

Final Drainage Modifications:

The following items have been added or modified from the Preliminary Report and Plan filed and approved on March 22, 1999:

- The Undeveloped Watershed exhibit and Detention Calculations have been modified to include the area northeast of the intersection of Boonville-New Harmony Road and Petersburg Road. This area was improved as a convenience store site. The report from the adjoiners was that this area now flows through the subject property. The observed area that could possibly flow into the subdivision was determined to be 9315 square feet (0.21 acres). This addition was incorporated into the Detention Calculations and resulted in an additional 1716 cubic feet of detention storage was necessary. The previously proposed basin was in excess of the required by 4728 cubic feet.
- The drainage system proposed for the entrance road has been provided based on the pavement improvements approved by the County Engineer, John Stoll.
- The conveyance system proposed for the flow coming from the natural valley out of Ayers Subdivision has been updated to address the width of the open channel as it flows to the south.
- An emergency overflow channel has been added to Basin B. The Drainage Easement width has been updated to accommodate this channel.

WITH THESE IMPROVEMENTS TO THE APPROVED PRELIM. PLAN, THE ONLY REMAINING CONCERN ASKED TO BE ADDRESSED IS "RETURNING DISCHARGE FROM BASINS TO CHARACTERISTICS EQUAL OR SIMILAR TO PRE-DEVELOPMENT FLOW CHARACTERISTICS BEFORE DISCHARGE CROSSES ONTO OTHER'S PROPERTY."

(AND. EROSION CONTROL FOR OPEN CHANNELS)

Page

3a

Bill 4/26/99