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PROJECT REFERENCE NO.	SHEET NO.
R-2707C	35
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 15869 ENGINEER
DocuSigned by: Timothy R. Reid
26569A242E8341...
4/12/2017

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 26971 ENGINEER
DocuSigned by: Joshua Brandon Walton
1089AD8C1258B4...
4/12/2017

moffatt & nichol
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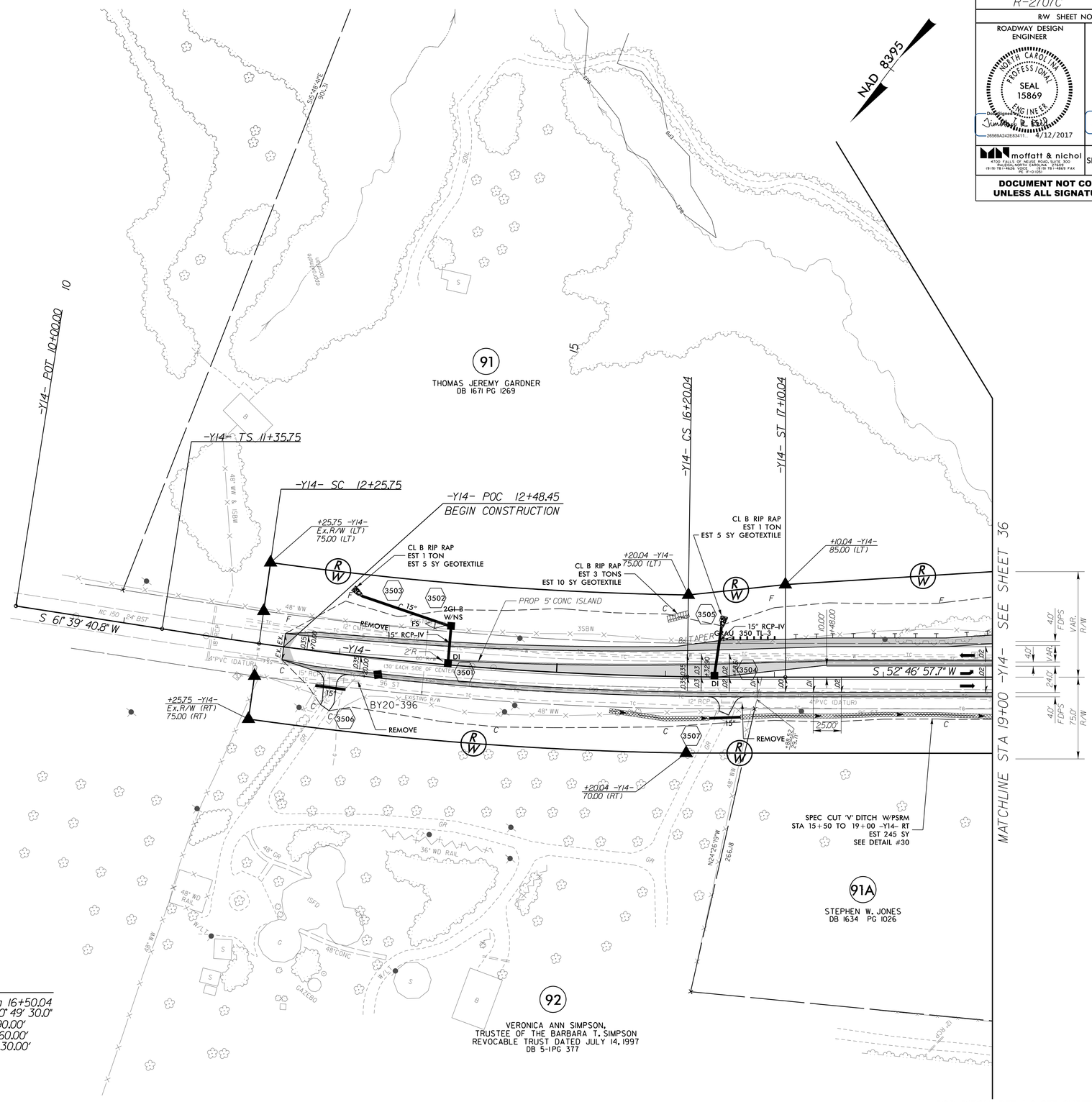
(919) 781-4626 VOICE (919) 781-4865 FAX
FIRM LICENSE # C-0110

SDG Sungate Design Group, P.A.
Engineers · Licensed architects · Surveyors
5104 James Pringle Rd.
Raleigh, N.C. 27606

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



-Y14-

PIs Sta 11+95.75	PI Sta 14+23.15	PIs Sta 16+50.04
Θs = 0° 49' 30.0"	Δ = 7° 13' 43.1" (LT)	Θs = 0° 49' 30.0"
Ls = 90.00'	D = 1° 50' 00.0"	Ls = 90.00'
LT = 60.00'	L = 394.29	LT = 60.00'
ST = 30.00'	T = 197.41'	ST = 30.00'
	R = 3,125.22'	
	SE = .035	
	R0 = 90'	

FOR DITCH DETAILS SEE SHEETS 2D-1 AND 2D-2
FOR -Y14- PROFILE SEE SHEET 69