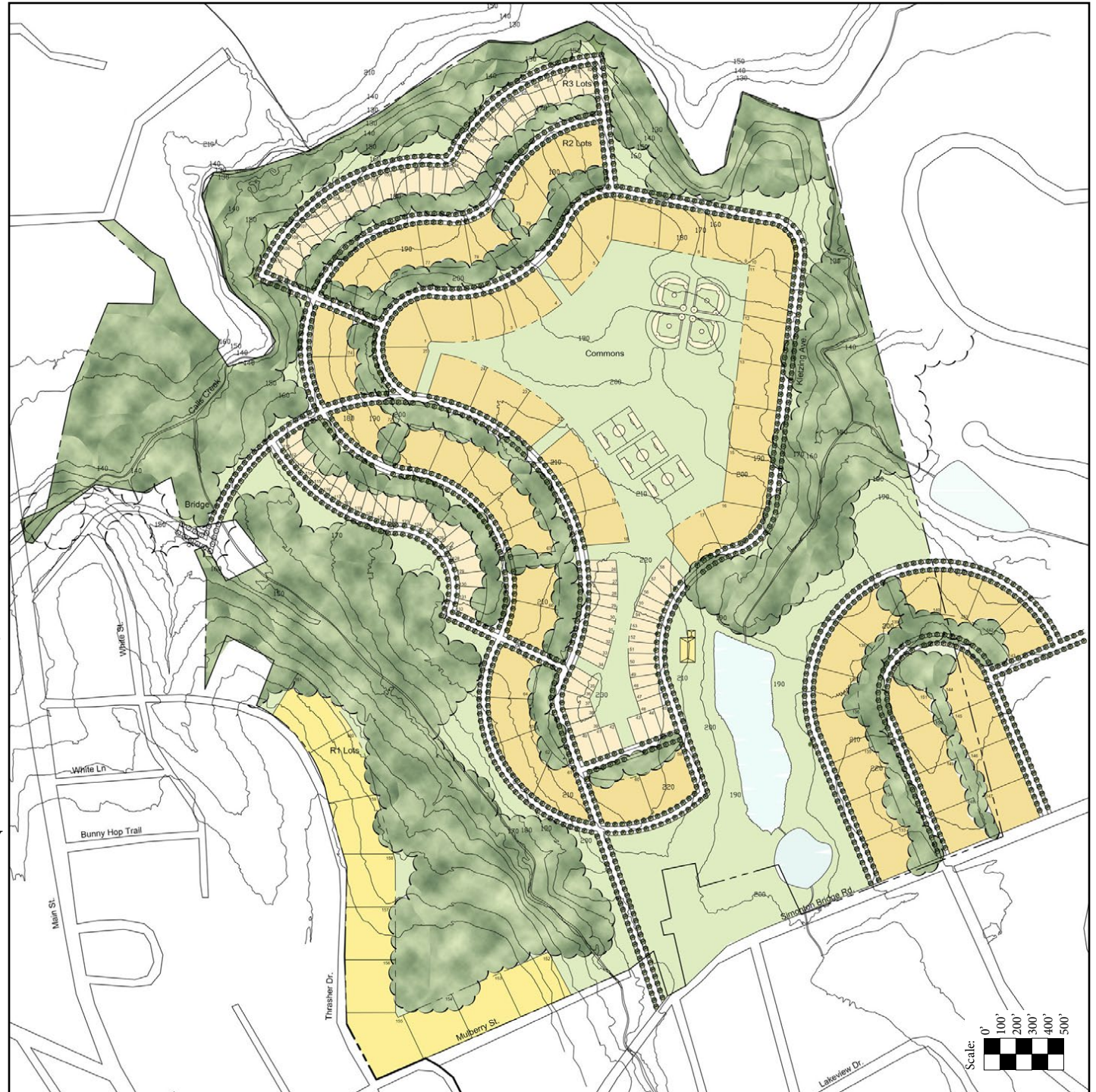


Land Planning for a Subdivision

- each residential lot has a greenway in its backyard
- greenways are meant for biking, running, socializing, etc.
- the entire greenway system is interconnected
- the central, hilltop park hosts 21 acres of sports fields and recreational area
- streets run parallel to contours, reducing cut and fill
- > 30% of the land is conserved from development
- each lot has a view of the valley below
- the following page shows a pre-analysis of the site

Tools: AutoCAD, Photoshop



Land Planning

Site Analysis

- the land slopes down from a central plateau (slope)
- a ravine carves through the SW and NW portions of the site (slope)
- much of the plateau is grassland, with the SW portion being mostly deciduous forest (vegetation)
- the soil types of the central plateau allow for optimal building placement (suitability)
- the deciduous forest area on the central plateau must be cleared for development (composite)
- residential lots may ring the plateau to allow for views of the valleys below (composite)

Tools: AutoCAD, Photoshop, NRCS Soil Surveys

