

HIGH INTENSITY SOIL MAP
COUNTY: Jackson
PROPERTY: Green Acre Subdivision/ Beaver Lane

SOIL UNIT LEGEND:
De—Dellrose gravelly silt loam, 15 to 25 percent slopes
Hw—Hawthorne gravelly silt loam, 2 to 30 percent slopes
Na—Noah gravelly silt loam, 12 to 30 percent slopes
Su—Sugargrove gravelly silt loam, 2 to 8 percent slopes
Hv—Hawthorne variant, 2 to 5 percent slopes
Hr—Hawthorne gravelly silt loam, 20 to 25 percent slopes

TRACT 29

P.O.B. AT WESTERNMOST CORNER)

SEE DATA FOR CURVE "T"
57° 01' 42" E 55.91'
SEE DATA FOR CURVE "U"
20° 39' 39" E 21.18'
48° 19' 50" E 182.73'
30° 55' 05" E 57.92'
21° 13' 24" E 48.03'
15° 35' 19" E 214.63'
10° 05' 41" E 63.42'
04° 18' 38" E 76.05'
02° 09' 40" W 274.00'
48° 33' 43" W 340.78'
14° 18' 46" W 677.92'

CALLS ARE LISTED CLOCKWISE)

MAP SYMBOL	ESTIMATED RATE (MPI)	SOIL IMPROVEMENT PRACTICES & NOTES	COLOR CODE
De	45 to 48 inches	No restrictive layers observed.	Green
Hw	45 to 30 inches	Soft bedrock encountered from 30" to 40" in depth. In several cases 60 MPI clay textures were observed below 33", just above the bedrock.	Red / Green
Na	60 to 30 inches	60MPI subsoil above 24". Hard siltstone bedrock below 30".	Red / Green
Su	60 to 36 inches	60 MPI subsoil starting above 30". Heavy silty clay loam or clay textures, with common amounts of gravel below 30". Most observations stopped below 36".	Red / Green
Hv	75 to 24" WID	Similar to Hawthorne soils, except gray mottles/wetness in the zone above the bedrock. Use interceptor drain just above the bedrock. A 15' setback from the ID can be used.	Red / Yellow
Hr	>75	Bedrock as shallow as 20" observed in this unit.	Red

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SCALE: 1 INCH = 100 FEET

No setback needed from Fill Material or Old Road Beds.

All lots evaluated with backhoe pits.

ANY CUTTING, FILLING, OR COMPACTION WILL VOID
THIS SOIL MAP. SIGNATURE OF A SOIL SCIENTIST
DOES NOT GUARANTEE THE APPROVAL FOR A
SEPTIC SYSTEM.

CURVE "G"
Radius = 105.5891
Delta = 46° 25' 45"
Length = 85.5634
Chord = 83.2415
Tangent = 45.2875
Deg Curve = 54° 15' 47"

CURVE "H"
Radius = 403.5065
Delta = 14° 14' 10"
Length = 100.2577
Chord = 100.0000
Tangent = 50.3883
Deg Curve = 14° 11' 58"

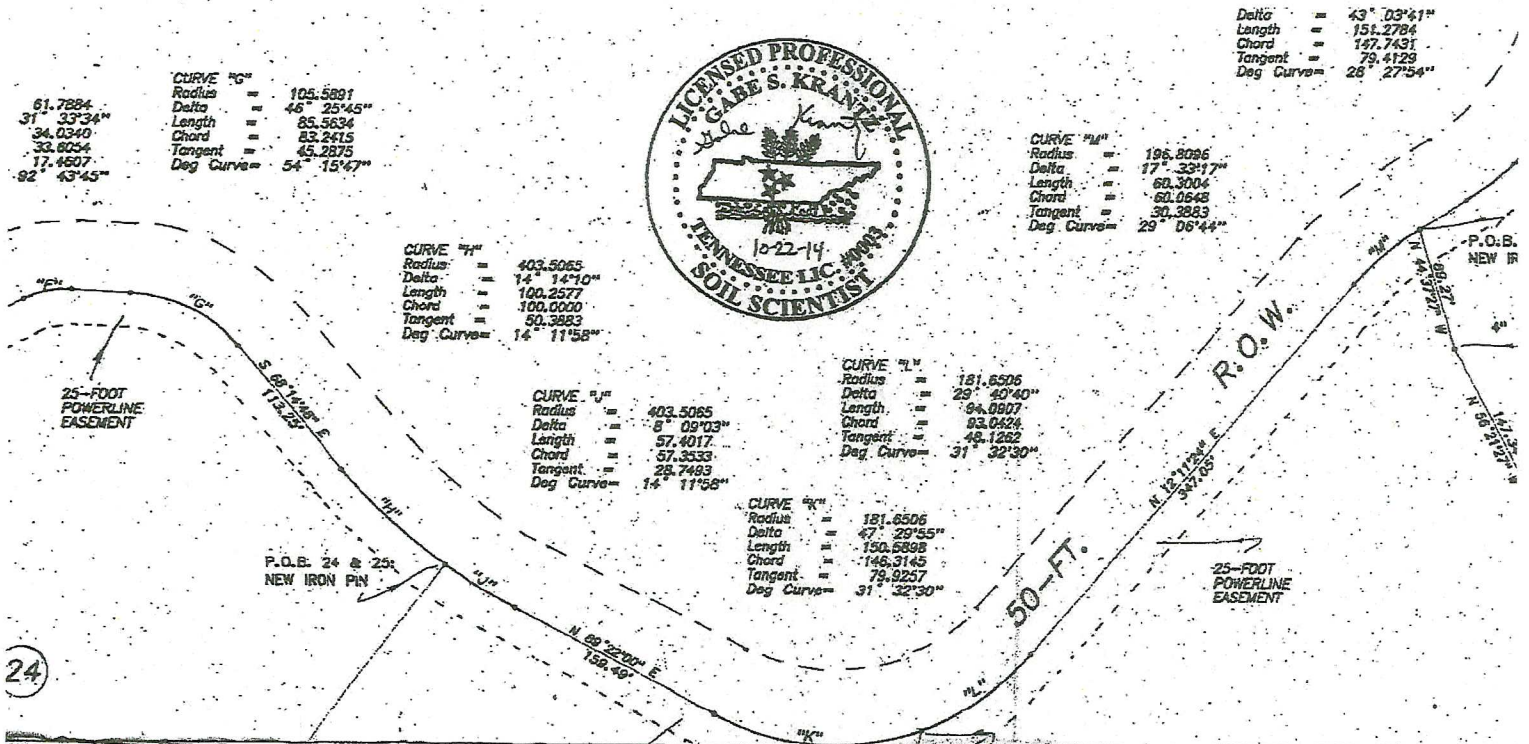
CURVE "J"
Radius = 403.5065
Delta = 8° 09' 03"
Length = 57.4017
Chord = 57.3333
Tangent = 28.7493
Deg Curve = 14° 11' 58"

CURVE "L"
Radius = 181.6506
Delta = 29° 40' 40"
Length = 94.0807
Chord = 83.0424
Tangent = 48.1262
Deg Curve = 31° 32' 30"

CURVE "K"
Radius = 181.6506
Delta = 47° 29' 55"
Length = 150.5898
Chord = 146.3145
Tangent = 79.9257
Deg Curve = 31° 32' 30"

Delta = 43° 03' 41"
Length = 151.2784
Chord = 147.7431
Tangent = 79.4129
Deg Curve = 28° 27' 54"

CURVE "M"
Radius = 196.8096
Delta = 17° 33' 17"
Length = 60.3004
Chord = 60.0648
Tangent = 30.3883
Deg Curve = 29° 06' 44"



Curve "L")
 RVE "M") 347.05'

Radius = 82.0759
 Delta = 41° 54' 56"
 Length = 60.0438
 Chord = 58.7138
 Tangent = 31.4366
 Deg Curve = 69° 48' 30"

Deg Curve = 92° 43' 45" Deg Curve = 34° 15' 47"

(CLOCKWISE)

CURVE "D"
 Radius = 247.3450
 Delta = 22° 08' 11"
 Length = 95.5628
 Chord = 94.9695
 Tangent = 48.3847
 Deg Curve = 23° 09' 52"

Curve "C"
 Radius = 268.7739
 Delta = 32° 01' 23"
 Length = 150.2196
 Chord = 148.2720
 Tangent = 77.1281
 Deg Curve = 21° 19' 03"

CURVE
 Rad
 Del
 Len
 Cho
 Tan
 Deg

25-FOOT
 POWERLINE
 EASEMENT

P.O.B. 24 & 25
 NEW IRON PIN

24

5.51 AC.

NEW IRON PIN

Hw
 Na

N 55° 22' 22" W
 118.00'

5" OAK

N 43° 08' 23" W
 143.38'

15" HICKORY

147.75'
 S 58° 29' 49" W

8" ELM

N 42° 54' 19" W
 161.04'

10" MAPLE

N 61° 50' 10" W
 124.17'

4" HICKORY

10.

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 CHRISTOPHER R. & WANDA L. BURGESS
 RECORD BOOK 63, PAGES 161-163

