EXCELSIOR MATTING SCHEDULE	
STA. 28+68 R.S. L-1	→ INV IN (2) 60" RCP L-1
STA. 29+30 L.S. L-1	→ STA 29+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 29+77 L.S. L-1	→ INV. OUT (2) 60" RCP L-1
STA 24+12.78 R.S. L-1	→ INV. R.S. OUT (2) 60" RCP L-1

RIGHT OF WAY RADII

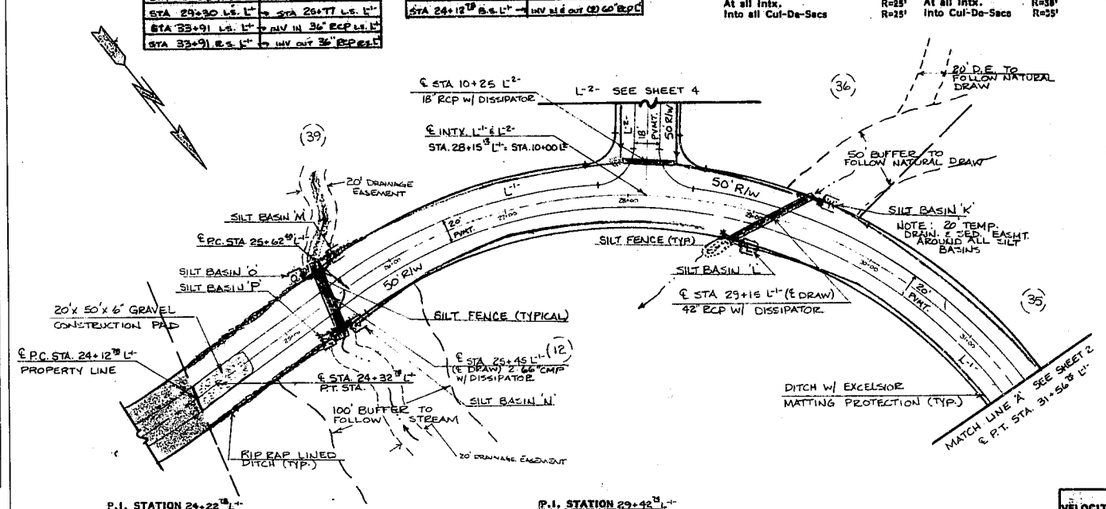
At all Intx. into all Cul-De-Sacs — R=25' / R=25'

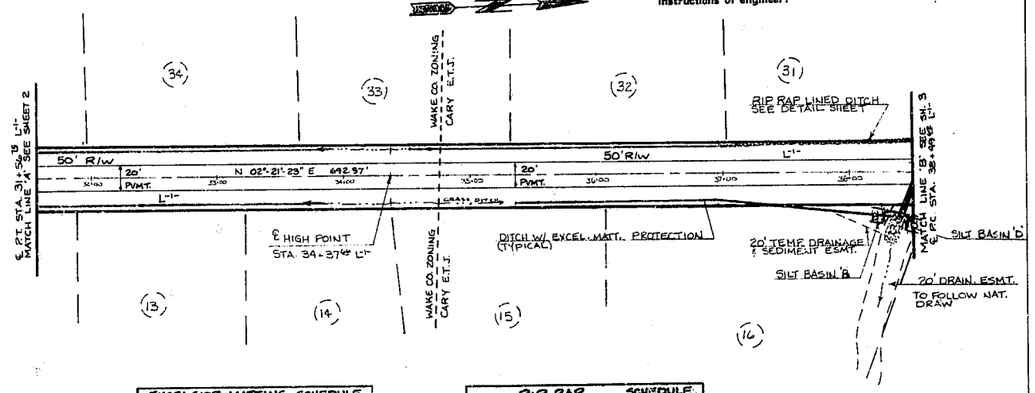
PAVEMENT RADII

At all Intx. into all Cul-De-Sacs — R=38' / R=55'

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

P.I. STATION 24+22.78 L-1
Δ = 91°-28'-43"
R = 775.00'
L = 20.00'
T = 10.00'
S_E = NONE

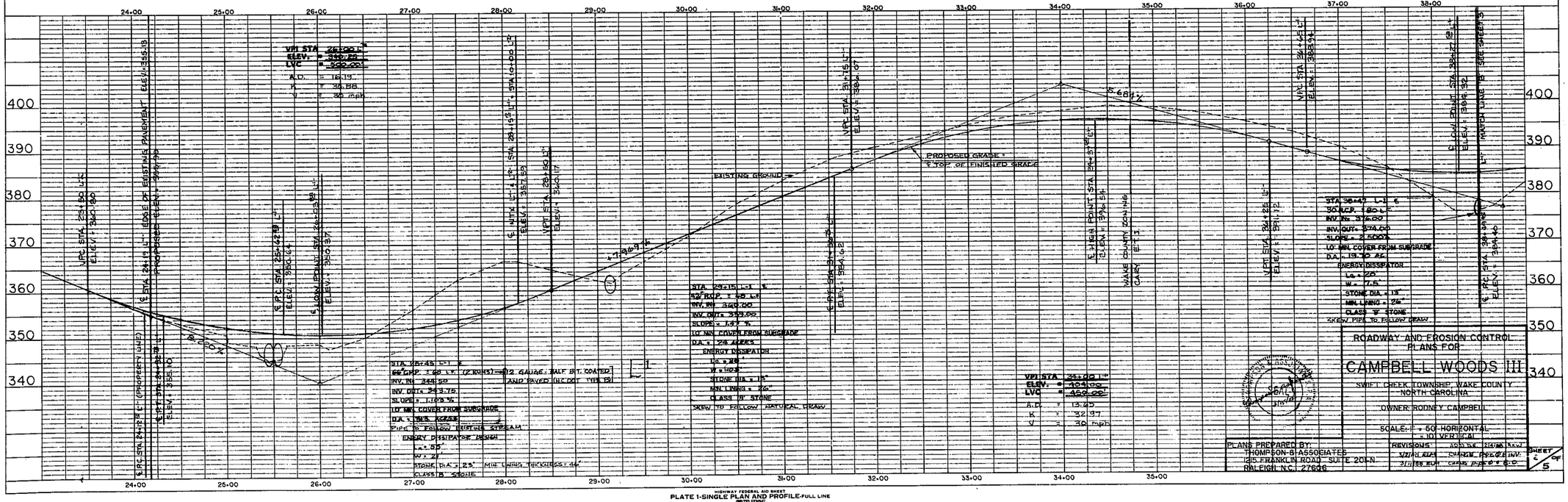
P.I. STATION 29+42.32 L-1
Δ = 90°-47'-52"
R = 575.00'
L = 594.27'
T = 380.24'
S_E = 0.02%

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'-0"	24"	15"	12.75 fps	25.73 cfs
(2) 66" CMP ℄ STA 25+45 L-1	55'	21'	46"	23"	9.89 fps	249.00 cfs
18" RCP ℄ STA 10+25 L-2	9.0'	4.5'	12"	6"	10.05 fps	1.89 cfs
30" RCP ℄ STA 38+57	20'	7.5'	24"	13"	12.64 fps	20.75 cfs

BASIN	LENGTH	WIDTH	DEPTH*	WEIR LENGTH	EFFECTIVE STORAGE	CLEANED EVERY	DRAINAGE AREA
'K'	65'	45'	5'	10'	742 cf	3 yrs	0.470 ac.
'L'	65'	45'	5'	10'	742 cf	3 yrs	0.520 ac.
'M'	65'	45'	5'	10'	742 cf	3 yrs	0.208 ac.
'N'	65'	45'	5'	10'	742 cf	3 yrs	0.420 ac.
'O'	65'	45'	5'	10'	742 cf	3 yrs	0.280 ac.
'P'	65'	45'	5'	10'	742 cf	3 yrs	0.282 ac.

*Includes 1 foot freeboard



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-B-ASSOCIATES
1215 FRANKLIN ROAD SUITE 201N
RALEIGH, N.C. 27606

REVISIONS: ADD'L. INLETS, S.W.M. 7/21/88 ELEV. CHNG. PER DOT 8-0-88

SHEET 5 OF 5

HIGHWAY FEDERAL AID SHEET
PLATE 1-SINGLE PLAN AND PROFILE-FULL LINE
TELEDYNE
PRINTED IN U.S.A.