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PROJECT REFERENCE NO.	SHEET NO.
R-2707C	17
R/W SHEET NO.	

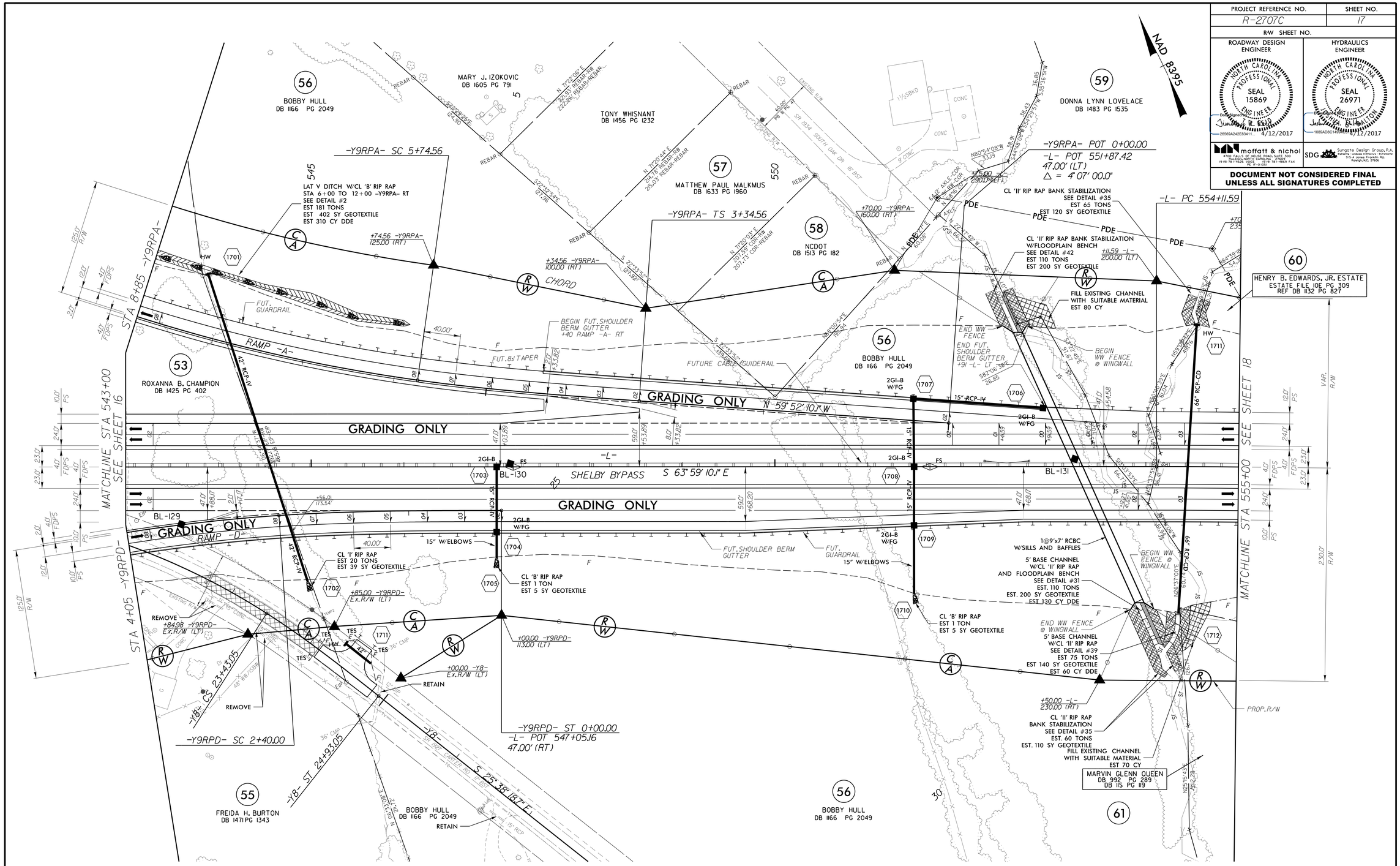
ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 15869 ENGINEER — 4/12/2017

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER — 4/12/2017

moffatt & nichol — 4700 FALLS OF NEUSE ROAD, SUITE 300, RALEIGH, NORTH CAROLINA 27609, (919) 781-4626 VOICE, (919) 781-4865 FAX

SDG Sungate Design Group, P.A. — 513-A James Faircloth Rd., Raleigh, N.C. 27606

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-L-

PI Sta 563+32.45
Δ = 13° 44' 47.7" (RT)
D = 0° 45' 00.0"
L = 1,832.88'
T = 920.86'
R = 7,639.44'
SE = .03
RO = 150.00'

-Y9RPA-

PIs Sta 4+94.60
Θs = 3° 46' 39.9"
Ls = 240.00'
LT = 160.04'
ST = 80.03'

PI Sta 8+93.97
Δ = 19° 54' 27.3" (RT)
D = 3° 08' 53.2"
L = 632.36'
T = 319.40'
R = 1,820.00'
SE = .08
RO = 240'

-Y9RPD-

PIs Sta 1+60.04
Θs = 3° 46' 39.9"
Ls = 240.00'
LT = 160.04'
ST = 80.03'

PI Sta 5+52.62
Δ = 19° 29' 34.6" (LT)
D = 3° 08' 53.2"
L = 619.19'
T = 312.62'
R = 1,820.00'
SE = .08
RO = 240'

-Y8-

PI Sta 21+71.57
Δ = 26° 47' 34.0" (RT)
D = 7° 40' 00.0"
L = 349.47'
T = 177.99'
R = 747.34'

PIs Sta 23+93.09
Θs = 5° 45' 00.0"
Ls = 150.00'
LT = 100.05'
ST = 50.05'

FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2
FOR -L- PROFILE SEE SHEET 51
FOR -Y9RPA- PROFILE SEE SHEET 61
FOR -Y9RPD- PROFILE SEE SHEET 64