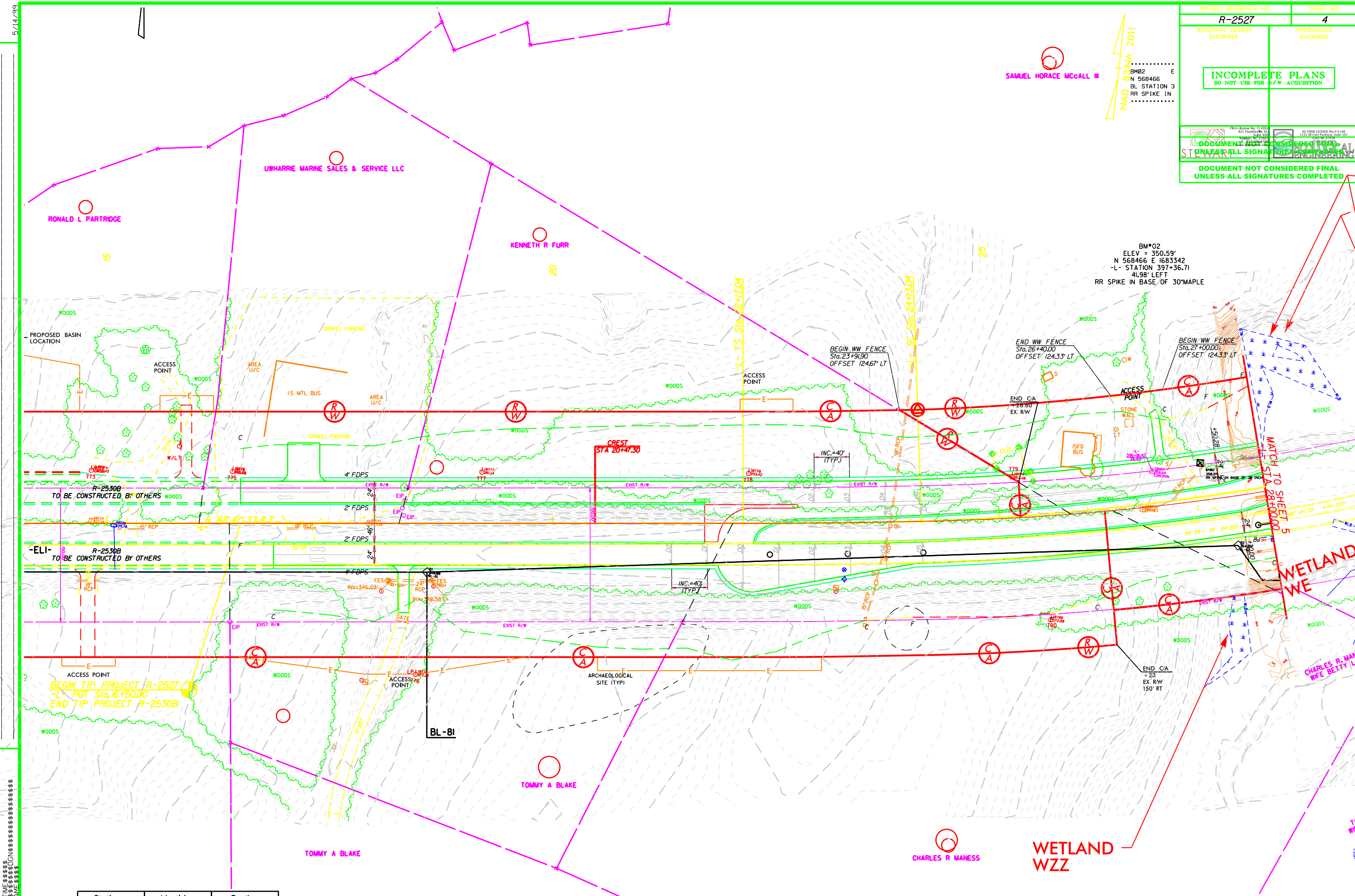


PROJECT REFERENCE NO.	SHEET NO.
R-2527	4
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

MAD 83/NA 2011
 BM#02 E
 N 568466
 BL STATION 3
 RR SPIKE IN

BM#02
 ELEV = 350.59'
 N 568466 E 1683342
 -L- STATION 397+36.71
 41.98' LEFT
 RR SPIKE IN BASE OF 30' MAPLE



REVISIONS

5/14/99

	Station	Northing	Easting
R-2527	10+34.80	568215.5816	1681667.9273
R-2530B	380+39.50	568215.7446	1681668.3788

FOR INTERSECTION DETAIL SEE SHEET 28-1
 FOR -L- PROFILE SEE SHEET 40

PROJECT REFERENCE NO.	SHEET NO.
R-2527	5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<i>[Signature]</i>	<i>[Signature]</i>

INCOMPLETE PLANS
DO NOT BE USED FOR CONSTRUCTION

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES ARE COMPLETED

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

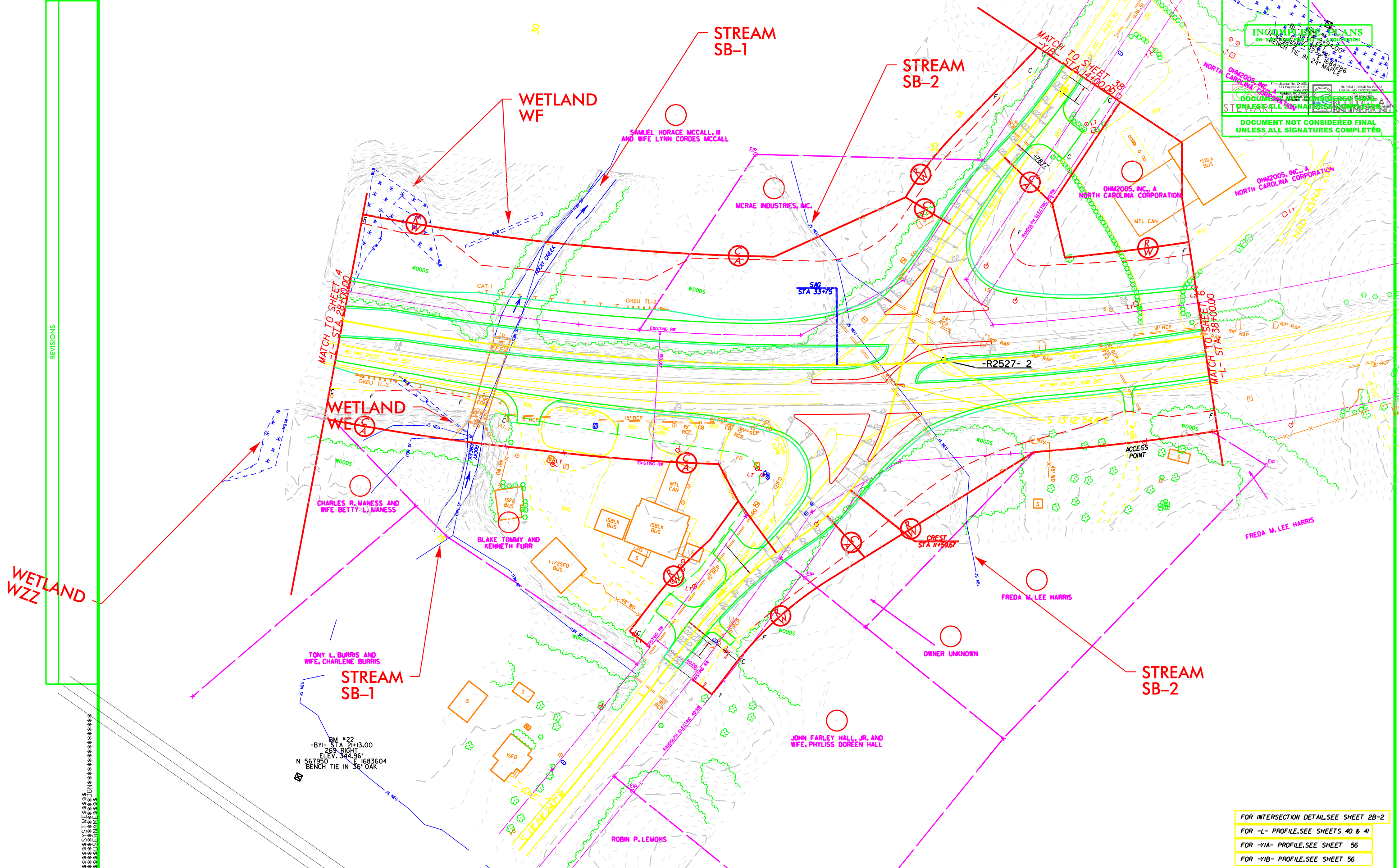
REVISIONS

5/14/99

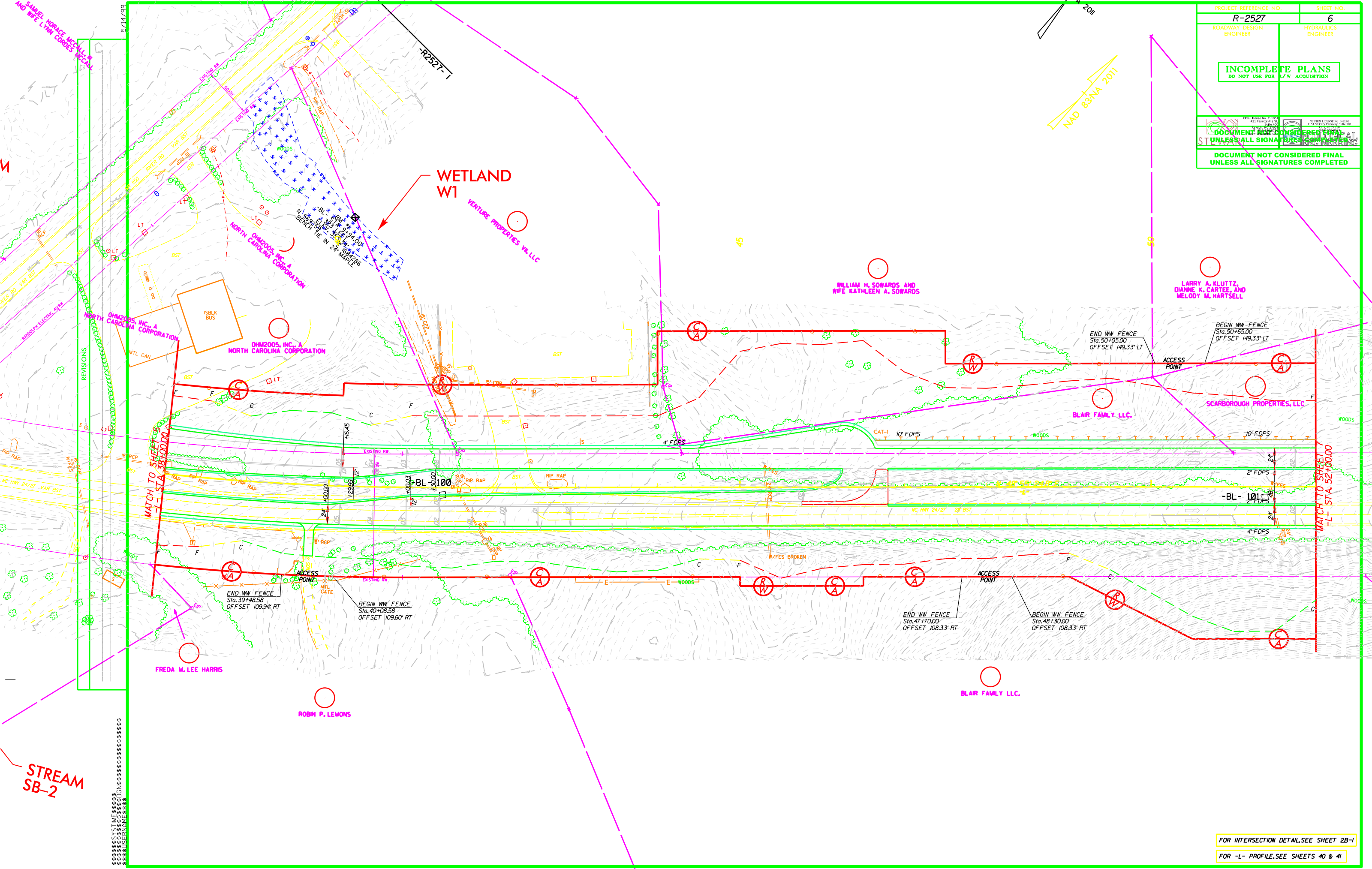
WETLAND WZZ

BM #22
-BYI- STA 21+13.00
269' RIGHT
ELEV. 344.96'
N 567950 E 1683604
BENCH TIE IN 36' OAK

FOR INTERSECTION DETAIL SEE SHEET 2B-2
FOR -L- PROFILE SEE SHEETS 40 & 41
FOR -YIA- PROFILE SEE SHEET 56
FOR -YIB- PROFILE SEE SHEET 56



PROJECT REFERENCE NO. R-2527	SHEET NO. 6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



STREAM SB-2

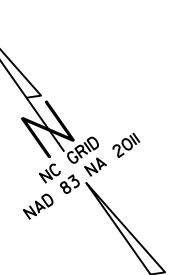
FOR INTERSECTION DETAIL SEE SHEET 2B-1

FOR -L- PROFILE, SEE SHEETS 40 & 41

5/14/99

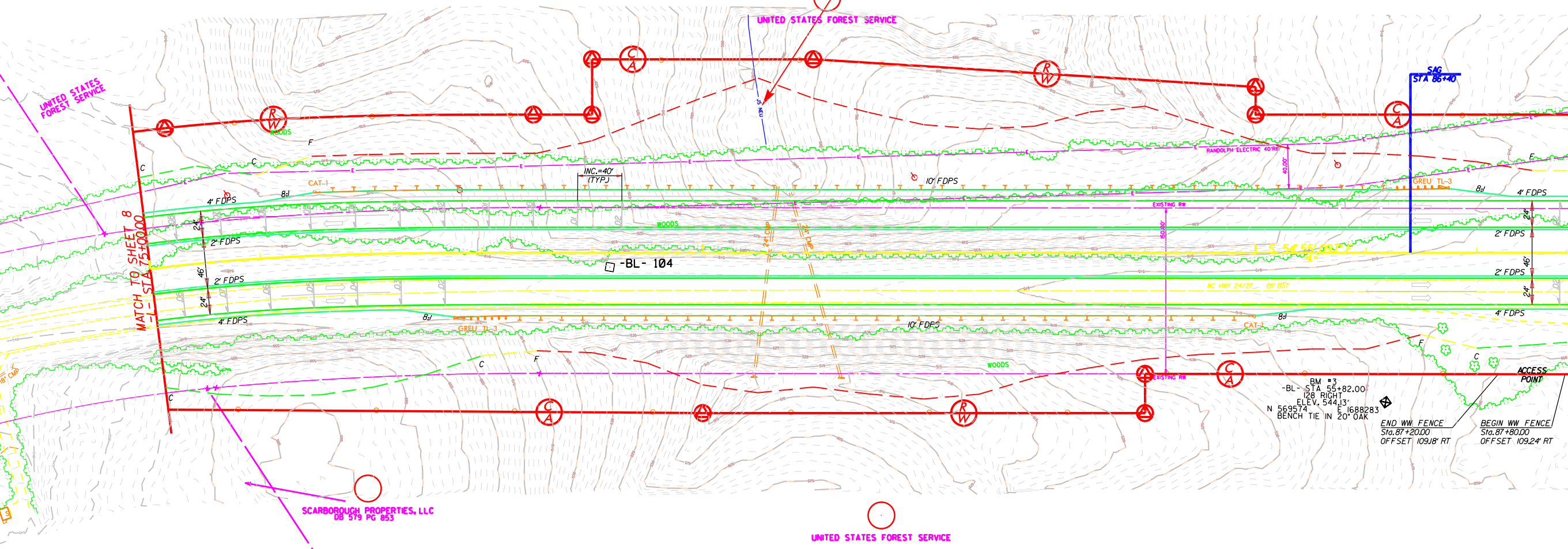
REVISIONS

PROJECT REFERENCE NO. R-2527	SHEET NO. 9
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
<small>Form License No. C-1003 421 Fayetteville St. Raleigh, NC 27601</small> 	<small>NC PERM LICENSE NO. E1148 1113 8th Street, Raleigh, NC 27601</small>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE PRESENT	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



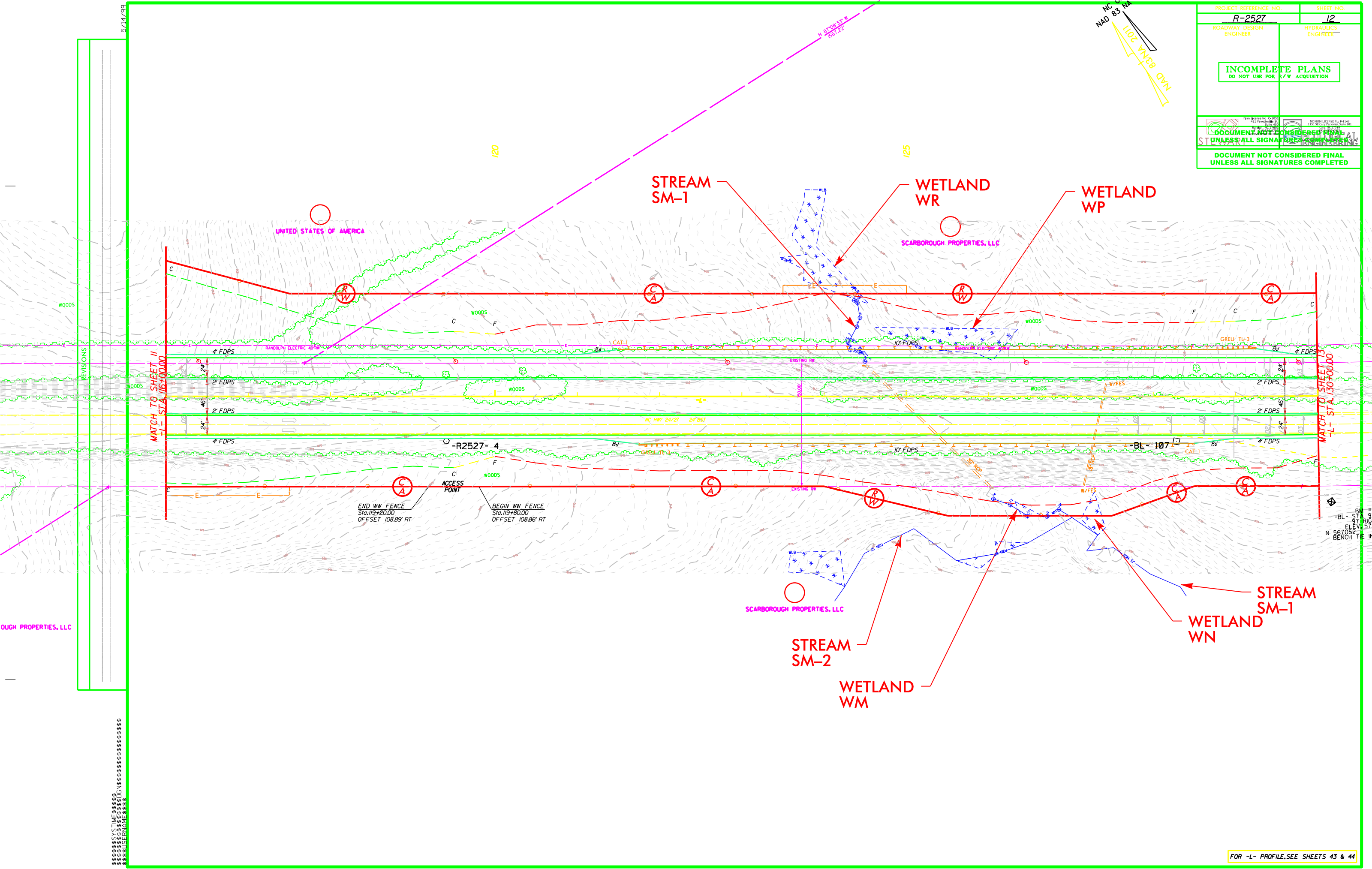
NAD 83/NA 2011

STREAM SJ

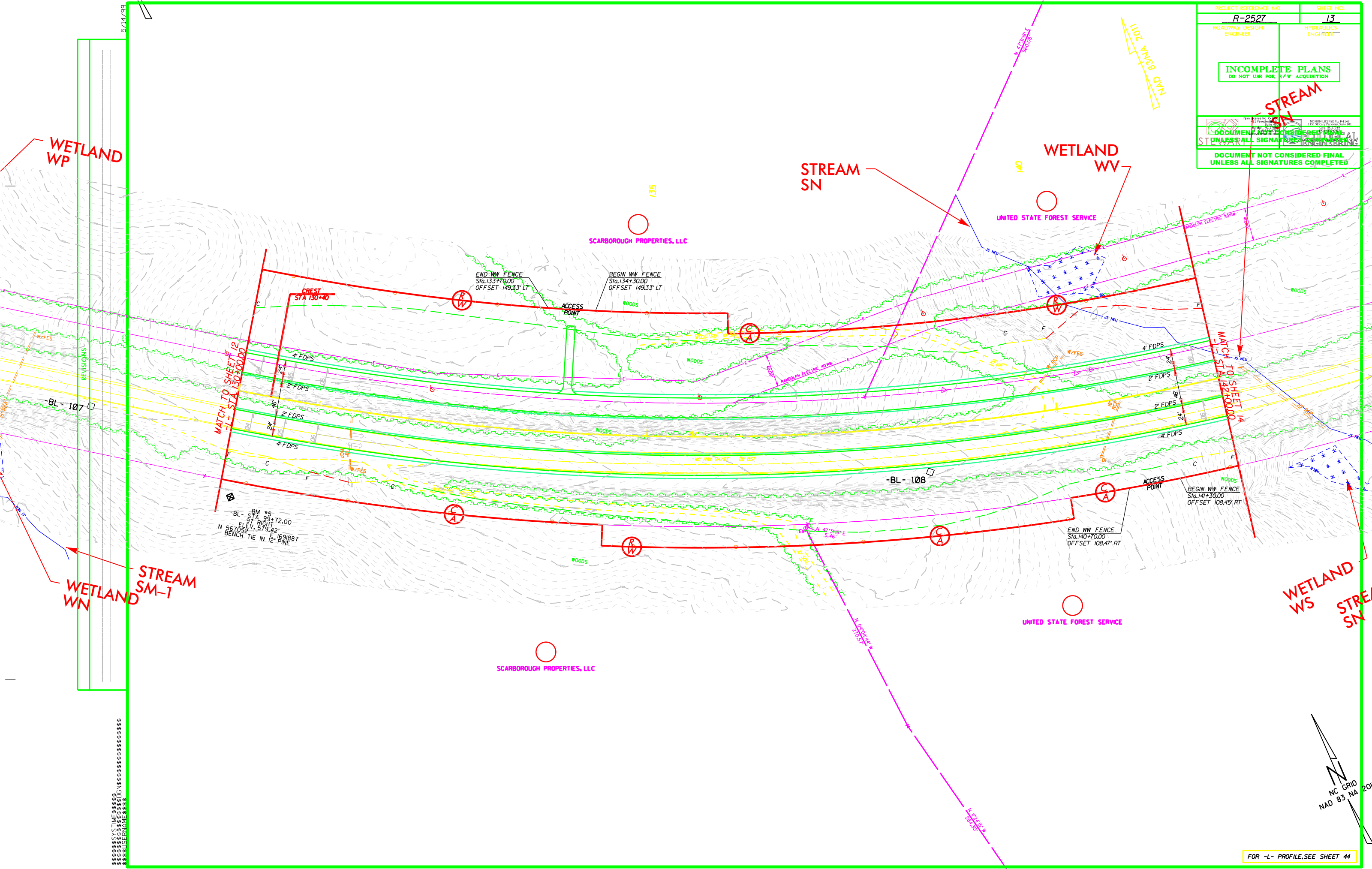


FOR -L- PROFILE, SEE SHEET 42

PROJECT REFERENCE NO. R-2527	SHEET NO. 12
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR P/W ACQUISITION	
 <small>Form License No. C-1103 421 Fayetteville St. Raleigh, NC 27601</small>	 <small>NC PERM LICENSE NO. E21148 1113 Elk Camp Parkway, Suite 110 Raleigh, NC 27605</small>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

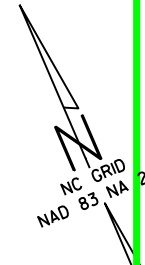


PROJECT REFERENCE NO. R-2527	SHEET NO. 13
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	



5/14/99

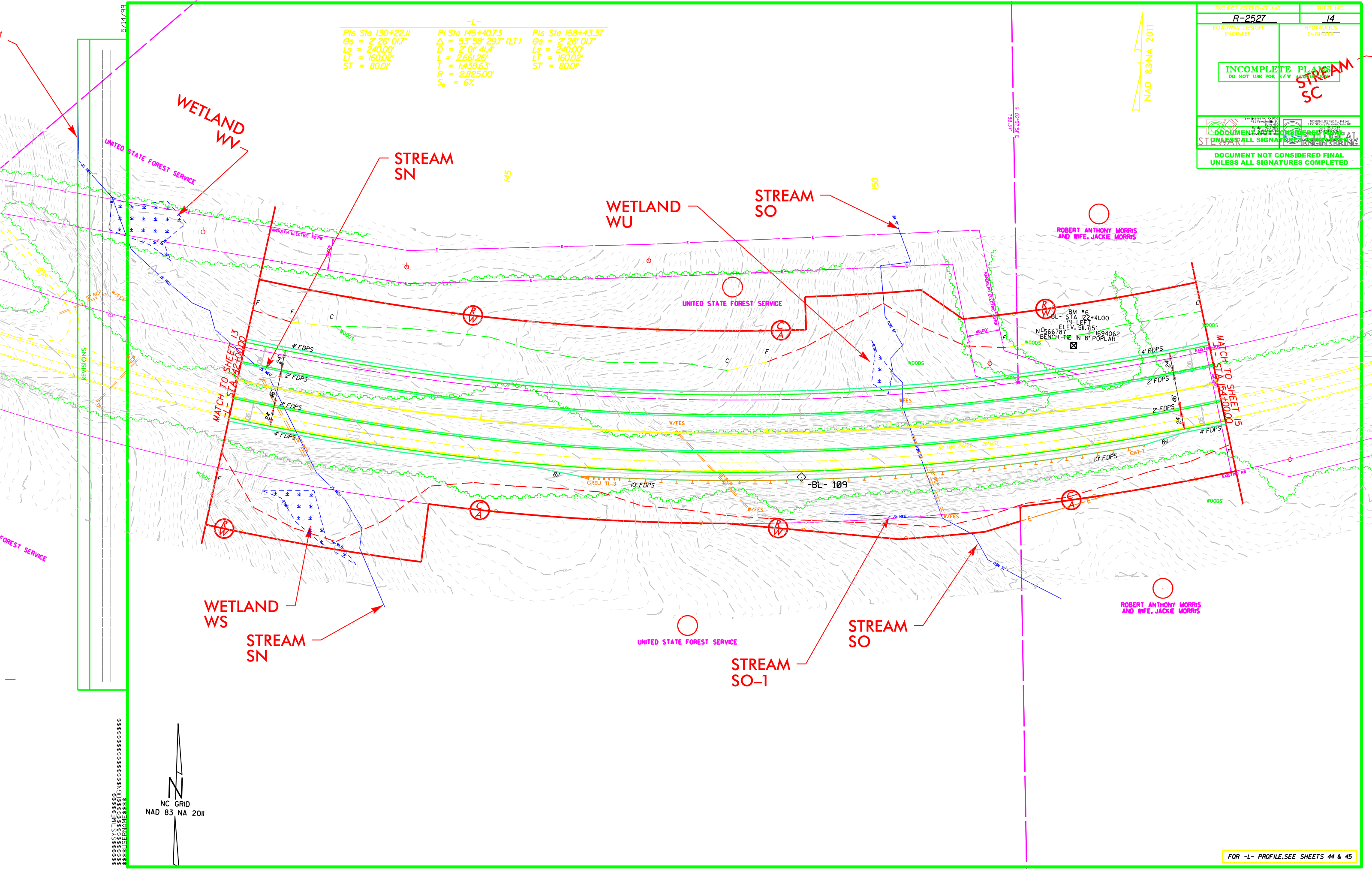
REVISIONS



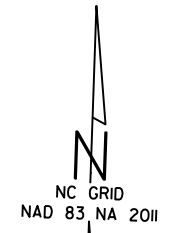
-L-		
PIs Sta 130+22.11	PI Sta 145+40.73	PIs Sta 158+43.37
$\theta_s = 2' 26' 01.7"$	$\Delta = 53' 58' 29.7" (LT)$	$\theta_s = 2' 26' 01.7"$
Ls = 240.00'	D = 2' 01' 41.4"	Ls = 240.00'
LT = 160.02'	L = 2,661.26'	LT = 160.02'
ST = 80.01'	T = 1,438.63'	ST = 80.01'
	R = 2,825.00'	
	$S_p = 6\%$	

PROJECT REFERENCE NO. R-2527	SHEET NO. 14
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W AS SHOWN	
STREAM SC	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NA 2011



REVISIONS

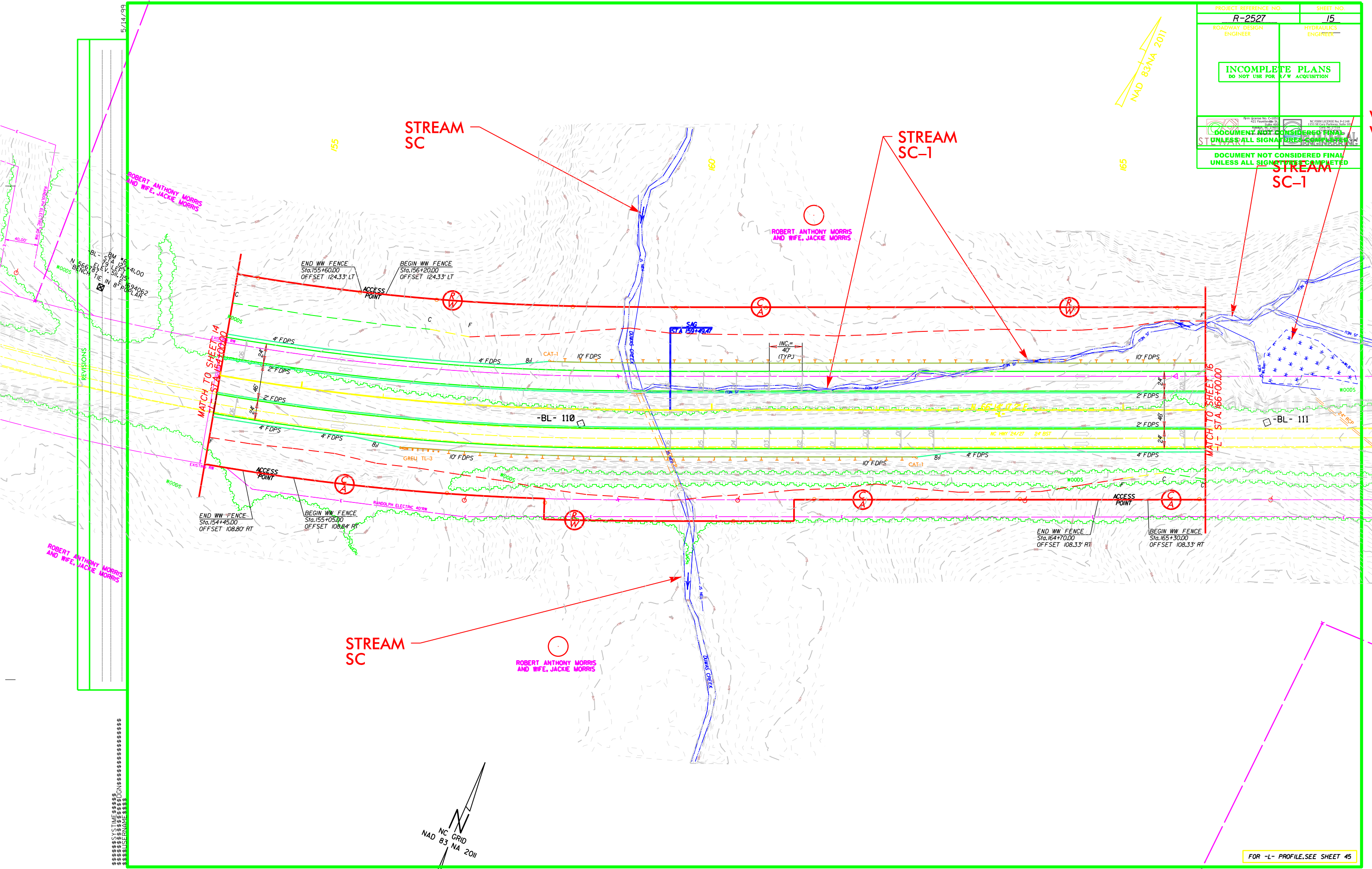


PROJECT REFERENCE NO. R-2527	SHEET NO. 15
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NA 2011

5/14/99

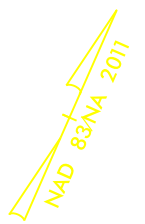
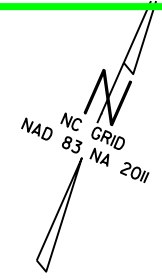
REVISIONS



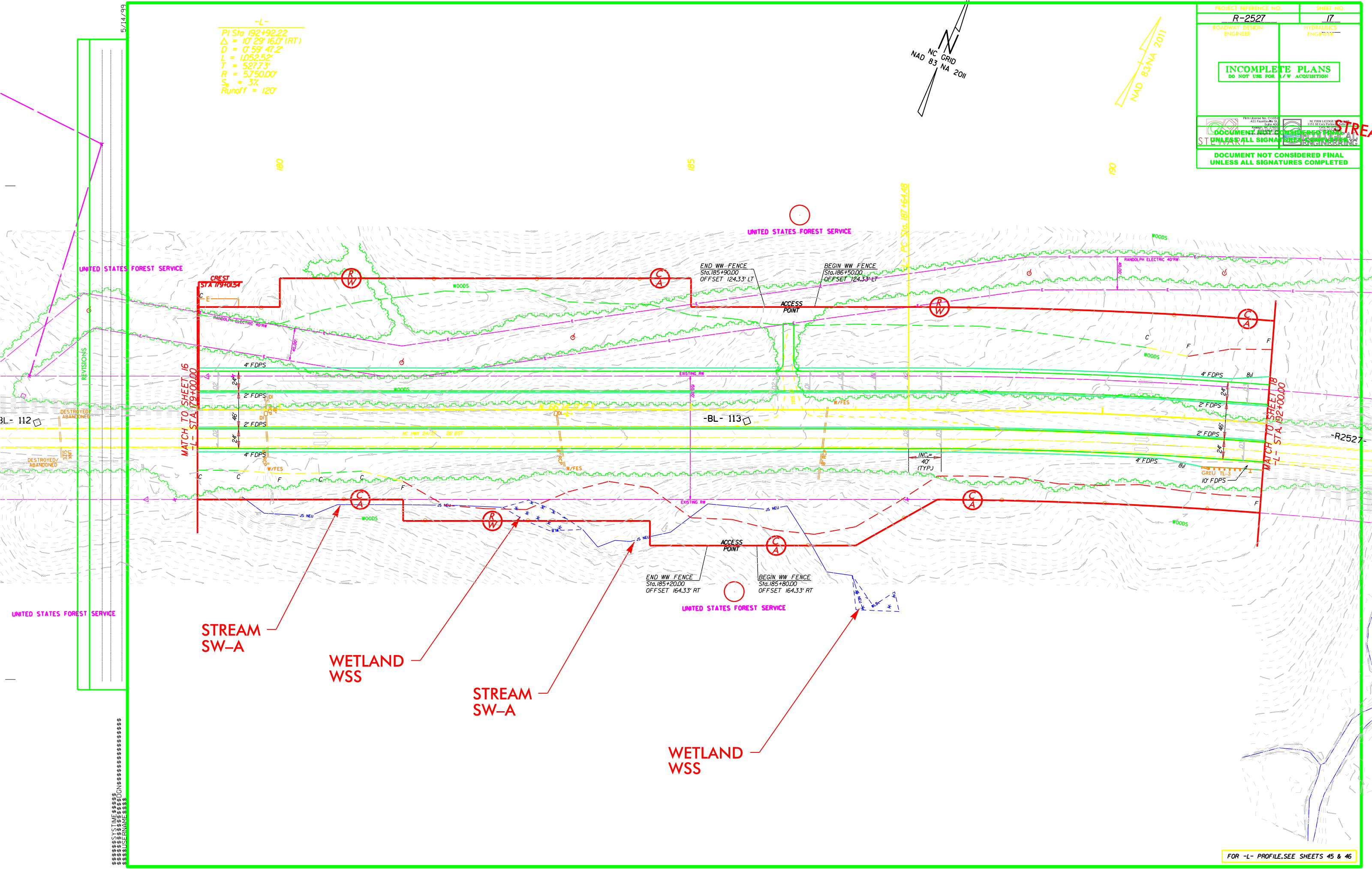
NC GRID
NAD 83 NA 2011

FOR -L- PROFILE, SEE SHEET 45

-L-
 PI Sta 192+92.22
 Δ = 10° 29' 16.0" (RT)
 D = 0° 59' 47.2"
 L = 1,052.52'
 T = 527.73'
 R = 5,750.00'
 S_v = 3%
 Runoff = 120'



PROJECT REFERENCE NO. R-2527	SHEET NO. 17
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETE	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETE	



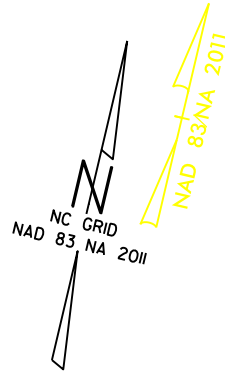
STREAM SW-A

WETLAND WSS

STREAM SW-A

WETLAND WSS

PROJECT REFERENCE NO. R-2527	SHEET NO. 18
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



STREAM SD

STREAM SD-1

STREAM SD

MATCH TO SHEET 17
-L- STA 192+00.00

MATCH TO SHEET 19
-L- STA 206+00.00



FOR -L- PROFILE, SEE SHEET 46

NO.	DATE	REVISIONS

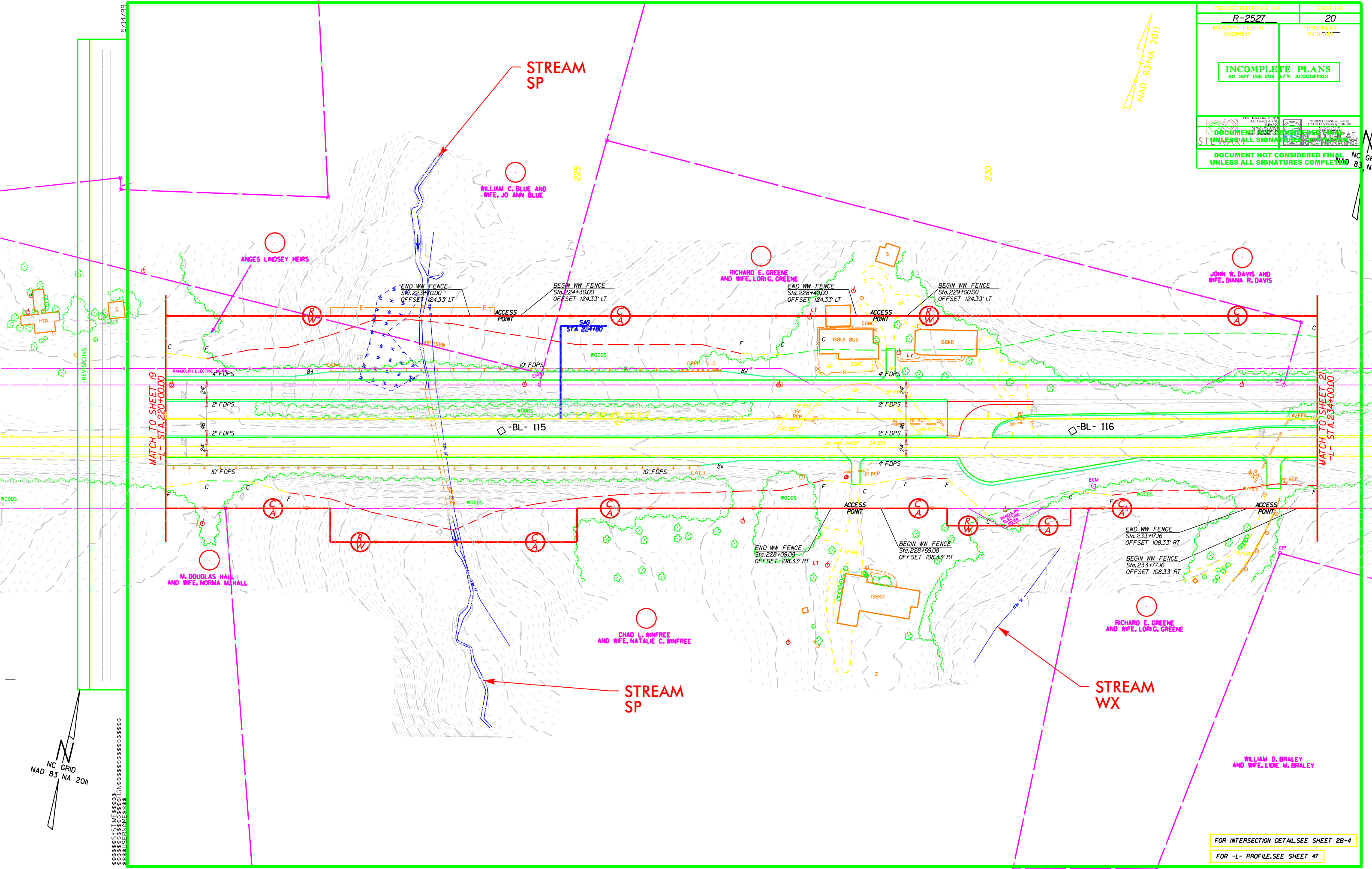
5/14/99

\$\$\$

PROJECT REFERENCE NO. R-2527	SHEET NO. 20
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE PRESENT	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

NAD 83/NA 2011

5/14/99



MATCH TO SHEET 19
-L- STA. 220+00.00

MATCH TO SHEET 21
-L- STA. 234+00.00

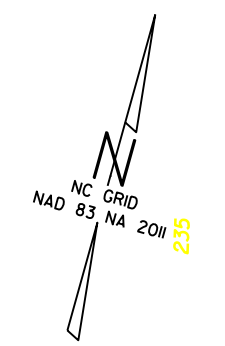
NC GRID
NAD 83 NA 2011

\$\$\$\$\$
SUSTAINABLE
\$\$\$\$\$

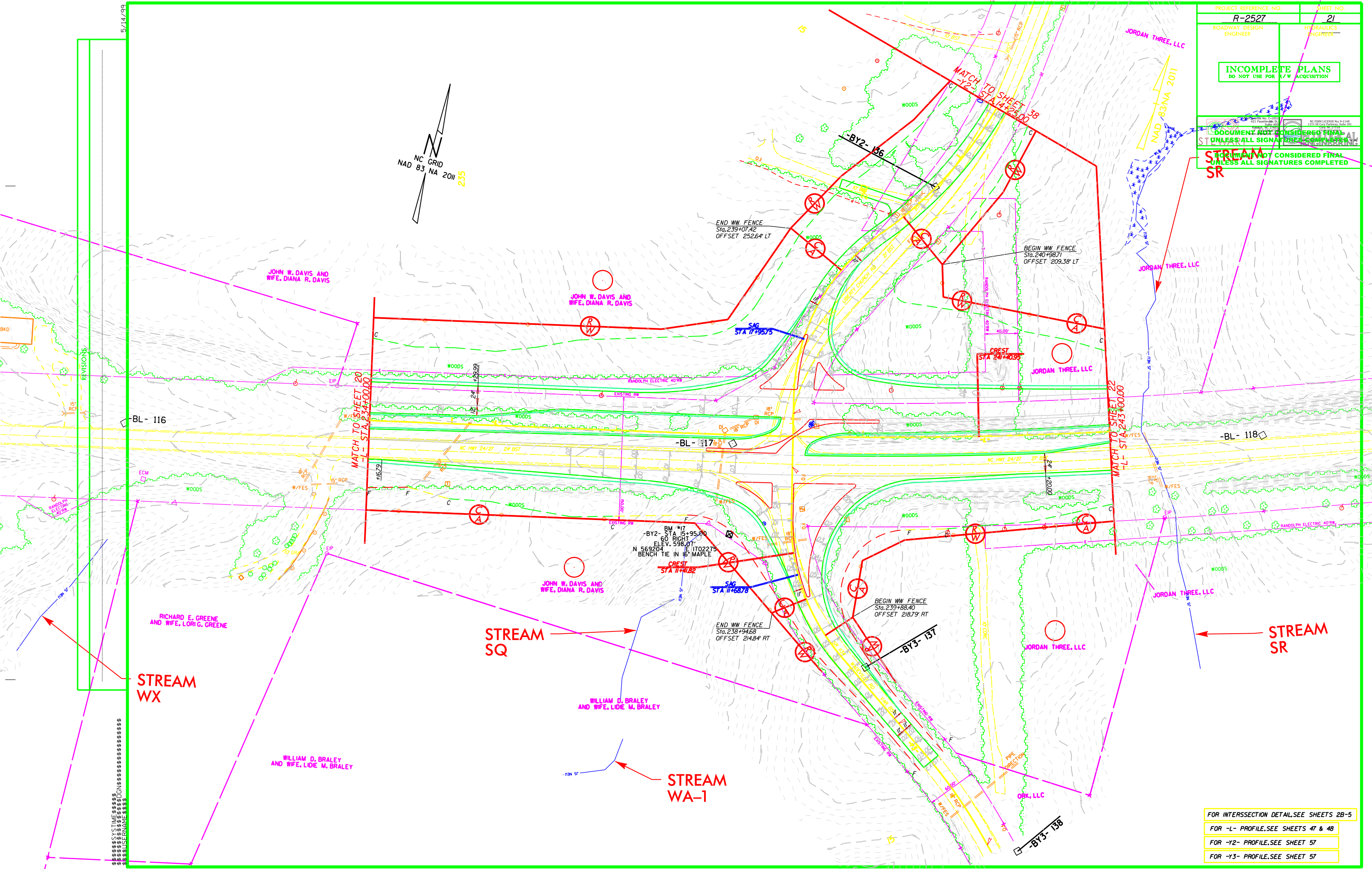
FOR INTERSECTION DETAIL, SEE SHEET 28-4
FOR -L- PROFILE, SEE SHEET 47

5/14/99

PROJECT REFERENCE NO. R-2527	SHEET NO. 21
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR A/W ACQUISITION	
<small>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED</small>	



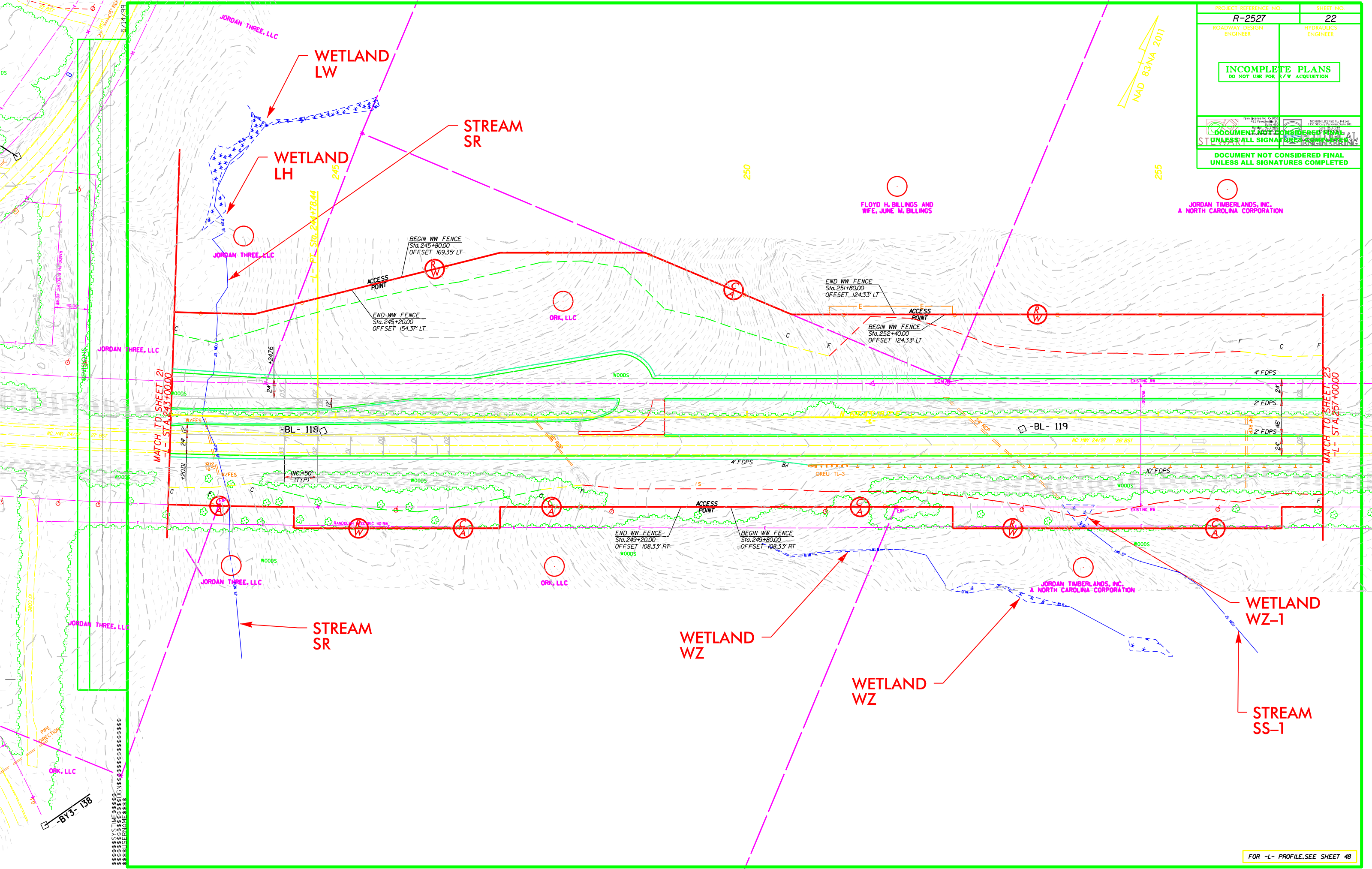
REVISIONS



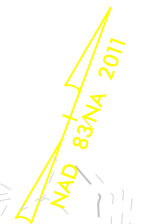
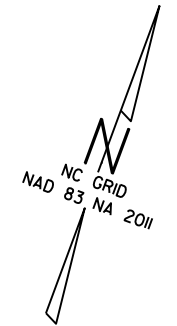
\$\$\$\$\$
CONTINUATION
\$\$\$\$\$

FOR INTERSECTION DETAIL, SEE SHEETS 2B-5
FOR -L- PROFILE, SEE SHEETS 47 & 48
FOR -Y2- PROFILE, SEE SHEET 57
FOR -Y3- PROFILE, SEE SHEET 57

PROJECT REFERENCE NO. R-2527	SHEET NO. 22
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE PRESENT	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT REFERENCE NO.	SHEET NO.
R-2527	23
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS	
DO NOT USE FOR A/W ACQUISITION	
<small>Firm License No. C-1187 421 Fayetteville St. Raleigh, NC 27601</small>	<small>NC PERM LICENSE NO. P1148 113 St. John's Rd. Raleigh, NC 27601</small>
DOCUMENT NOT CONSIDERED FINAL	
UNLESS ALL SIGNATURES ARE COMPLETE	
DOCUMENT NOT CONSIDERED FINAL	
UNLESS ALL SIGNATURES ARE COMPLETED	



JORDAN TIMBERLANDS, INC.
A NORTH CAROLINA CORPORATION

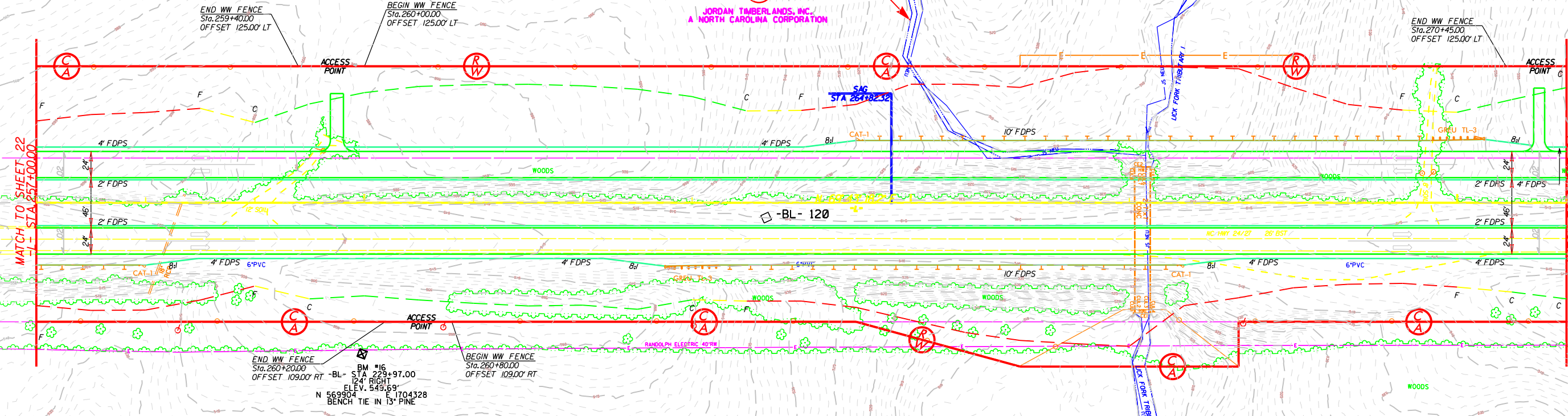
STREAM SU

STREAM SE

STREAM SE

WETLAND WZ-1

STREAM SS-1



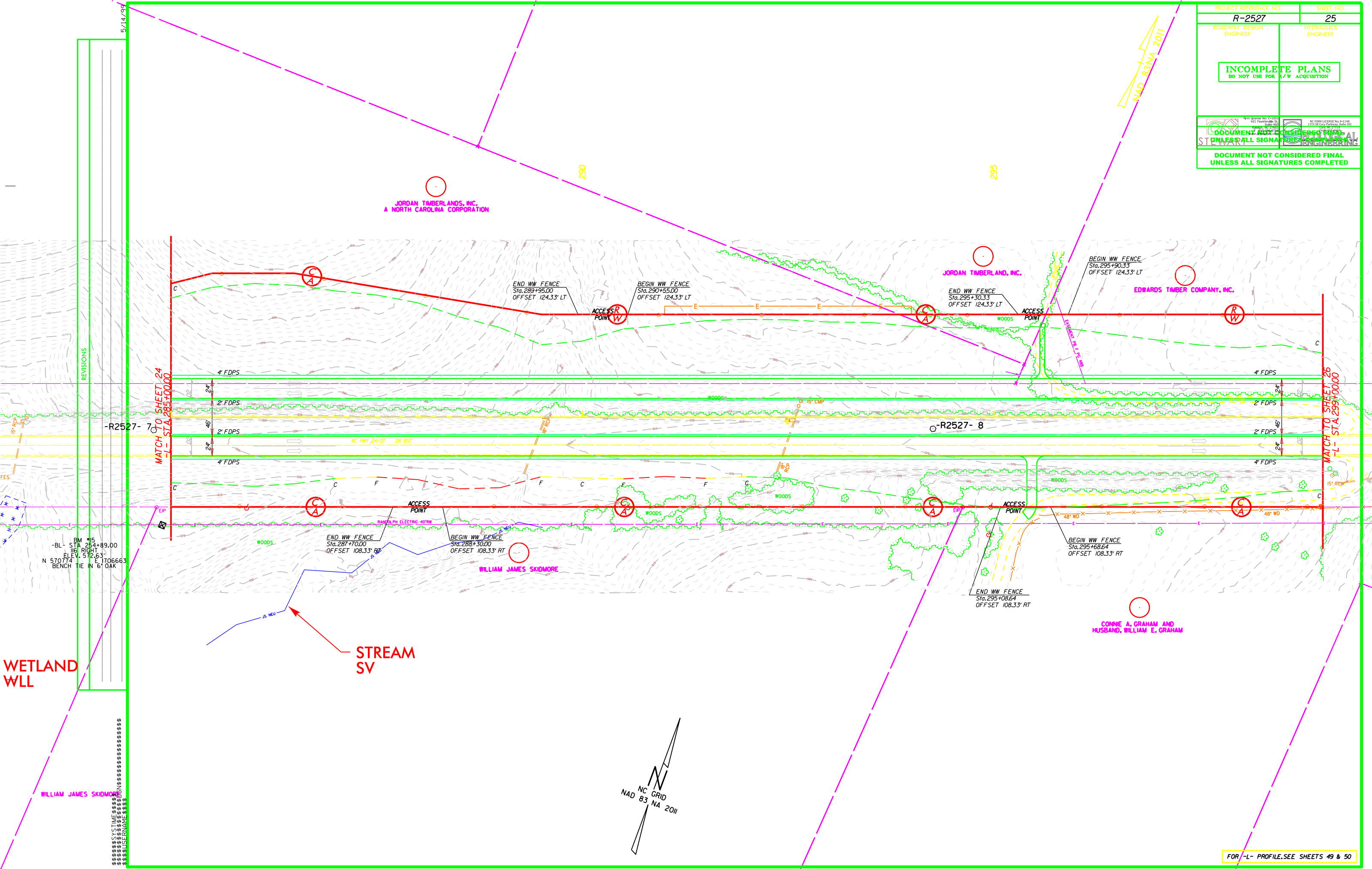
REVISIONS

5/14/99

MATCH TO SHEET 22
-L- STA 257+00.00

MATCH TO SHEET 24
-L- STA 271+00.00

PROJECT REFERENCE NO.	SHEET NO.
R-2527	25
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	
<small>Form License No. C-1303 421 Fayetteville St. Raleigh, NC 27601</small>	<small>NC PERM LICENSE NO. P-1148 1113 St. Paul Parkway, Suite 110 Raleigh, NC 27615</small>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES ARE COMPLETED	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

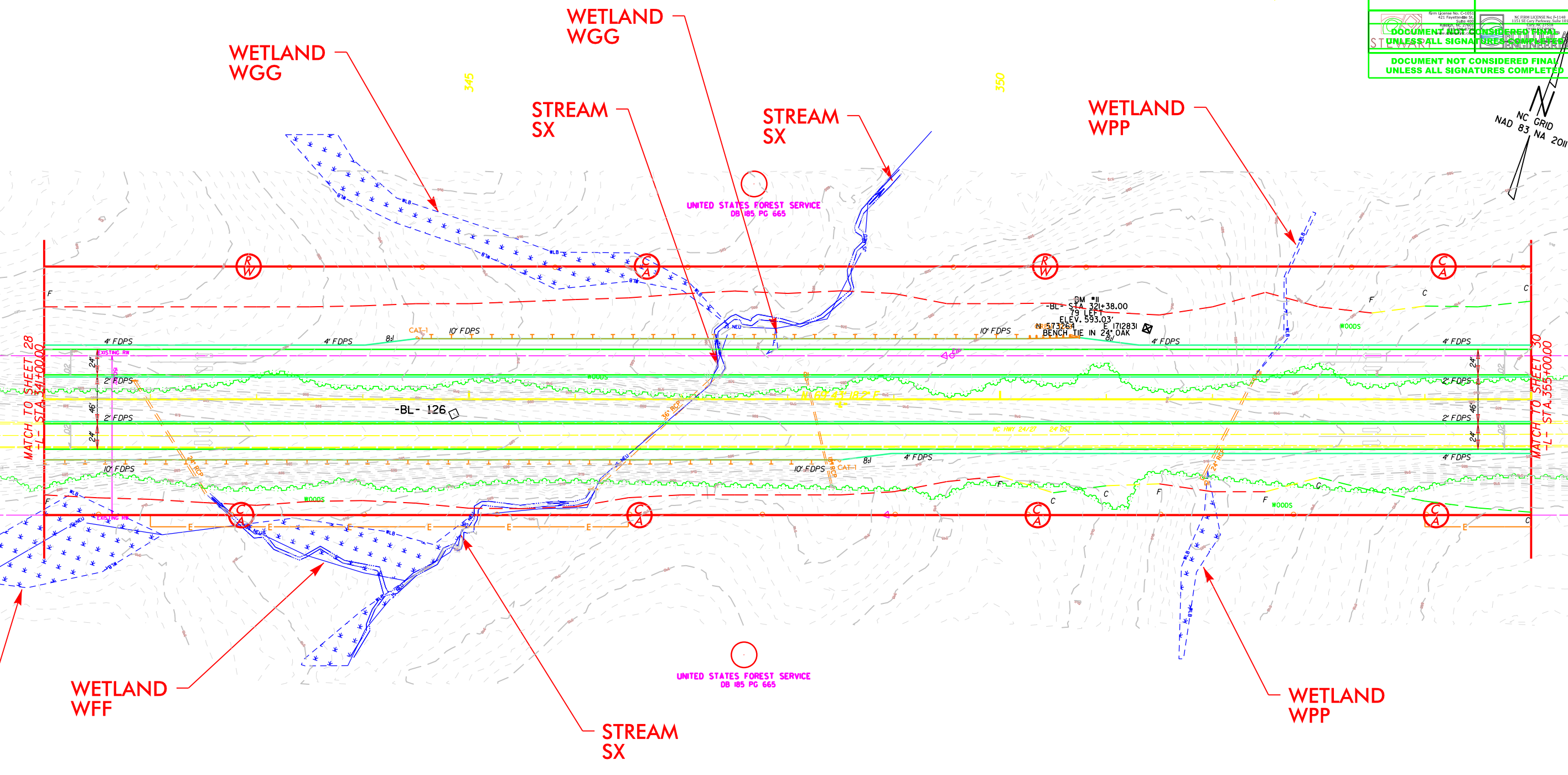
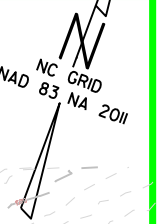
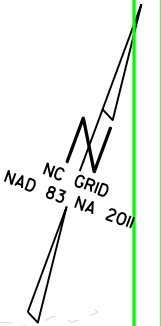
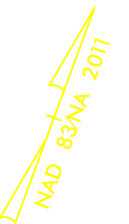


REVISIONS

5/14/99

WILLIAM JAMES SKIDMORE

FOR -L- PROFILE, SEE SHEETS 49 & 50



5/14/99

