

-RPA-	
PI Sta 14+37.950	PIs Sta 15+67.000
$\Delta = 8' 15'' 28.3''$ (LT)	$\Delta s = 1' 44'' 21.6''$
L = 201.778	Ls = 85.000
T = 101.064	LT = 56.669
R = 1,400.000	ST = 28.336
SE = .04	

-L2-	
PI Sta 14+33.404	PI Sta 16+51.640
$\Delta = 2' 49'' 34.1''$ (RT)	$\Delta = 2' 43'' 52.6''$ (LT)
L = 221.964	L = 214.513
T = 111.005	T = 107.277
R = 4,500.000	R = 4,500.000

**METRIC**

PROJECT REFERENCE NO. R-2562D SHEET NO. 18

R/W SHEET NO.

ROADWAY DESIGN ENGINEER

HYDRAULICS ENGINEER

**PRELIMINARY PLANS**  
DO NOT USE FOR CONSTRUCTION

**INCOMPLETE PLANS**  
DO NOT USE FOR R/W ACQUISITION

CONST. REV.

R/W REV.

W. J. KING, JR.  
DB 173 PG 019  
DB 226 PG 303

W. J. KING, JR., ET AL  
(SONYA LEE K. GUYTON)  
DB 305 PG 962  
DB 328 PG 759  
WF 88 E 31

MATCH TO SHEET NO. 17

-L1- STA. 15+20.000

MATCH TO SHEET NO. 19

-L1 STA. 18+80.000

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**WE**

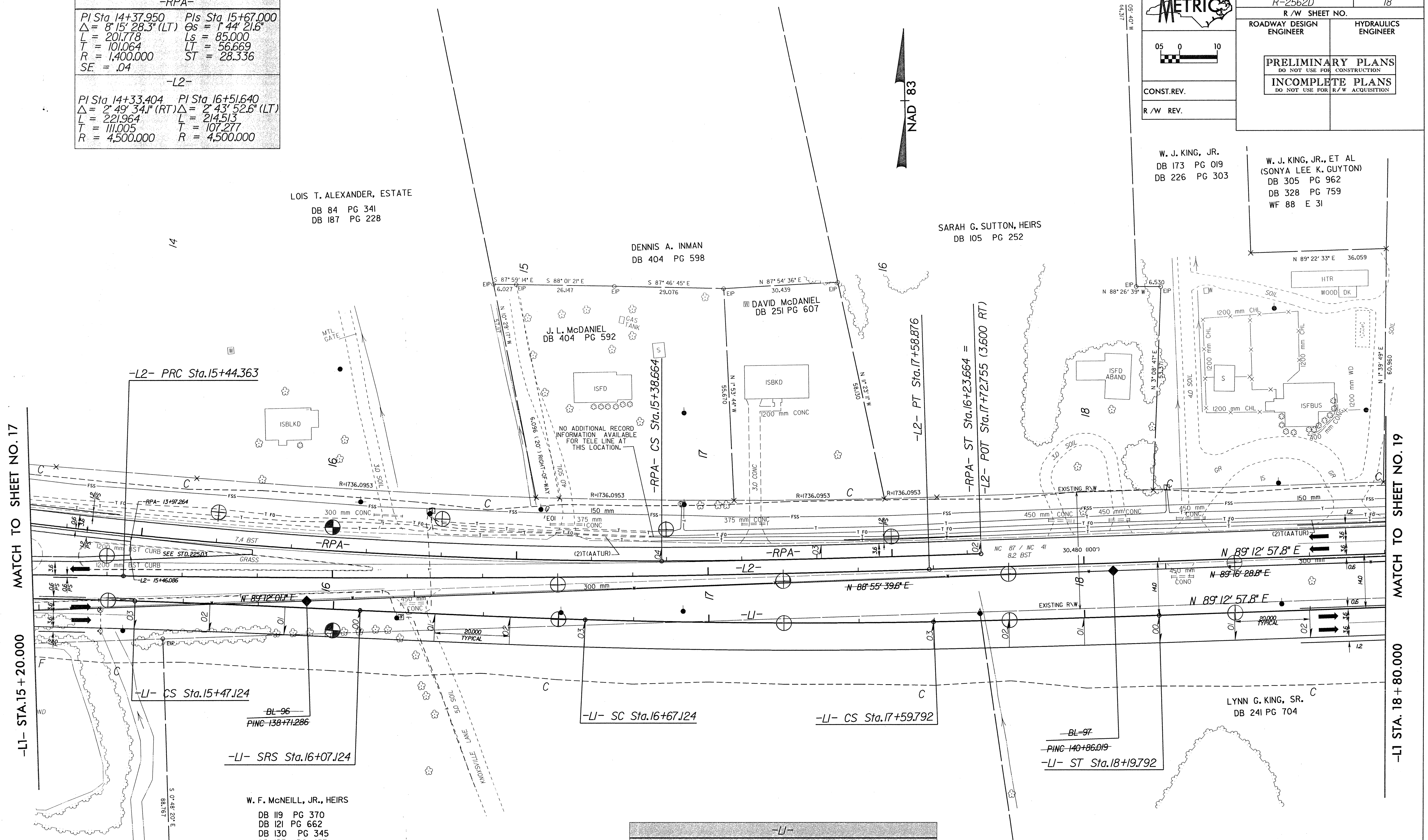
**WETHERILL**  
ENGINEERING, INC.

4915 Waters Edge Dr., Suite 295  
Raleigh, North Carolina 27606  
(919)851-8077 Fax: (919)851-8107

-L1-		
PIs Sta 14+11.647	PI Sta 14+89.398	PIs Sta 15+67.124
$\Delta s = 0' 45'' 50.2''$	$\Delta = 2' 56'' 26.2''$ (RT)	$\Delta s = 0' 45'' 50.2''$
Ls = 60.000	L = 115.477	Ls = 60.000
LT = 40.000	T = 57.751	LT = 40.000
ST = 20.000	R = 2,250.000	ST = 20.000
	SE = .03	

PIs Sta 16+47.124	PI Sta 17+13.466	PIs Sta 17+79.793
$\Delta s = 0' 51'' 34.0''$	$\Delta = 2' 39'' 17.1''$ (LT)	$\Delta s = 0' 51'' 34.0''$
Ls = 60.000	L = 92.668	Ls = 60.000
LT = 40.000	T = 46.342	LT = 40.000
ST = 20.000	R = 2,000.000	ST = 20.000
	SE = .03	



SEE SHEET 33 FOR -L1- PROFILE  
SEE SHEET 35 FOR -L2- PROFILE  
SEE SHEET 41 FOR RPA PROFILE