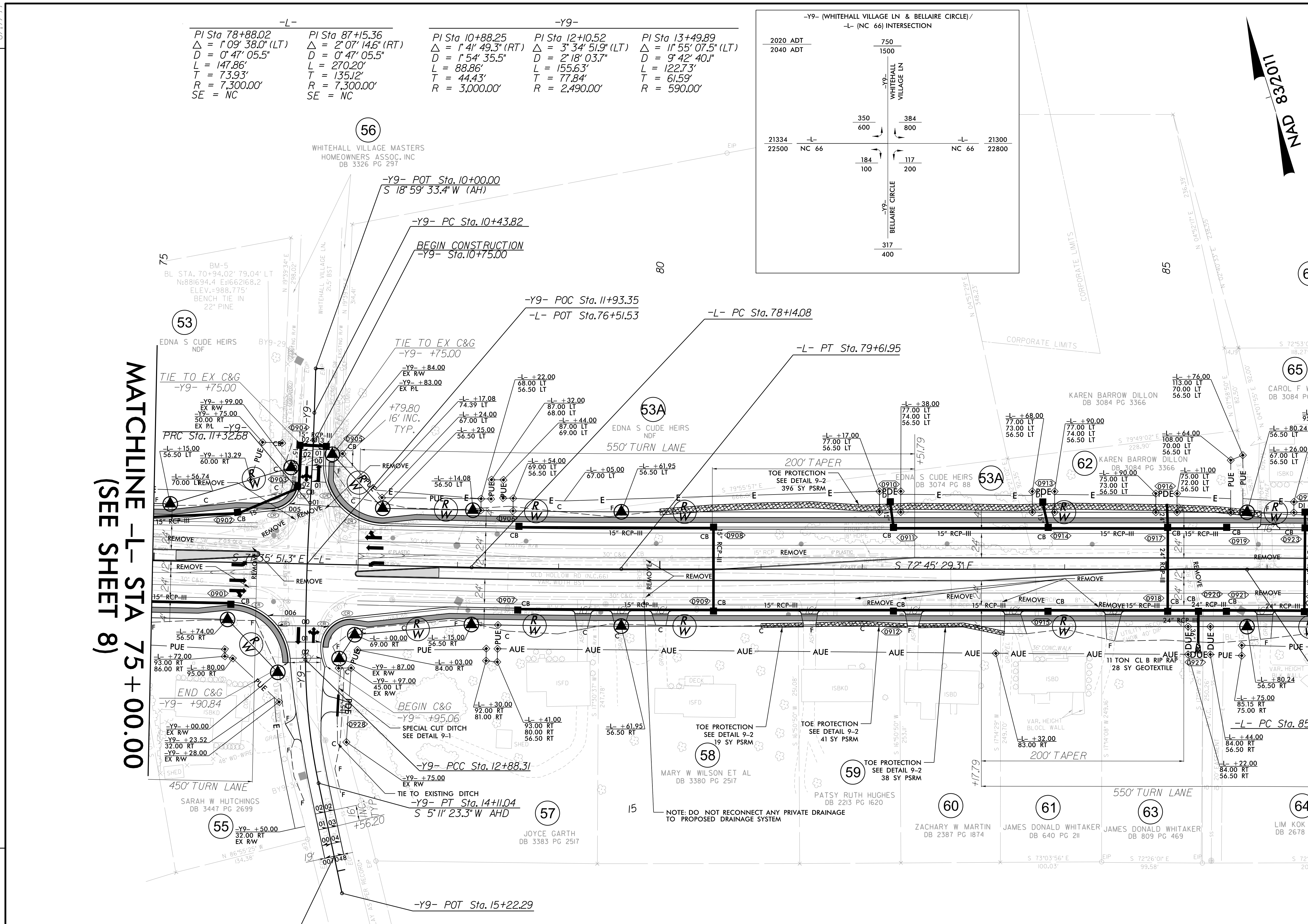


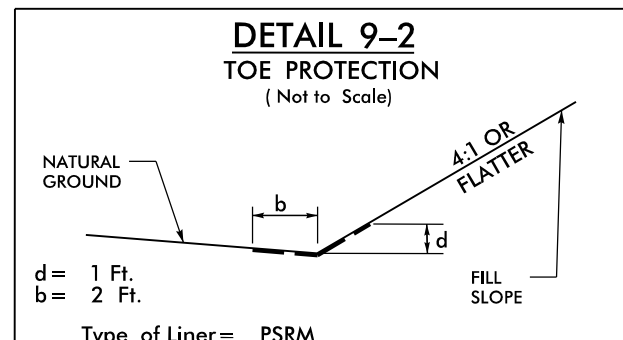
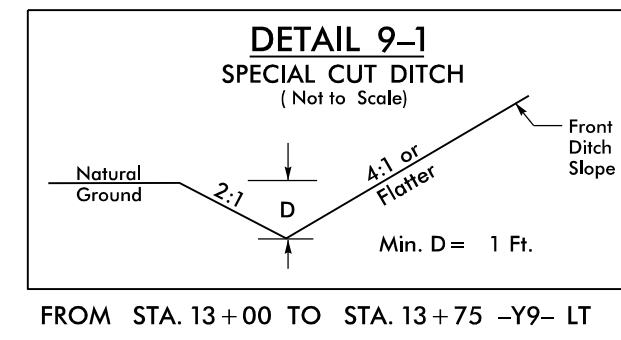
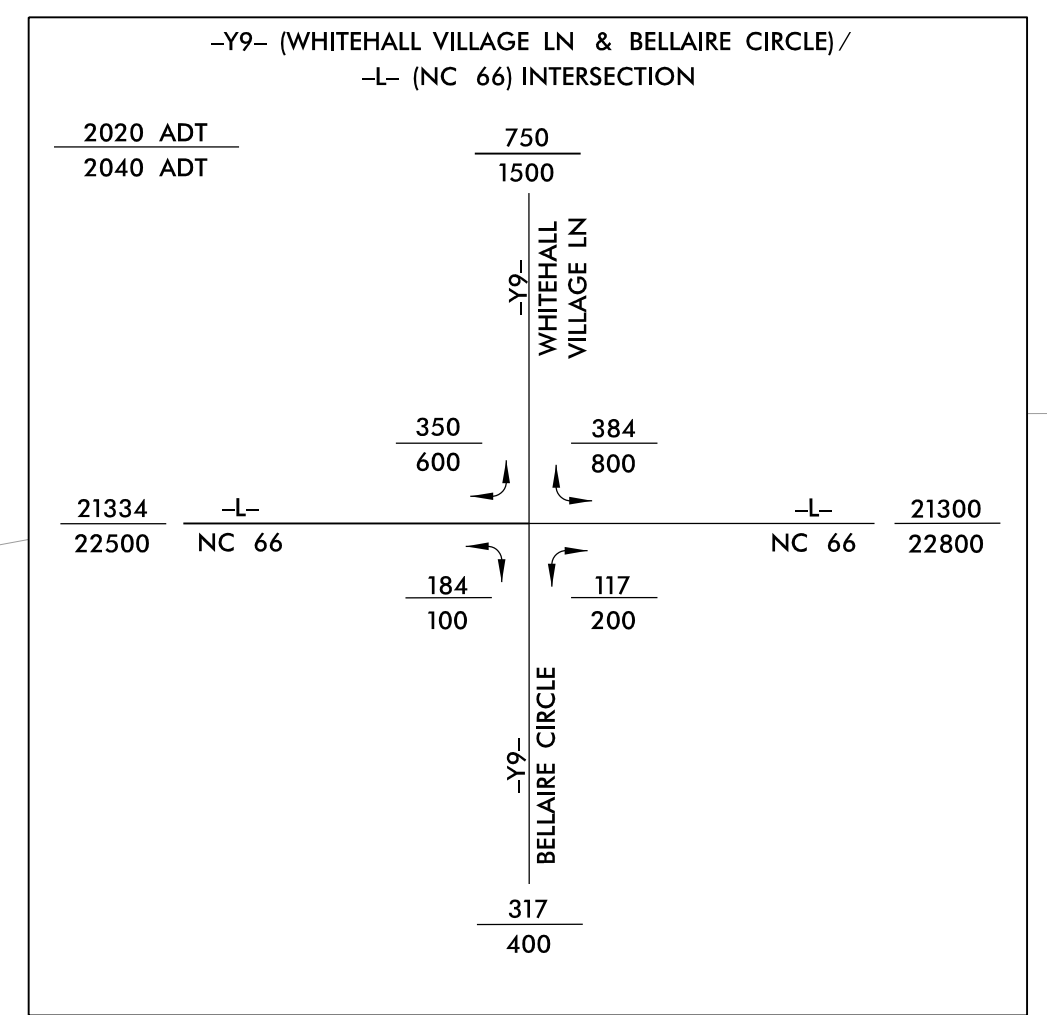
PROJECT REFERENCE NO. U-5824		SHEET NO. 9	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER 9/15/2023 PAITH E. JANKINS SEAL 046981		HYDRAULICS ENGINEER 9/15/2023 HE YANG SEAL 054713	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Prepared in the Office at: SUMMIT		NC FIRM LICENSE NO: P-0339 300 Executive Ct. Hillsborough, NC 27278 (919) 732-3883 (919) 732-6676 (FAX)	
FOR -L- PROFILE, SEE SHEET 14		FOR -Y9- PROFILE, SEE SHEET 18	



MATCHLINE -L- STA 75 + 00.00
(SEE SHEET 8)

MATCHLINE -L- STA 87 + 00.00
(SEE SHEET 10)

-L-		-Y9-		
PI Sta 78+88.02	PI Sta 87+15.36	PI Sta 10+88.25	PI Sta 12+10.52	PI Sta 13+49.89
$\Delta = 1' 09' 38.0''$ (LT)	$\Delta = 2' 07' 14.6''$ (RT)	$\Delta = 1' 41' 49.3''$ (RT)	$\Delta = 3' 34' 51.9''$ (LT)	$\Delta = 1' 55' 07.5''$ (LT)
$D = 0' 47' 05.5''$	$D = 0' 47' 05.5''$	$D = 1' 54' 35.5''$	$D = 2' 18' 03.7''$	$D = 9' 42' 40.1''$
$L = 147.86'$	$L = 270.20'$	$L = 88.86'$	$L = 155.63'$	$L = 122.73'$
$T = 73.93'$	$T = 135.12'$	$T = 44.43'$	$T = 77.84'$	$T = 61.59'$
$R = 7,300.00'$	$R = 7,300.00'$	$R = 3,000.00'$	$R = 2,490.00'$	$R = 590.00'$
SE = NC	SE = NC			



REVISIONS

06-SEP-2023 15:48
06:52:41 RJC:ash-r.dgn
faub,labrke

8.17.23

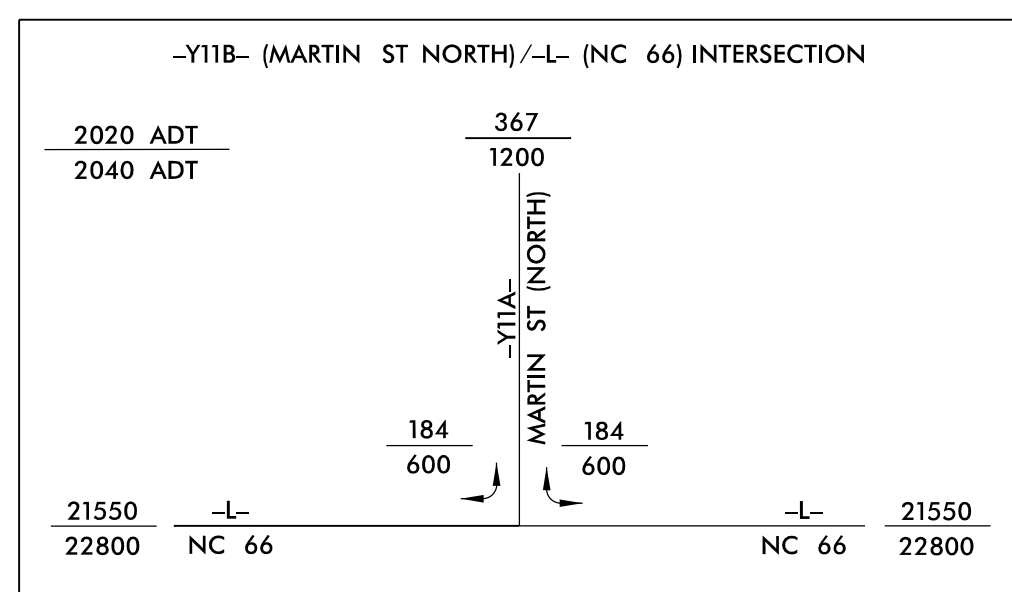
PROJECT REFERENCE NO. U-5824		SHEET NO. 10	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER 9/15/2023		HYDRAULICS ENGINEER 9/15/2023	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			
Prepared in the Office of:			
<p>FOR -L- PROFILE, SEE SHEET 15 FOR -Y10- PROFILE, SEE SHEET 18 FOR -Y11A- PROFILE, SEE SHEET 19 FOR -Y11B- PROFILE, SEE SHEET 19</p>			

-L-

PI Sta 87+15.36 Δ = 2° 07' 14.6" (RT) D = 0' 47' 05.5" L = 270.20' T = 135.12' R = 7,300.00' SE = NC	PI Sta 89+85.56 Δ = 2° 07' 14.6" (LT) D = 0' 47' 05.5" L = 270.20' T = 135.12' R = 7,300.00' SE = NC	PI Sta 95+14.03 Δ = 7° 38' 49.5" (RT) D = 1' 38' 13.3" L = 467.13' T = 233.91' R = 3,500.00' SE = 2° RO = 98'
--	--	--

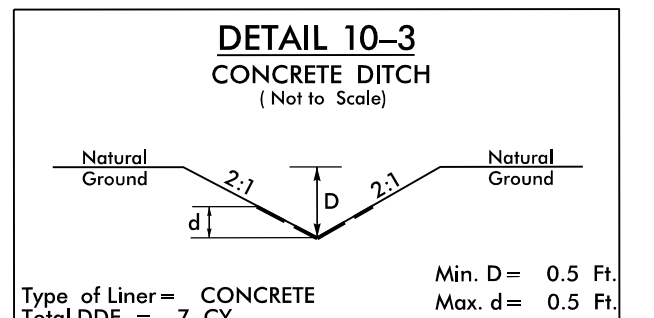
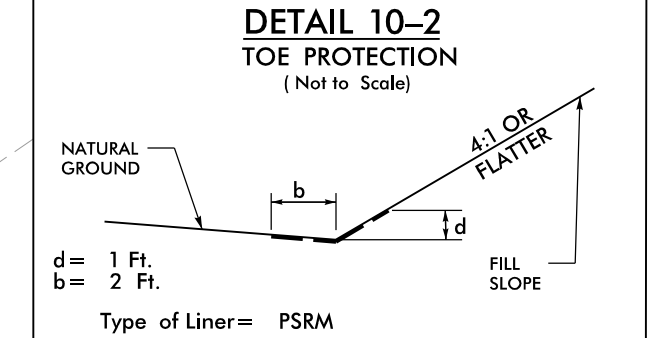
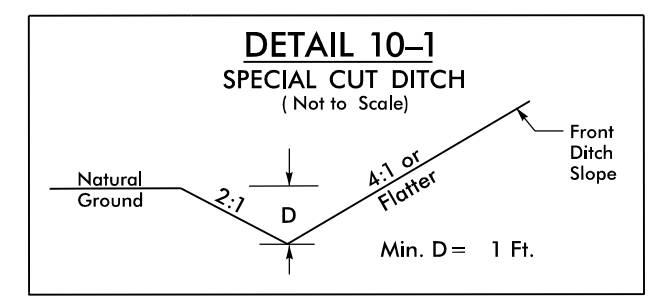
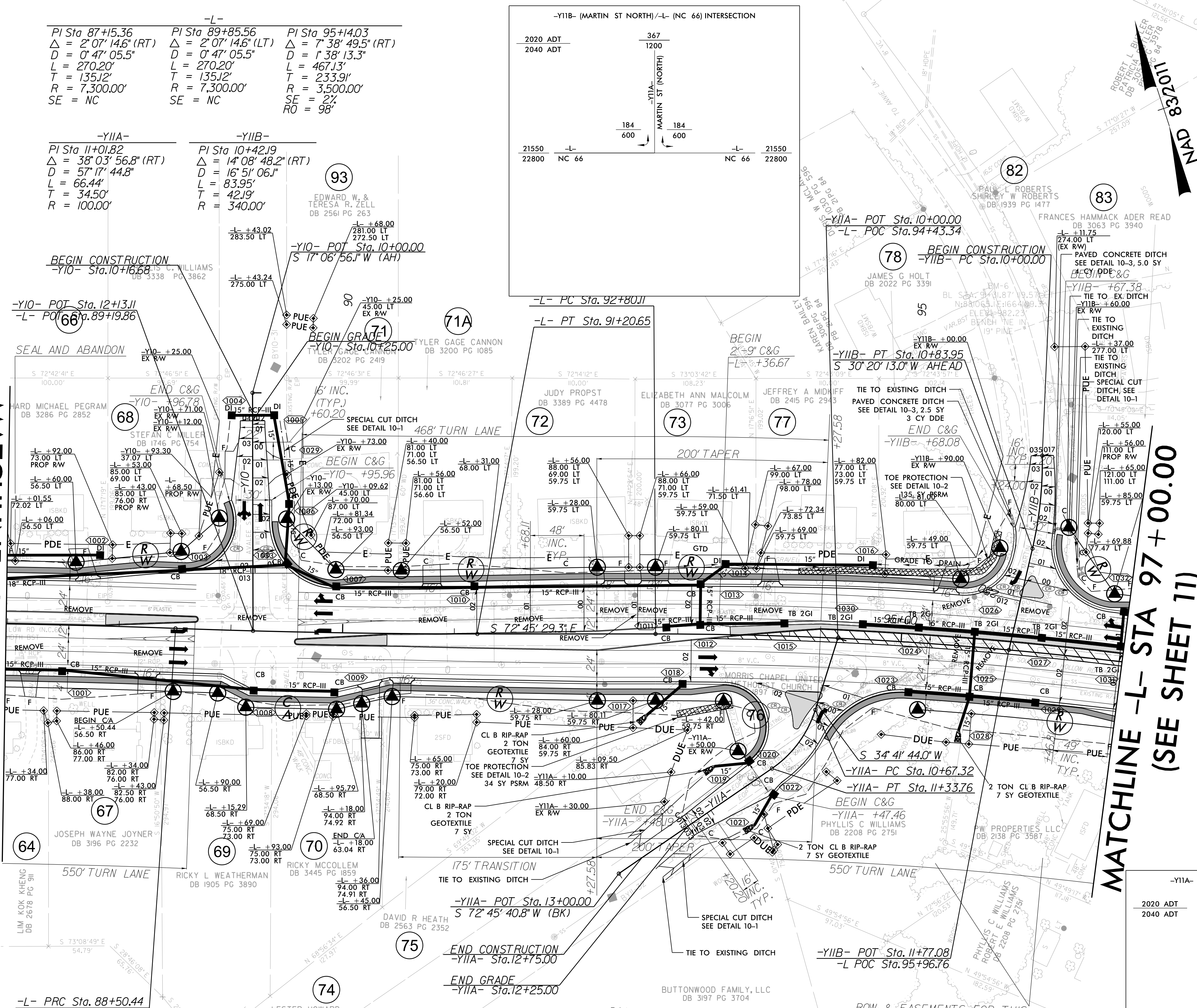
-Y11A-

PI Sta 11+01.82 Δ = 38° 03' 56.8" (RT) D = 57' 17" 44.8" L = 66.44' T = 34.50' R = 100.00'	PI Sta 10+42.19 Δ = 14° 08' 48.2" (RT) D = 16' 51" 06.1" L = 83.95' T = 42.19' R = 340.00'
---	---



MATCHLINE -L- STA 87+00.00
(SEE SHEET 9)

MATCHLINE -L- STA 97+00.00
(SEE SHEET 11)



FROM STA. 10+25 TO STA. 11+25 -Y10- LT
FROM STA. 10+75 TO STA. 12+75 -Y11 A- LT
FROM STA. 10+75 TO STA. 12+75 -Y11 A- RT
FROM STA. 10+75 TO STA. 11+00 -Y11 B- LT

FROM STA. 93+00 TO STA. 93+50 -L- RT
FROM STA. 94+06 TO STA. 95+66 -L- LT
FROM STA. 10+75 TO STA. 11+12 -Y11 B- RT

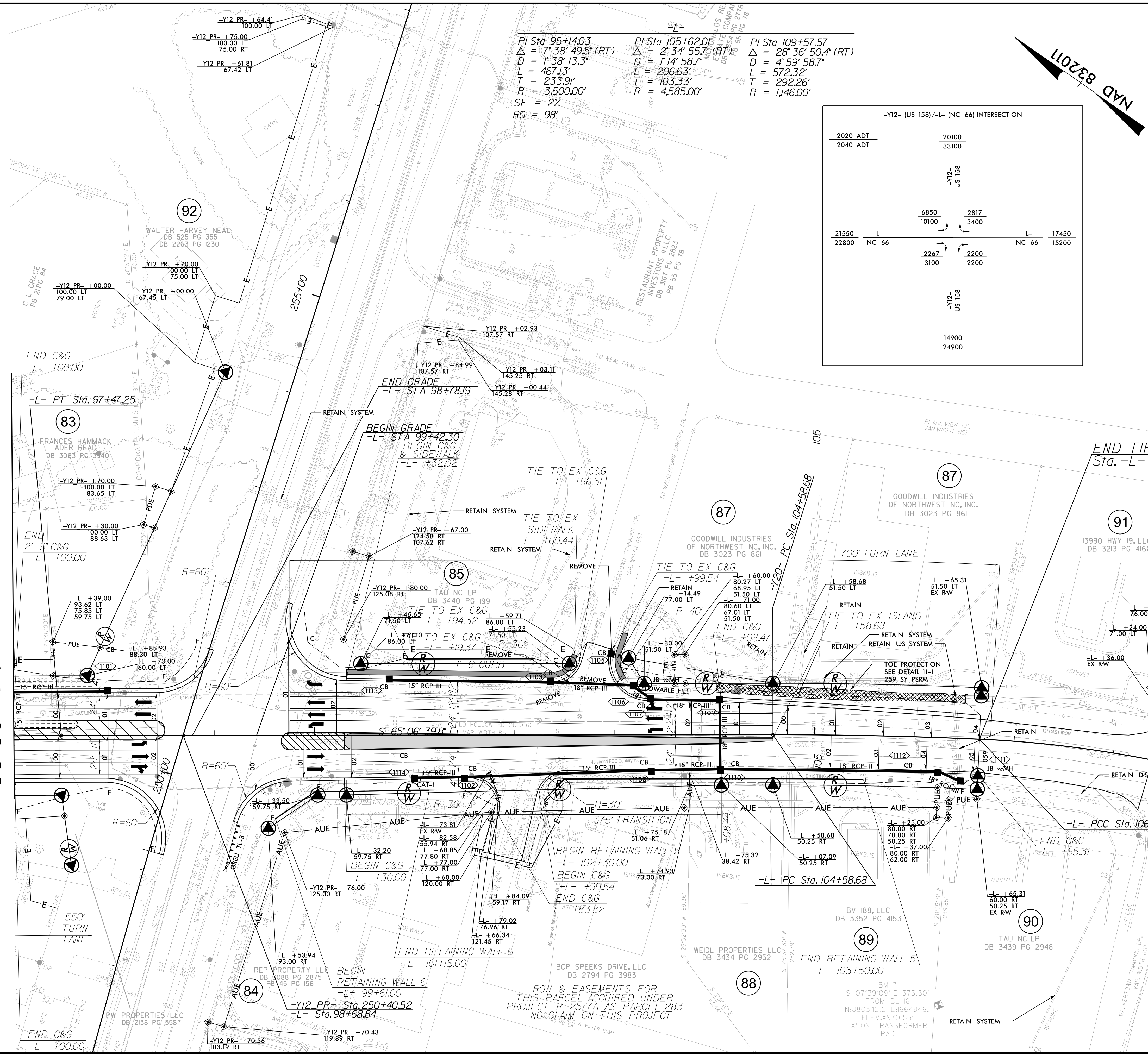
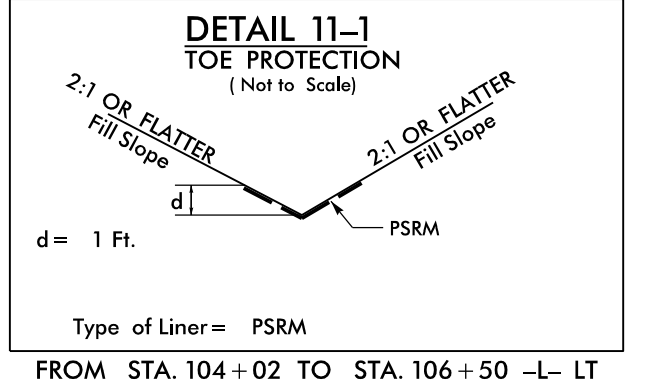
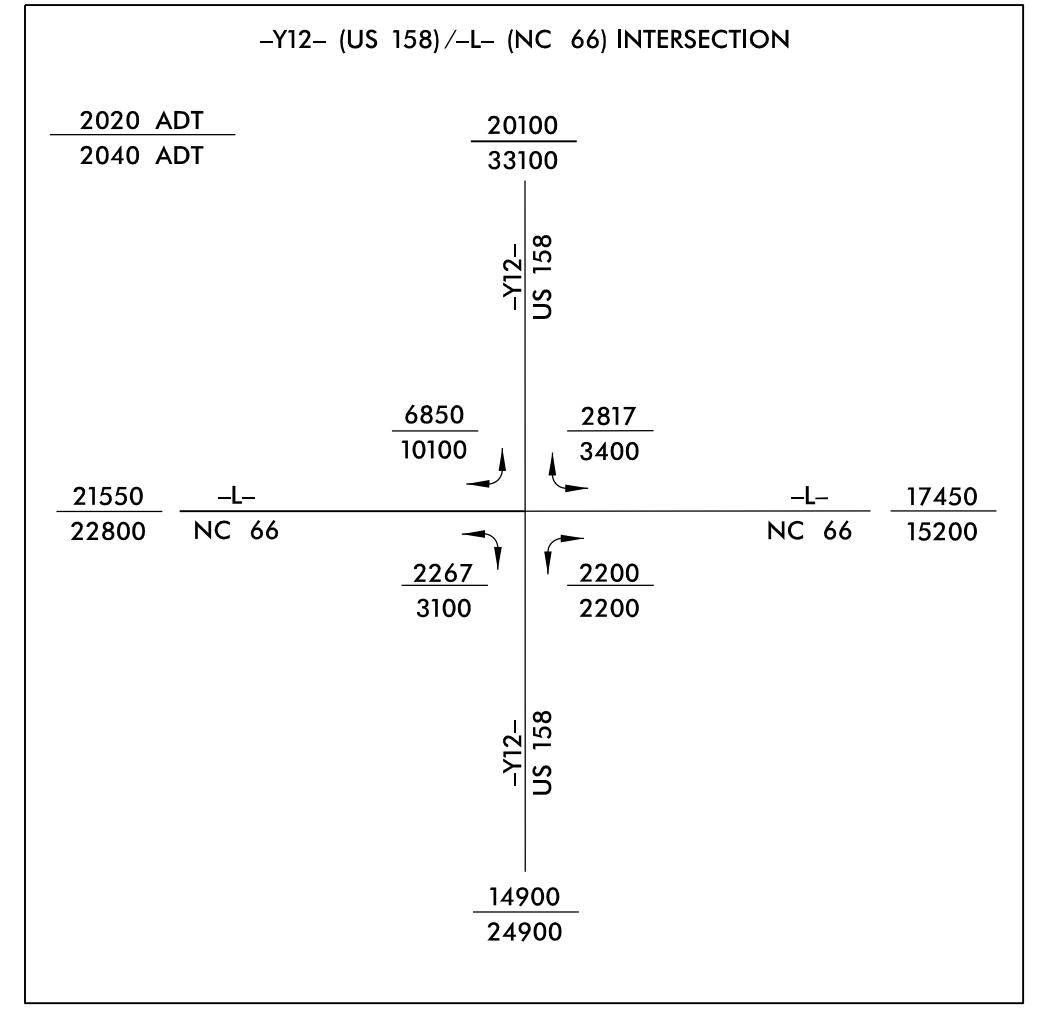
FROM STA. 10+59 TO STA. 10+67 -Y11 B- LT
FROM STA. 10+57 TO STA. 10+67 -Y11 B- RT

REVISIONS

06-SEP-2023 15:18
06-SEP-2023 15:18
06-SEP-2023 15:18

PROJECT REFERENCE NO. U-5824	SHEET NO. 11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER 9/15/2023 SEAL 046981 PAUL E. JANKINS Forth E. Jankins	HYDRAULICS ENGINEER 9/15/2023 SEAL 054713 HE YANG He Yang
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared in the Office of: SUMMIT	NC FIRM LICENSE NO: P-0339 300 Executive Ct. Hillsborough, NC 27278 (919) 732-3883 (919) 732-6676 (FAX)

FOR -L- PROFILE, SEE SHEET 15



MATCHLINE -L- STA 97+00.00
(SEE SHEET 10)

ROW & EASEMENTS FOR THIS PARCEL ACQUIRED UNDER PROJECT R-2577A AS PARCEL 283 - NO CLAIM ON THIS PROJECT

REVISIONS

8.17.23

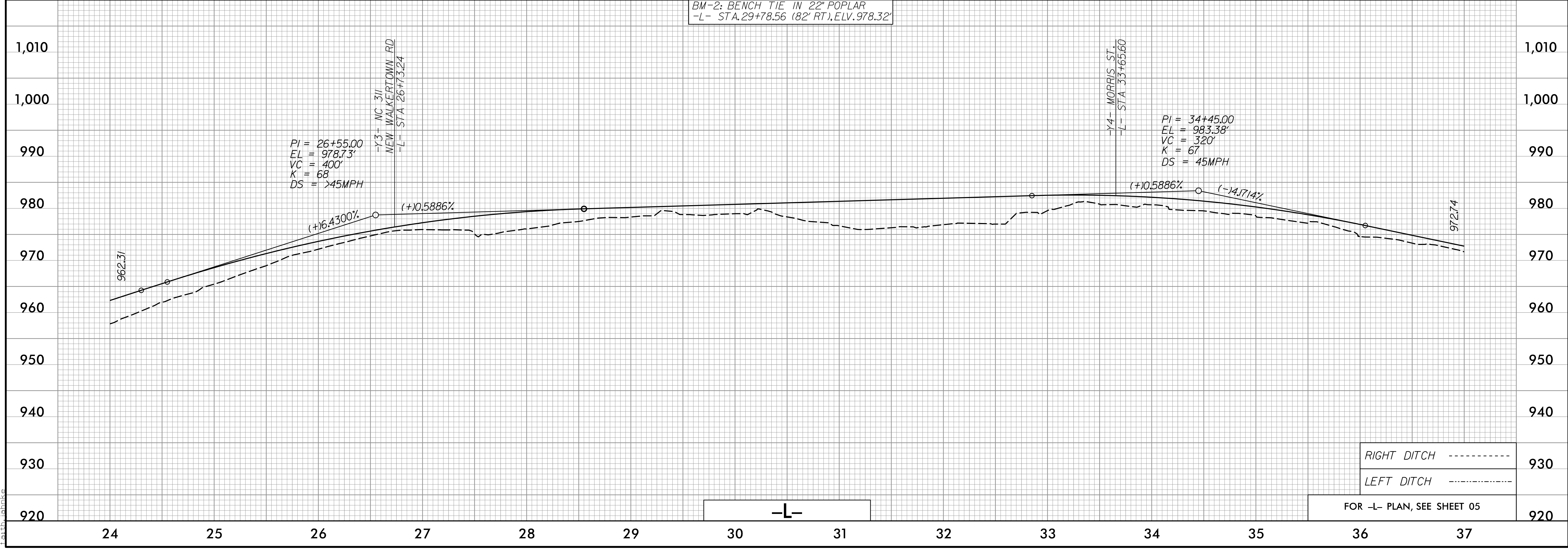
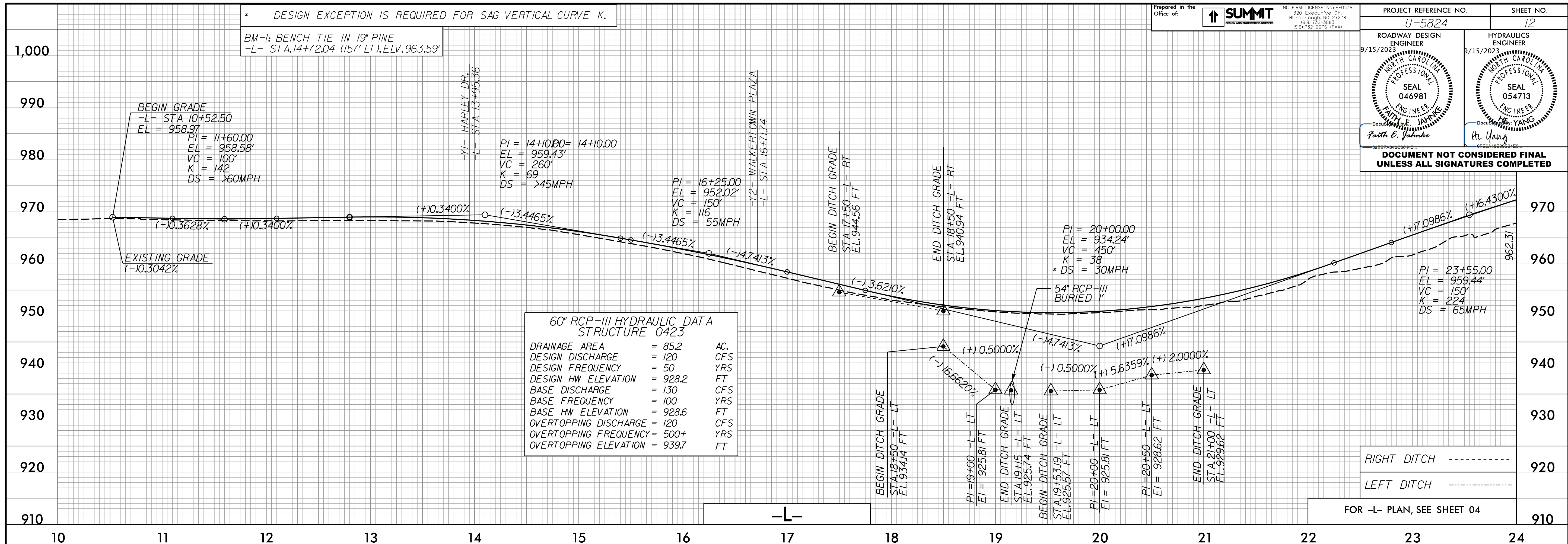
14-SEP-2023 11:53
U-5824_R01.dwg
Paul Jankins

* DESIGN EXCEPTION IS REQUIRED FOR SAG VERTICAL CURVE K.

Prepared in the Office of: **SUMMIT** NC FIRM LICENSE No. P-0339 300 Executive Ct. Hillsborough, NC 27278 (919) 732-5883 (919) 732-6676 (FAX)

PROJECT REFERENCE NO. U-5824	SHEET NO. 12
ROADWAY DESIGN ENGINEER 9/15/2023 SEAL 046981 FAITH E. JAHNKE	HYDRAULICS ENGINEER 9/15/2023 SEAL 054713 HE YANG

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

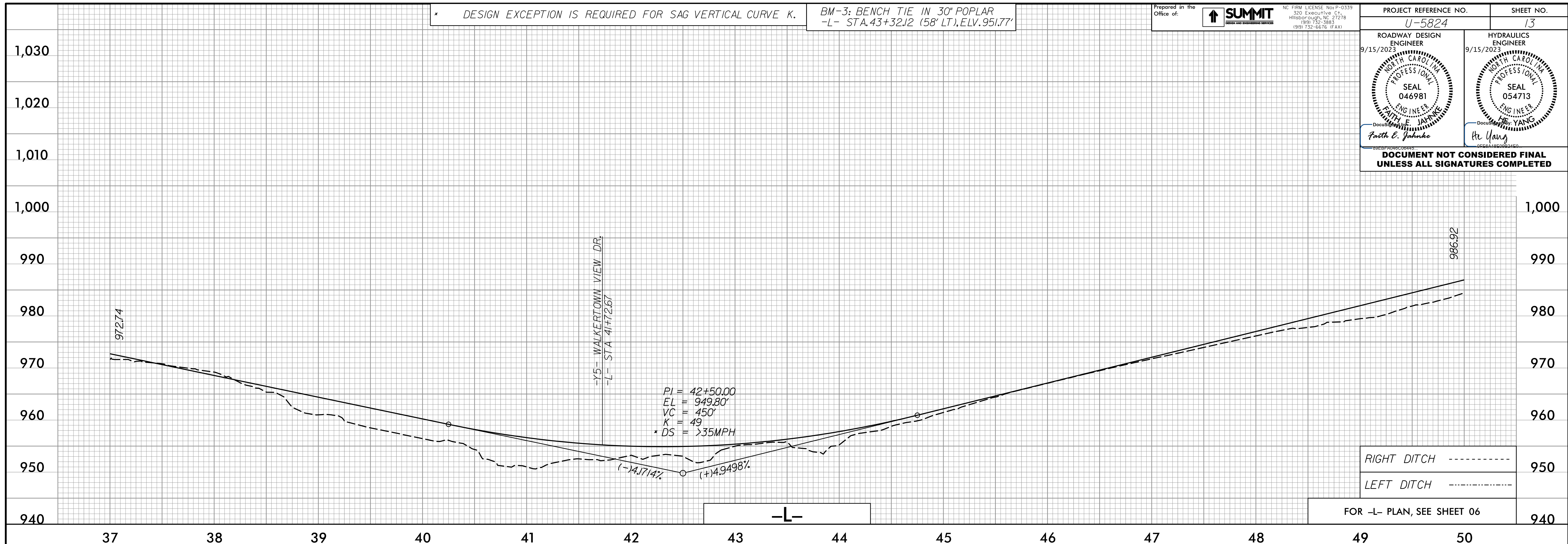


06-SEP-2023 15:18
166%
Faith E. Jahnke

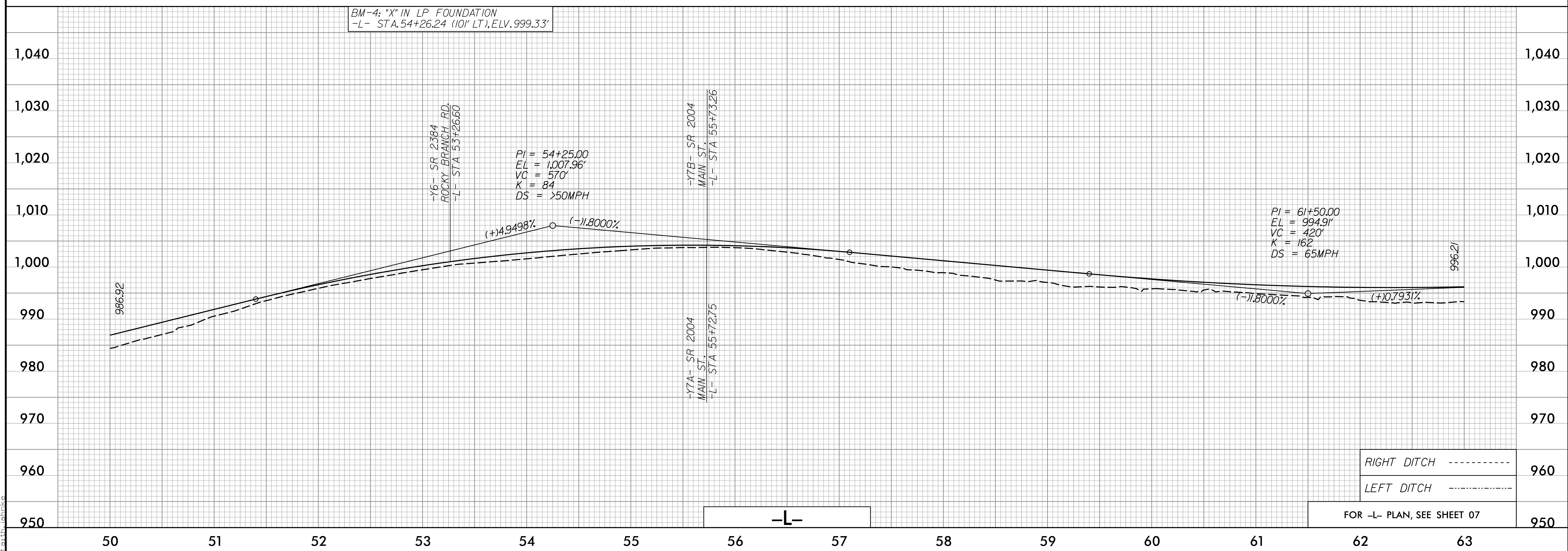
* DESIGN EXCEPTION IS REQUIRED FOR SAG VERTICAL CURVE K. BM-3: BENCH TIE IN 30' POPLAR -L- STA.43+32.12 (58' LT), ELV.951.77'

Prepared in the Office of: **SUMMIT** NC FIRM LICENSE No. P-0339 300 Executive Ct. Hillsborough, NC 27278 (919) 732-5883 (919) 732-6676 (FAX)

PROJECT REFERENCE NO. U-5824	SHEET NO. 13
ROADWAY DESIGN ENGINEER 9/15/2023 FAITH E. JAHNKE SEAL 046981 NORTH CAROLINA PROFESSIONAL ENGINEER	HYDRAULICS ENGINEER 9/15/2023 HE YANG SEAL 054713 NORTH CAROLINA PROFESSIONAL ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

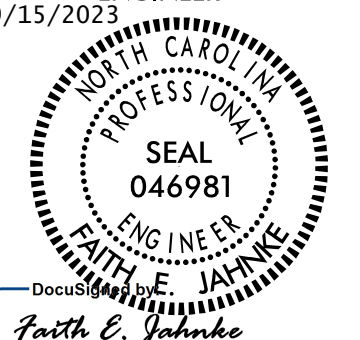
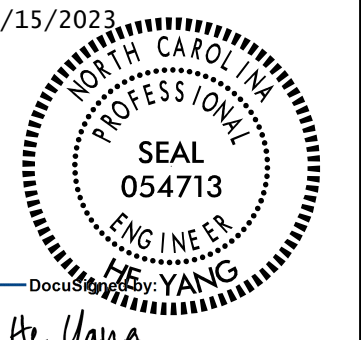


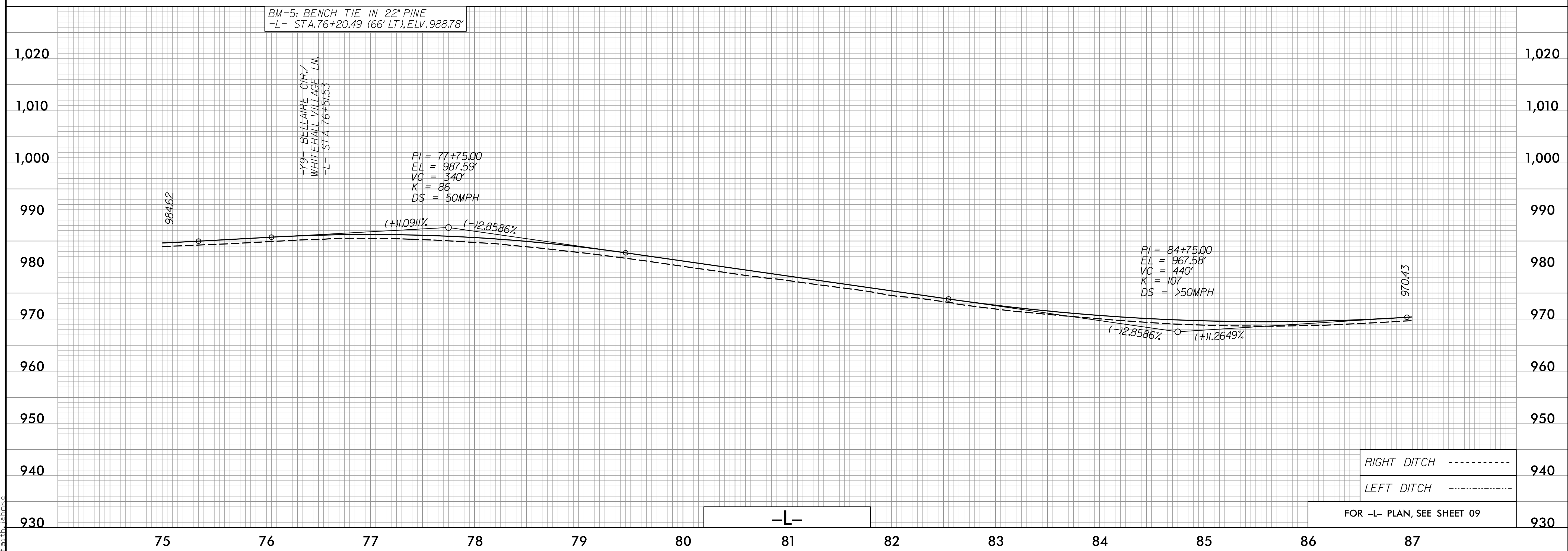
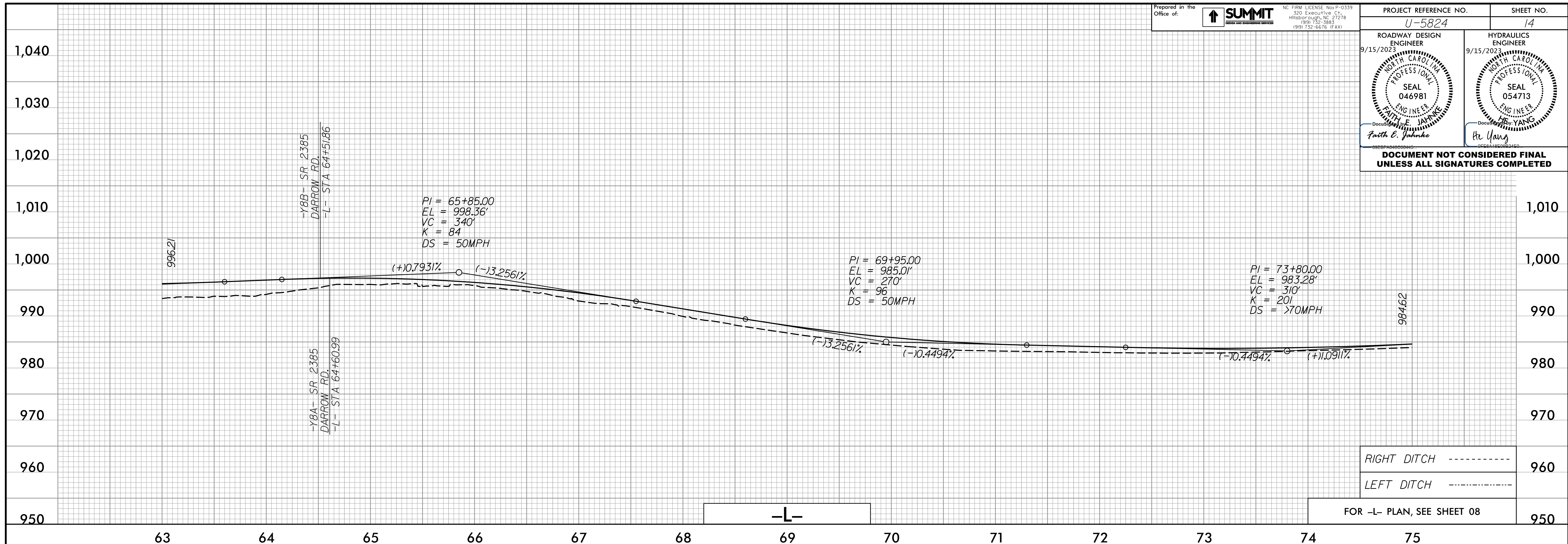
RIGHT DITCH ----- 950
LEFT DITCH ----- 950
FOR -L- PLAN, SEE SHEET 06



RIGHT DITCH ----- 960
LEFT DITCH ----- 960
FOR -L- PLAN, SEE SHEET 07

06-SEP-2023 15:18
D:\6341_Road\13.dgn
Faith E. Jahnke

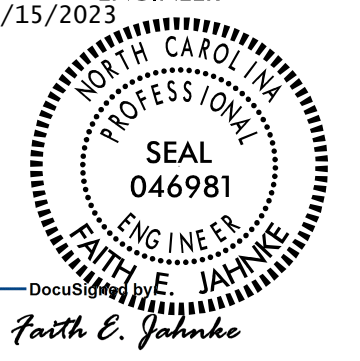
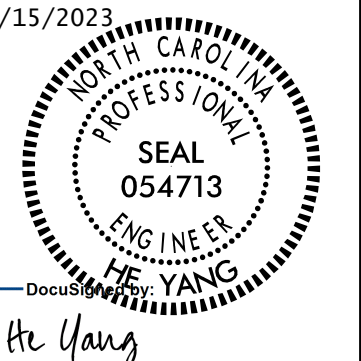
PROJECT REFERENCE NO. U-5824	SHEET NO. 14
ROADWAY DESIGN ENGINEER 9/15/2023  Faith E. Jahnke	HYDRAULICS ENGINEER 9/15/2023  He Yang
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

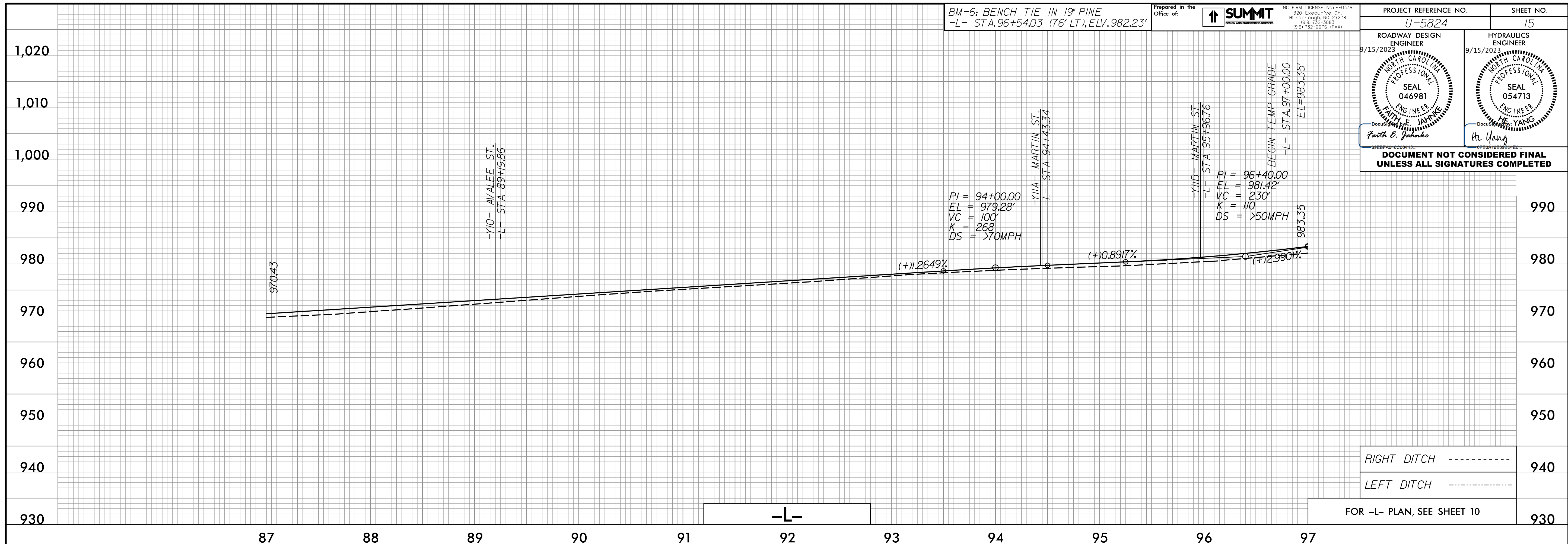


06-SEP-2023 15:18
 C:\Users\Faith\OneDrive\Documents\Projects\U-5824\14.dgn
 Faith E. Jahnke

BM-6: BENCH TIE IN 1" PINE
-L- STA.96+54.03 (76' LT), ELV.982.23'

Prepared in the Office of:  NC FIRM LICENSE No. P-0339
300 Executive Ct.
Hillsborough, NC 27278
(919) 732-5883
(919) 732-6676 (FAX)

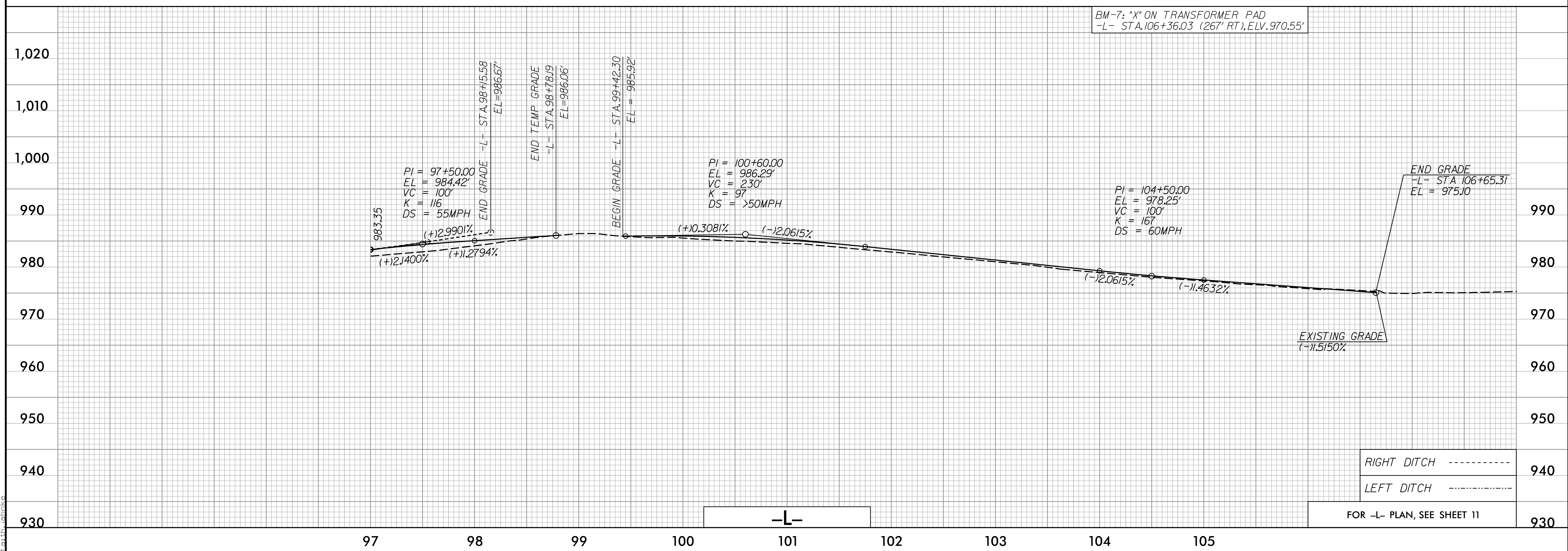
PROJECT REFERENCE NO. U-5824	SHEET NO. 15
ROADWAY DESIGN ENGINEER 9/15/2023  Faith E. Jahnke	HYDRAULICS ENGINEER 9/15/2023  He Yang
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



RIGHT DITCH ----- 940
LEFT DITCH ----- 940
FOR -L- PLAN, SEE SHEET 10

06-SEP-2023 15:18
D:\631_Road\1116.dgn
Faith Jahnke

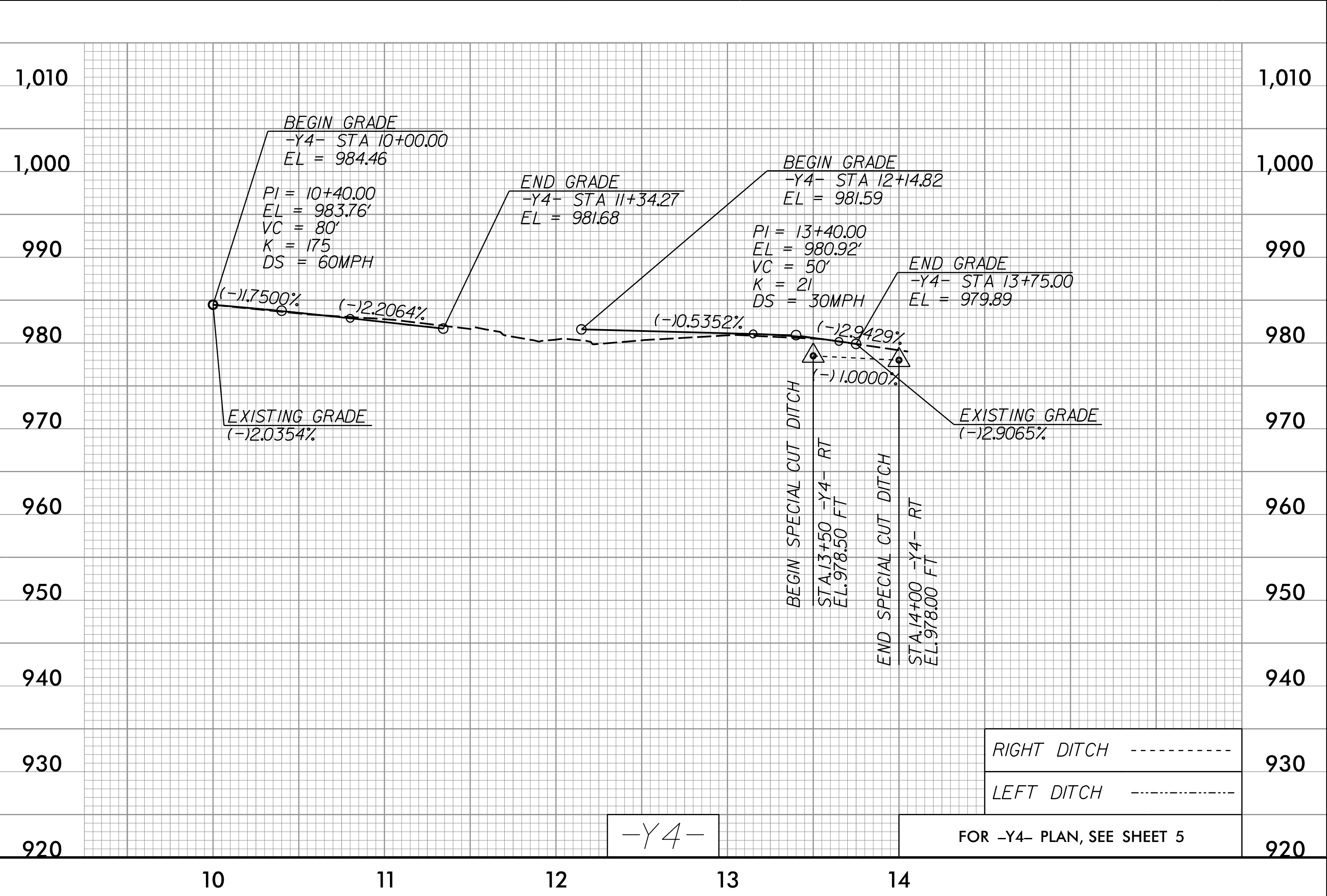
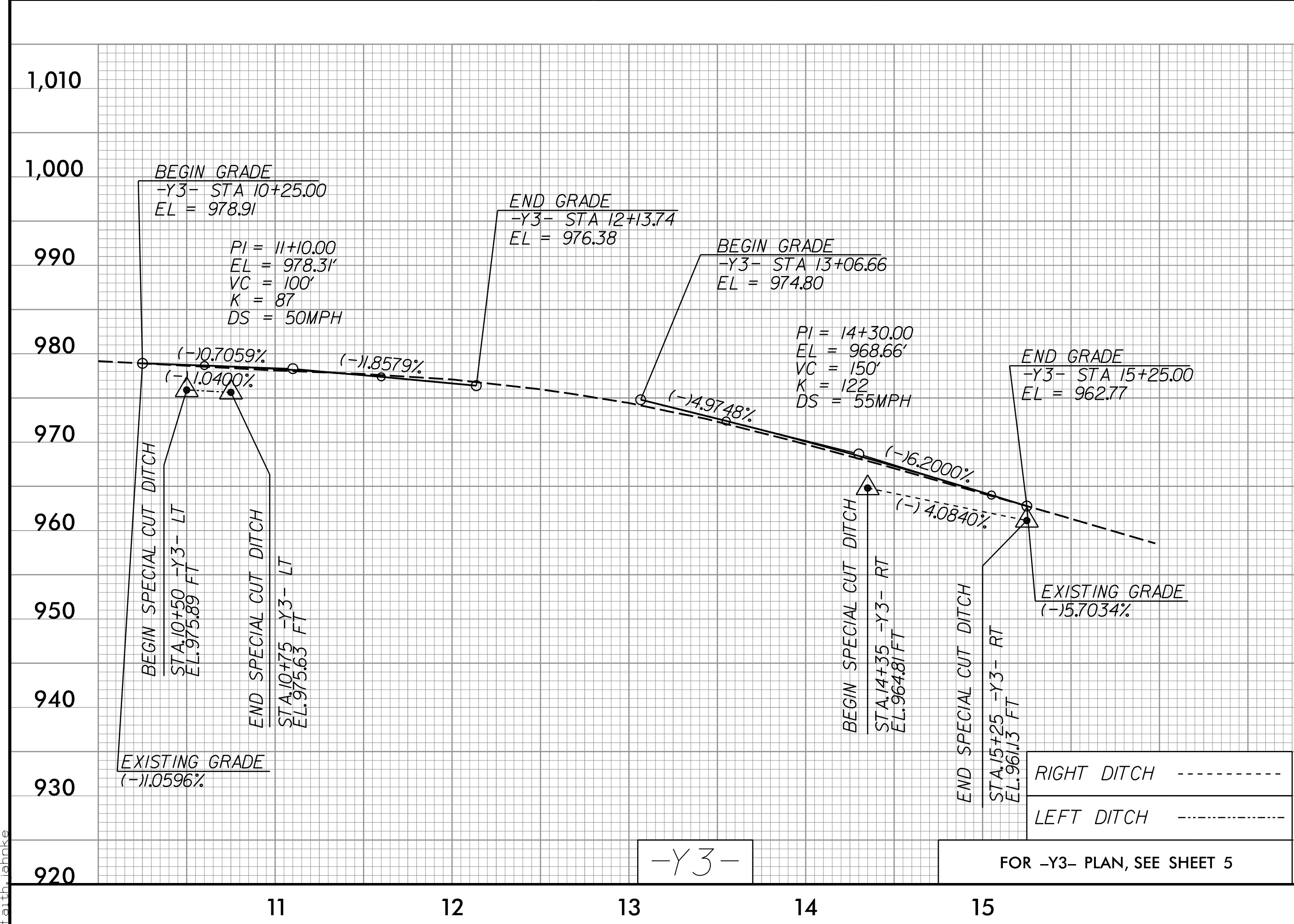
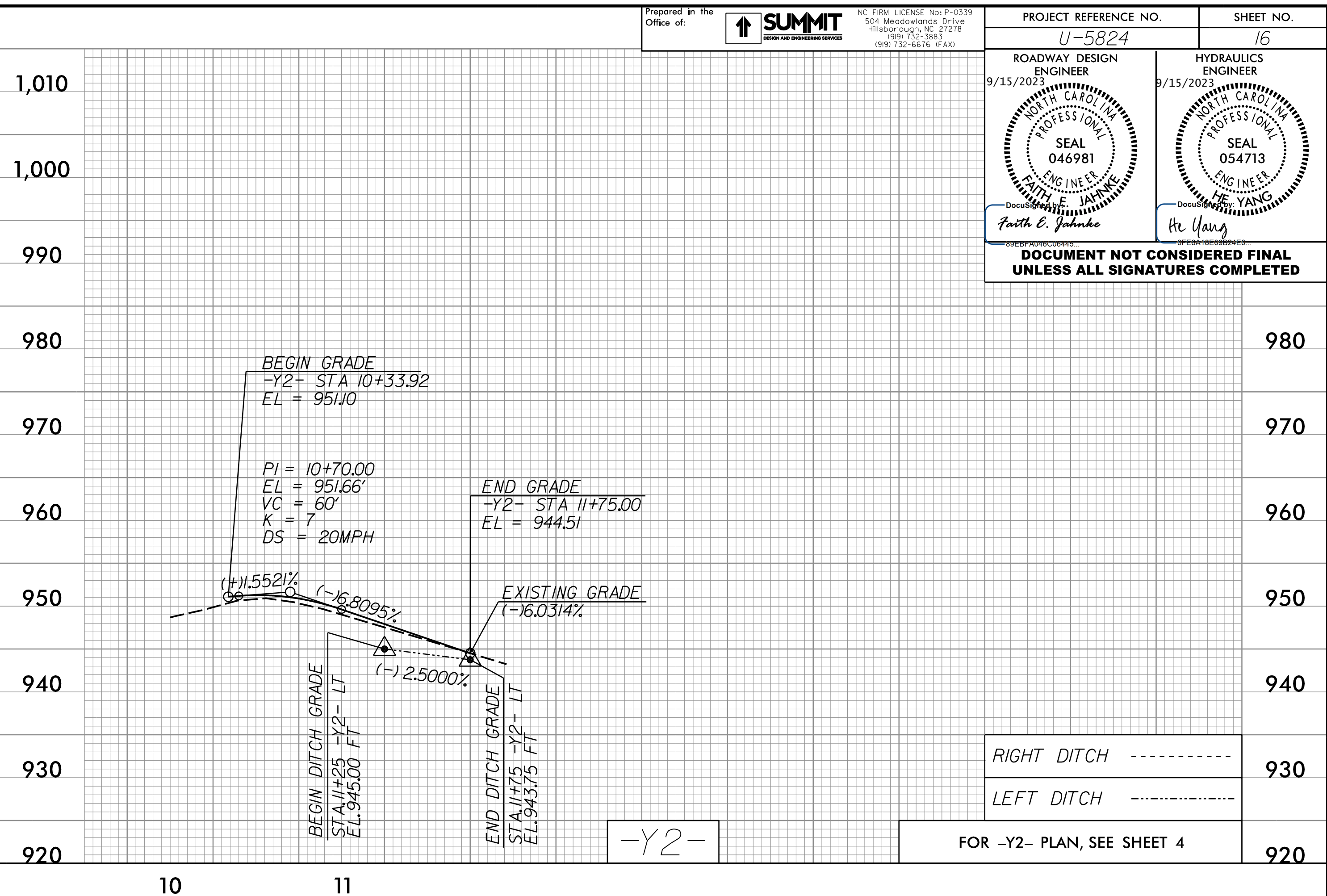
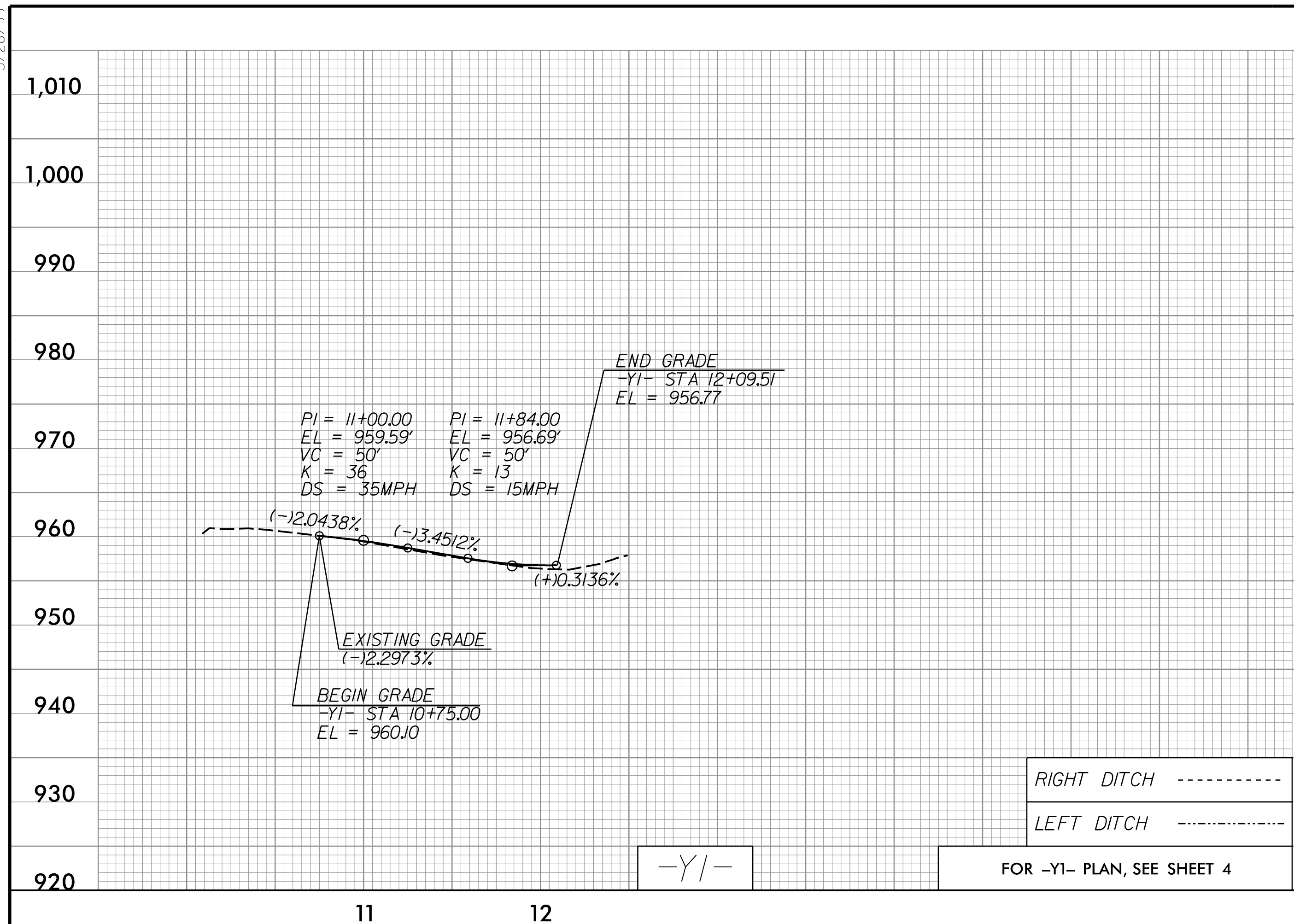
BM-7: "X" ON TRANSFORMER PAD
-L- STA.106+36.03 (267' RT), ELV.970.55'



RIGHT DITCH ----- 940
LEFT DITCH ----- 940
FOR -L- PLAN, SEE SHEET 11

5/28/24

PROJECT REFERENCE NO. U-5824	SHEET NO. 16
ROADWAY DESIGN ENGINEER 9/15/2023 FAITH E. JAHNKE SEAL 046981 ENGINEER NORTH CAROLINA PROFESSIONAL SEAL	HYDRAULICS ENGINEER 9/15/2023 HE YANG SEAL 054713 ENGINEER NORTH CAROLINA PROFESSIONAL SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



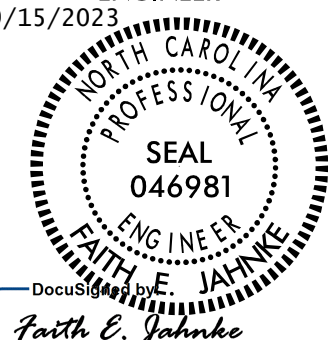
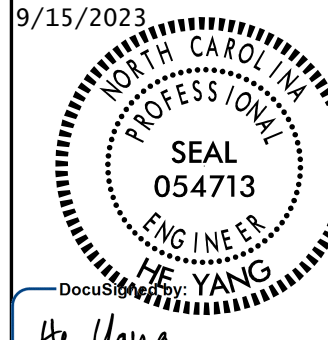
06-SEP-2023 15:18
D:\63\1_Road\16.dgn
Faith Jahnske

5/28/99

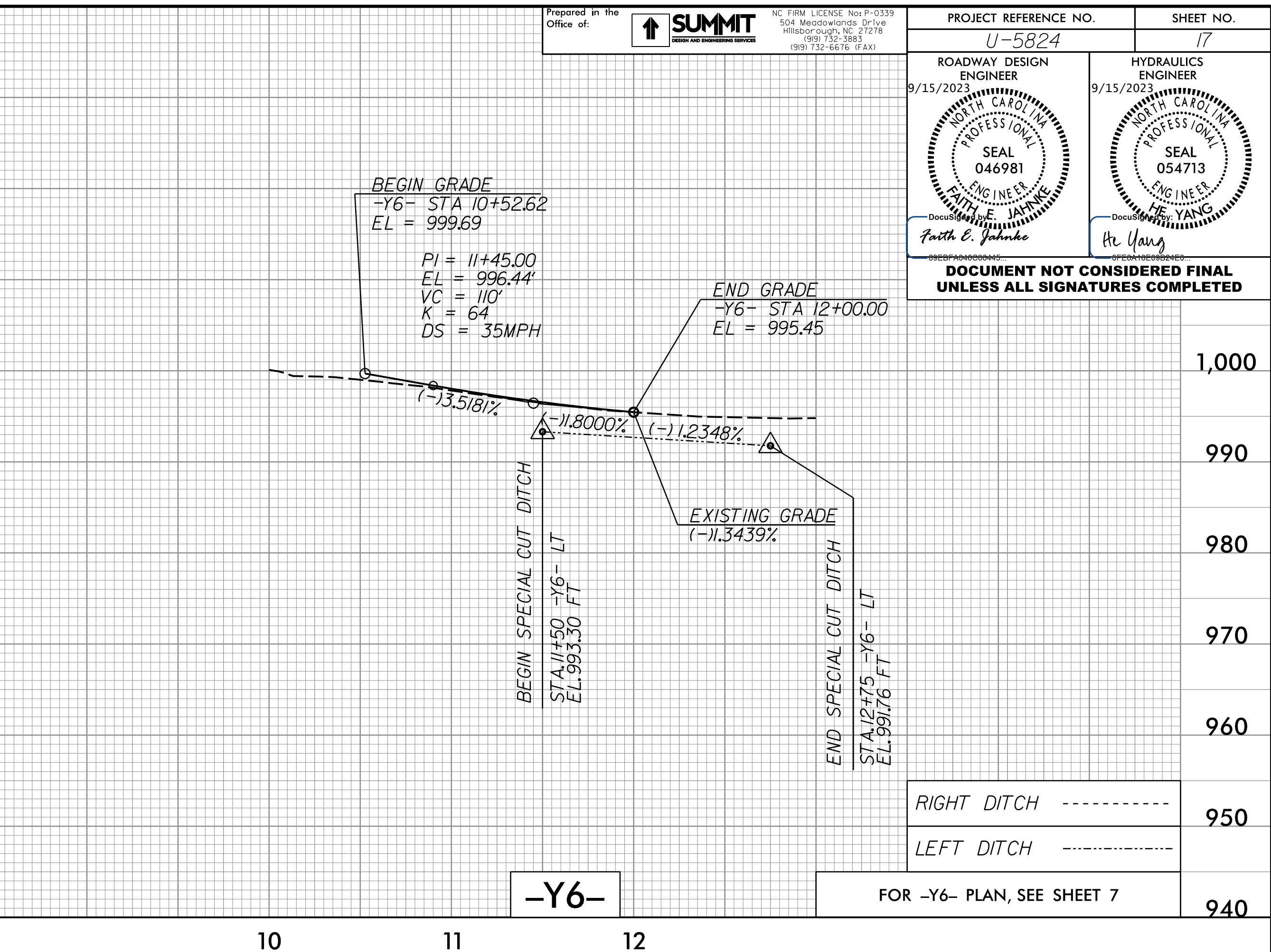
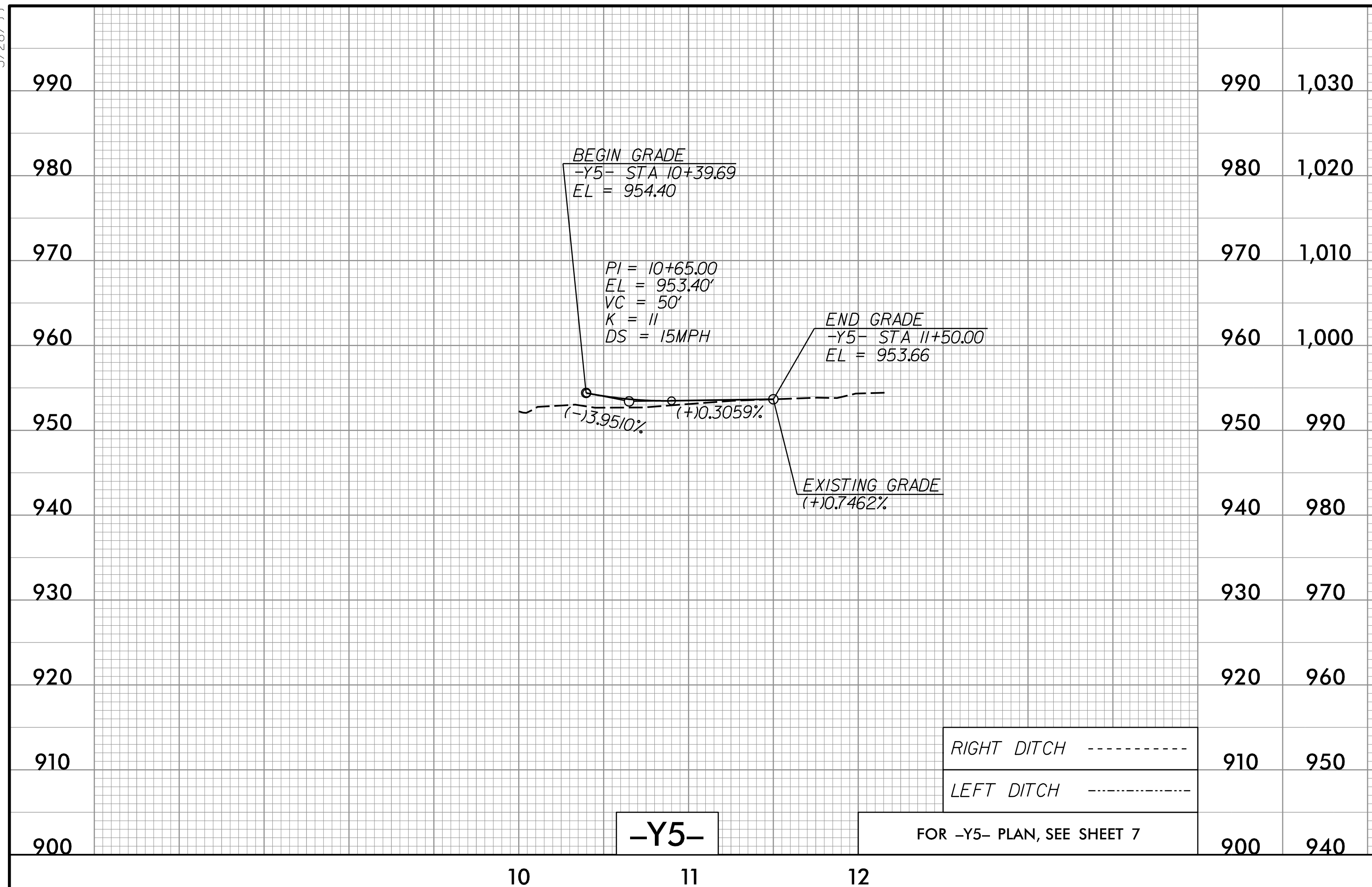
Prepared in the Office of:



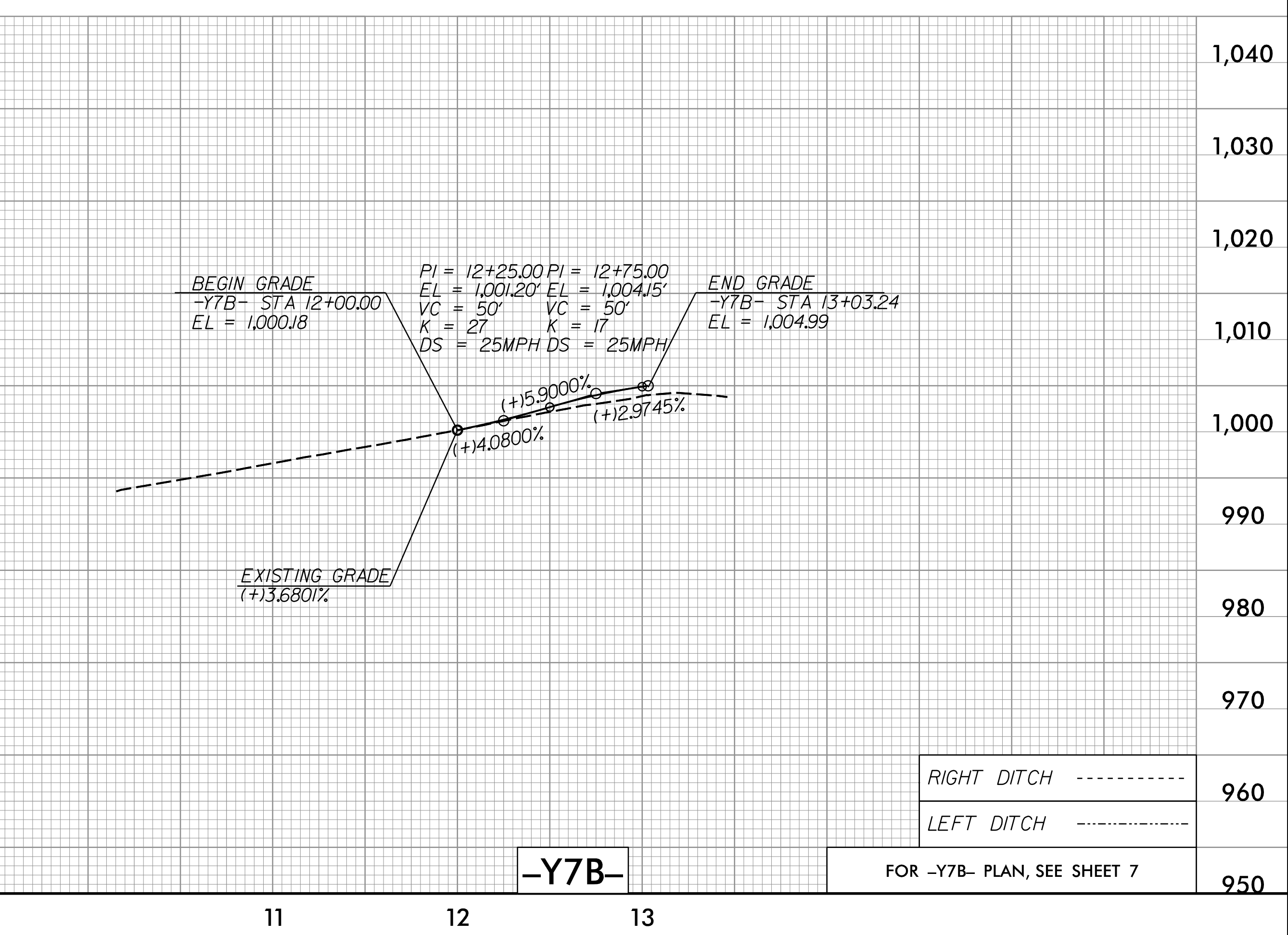
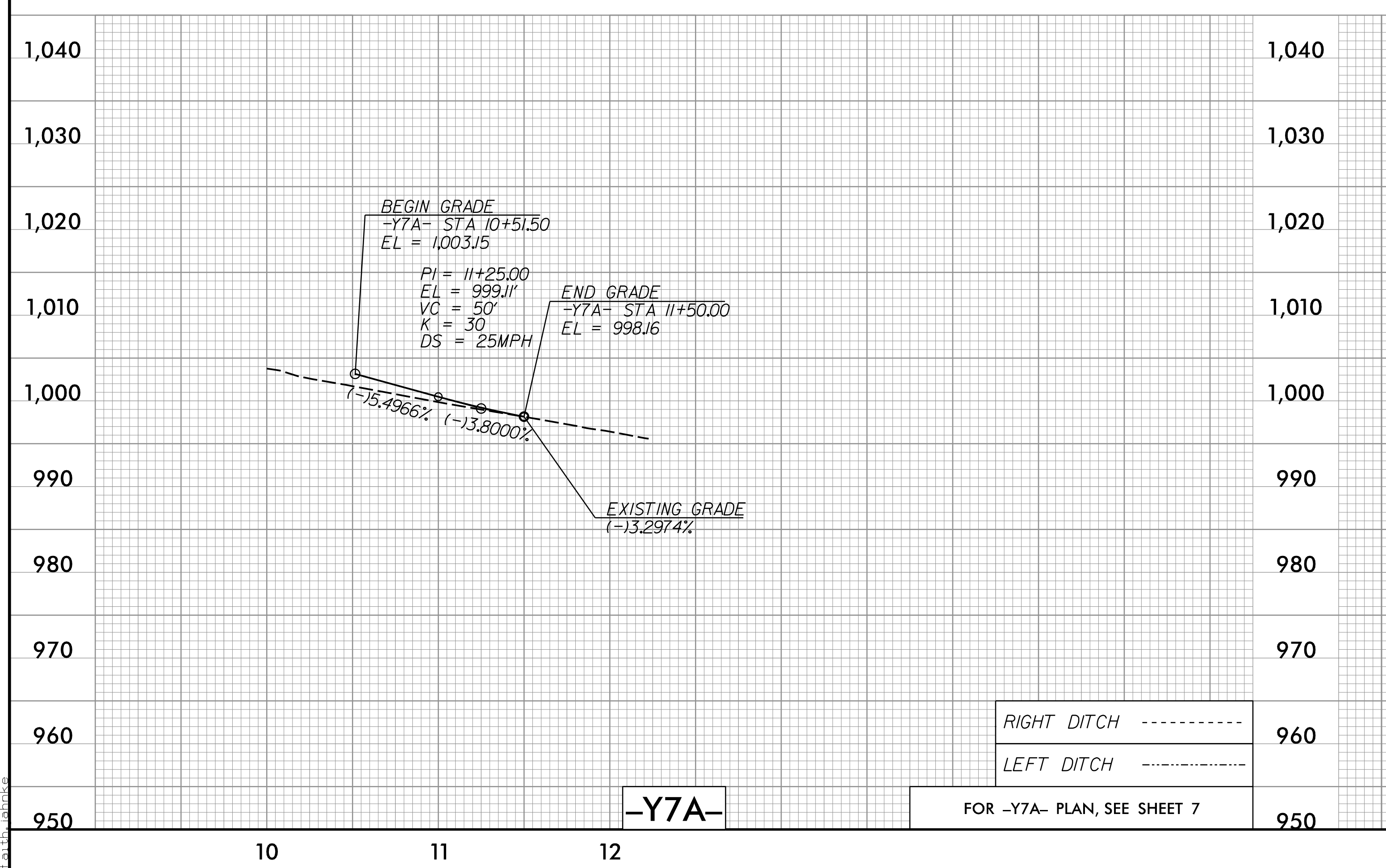
NC FIRM LICENSE No. P-0339
504 Meadows Drive
Hillsborough, NC 27278
(919) 732-5883
(919) 732-6676 (FAX)

PROJECT REFERENCE NO. U-5824	SHEET NO. 17
ROADWAY DESIGN ENGINEER 9/15/2023  FAITH E. JAHNKE ENGINEER SEAL 046981	HYDRAULICS ENGINEER 9/15/2023  HE YANG ENGINEER SEAL 054713

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

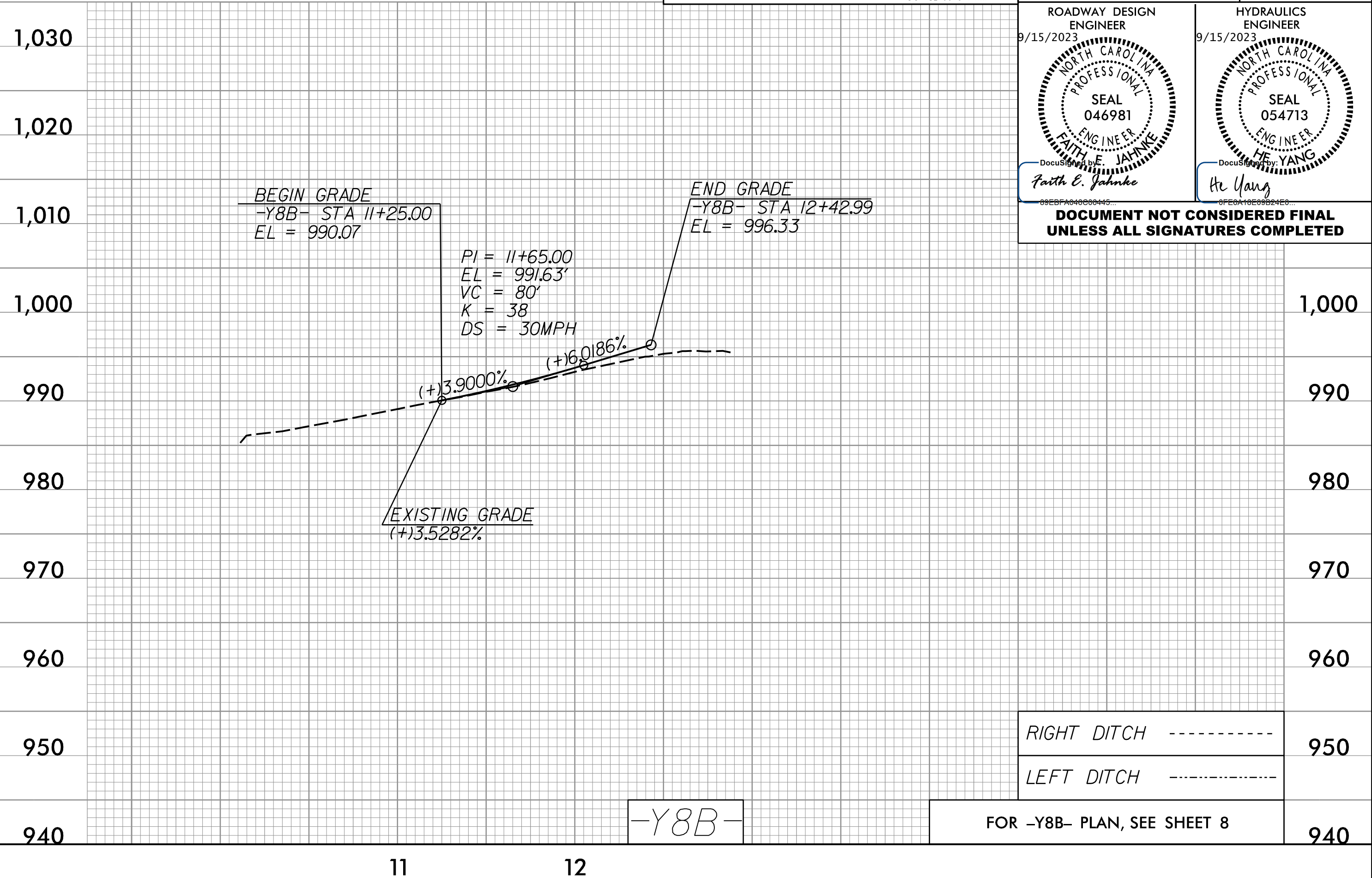
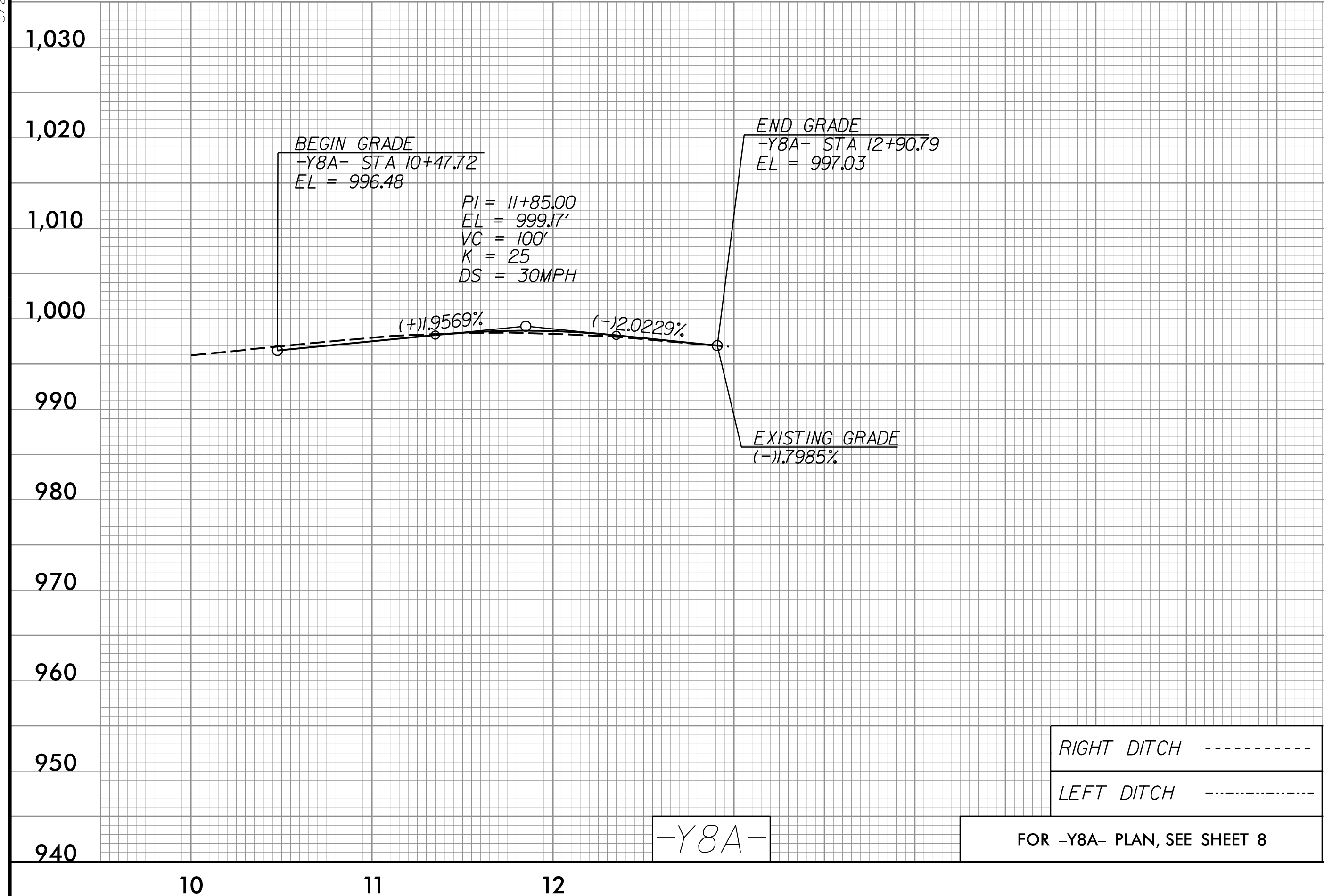


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Faith E. Jahnke

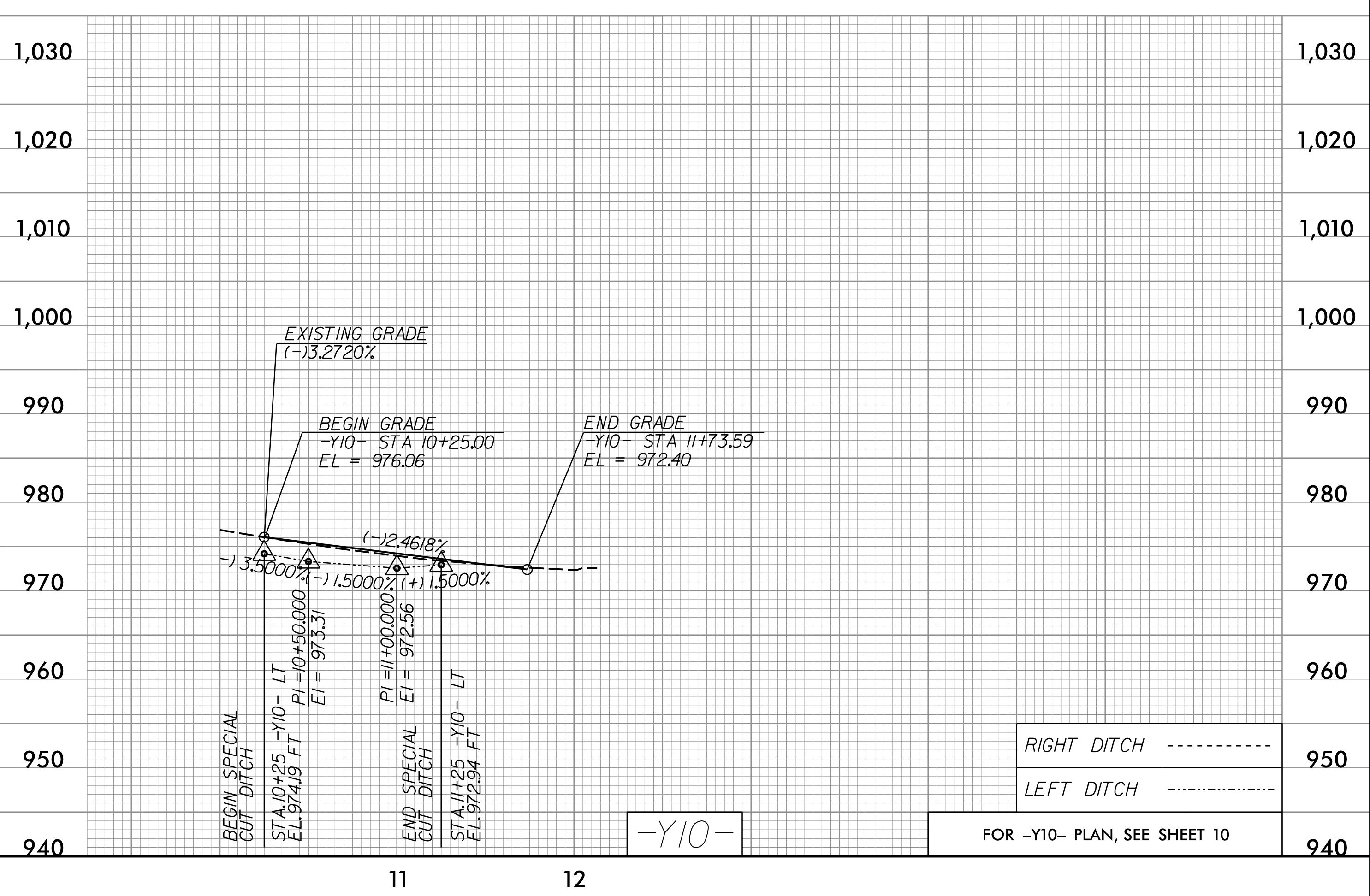
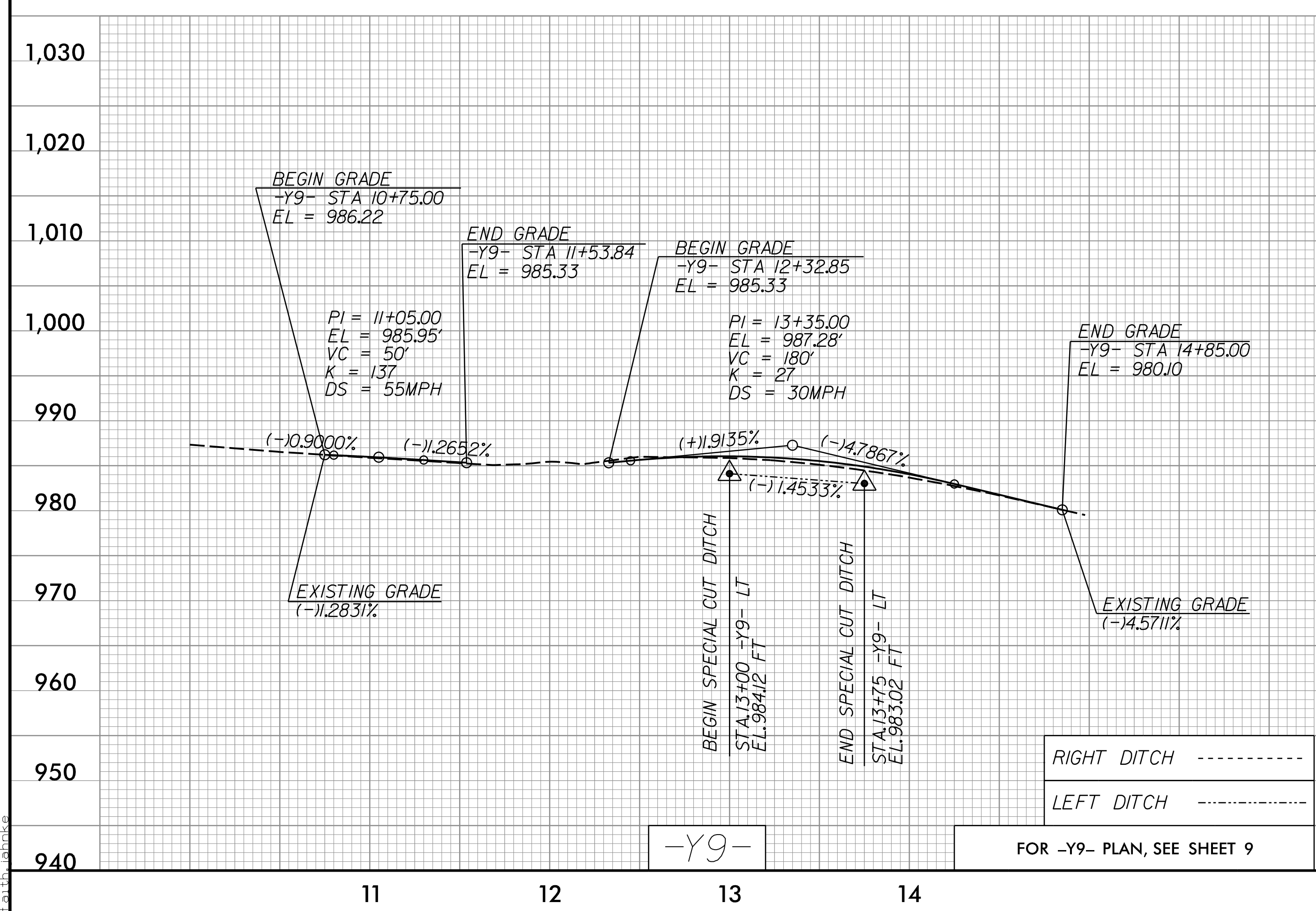


5/28/99

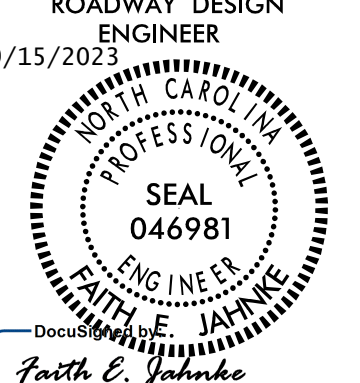
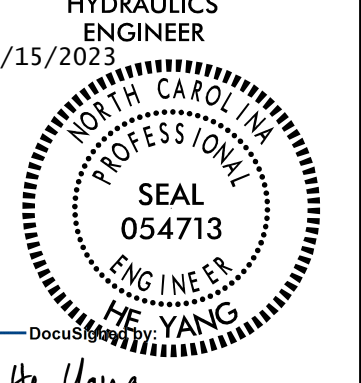
PROJECT REFERENCE NO. U-5824	SHEET NO. 18
ROADWAY DESIGN ENGINEER 9/15/2023 SEAL 046981 FAITH E. JAHNKE	HYDRAULICS ENGINEER 9/15/2023 SEAL 054713 HE YANG
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

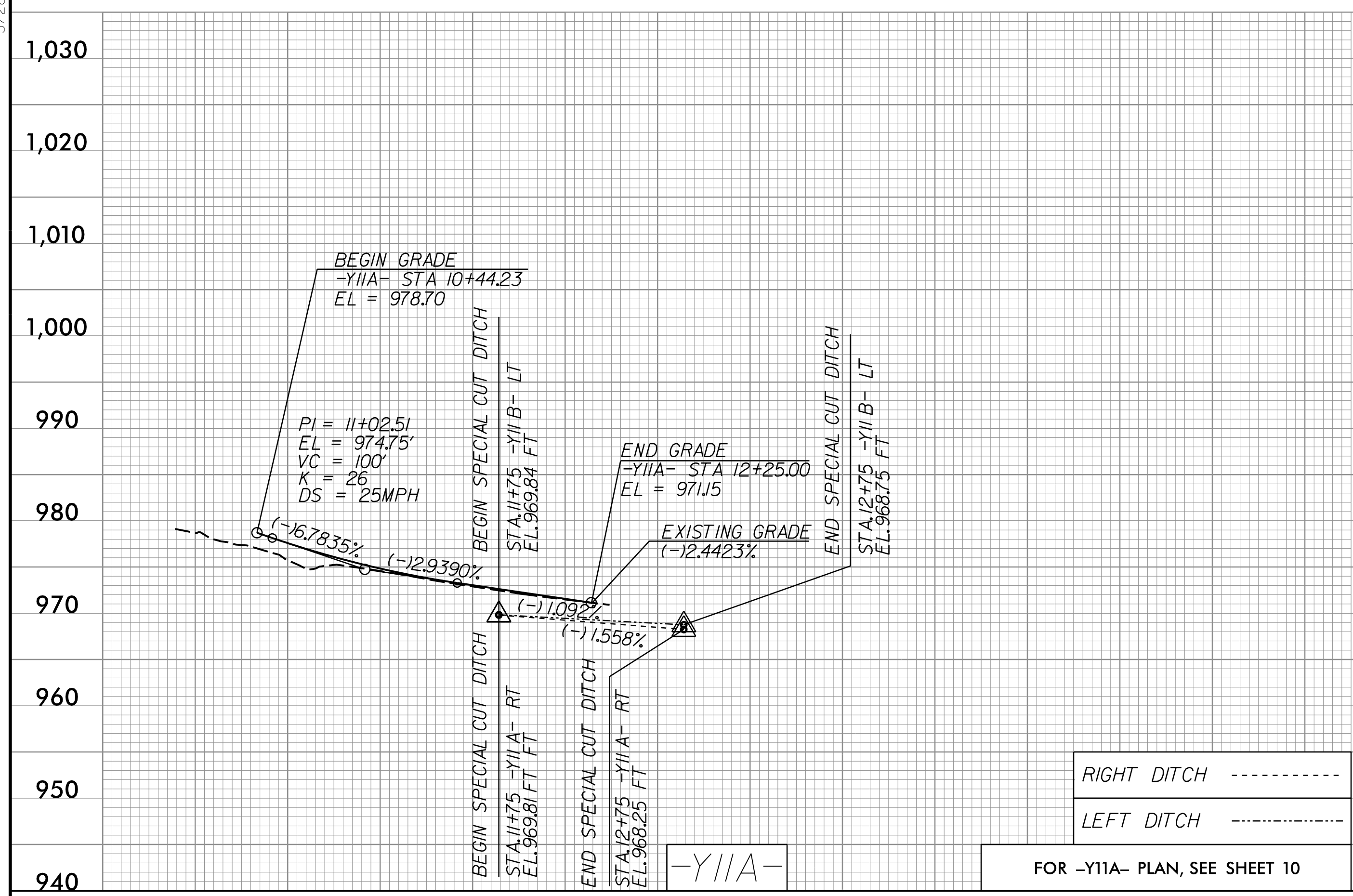


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D:\63\1_Road\118.dgn
Faith E. Jahnke



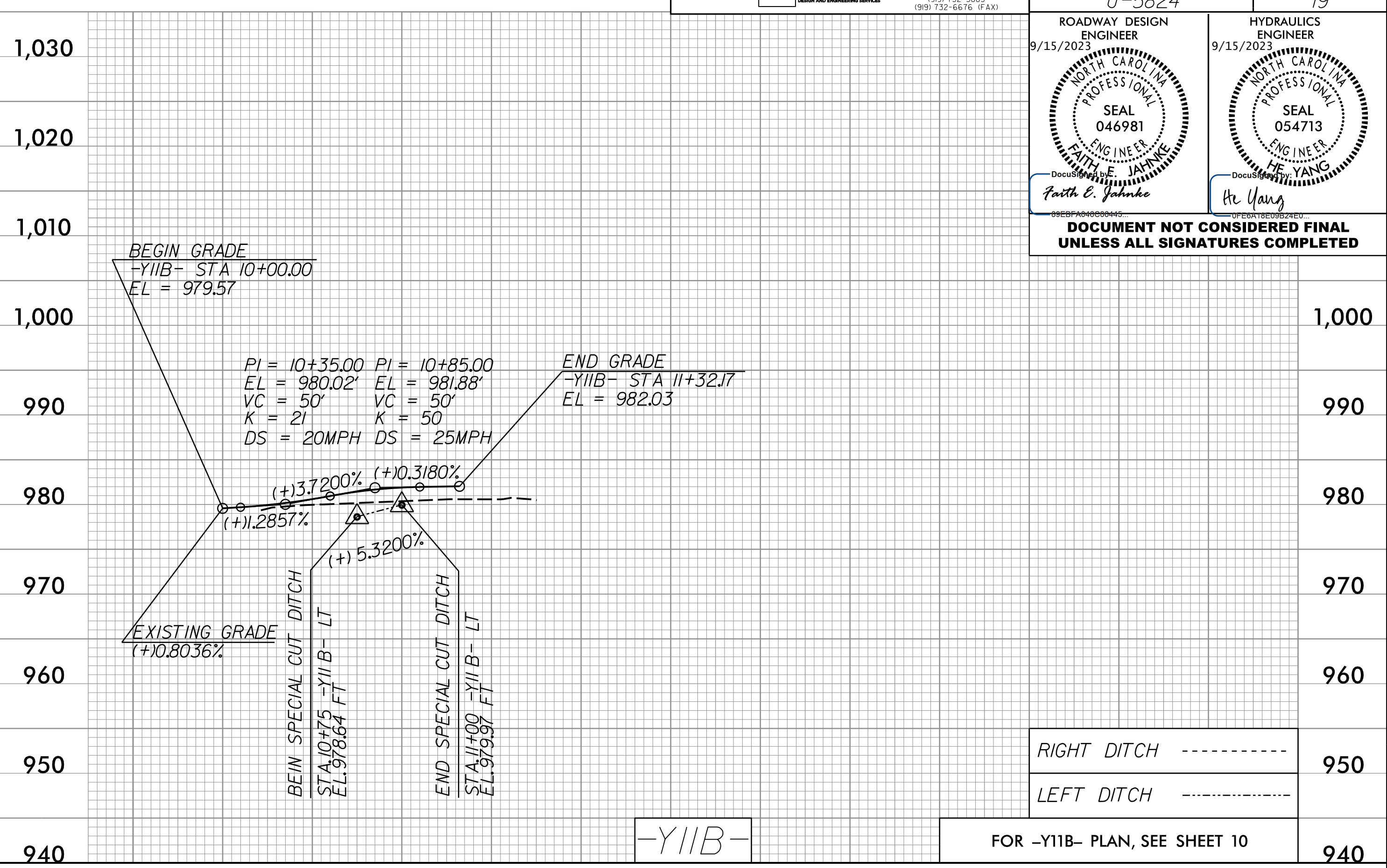
5/28/24

PROJECT REFERENCE NO. U-5824	SHEET NO. 19
ROADWAY DESIGN ENGINEER 9/15/2023  SEAL 046981 FAITH E. JAHNKE ENGINEER	HYDRAULICS ENGINEER 9/15/2023  SEAL 054713 HE YANG ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



RIGHT DITCH -----
 LEFT DITCH -----

FOR -Y11A- PLAN, SEE SHEET 10



RIGHT DITCH -----
 LEFT DITCH -----

FOR -Y11B- PLAN, SEE SHEET 10

06-SEP-2023 15:48
066% of Plot Area
Faith E. Jahnke

RIGHT DITCH -----
 LEFT DITCH -----

RIGHT DITCH -----
 LEFT DITCH -----