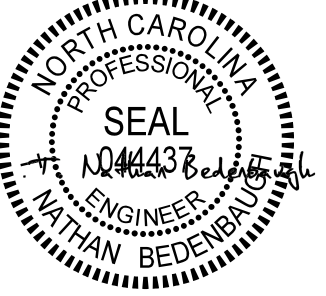

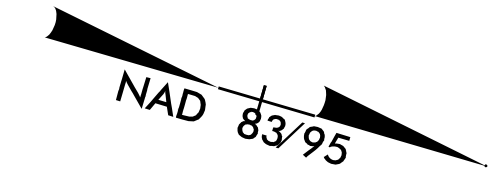
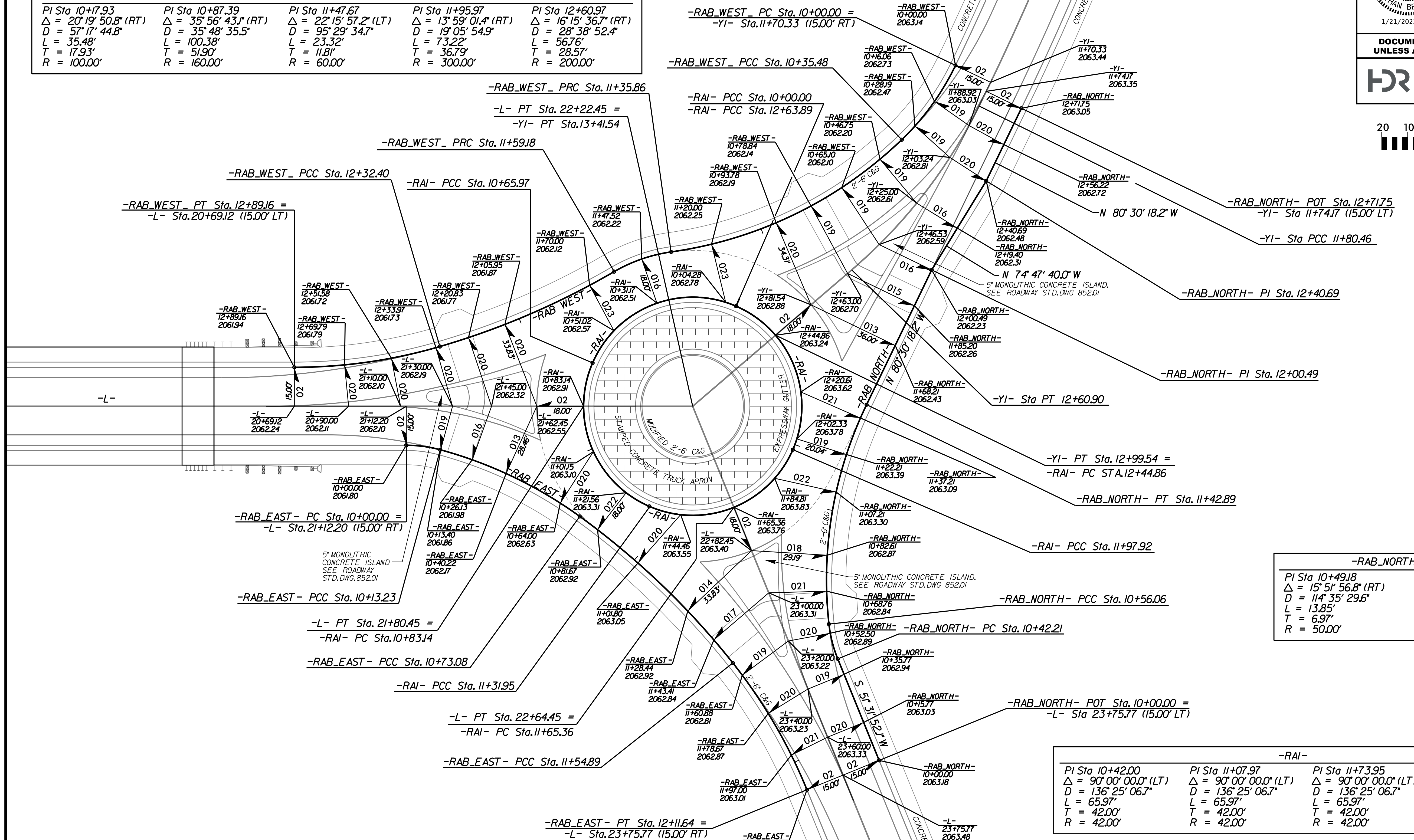


# ROUNDBABOUT -RA1- LINE & GRADE -L- /-Y1- INTERSECTION

PROJECT REFERENCE NO. <b>17BP.14.R.212</b>	SHEET NO. <b>2B-1</b>
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 1/21/2022	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	



-RAB_WEST-			
PI Sta 10+17.93 Δ = 20° 19' 50.8" (RT) D = 57' 17" 44.8" L = 35.48' T = 17.93' R = 100.00'	PI Sta 10+87.39 Δ = 35° 56' 43.1" (RT) D = 35' 48' 35.5" L = 100.38' T = 51.90' R = 160.00'	PI Sta 11+47.67 Δ = 22° 15' 57.2" (LT) D = 95' 29' 34.7" L = 23.32' T = 11.81' R = 60.00'	PI Sta 11+95.97 Δ = 13° 59' 01.4" (RT) D = 19' 05' 54.9" L = 73.22' T = 36.79' R = 300.00'
PI Sta 12+60.97 Δ = 16° 15' 36.7" (RT) D = 28' 38' 52.4" L = 56.76' T = 28.57' R = 200.00'			



-RAB_EAST-			
PI Sta 10+06.65 Δ = 15° 09' 21.7" (RT) D = 114' 35' 29.6" L = 13.23' T = 6.65' R = 50.00'	PI Sta 10+43.49 Δ = 20° 47' 06.9" (RT) D = 34' 43' 29.0" L = 59.86' T = 30.26' R = 165.00'	PI Sta 11+14.24 Δ = 15° 37' 23.0" (RT) D = 19' 05' 54.9" L = 81.80' T = 41.16' R = 300.00'	PI Sta 11+83.46 Δ = 16° 15' 36.7" (RT) D = 28' 38' 52.4" L = 56.76' T = 28.57' R = 200.00'

-RAB_NORTH-	
PI Sta 10+49.18 Δ = 15° 51' 56.8" (RT) D = 114' 35' 29.6" L = 13.85' T = 6.97' R = 50.00'	PI Sta 11+00.65 Δ = 32° 05' 52.9" (RT) D = 36° 57' 54.1" L = 86.83' T = 44.59' R = 155.00'

-RAI-			
PI Sta 10+42.00 Δ = 90° 00' 00.0" (LT) D = 136° 25' 06.7" L = 65.97' T = 42.00' R = 42.00'	PI Sta 11+07.97 Δ = 90° 00' 00.0" (LT) D = 136° 25' 06.7" L = 65.97' T = 42.00' R = 42.00'	PI Sta 11+73.95 Δ = 90° 00' 00.0" (LT) D = 136° 25' 06.7" L = 65.97' T = 42.00' R = 42.00'	PI Sta 12+39.92 Δ = 90° 00' 00.0" (LT) D = 136° 25' 06.7" L = 65.97' T = 42.00' R = 42.00'

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