



2610 WYCLIFF ROAD  
SUITE 410  
RALEIGH, NC 27607  
PHONE: 919.883.9329  
NC CCA No. F-0029

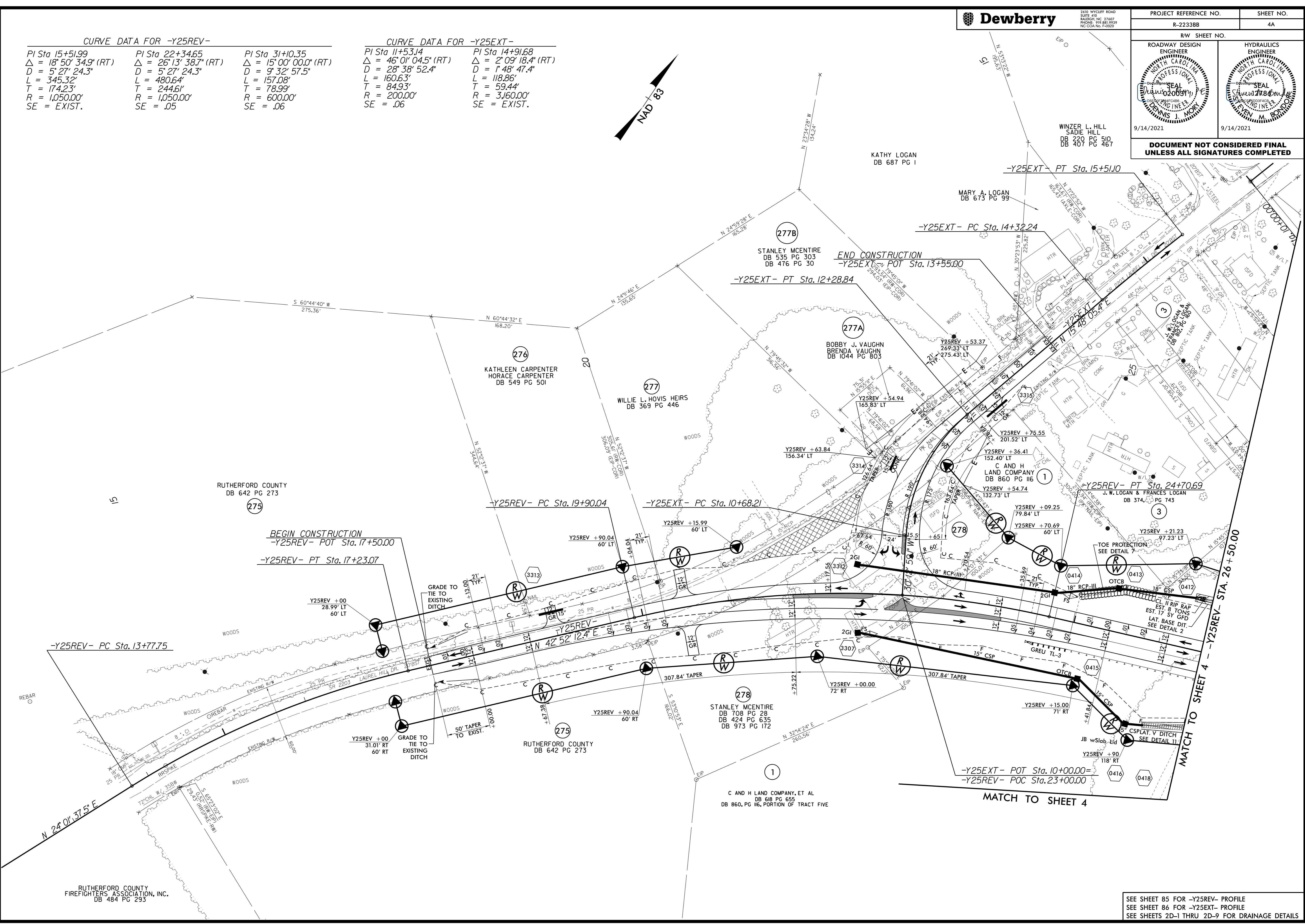
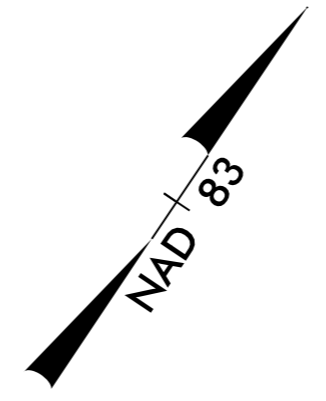
PROJECT REFERENCE NO. R-2233BB		SHEET NO. 4A
R/W SHEET NO.		
ROADWAY DESIGN ENGINEER 	HYDRAULICS ENGINEER 	
9/14/2021	9/14/2021	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>		

**CURVE DATA FOR -Y25REV-**

PI Sta 15+51.99	PI Sta 22+34.65	PI Sta 31+10.35
$\Delta = 18^{\circ}50'34.9"$ (RT)	$\Delta = 26^{\circ}13'38.7"$ (RT)	$\Delta = 15^{\circ}00'00.0"$ (RT)
D = 5'27'24.3"	D = 5'27'24.3"	D = 9'32'57.5"
L = 345.32'	L = 480.64'	L = 157.08'
T = 174.23'	T = 244.61'	T = 78.99'
R = 1,050.00'	R = 1,050.00'	R = 600.00'
SE = EXIST.	SE = .05	SE = .06

**CURVE DATA FOR -Y25EXT-**

PI Sta 11+53.14	PI Sta 14+91.68
$\Delta = 46^{\circ}01'04.5"$ (RT)	$\Delta = 2^{\circ}09'18.4"$ (RT)
D = 28'38'52.4"	D = 1'48'47.4"
L = 160.63'	L = 118.86'
T = 84.93'	T = 59.44'
R = 200.00'	R = 3,160.00'
SE = .06	SE = EXIST.



9/13/2021 9:45:43 AM  
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RUTHERFORD COUNTY  
FIREFIGHTERS ASSOCIATION, INC.  
DB 484 PG 293

SEE SHEET 85 FOR -Y25REV- PROFILE  
SEE SHEET 86 FOR -Y25EXT- PROFILE  
SEE SHEETS 2D-1 THRU 2D-9 FOR DRAINAGE DETAILS