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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	2B-1
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 27391 ENGINEER
Michael Parker
33F960AF1E1F4E3...
MOTT MACDONALD I & E, LLC
3/27/2024
LICENSE NO. F-0669

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER
Joshua Eldridge
1089ADBC1486...
SUNGATE DESIGN GROUP, P.A.
3/27/2024
LICENSE NO. C-890

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of:
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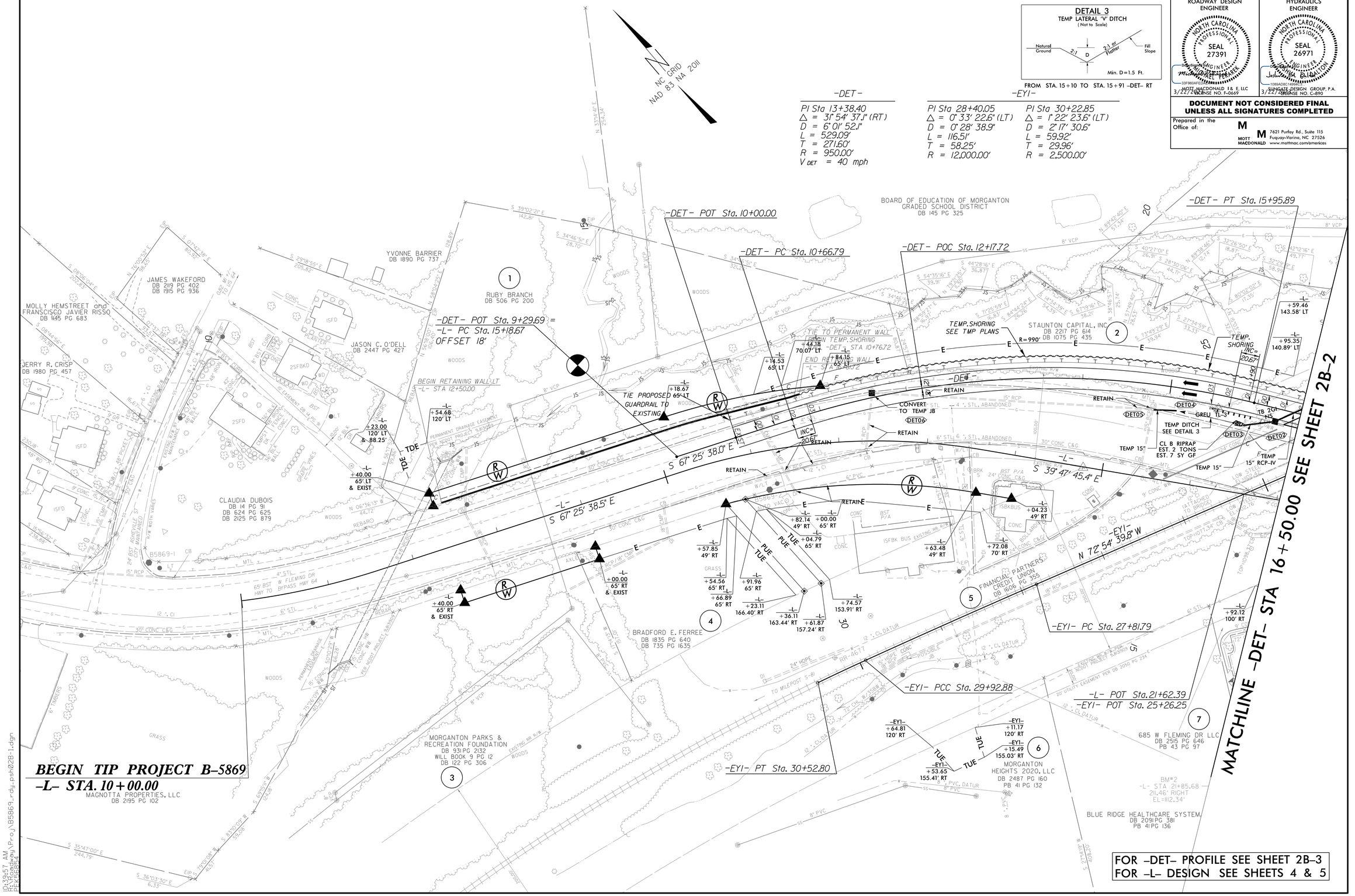
DETAIL 3
TEMP LATERAL 'V' DITCH
(Not to Scale)

FROM STA. 15+10 TO STA. 15+91 –DET– RT

–DET–
PI Sta 13+38.40
△ = 31° 54' 37.1" (RT)
D = 6° 01' 52.1"
L = 529.09'
T = 271.60'
R = 950.00'
V_{DET} = 40 mph

–EY1–
PI Sta 28+40.05
△ = 0° 33' 22.6" (LT)
D = 0° 28' 38.9"
L = 116.51'
T = 58.25'
R = 12,000.00'

PI Sta 30+22.85
△ = 1° 22' 23.6" (LT)
D = 2° 17' 30.6"
L = 59.92'
T = 29.96'
R = 2,500.00'



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