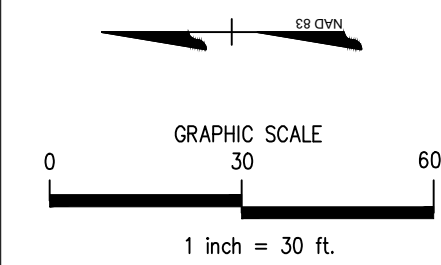


- Install nitrification trenches as deep as possible to minimize interaction with existing trenches.
- Dam existing nitrification trenches where they intersect new / proposed trenches, using compacted clay, bentonite dams, plastic, and/or concrete, as approved by Wake County staff.
- Abandon existing septic tank per Wake County Environmental Services Wastewater System Abandonment Procedure.
- Lot recorded in 1964, hence, 5 foot property line setbacks apply per 15A NCAC 18E .0602(b).
- No soil cuts within 20 feet of septic trenches.
- No swales within 30 feet of septic trenches unless approved, in writing, by Engineer.



4-Bedroom
LTAR: 0.3 gpd/ft²
Initial: Gravity-to-PPBPS
utilizing lines 5-8 (268')
Flow Reduction for Repair
(3-Bedroom)
Repair: Gravity-to-PPBPS
utilizing lines 2-4 (201')

		<u>MITCHELL ENVIRONMENTAL, PA</u> <u>C-2911</u>	
1501 LAKESTONE VILLAGE LANE SUITE 205 FUQUAY VARINA, NC 27526		PREPARED FOR : Gemstone Homes 206 Raleigh Street Fuquay-Varina, NC 27526	
DATE : January 27, 2025		REVISION NO. Original Submittal	
DESIGNER CONTACT: ADAM AYCOCK, EI		Revision 1 January 27, 2025	
DRAWN BY: ADAM AYCOCK, EI		Revision 2 -----	
		Revision 3 -----	
		Master Set -----	
		DATE May 14, 2024	
		SHEET NUMBER 1 of 5	
		14050 Durant Road Raleigh, NC Overall Septic	