Village of Ruidoso
Forest Debris Calculation Sheet
(site development footprint) Revised 9/07/04

Diameter Class (inches)

	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32
# of trees																	
basal area per tree (sq.ft.)	.002	.022	.087	.196	.349	.545	.785	1.07	1.40	1.77	2.18	2.64	3.14	3.69	4.28	4.91	5.59

basal area per diameter class																	

Calculations:

1 TOTAL BA/FOOTPRINT = SUM OF BA/DIA FOOTPRINT _____

2 TOTAL BA/FOOTPRINT X (AVG HT. OF DOMINANT CLASS) (FEET)
(sq.ft) [=] TOTAL CORDWOOD/FOOTPRINT (CUBIC FEET) _____

3 TOTAL SLASH VOL (BRANCH MATERIAL) =
2 X TOTAL CORDWOOD (CUBIC FEET) / FOOTPRINT _____

4 TOTAL VOL/FOOTPRINT = (TOTAL CORDWOOD VOL) + (TOTAL SLASH VOL)
(CUBIC FEET) (CUBIC FEET) _____

5 TOTAL CUBIC YARD/FOOTPRINT = $\frac{\text{TOTALVOL/FOOTPRINT}}{\text{27 CUBIC FT/CUBIC YARD}}$ _____

6 $10.41 / CUBIC YARDS X TOTAL CUBIC YARDS

Address:
_____ Unit _____ Blk _____ Lot _____

Forester: _____

Date: _____