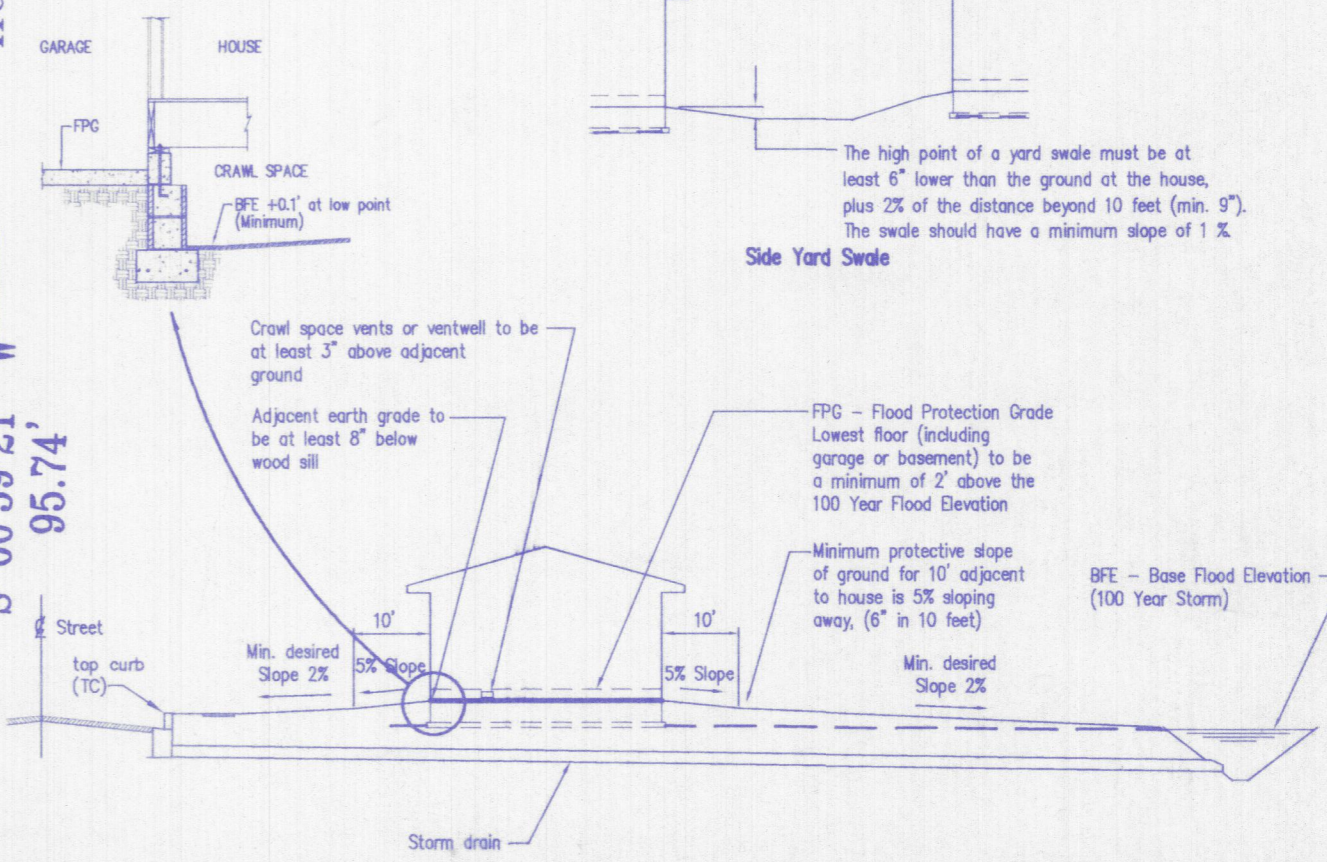


Approx. Location of the 100 Year Flood Zone "A9" as parcel plots by scale on Community-Panel Number 180256 0025 C of the Flood Insurance Rate Maps for Vanderburgh County, the 100 Year Flood Elevation shown thereon is 384.50.

- General Notes**
- Spot elevations shown are results from field surveys performed by Morley and Associates, Inc. on May 15, 2001. Streets, storm sewers, sanitary sewers and water main construction were completed prior to these surveys.
 - Streets where constructed with hot bituminous asphalt pavement with a 3 inch crown in the center of streets. All streets are 29 feet back of curb to back of curb and right-of-way widths are 50 feet (25 feet from center line of street on each side).
 - Portions of this subdivision lie within the boundaries of the 100 year flood zone A9 as plotted by scale on Flood Insurance Rate Map for Vanderburgh County, Indiana, Community Panel Number 180256 0025 C, dated August 5, 1991. The 100 year flood elevation shown thereon is 384.50.
 - The lowest floor elevations of any enclosed space (including the garage or basement) must be at least two feet above the 100 year flood elevation. This minimum floor elevation is called the flood protection grade (FPG). FPG has been marked on all lots near or within the 100 year flood plain. Higher finished floor elevations are required in some instances in order to provide positive drainage to established swales and streets. Minimum finished floor (MFF) elevations are shown on lots requiring elevations above the established FPG. Requirements for establishing the FF shall be based on the standard grading plan shown below.
 - Side yard swales shall be required between each lot as detailed below. The high point shall be near the midpoint of the house and drain toward the top of curb in the front and toward the rear lot corner in the back. The high point should be at least 9" below the finished floor. All swales should maintain a minimum 1 percent slope.
 - Any crawl space located on a lot with FPG designation shall maintain an elevation at the lowest point in the crawl space of 0.10 feet above the 100 year flood elevation. Said minimum elevation is 384.60 or greater.
 - Lot owners shall not construct or place any obstruction within drainage easements which will interfere with the flow of surface water along drainage easements.
 - Fill material for building pads for the foundations of structures shall be placed after stripping of topsoil and shall be compacted to 95 percent of the maximum density obtainable with the Standard Proctor method (ASTM D698).
- Bench Mark Data:**
 Reference Bench Mark - N.G.S. #W-336
 Round top pin in recessed pot at the southwest corner of the intersection of U.S. 41 and Lynch Road E. = 384.69
 TBM#1 - Railroad spike in second power pole east of Delk Drive and Heckel Road intersection along south ROW of Heckel Road E. = 384.81
 Reference Bench Mark #2 - Metal disk on metal tube 1' above ground located at SW corner of Heckel Road and Green River Road (no records found) Stamped E. = 383.10, our Datum 383.19



**Standard Grading Plan
 Dwelling or Accessory Structures**
 No Scale

Morley and Associates, Inc.
 Consulting Engineers/Surveyors/Architects
 600 S.E. Sixth Street
 Evansville, Indiana 47713
 (812) 464-9565

No.	By	Date	Description

David A. Schwann

Project: Keystone Subdivision Section VII-A
 Sheet Title: Site Grading Plan
 Scale: 1"=60'
 Designed By: DWS Job Number: 3998-4
 Drawn By: GAH Date: 06/07/01
 Filename: J:\3998\CIVL\SGPSEC7.dwg
 Sheet Number: 1 of 1