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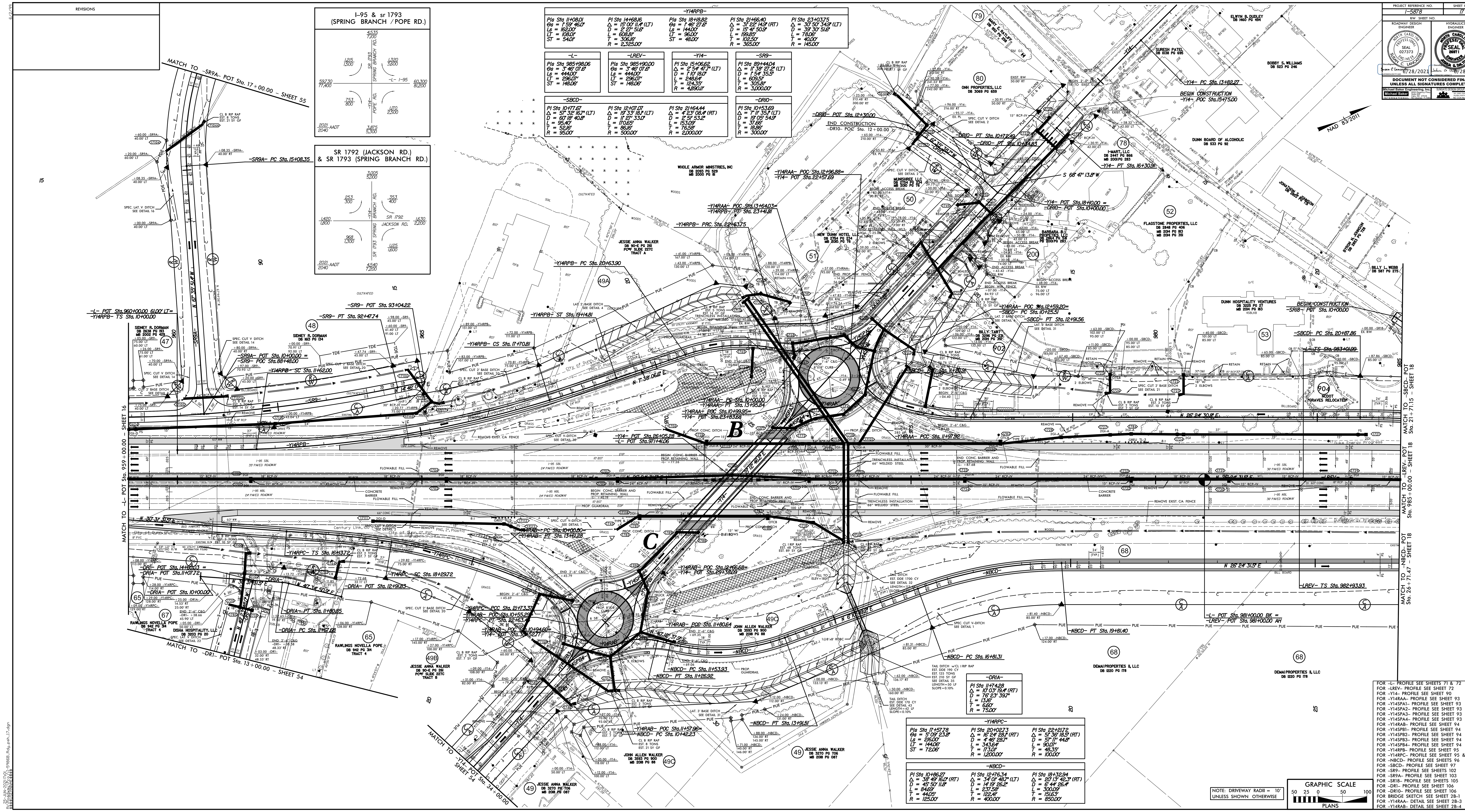
PROJECT REFERENCE NO.	SHEET NO.
I-5878	17
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
SEAL 027373 SUSAN C. LANCASTER 6/28/2021	SEAL 26971 JOSHUA G. DALTON 6/28/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Michael Baker Engineering, Inc. 8000 Regency Pkwy Suite 600 Cary, NC 27518 NC License: F-1084

SUNGATE DESIGN GROUP, P.A. 905 JONES FRANKLIN ROAD RALEIGH, NORTH CAROLINA 27606 NC COA No. C-0890

REVISIONS



I-95 & sr 1793 (SPRING BRANCH / POPE RD.)

SR 1792 (JACKSON RD.) & SR 1793 (SPRING BRANCH RD.)

-Y14RPB-				
PIs Sta 11+08.01	PI Sta 14+68.16	PIs Sta 18+18.82	PI Sta 21+66.40	PI Sta 23+03.75
θs = 1° 59' 46.0"	Δ = 15° 00' 11.4" (LT)	θs = 1° 46' 27.6"	Δ = 31° 22' 14.9" (RT)	Δ = 30° 50' 34.9" (LT)
Ls = 162.00'	D = 2° 27' 51.6"	Ls = 144.00'	D = 15° 41' 50.9"	D = 39° 30' 51.6"
LT = 108.01'	L = 608.81'	LT = 96.00'	L = 199.85'	L = 78.06'
ST = 54.01'	T = 306.16'	ST = 48.00'	T = 102.50'	T = 40.00'
	R = 2,325.00'		R = 365.00'	R = 145.00'

-L-	-LREV-	-Y14-	-SR9-
PIs Sta 985+98.06	PIs Sta 985+90.00	PI Sta 15+06.62	PI Sta 89+44.04
θs = 3° 46' 07.6"	θs = 3° 46' 07.6"	Δ = 2° 54' 47.7" (LT)	Δ = 11° 38' 27.2" (LT)
Ls = 444.00'	Ls = 444.00'	D = 1° 10' 18.0"	D = 1° 54' 35.5"
LT = 296.07'	LT = 296.07'	L = 248.64'	L = 609.51'
ST = 148.06'	ST = 148.06'	T = 124.35'	T = 305.81'
		R = 4,890.11'	R = 3,000.00'

-SBCD-		
PI Sta 10+77.67	PI Sta 12+07.07	PI Sta 21+64.44
Δ = 57° 32' 16.7" (LT)	Δ = 19° 33' 18.1" (LT)	Δ = 4° 23' 08.4" (RT)
D = 60° 18' 40.8"	D = 11° 27' 33.0"	D = 2° 51' 53.2"
L = 95.40'	L = 170.65'	L = 153.09'
T = 52.16'	T = 86.16'	T = 76.58'
R = 95.00'	R = 500.00'	R = 2,000.00'

-DR10-
PI Sta 10+53.69
Δ = 7° 11' 35.1" (LT)
D = 19° 05' 54.9"
L = 37.66'
T = 18.86'
R = 300.00'

-DRIA-
PI Sta 11+74.28
Δ = 10° 03' 19.4" (RT)
D = 76° 23' 39.7"
L = 13.16'
T = 6.60'
R = 75.00'

-Y14RPC-		
PIs Sta 17+57.78	PI Sta 20+02.73	PI Sta 22+21.72
θs = 5° 09' 23.8"	Δ = 16° 24' 28.1" (RT)	Δ = 51° 36' 18.5" (RT)
Ls = 216.00'	D = 4° 46' 28.7"	D = 57° 17' 44.8"
LT = 144.06'	L = 343.64'	L = 90.07'
ST = 72.06'	T = 173.01'	T = 48.35'
	R = 1,200.00'	R = 100.00'

-NBCD-		
PI Sta 10+86.27	PI Sta 12+76.34	PI Sta 18+32.94
Δ = 38° 49' 16.0" (RT)	Δ = 34° 01' 48.7" (LT)	Δ = 20° 13' 42.3" (RT)
D = 45° 50' 11.8"	D = 14° 19' 26.2"	D = 6° 44' 26.4"
L = 84.69'	L = 237.58'	L = 300.09'
T = 44.05'	T = 122.41'	T = 151.63'
R = 125.00'	R = 400.00'	R = 850.00'

NOTE: DRIVEWAY RADII = 10' UNLESS SHOWN OTHERWISE

GRAPHIC SCALE 50 25 0 50 100 PLANS

FOR -L- PROFILE SEE SHEETS 71 & 72
FOR -LREV- PROFILE SEE SHEET 72
FOR -Y14- PROFILE SEE SHEET 90
FOR -Y14RAA- PROFILE SEE SHEET 93
FOR -Y14SPA1- PROFILE SEE SHEET 93
FOR -Y14SPA2- PROFILE SEE SHEET 93
FOR -Y14SPA3- PROFILE SEE SHEET 93
FOR -Y14SPA4- PROFILE SEE SHEET 93
FOR -Y14RAB- PROFILE SEE SHEET 94
FOR -Y14SPB1- PROFILE SEE SHEET 94
FOR -Y14SPB2- PROFILE SEE SHEET 94
FOR -Y14SPB3- PROFILE SEE SHEET 94
FOR -Y14SPB4- PROFILE SEE SHEET 94
FOR -Y14RPB- PROFILE SEE SHEET 95
FOR -Y14RPC- PROFILE SEE SHEET 95 & 96
FOR -NBCD- PROFILE SEE SHEETS 96
FOR -SBCD- PROFILE SEE SHEET 97
FOR -SR9- PROFILE SEE SHEETS 102
FOR -SR9A- PROFILE SEE SHEET 103
FOR -SR18- PROFILE SEE SHEETS 105
FOR -DR1- PROFILE SEE SHEET 106
FOR -DR10- PROFILE SEE SHEET 106
FOR BRIDGE SKETCH SEE SHEET 2B-1
FOR -Y14RAA- DETAIL SEE SHEET 2B-3
FOR -Y14RAB- DETAIL SEE SHEET 2B-4

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