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8/17/99

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

PROJECT REFERENCE NO.	SHEET NO.
B-5869	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27391 ENGINEER MICHAEL DAVID ALBEN
DocuSigned by: Michael David Alben
33F900AFEDAE4FF...
MOTT MACDONALD 18, E, LLC
LICENSE NO. F-0669
3/27/2023

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER JOSHUA G. DALTON
DocuSigned by: Joshua G. Dalton
1089ADBC14994C3...
SUNGATE DESIGN GROUP, P.A.
LICENSE NO. C-890
3/27/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
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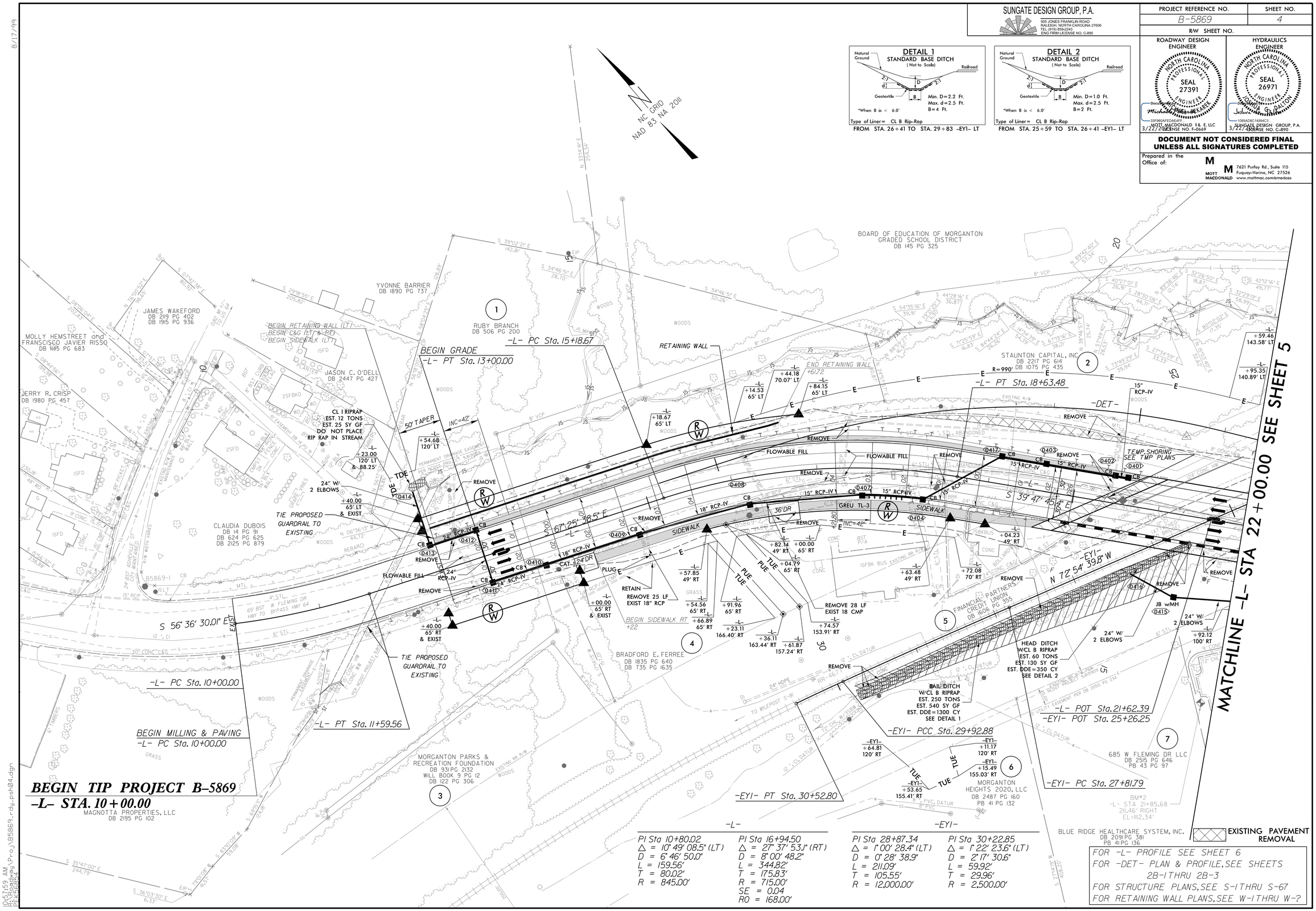

-L-	
PI Sta 10+80.02	PI Sta 16+94.50
Δ = 10° 49' 08.5" (LT)	Δ = 27° 37' 53.1" (RT)
D = 6° 46' 50.0"	D = 8° 00' 48.2"
L = 159.56'	L = 344.82'
T = 80.02'	T = 175.83'
R = 845.00'	R = 715.00'
	SE = 0.04
	RO = 168.00'

-EY1-	
PI Sta 28+87.34	PI Sta 30+22.85
Δ = 1° 00' 28.4" (LT)	Δ = 1° 22' 23.6" (LT)
D = 0° 28' 38.9"	D = 2° 17' 30.6"
L = 211.09'	L = 59.92'
T = 105.55'	T = 29.96'
R = 12,000.00'	R = 2,500.00'

FOR -L- PROFILE SEE SHEET 6
FOR -DET- PLAN & PROFILE, SEE SHEETS 2B-1 THRU 2B-3
FOR STRUCTURE PLANS, SEE S-1 THRU S-67
FOR RETAINING WALL PLANS, SEE W-1 THRU W-?

10/5/2023 2:59 AM
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