

**P.I. STATION 39+02.1'**  
 Δ = 0° 23' 15"  
 R = 480.00'  
 L = 100.00'  
 T = 100.00'  
 S = 100.00'

**RIGHT OF WAY RADII**  
 At all Intx. R=25'  
 Into all Cul-De-Sacs R=25'

**PAVEMENT RADII**  
 At all Intx. R=30'  
 Into Cul-De-Sacs R=35'

**EXCELSIOR MATTING SCHEDULE**

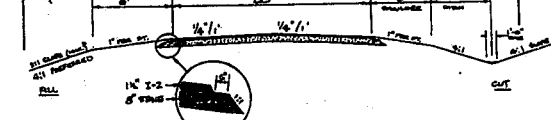
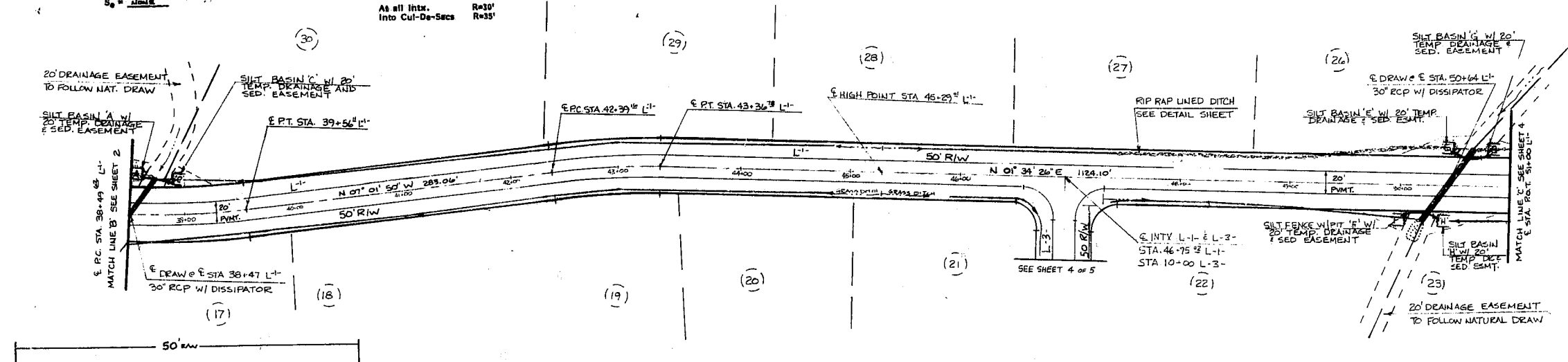
FROM STA	TO STA
44+85 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'
44+85 RIGHT SIDE L'	INTX W/ 30' RCP R-3 L'
45+43 LEFT SIDE L'	47+43 LEFT SIDE L'
45+43 RIGHT SIDE L'	INTX W/ 30' RCP R-3 L'

**RIP RAP SCHEDULE**

FROM STA	TO STA
38+74 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'
47+43 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'
51+75 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'

Quantities and placement of materials may change to meet or better conform to field conditions as per instructions of engineer.

LOCATION AND COURSE OF DRAINAGE EASEMENTS MAY VARY DUE TO FIELD CONDITIONS.

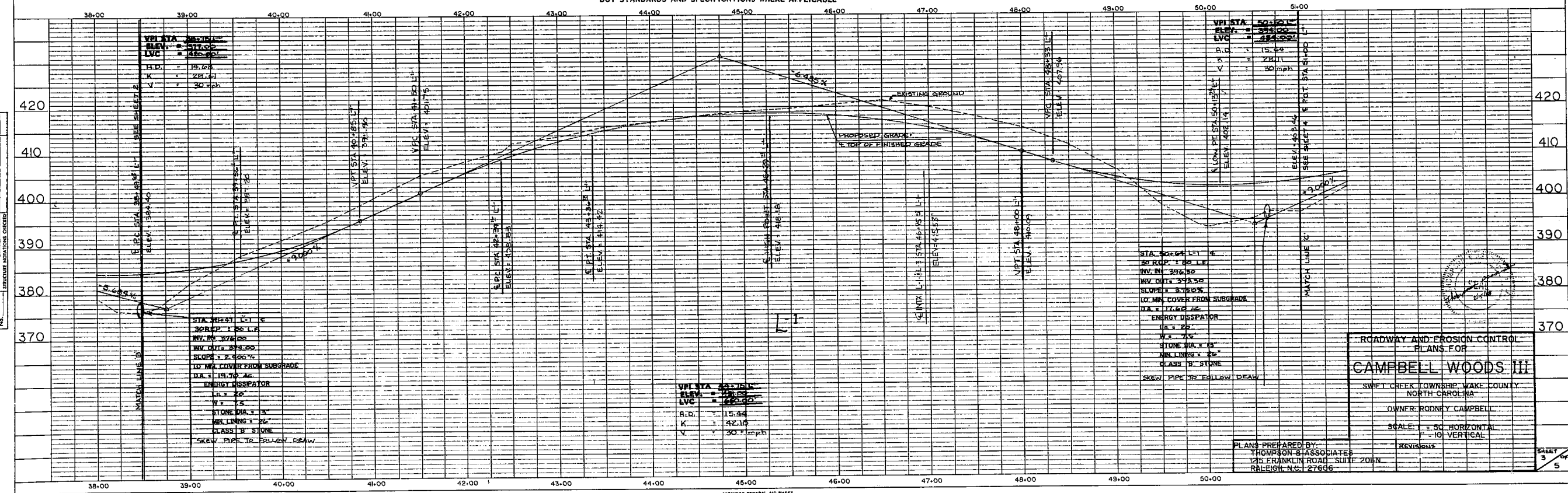


**P.I. STATION 42+88.1'**  
 Δ = 0° 34' 16"  
 R = 450.00'  
 L = 100.00'  
 T = 100.00'  
 S = 100.00'

ALL WORK SHALL CONFORM TO TOWN OF CARY AND/OR N.C. DOT STANDARDS AND SPECIFICATIONS WHERE APPLICABLE

BASIN	LENGTH	WIDTH	DEPTH	WEIR LENGTH	EFFECTIVE STORAGE	CLEANED EVERY	DRAINAGE AREA
30' RCP @ STA 38+47 L'	20'	7.5'	26"	13"	242 cf	3 MO.	2.20 AC.
30' RCP @ STA 50+44 L'	20'	7.5'	26"	13"	242 cf	3 MO.	2.81 AC.
18" RCP @ STA 10+26 L'	9'	4.5'	12"	6"	242 cf	3 MO.	1.008 AC.

VELOCITY DISSIPATOR	LENGTH	WIDTH	STONE THICKNESS	STONE DIAMETER	V <sub>10</sub>	Q <sub>10</sub>
30' RCP @ STA 38+47 L'	20'	7.5'	26"	13"	12.6 fpm	20.75 cfs
30' RCP @ STA 50+44 L'	20'	7.5'	26"	13"	13.15 fpm	18.26 cfs
18" RCP @ STA 10+26 L'	9'	4.5'	12"	6"	9.9 fpm	1.80 cfs



**PLAN**  
 SHEET NO. 3  
 DATE: 10/1/00  
 DRAWN BY: J. B. WOODS III  
 CHECKED BY: J. B. WOODS III  
 APPROVED BY: J. B. WOODS III

**PROFILE**  
 SHEET NO. 3  
 DATE: 10/1/00  
 DRAWN BY: J. B. WOODS III  
 CHECKED BY: J. B. WOODS III  
 APPROVED BY: J. B. WOODS III

ROADWAY AND EROSION CONTROL PLANS FOR  
**CAMPBELL WOODS III**  
 SWIFT CREEK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA  
 OWNER: RODNEY CAMPBELL  
 SCALE: 1" = 40' HORIZONTAL, 1" = 10' VERTICAL  
 PLANS PREPARED BY: THOMPSON & ASSOCIATED, 125 FRANKLIN ROAD, SUITE 201N, RALEIGH, N.C. 27606  
 REVISIONS: 1