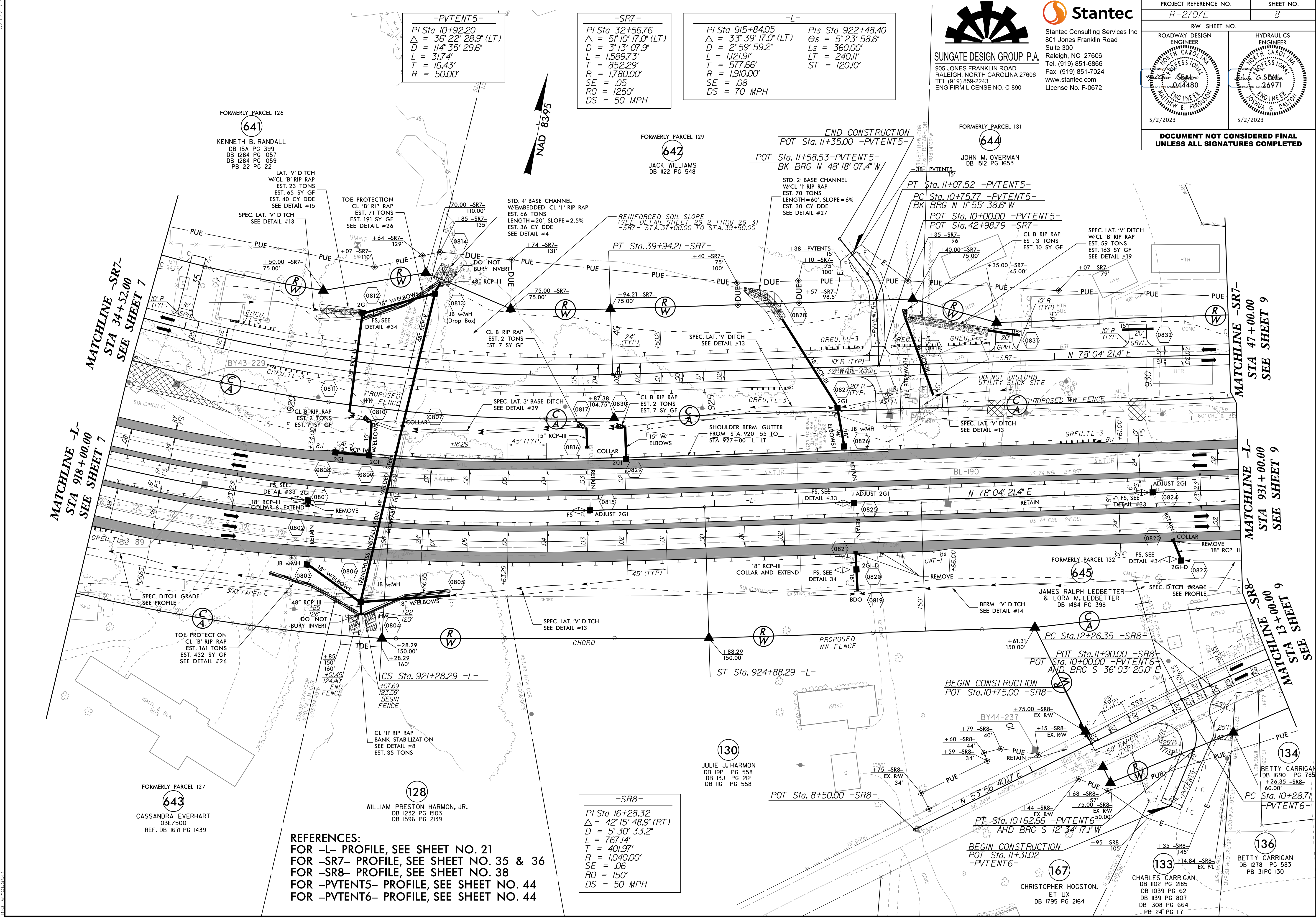


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 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 859-2243
 ENG FIRM LICENSE NO. C-890

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PROJECT REFERENCE NO. <i>R-2707E</i>		SHEET NO. <i>8</i>	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
5/2/2023		5/2/2023	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



-PVTENT5-
 PI Sta 10+92.20
 $\Delta = 36^{\circ}22'28.9''$ (LT)
 $D = 114^{\circ}35'29.6''$
 $L = 31.74'$
 $T = 16.43'$
 $R = 50.00'$

-SR7-
 PI Sta 32+56.76
 $\Delta = 5^{\circ}10'17.0''$ (LT)
 $D = 3^{\circ}13'07.9''$
 $L = 1,589.73'$
 $T = 852.29'$
 $R = 1,780.00'$
 $SE = .05$
 $RO = 1250'$
 $DS = 50$ MPH

-L-
 PI Sta 915+84.05
 $\Delta = 33^{\circ}39'17.0''$ (LT)
 $D = 2^{\circ}59'59.2''$
 $L = 1,121.91'$
 $T = 577.66'$
 $R = 1,910.00'$
 $SE = .08$
 $DS = 70$ MPH

PIs Sta 922+48.40
 $\Theta_s = 5^{\circ}23'58.6''$
 $L_s = 360.00'$
 $LT = 240.11'$
 $ST = 120.10'$

-SR8-
 PI Sta 16+28.32
 $\Delta = 42^{\circ}15'48.9''$ (RT)
 $D = 5^{\circ}30'33.2''$
 $L = 767.14'$
 $T = 401.97'$
 $R = 1,040.00'$
 $SE = .06$
 $RO = 150'$
 $DS = 50$ MPH

REFERENCES:
 FOR -L- PROFILE, SEE SHEET NO. 21
 FOR -SR7- PROFILE, SEE SHEET NO. 35 & 36
 FOR -SR8- PROFILE, SEE SHEET NO. 38
 FOR -PVTENT5- PROFILE, SEE SHEET NO. 44
 FOR -PVTENT6- PROFILE, SEE SHEET NO. 44

5/2/2023 c:\users\mferguson\documents\pwworking\ng\dms43124\2707E_RDY_PSH08.dgn
 mferguson

8.17/7.99

<p>-L-</p> <p>Pls Sta 933+76.53 $\Delta s = 3' 24" 42.3"$ $Ls = 315.00'$ $LT = 210.04'$ $ST = 105.04'$</p>	<p>-Y46-</p> <p>Pls Sta 937+43.44 $\Delta = 11' 18" 42.8" (RT)$ $D = 2' 09" 58.3"$ $L = 522.20'$ $T = 261.95'$ $R = 2,645.00'$ $SE = .07$ $DS = 70 MPH$</p>	<p>-SR7-</p> <p>Pls Sta 941+08.72 $\Delta s = 3' 24" 42.3"$ $Ls = 315.00'$ $LT = 210.04'$ $ST = 105.04'$</p>	<p>-SR7-</p> <p>Pls Sta 53+77.14 $\Delta = 18' 08" 07.4" (RT)$ $D = 2' 00" 00.0"$ $L = 906.77'$ $T = 457.21'$ $R = 2,864.79'$ $SE = .04$ $RO = 100'$ $DS = 50 MPH$</p>	<p>-Y46-</p> <p>Pls Sta 12+99.99 $\Delta = 8' 26" 26.5" (RT)$ $D = 5' 40" 22.3"$ $L = 148.79'$ $T = 74.53'$ $R = 1,010.00'$ $SE = .04$ $RO = 84'$ $DS = 40 MPH$</p>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>-SR8-</p> <p>Pls Sta 16+28.32 $\Delta = 42' 15" 48.9" (RT)$ $D = 5' 30" 33.2"$ $L = 767.14'$ $T = 401.97'$ $R = 1,040.00'$ $SE = .06$ $RO = 150'$ $DS = 50 MPH$</p>

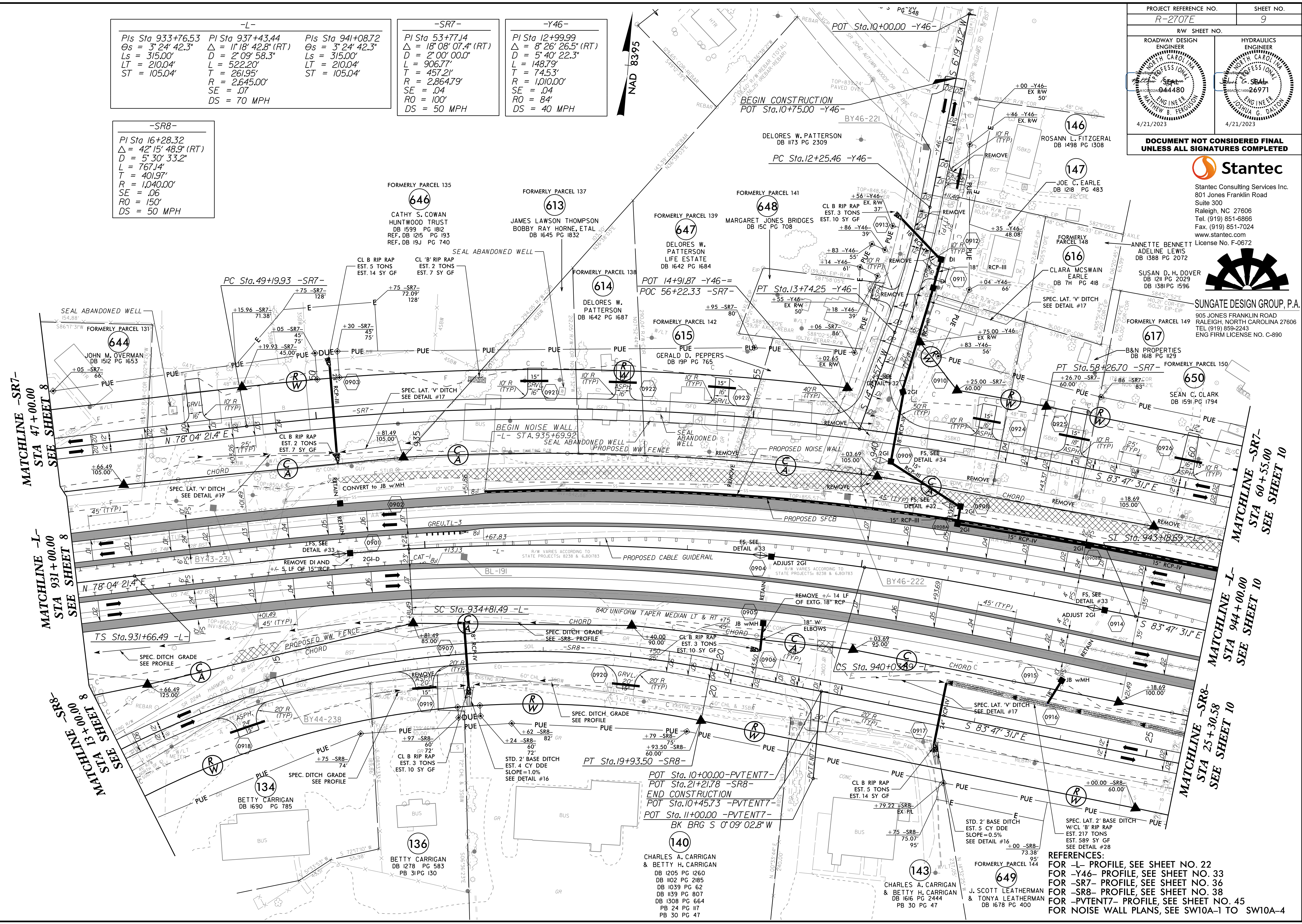
PROJECT REFERENCE NO. R-2707E	SHEET NO. 9
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	PROFESSIONAL ENGINEER
4/21/2023	4/21/2023
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

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POT Sta. 10+00.00 -PVENT7-
 POT Sta. 21+21.78 -SR8-
 END CONSTRUCTION
 POT Sta. 10+45.73 -PVENT7-
 POT Sta. 11+00.00 -PVENT7-
 BK BRG S 0'09" 02.8" W

140
 CHARLES A. CARRIGAN & BETTY H. CARRIGAN
 DB 1205 PG 1260
 DB 1102 PG 2185
 DB 1039 PG 62
 DB 1139 PG 807
 DB 1308 PG 664
 PB 24 PG 117
 PB 30 PG 47

REFERENCES:
 FOR -L- PROFILE, SEE SHEET NO. 22
 FOR -Y46- PROFILE, SEE SHEET NO. 33
 FOR -SR7- PROFILE, SEE SHEET NO. 36
 FOR -SR8- PROFILE, SEE SHEET NO. 38
 FOR -PVENT7- PROFILE, SEE SHEET NO. 45
 FOR NOISE WALL PLANS, SEE SW10A-1 TO SW10A-4

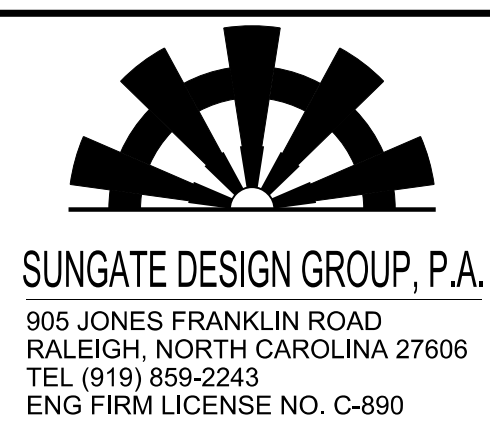
4/16/2023 4:16:23 \\mcferguson\documents\p...working\dms43124\2707E_RDY_PSH091.dgn

8/17/23

4/16/2023
c:\users\moferguson\documents\pwworking\dms43124\2707E_RDY_PSH10.dgn
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-SR7-

PI Sta 74+83.67
 $\Delta = 17^{\circ} 55' 53.6" (LT)$
 $D = 3^{\circ} 13' 07.9"$
 $L = 557.08'$
 $T = 280.83'$
 $R = 1,780.00'$
 $SE = .05$
 $RO = 120'$
 $DS = 50 MPH$



PROJECT REFERENCE NO. R-2707E	SHEET NO. 10
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
4/21/2023	4/21/2023
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

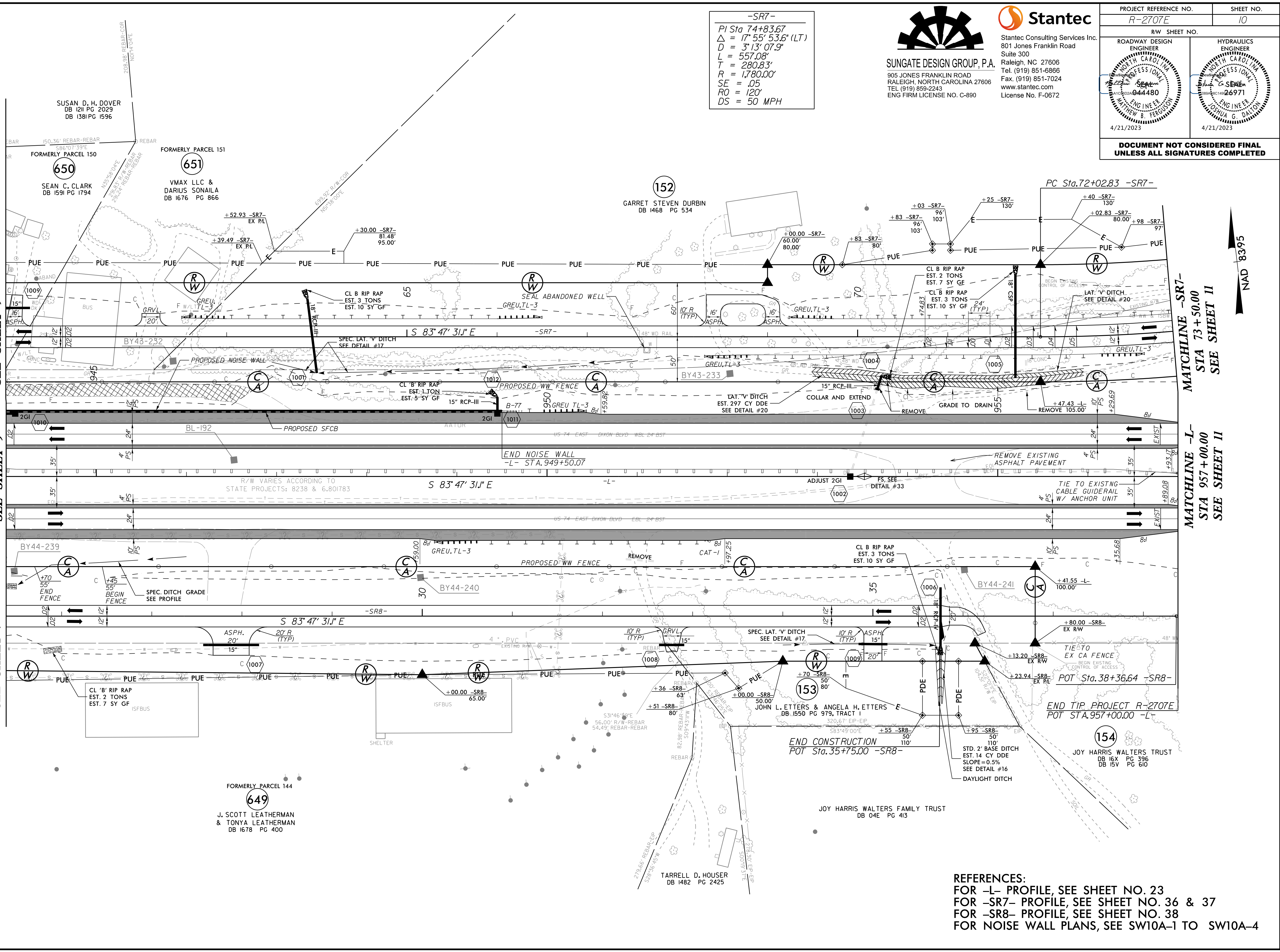
MATCHLINE -SR7-
 STA 60+55.00
 SEE SHEET 9

MATCHLINE -L-
 STA 944+00.00
 SEE SHEET 9

MATCHLINE -SR8-
 STA 25+30.58
 SEE SHEET 9

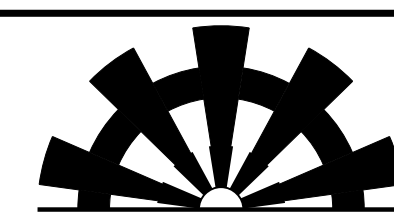
MATCHLINE -SR7-
 STA 73+50.00
 SEE SHEET 11

MATCHLINE -L-
 STA 957+00.00
 SEE SHEET 11



REFERENCES:
 FOR -L- PROFILE, SEE SHEET NO. 23
 FOR -SR7- PROFILE, SEE SHEET NO. 36 & 37
 FOR -SR8- PROFILE, SEE SHEET NO. 38
 FOR NOISE WALL PLANS, SEE SW10A-1 TO SW10A-4

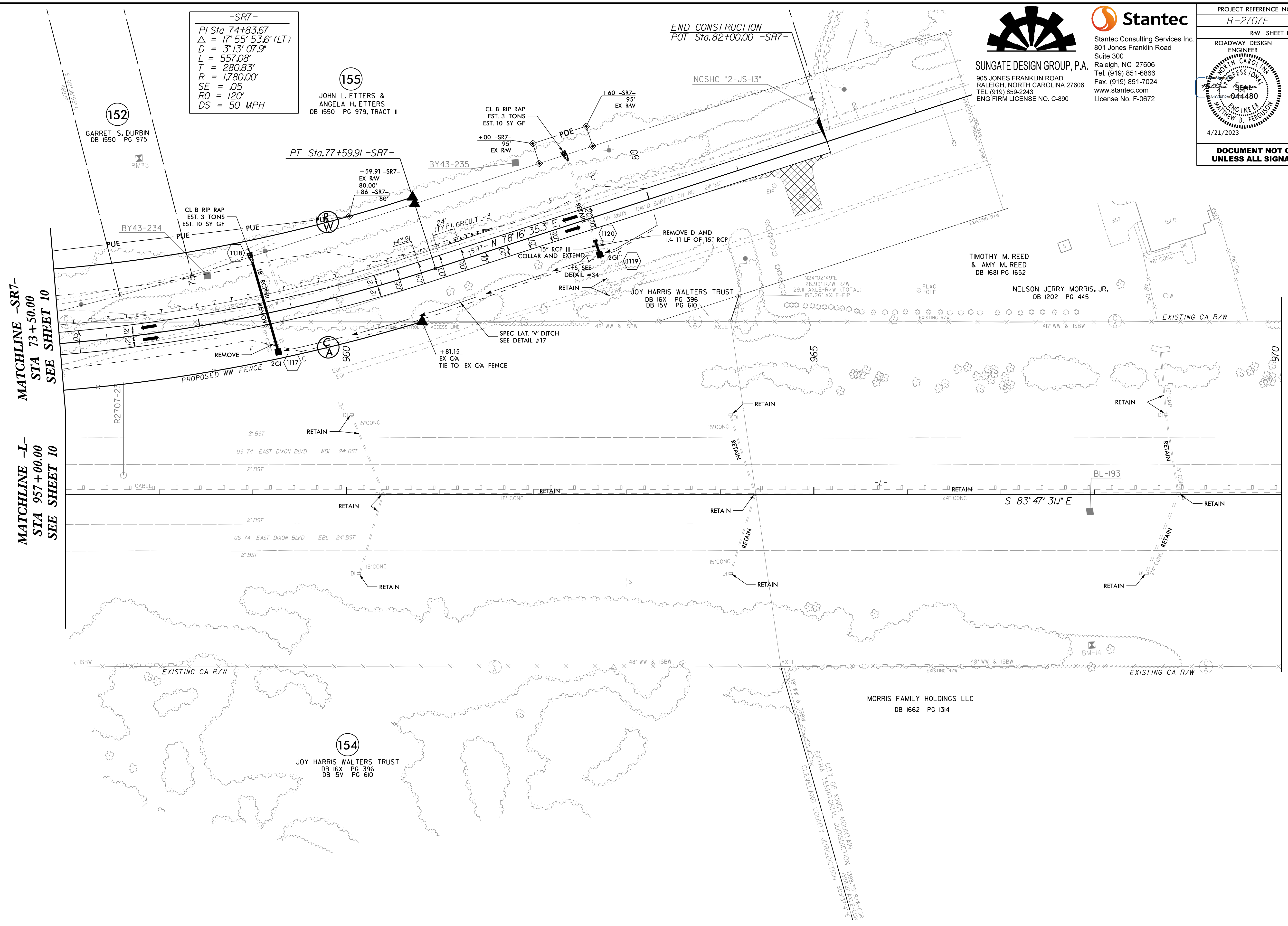
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PROJECT REFERENCE NO. R-2707E	SHEET NO. 11
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



MATCHLINE -SR7-
STA 73+50.00
SEE SHEET 10

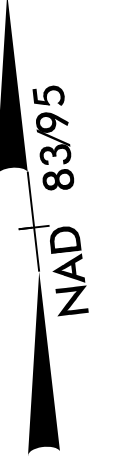
MATCHLINE -L-
STA 957+00.00
SEE SHEET 10

MATCHLINE -L-
STA 970+00.00
SEE SHEET 12

-SR7-
 PI Sta 74+83.67
 $\Delta = 17^{\circ} 55' 53.6" (LT)$
 $D = 3^{\circ} 13' 07.9"$
 $L = 557.08'$
 $T = 280.83'$
 $R = 1,780.00'$
 $SE = .05$
 $RO = 120'$
 $DS = 50 MPH$

155
 JOHN L. ETTERS &
 ANGELA H. ETTERS
 DB 1550 PG 979, TRACT II

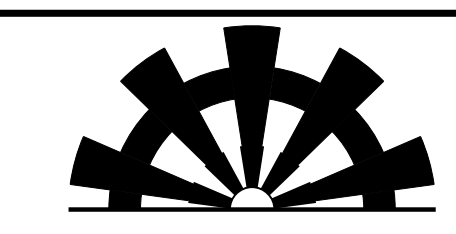
END CONSTRUCTION
 POT Sta. 82+00.00 -SR7-



4/16/2023
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REFERENCES:
 FOR -L- PROFILE, SEE SHEET NO. 24
 FOR -SR7- PROFILE, SEE SHEET NO. 17

8.17.19



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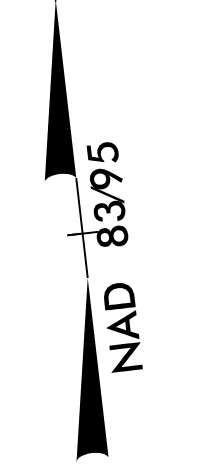
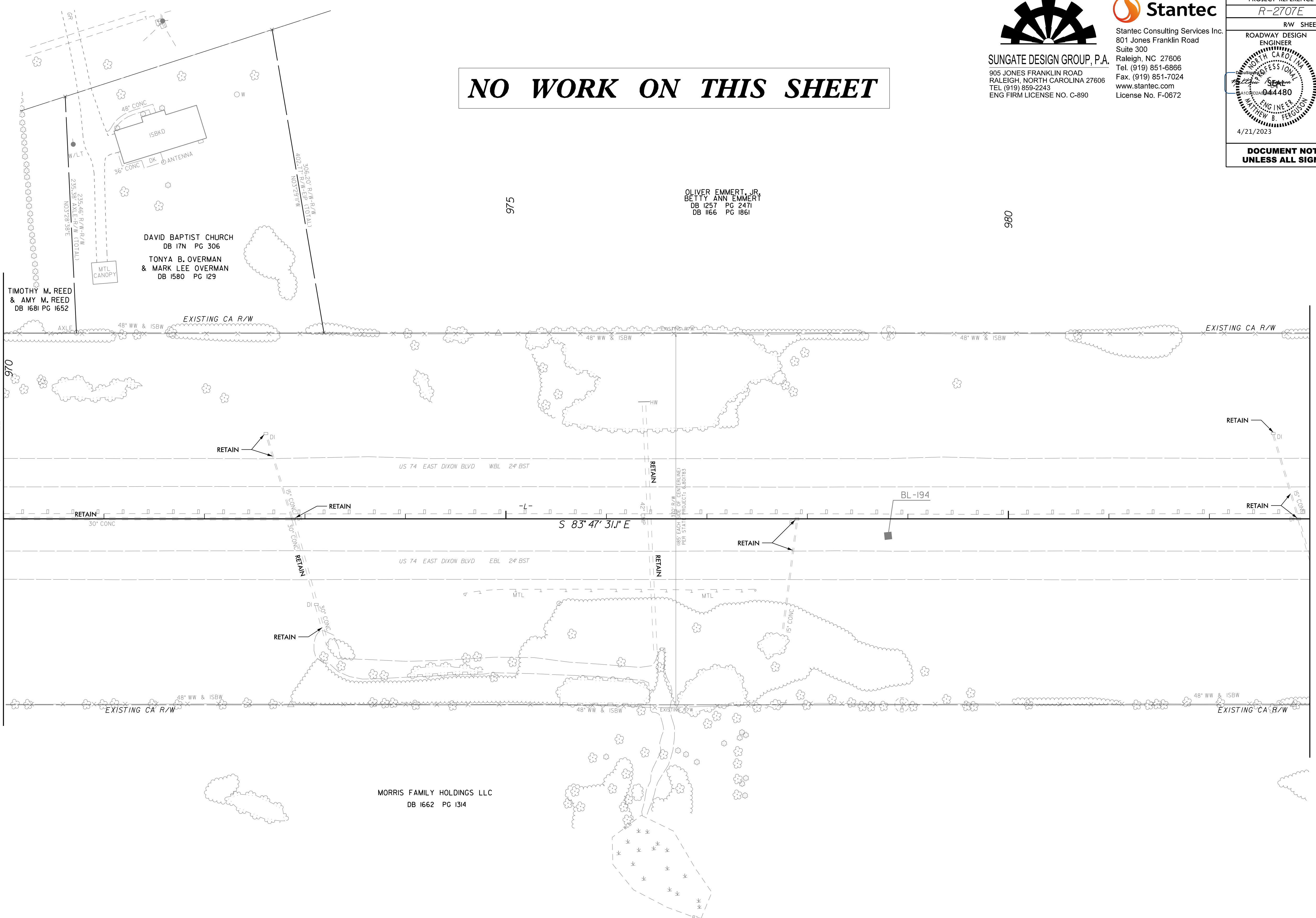
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PROJECT REFERENCE NO. <i>R-2707E</i>		SHEET NO. 12	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER MATTHEW B. FERGUSON PROFESSIONAL ENGINEER 044480 4/21/2023		HYDRAULICS ENGINEER JOSHUA G. DALTON PROFESSIONAL ENGINEER 14926971 4/21/2023	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NO WORK ON THIS SHEET

MATCHLINE -L-
STA 970 + 00.00 SEE SHEET 11

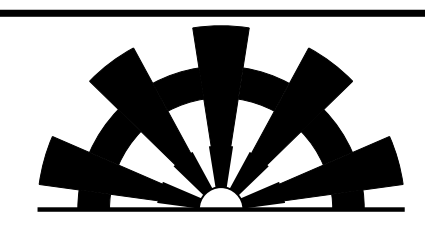
MATCHLINE -L-
STA 983 + 00.00 SEE SHEET 13



4/16/2023
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mferguson

8/17/99

NO WORK ON THIS SHEET



KINGS MOUNTAIN DISTRICT SCHOOLS
DB 15-1 PG 420
DB 8A PG 76
DB S-1 PG 259
DB 5X PG 639
DB 1376 PG 2293

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PROJECT REFERENCE NO. <i>R-2707E</i>		SHEET NO. <i>13</i>	
RW SHEET NO.		HYDRAULICS ENGINEER	
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

JAMES KENNETH BELL
EVELYN BELL
DB 990 PG 456

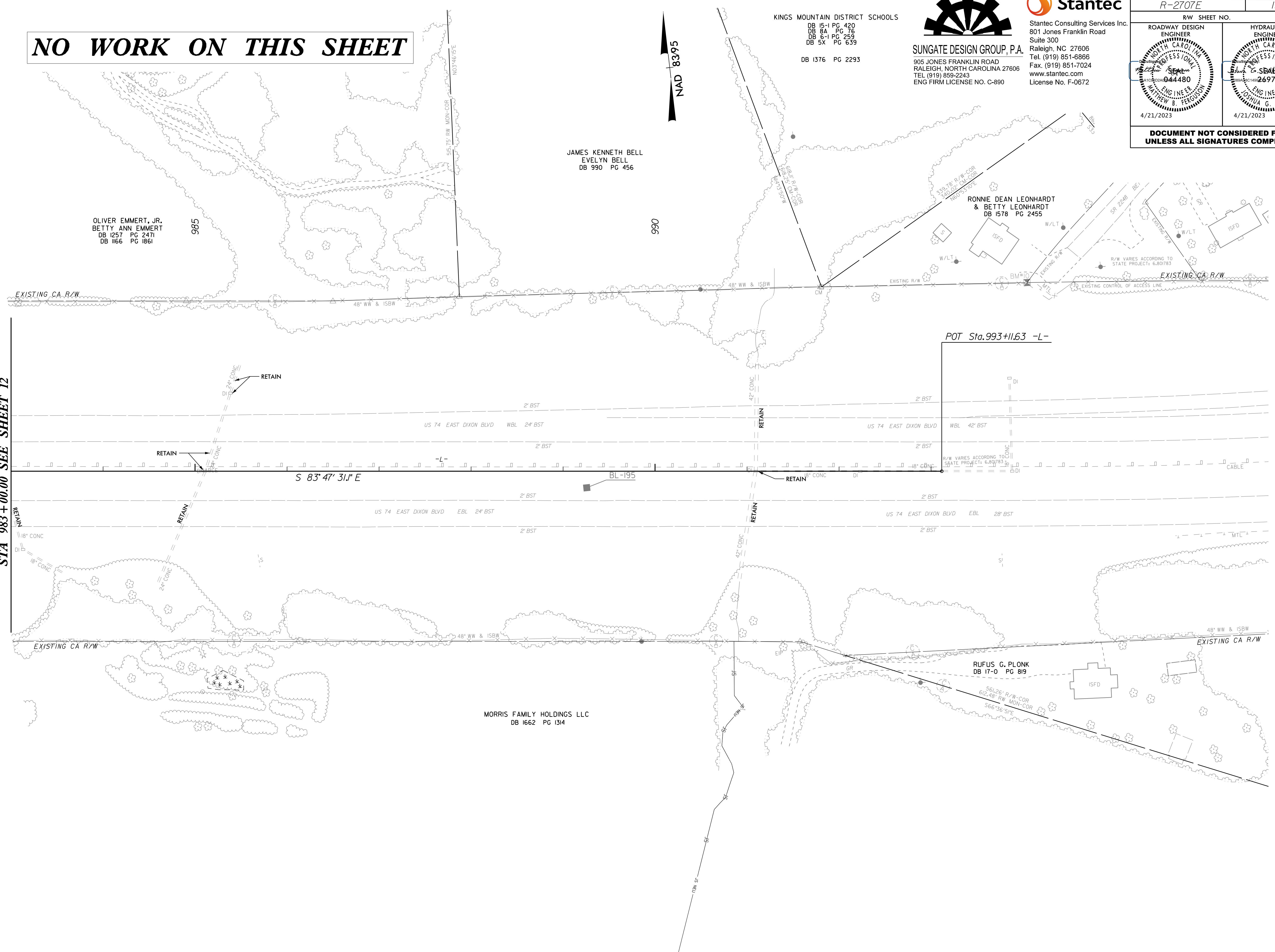
RONNIE DEAN LEONHARDT
& BETTY LEONHARDT
DB 1578 PG 2455

OLIVER EMMERT, JR.
BETTY ANN EMMERT
DB 1257 PG 2471
DB 1166 PG 1861

MORRIS FAMILY HOLDINGS LLC
DB 1662 PG 1314

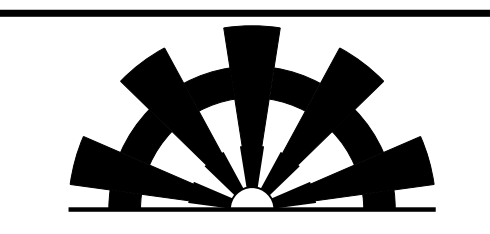
MATCHLINE -L-
STA 983+00.00 SEE SHEET 12

POT Sta.993+11.63 -L-



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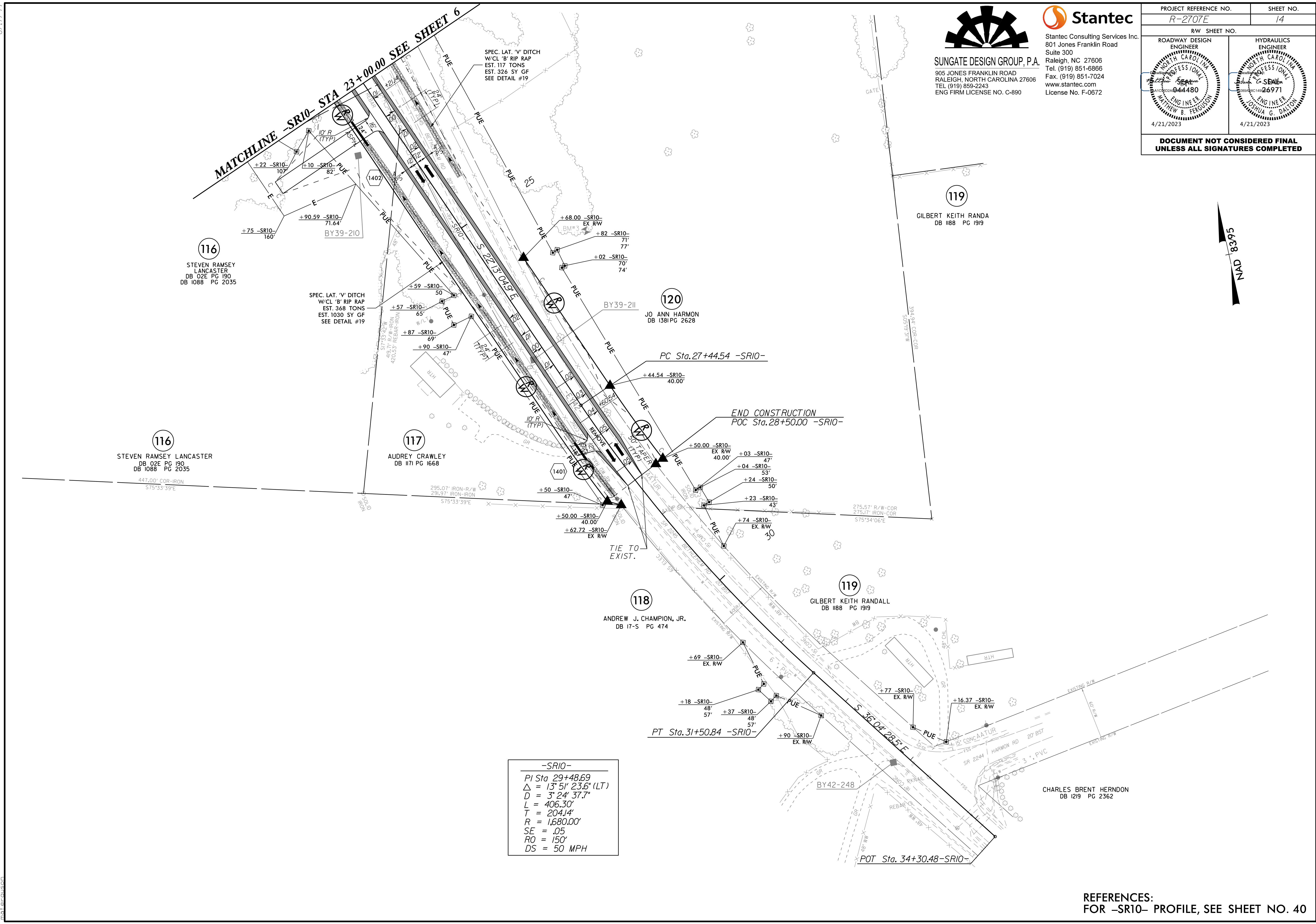


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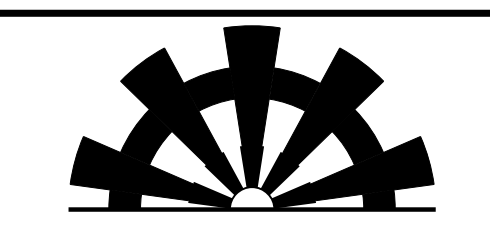
PROJECT REFERENCE NO. R-2707E	SHEET NO. 14
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



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REFERENCES:
FOR -SR10- PROFILE, SEE SHEET NO. 40

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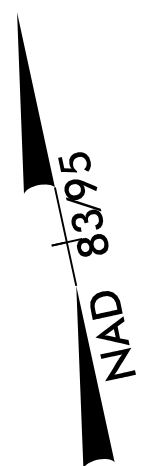
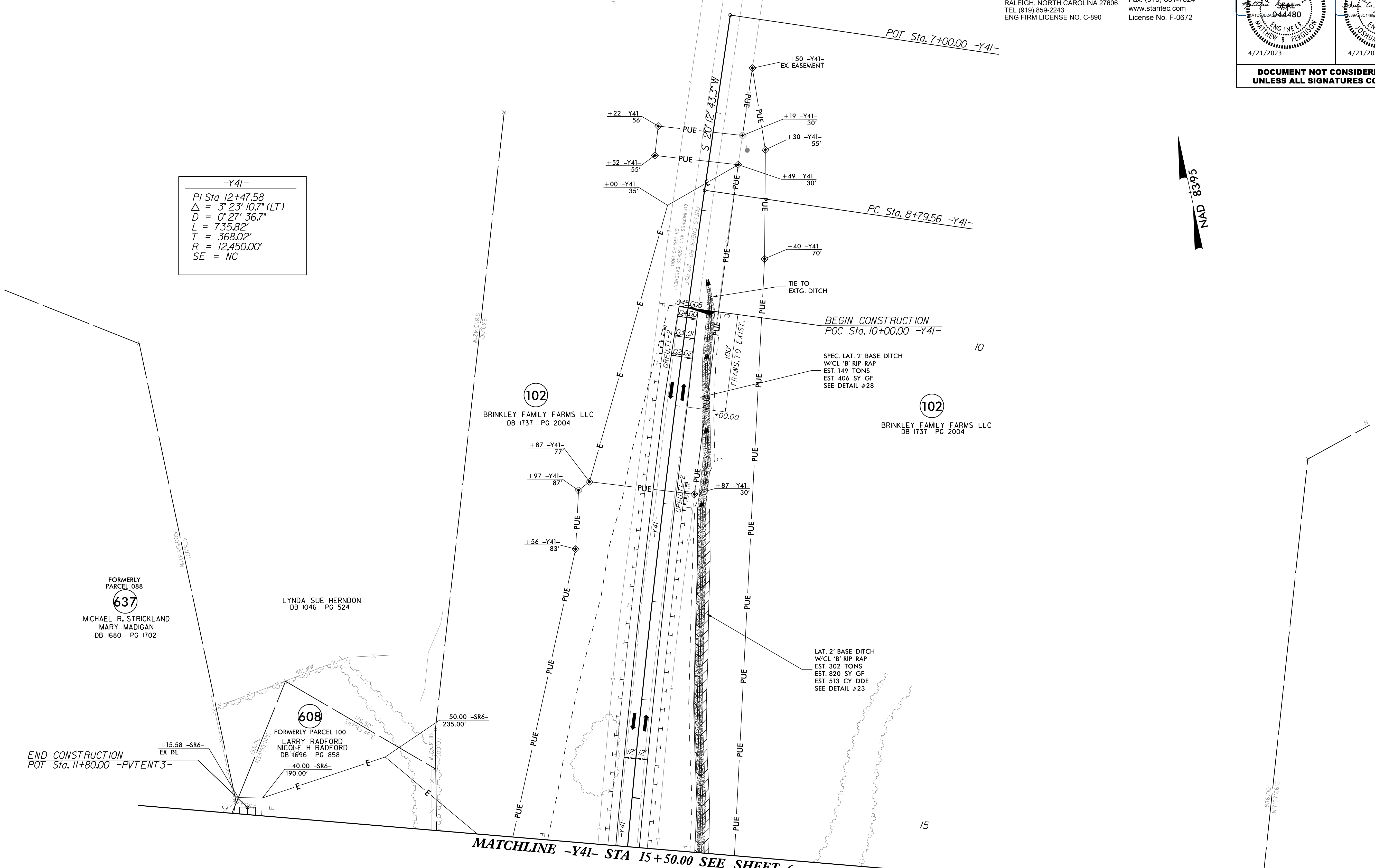


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PROJECT REFERENCE NO. R-2707E	SHEET NO. 15
RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

-Y41-

PI Sta 12+47.58
 $\Delta = 3^{\circ} 23' 10.7''$ (LT)
 $D = 0^{\circ} 27' 36.7''$
 $L = 735.82'$
 $T = 368.02'$
 $R = 12,450.00'$
 $SE = NC$

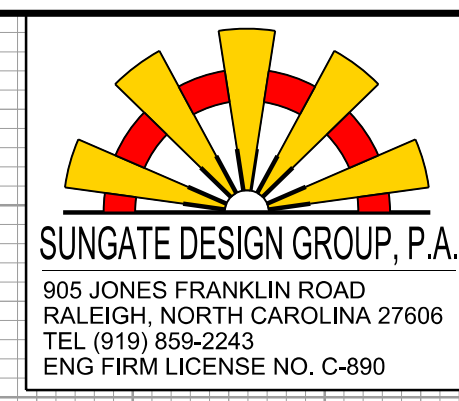


4/16/2023
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REFERENCES:
FOR -Y41- PROFILE, SEE SHEET NO. 32

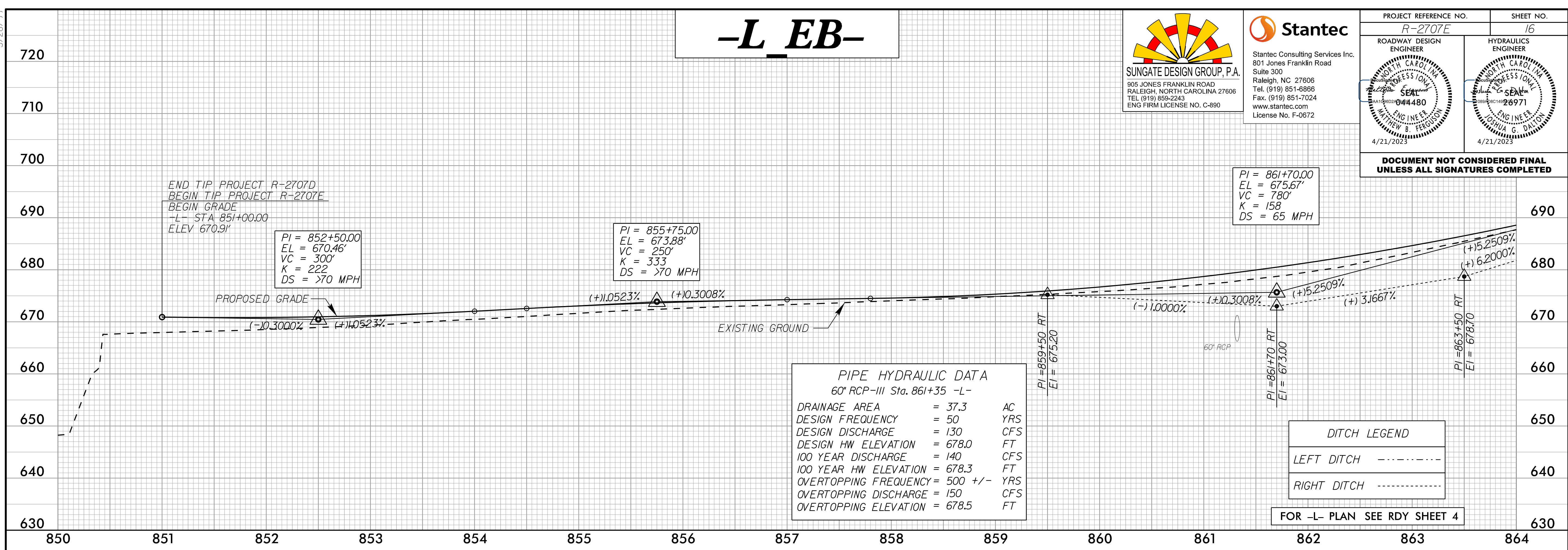
5/28/2023

-L_EB-



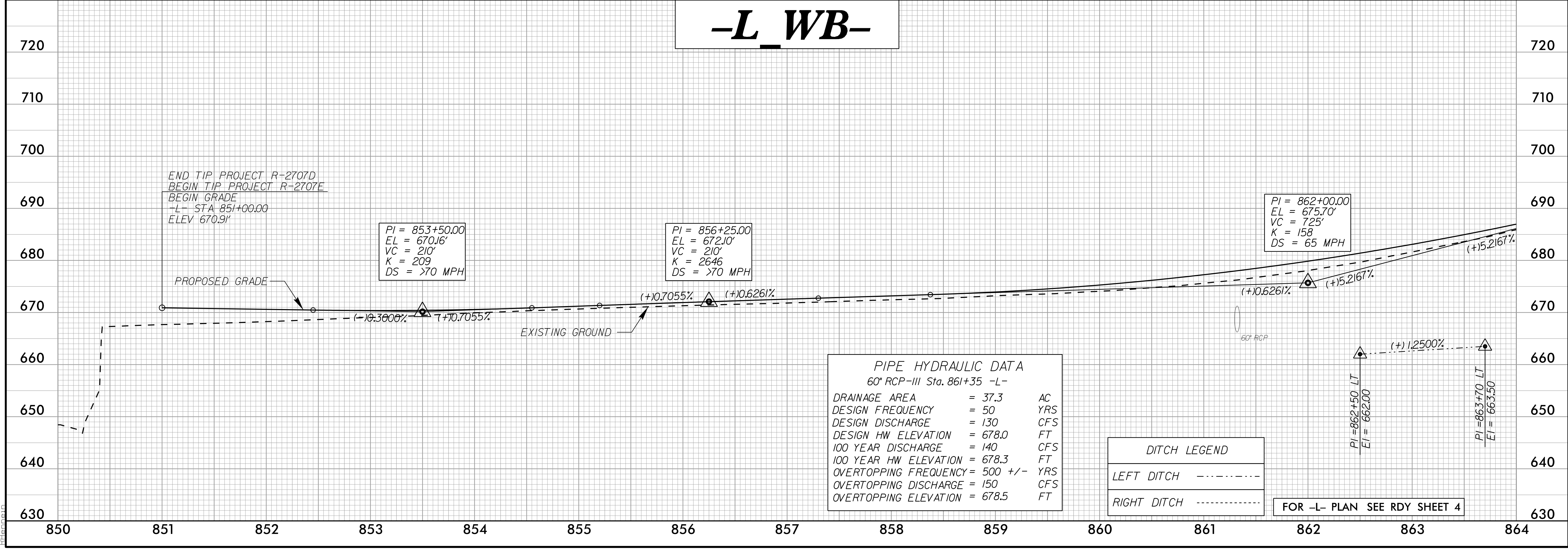
PROJECT REFERENCE NO. R-2707E	SHEET NO. 16
ROADWAY DESIGN ENGINEER MATTHEW B. FERGIUS 044480 4/21/2023	HYDRAULICS ENGINEER JOHN G. DALTON 26971 4/21/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



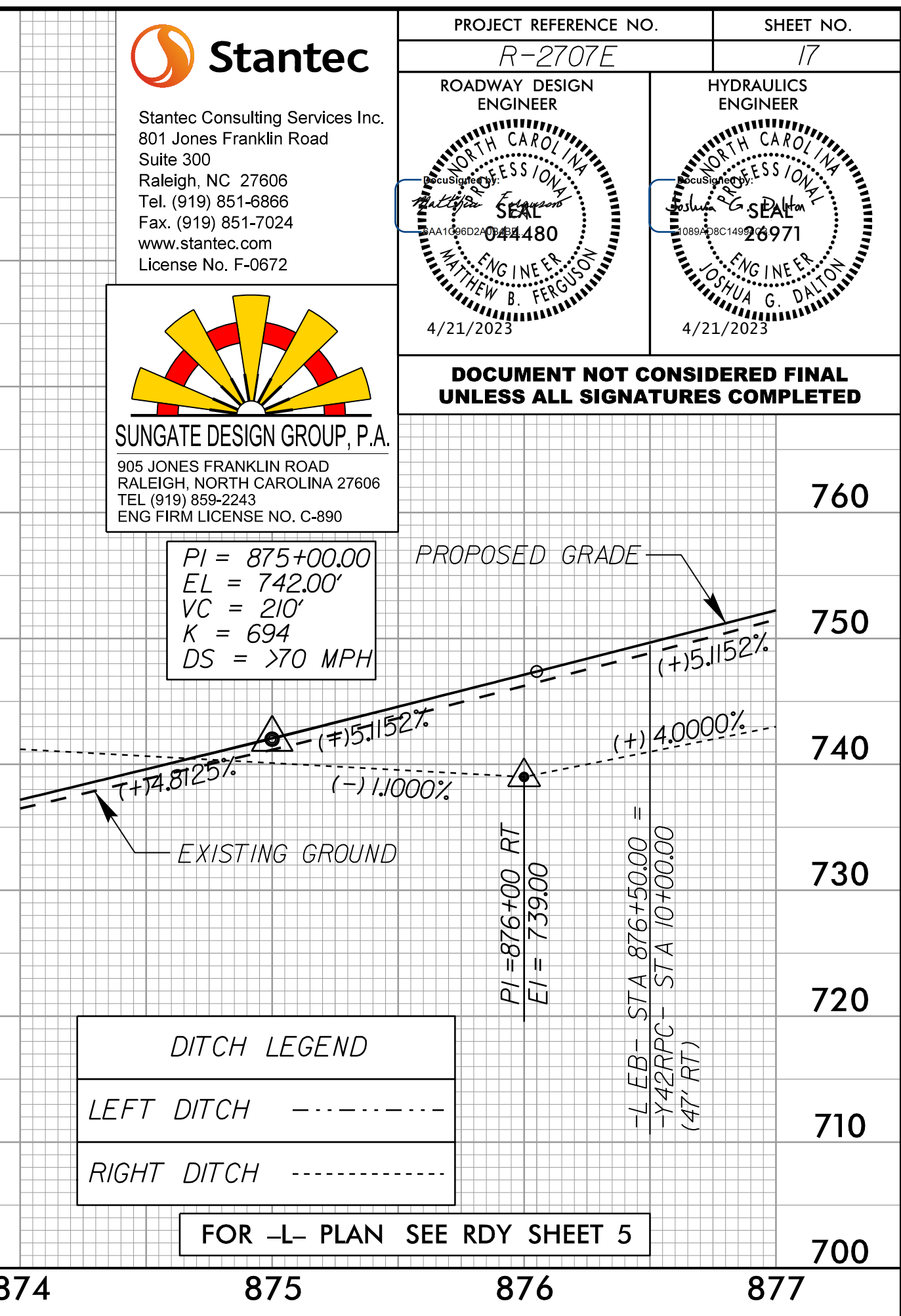
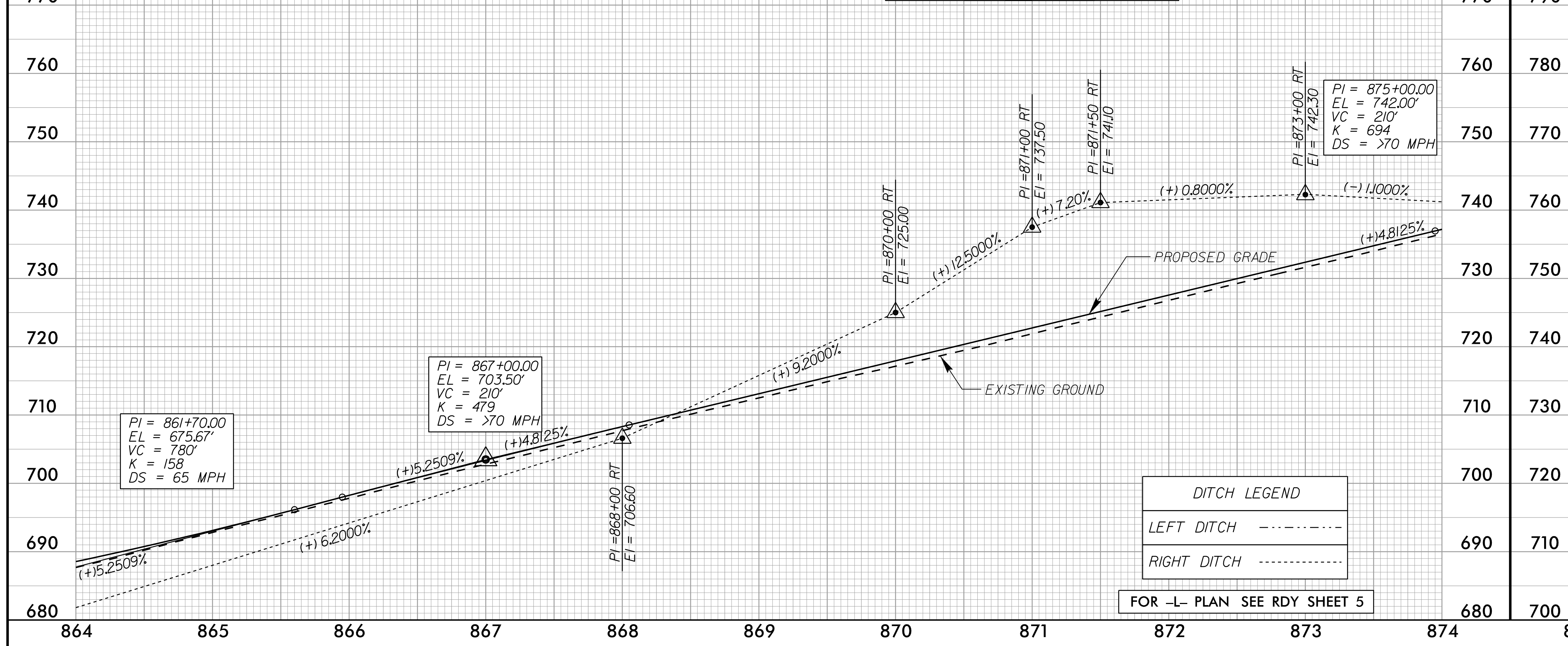
-L_WB-

3/30/2023
37130_20023
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5/28/24

-L_EB-



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PROJECT REFERENCE NO. R-2707E	SHEET NO. 17
ROADWAY DESIGN ENGINEER SEAL 044480 4/21/2023	HYDRAULICS ENGINEER SEAL 26971 4/21/2023

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PI = 875+00.00
 EL = 742.00'
 VC = 210'
 K = 694
 DS = >70 MPH

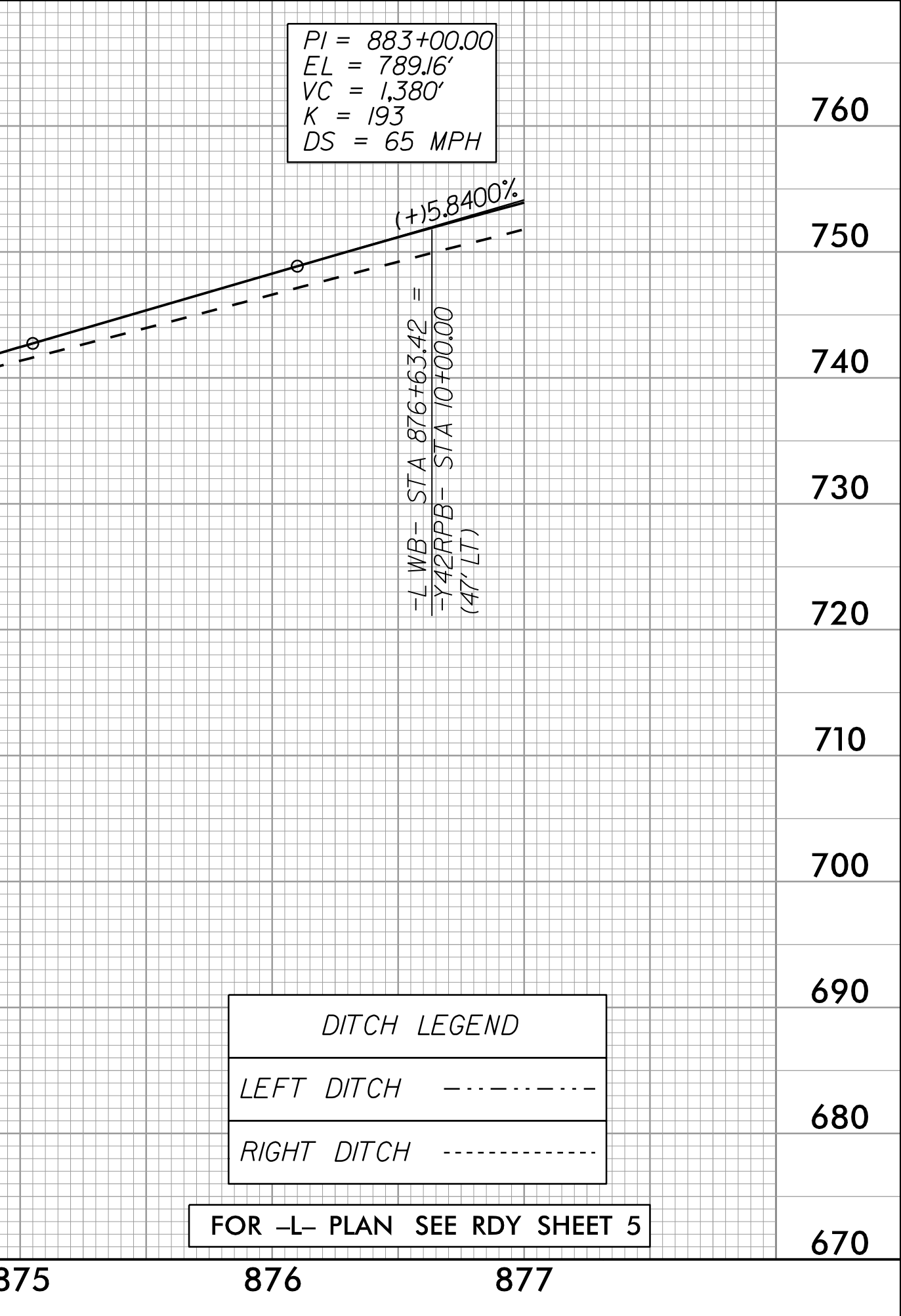
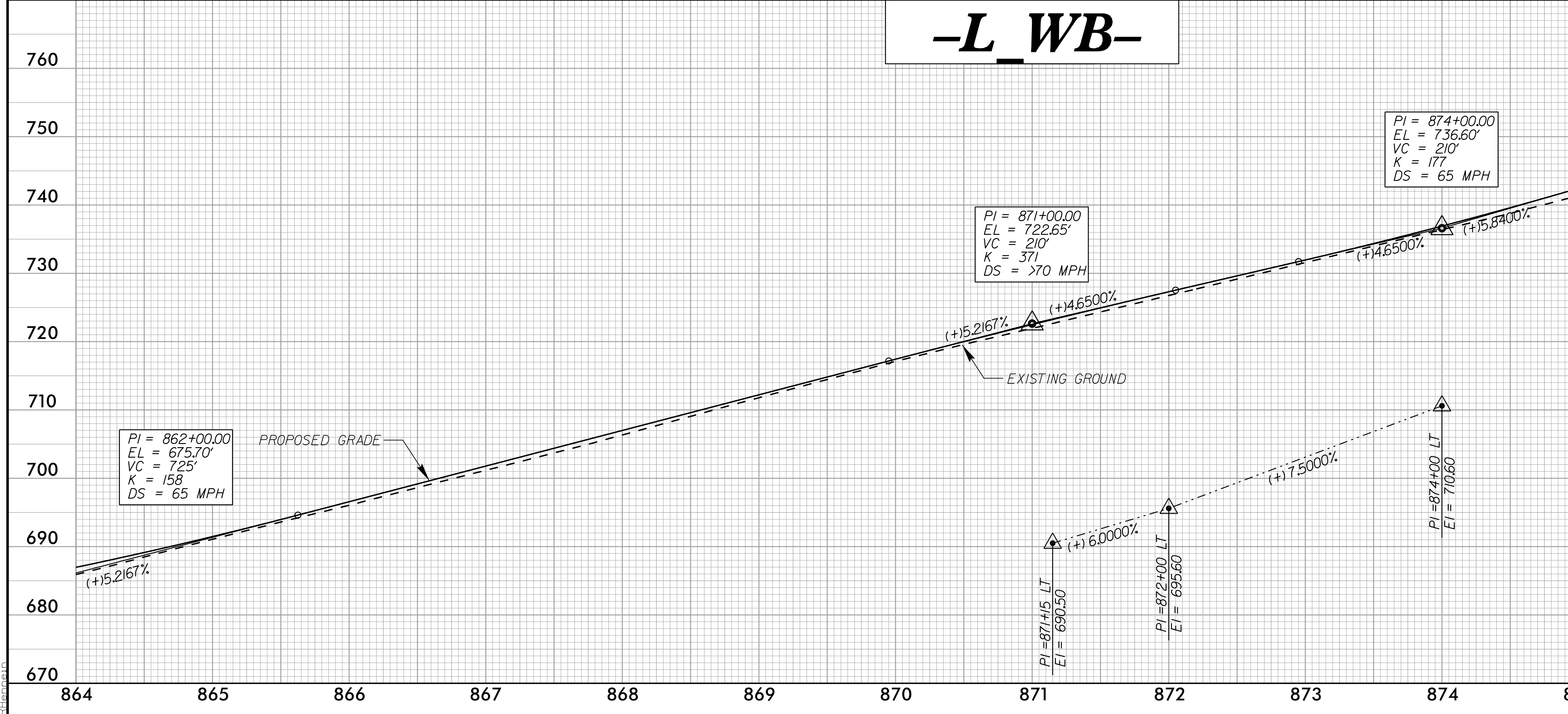
DITCH LEGEND
 LEFT DITCH - - - - -
 RIGHT DITCH - - - - -

FOR -L- PLAN SEE RDY SHEET 5

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

FOR -L- PLAN SEE RDY SHEET 5

-L_WB-



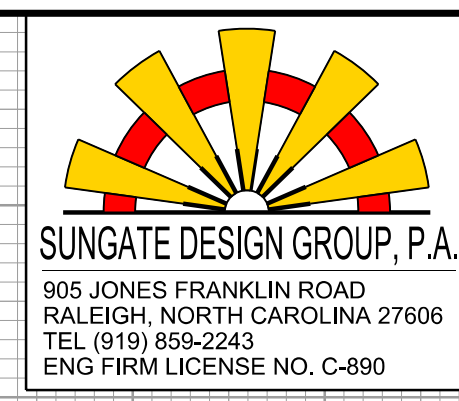
DITCH LEGEND
 LEFT DITCH - - - - -
 RIGHT DITCH - - - - -

FOR -L- PLAN SEE RDY SHEET 5

3/30/2023
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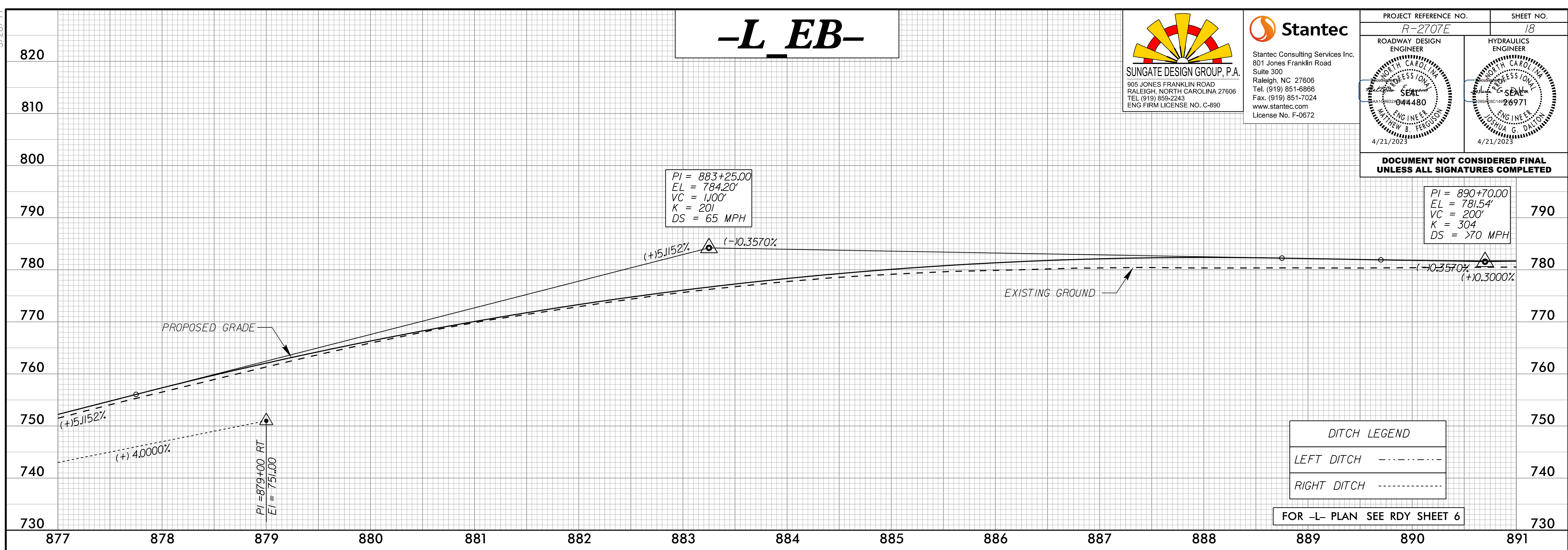
5/28/24

-L_EB-

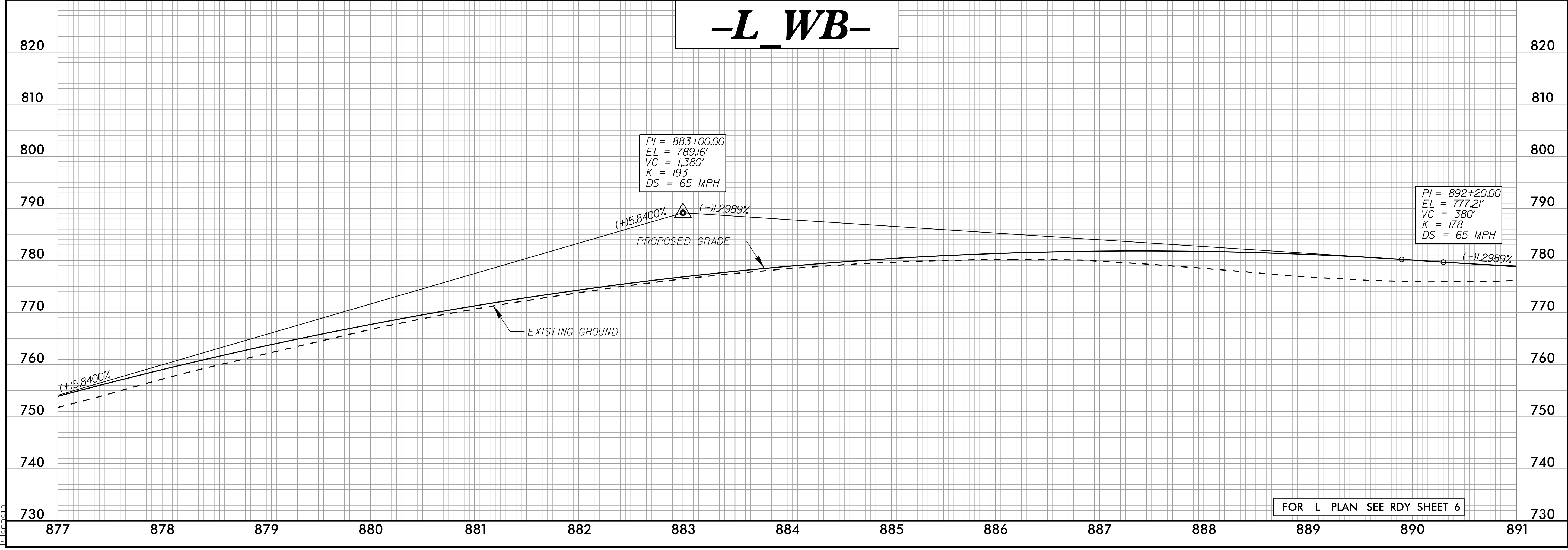


PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>18</i>
ROADWAY DESIGN ENGINEER <i>Matthew B. Ferguson</i> Professional Seal 44480 4/21/2023	HYDRAULICS ENGINEER <i>John G. Dalton</i> Professional Seal 26971 4/21/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



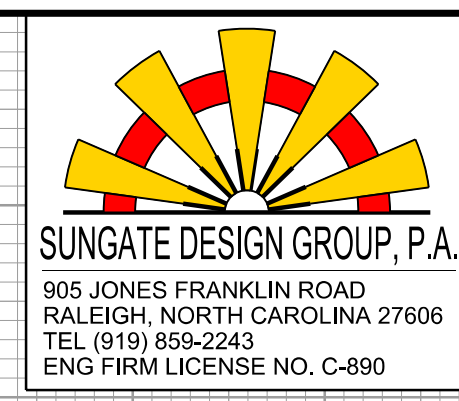
-L_WB-



3/30/2023
 37130...
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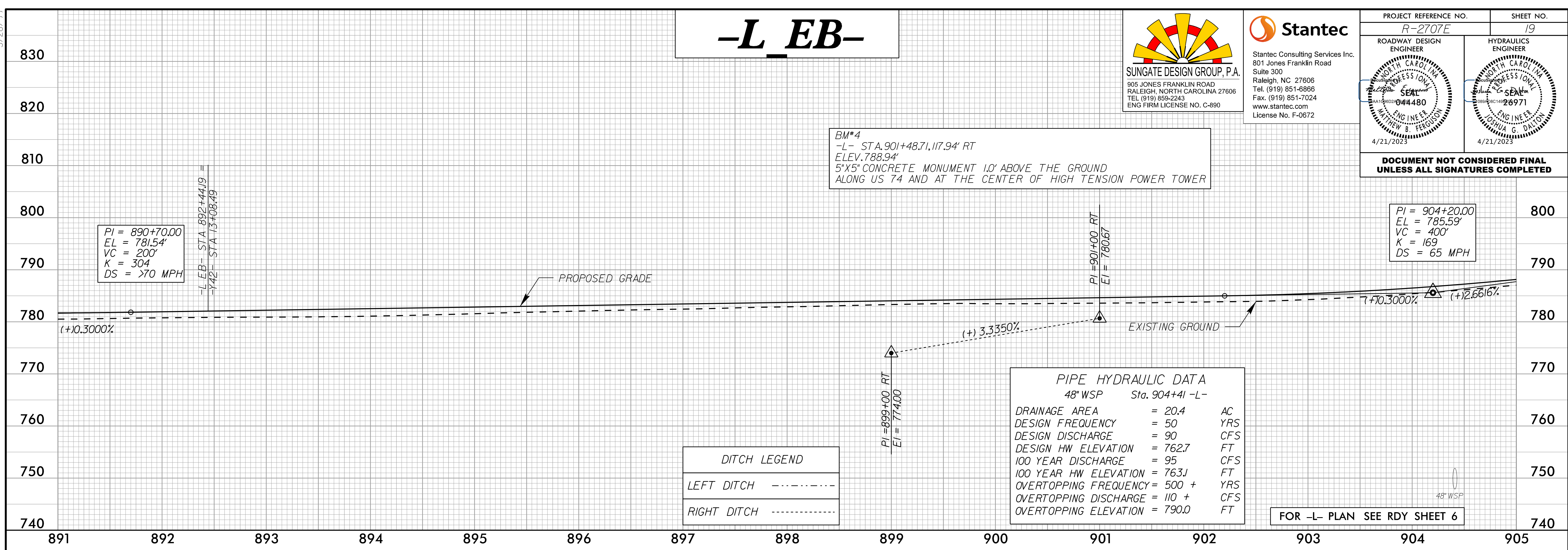
5/28/2023

-L_EB-



PROJECT REFERENCE NO. R-2707E	SHEET NO. 19
ROADWAY DESIGN ENGINEER MATTHEW B. FERRELL 044480 4/21/2023	HYDRAULICS ENGINEER JOHNS G. DALTON 26971 4/21/2023

BM*4
-L- STA. 901+48.71, 117.94' RT
ELEV. 788.94'
5"X5" CONCRETE MONUMENT 1.0' ABOVE THE GROUND
ALONG US 74 AND AT THE CENTER OF HIGH TENSION POWER TOWER



PIPE HYDRAULIC DATA
48" WSP Sta. 904+41 -L-

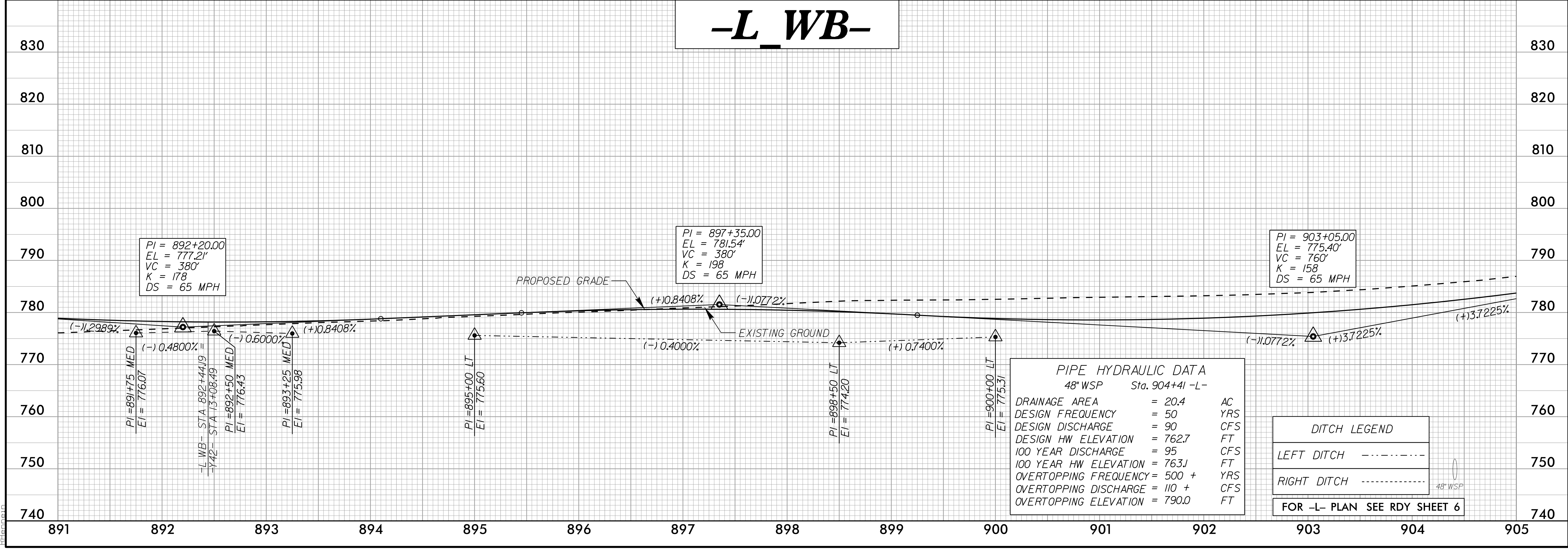
DRAINAGE AREA	= 20.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 90	CFS
DESIGN HW ELEVATION	= 762.7	FT
100 YEAR DISCHARGE	= 95	CFS
100 YEAR HW ELEVATION	= 763J	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 110 +	CFS
OVERTOPPING ELEVATION	= 790.0	FT

DITCH LEGEND

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

FOR -L- PLAN SEE RDY SHEET 6

-L_WB-



PIPE HYDRAULIC DATA
48" WSP Sta. 904+41 -L-

DRAINAGE AREA	= 20.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 90	CFS
DESIGN HW ELEVATION	= 762.7	FT
100 YEAR DISCHARGE	= 95	CFS
100 YEAR HW ELEVATION	= 763J	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 110 +	CFS
OVERTOPPING ELEVATION	= 790.0	FT

DITCH LEGEND

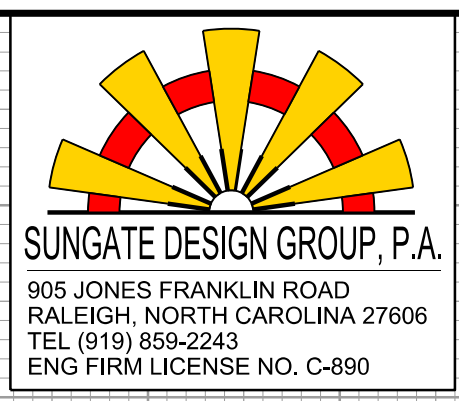
LEFT DITCH	-----
RIGHT DITCH	-----

FOR -L- PLAN SEE RDY SHEET 6

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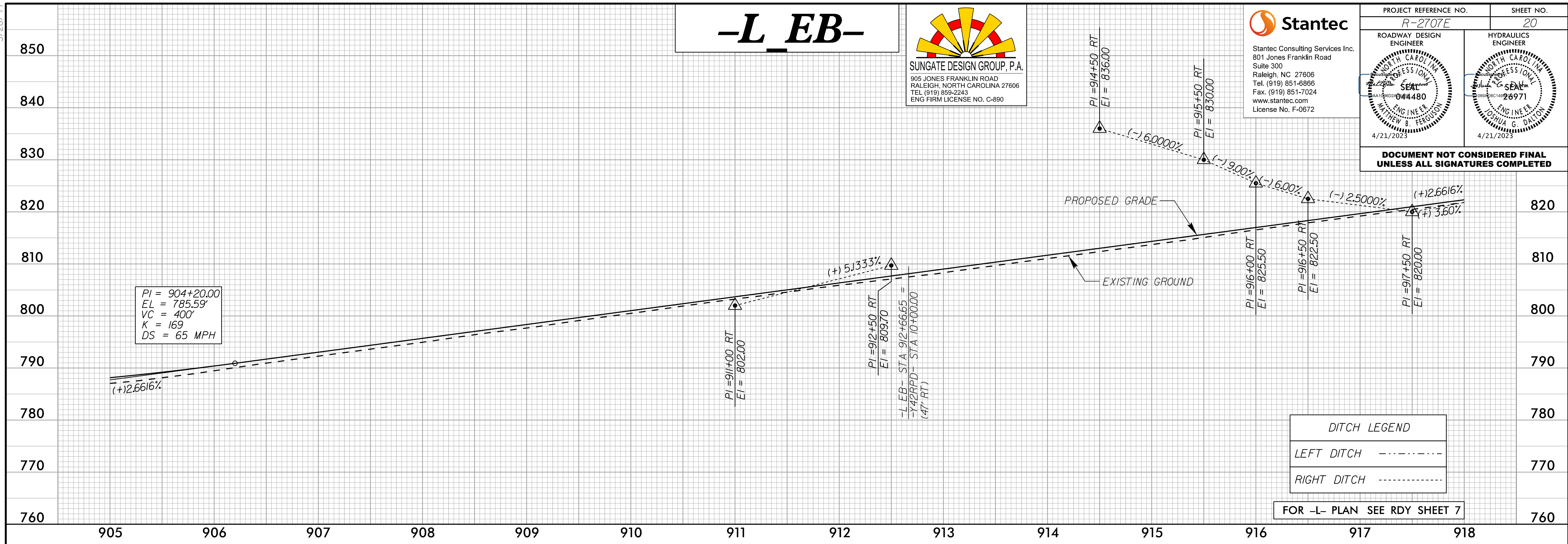
5/28/23

-L_EB-



PROJECT REFERENCE NO. R-2707E	SHEET NO. 20
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERRELL 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

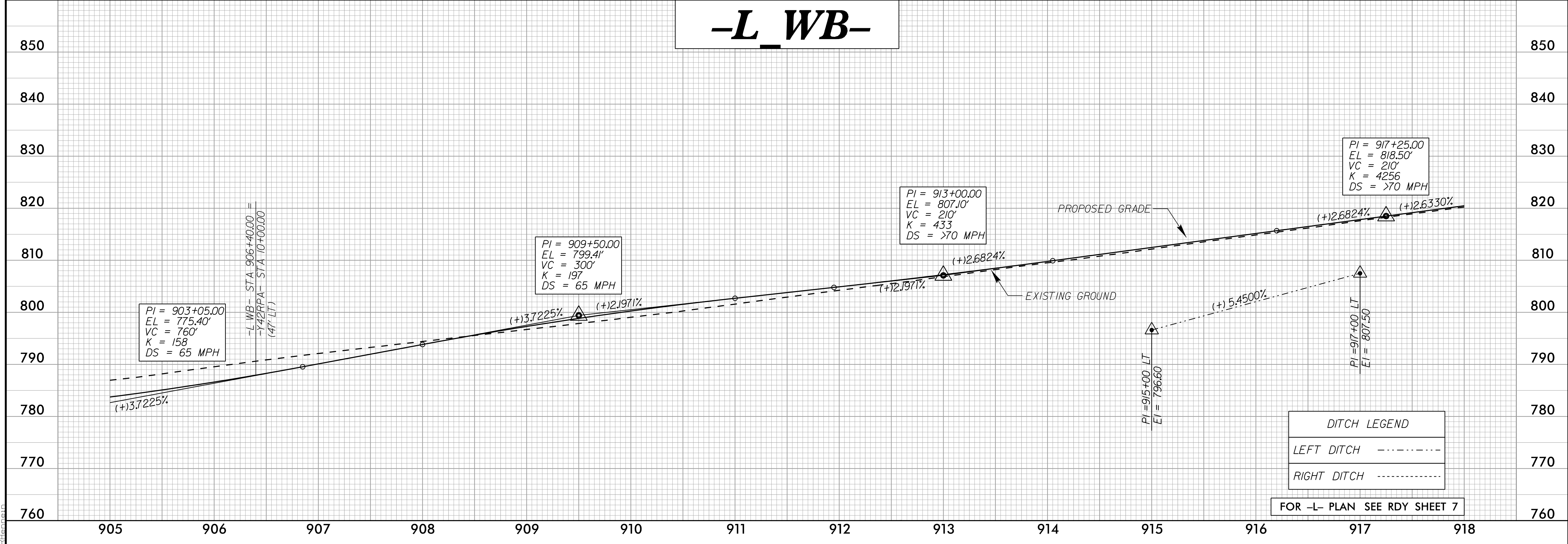
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



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

FOR -L- PLAN SEE RDY SHEET 7

-L_WB-



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

FOR -L- PLAN SEE RDY SHEET 7

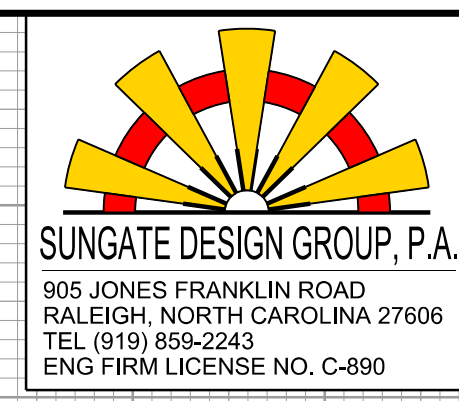
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5/28/23

NOTE: SEE INSET A FOR PIPE LOCATION

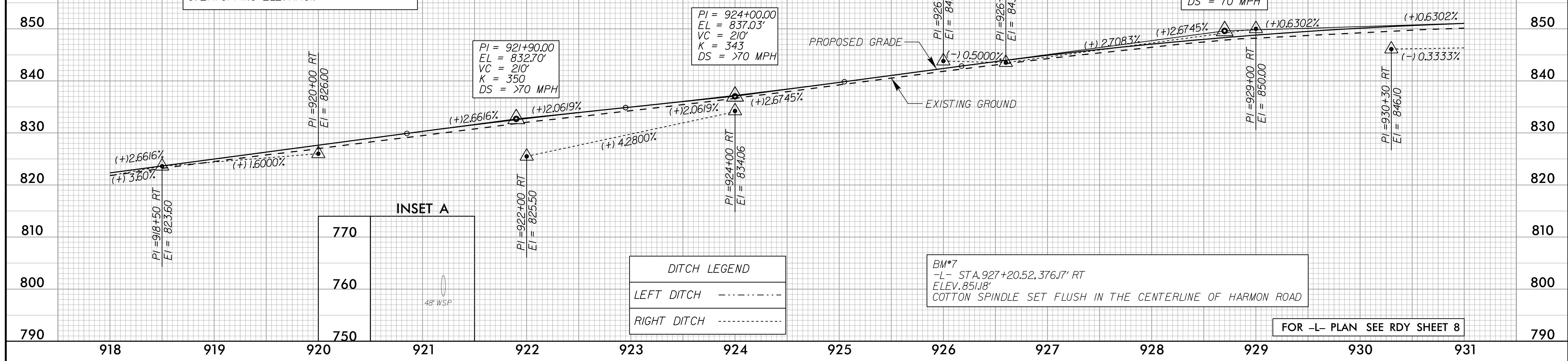
PIPE HYDRAULIC DATA	
48" WSP Sta. 921+20 -L-	
DRAINAGE AREA	= 15.7 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 80 CFS
DESIGN HW ELEVATION	= 806.8 FT
100 YEAR DISCHARGE	= 85 CFS
100 YEAR HW ELEVATION	= 807.0 FT
OVERTOPPING FREQUENCY	= 500 + YRS
OVERTOPPING DISCHARGE	= 100 + CFS
OVERTOPPING ELEVATION	= 828.4 FT

-L_EB-



PROJECT REFERENCE NO. R-2707E	SHEET NO. 21
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

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INSET A

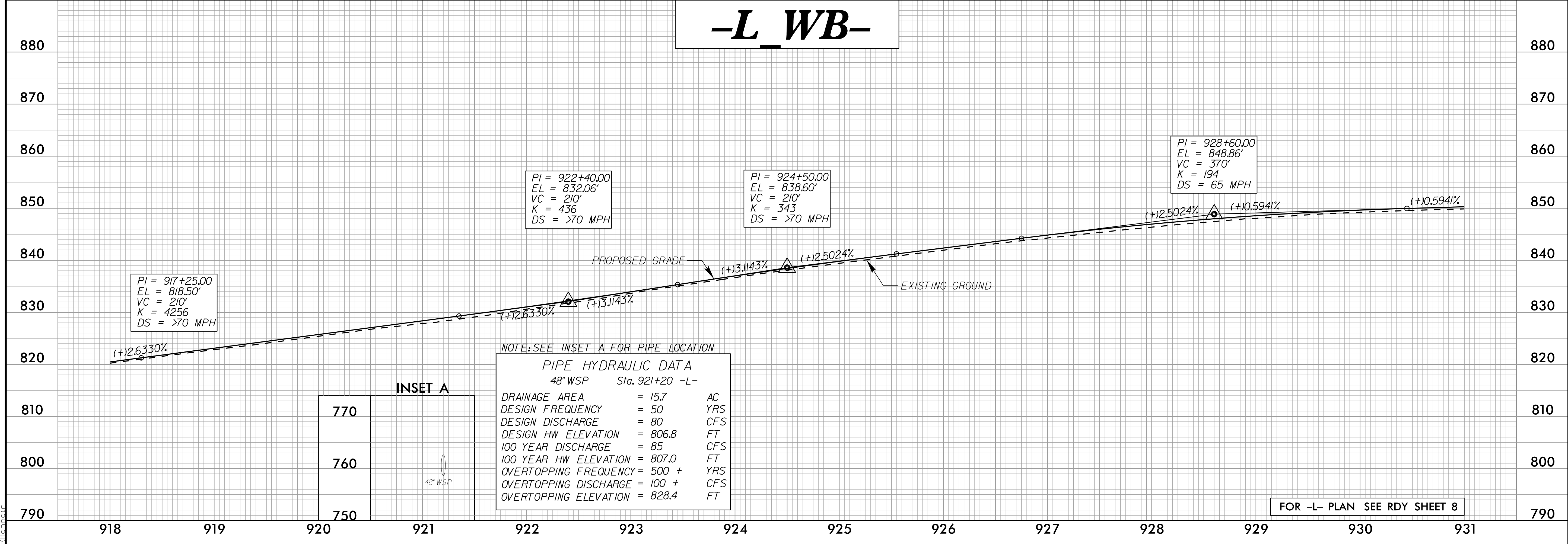
770
760
750

DITCH LEGEND

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

FOR -L- PLAN SEE RDY SHEET 8

-L_WB-



INSET A

770
760
750

NOTE: SEE INSET A FOR PIPE LOCATION

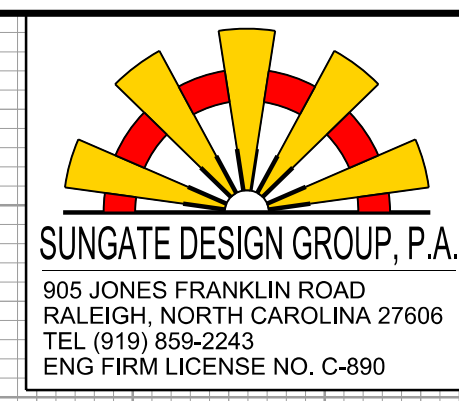
PIPE HYDRAULIC DATA	
48" WSP Sta. 921+20 -L-	
DRAINAGE AREA	= 15.7 AC
DESIGN FREQUENCY	= 50 YRS
DESIGN DISCHARGE	= 80 CFS
DESIGN HW ELEVATION	= 806.8 FT
100 YEAR DISCHARGE	= 85 CFS
100 YEAR HW ELEVATION	= 807.0 FT
OVERTOPPING FREQUENCY	= 500 + YRS
OVERTOPPING DISCHARGE	= 100 + CFS
OVERTOPPING ELEVATION	= 828.4 FT

FOR -L- PLAN SEE RDY SHEET 8

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5/28/23

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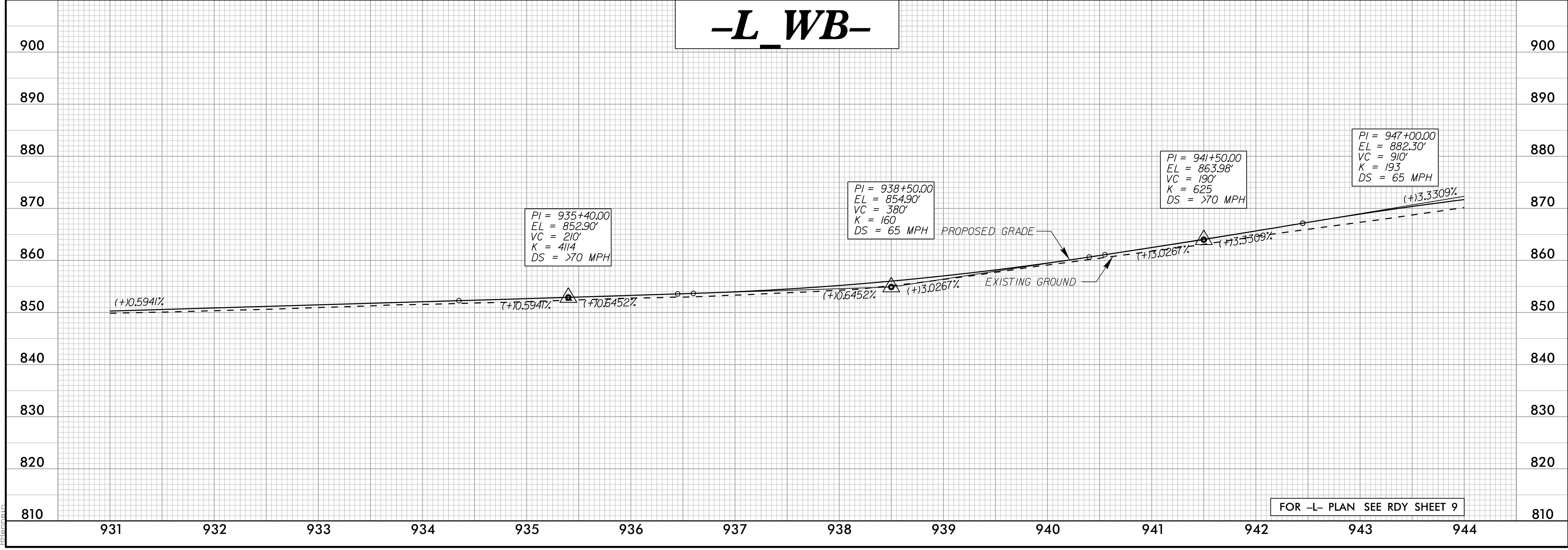


PROJECT REFERENCE NO. R-2707E	SHEET NO. 22
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERGILO 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

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UNLESS ALL SIGNATURES COMPLETED**



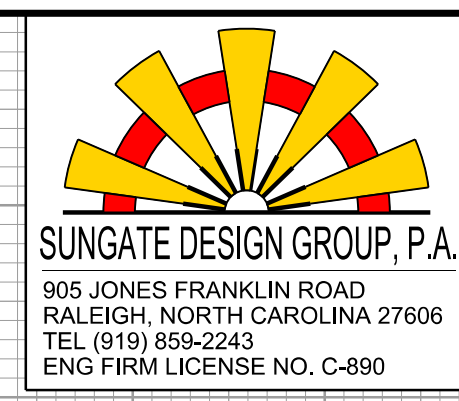
-L_WB-



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-L_EB-

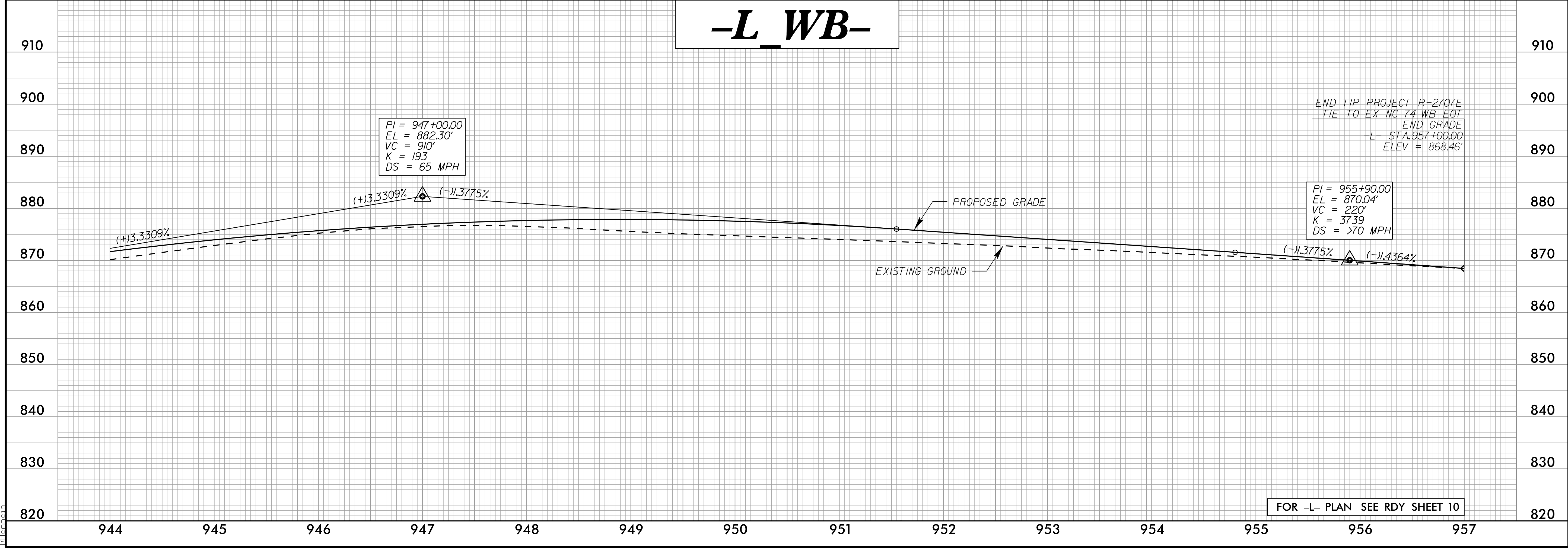


PROJECT REFERENCE NO. R-2707E	SHEET NO. 23
ROADWAY DESIGN ENGINEER SEAL 044480 MATTHEW B. FERRELL 4/21/2023	HYDRAULICS ENGINEER SEAL 26971 JOHN G. DALTON 4/21/2023

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UNLESS ALL SIGNATURES COMPLETED



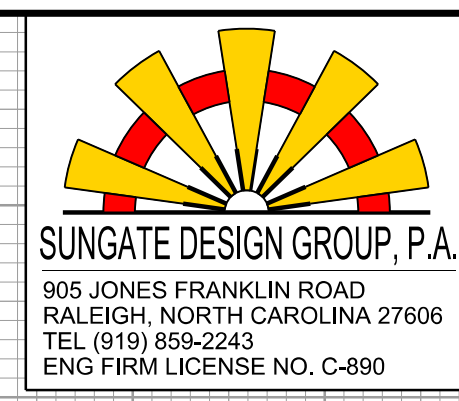
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-L_EB-



PROJECT REFERENCE NO. <i>R-2707E</i>	SHEET NO. <i>26</i>
ROADWAY DESIGN ENGINEER <i>[Signature]</i> 044480 4/21/2023	HYDRAULICS ENGINEER <i>[Signature]</i> 26971 4/21/2023

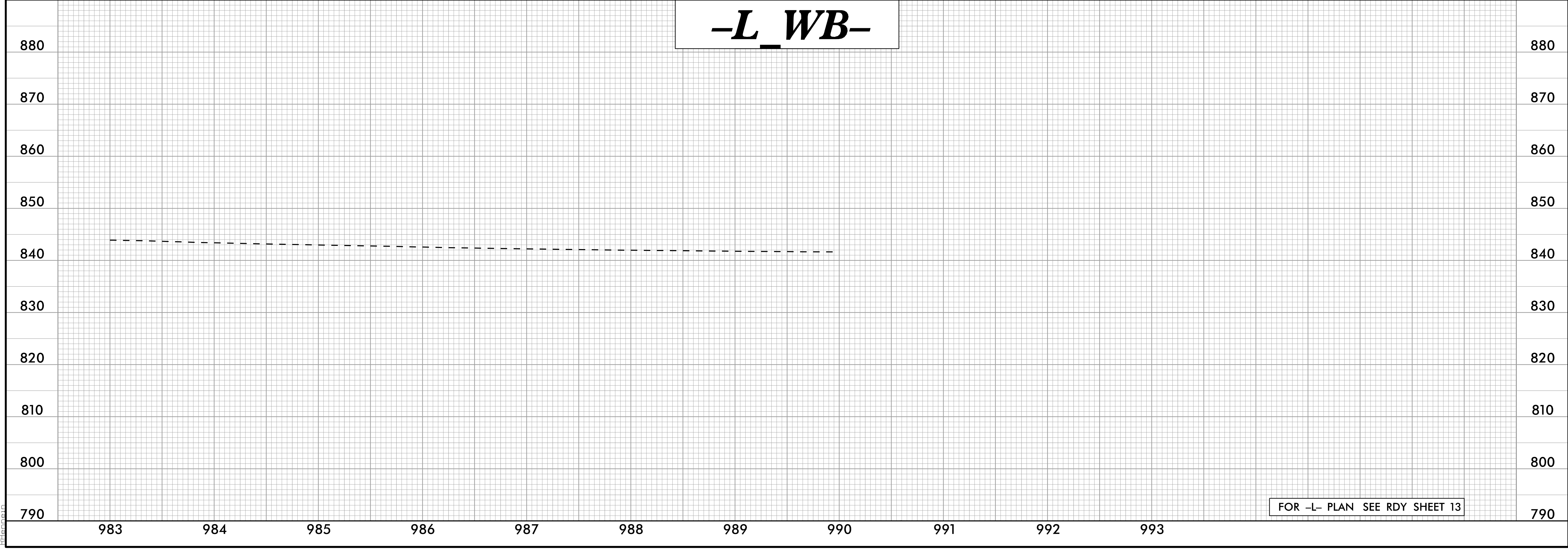
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



FOR -L- PLAN SEE RDY SHEET 13

-L_WB-

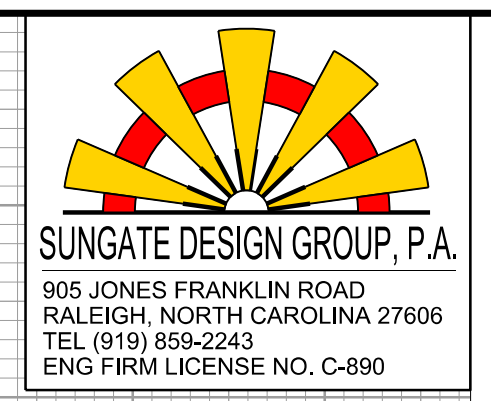
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FOR -L- PLAN SEE RDY SHEET 13

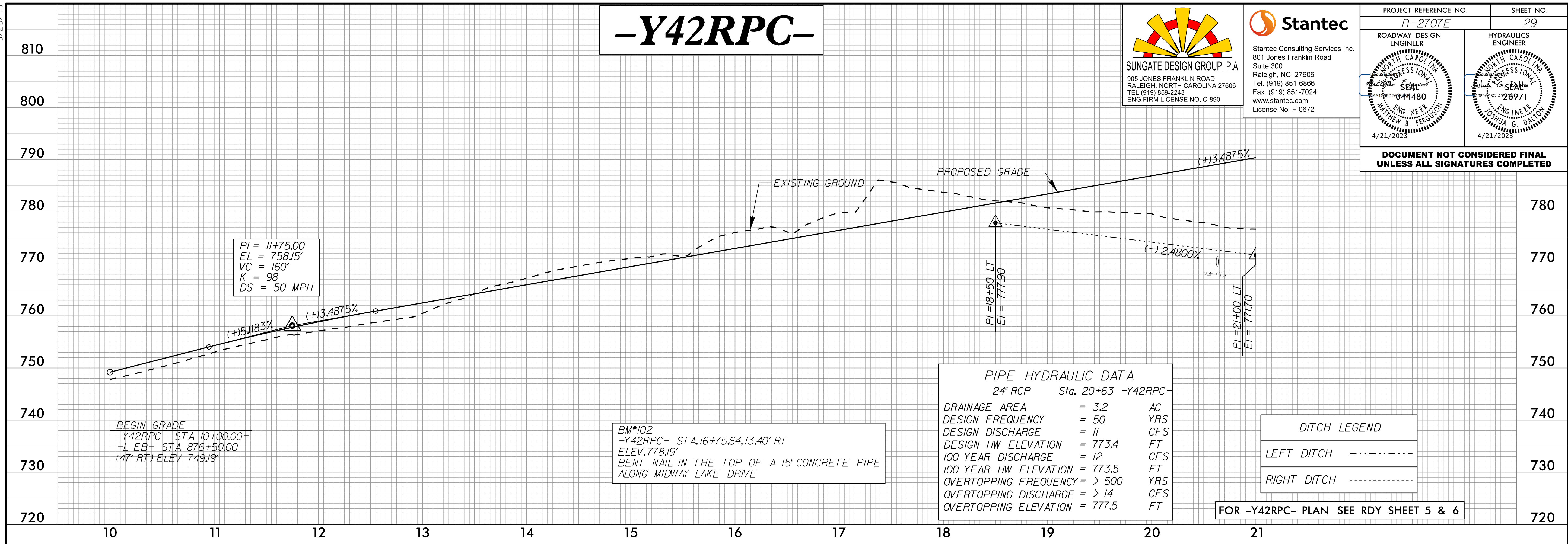
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-Y42RPC-



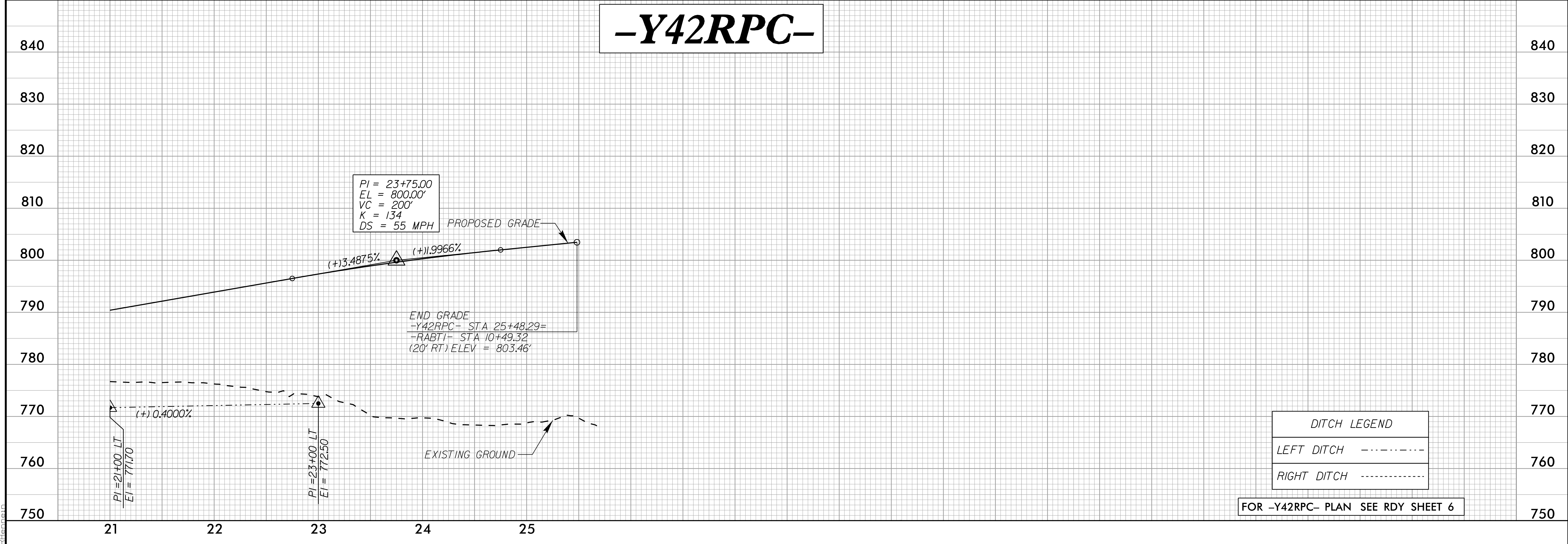
PROJECT REFERENCE NO. R-2707E	SHEET NO. 29
ROADWAY DESIGN ENGINEER MATTHEW B. FERGIUS 044480 4/21/2023	HYDRAULICS ENGINEER JOHN G. DALTON 26971 4/21/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



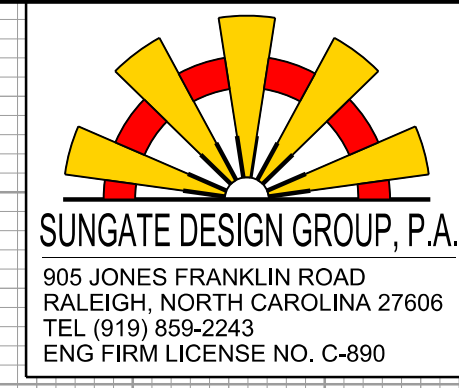
-Y42RPC-

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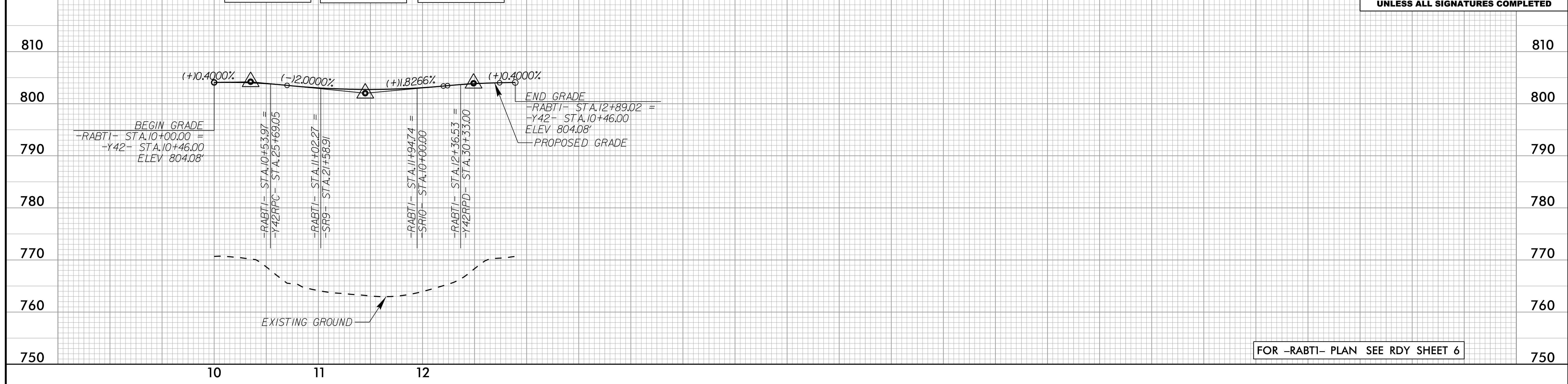
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-RABT1-



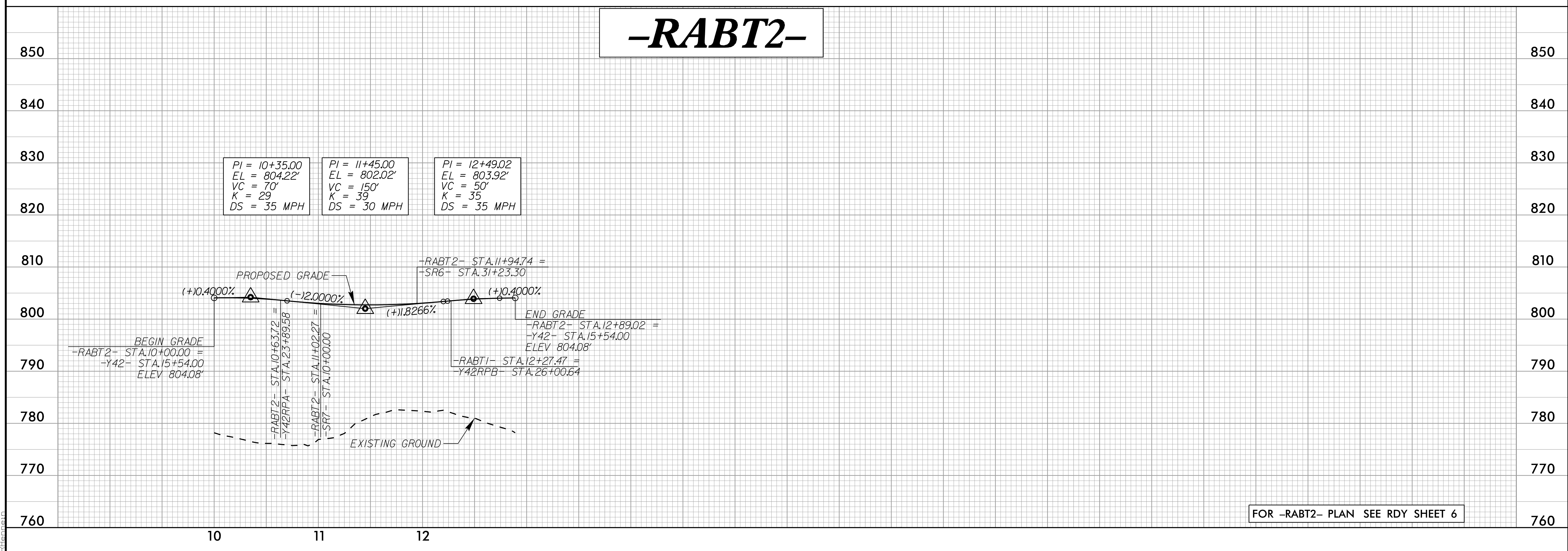
PROJECT REFERENCE NO. R-2707E	SHEET NO. 31
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERGIUS 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

PI = 10+35.00 EL = 804.22' VC = 70' K = 29 DS = 35 MPH	PI = 11+45.00 EL = 802.02' VC = 150' K = 39 DS = 30 MPH	PI = 12+49.02 EL = 803.92' VC = 50' K = 35 DS = 35 MPH
--------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------



-RABT2-

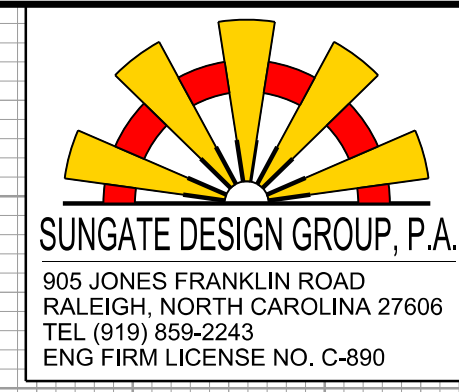
PI = 10+35.00 EL = 804.22' VC = 70' K = 29 DS = 35 MPH	PI = 11+45.00 EL = 802.02' VC = 150' K = 39 DS = 30 MPH	PI = 12+49.02 EL = 803.92' VC = 50' K = 35 DS = 35 MPH
--------------------------------------------------------------------	---------------------------------------------------------------------	--------------------------------------------------------------------



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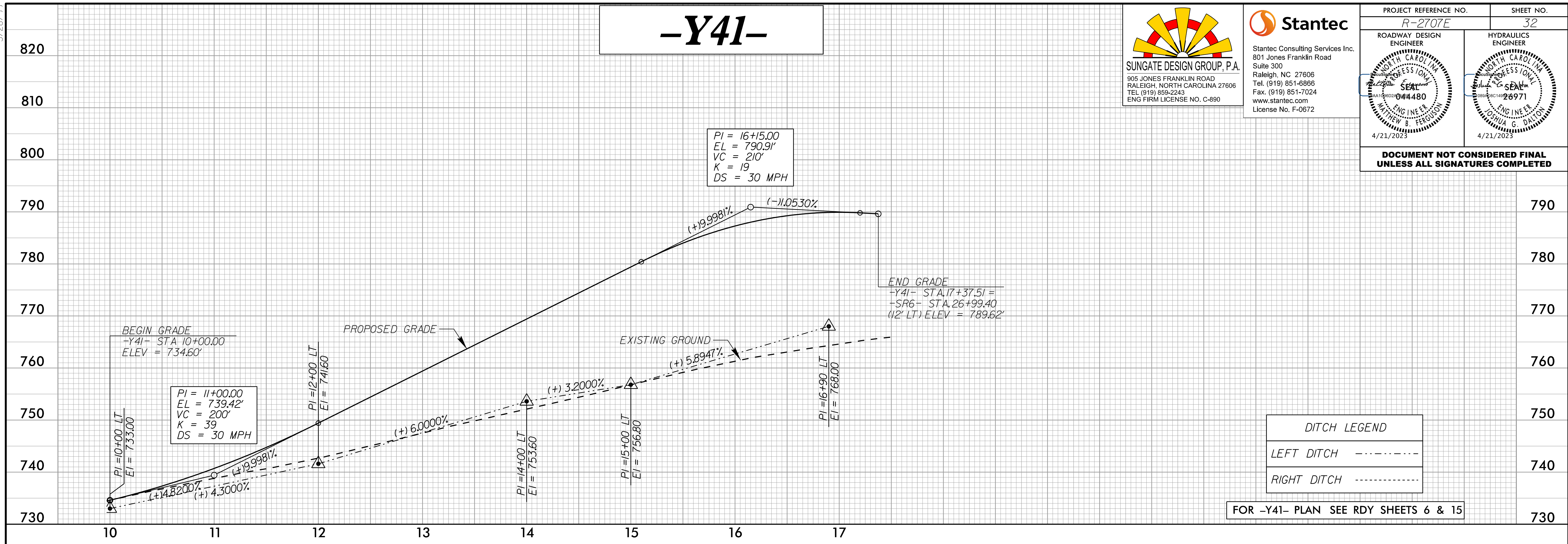
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-Y41-

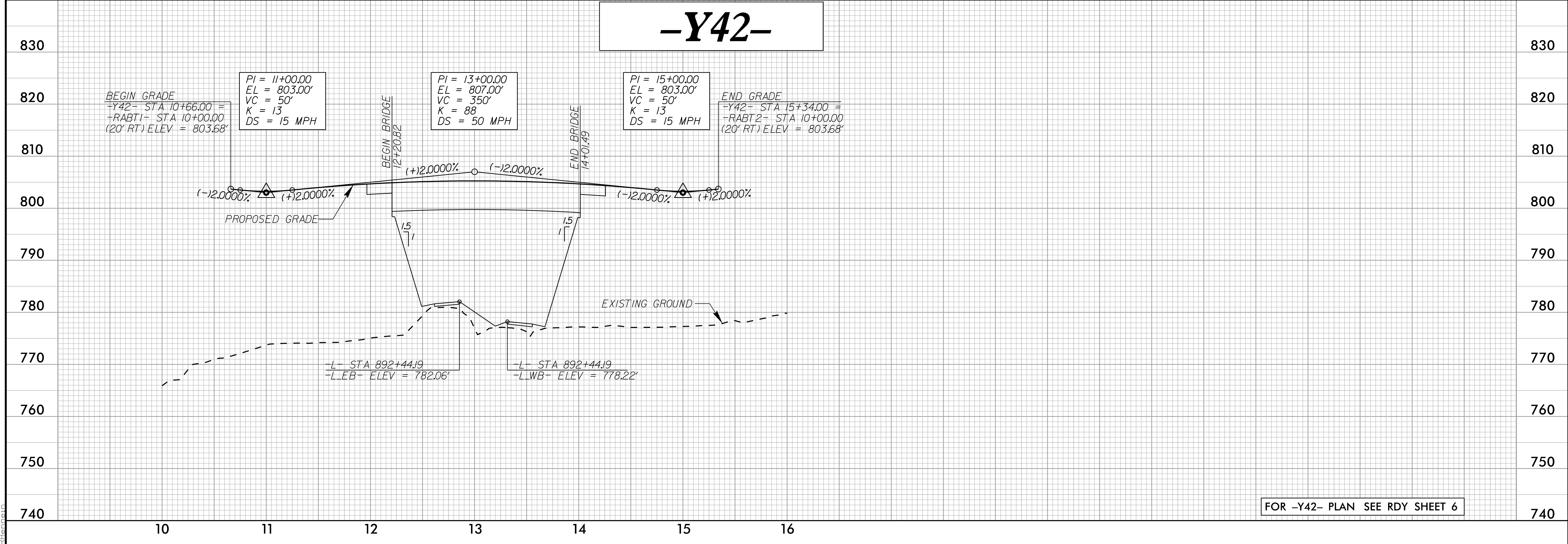


PROJECT REFERENCE NO. R-2707E	SHEET NO. 32
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERGLIO 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

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-Y42-



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-SR7-

PIPE HYDRAULIC DATA
18" CSP Sta. 71+75 -SR7-

DRAINAGE AREA	= 2.0	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 6.0	CFS
DESIGN HW ELEVATION	= 864.1	FT
100 YEAR DISCHARGE	= 7.0	CFS
100 YEAR HW ELEVATION	= 864.3	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 8 +	CFS
OVERTOPPING ELEVATION	= 868.5	FT

Stantec
Stantec Consulting Services Inc.
801 Jones Franklin Road
Suite 300
Raleigh, NC 27606
Tel. (919) 851-8866
Fax. (919) 851-7024
www.stantec.com
License No. F-0672

PROJECT REFERENCE NO. R-2707E	SHEET NO. 37
ROADWAY DESIGN ENGINEER [Signature]	HYDRAULICS ENGINEER [Signature]
4/21/2023	4/21/2023

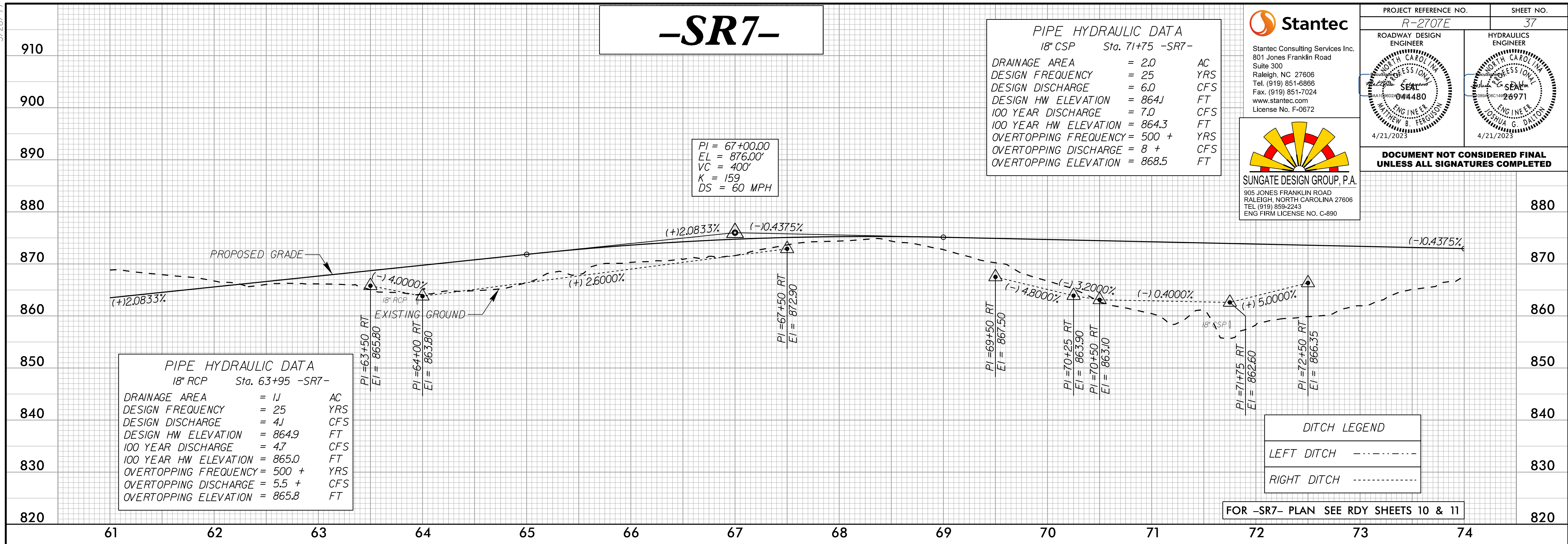
SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243
ENG FIRM LICENSE NO. C-890

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PI = 67+00.00
EL = 876.00'
VC = 400'
K = 159
DS = 60 MPH

PIPE HYDRAULIC DATA
18" RCP Sta. 63+95 -SR7-

DRAINAGE AREA	= 11	AC
DESIGN FREQUENCY	= 25	YRS
DESIGN DISCHARGE	= 41	CFS
DESIGN HW ELEVATION	= 864.9	FT
100 YEAR DISCHARGE	= 4.7	CFS
100 YEAR HW ELEVATION	= 865.0	FT
OVERTOPPING FREQUENCY	= 500 +	YRS
OVERTOPPING DISCHARGE	= 5.5 +	CFS
OVERTOPPING ELEVATION	= 865.8	FT



DITCH LEGEND

LEFT DITCH - - - - -

RIGHT DITCH - - - - -

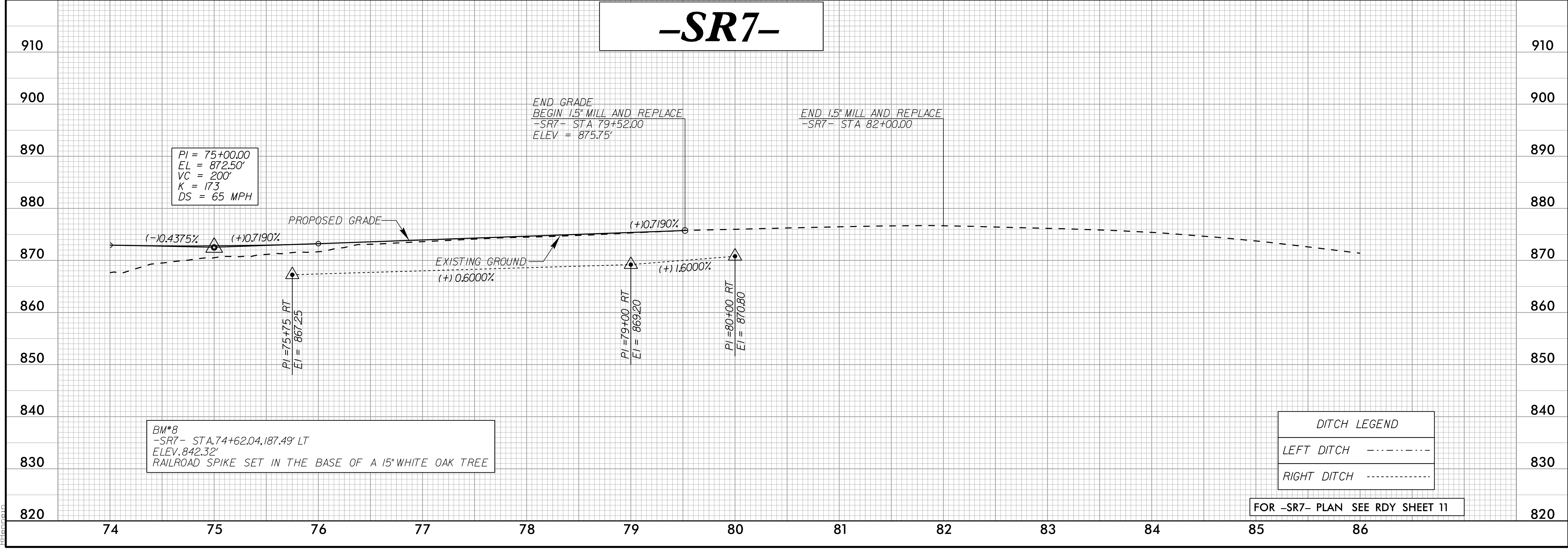
-SR7-

PI = 75+00.00
EL = 872.50'
VC = 200'
K = 173
DS = 65 MPH

END GRADE
BEGIN 1.5" MILL AND REPLACE
-SR7- STA 79+52.00
ELEV = 875.75'

END 1.5" MILL AND REPLACE
-SR7- STA 82+00.00

BM*8
-SR7- STA.74+62.04.187.49' LT
ELEV.842.32'
RAILROAD SPIKE SET IN THE BASE OF A 15" WHITE OAK TREE



DITCH LEGEND

LEFT DITCH - - - - -

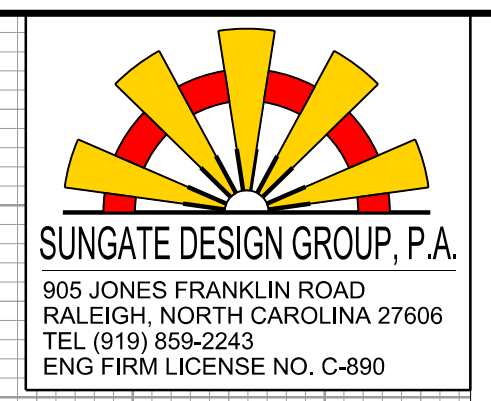
RIGHT DITCH - - - - -

FOR -SR7- PLAN SEE RDY SHEET 11

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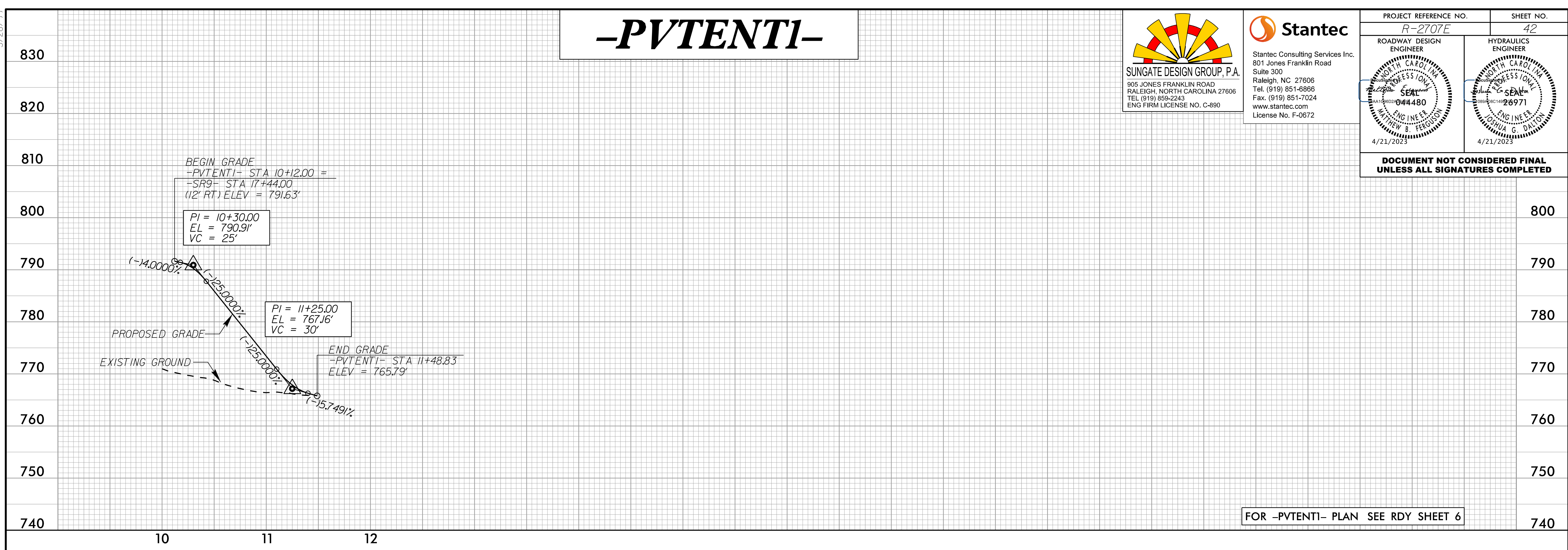
5/28/2023

-PVTENT1-



PROJECT REFERENCE NO. R-2707E	SHEET NO. 42
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERGIUS 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

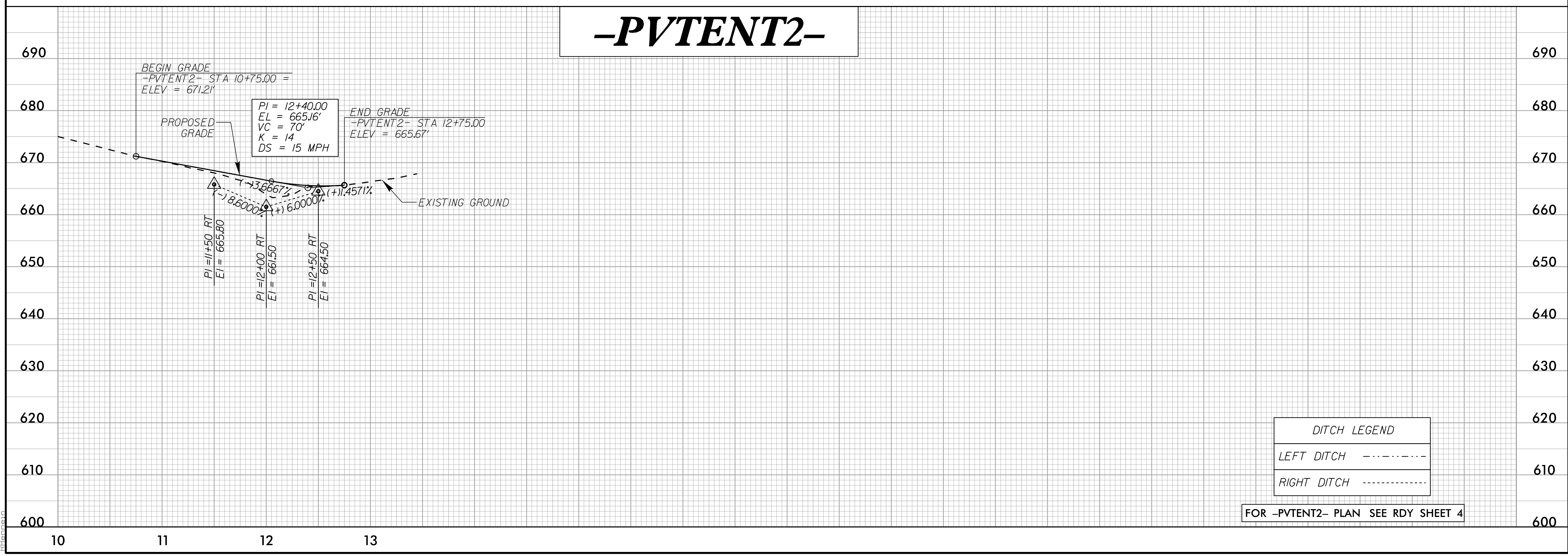
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



FOR -PVTENT1- PLAN SEE RDY SHEET 6

-PVTENT2-

3/30/2023
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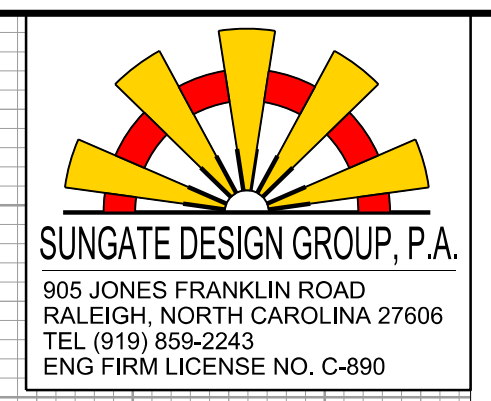
DITCH LEGEND

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

FOR -PVTENT2- PLAN SEE RDY SHEET 4

5/28/99

-PVTENT5-



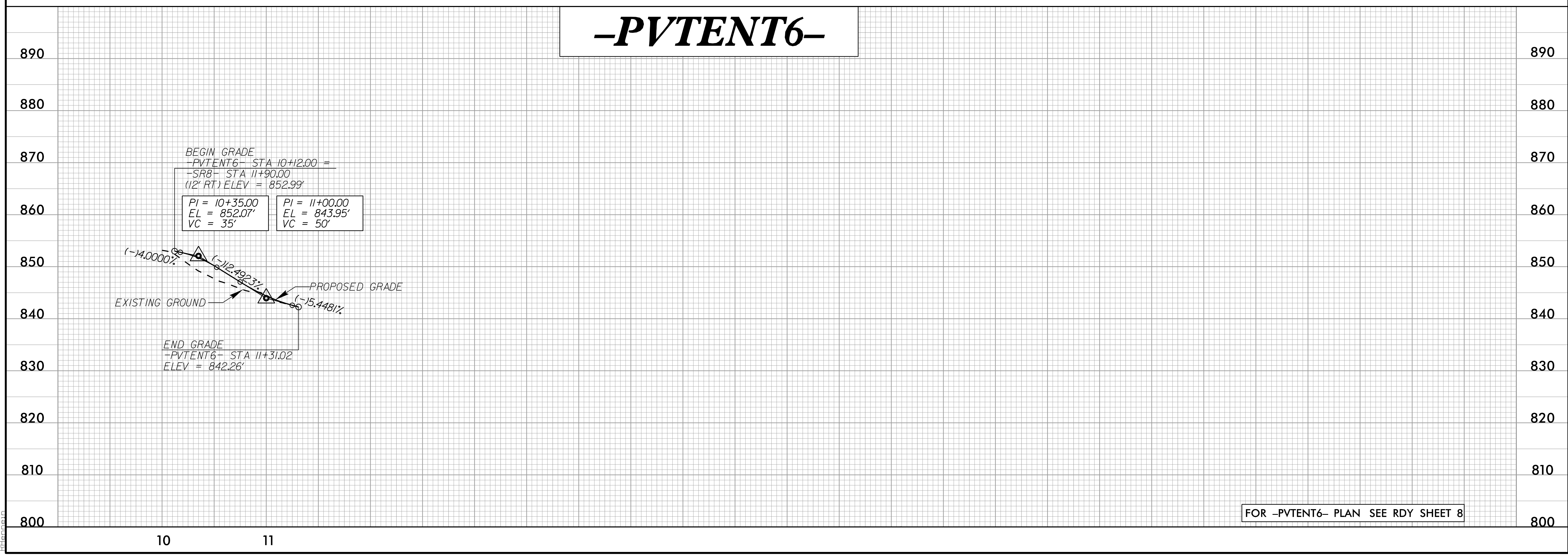
PROJECT REFERENCE NO. R-2707E	SHEET NO. 44
ROADWAY DESIGN ENGINEER SEAL MATTHEW B. FERGIUS 4/21/2023	HYDRAULICS ENGINEER SEAL JOHN G. DALTON 4/21/2023

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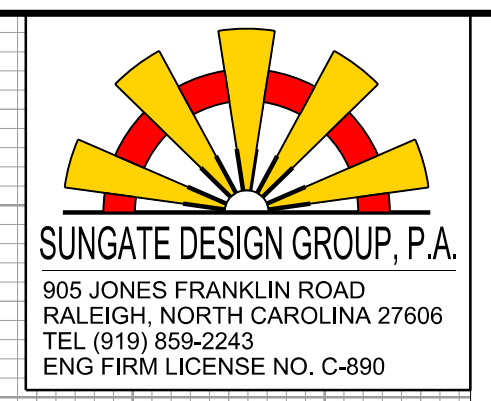
-PVTENT6-

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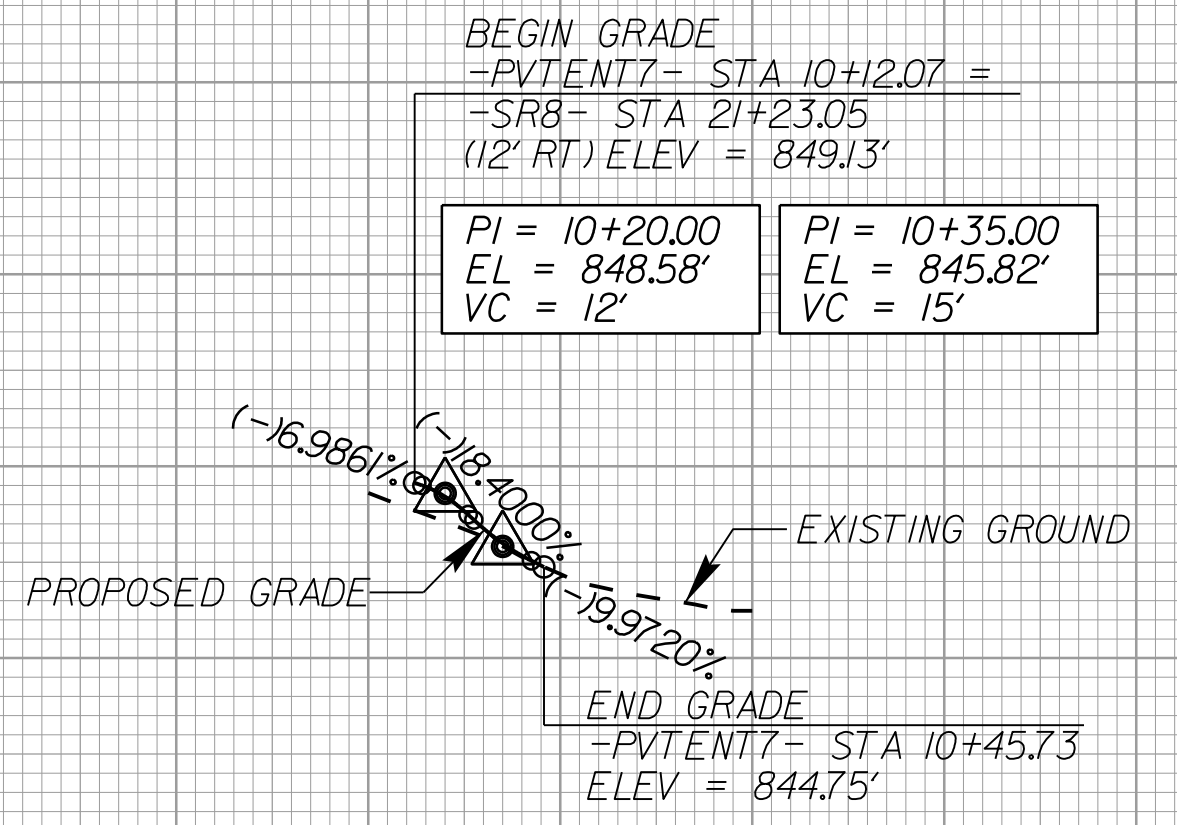
-PVTENT7-



PROJECT REFERENCE NO. R-2707E	SHEET NO. 45
ROADWAY DESIGN ENGINEER <i>[Signature]</i> 044480 4/21/2023	HYDRAULICS ENGINEER <i>[Signature]</i> 26971 4/21/2023

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890
880
870
860
850
840
830
820
810
800



860
850
840
830
820
810
800

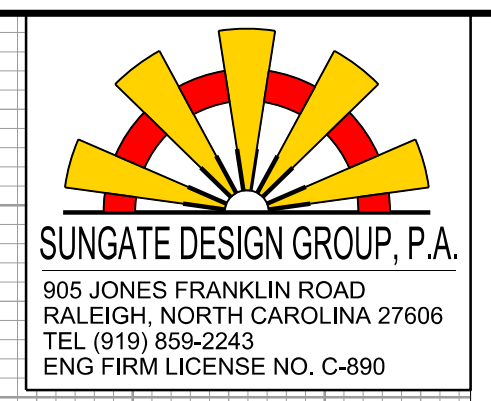
FOR -PVTENT7- PLAN SEE RDY SHEET 9

10 11

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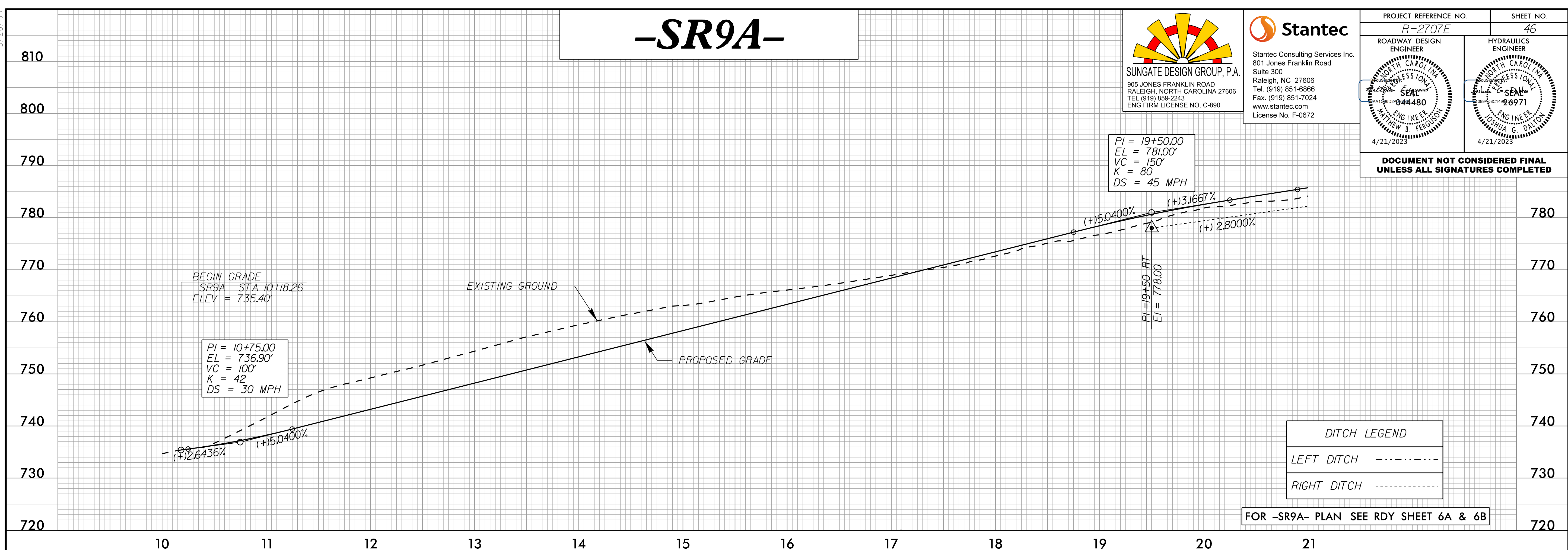
5/28/23

-SR9A-

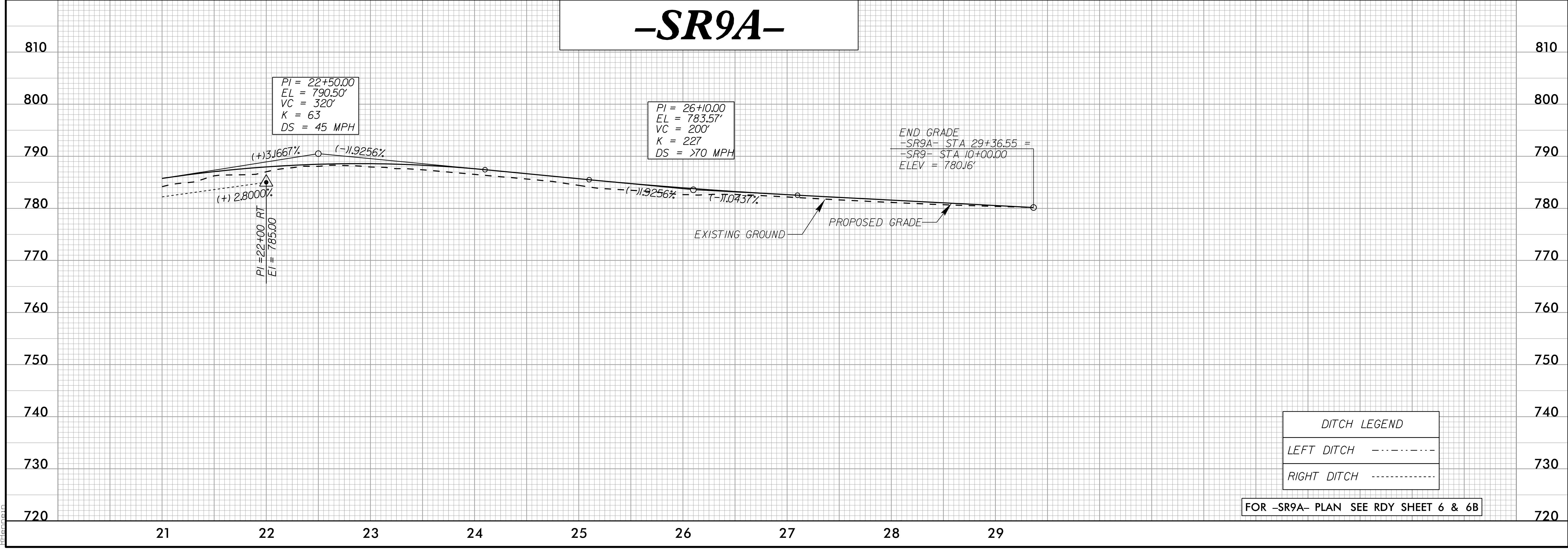


PROJECT REFERENCE NO. R-2707E	SHEET NO. 46
ROADWAY DESIGN ENGINEER MATTHEW B. FERGIUS 044480 4/21/2023	HYDRAULICS ENGINEER JOHN G. DALTON 26971 4/21/2023

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-SR9A-



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