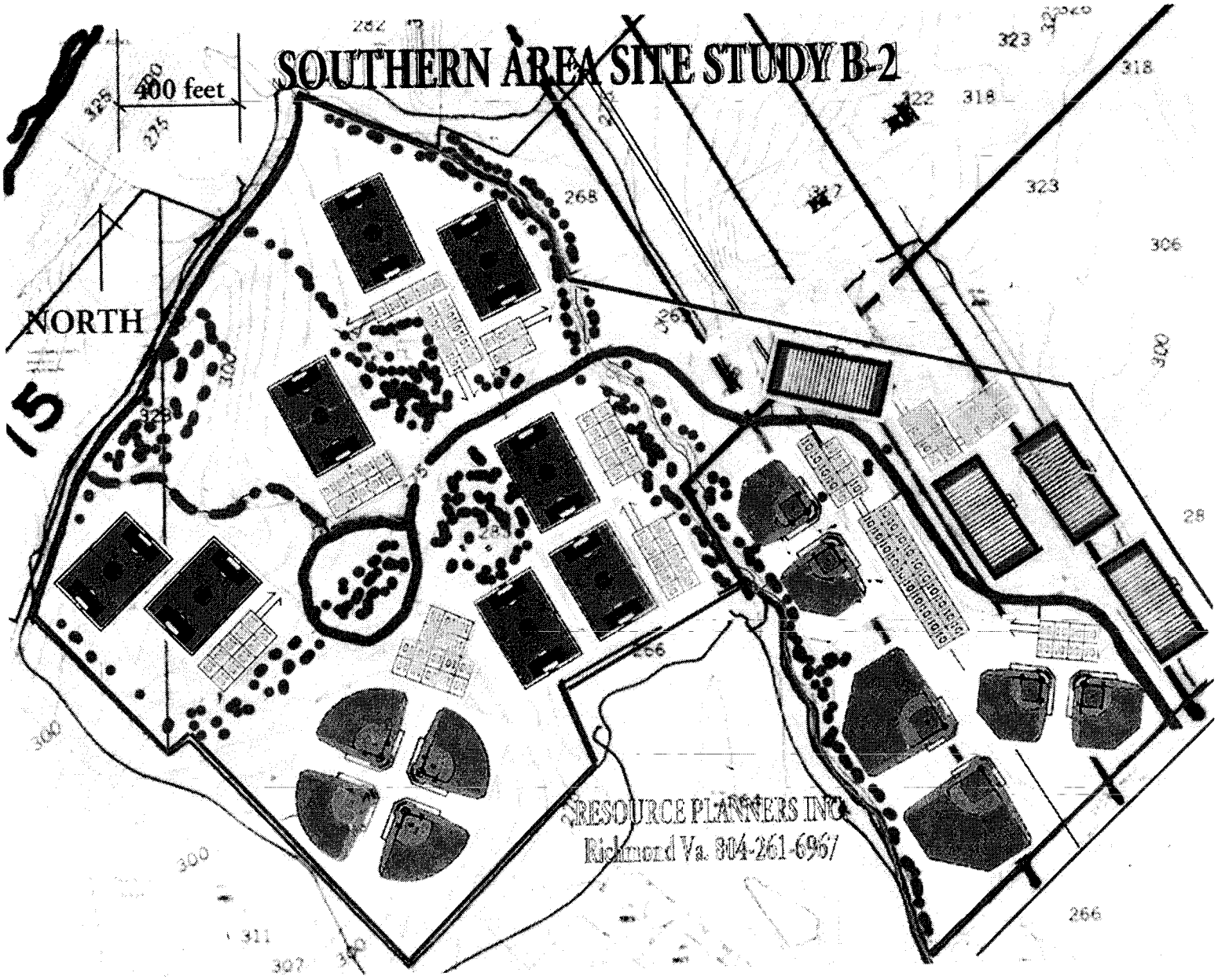SOUTHERN AREA SITE STUDY B-2