

RIGHT-OF-WAY REV.

CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
R-5963A	19
RW SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 038559 ENGINEER VANCE W. BLANTON
3/20/2025

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 ENGINEER KAITLYN FAUGERSTROM
3/20/2025

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NAD 83 / NA 2011

-Y14- PC Sta. 28+17.41

-Y16- POT Sta.10+00.00 =
-Y14- PCC Sta. 30+14.09

-Y14- POC Sta. 29+59.88

END CONSTRUCTION
-Y14- Sta. 31+05.00

-Y14- PT Sta. 33+00.00

-Y16- PT Sta. 13+59.38

-Y16- POT Sta. 15+50.00

-Y16- PC Sta. 12+22.25

END CONSTRUCTION
-Y16- Sta. 14+37.00

625' SHIFT

50' SHIFT

SPECIAL 'V' DITCH SEE DETAIL 27/SHEET 2D-2

SPECIAL 'V' DITCH SEE DETAIL 11/SHEET 2D-1

TIE PROPOSED DITCH INTO EXISTING SWALE

15" RCP-IV REMOVE

CLASS 'B' RIP RAP EST 2 TONS EST 7 SY GFD

4' P.S.

REMOVE

RETAIN

ELIZABETH A. EUBANKS
DB 514 PG 464
PB 2 PG 38

CHARLES KENNETH EUBANKS
DB 403 PG 608
PB 2 PG 38

CHARLES KENNETH EUBANKS
DB 906 PG 984
PB 2 PG 38

COUNTY (VACANT STRIP)
CHATHAM
PB 2 PG 38

JACK KARSTAEDT
DB 1286 PG 362
PB 92 PG 438

PRIVATE ACCESS EASEMENT PB 92 PG 438

ETHEL CARTER
DB 561PG 122
PB 90 PG 254

PEDRO LLAMAS VALADES
DB 1251PG 947

GREEN LEVEL PROPERTIES LLC
DB 1989 PG 1075
PB 95 PG 32

SAMVEE, LLC
DB 2249 PG 127
PS 2006 - 324

GREEN LEVEL PROPERTIES, LLC
DB 2063 PG 377
PS 2006 - 324

NORTH FIRST ESTATES, LLC
DB 1866 PG 765
PS 2006 - 324

CATHERINE W. MARLOWE
DB 583 PG 772
PS 89 - 426

SECU RE, INC
DB 1681PG 662

GH HOLDING, LLC
DB 2026 PG 621

ARI PICKER
DB 1880 PG 681
PB A PG 282

JOSEFINA SANTOS
DB 1232 PG 458
PB A PG 282

US 64 BUS

SR 1948 RIDDLE RD

SR 1943 HANKS CHAPEL RD

TRAFFIC SIGNAL

PROP. PAVED SHOULDER

PROP. 5" MONO. CONC. ISLAND

SEE SHEET 29 FOR -Y14- PROFILE
SEE SHEET 30 FOR -Y16- PROFILE

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R-5963A	20

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3/20/2025

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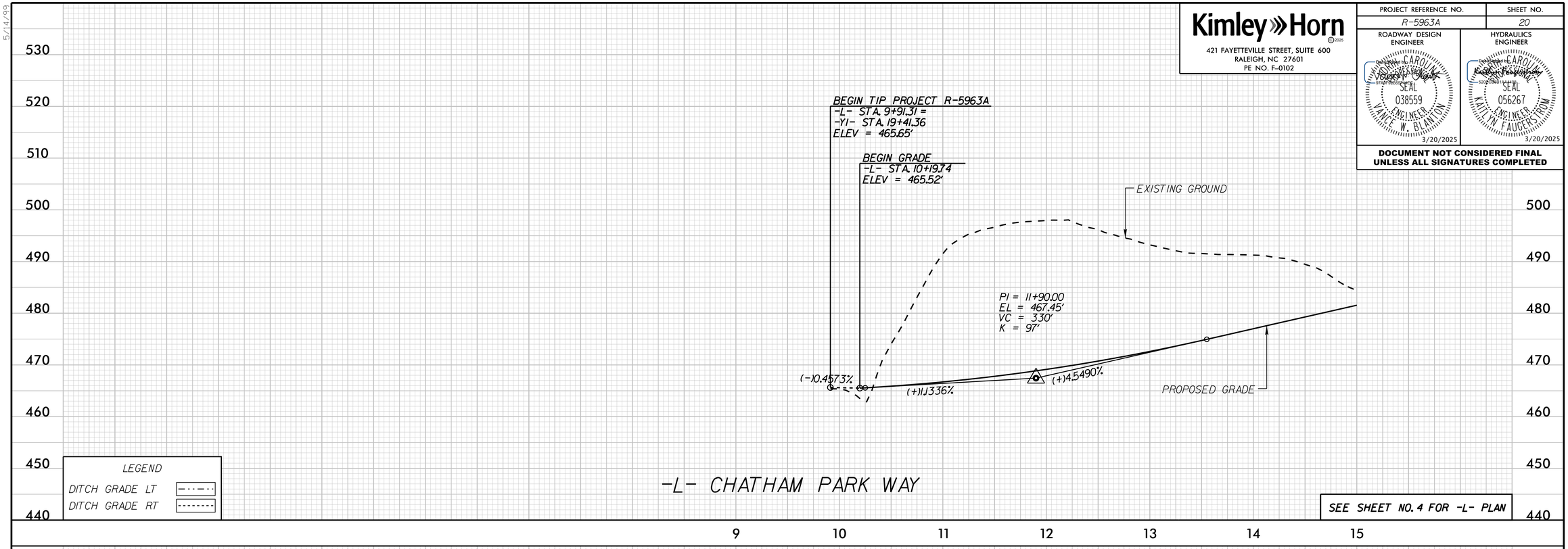

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R-5963A	21

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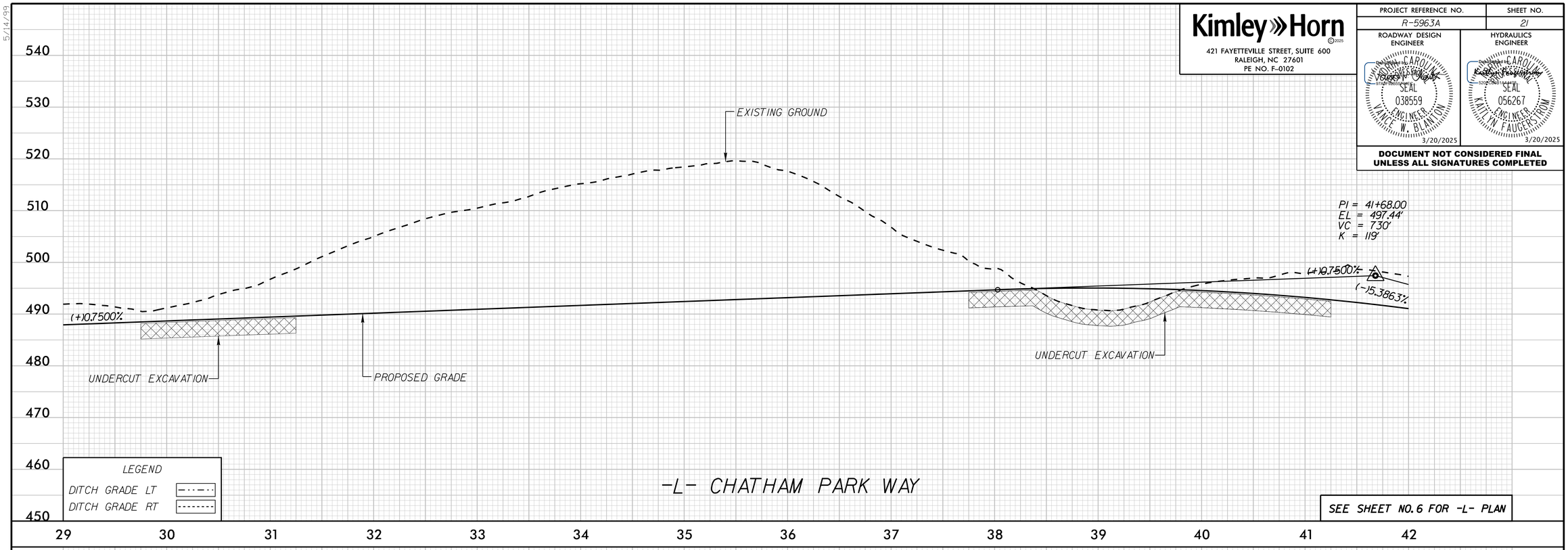

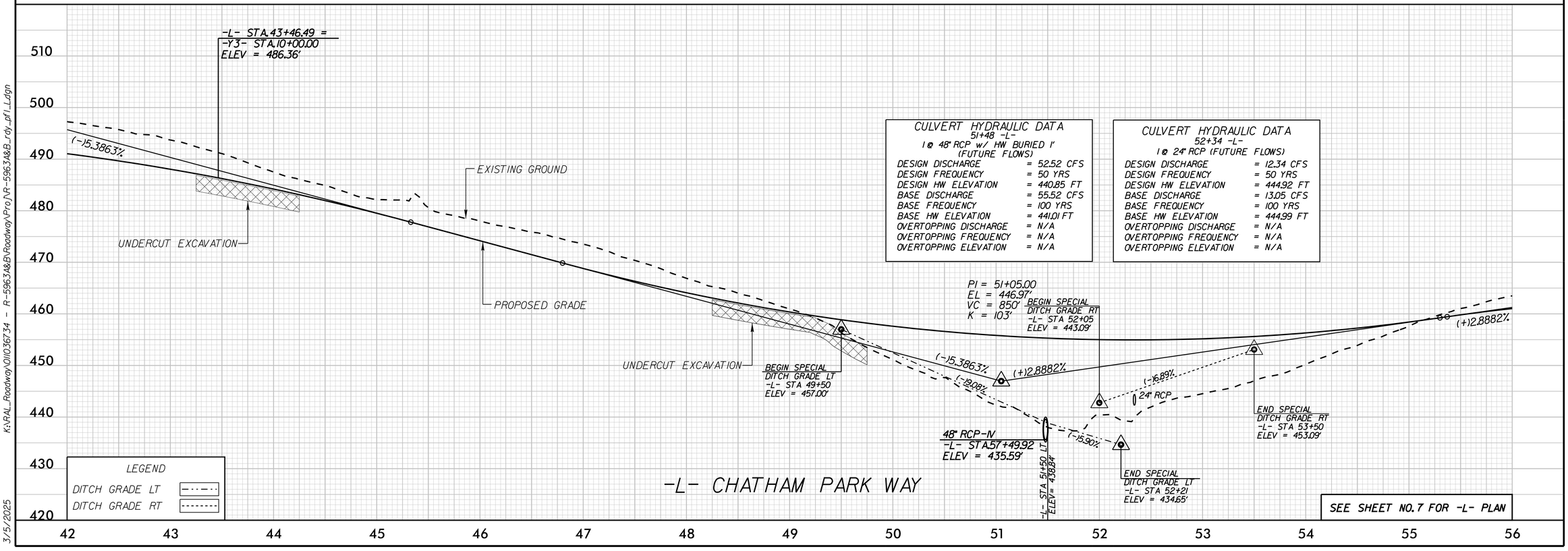

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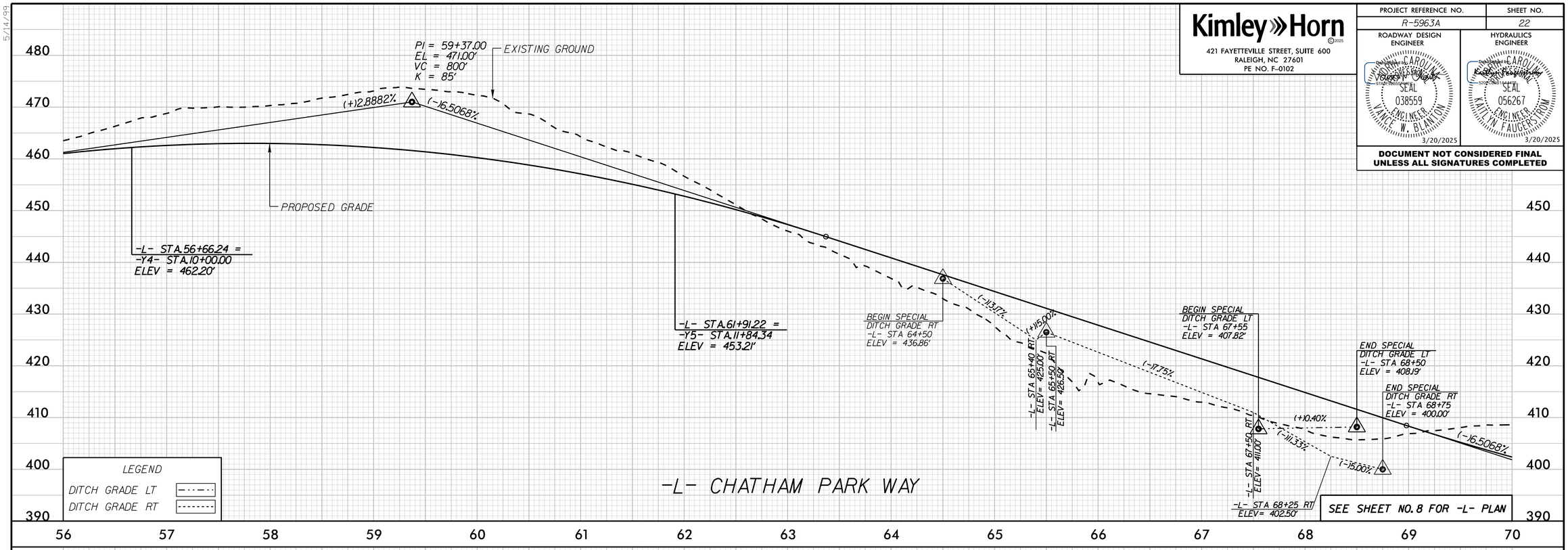

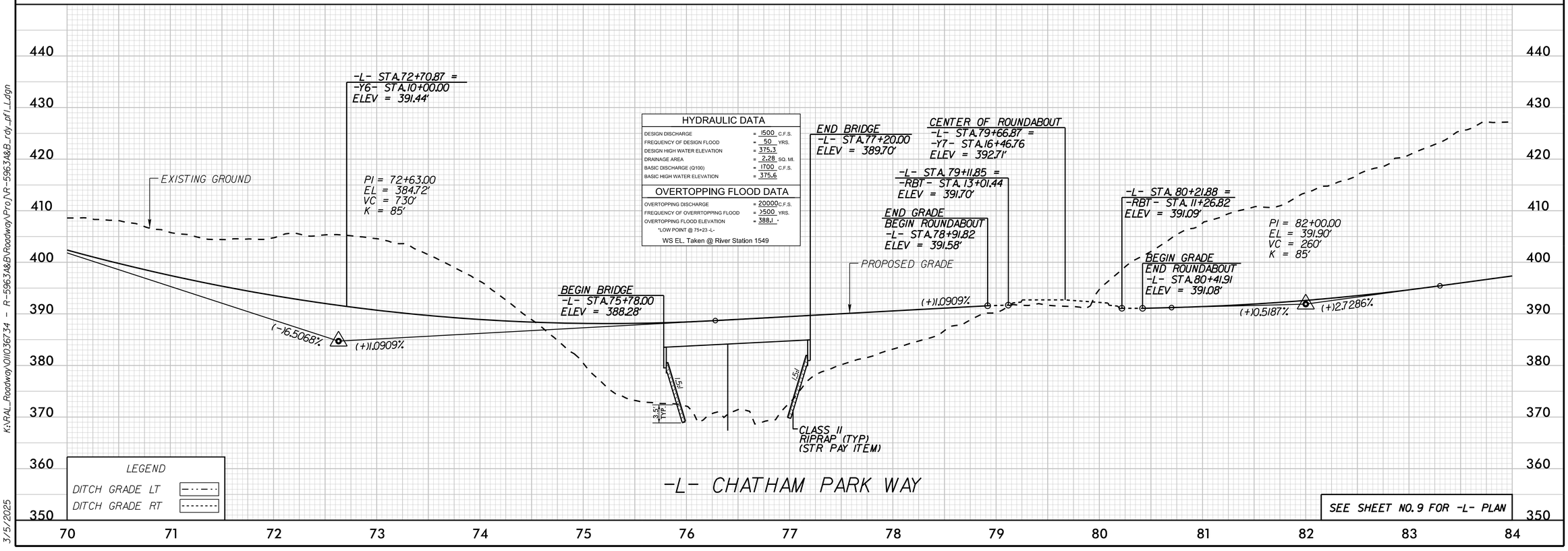

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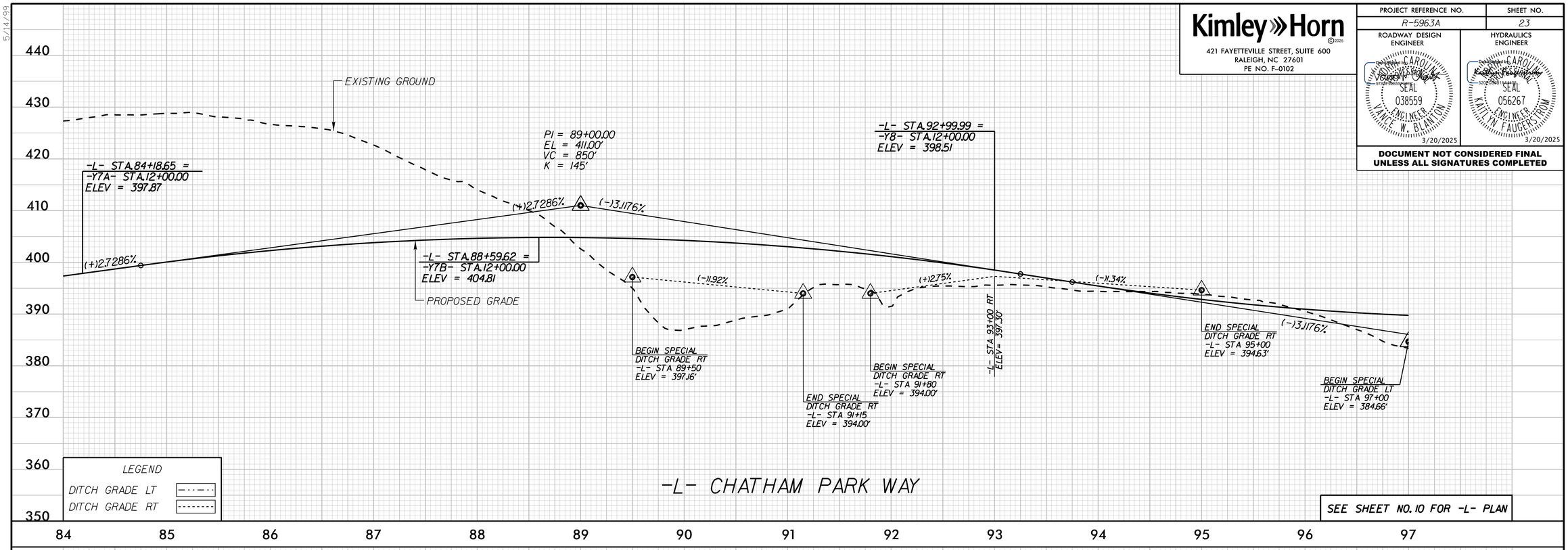

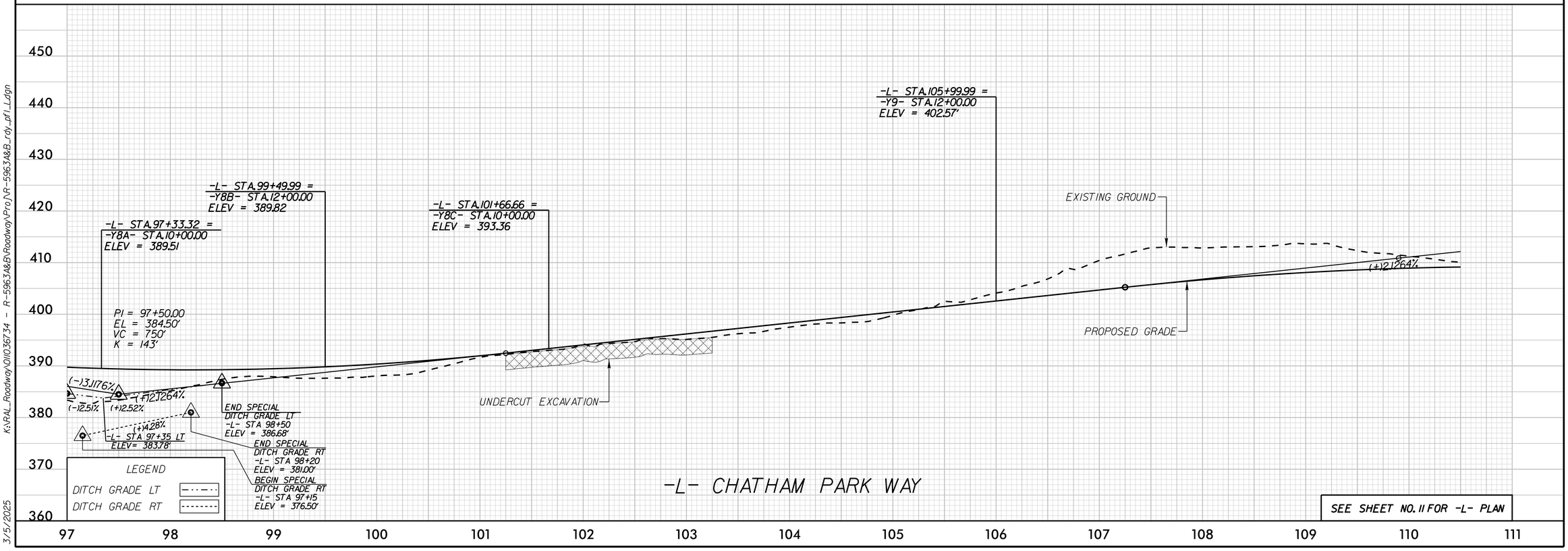

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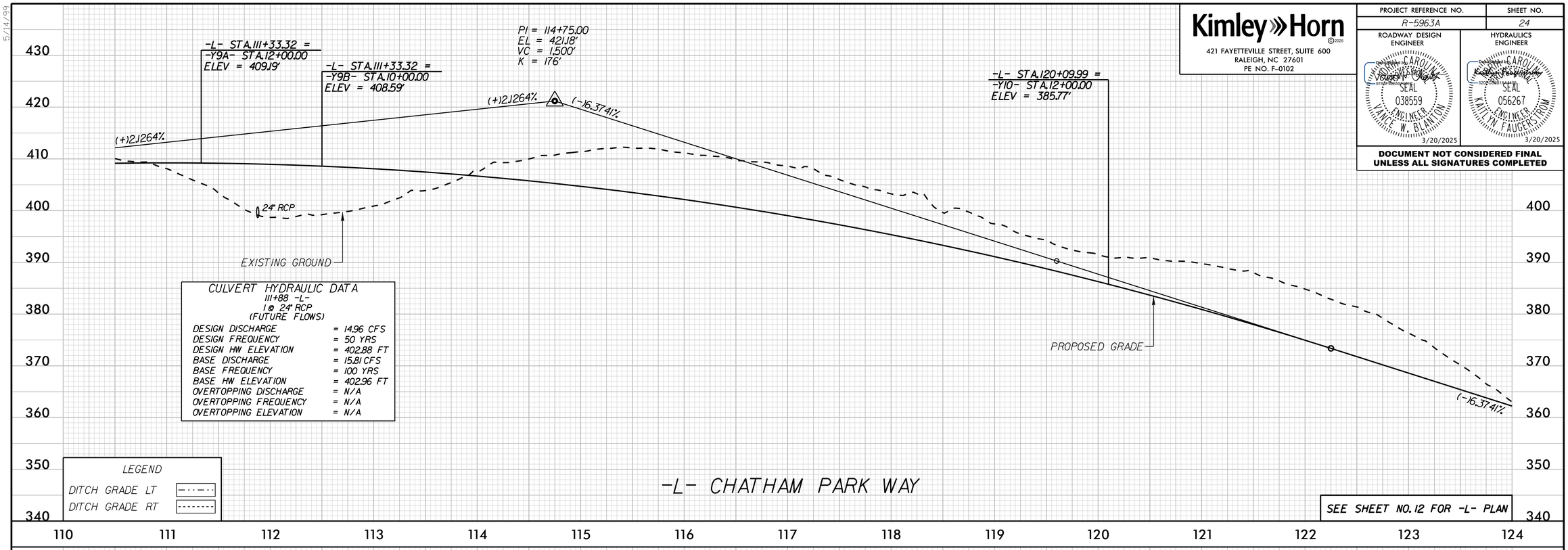

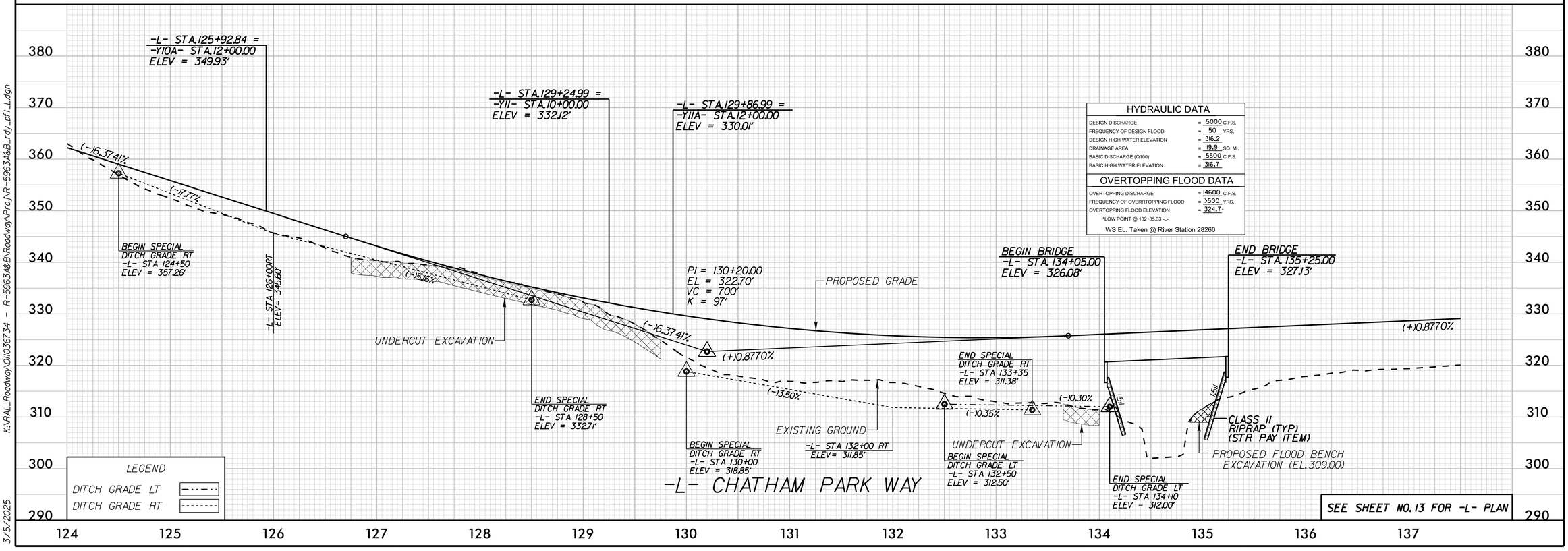

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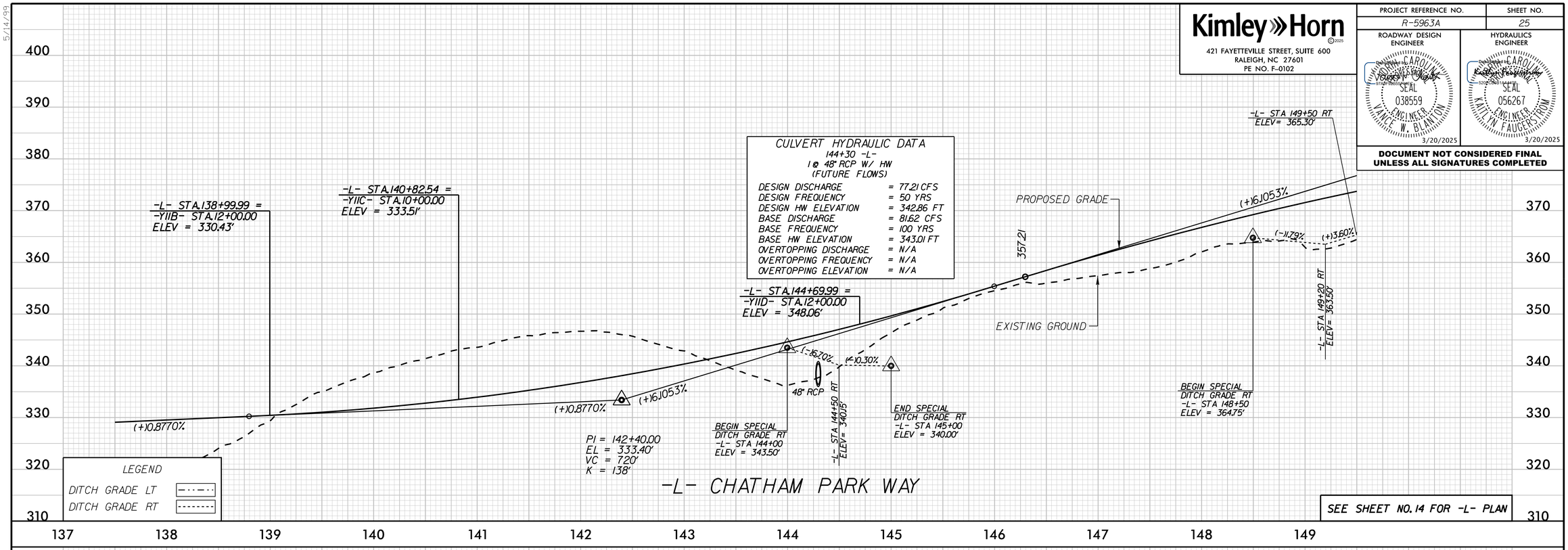

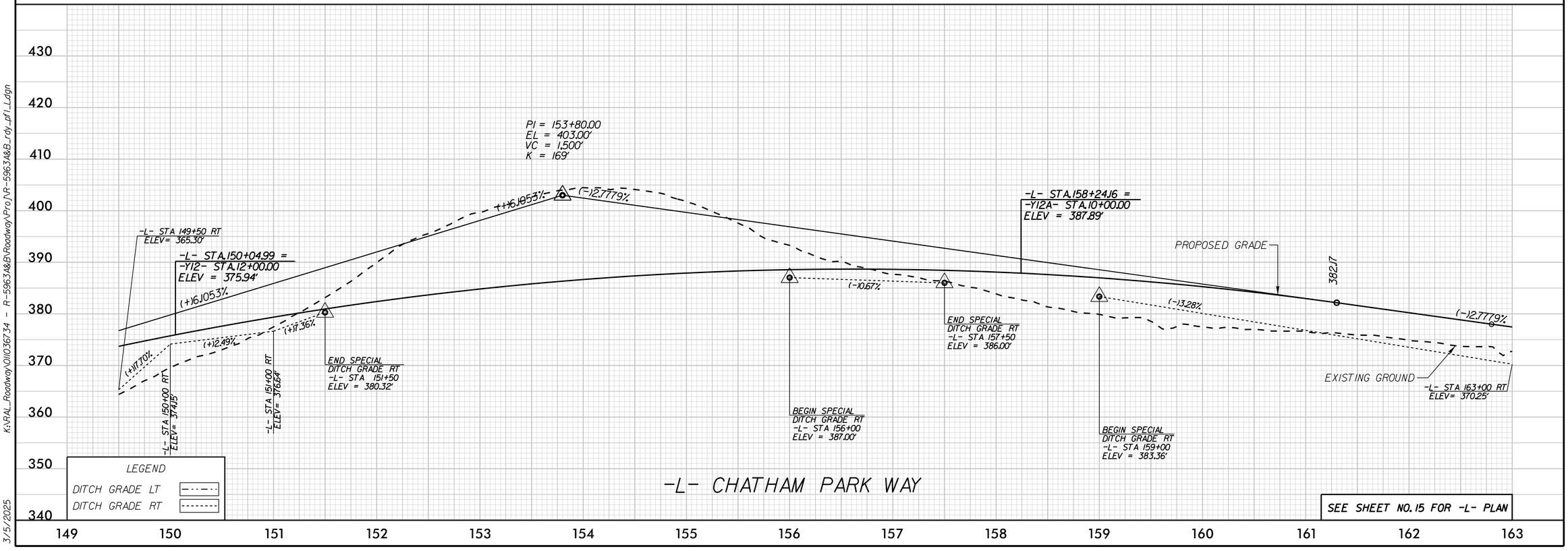

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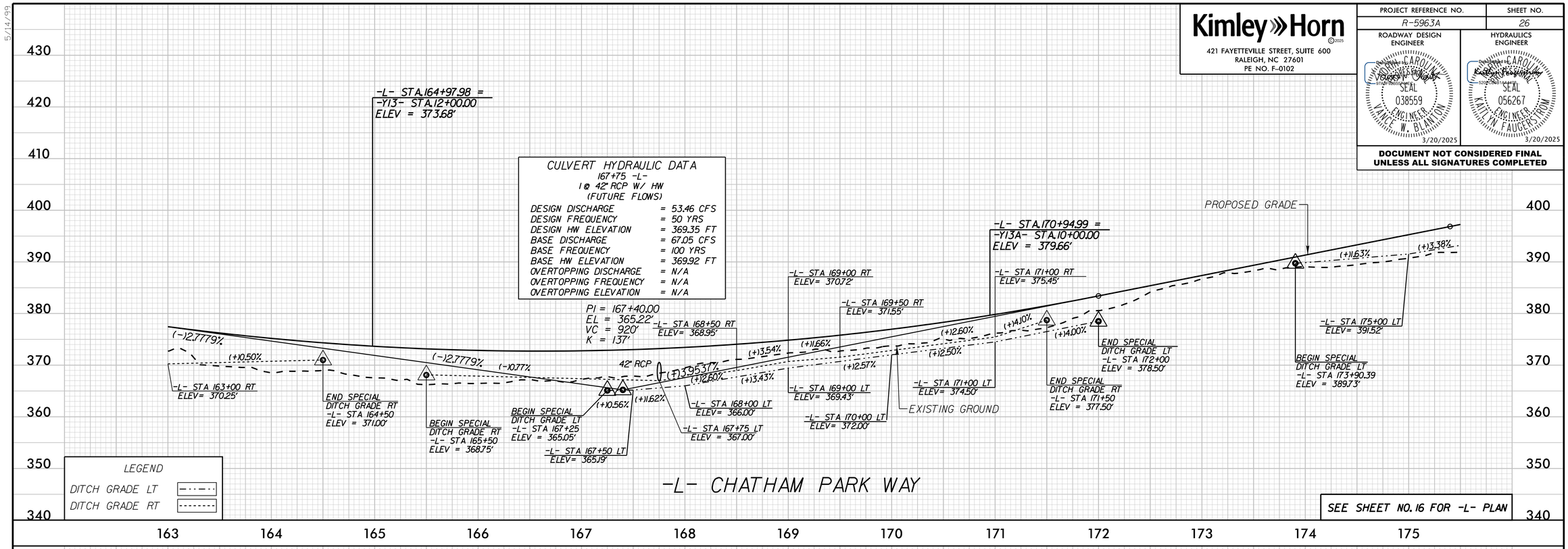

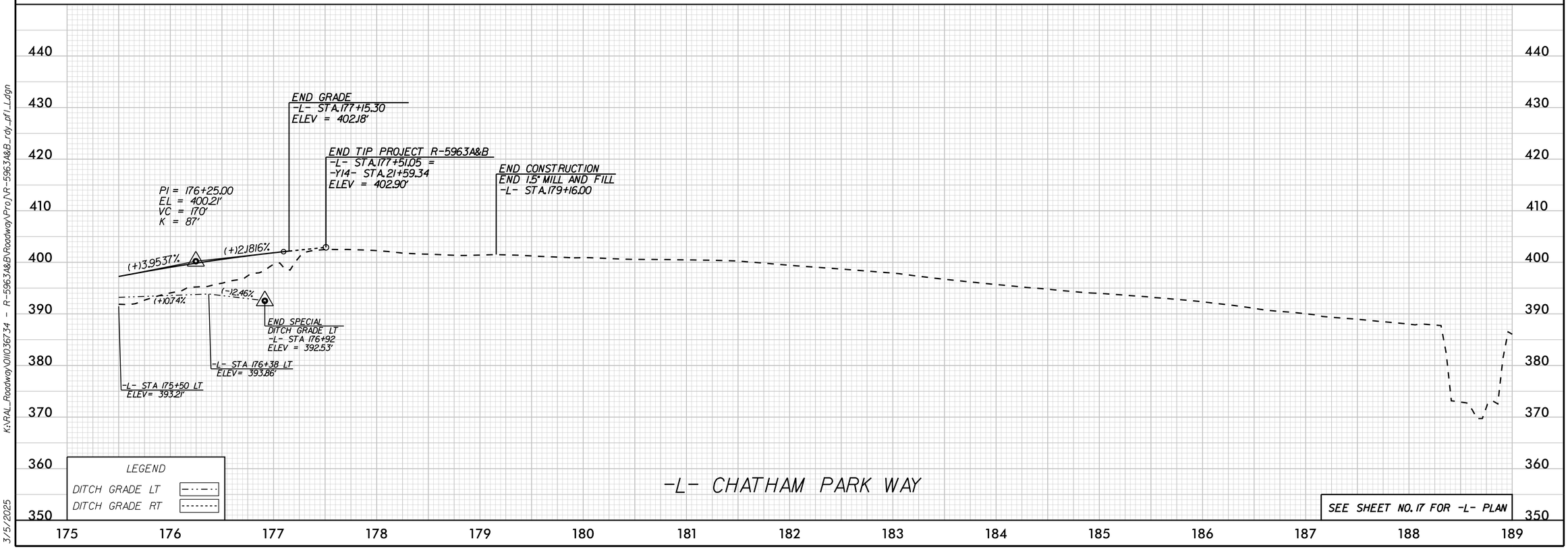

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R-5963A	27

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3/20/2025

HYDRAULICS ENGINEER
Docusigned by: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 ENGINEER KAITLIN FAUGERSTROM
3/20/2025

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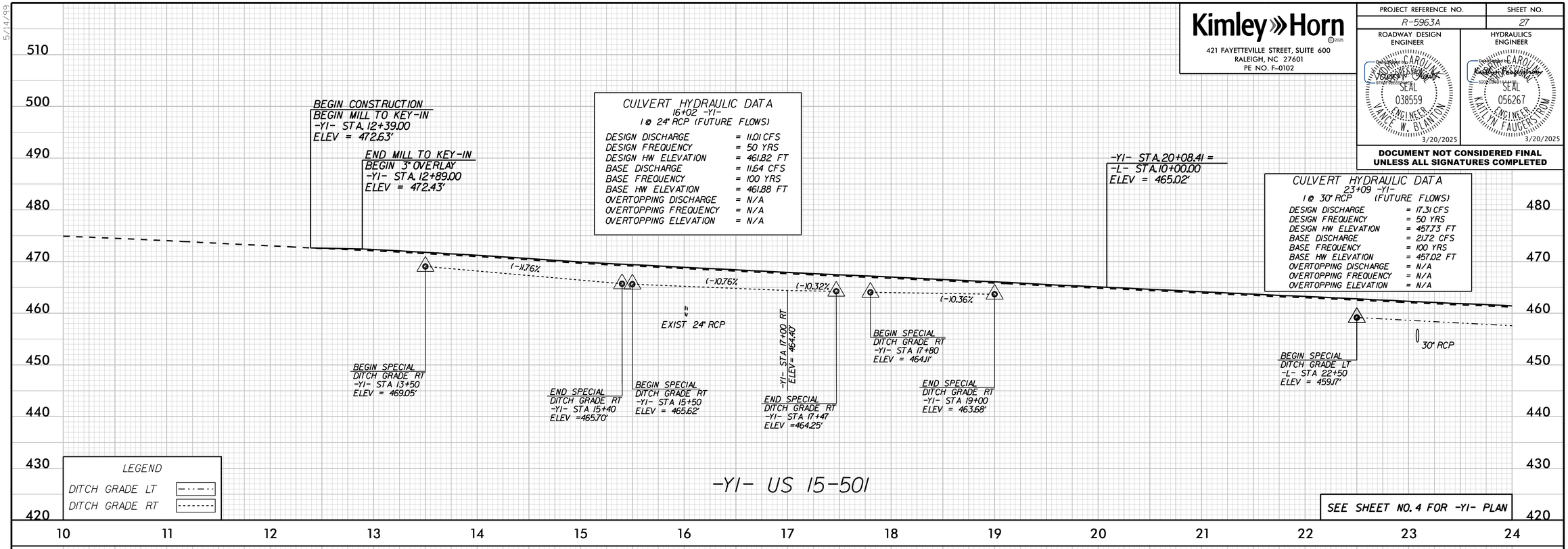

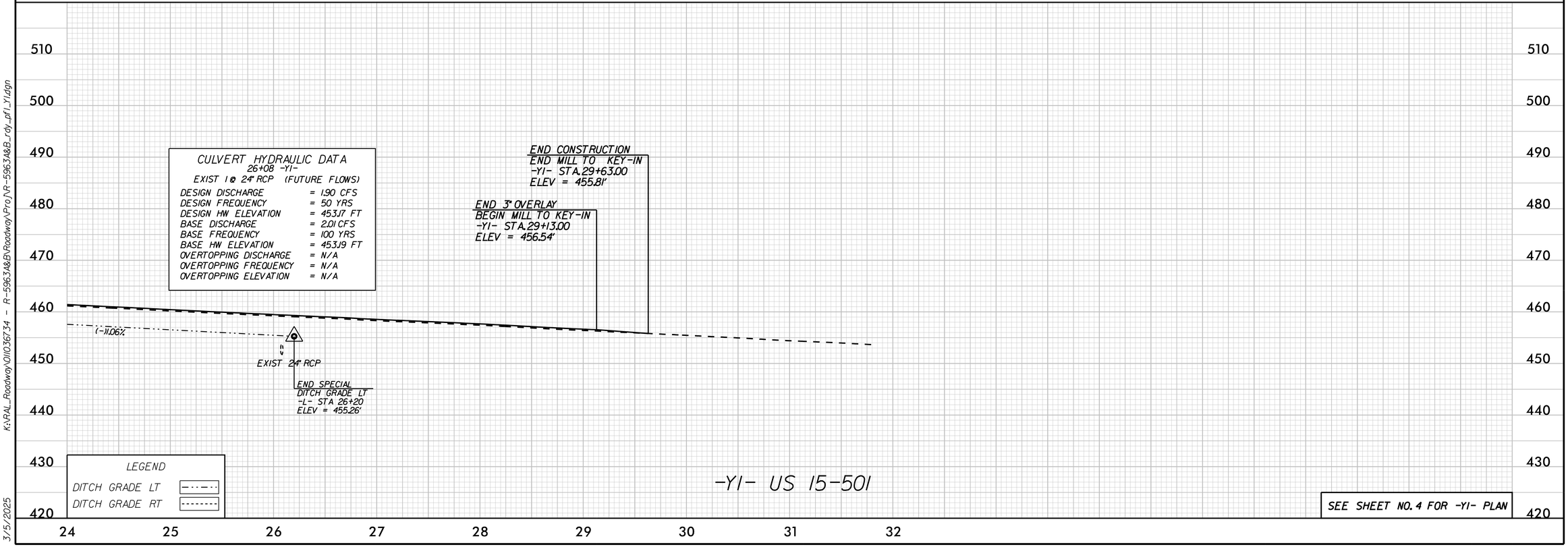

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 056267 ENGINEER KAITLYN FAUGERSTEIN
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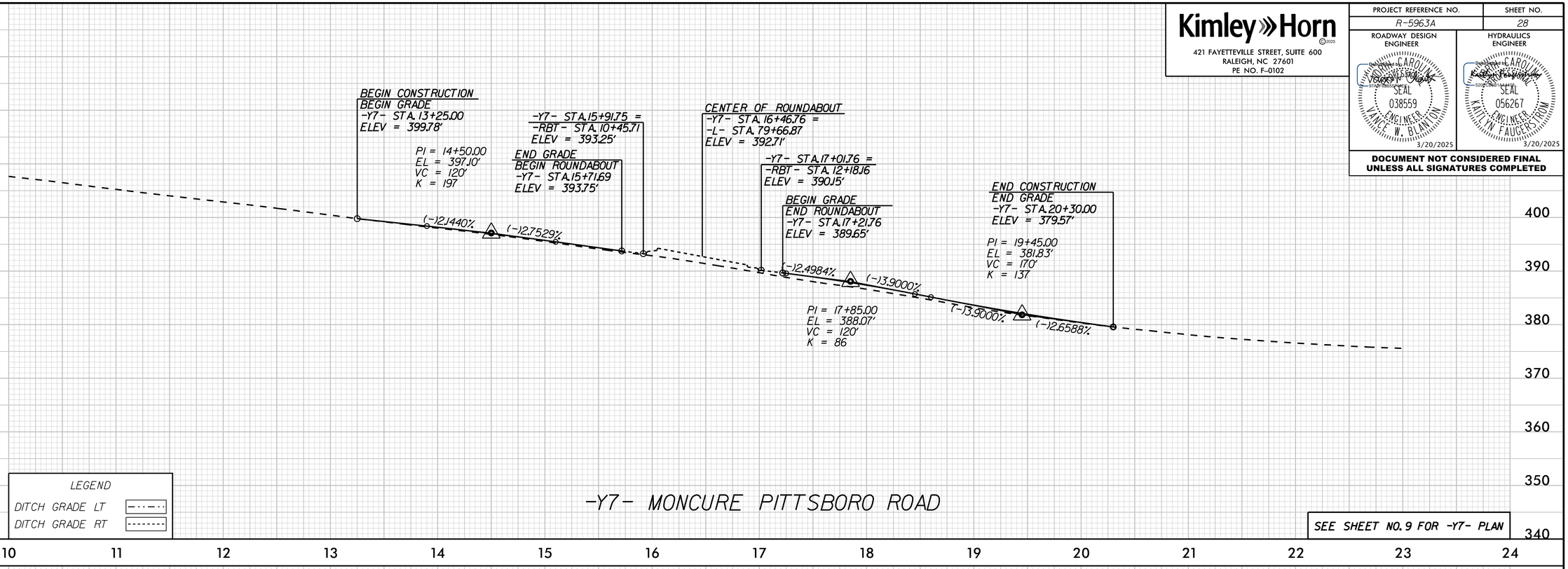

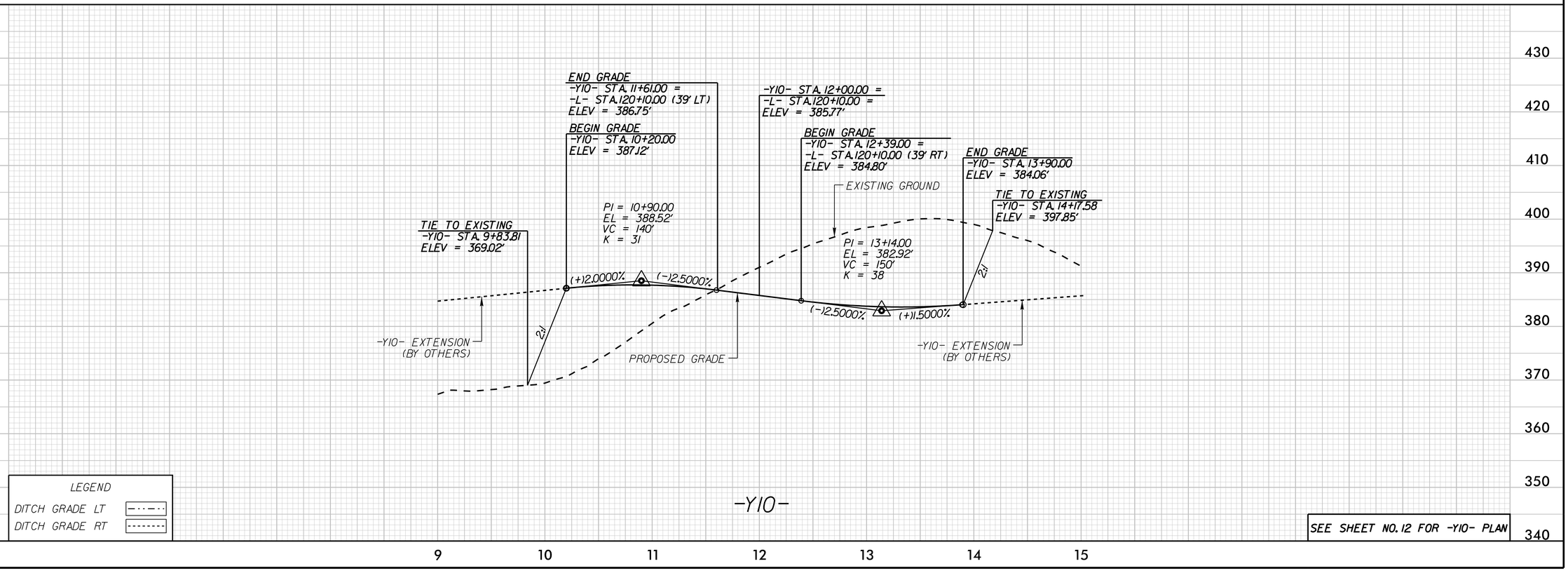

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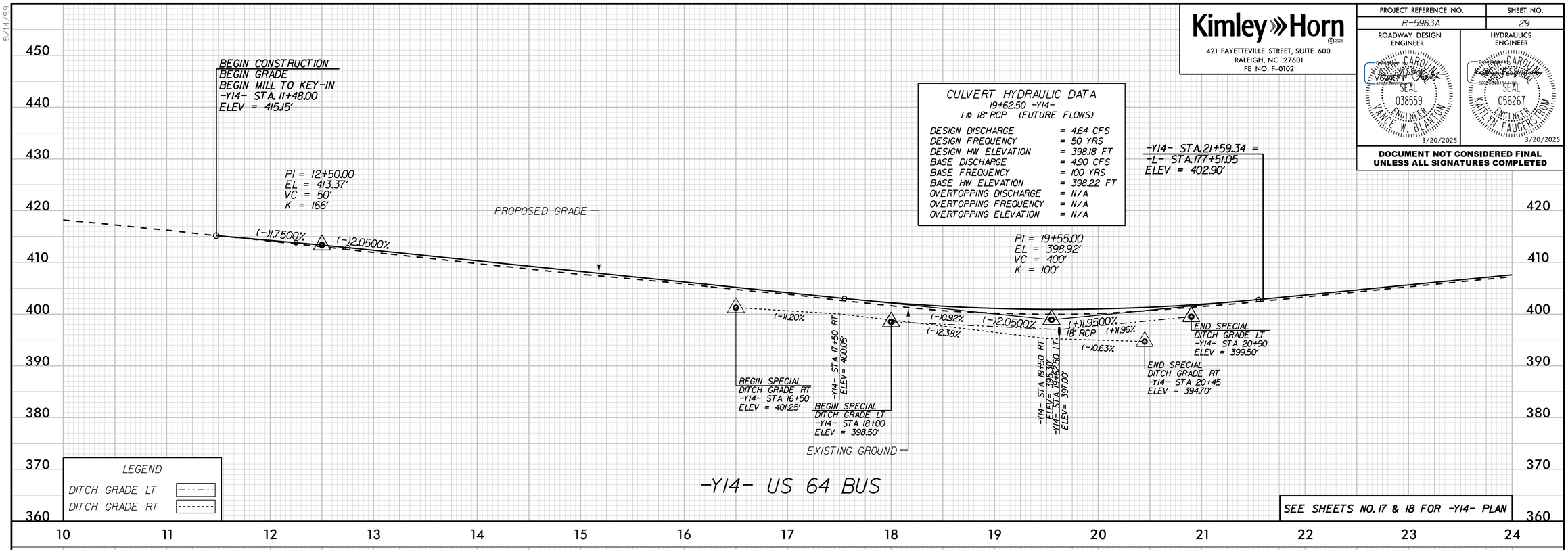

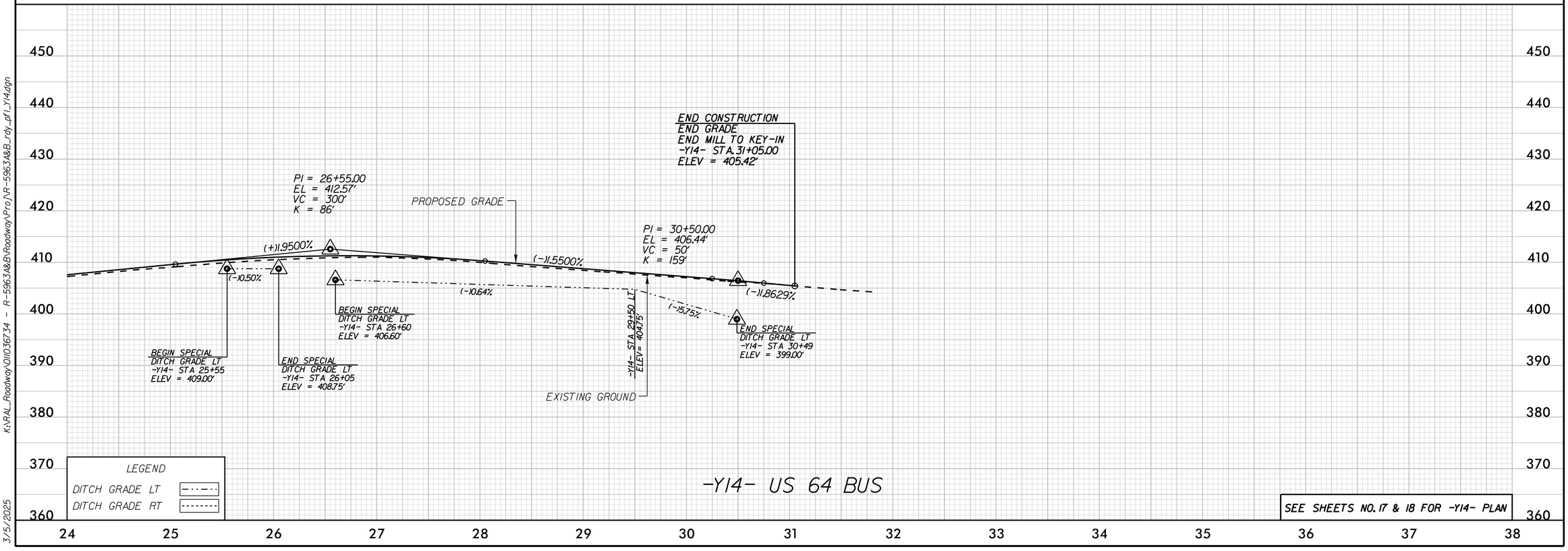

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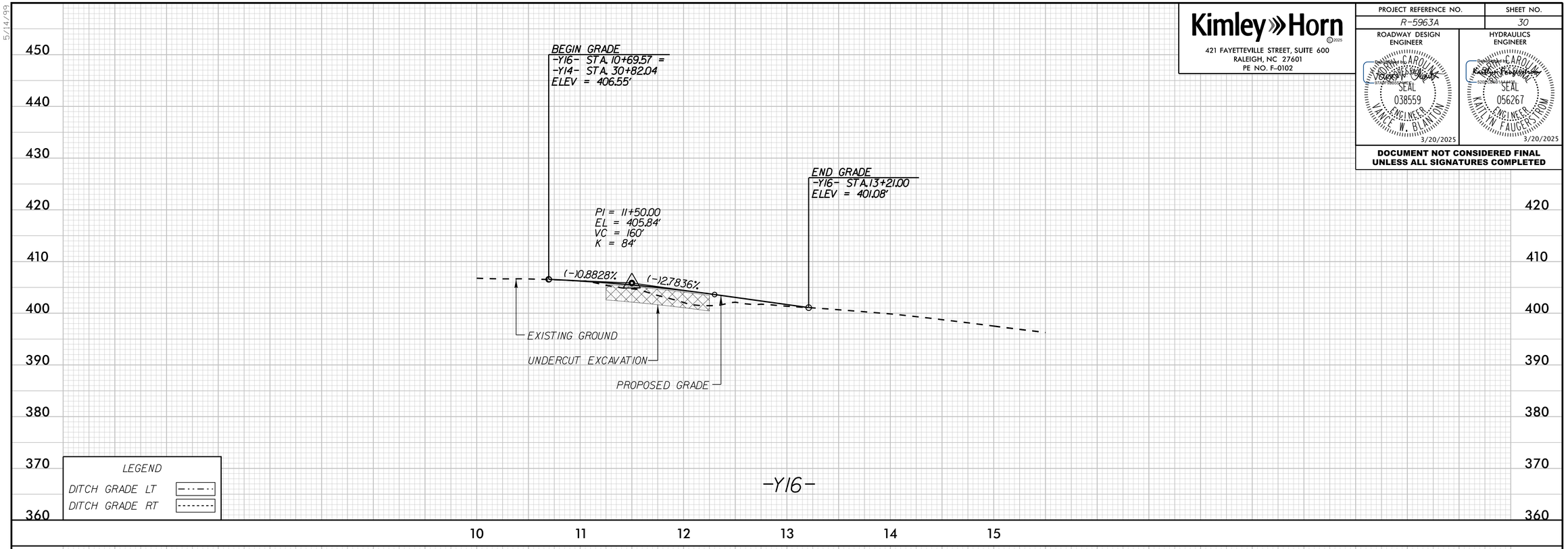

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RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO.	SHEET NO.
R-5930B	31

ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038559 ENGINEER VANCE W. BLANTON 3/20/2025	NORTH CAROLINA PROFESSIONAL SEAL 056267 ENGINEER KAITLYN FAUGERSTROM 3/20/2025

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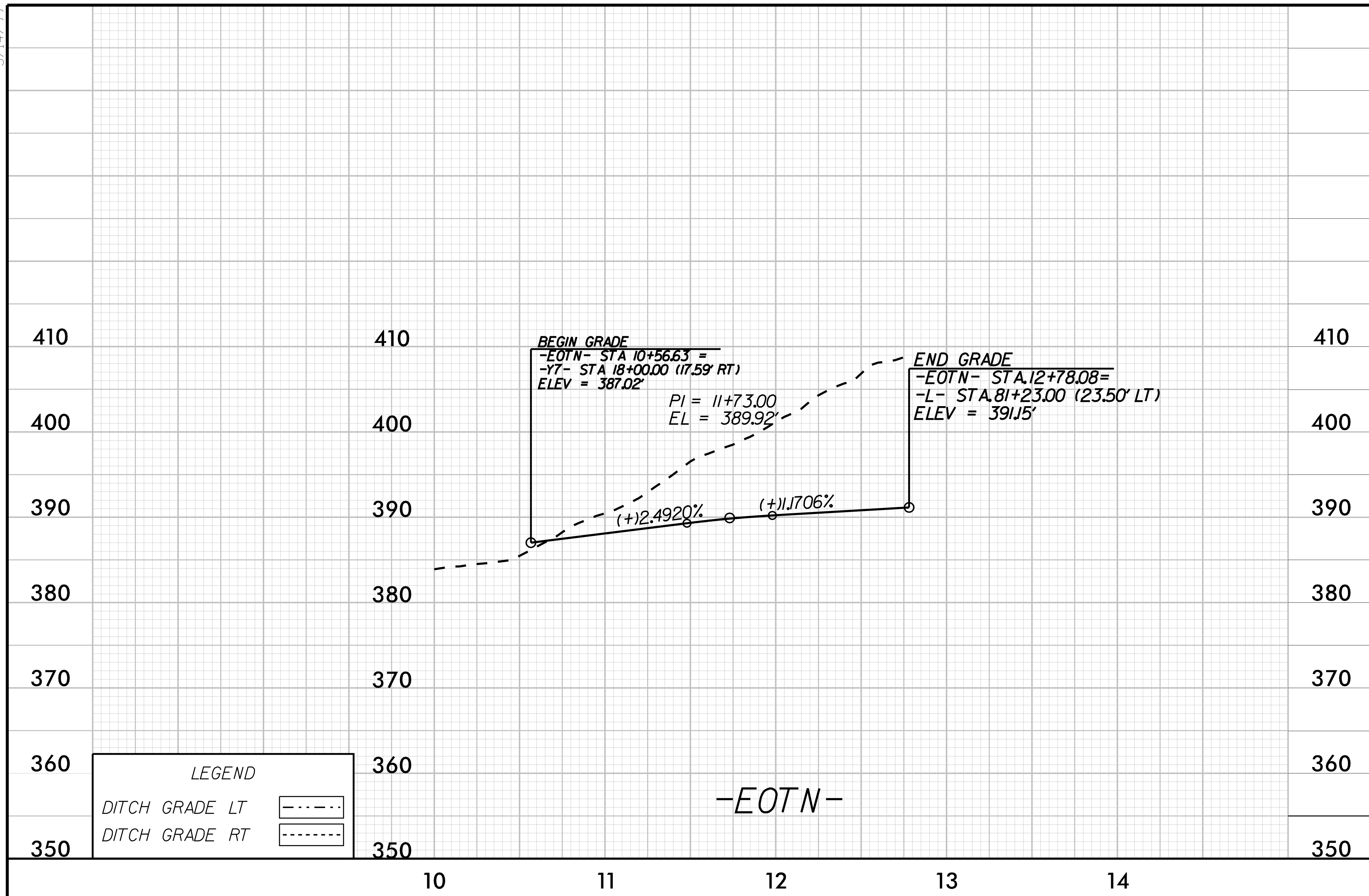

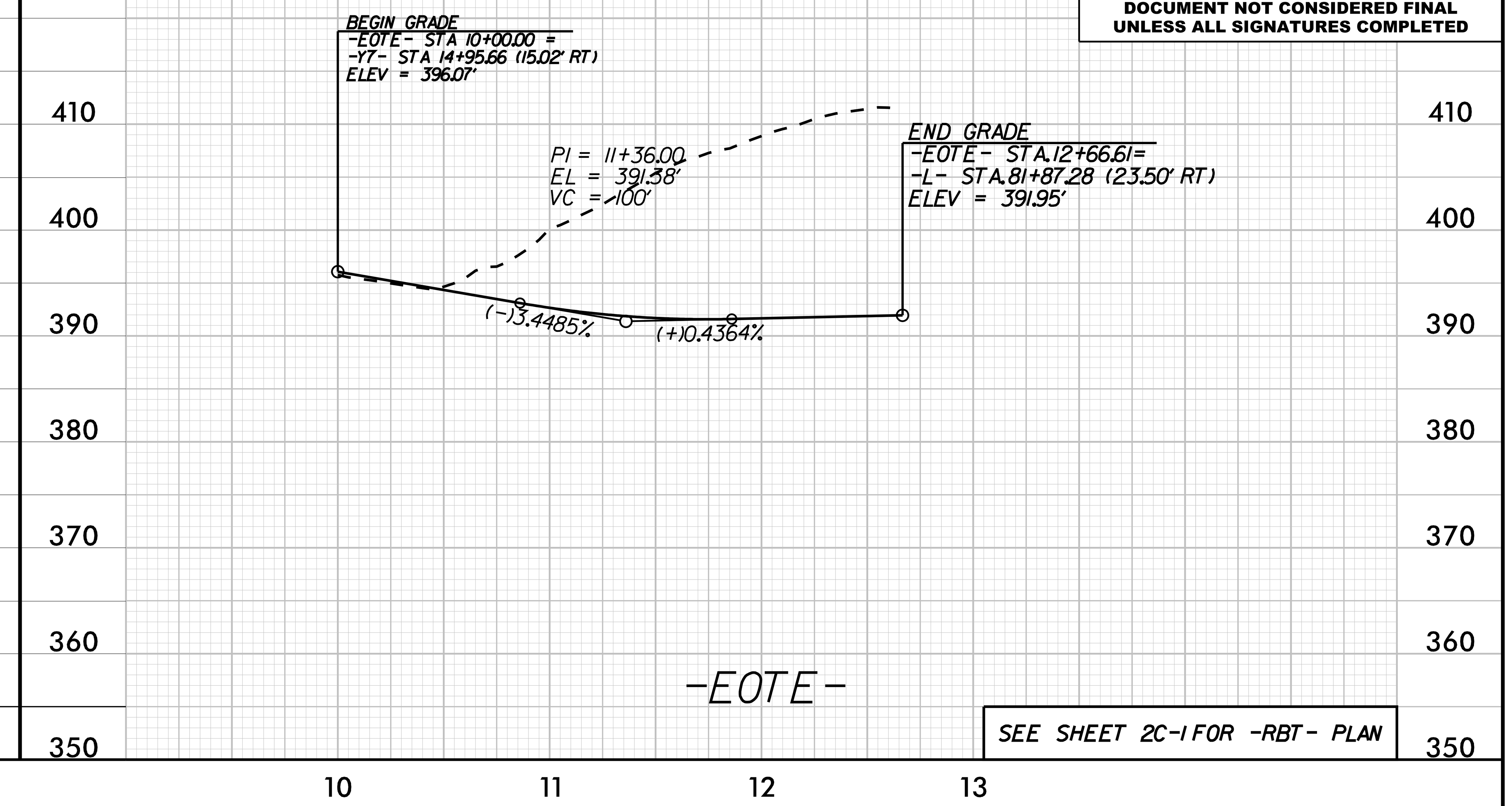

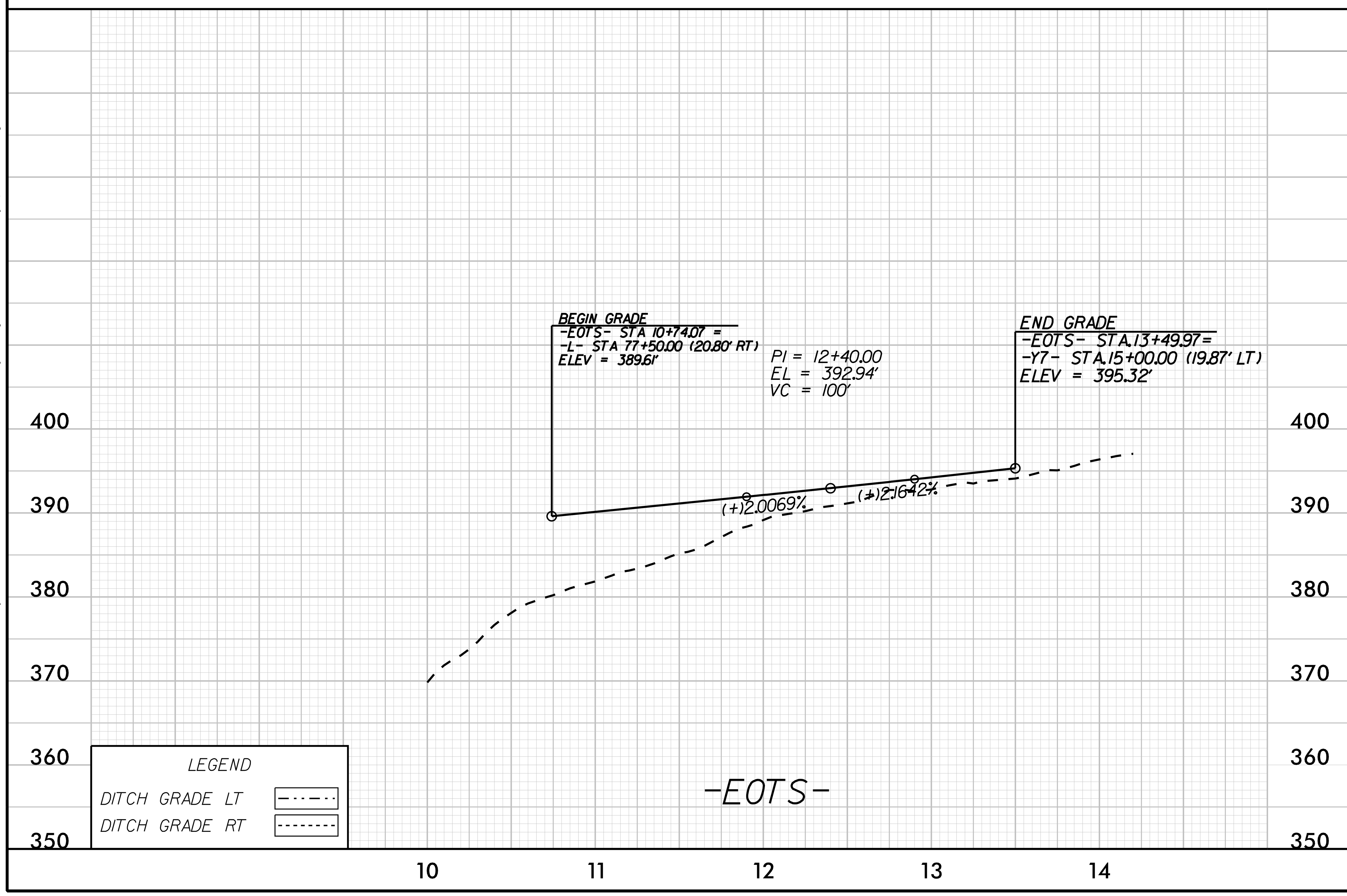

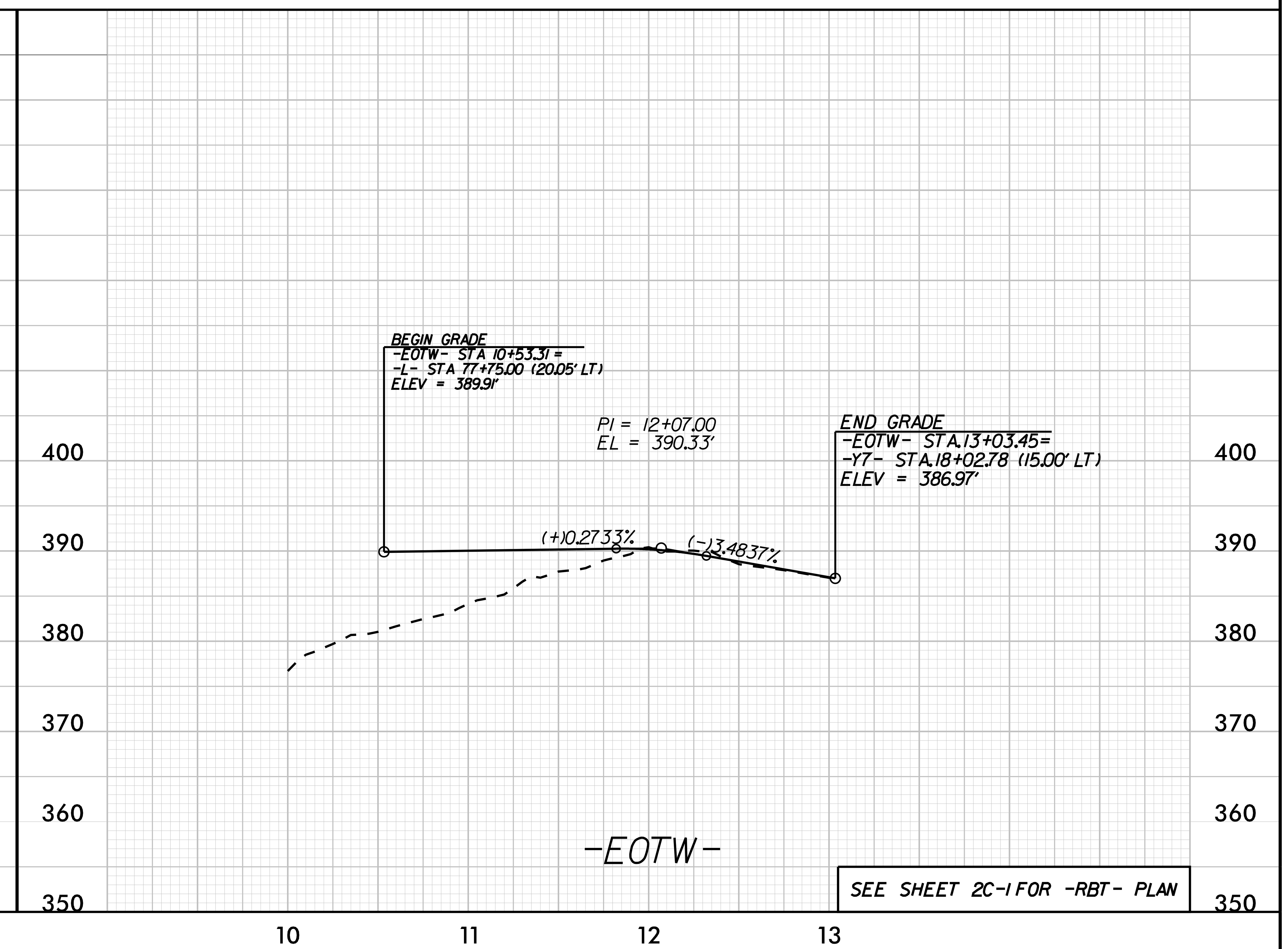

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