

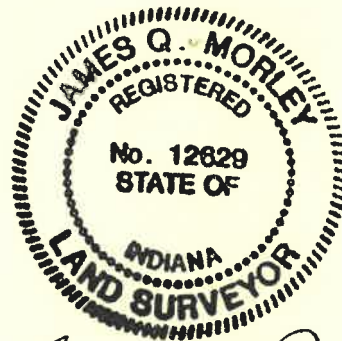
**PRELIMINARY  
DRAINAGE REPORT**

**FOR:**

**ACORN TRAIL SUBDIVISION**

**OWNER: ROBERT E. AND JOAN B. ENGLISH**

**ENGINEER: MORLEY AND ASSOCIATES, INC.**



*James Q. Morley*  
**MAY 20, 1991**

## ACORN TRAIL SUBDIVISION

The site is located northwest of the intersection of Kembell Drive with Caranza Drive in Center Township.

The 4.9 acre site is currently a single-family homesite with a house, garage and barn located on a gentle hillside falling from south to north, near the southwest corner of the subject property. The western end of the property is mostly wooded on a gentle hillside, falling from northwest to southeast. The middle section of the property is pasture with a creek running from southwest to northeast across the property. This creek is subject to 100 year flooding.

The two-lot development will separate the existing house and garage from the remainder of the property. The planned house will be constructed west of the existing barn on the southwest hillside. The addition of this house will not affect the natural contouring and, thus, the drainage to the magnitude that drainage improvements are required for the planned homesite.

An extension of the pavement for Kembell Drive is required for this development. Included in that construction will be a culvert for the existing driveway and a roadside swale west of the proposed pavement extension.

Although a formal drainage plan is not needed, a print of the preliminary roadway plan and profile sheet is included for reference.