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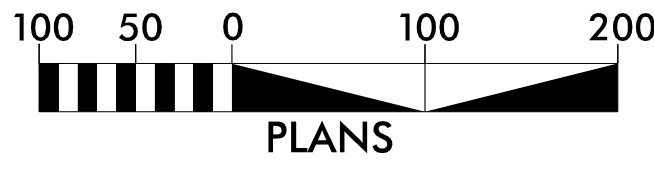
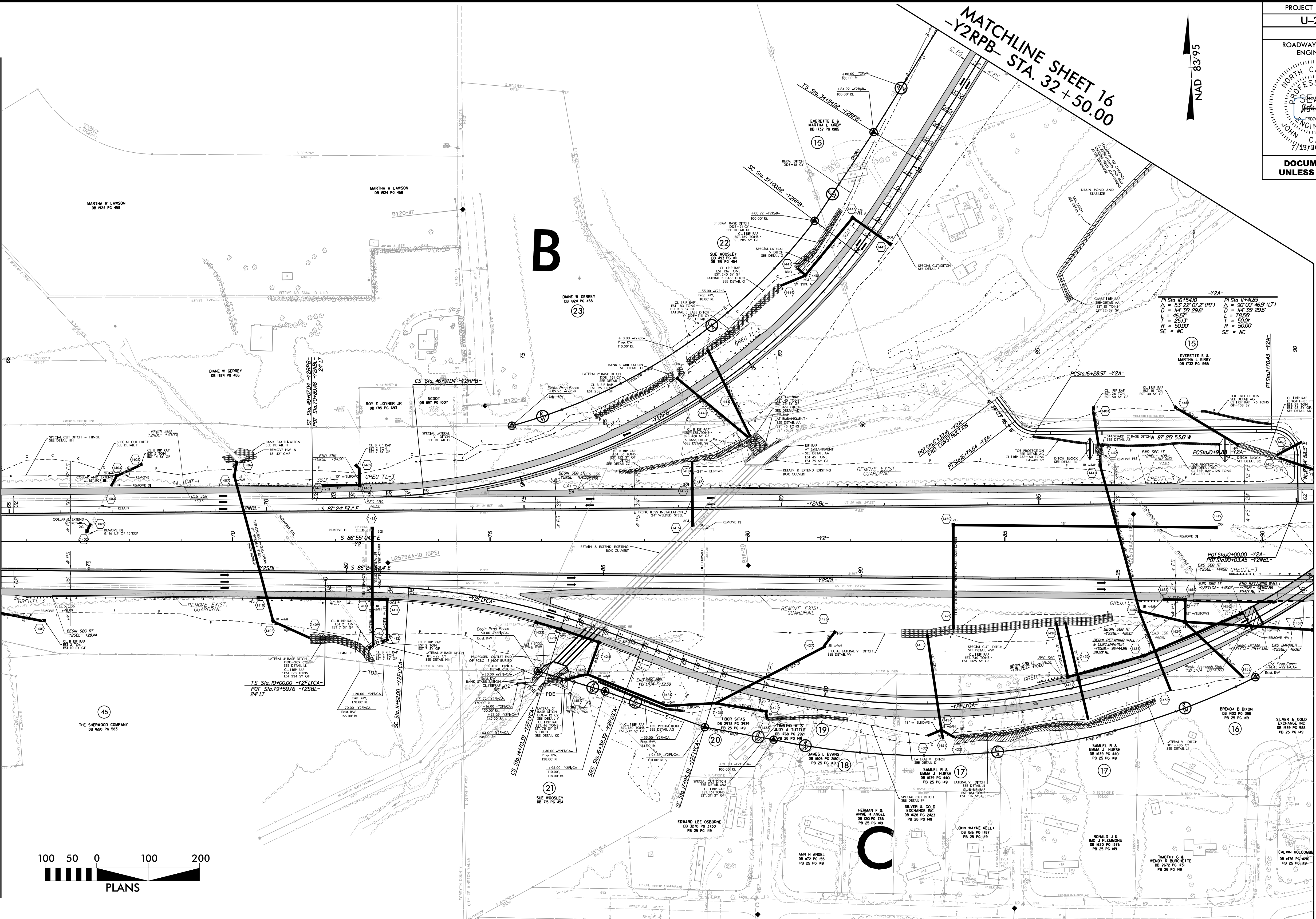
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PROJECT REFERENCE NO. U-2579AA		SHEET NO. 14	
RW SHEET NO. ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
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V&M
Vaughn & Melton
Consulting Engineers
1000 N. Salisbury St.
Charlotte, NC 28204
704.375.1500

WETHERILL
ENGINEERING



-Y2RPB- (RAMP)	
PI Sta 47+63.11	PI Sta 42+26.14
Es = 5'09" 23.8'	Es = 5'09" 23.8'
Ls = 260.00	Ls = 260.00
LT = 144.00	LT = 144.00
T = 525.20'	T = 525.20'
R = 1200.00'	R = 1200.00'
SE = 08	SE = 216
RO = 216	

-Y2FLYCA- (FLYOVER)	
PI Sta 11+08.02	PI Sta 13+66.29
Es = 3'29" 22.07	Es = 3'29" 22.07
Ls = 162.00	Ls = 162.00
LT = 108.00	LT = 108.00
T = 324.00'	T = 324.00'
R = 1330.00'	R = 1330.00'
SE = 06	SE = 162
RO = 162	

PI Sta 17+40.41	PI Sta 36+95.48
Es = 3'29" 22.07	Es = 107'02" 48.8' (LT)
Ls = 162.00	Ls = 4'18" 28.6'
LT = 108.00	Ls = 205.43'
T = 324.00'	Ls = 130.00'
R = 1330.00'	R = 1330.00'
SE = 06	SE = 162
RO = 162	

REVISIONS

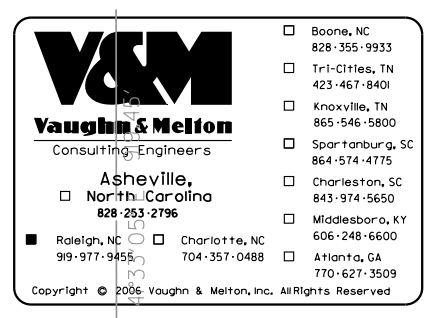
MATCHLINE SHEET 13 -Y2- STA. 65 + 50.00

MATCHLINE SHEET 16 -Y2RPB- STA. 32 + 50.00

MATCHLINE SHEET 5 -Y2- STA. 91 + 00.00 -Y2FLYCA- STA. 29 + 98.44

SEE SHEET S2-1 THRU S2-59 FOR STRUCTURE PLANS
 SEE SHEETS C3-1 THRU C3-7 FOR CULVERT PLANS
 SEE SHEET 24 FOR -Y2FLYCA- PROFILE
 SEE SHEETS 27 THRU 28 FOR -Y2NBL- PROFILE
 SEE SHEET 31 FOR -Y2SBL- PROFILE
 SEE SHEETS 33 THRU 34 FOR -Y2RPB- PROFILE
 SEE SHEET 40 FOR -Y2A- PROFILE
 SEE SHEETS 2D-1 THRU 2D-3 FOR DITCH DETAILS
 SEE SHEET 2B-10 FOR BRIDGE DETAIL
 SEE SHEETS W-1 THRU W-12 FOR RETAINING WALL PLANS

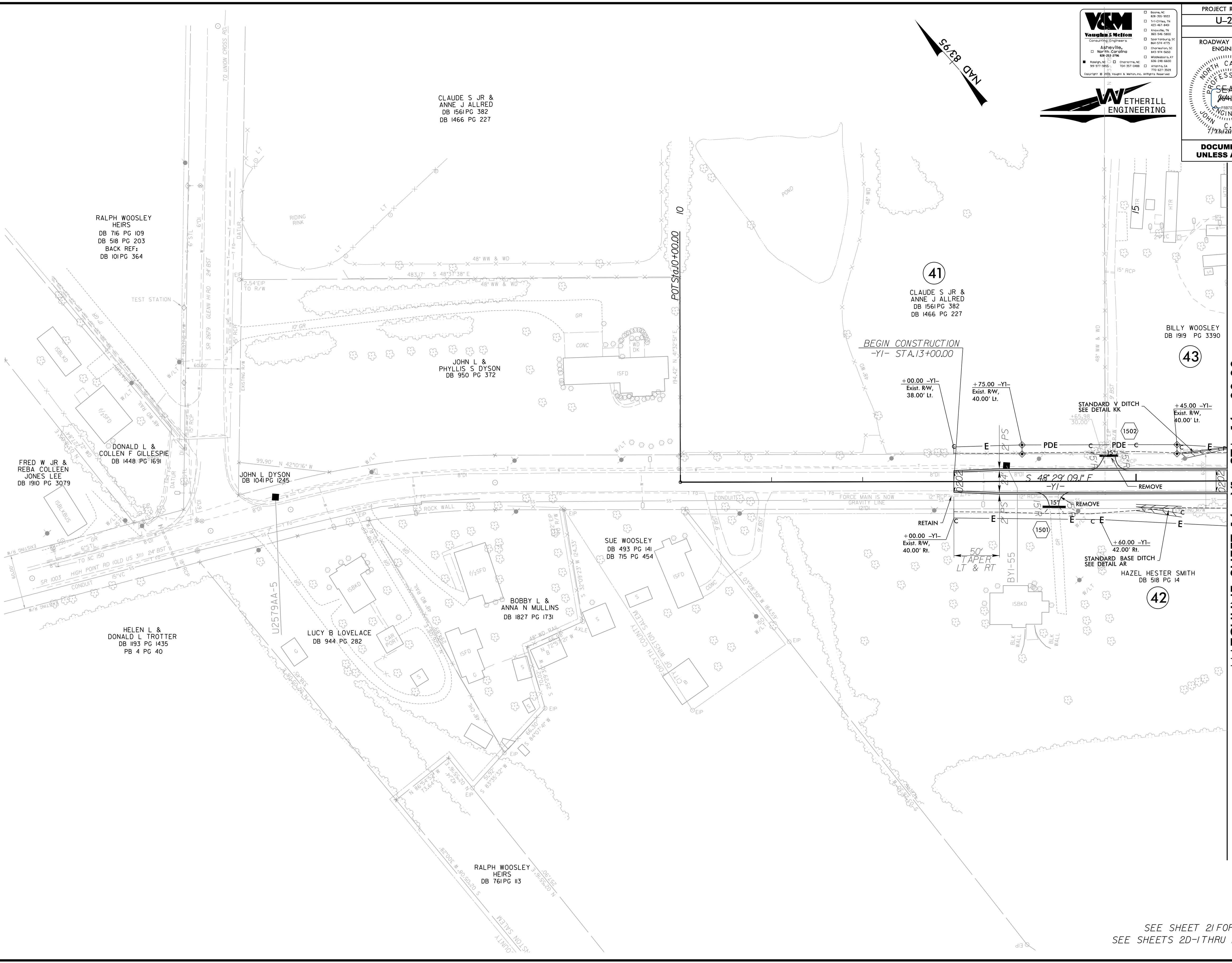
8.17.99



PROJECT REFERENCE NO. U-2579AA	SHEET NO. 15
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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REVISIONS



41

CLAUDE S JR & ANNE J ALLRED
DB 1561 PG 382
DB 1466 PG 227

BEGIN CONSTRUCTION
-YI- STA. 13+00.00

+00.00 -YI-
Exist. RW,
38.00' Lt.

+75.00 -YI-
Exist. RW,
40.00' Lt.

43

BILLY WOOSLEY
DB 1919 PG 3390

+45.00 -YI-
Exist. RW,
40.00' Lt.

42

HAZEL HESTER SMITH
DB 518 PG 14

+00.00 -YI-
Exist. RW,
40.00' Rt.

+60.00 -YI-
42.00' Rt.

MATCHLINE SHEET 16 -YI- STA. 16+00.00

SEE SHEET 21 FOR -YI- PROFILE
SEE SHEETS 2D-1 THRU 2D-3 FOR DITCH DETAILS

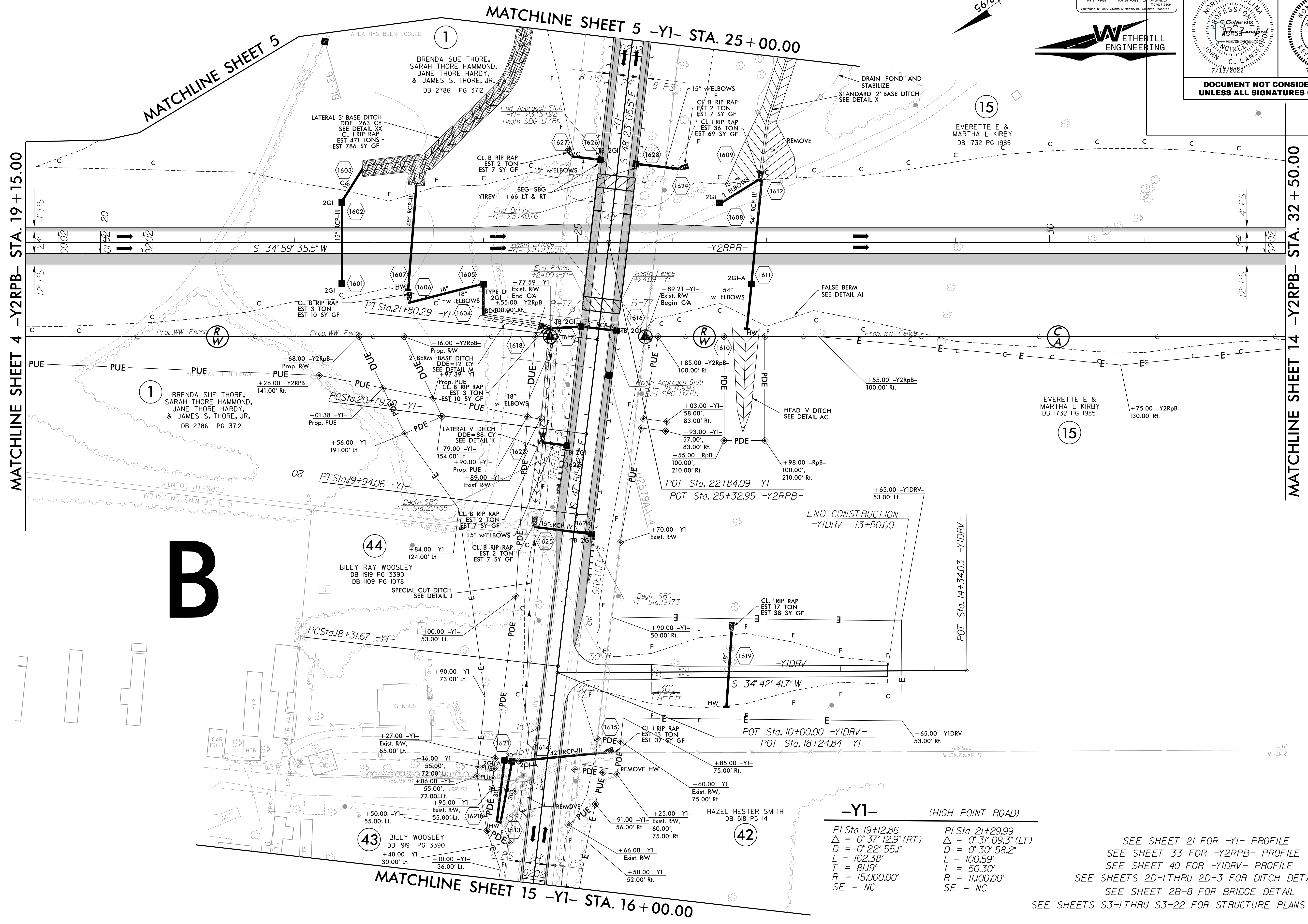
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North Carolina
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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 16
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>John C. Langford</i> Professional Engineer No. 54977 7/13/2022	<i>Kevin B. Alfors</i> Professional Engineer No. 54977 7/13/2022
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C:\Users\jmelton\OneDrive\Documents\2579AA\2579AA.dwg
jmelton

-Y1- (HIGH POINT ROAD)

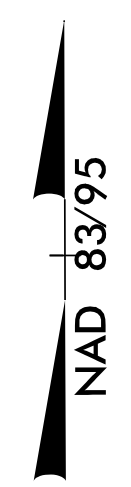
PI Sta 19+12.86 Δ = 0° 37' 12.9" (RT) D = 0° 22' 55.1" L = 162.38' T = 81.9' R = 15,000.00' SE = NC	PI Sta 21+29.99 Δ = 0° 31' 09.3" (LT) D = 0° 30' 58.2" L = 100.59' T = 50.30' R = 11,000.00' SE = NC
---	--

SEE SHEET 21 FOR -Y1- PROFILE
SEE SHEET 33 FOR -Y2RPB- PROFILE
SEE SHEET 40 FOR -YIDRV- PROFILE
SEE SHEETS 2D-1THRU 2D-3 FOR DITCH DETAILS
SEE SHEET 2B-8 FOR BRIDGE DETAIL
SEE SHEETS S3-1THRU S3-22 FOR STRUCTURE PLANS

B

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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 17
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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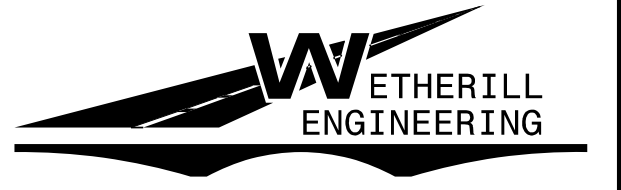


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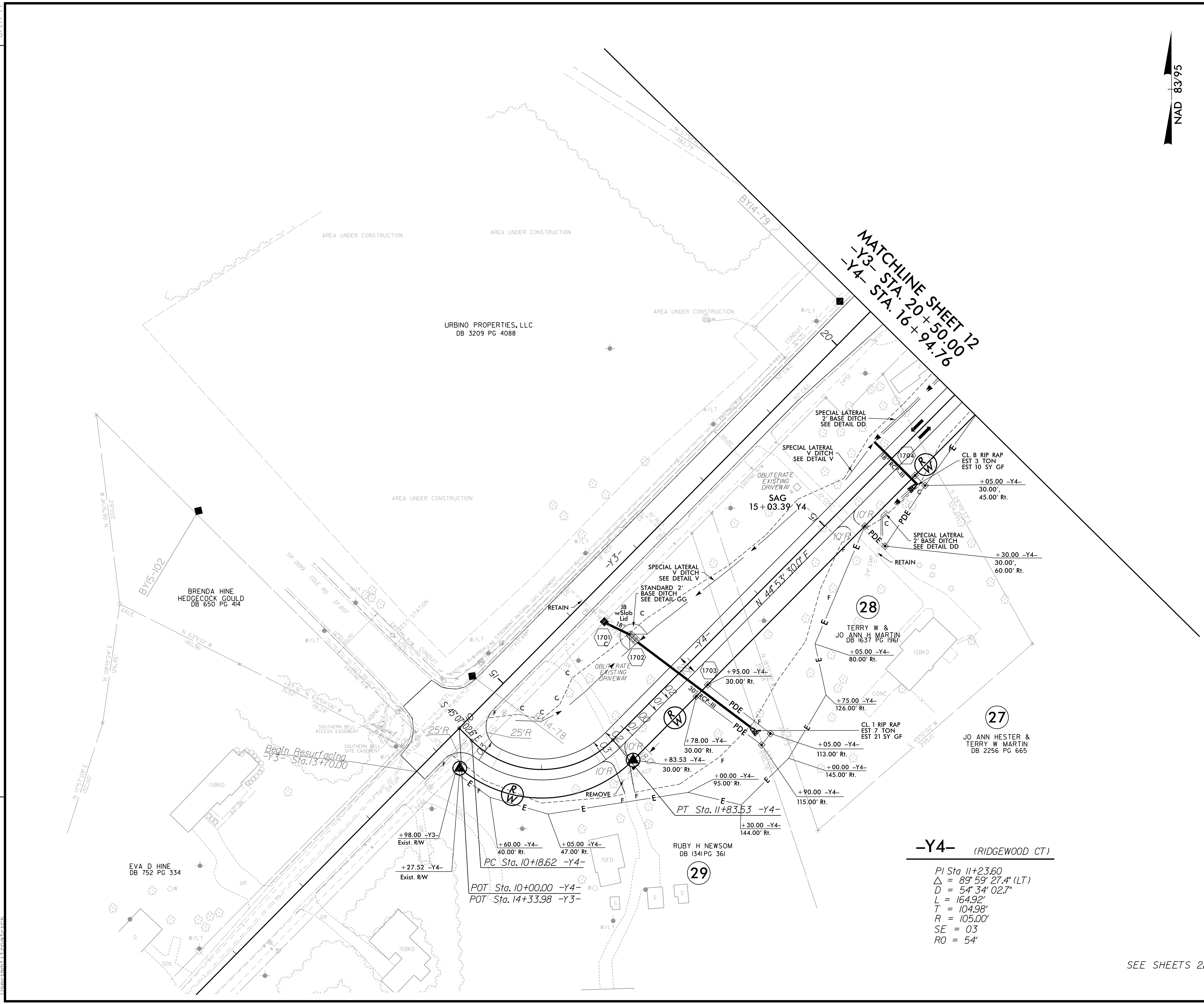
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North Carolina 919-977-3465

Charlotte, NC 704-357-0488
Atlanta, GA 770-607-3209

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REVISIONS



-Y4- (RIDGWOOD CT)

PI Sta 11+23.60
 $\Delta = 89^\circ 59' 27.4''$ (LT)
 $D = 54^\circ 34' 02.7''$
 $L = 164.92'$
 $T = 104.98'$
 $R = 105.00'$
 $SE = 03$
 $RO = 54'$

SEE SHEET 39 FOR -Y4- PROFILE
 SEE SHEETS 2D-1 THRU 2D-3 FOR DITCH DETAILS

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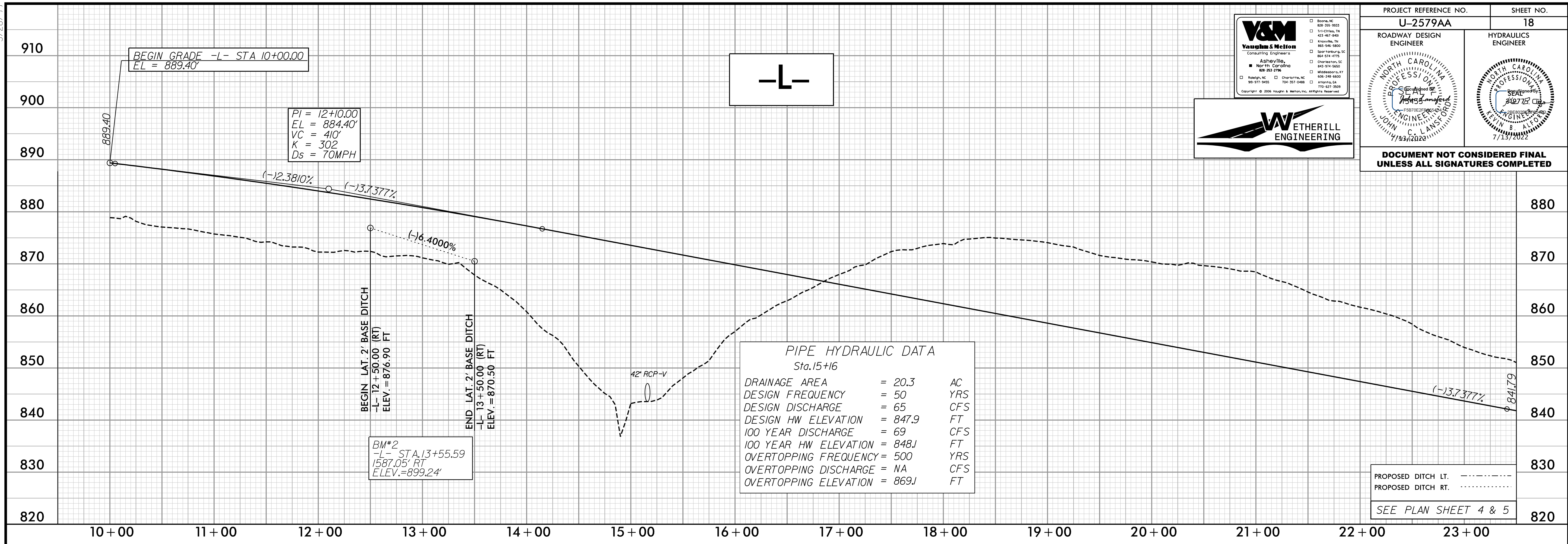
5/28/2018

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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

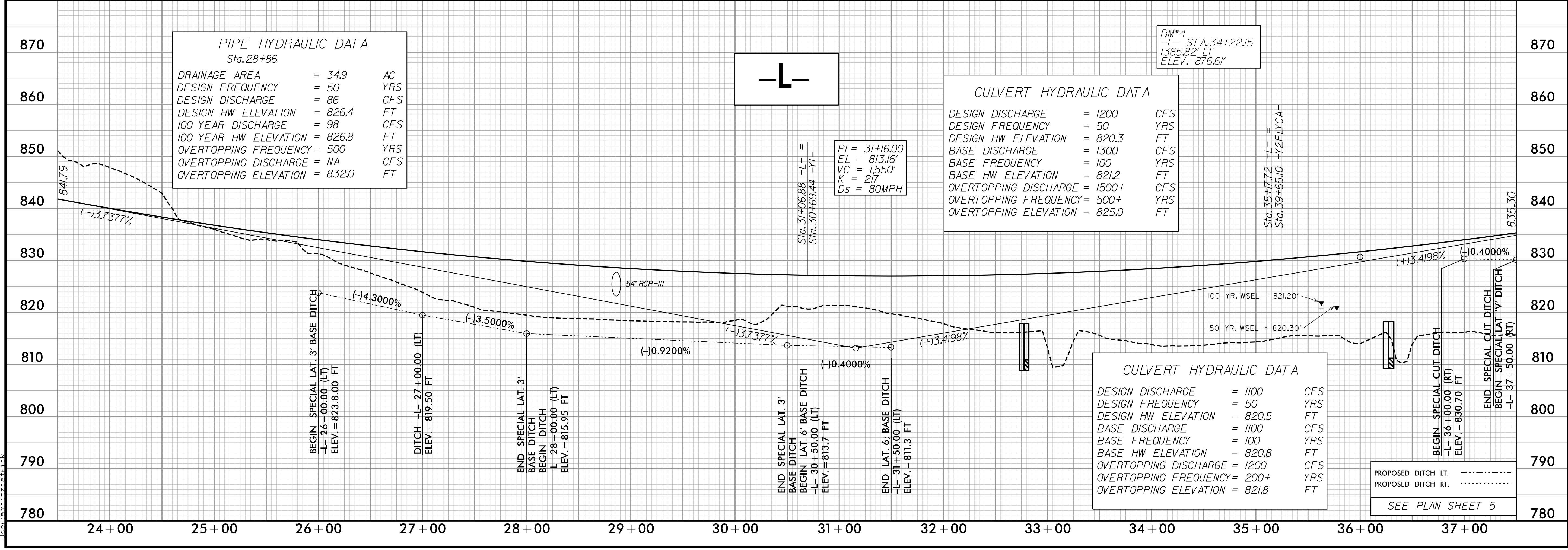
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PIPE HYDRAULIC DATA
Sta. 15+16

DRAINAGE AREA	= 20.3	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 65	CFS
DESIGN HW ELEVATION	= 847.9	FT
100 YEAR DISCHARGE	= 69	CFS
100 YEAR HW ELEVATION	= 848J	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= NA	CFS
OVERTOPPING ELEVATION	= 869J	FT

PROPOSED DITCH LT. - - - - -
PROPOSED DITCH RT. - - - - -
SEE PLAN SHEET 4 & 5



PIPE HYDRAULIC DATA
Sta. 28+86

DRAINAGE AREA	= 34.9	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 86	CFS
DESIGN HW ELEVATION	= 826.4	FT
100 YEAR DISCHARGE	= 98	CFS
100 YEAR HW ELEVATION	= 826.8	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= NA	CFS
OVERTOPPING ELEVATION	= 832.0	FT

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 1200	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 820.3	FT
BASE DISCHARGE	= 1300	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 821.2	FT
OVERTOPPING DISCHARGE	= 1500+	CFS
OVERTOPPING FREQUENCY	= 500+	YRS
OVERTOPPING ELEVATION	= 825.0	FT

CULVERT HYDRAULIC DATA

DESIGN DISCHARGE	= 1100	CFS
DESIGN FREQUENCY	= 50	YRS
DESIGN HW ELEVATION	= 820.5	FT
BASE DISCHARGE	= 1100	CFS
BASE FREQUENCY	= 100	YRS
BASE HW ELEVATION	= 820.8	FT
OVERTOPPING DISCHARGE	= 1200	CFS
OVERTOPPING FREQUENCY	= 200+	YRS
OVERTOPPING ELEVATION	= 821.8	FT

PROPOSED DITCH LT. - - - - -
PROPOSED DITCH RT. - - - - -
SEE PLAN SHEET 5

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 99-917-9455

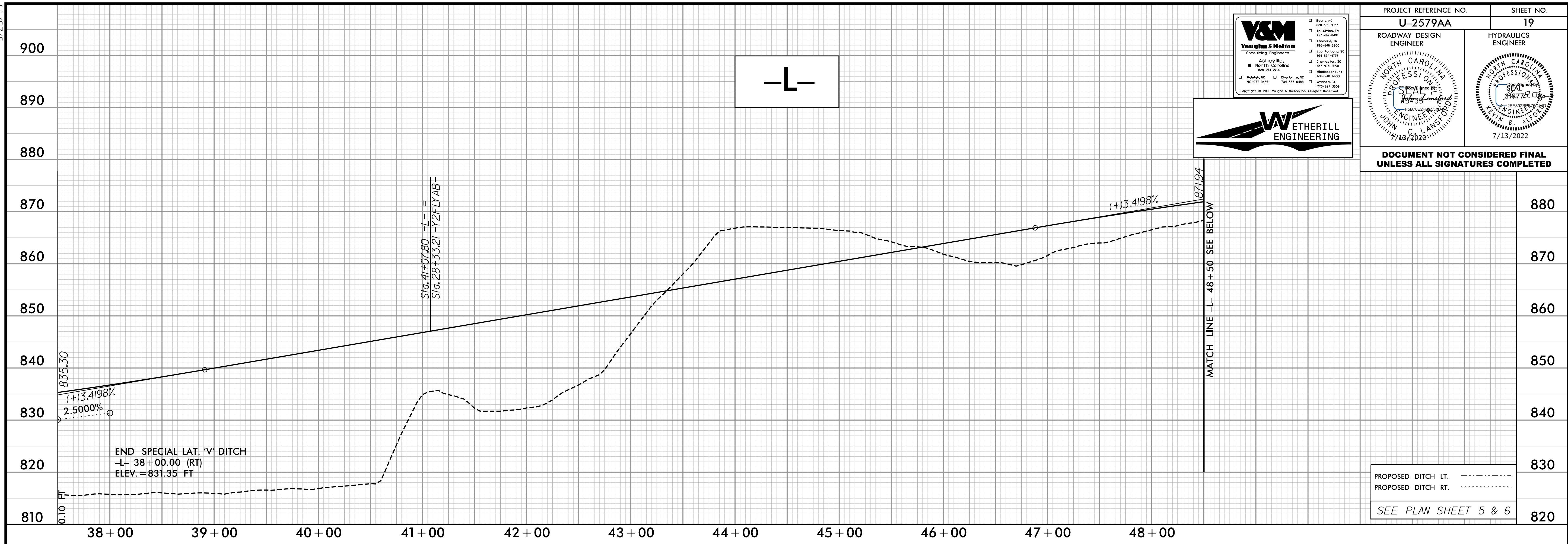
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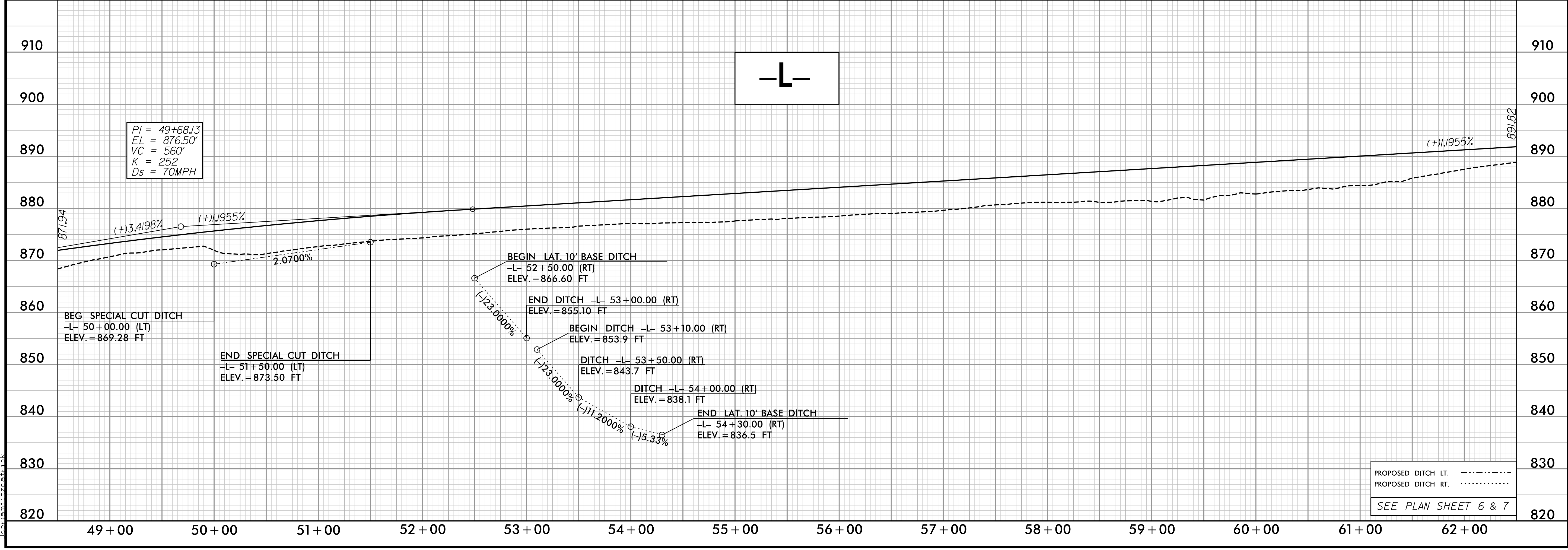
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7/13/2022	7/13/2022

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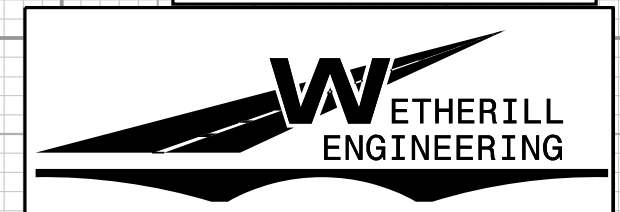
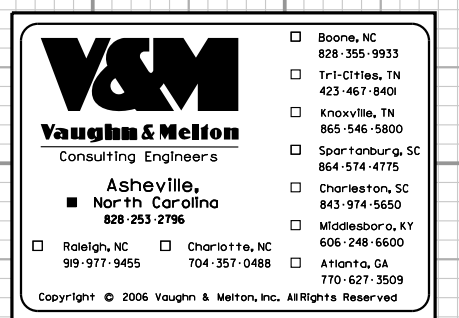
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 PROPOSED DITCH RT. -
 SEE PLAN SHEET 5 & 6

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PROPOSED DITCH LT. - - - - -
 PROPOSED DITCH RT. -
 SEE PLAN SHEET 6 & 7

5/28/2022



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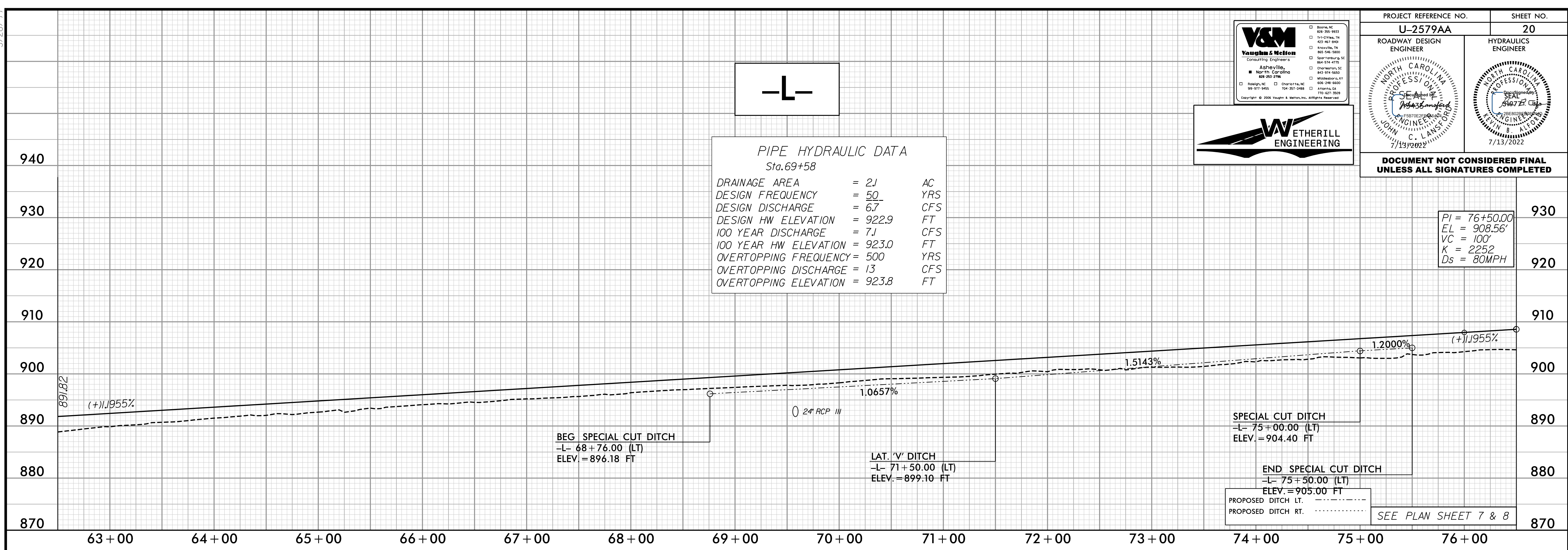
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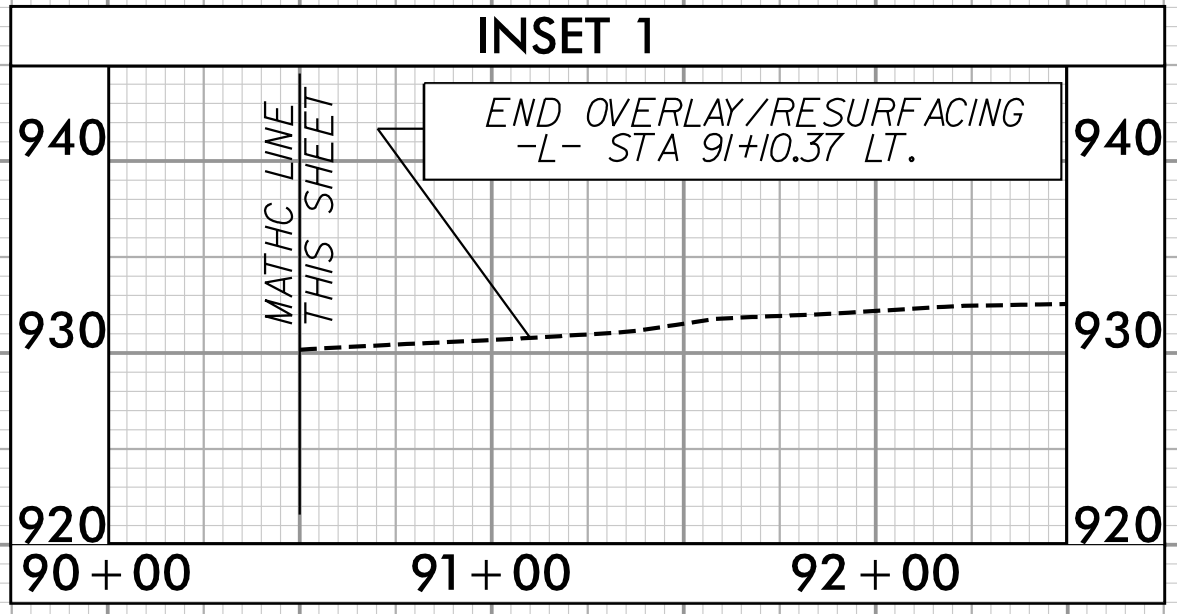
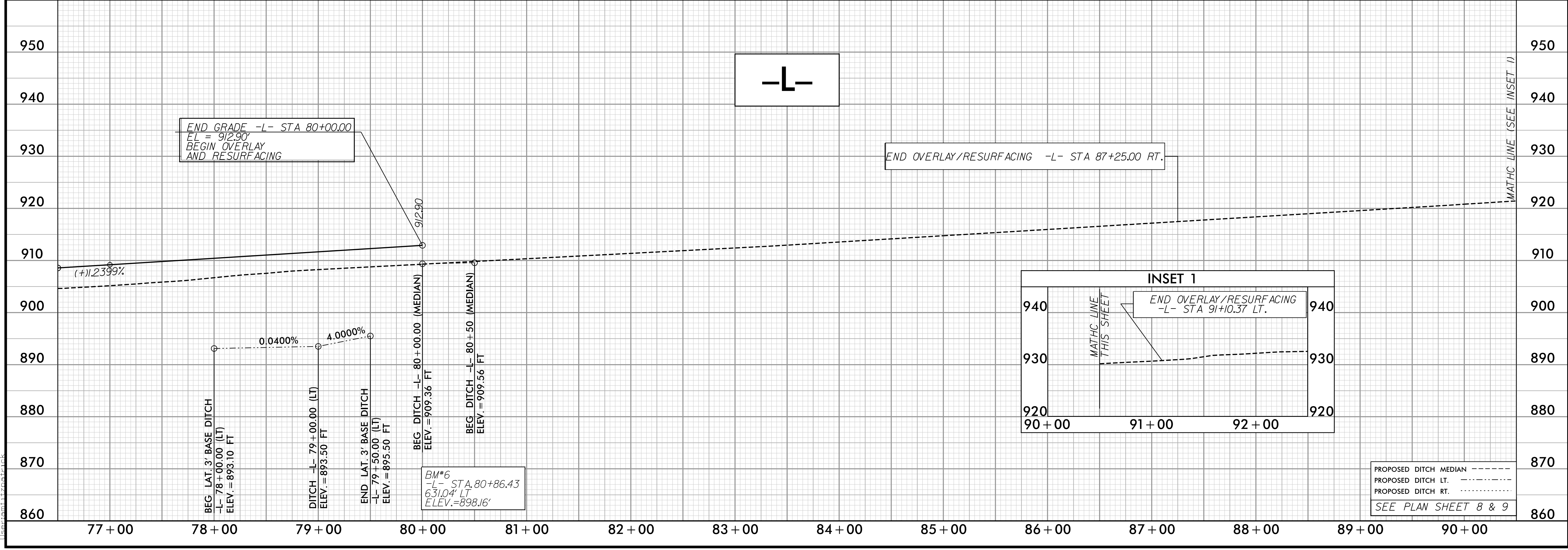
PIPE HYDRAULIC DATA
Sta. 69+58

DRAINAGE AREA	= 2J	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 6.7	CFS
DESIGN HW ELEVATION	= 922.9	FT
100 YEAR DISCHARGE	= 7J	CFS
100 YEAR HW ELEVATION	= 923.0	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 13	CFS
OVERTOPPING ELEVATION	= 923.8	FT

PI = 76+50.00
EL = 908.56'
VC = 100'
K = 2252
Ds = 80MPH



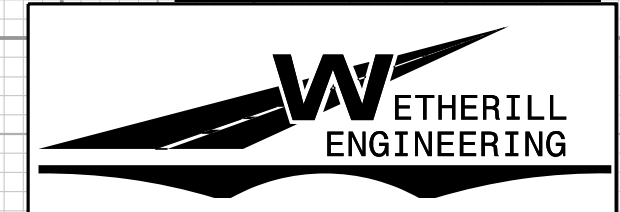
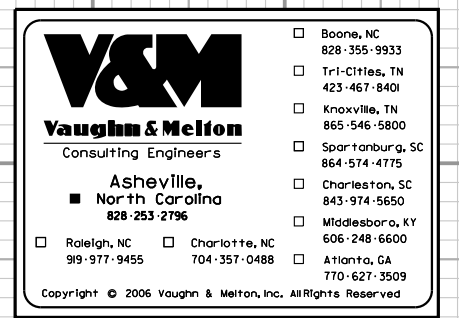
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PROPOSED DITCH MEDIAN - - - - -
PROPOSED DITCH LT. - - - - -
PROPOSED DITCH RT.
SEE PLAN SHEET 8 & 9

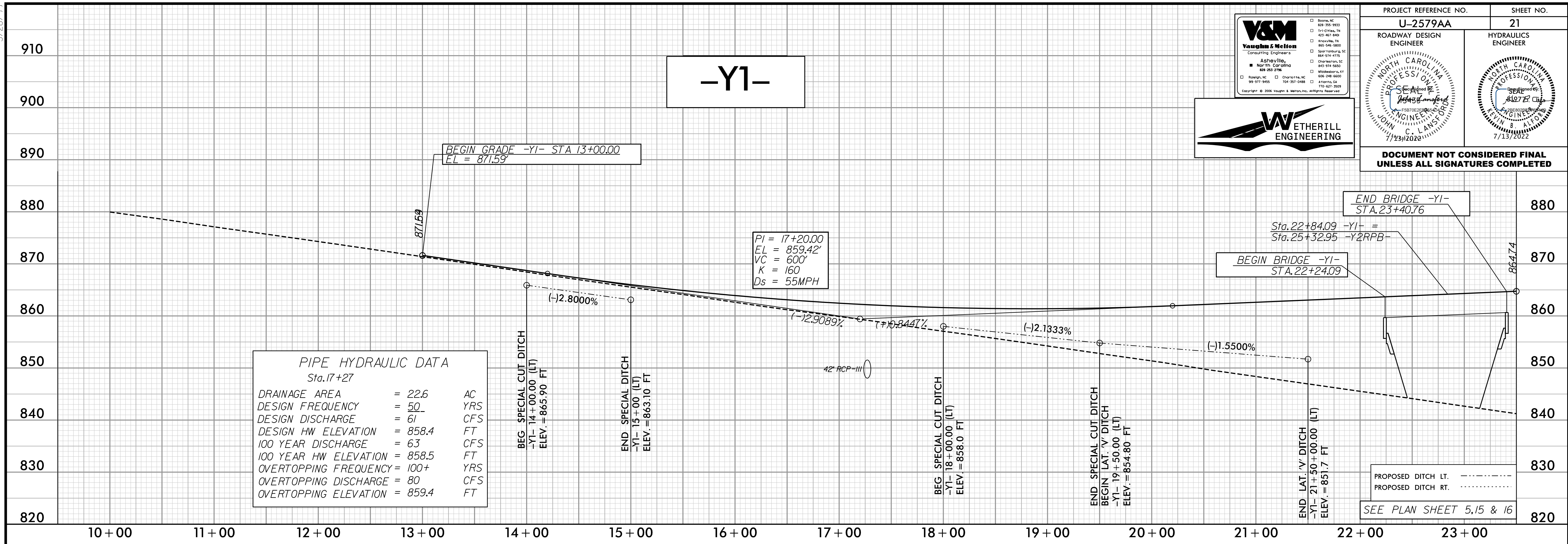
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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

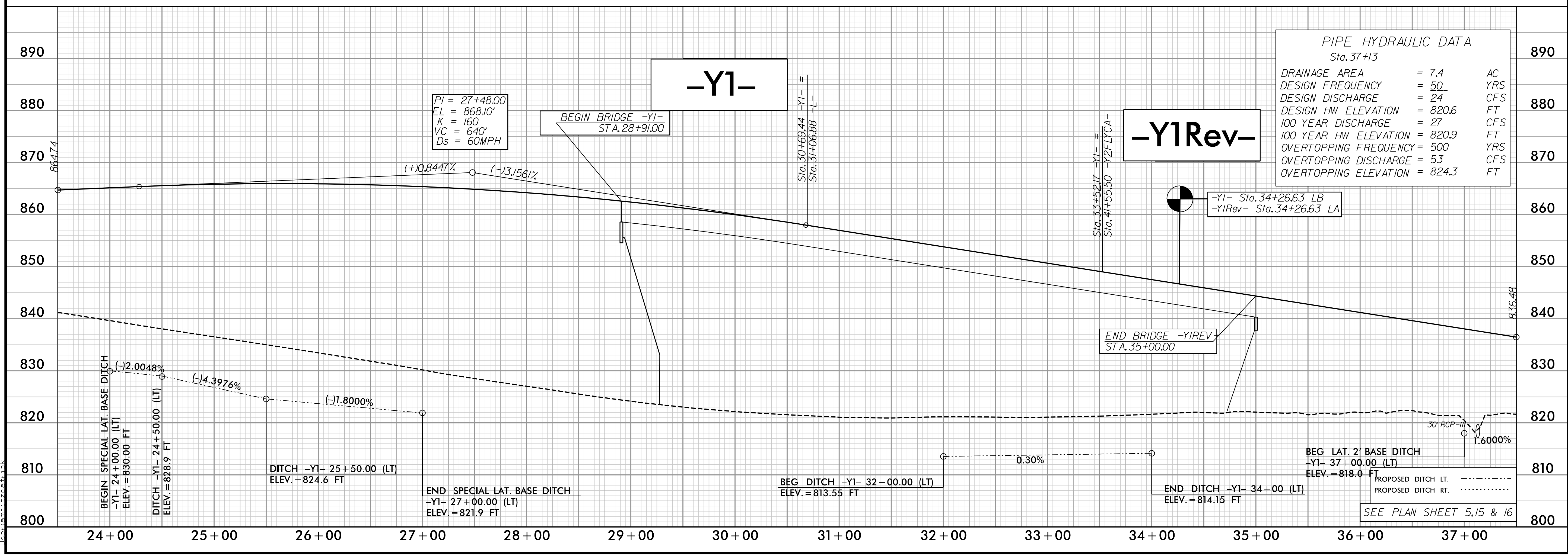
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PIPE HYDRAULIC DATA
Sta. 17+27

DRAINAGE AREA	= 22.6	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 61	CFS
DESIGN HW ELEVATION	= 858.4	FT
100 YEAR DISCHARGE	= 63	CFS
100 YEAR HW ELEVATION	= 858.5	FT
OVERTOPPING FREQUENCY	= 100+	YRS
OVERTOPPING DISCHARGE	= 80	CFS
OVERTOPPING ELEVATION	= 859.4	FT

PROPOSED DITCH LT. - - - - -
 PROPOSED DITCH RT. -
 SEE PLAN SHEET 5, 15 & 16



PIPE HYDRAULIC DATA
Sta. 37+13

DRAINAGE AREA	= 7.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 24	CFS
DESIGN HW ELEVATION	= 820.6	FT
100 YEAR DISCHARGE	= 27	CFS
100 YEAR HW ELEVATION	= 820.9	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 53	CFS
OVERTOPPING ELEVATION	= 824.3	FT

PROPOSED DITCH LT. - - - - -
 PROPOSED DITCH RT. -
 SEE PLAN SHEET 5, 15 & 16

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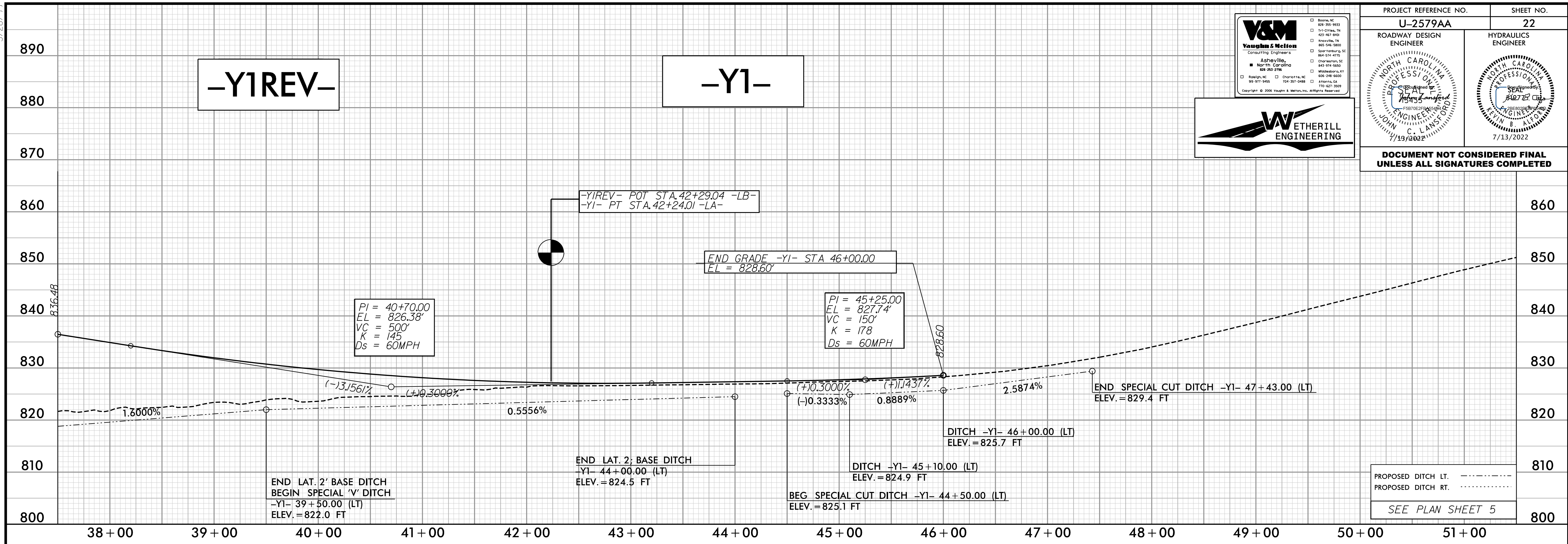
Charlotte, NC
 Raleigh, NC
 Durham, NC
 Greensboro, NC
 Winston-Salem, NC

800-333-9933
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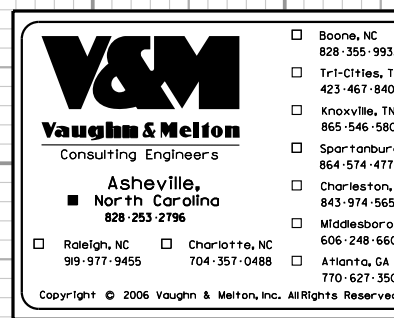
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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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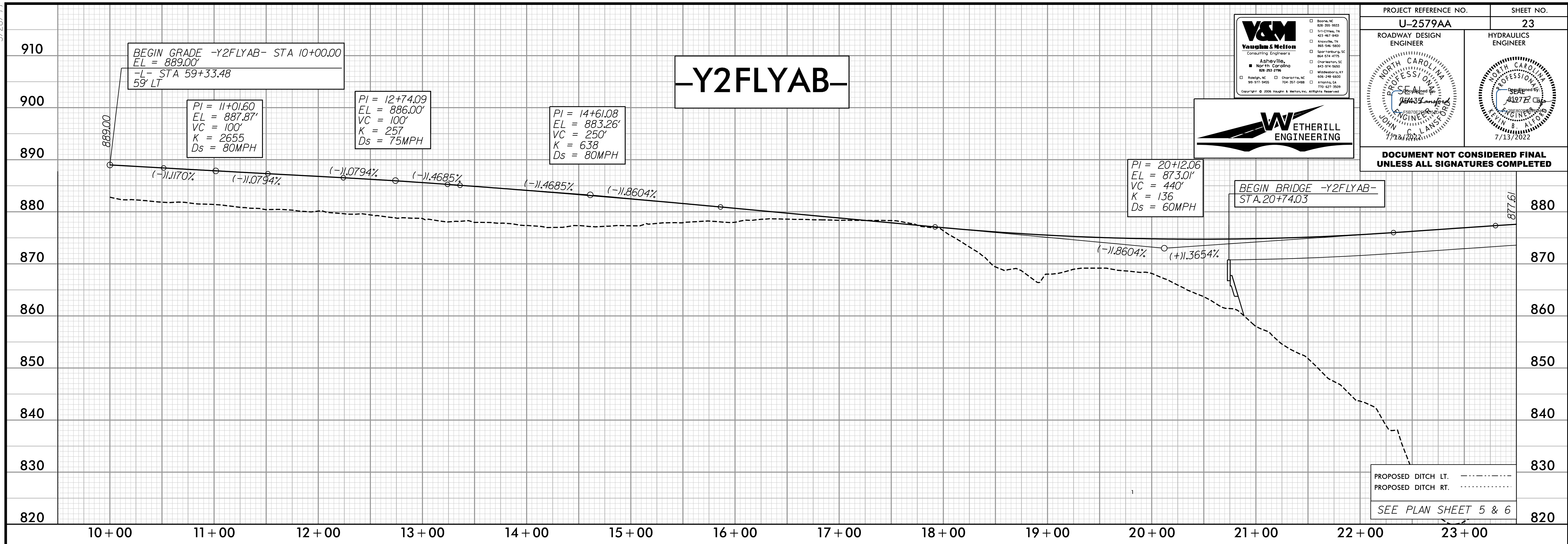
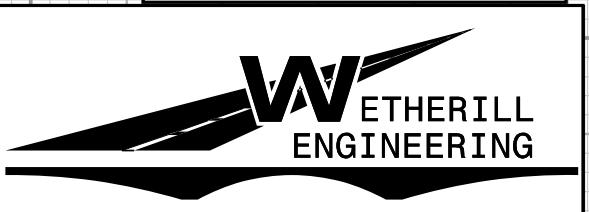
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5/28/24

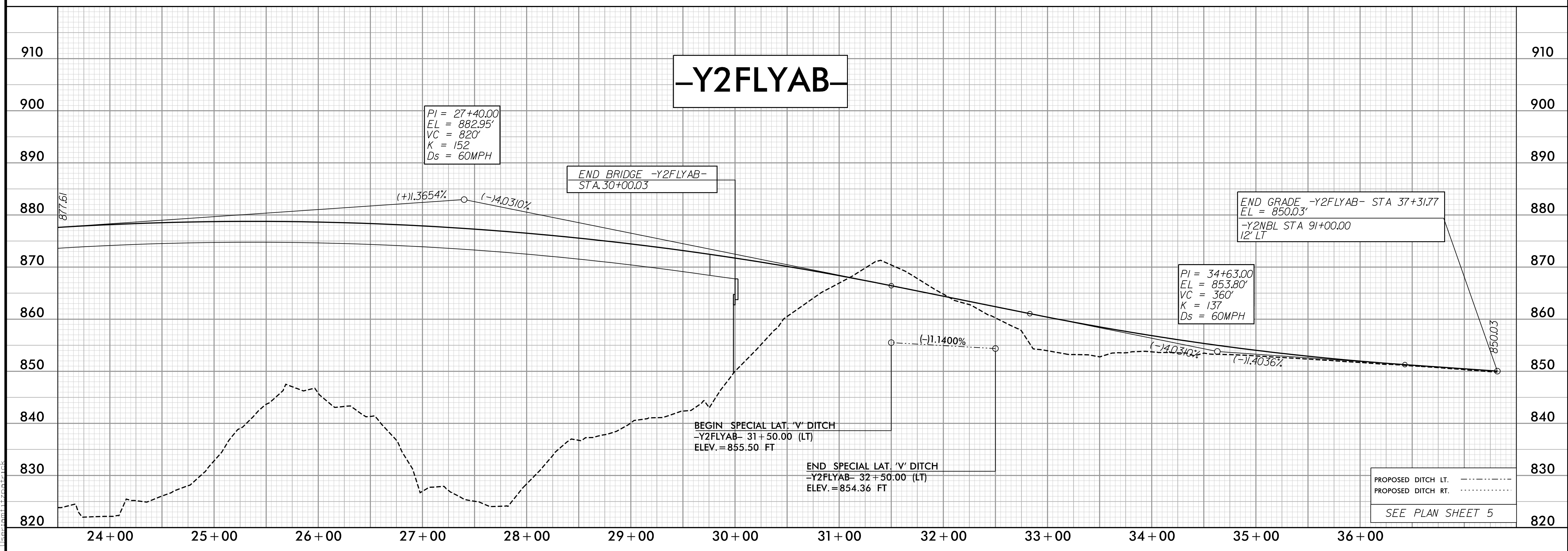


PROJECT REFERENCE NO. U-2579AA	SHEET NO. 23
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>John C. Anstetter</i> Professional Engineer No. 12427 7/13/2022	<i>John C. Anstetter</i> Professional Engineer No. 12427 7/13/2022

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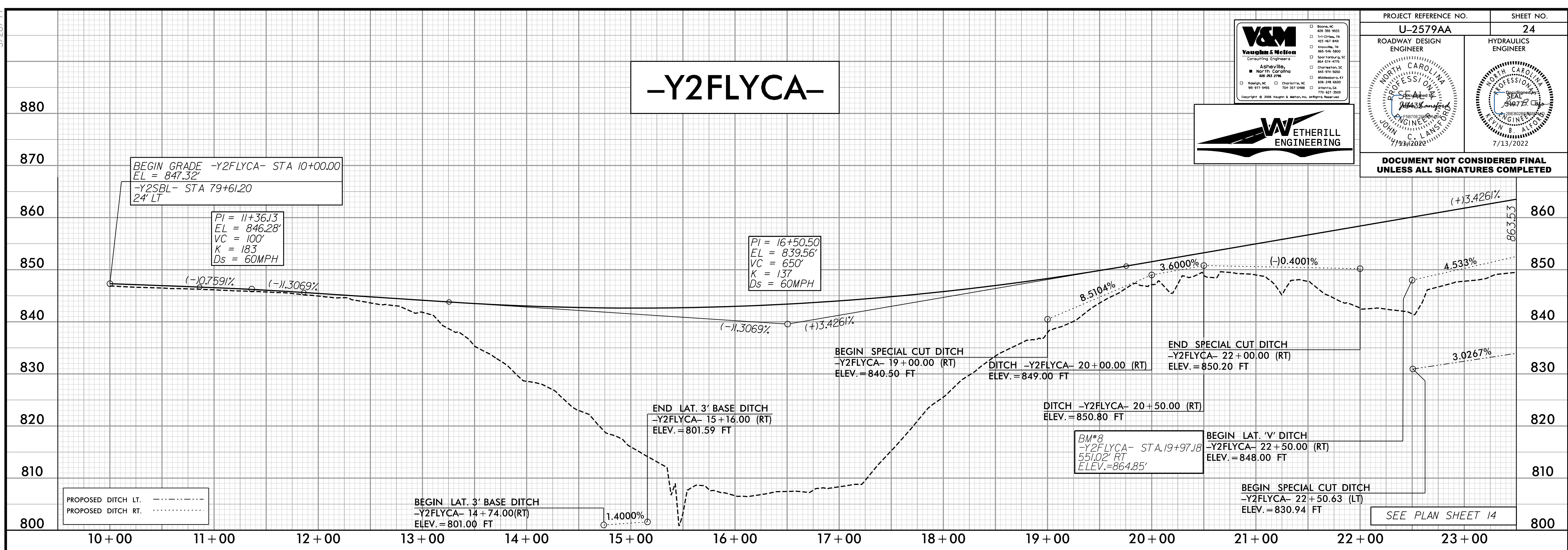
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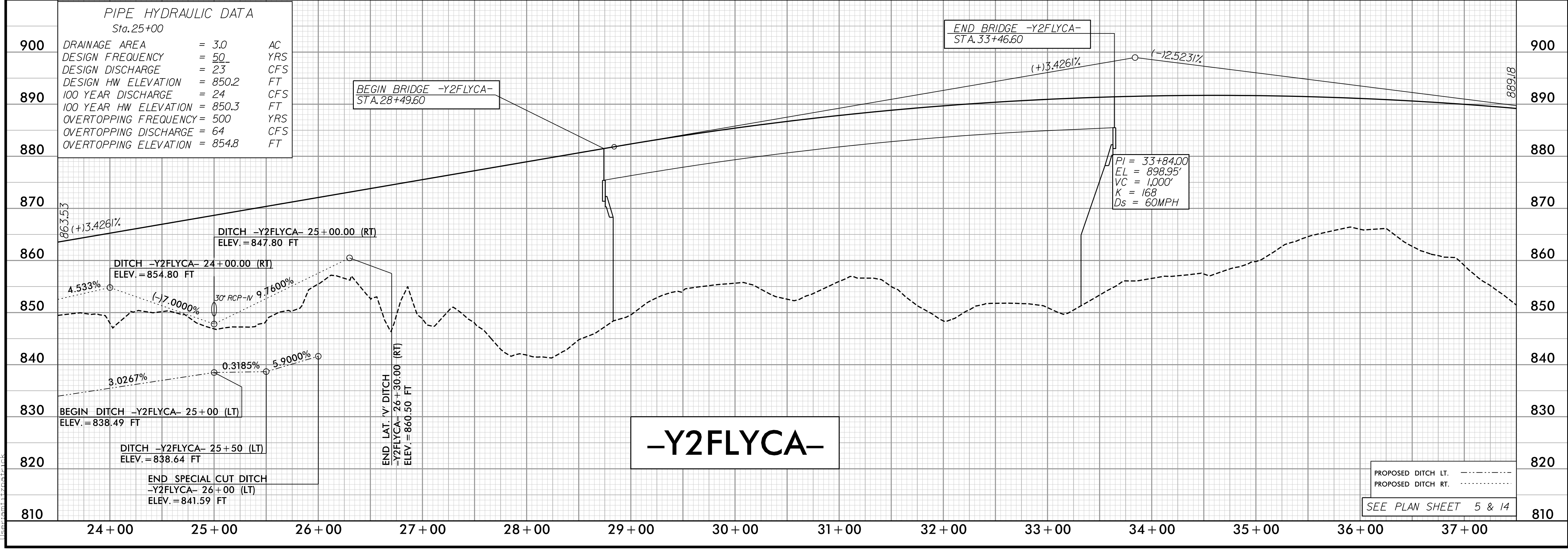
-Y2FLYCA-



PIPE HYDRAULIC DATA
Sta. 25+00

DRAINAGE AREA	= 3.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 23	CFS
DESIGN HW ELEVATION	= 850.2	FT
100 YEAR DISCHARGE	= 24	CFS
100 YEAR HW ELEVATION	= 850.3	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 64	CFS
OVERTOPPING ELEVATION	= 854.8	FT

-Y2FLYCA-



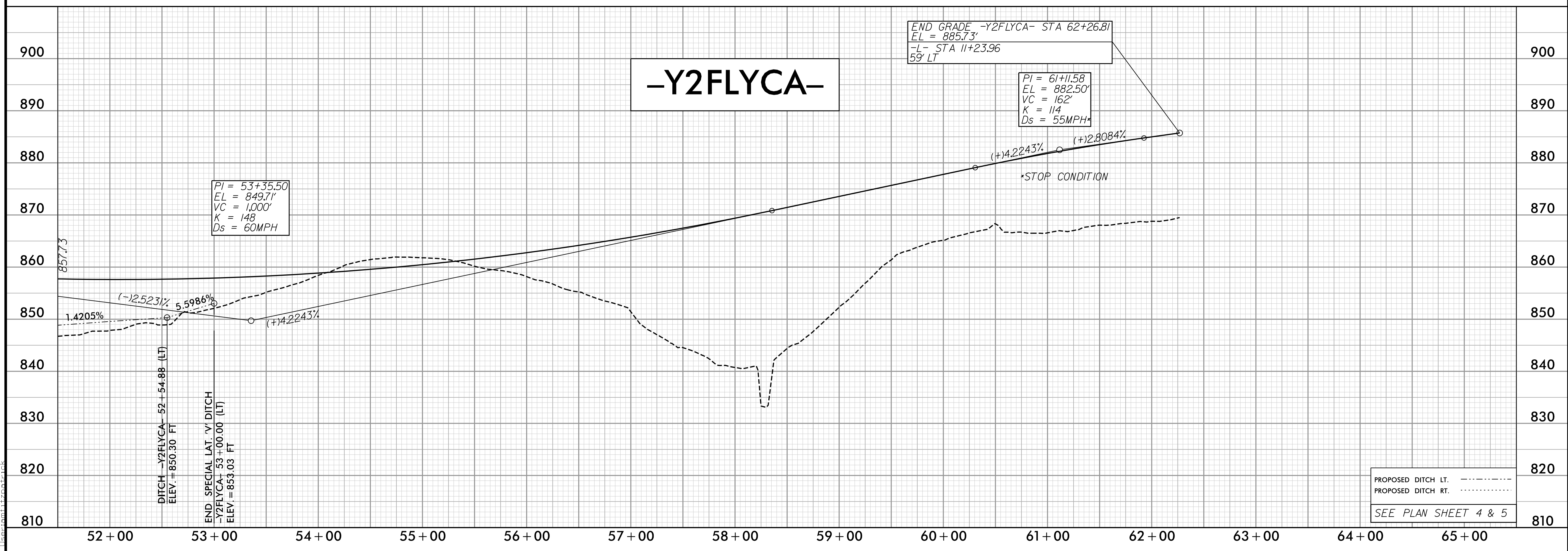
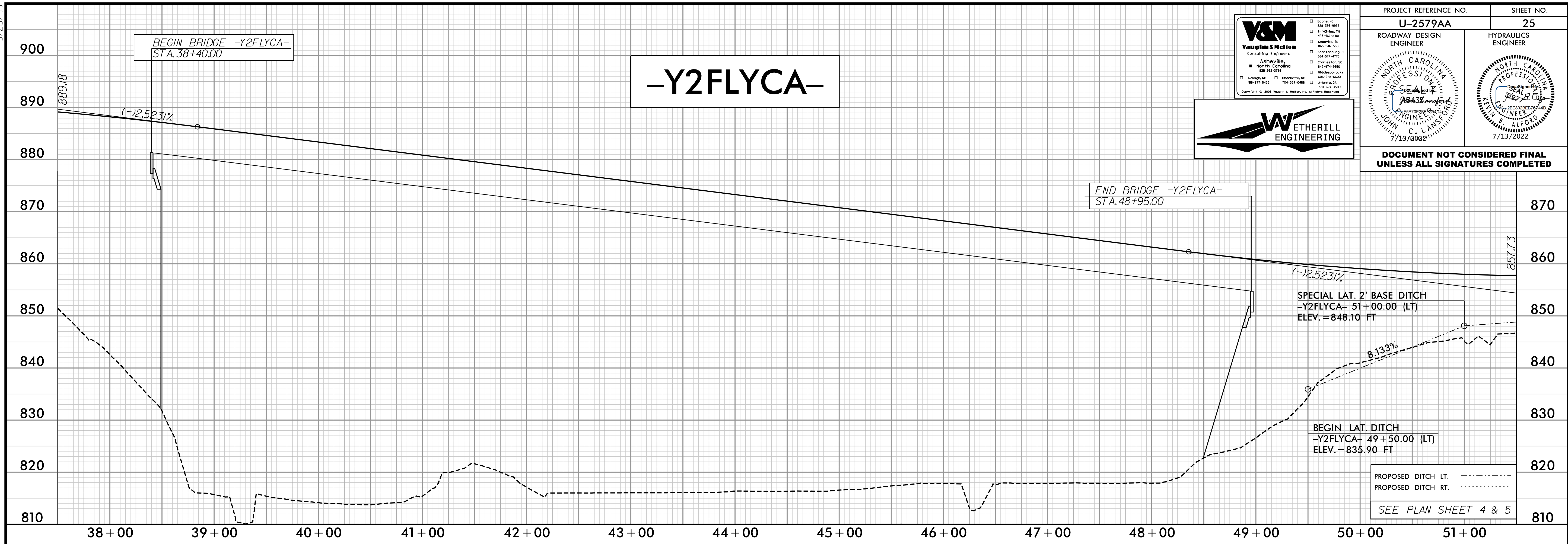
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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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5/28/19

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Asheville, NC
828-253-2786

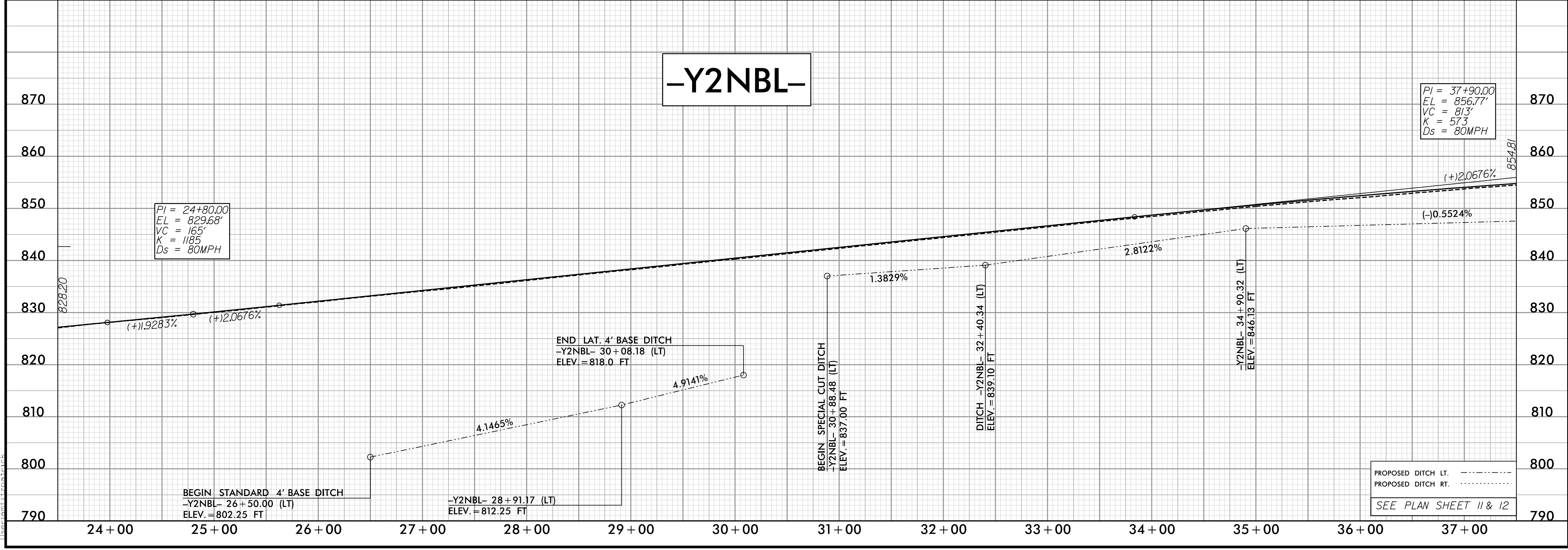
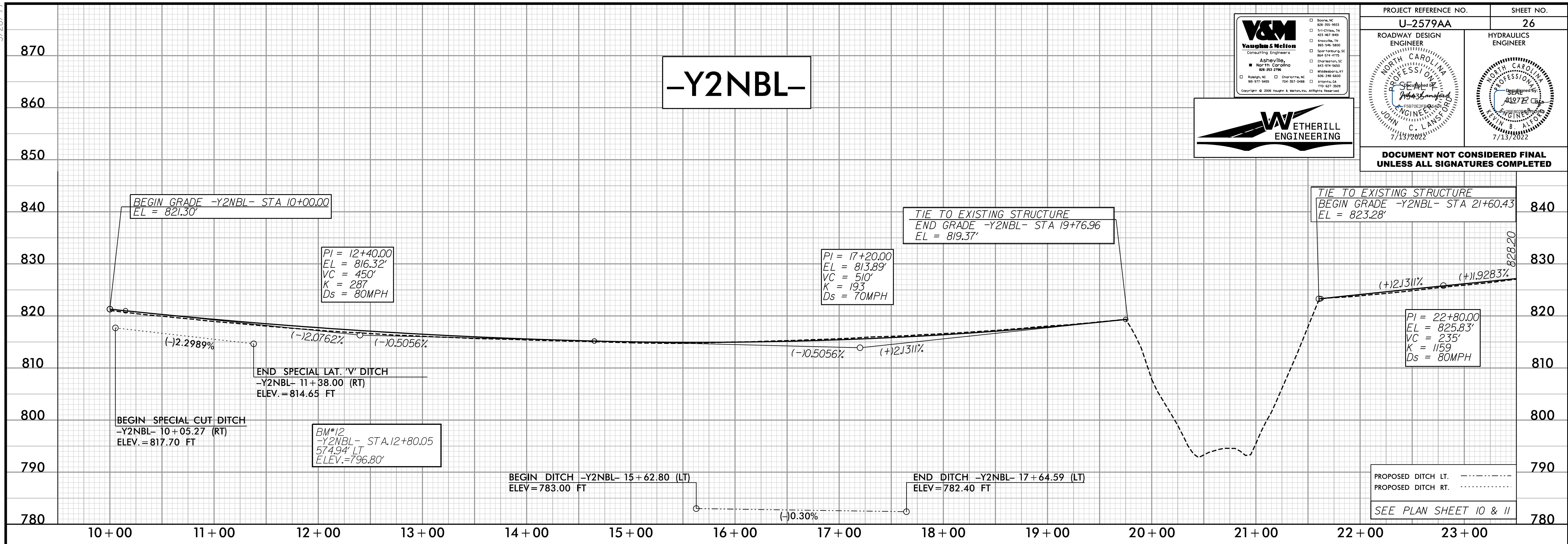
Charlotte, NC
704-357-0488

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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 26
ROADWAY DESIGN ENGINEER <i>[Signature]</i>	HYDRAULICS ENGINEER <i>[Signature]</i>

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5/28/22

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 Asheville, NC
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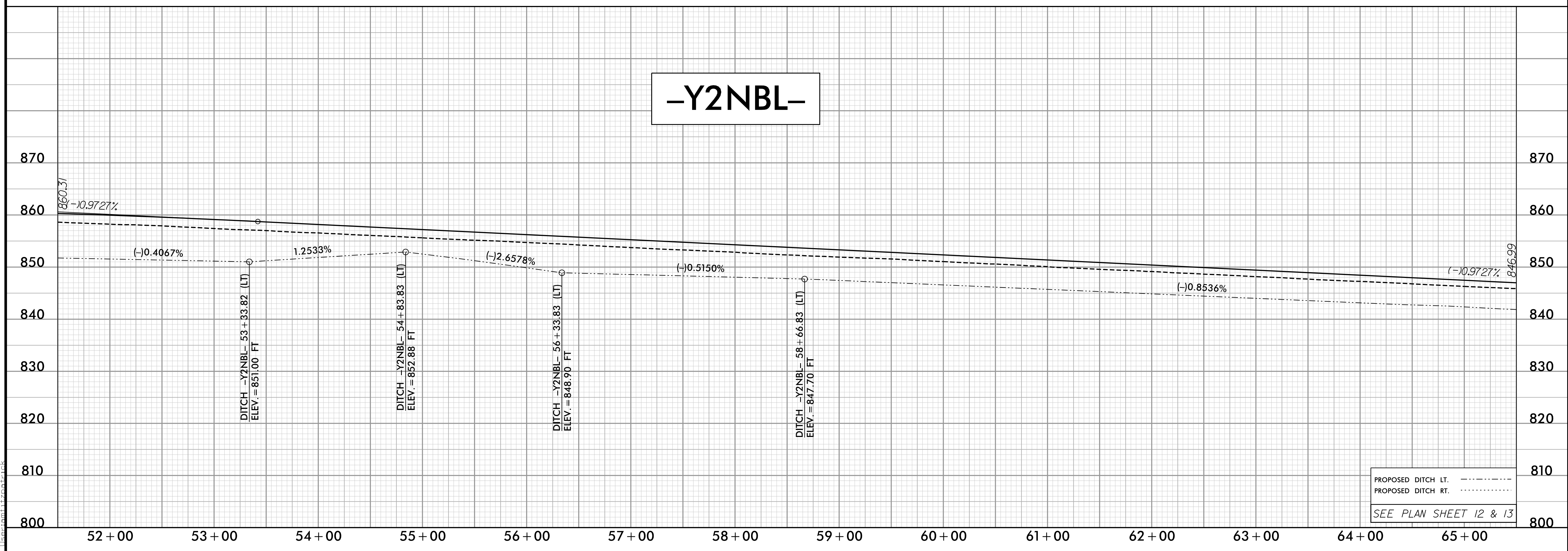
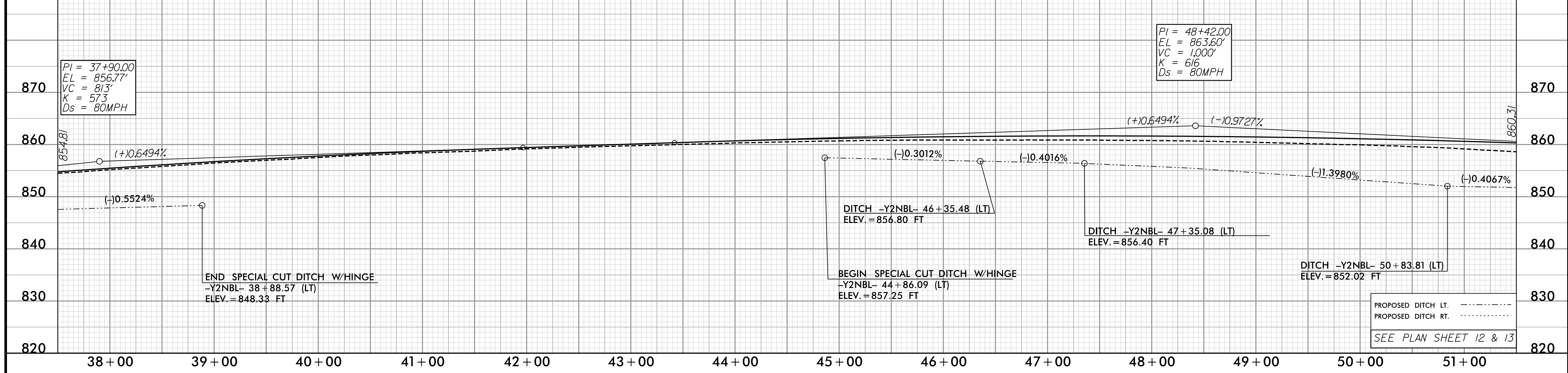
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 □ Greensboro, NC 336-286-8600
 □ Raleigh, NC 919-877-9955
 □ Winston-Salem, NC 336-251-0488
 □ Knoxville, TN 615-546-5900
 □ Spartanburg, SC 803-534-4775
 □ Charleston, SC 803-584-8600
 □ Jacksonville, FL 904-351-0488
 □ Atlanta, GA 770-433-2500

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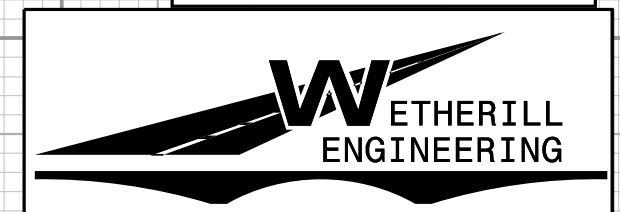
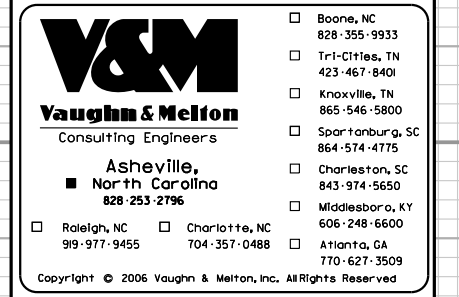
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ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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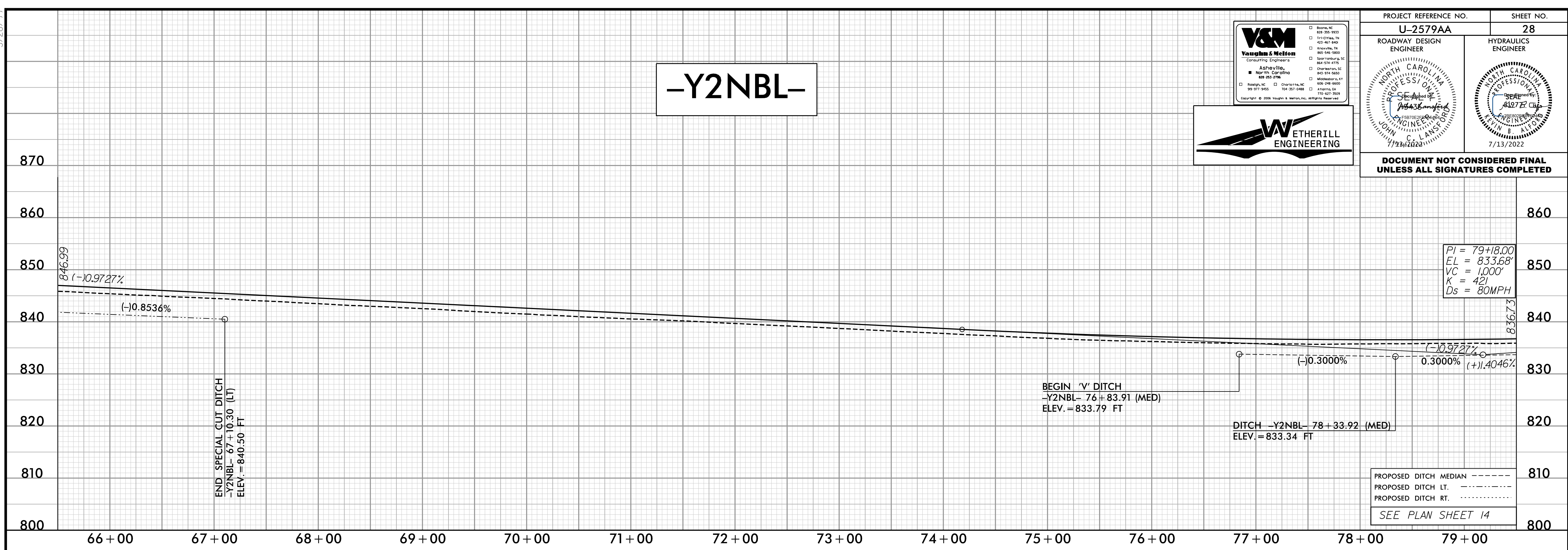


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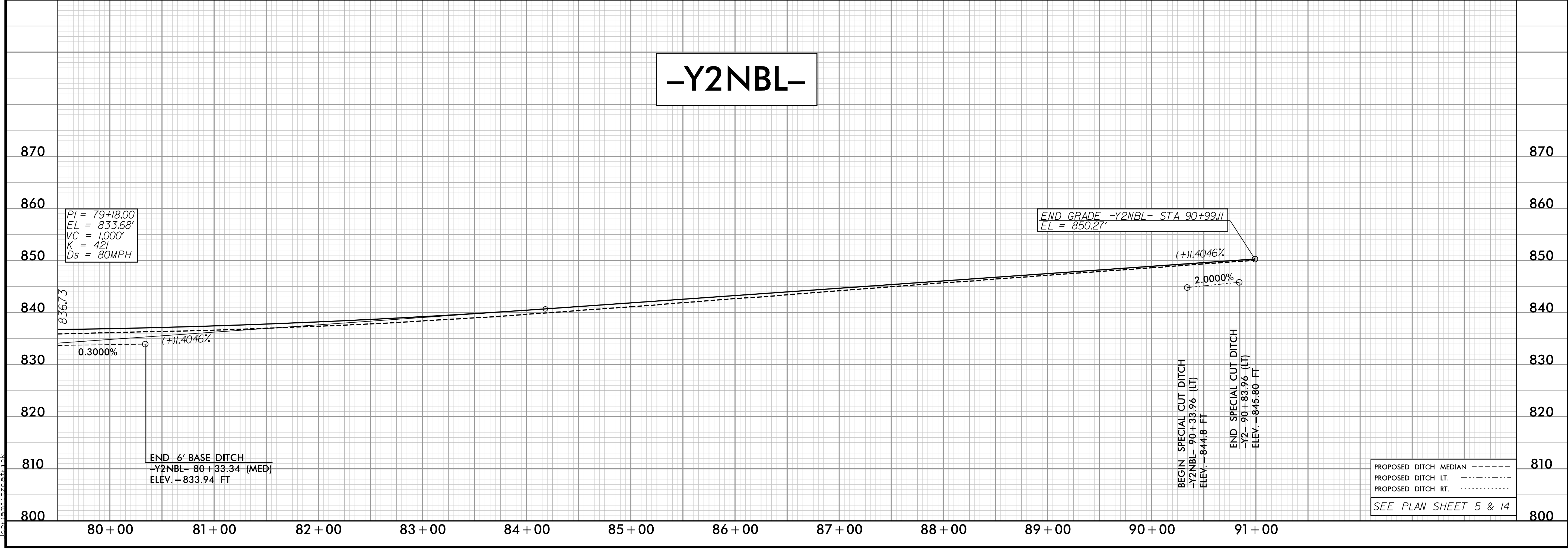
5/28/22



PROJECT REFERENCE NO. U-2579AA	SHEET NO. 28
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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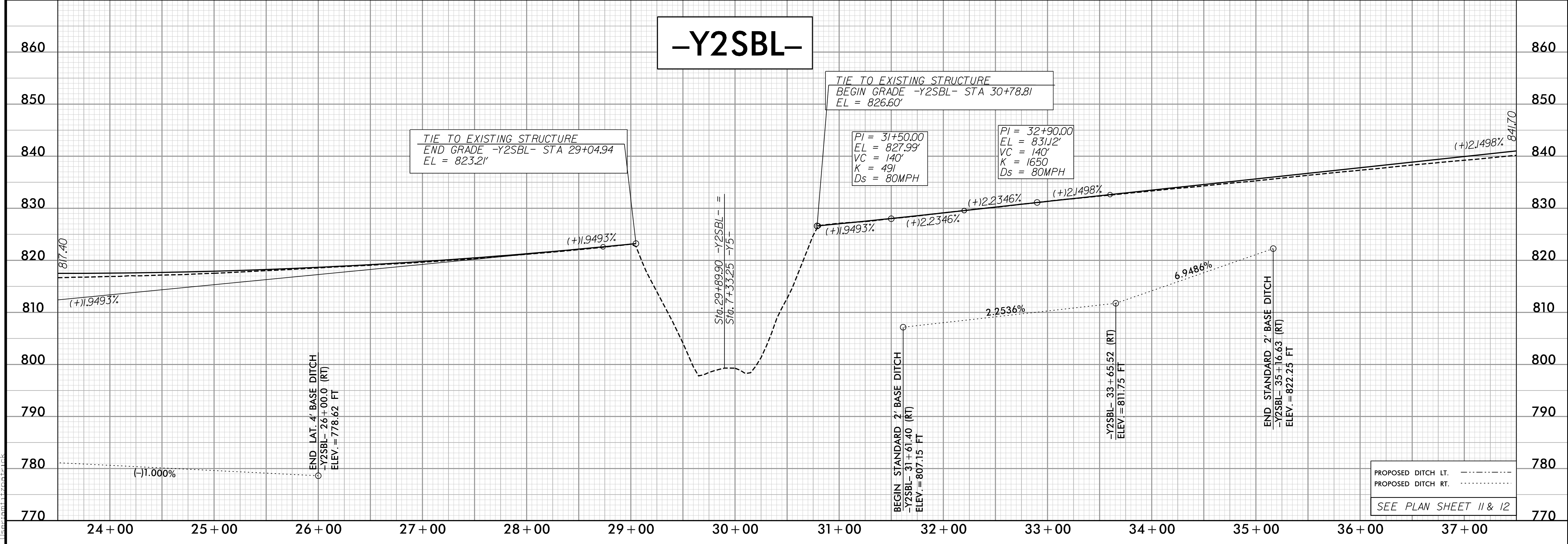
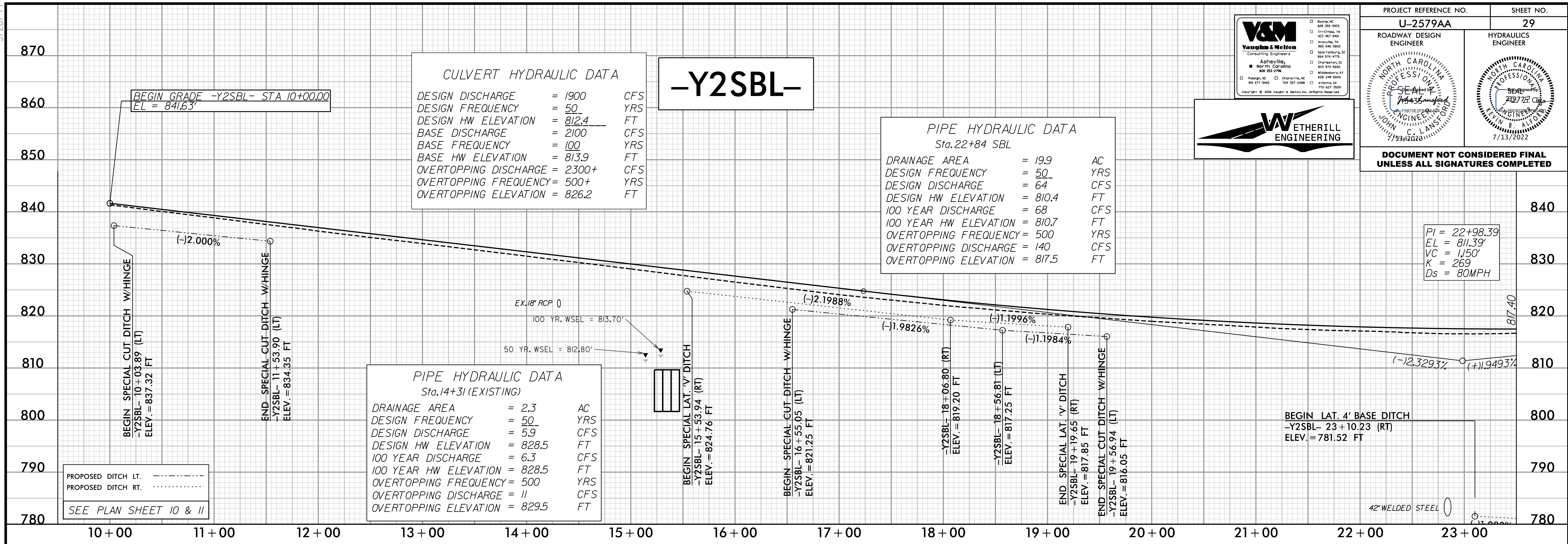
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5/28/2022

PROJECT REFERENCE NO. U-2579AA	SHEET NO. 29
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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Asheville, NC
919-971-9455

Charlotte, NC
704-357-0488

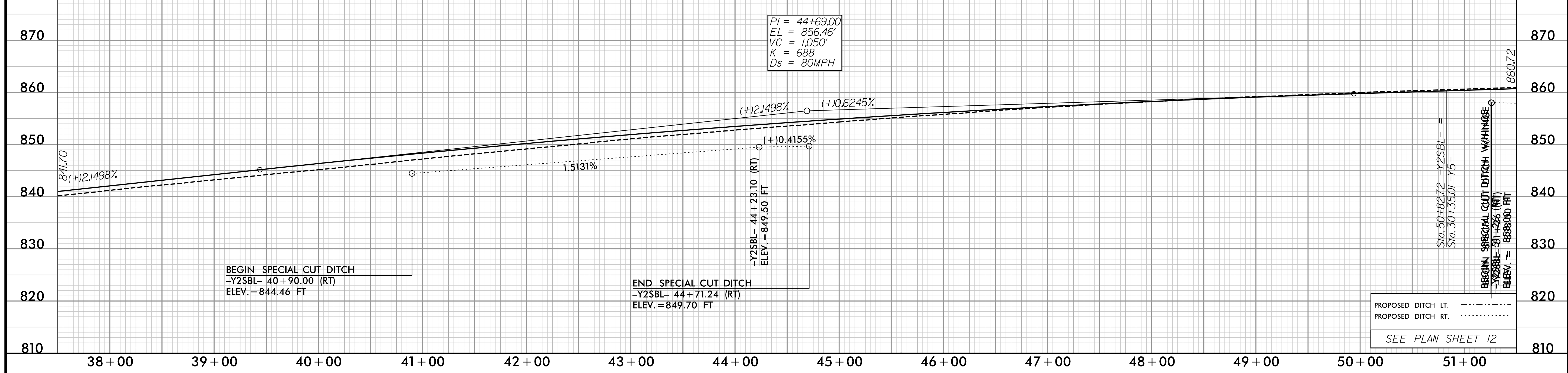
Wilmington, NC
910-437-3300

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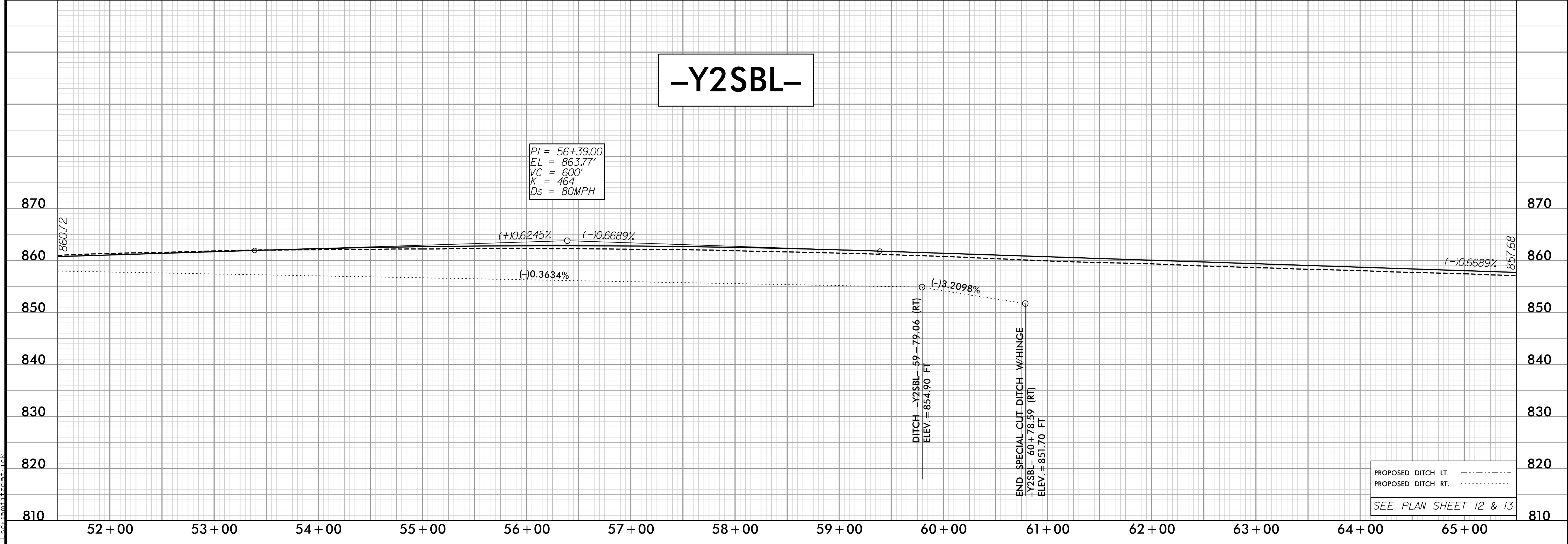
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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 30
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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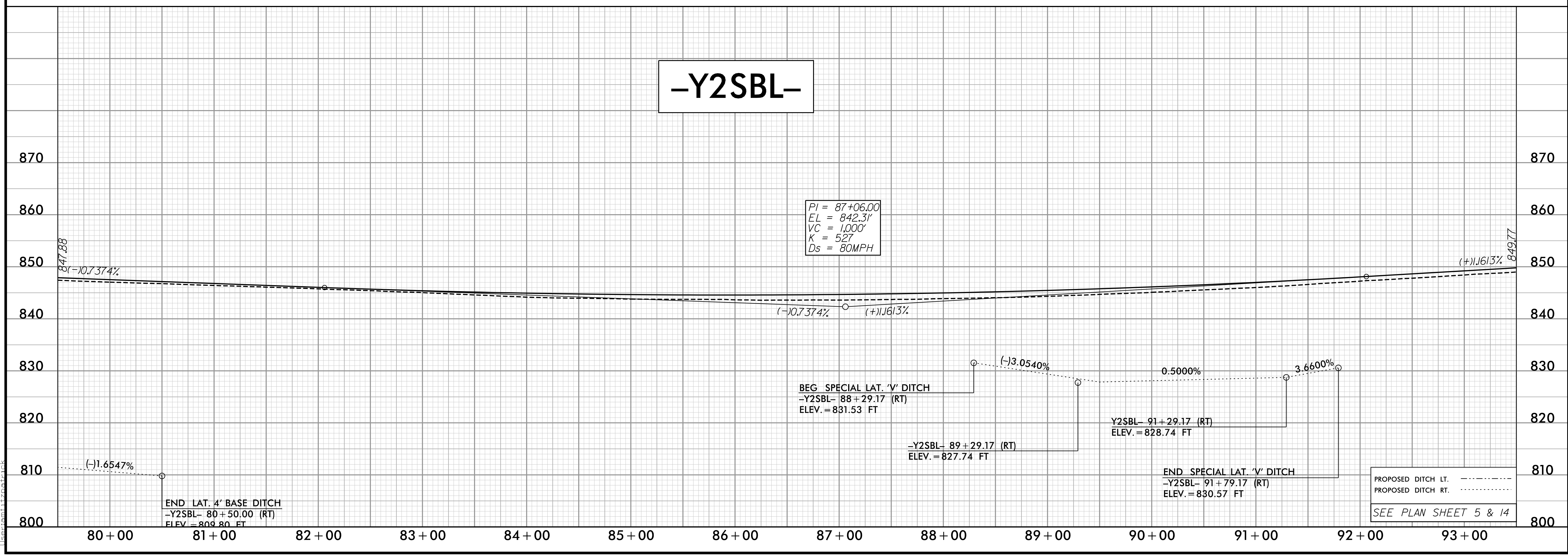
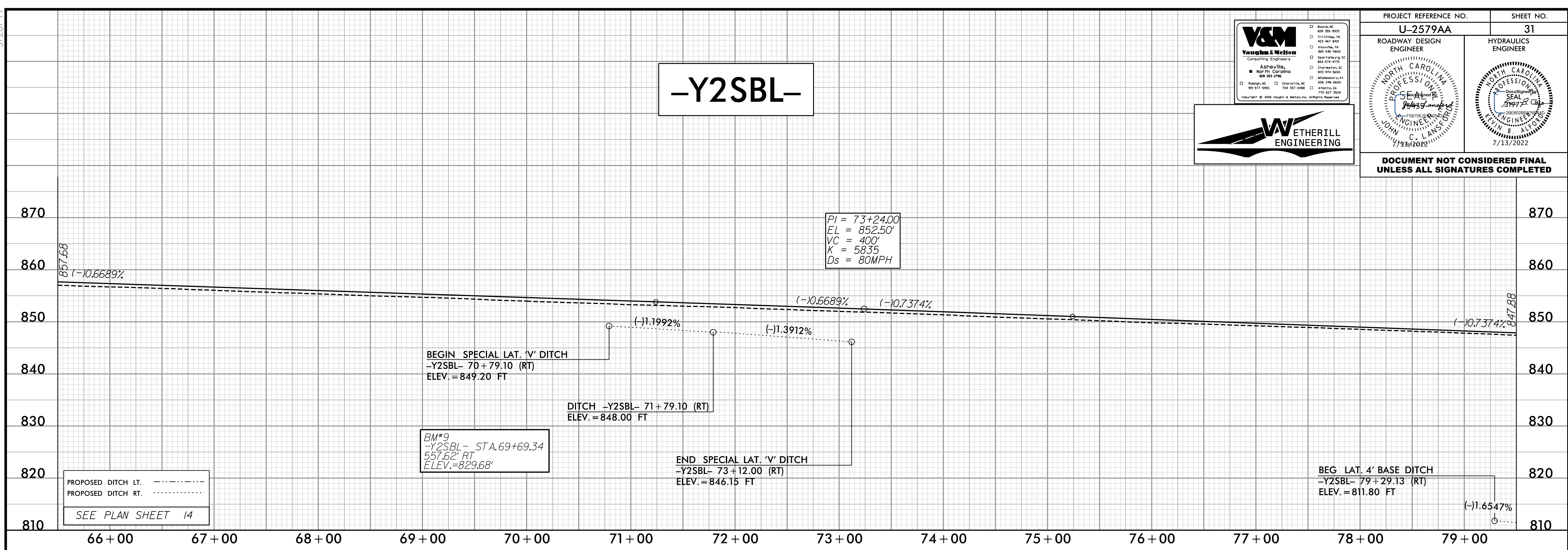
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828-253-2796

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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 31
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
DATE: 7/13/2022	DATE: 7/13/2022

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 Asheville, North Carolina
 828-253-2766

□ Boone, NC 828-258-1955
 □ Charlotte, NC 478-467-8400
 □ Greenville, SC 864-548-3800
 □ Spartanburg, SC 864-534-4775
 □ Henderson, NC 864-578-9500
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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 32
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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7/13/2022	7/13/2022

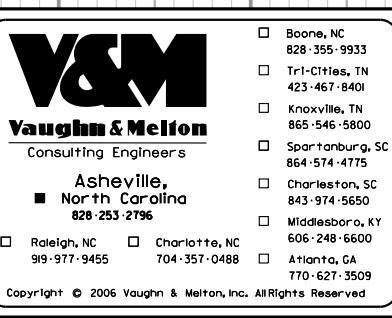
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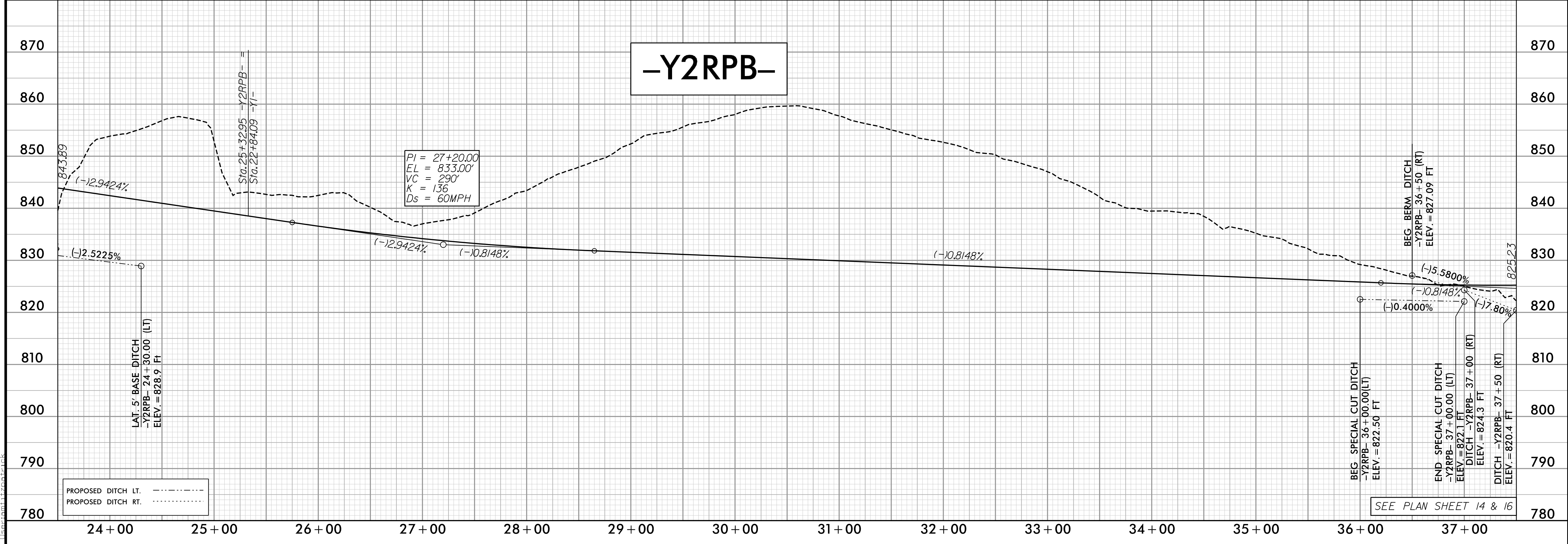
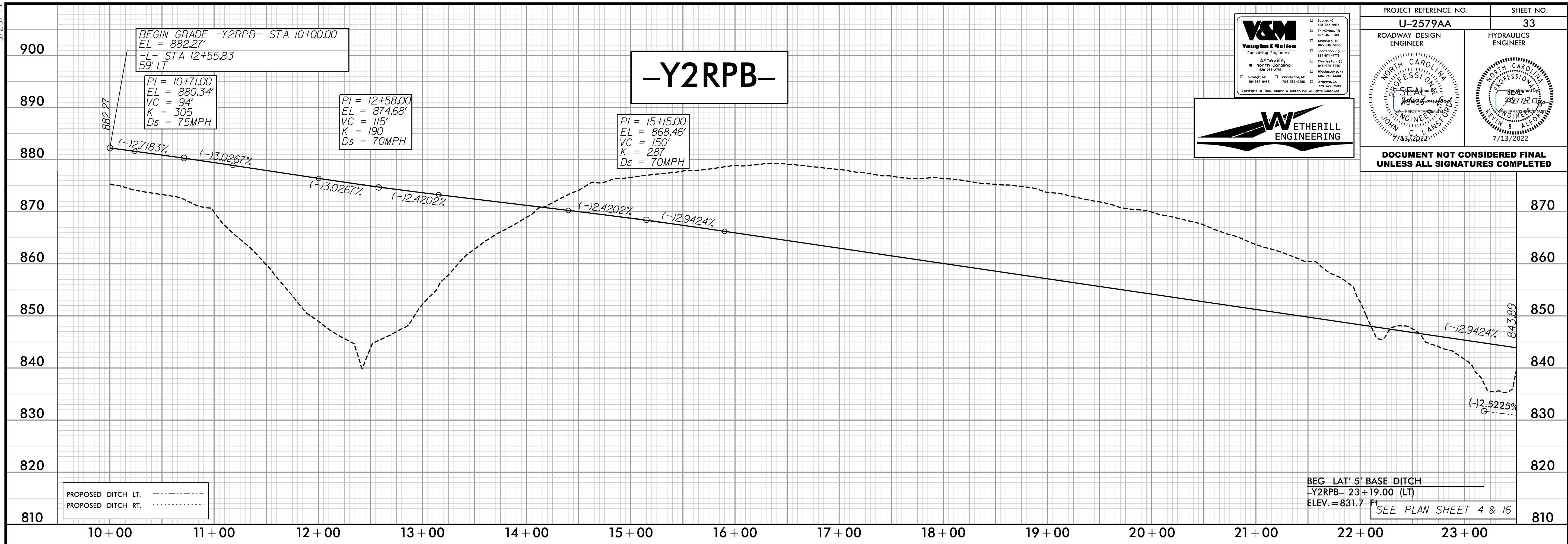
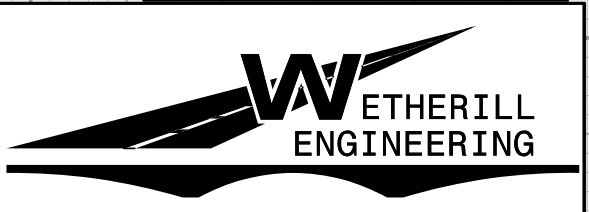


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5/28/2022

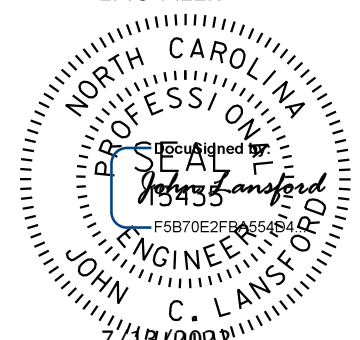
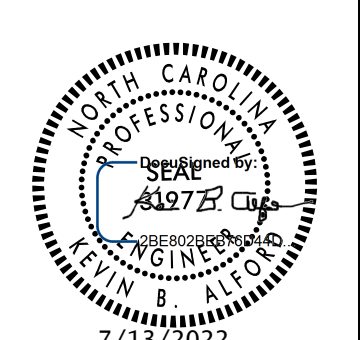


PROJECT REFERENCE NO. U-2579AA	SHEET NO. 33
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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5/28/22

PROJECT REFERENCE NO. U-2579AA	SHEET NO. 34
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
	
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PIPE HYDRAULIC DATA
Sta. 40+62

DRAINAGE AREA	= 78.8	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 130	CFS
DESIGN HW ELEVATION	= 815.0	FT
100 YEAR DISCHARGE	= 160	CFS
100 YEAR HW ELEVATION	= 815.5	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 280	CFS
OVERTOPPING ELEVATION	= 826.2	FT

-Y2RPB-

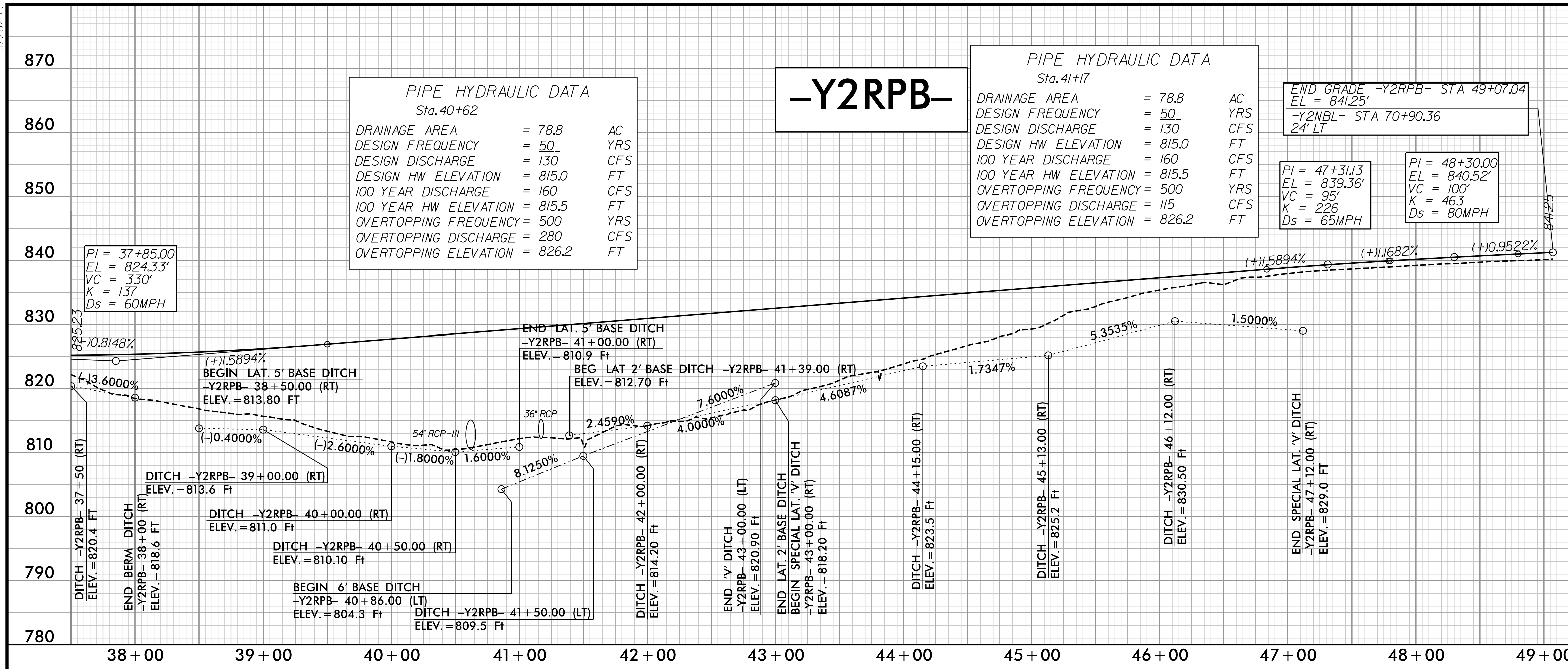
PIPE HYDRAULIC DATA
Sta. 41+17

DRAINAGE AREA	= 78.8	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 130	CFS
DESIGN HW ELEVATION	= 815.0	FT
100 YEAR DISCHARGE	= 160	CFS
100 YEAR HW ELEVATION	= 815.5	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 115	CFS
OVERTOPPING ELEVATION	= 826.2	FT

END GRADE -Y2RPB- STA 49+07.04
EL = 841.25'
-Y2NBL- STA 70+90.36
24' LT

PI = 47+31.13
EL = 839.36'
VC = 95'
K = 226
Ds = 65MPH

PI = 48+30.00
EL = 840.52'
VC = 100'
K = 463
Ds = 80MPH



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PROPOSED DITCH LT. - - - - -
PROPOSED DITCH RT. - - - - -
SEE PLAN SHEET 14

5/28/2022

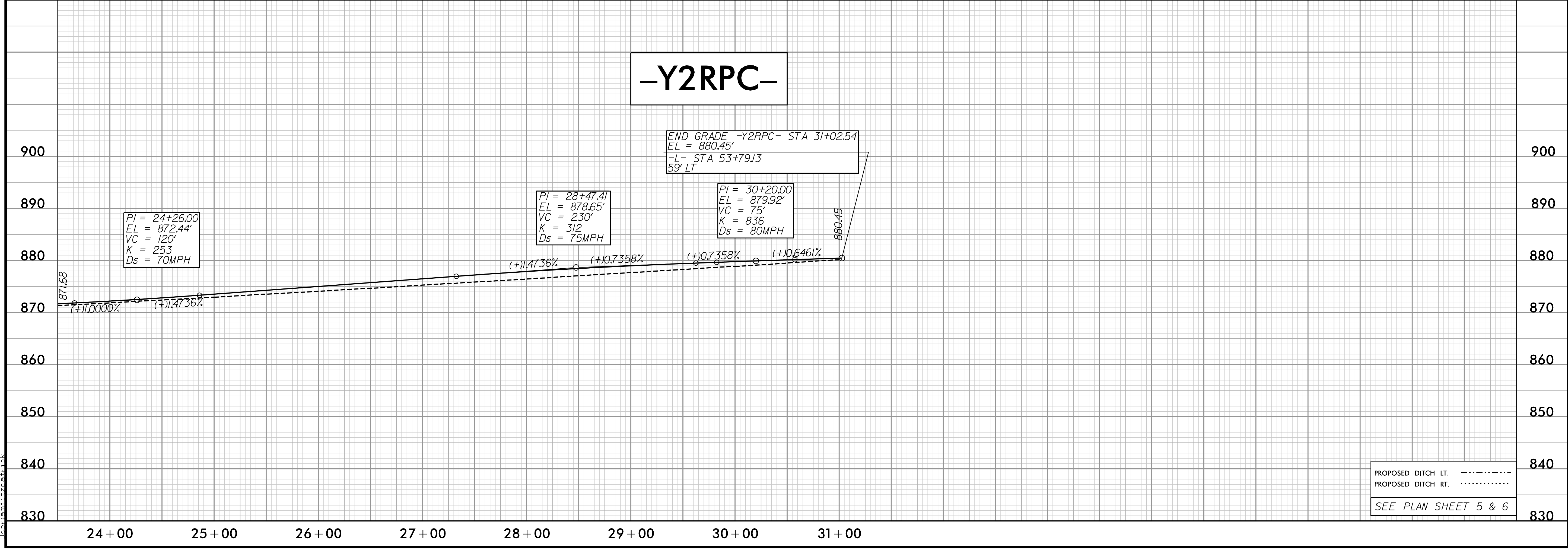
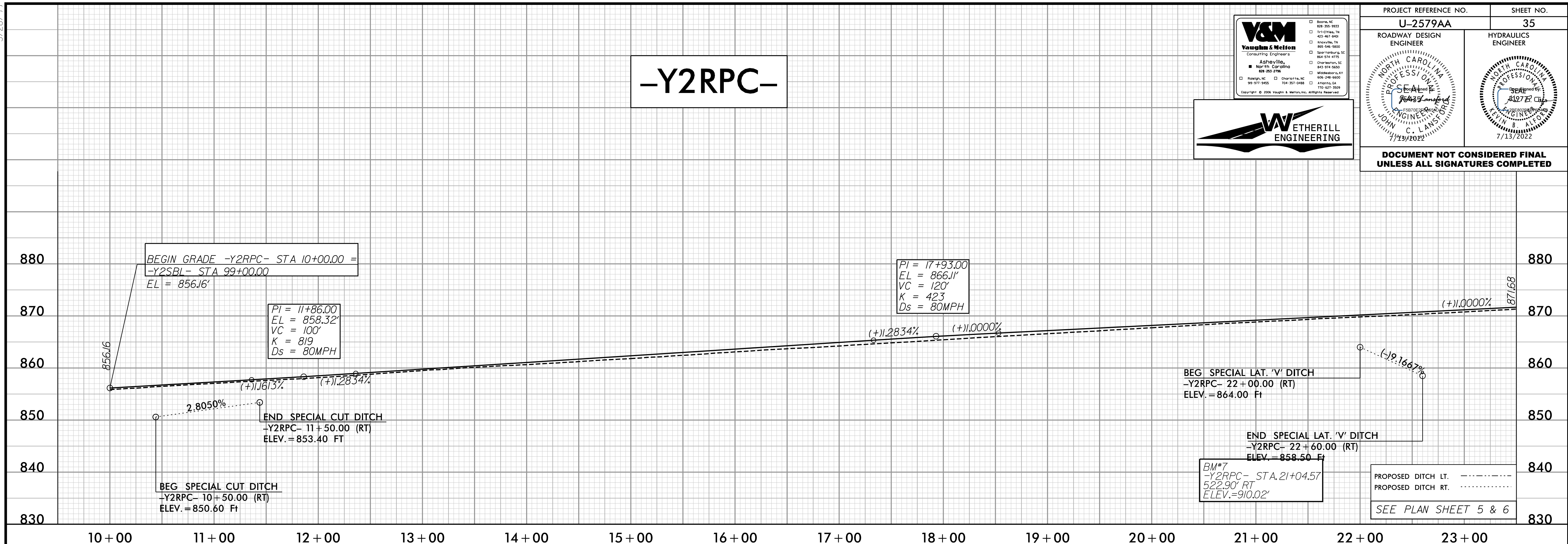
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 North Carolina
 828-253-2796

□ Greensboro, NC 336-335-9833
 □ Raleigh, NC 919-877-8400
 □ Charlotte, NC 704-546-5800
 □ Spartanburg, SC 803-574-4775
 □ Greenville, SC 864-746-5000
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 □ Knoxville, TN 615-421-2000
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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 35
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>John C. Lanier</i> Professional Engineer No. 31272 7/13/2022	<i>John C. Lanier</i> Professional Engineer No. 31272 7/13/2022

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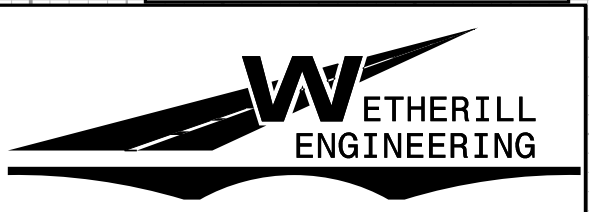


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 PROPOSED DITCH RT. - - - - -
 SEE PLAN SHEET 5 & 6

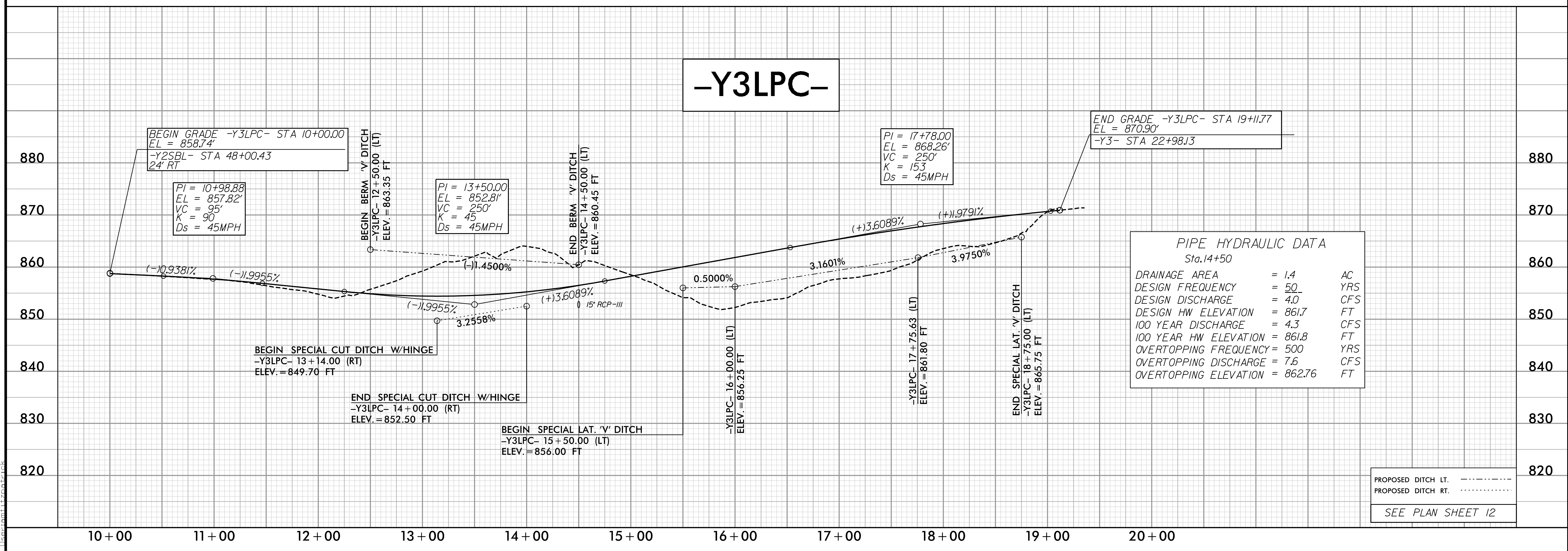
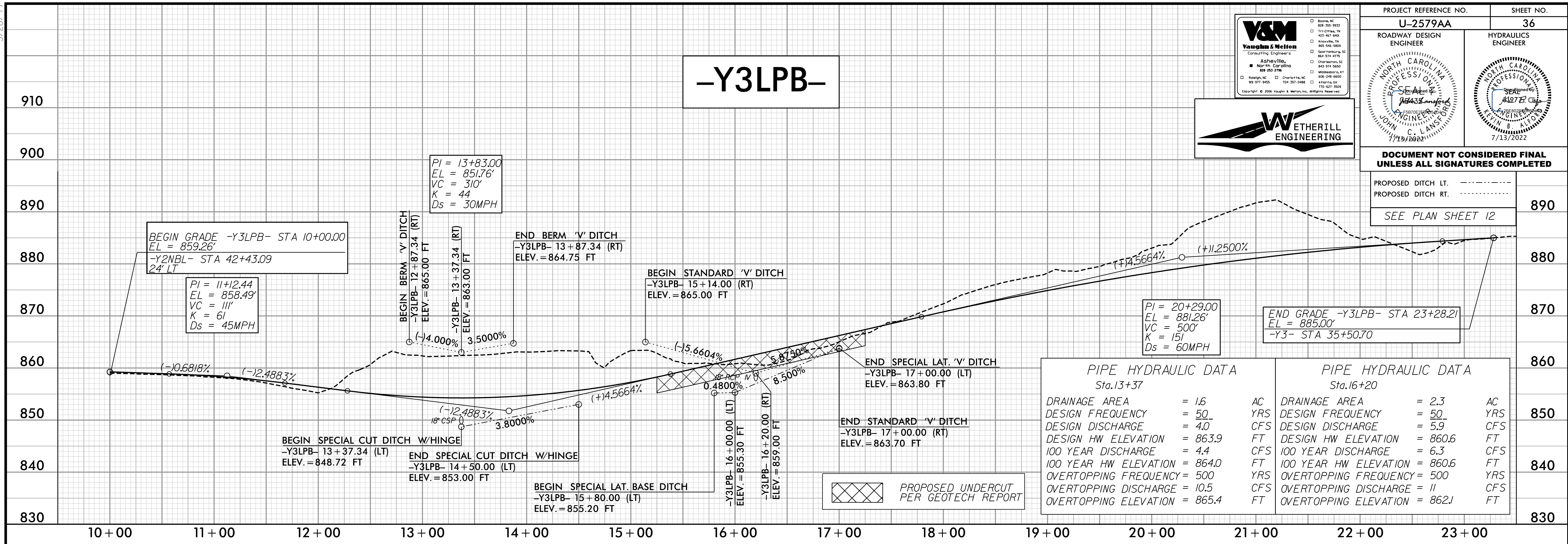
5/28/2022

PROJECT REFERENCE NO. U-2579AA	SHEET NO. 36
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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PROPOSED DITCH LT. -----
 PROPOSED DITCH RT. -----
 SEE PLAN SHEET 12



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5/28/2022

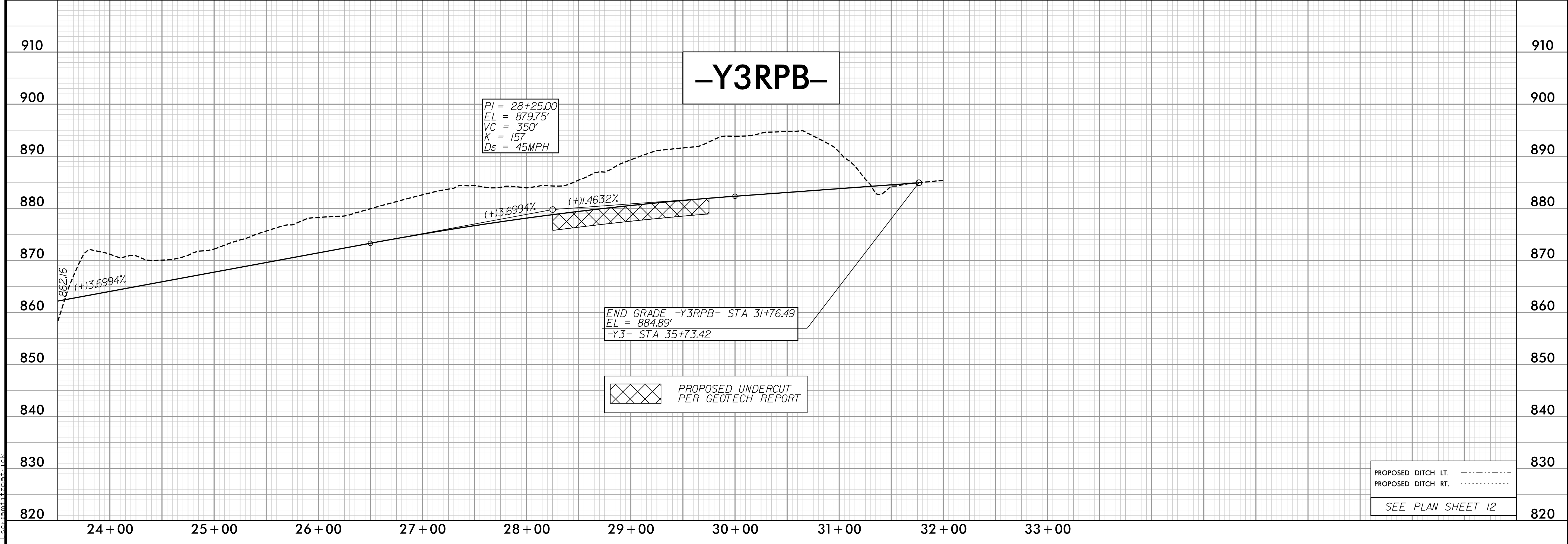
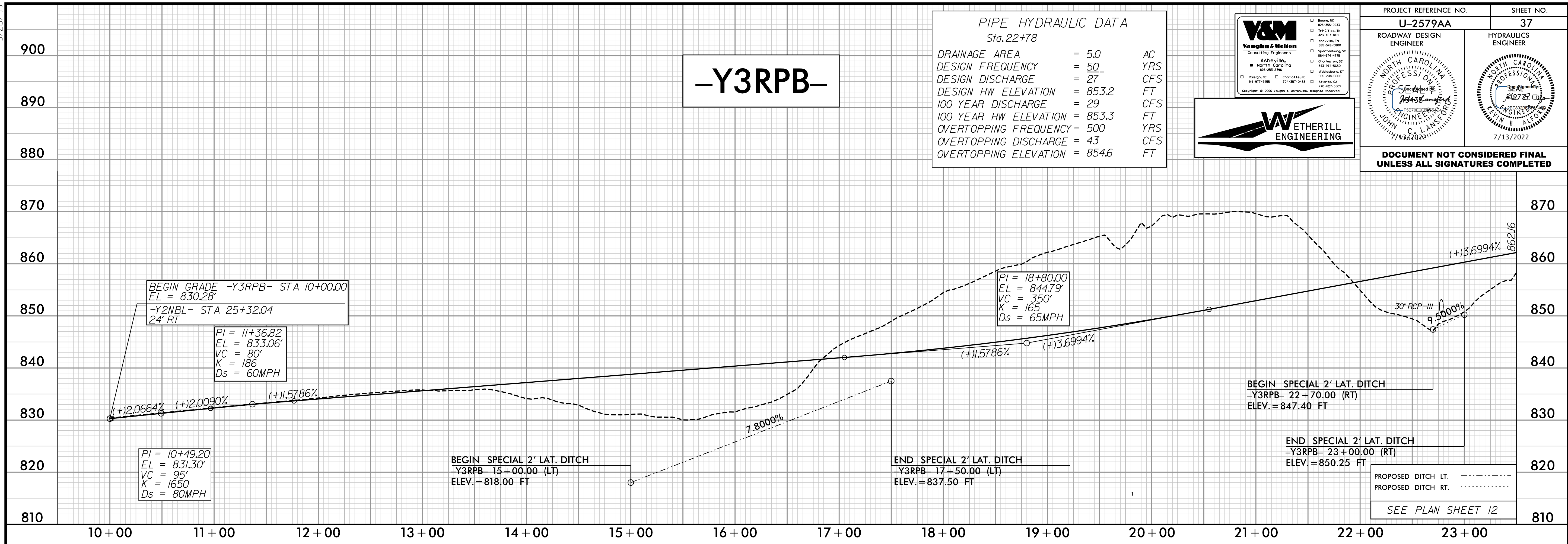
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ROADWAY DESIGN ENGINEER <i>[Signature]</i>	HYDRAULICS ENGINEER <i>[Signature]</i>
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PIPE HYDRAULIC DATA
Sta. 22+78

DRAINAGE AREA	= 5.0	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 27	CFS
DESIGN HW ELEVATION	= 853.2	FT
100 YEAR DISCHARGE	= 29	CFS
100 YEAR HW ELEVATION	= 853.3	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 43	CFS
OVERTOPPING ELEVATION	= 854.6	FT



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5/28/2022

PROJECT REFERENCE NO. U-2579AA		SHEET NO. 38	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
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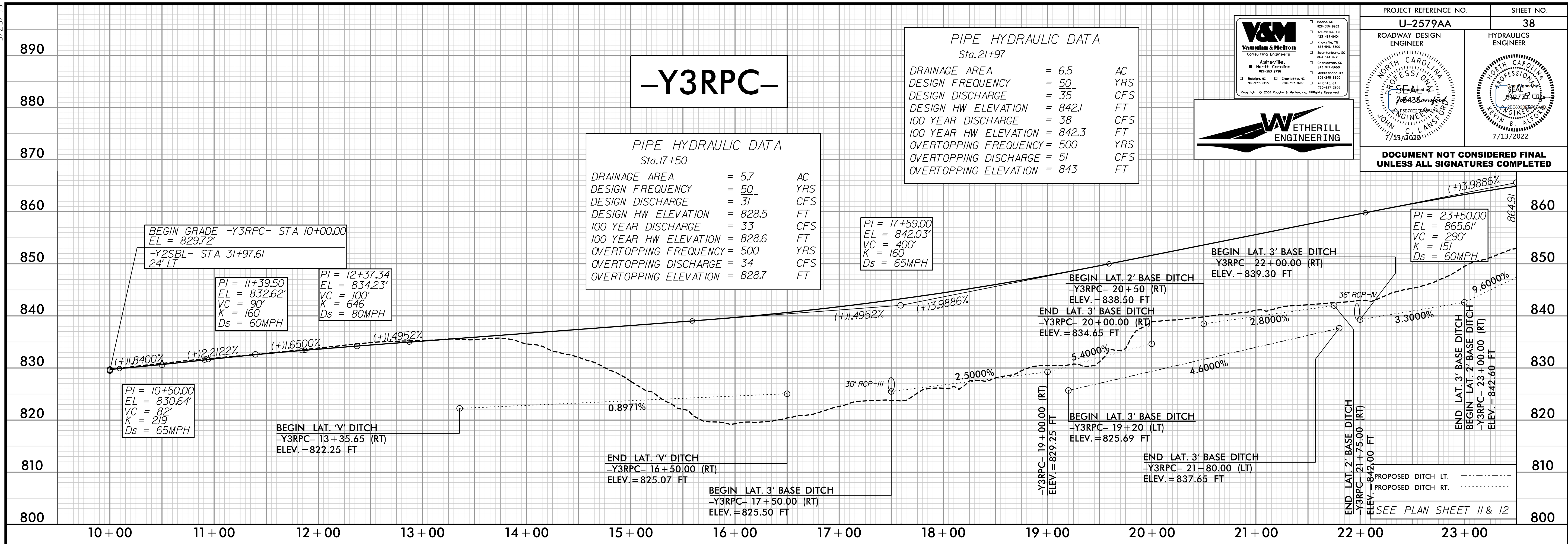
PIPE HYDRAULIC DATA
Sta. 21+97

DRAINAGE AREA	= 6.5	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 35	CFS
DESIGN HW ELEVATION	= 842.1	FT
100 YEAR DISCHARGE	= 38	CFS
100 YEAR HW ELEVATION	= 842.3	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 51	CFS
OVERTOPPING ELEVATION	= 843	FT

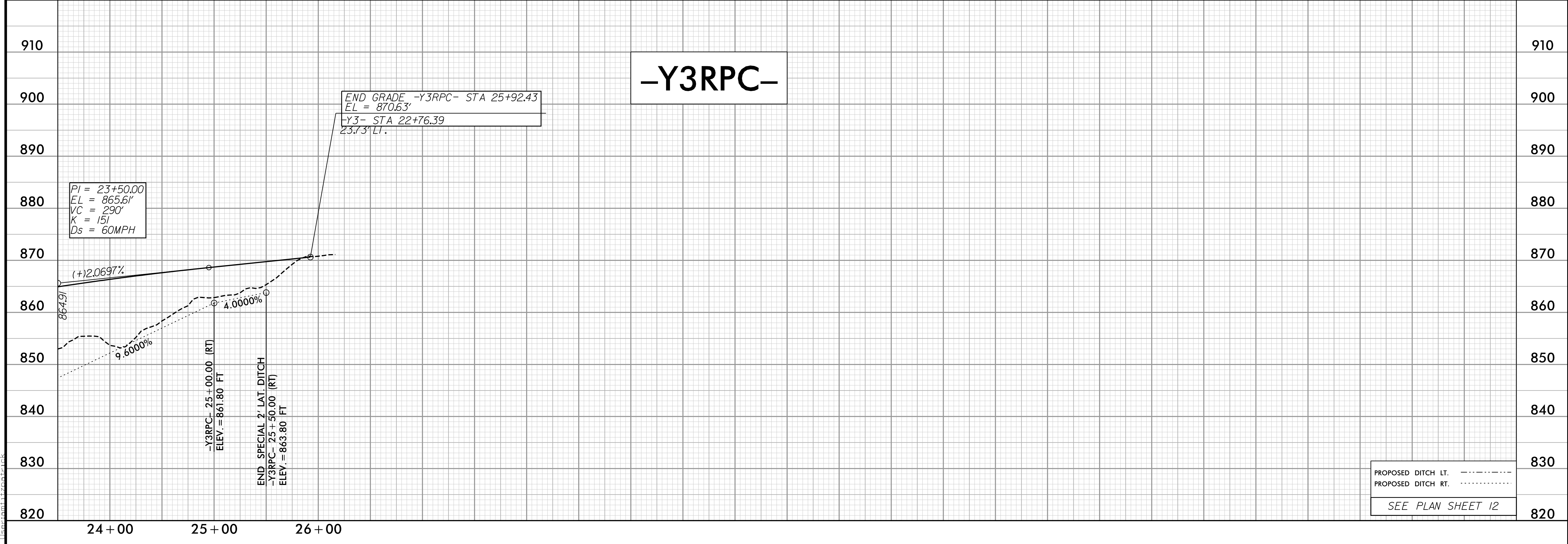
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PIPE HYDRAULIC DATA
Sta. 17+50

DRAINAGE AREA	= 5.7	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 31	CFS
DESIGN HW ELEVATION	= 828.5	FT
100 YEAR DISCHARGE	= 33	CFS
100 YEAR HW ELEVATION	= 828.6	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 34	CFS
OVERTOPPING ELEVATION	= 828.7	FT



-Y3RPC-

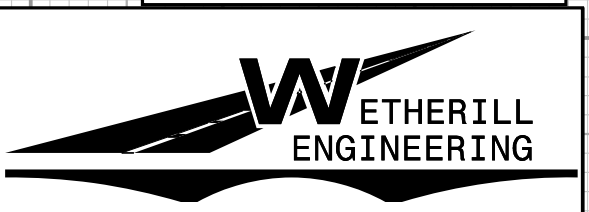


PROPOSED DITCH LT. - - - - -
 PROPOSED DITCH RT. - - - - -
 SEE PLAN SHEET 12

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PROJECT REFERENCE NO. U-2579AA	SHEET NO. 39
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



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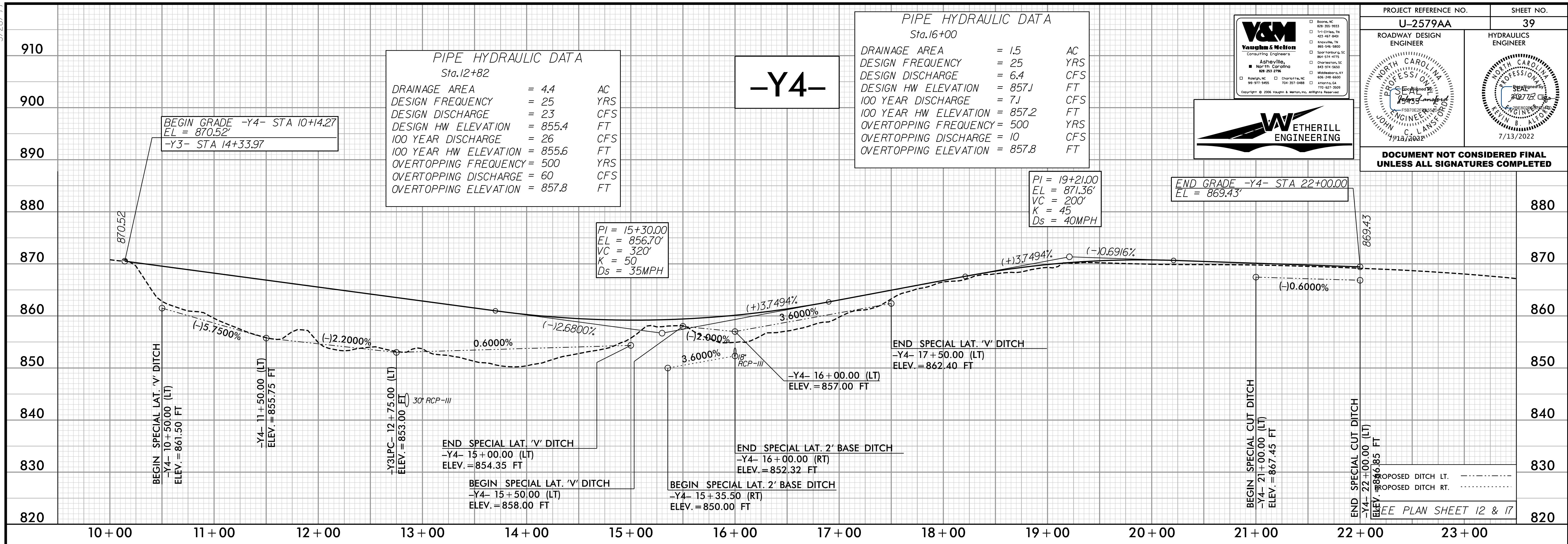
PIPE HYDRAULIC DATA
Sta. 16+00

DRAINAGE AREA	= 1.5	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 6.4	CFS
DESIGN HW ELEVATION	= 857.1	FT
100 YEAR DISCHARGE	= 7.1	CFS
100 YEAR HW ELEVATION	= 857.2	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 10	CFS
OVERTOPPING ELEVATION	= 857.8	FT

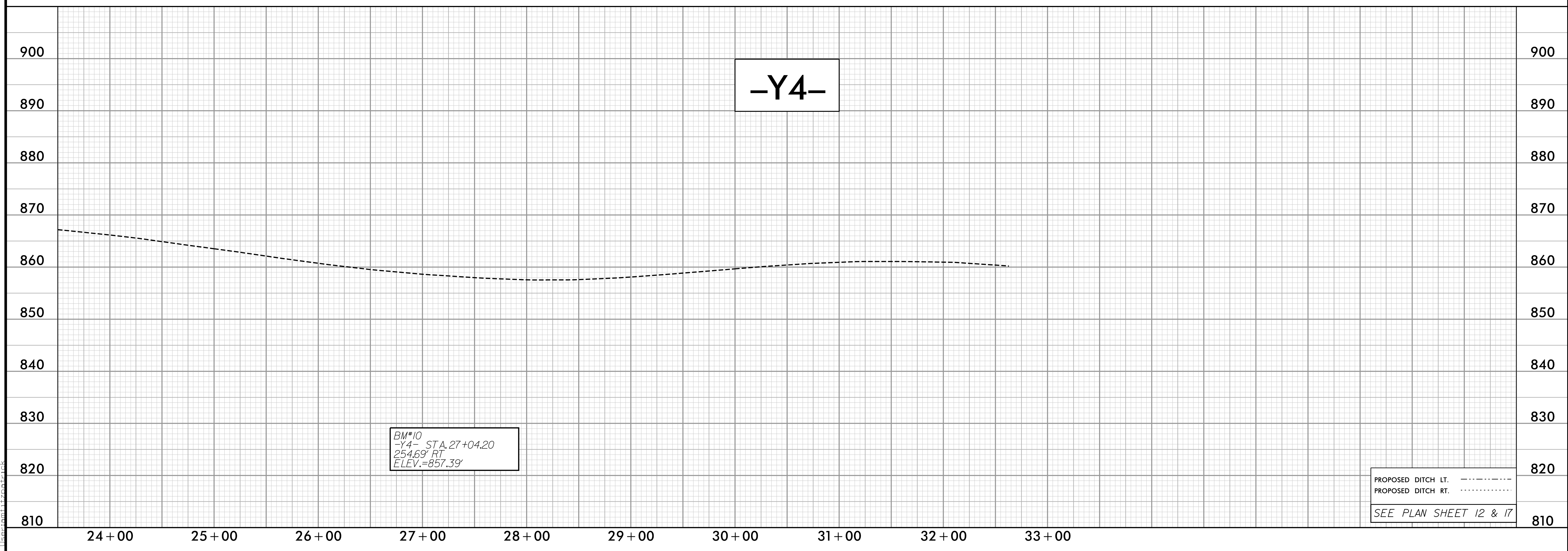
PIPE HYDRAULIC DATA
Sta. 12+82

DRAINAGE AREA	= 4.4	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 23	CFS
DESIGN HW ELEVATION	= 855.4	FT
100 YEAR DISCHARGE	= 26	CFS
100 YEAR HW ELEVATION	= 855.6	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 60	CFS
OVERTOPPING ELEVATION	= 857.8	FT

-Y4-



-Y4-



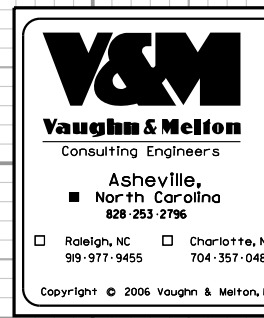
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PROPOSED DITCH RT.

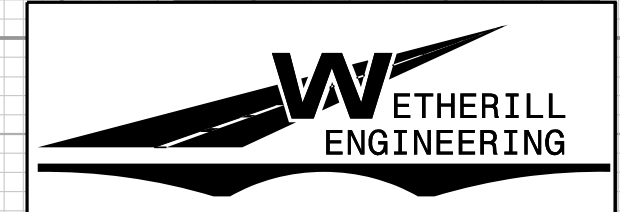
SEE PLAN SHEET 12 & 17

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5/28/22

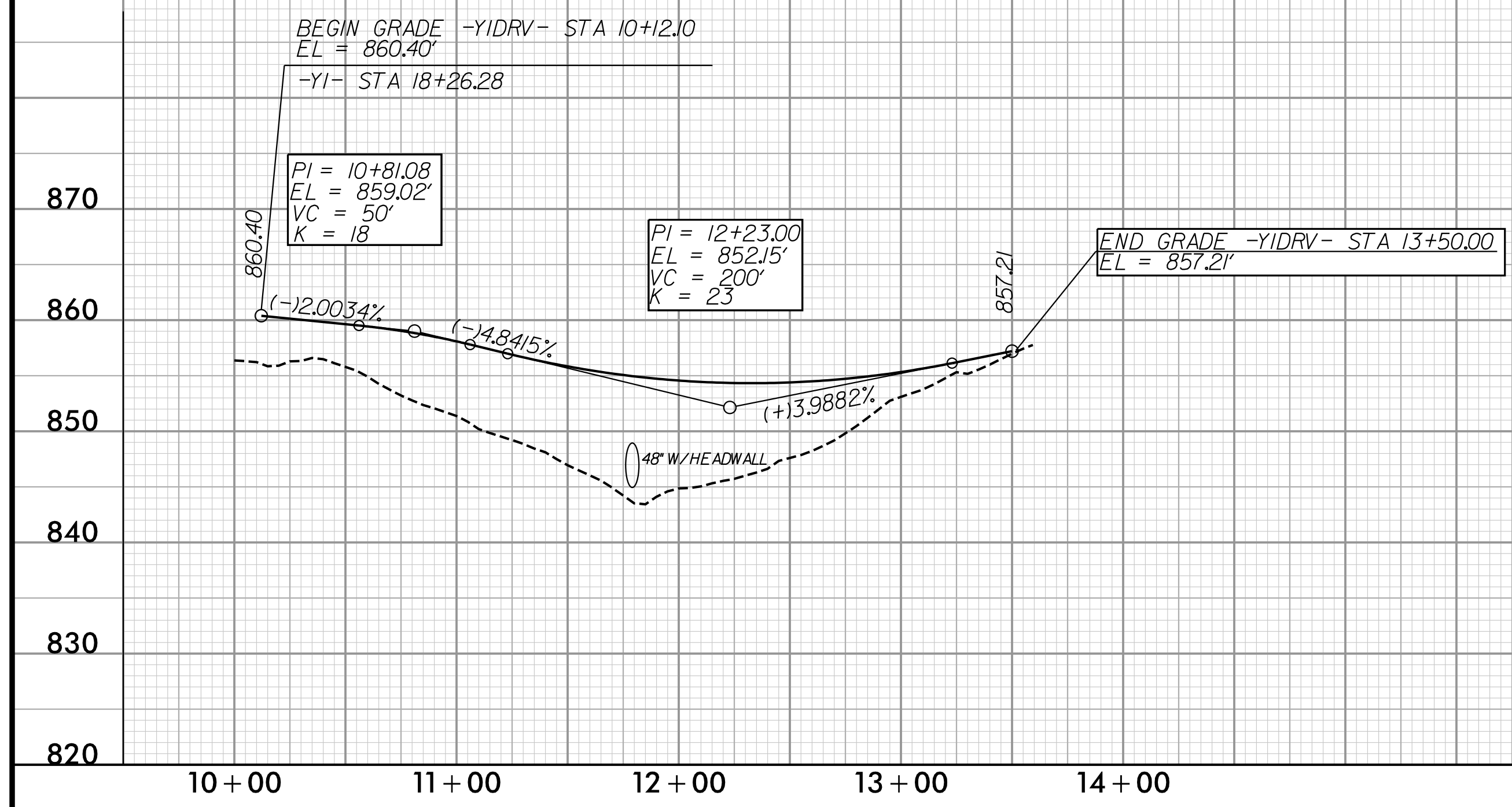


Charlotte, NC
Durham, NC
Fayetteville, NC
Greenville, SC
Kinston, NC
Lenoir, NC
Raleigh, NC
Wilmington, NC



PROJECT REFERENCE NO. U-2579AA	SHEET NO. 40
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
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-Y1DRV-



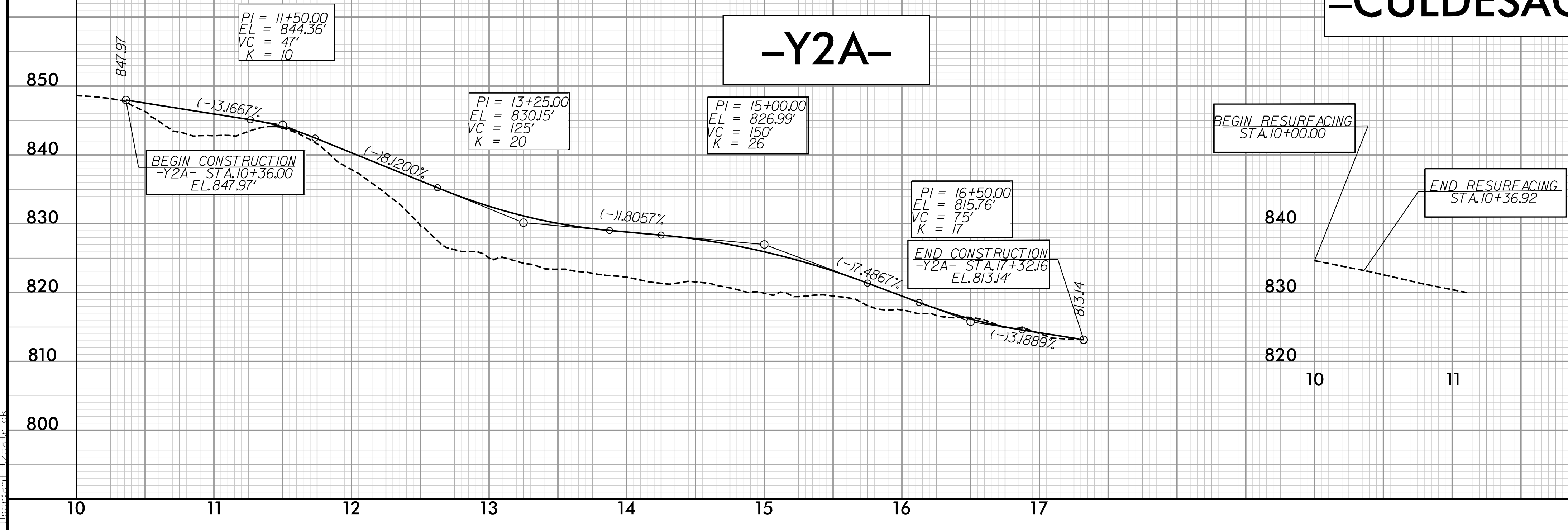
PIPE HYDRAULIC DATA
Sta. 11+79

DRAINAGE AREA	= 34.4	AC
DESIGN FREQUENCY	= 10	YRS
DESIGN DISCHARGE	= 81	CFS
DESIGN HW ELEVATION	= 849.1	FT
100 YEAR DISCHARGE	= 96	CFS
100 YEAR HW ELEVATION	= 849.8	FT
OVERTOPPING FREQUENCY	= 500	YRS
OVERTOPPING DISCHARGE	= 167	CFS
OVERTOPPING ELEVATION	= 854.3	FT

SEE PLAN SHEET 16

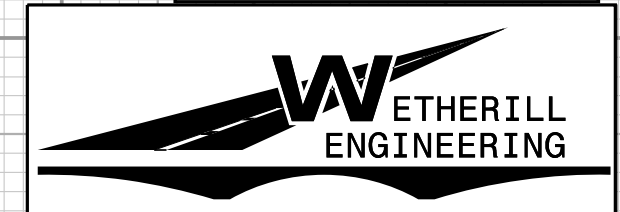
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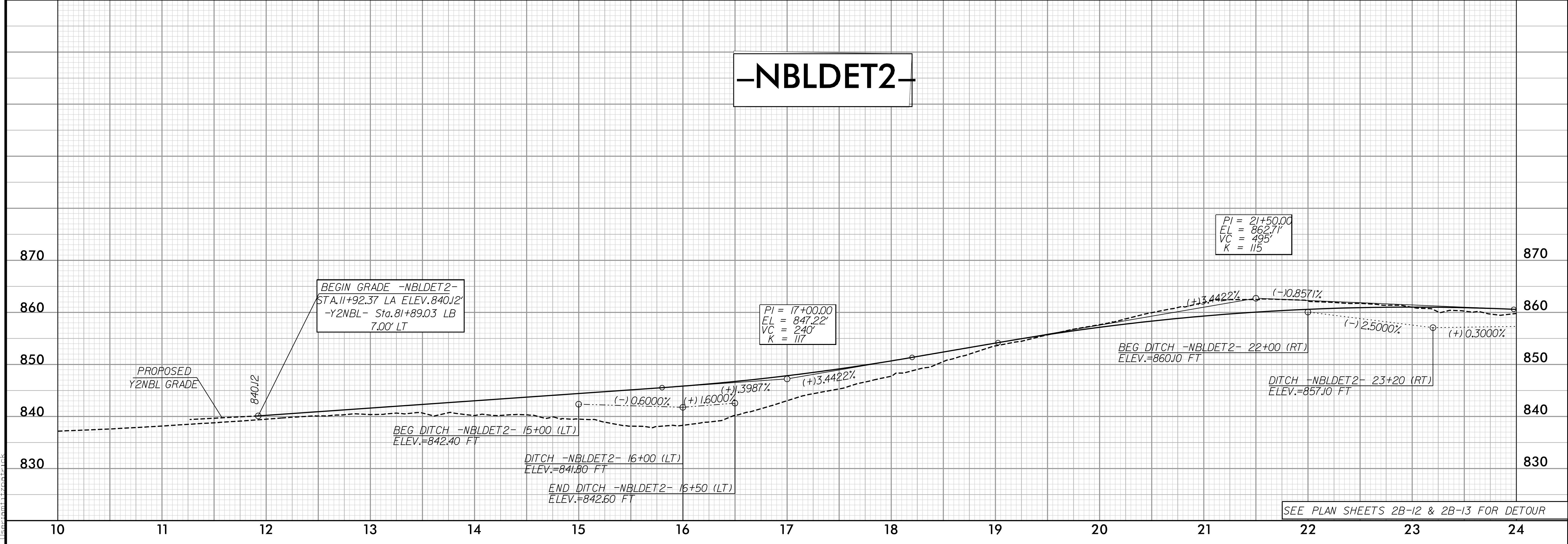
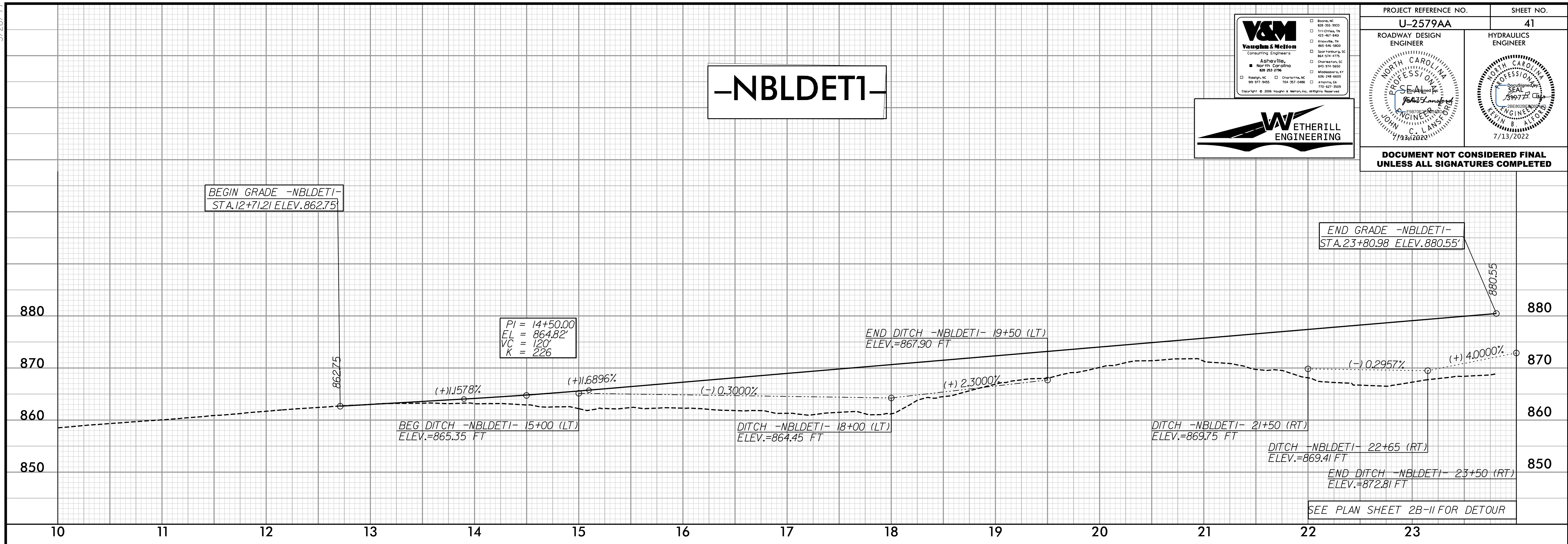
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5/28/2022



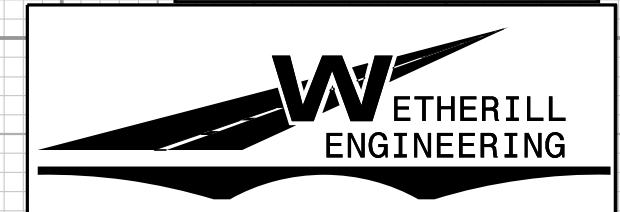
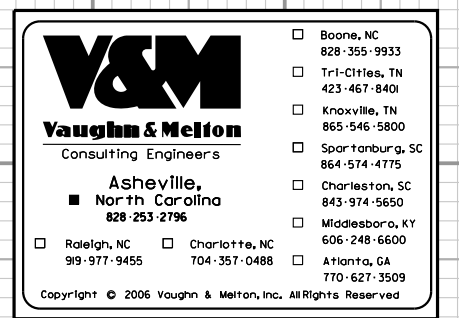
PROJECT REFERENCE NO. U-2579AA	SHEET NO. 41
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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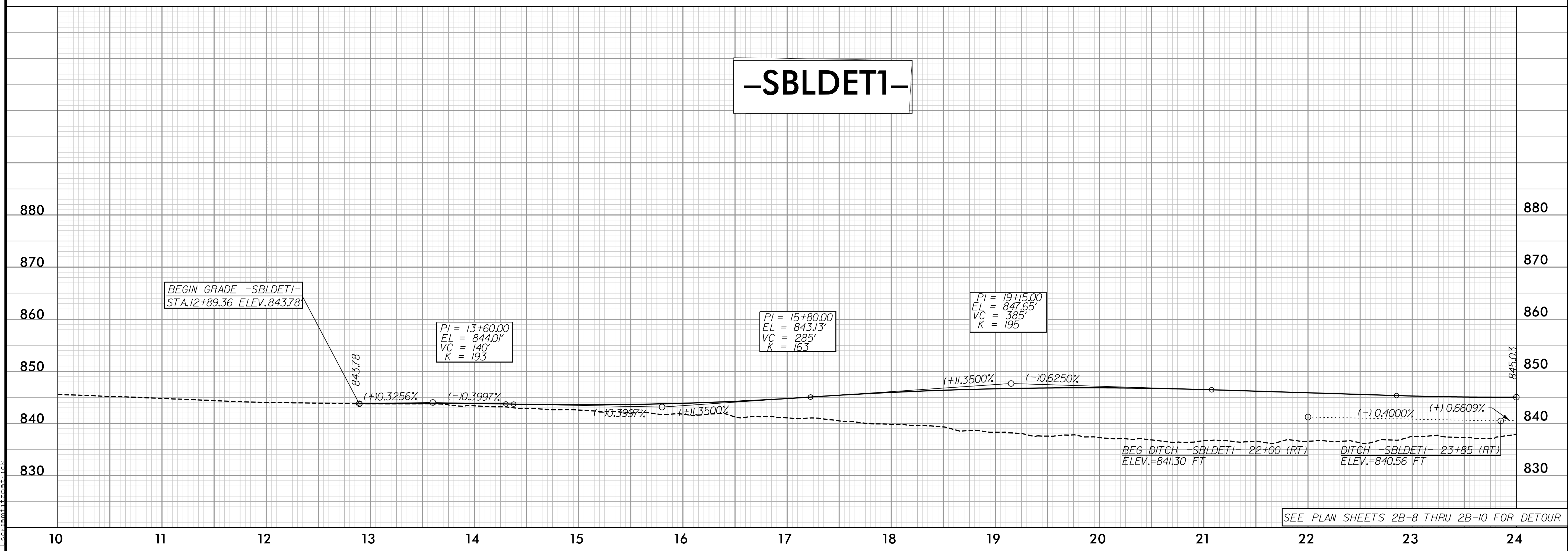
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5/28/22



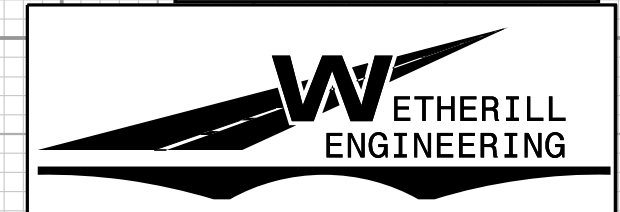
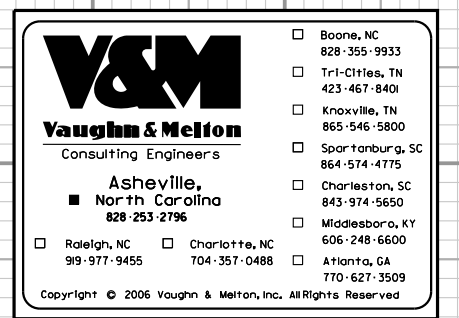
PROJECT REFERENCE NO. U-2579AA	SHEET NO. 42
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>John C. Lanston</i> Professional Engineer No. 43272 7/13/2022	<i>Kevin R. Foy</i> Professional Engineer No. 43272 7/13/2022

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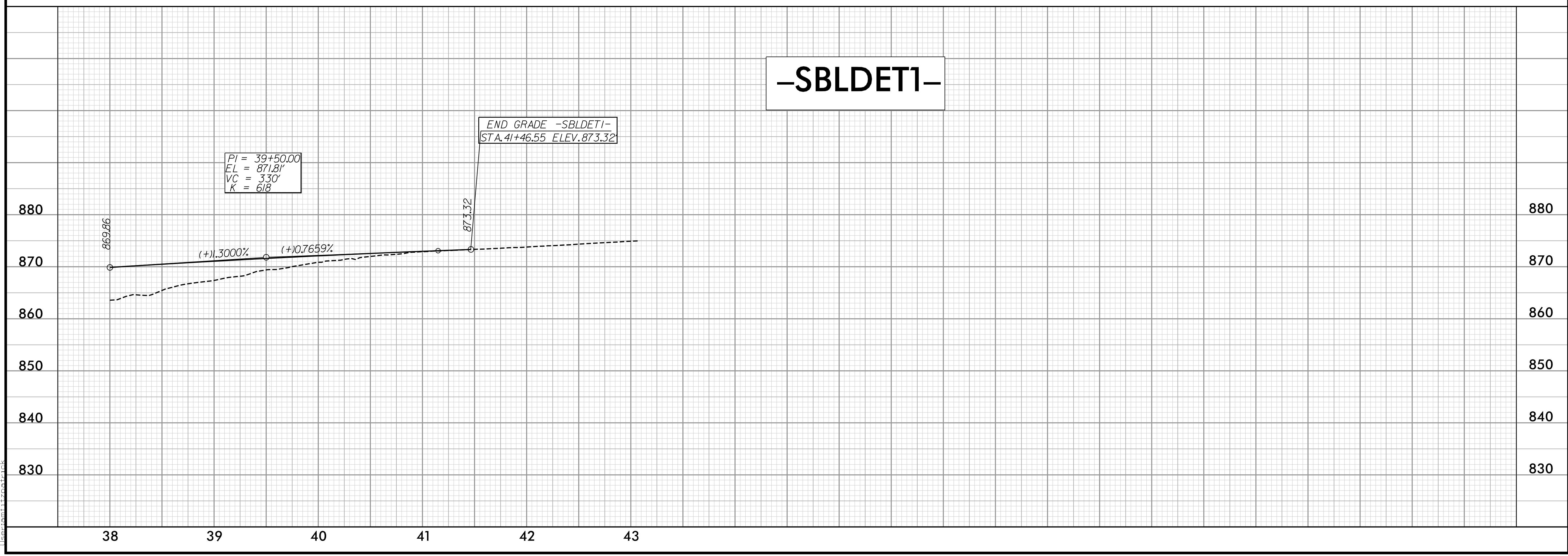
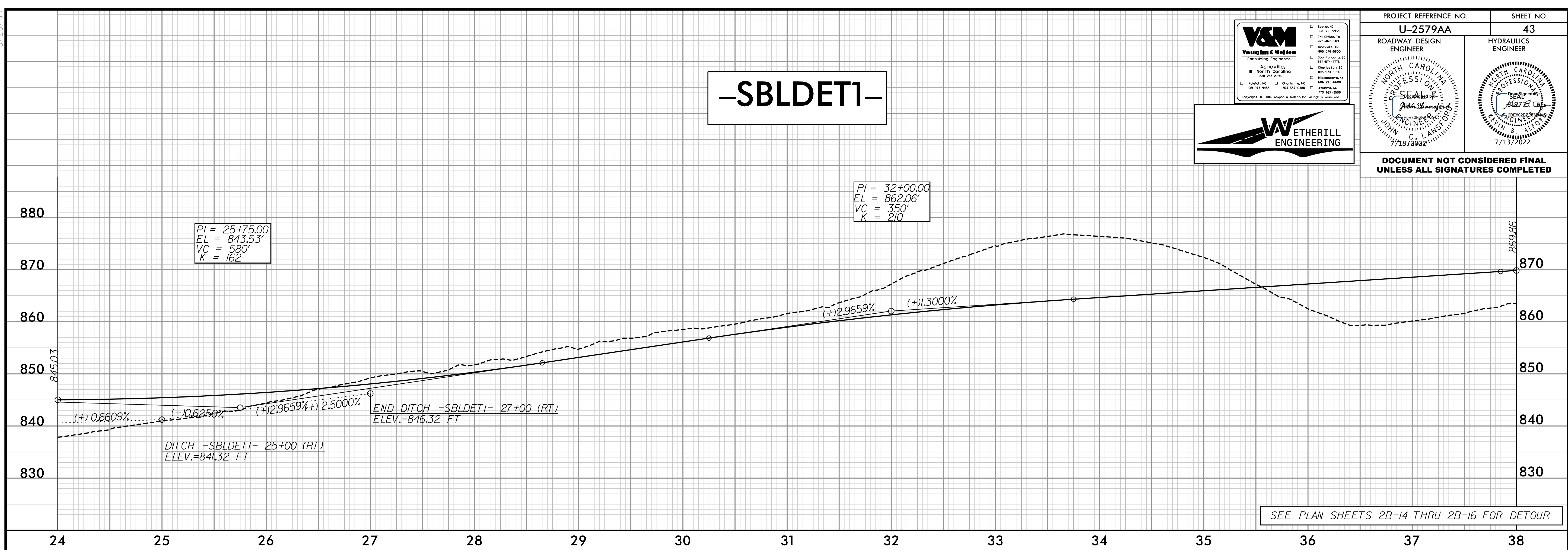
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5/28/22



PROJECT REFERENCE NO. U-2579AA	SHEET NO. 43
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>
7/13/2022	7/13/2022

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