

P.I. STATION 39+02.1'

A = 0° 28' 15"

R = 450.00'

T = 106.59'

S₀ = 63.37'

RIGHT OF WAY RADIUS

At all Intx. R=25'

Into all Cul-De-Sacs R=25'

PAVEMENT RADIUS

At all Intx. R=30'

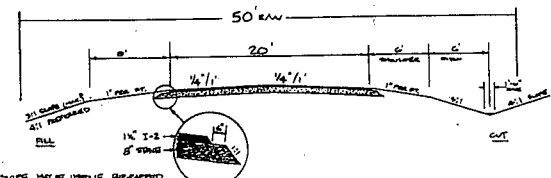
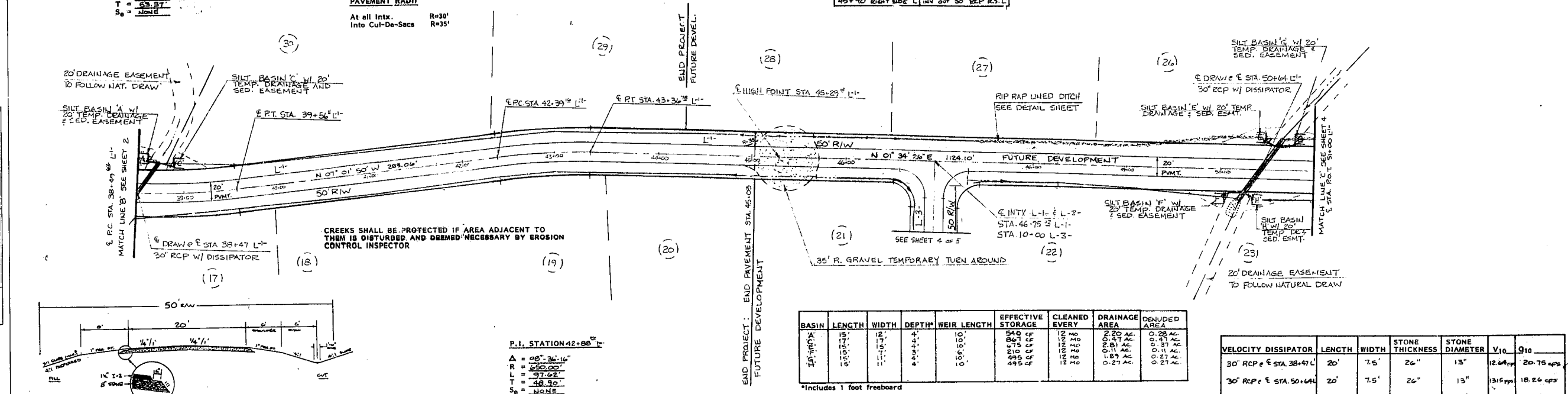
Into Cul-De-Sacs R=35'

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+70 RIGHT SIDE L'	INTX W/ 30' RCP R-3 L'

FROM STA	TO STA
30+76 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'
47+43 LEFT SIDE L'	INTX W/ 30' RCP L-3 L'
51+73 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.



BASIN	LENGTH	WIDTH	DEPTH	WEIR LENGTH	EFFECTIVE STORAGE	CLEANED EVERY	DRAINAGE AREA	DEAUNDED AREA
20' TEMP.	15'	12'	4'	10'	540 CF	12 MO	2.20 AC	0.28 AC
17'	12'	12'	4'	10'	840 CF	12 MO	0.47 AC	0.47 AC
15'	10'	11'	4'	10'	475 CF	12 MO	2.81 AC	0.37 AC
15'	10'	11'	4'	10'	495 CF	12 MO	0.11 AC	0.11 AC
15'	10'	11'	4'	10'	495 CF	12 MO	1.89 AC	0.27 AC

*Includes 1 foot freeboard

VELOCITY DISSIPATOR	LENGTH	WIDTH	STONE THICKNESS	STONE DIAMETER	V ₁₀	Q ₁₀
30' RCP @ STA 38+49 L'	20'	7.5'	24"	13"	12.64 fpm	20.75 cfs
30' RCP @ STA 50+64 L'	20'	7.5'	24"	13"	13.16 fpm	18.24 cfs
18' RCP @ STA 10+25 L'	9'	4.5'	12"	6"	7.9 fpm	1.80 cfs

P.I. STATION 42+88.1'

A = 0° 36' 30"

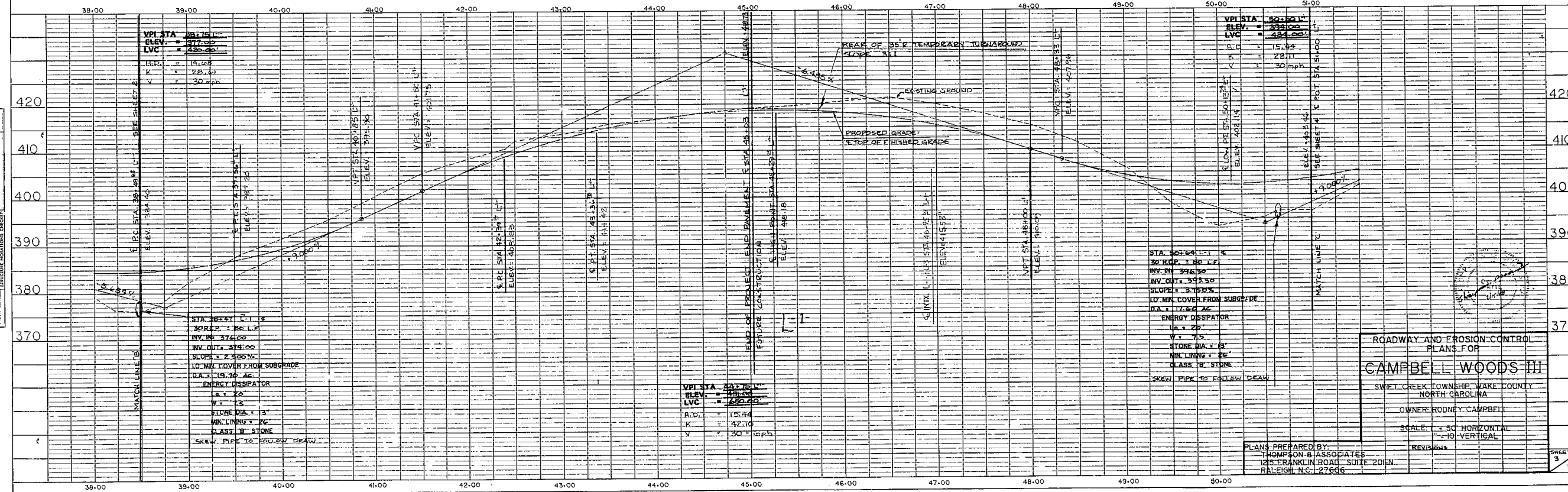
R = 550.00'

T = 110.00'

T = 48.90'

S₀ = NONE

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



PLAN

DATE: _____

BY: _____

SCALE: _____

PROJECT: _____

NO. OF SHEETS: _____

NO. OF THIS SHEET: _____

PROFILE

DATE: _____

BY: _____

SCALE: _____

PROJECT: _____

NO. OF SHEETS: _____

NO. OF THIS SHEET: _____

ROADWAY AND EROSION CONTROL PLANS FOR

CAMPBELL WOODS III

SWIFT CREEK TOWNSHIP, WAKE COUNTY, NORTH CAROLINA

OWNER: RODNEY CAMPBELL

SCALE: 1" = 50' HORIZONTAL
1" = 10' VERTICAL

PLANS PREPARED BY:

THOMPSON & ASSOCIATES

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RALEIGH, N.C. 27606

SHEET 3 OF 5