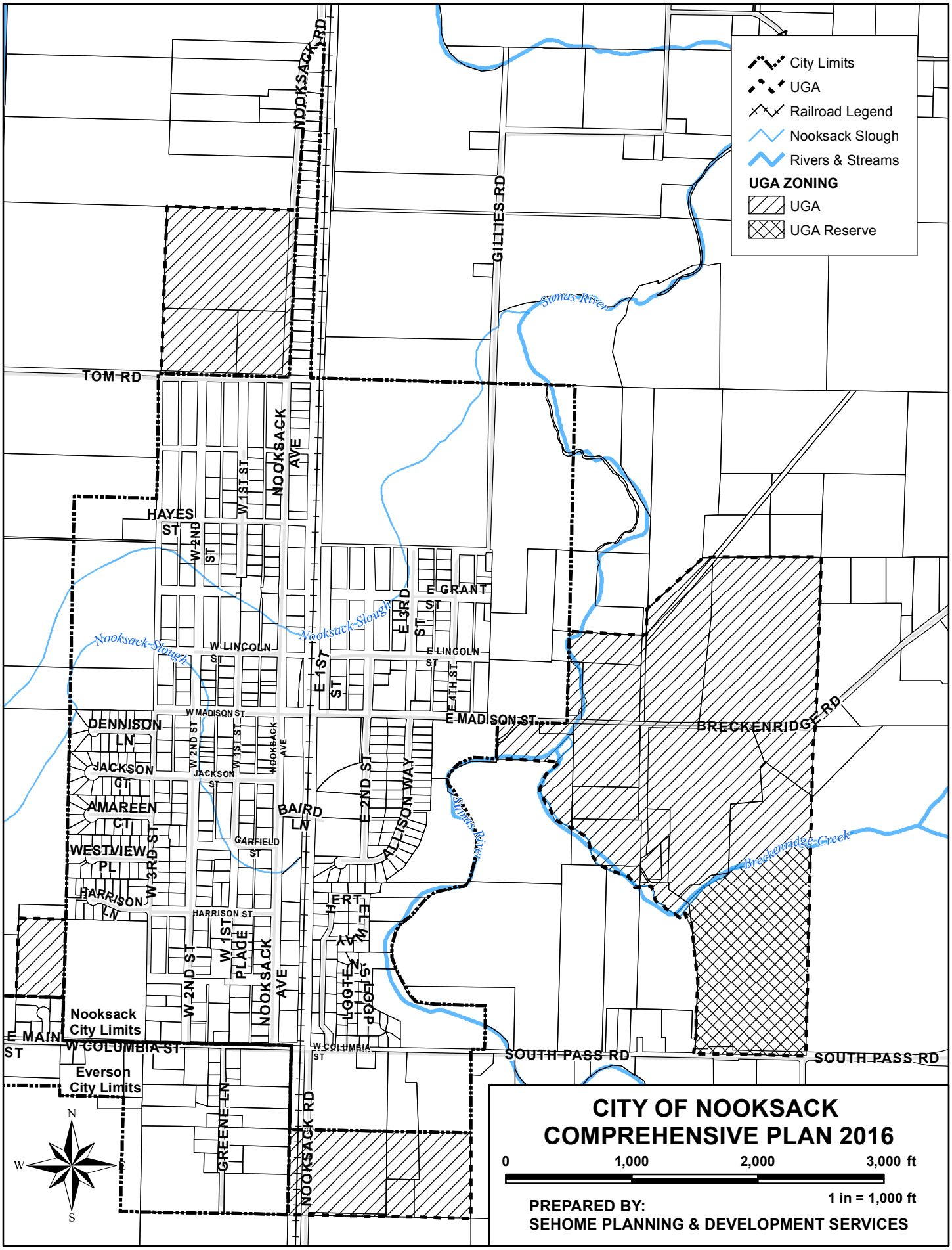MAP 1. BASE MAP