

P.I. STATION 39+02 L¹
 $\Delta = 09^{\circ} 23' 18''$
 $R = 650.00'$
 $L = 106.49'$
 $T = 53.37'$
 $S_a = \text{NONE}$

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

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

EXCELSIOR MATTING SCHEDULE

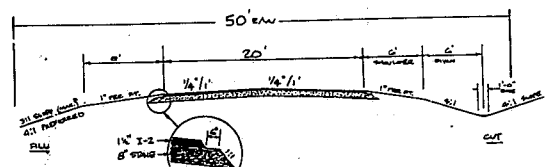
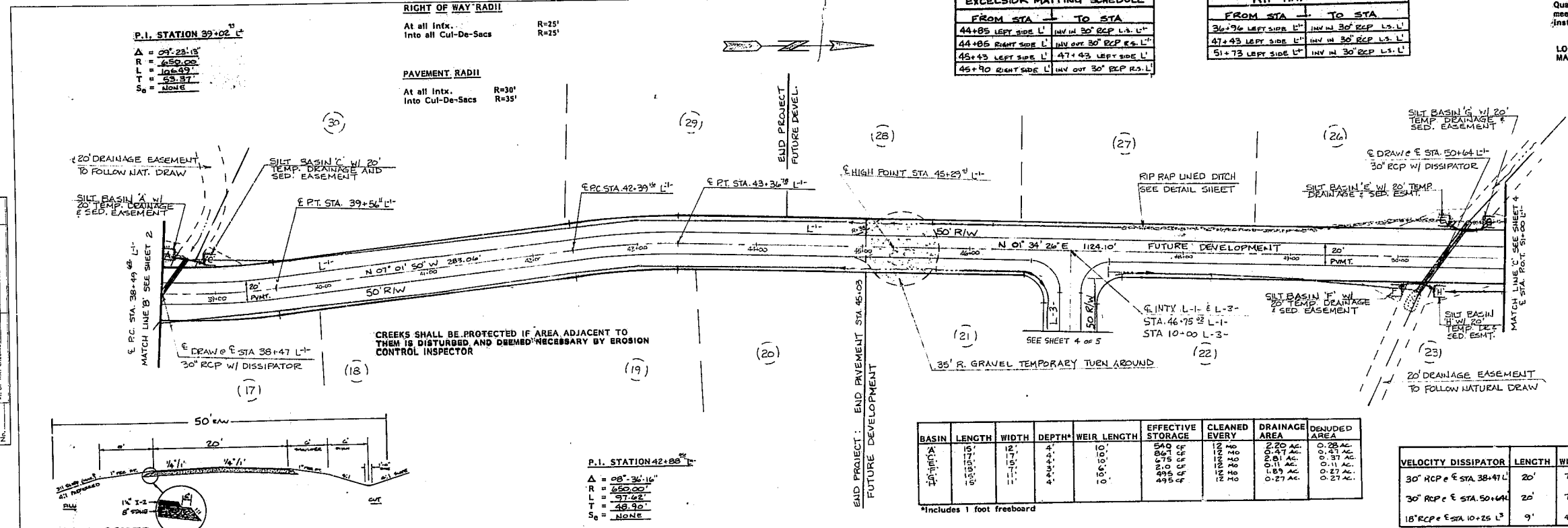
FROM STA	TO STA	INVENTORY
44+85 LEFT SIDE L ¹	44+85 RIGHT SIDE L ¹	INV IN 30' RCP L.S. L ¹
44+85 RIGHT SIDE L ¹	45+43 LEFT SIDE L ¹	INV OUT 30' RCP E.S. L ¹
45+43 LEFT SIDE L ¹	45+90 RIGHT SIDE L ¹	INV OUT 30' RCP R.S. L ¹

RIP RAP SCHEDULE

FROM STA	TO STA	INVENTORY
34+74 LEFT SIDE L ¹	47+43 LEFT SIDE L ¹	INV IN 30' RCP L.S. L ¹
47+43 LEFT SIDE L ¹	51+73 LEFT SIDE L ¹	INV IN 30' RCP L.S. L ¹

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

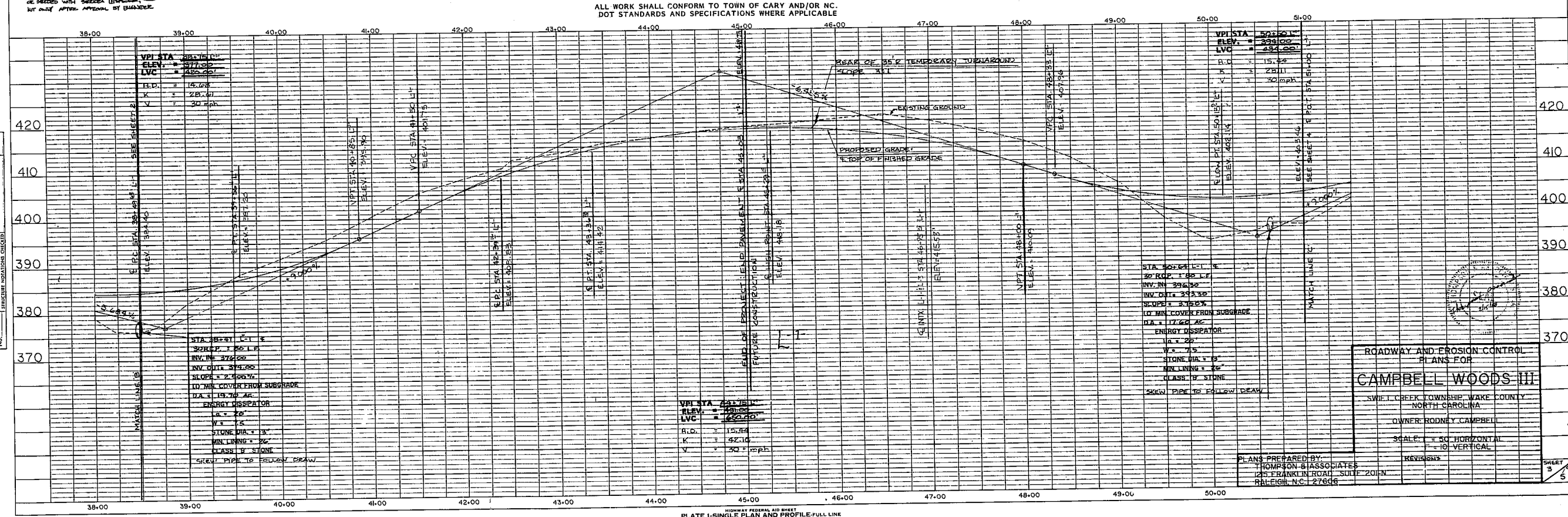
LOCATION AND COURSE OF DRAINAGE EASEMENTS MAY VARY DUE TO FIELD CONDITIONS.



BASIN	LENGTH	WIDTH	DEPTH	WEIR LENGTH	EFFECTIVE STORAGE	CLEANED EVERY	DRAINAGE AREA	DENUDED AREA
1	15'	12'	4.4'	10'	540 cu ft	12 mo	2.20 AC	0.28 AC
2	15'	12'	4.4'	10'	540 cu ft	12 mo	2.20 AC	0.28 AC
3	15'	12'	4.4'	10'	540 cu ft	12 mo	2.20 AC	0.28 AC
4	15'	12'	4.4'	10'	540 cu ft	12 mo	2.20 AC	0.28 AC
5	15'	12'	4.4'	10'	540 cu ft	12 mo	2.20 AC	0.28 AC

*Includes 1 foot freeboard

VELOCITY DISSIPATOR	LENGTH	WIDTH	STONE THICKNESS	STONE DIAMETER	V ₁₀	Q ₁₀
30' RCP @ STA 38+47 L ¹	20'	7.5'	24"	13"	12.64 cfs	20.75 cfs
30' RCP @ STA 50+64 L ¹	20'	7.5'	24"	13"	13.15 cfs	18.24 cfs
18' RCP @ STA 10+25 L ³	9'	4.5'	12"	6"	9.9 cfs	1.80 cfs



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

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

PLAN
 SURVITE: []
 HORIZONTAL: []
 VERTICAL: []
 NOTE BOOK: []
 ATTACHMENT CHECKED: []
 BY: []

PROFILE
 SURVITE: []
 HORIZONTAL: []
 VERTICAL: []
 NOTE BOOK: []
 ATTACHMENT CHECKED: []
 BY: []