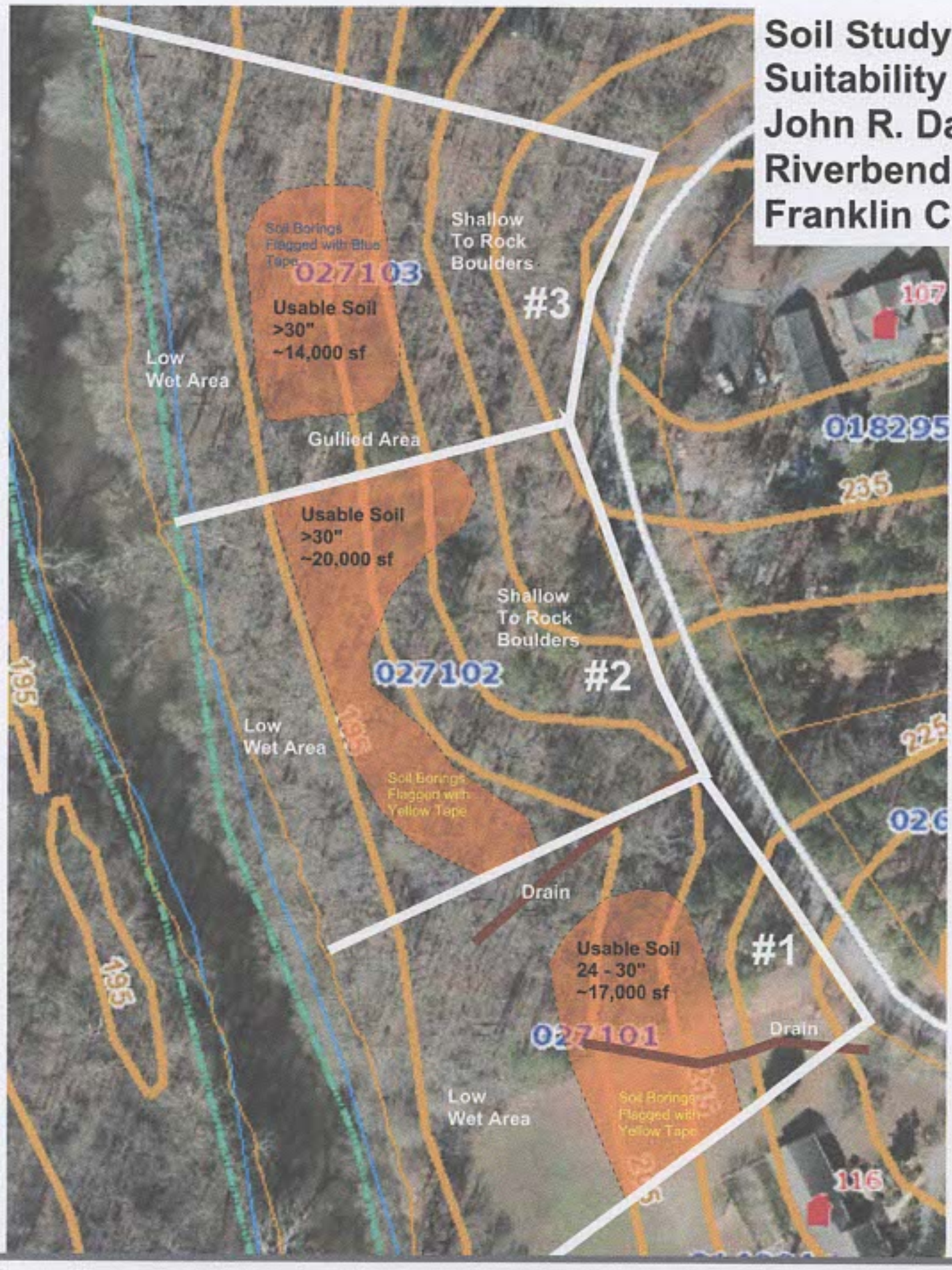
Soil Study for Septic System Suitability Feb, 2022

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SCALE
1" ~ 120'

The soil areas shown in "Orange" are **usable** for shallow gravelless septic trenches. The soil is coarse loamy with a soil loading rate of 0.4 to 0.5 gpd/sqft. The soil depths are mostly greater than 30 inches with a few areas between 24 to 30 inches deep. A 3 or 4 bedroom house septic system will require approximately 10,000 square feet of usable soil for a septic system and repair area. See map for usable soil areas. **Lot #1** has the usable soil area closer to the road and will compete with a house site. There is also a storm drain that crosses this area and limits utility for a septic system. This lot may be limited to a three bedroom house and may require a flow reduction study to get the septic field to fit in the soil area if a proposed house location and footprint limits soil utility. **Lots #2 and #3** have usable soil areas downslope of potential house sites up on the hill near the road. Gravity septic systems may be utilized in these soil areas for 3 or 4 bedroom houses. It is OK for the usable soil area to be located in flood zones as long as the soil is well drained. Final approval and septic permit issuance will be required by Franklin County Health Department.