EXCELSIOR MATTING SCHEDULE	
STA. 28+68 R.S. L-1	→ INV IN (2) 66" RCP L-1
STA. 29+30 L.S. L-1	→ STA 28+77 L.S. L-1
STA 33+91 L.S. L-1	→ INV IN 36" RCP L.S. L-1
STA 33+91 R.S. L-1	→ INV OUT 36" RCP R.S. L-1

RIP RAP SCHEDULE	
STA 23+77 L.S. L-1	→ INV OUT (2) 60" RCP L-1
STA 24+12.78 R.S. L-1	→ INV IN & OUT (2) 60" RCP L-1

RIGHT OF WAY RADII

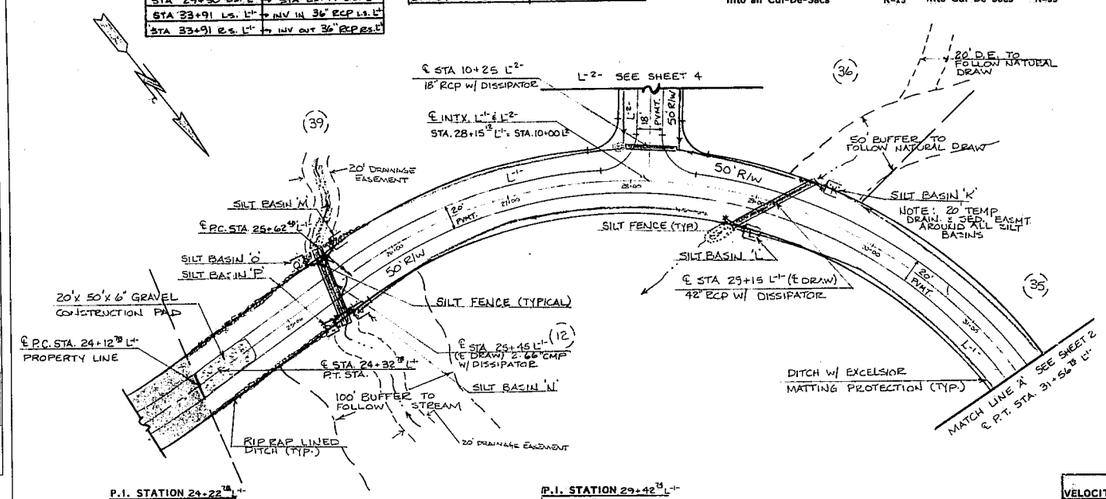
At all Intx. into all Cul-De-Sacs	R=25' R=25'

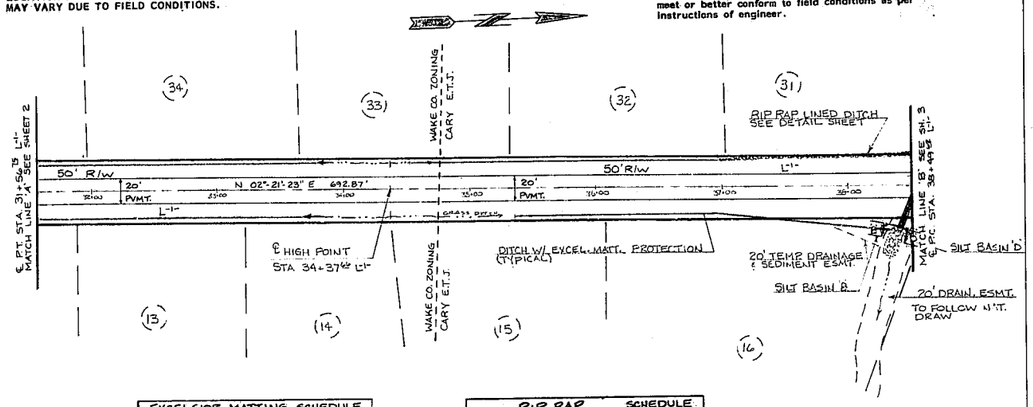
PAVEMENT RADII

At all Intx. into Cul-De-Sacs	R=30' R=35'

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

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





EXCELSIOR MATTING SCHEDULE	
FROM STA	TO STA
34+52 L.S. L-1	36+96 L.S. L-1
35+35 R.S. L-1	INV OUT 30" RCP R.S. L-1

RIP RAP SCHEDULE	
FROM STA	TO STA
36+96 LEFT SIDE	INV IN 30" RCP L.S. L-1

CREEKS SHALL BE PROTECTED IF AREA ADJACENT TO THEM IS DISTURBED AND DEEMED NECESSARY BY EROSION CONTROL INSPECTOR

P.I. STATION 24+22.78 L-1
Δ = 01°28'43"
R = 775.00'
L = 20.00'
T = 10.00'
S_e = NONE

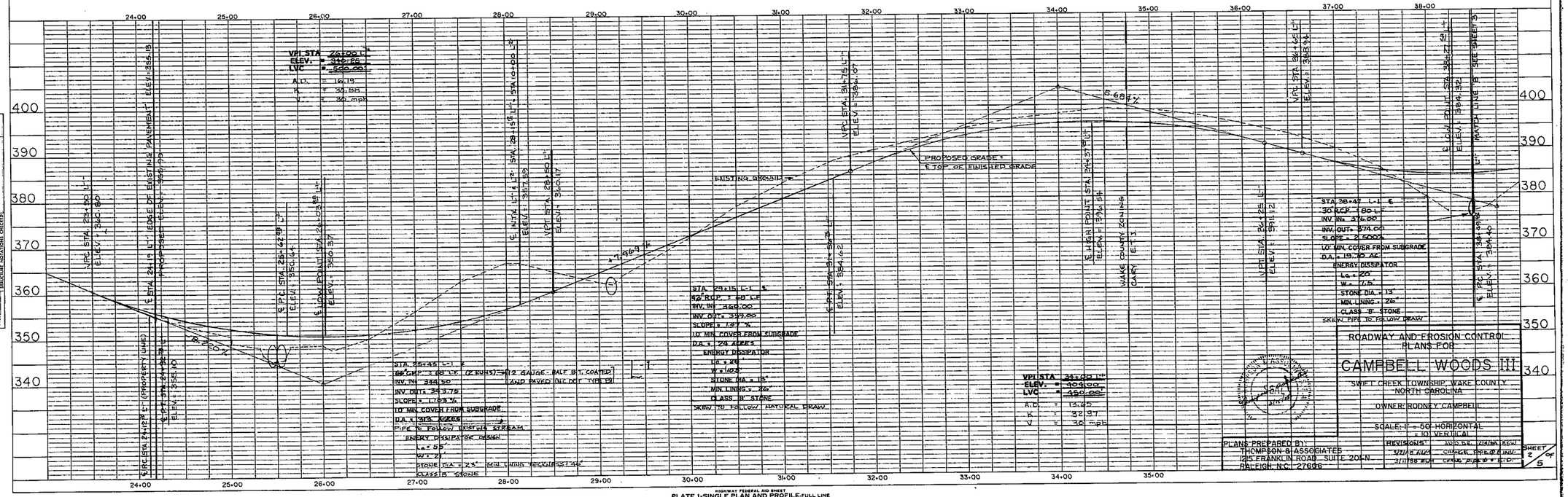
P.I. STATION 29+42.75 L-1
Δ = 90°47'58"
R = 375.00'
L = 594.27'
T = 380.26'
S_e = 0.02%

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

VELOCITY DISSIPATOR	LENGTH	WIDTH	STONE THICKNESS	STONE DIAMETER	V_{10}	Q_{10}
36" RCP @ ℄ STA 29+15 L-1	24'	9'	24"	15"	12.75 fps	25.73 cfs
(2) 66" CMP @ ℄ STA 25+45 L-1	5.5'	21'	46"	23"	9.83 fps	249.00 cfs
18" RCP @ ℄ STA 10+25 L-2	9.0'	4.5'	12"	6"	10.08 fps	1.89 cfs
30" RCP @ ℄ STA. 38+47	20'	7.5'	24"	13"	12.64 fps	20.75 cfs

BASIN	LENGTH	WIDTH	DEPTH*	WEIR LENGTH	EFFECTIVE STORAGE	CLEANED EVERY	DRAINAGE AREA
'K'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.470 ac.
'L'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.330 ac.
'M'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.552 ac.
'N'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.248 ac.
'O'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.400 ac.
'P'	110'	17'	4'-0"	10'	242 cf	3 mo.	0.280 ac.
'A'	110'	17'	4'-0"	10'	590 CF.	12 mo.	0.280 ac.
'B'	110'	17'	4'-0"	10'	847 CF.	12 mo.	0.970 ac.

*Includes 1 foot freeboard



PLANS PREPARED BY:
THOMPSON & ASSOCIATES
1015 FRANKLIN ROAD SUITE 201-N
RALEIGH, N.C. 27606

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

REVISIONS	BY	CHECK	APPROVED	INIT.
2/12/88	KAM			
3/11/88	KAM			

SHEET 2 OF 5

PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
HIGHWAY FEDERAL AID SHEET
TRUELINE
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