

Drain: WR FERTIG **Drain #:** 176
Improvement/Arm: ARMS 3 & 4 RELOCATION
Operator: J. LIVINGSTON **Date:** 12-17-03
Drain Classification: Urban/Rural **Year Installed:** 1987

GIS Drain Input Checklist

- Pull Source Documents for Scanning JL
- Digitize & Attribute Tile Drains _____
- Digitize & Attribute Storm Drains JL
- Digitize & Attribute SSD _____
- Digitize & Attribute Open Ditch _____
- Stamp Plans JL
- Sum drain lengths & Validate JL
- Enter Improvements into Posse JL
- Enter Drain Age into Posse _____
- Sum drain length for Watershed in Posse _____
- Check Database entries for errors JL



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 December 4, 1985

TO: Hamilton County Drainage Board

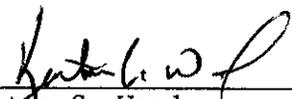
RE: W.R. Fertig Drain

Attached are plans and calculations for the Meridian Technology Center, along with a request to tie into the W.R. Fertig Drain. Upon review of the plans and calculations, I believe that the development has been designed according to the design criteria established for the area in 1982. This criteria limits Allowable Runoff to 0.25 cfs per acre. The after development runoff according to the October 31, 1985 letter from Bruce Nicholson of Schneider Engineering Corporation will be somewhat less than 0.20 cfs per acre.

The plans show on Sheet S-2 and S-3, the relocation of arms #3 and #4 of the W.R. Fertig Drain. This was approved as part of the reconstruction/maintenance hearing held on August 1, 1983. The timetable for this relocation to be completed is April 1986.

The Drainage Plan for the development shows the internal drainage system for the streets and the four (4) lakes, which will serve as retention areas. This drainage system and lakes will not become part of the regulated drain. The system will be built and maintained as a private drain, unless accepted by the City of Carmel, when annexed

I recommend approval of the tie-ins, drainage plan, relocation and timetable.



Kenton C. Ward
Hamilton County Surveyor

KCW/no



SURVEYOR'S OFFICE

Hamilton County

Kenton C. Ward, Surveyor

~~775-6110 Ext. 19~~
776-9626

Noblesville, Ind. 46060 February 3, 1988

TO: Hamilton County Drainage Board

RE: W.R. Fertig Drain

Attached is a plan showing the relocation of Arms 3 and 4 of the Fertig Drain. The relocation, which was done by Browning Investments, Inc. was approved at the hearing on August 1983. Inspection has been made and the relocation was found to be complete and acceptable. The relocation is shown on the attached plan from Schneider Engineers as built dated February 19, 1987.

Arm 4 originally involved 450 feet of ten (10") inch tile which began in a structure along the North side of 116th Street and ran North to the main drain. This was changed so that the new arm begins at a structure along the North side of 116th Street North of its original location along the new North R/W for 116th Street. The tile then runs North West as a twenty-one (21") inch tile to a structure; thence North East in a twenty-one (21") inch tile to STR #9 on the main line. The new arm consists of 500 feet.

Arm 3 originally involved 682 feet of fifteen (15") inch tile which began in a structure along the South side of 116th Street and ran North to the main drain. The new section begins fifty (50') feet North of the existing structure at STA 0 in a new manhole. The drain then runs NorthEast to STR #7 in the main tile. The arm now consists of fifty (50') feet of the original arm from STA 0 to STA 0+50 and 560 feet of twenty-one (21") inch RCP between STA 0+50 to STR #7.

I recommend the Board accept the arms described above as complete. The drainage maps for the drain have been modified to show the change.

FILED

FEB 8 1988

HAMILTON COUNTY DRAINAGE BOARD

Nancy Ellen Oldham

Kenton C. Ward

Kenton C. Ward

Hamilton County Surveyor

KCW/no