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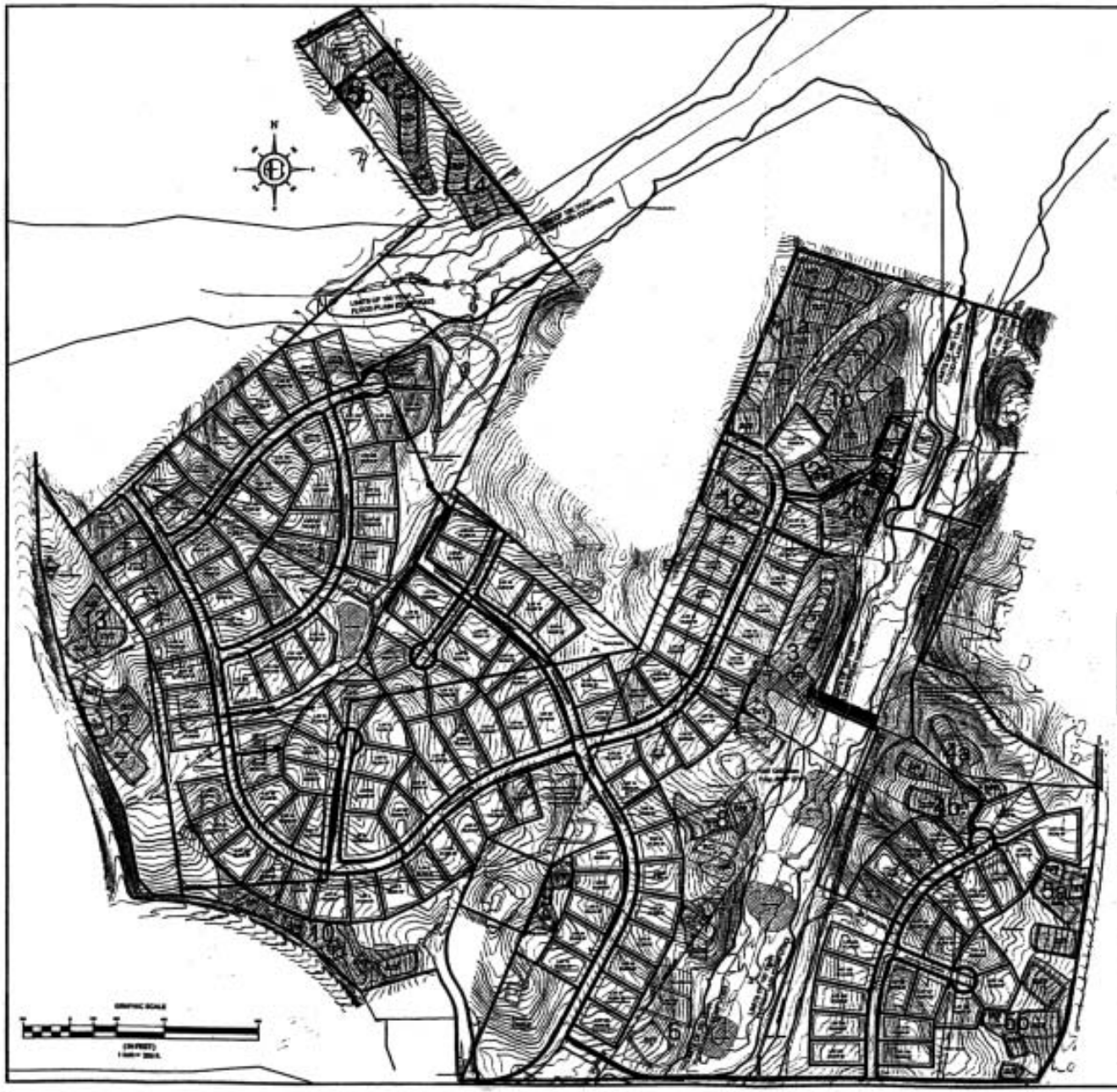

Warrenton Chase - Primary Mass Drainfield Areas/Capacities

Mass Drainfield #	Net Mass Drainfield Area (SF)	Type of Drainfield (Mfg)	Design Soil Perc Rate (min./inch)	Net Mass Drainfield Capacity (GPD)
1a	32,242	3	45	2,147.36
1b	122,400	3	45	10,176.57
TOTALS	344,886 SF			82,142
	7.92 ACRES			

Warrenton Chase - Reserve Mass Drainfield Areas/Capacities

Mass Drainfield #	Net Mass Drainfield Area (SF)	Type of Drainfield (Mfg)	Design Soil Perc Rate (min./inch)	Net Mass Drainfield Capacity (GPD)
1a	10,242	3	45	1,221.76
1b	10,242	3	45	1,221.76
2	20,127	3	45	10,244.16
3	11,242	3	45	1,221.76
4a	20,242	3	45	10,244.16
4b	10,242	3	45	1,221.76
5	10,242	3	45	1,221.76
6	11,242	3	45	1,221.76
TOTALS	103,242 SF			28,044

Warrenton Chase - 2nd Reserve Mass Drainfield Areas/Capacities

Mass Drainfield #	Net Mass Drainfield Area (SF)	Type of Drainfield (Mfg)	Design Soil Perc Rate (min./inch)	Net Mass Drainfield Capacity (GPD)
1a	20,242	3	45	1,221.76
1b	20,242	3	45	1,221.76
2	11,242	3	45	1,221.76
3	11,242	3	45	1,221.76
4	20,242	3	45	1,221.76
TOTALS	83,242 SF			28,714
	1.91 ACRES			

Warrenton Chase - Additional Mass Drainfield Areas/Capacities

Mass Drainfield #	Net Mass Drainfield Area (SF)	Type of Drainfield (Mfg)	Design Soil Perc Rate (min./inch)	Net Mass Drainfield Capacity (GPD)
1a	21,100	3	45	1,221.76
1	0	3	45	0.00
2	22,000	3	45	1,221.76
11	0	3	45	0.00
1b	20,000	3	45	10,244.16
4b	20,000	3	45	10,244.16
4b	20,100	3	45	1,221.76
TOTALS	103,200 SF			34,657
	2.37 ACRES			
GRAND TOTALS	1,373,630 SF			217,557
	28.22 ACRES			

NOTES:
1) The proposed wastewater treatment plant design capacity is 60,000 gpd.
2) The mass drainfield areas provide more than 200 % reserve disposal area.
3) The designation of drainfield areas shown on this exhibit is as proposed by preliminary design.
4) Drainfield designations may change during final design.
5) Each category, Primary, Reserve, and 2nd Reserve will be configured so as to have a capacity of 60,000 gpd or more during final design.

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All drainfield areas shown on this exhibit have been evaluated as set forth by the Commonwealth of Virginia Sewage Disposal Regulations and the Fauquier County Sewage Ordinance.

Virginia Certified Professional Soil Scientist #00

Authorized Onsite Soils Evaluator #00

BEFORE DIGGING CALL "MISS UTILITY" OF VIRGINIA AT 1-800-552-7001

Rickmond Engineering, Inc.

Warrenton Chase Subdivision
Drainfield Areas
Exhibit Showing Mass Drainfield Areas

Job Number 02514

Sheet No. 1 of 1