



# Heithaus Engineering Incorporated

Consulting Engineering & Registered Land Surveying – *Since 1979*

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## Indian Ridge Resort, Phase I

Branson West, Stone County, Missouri

### Addendum No. 2

**Date:** February 10, 2006

**General:**

This addendum is incorporated into the contract documents for the project referenced above.

**Paving:**

1. Revised Red Hawk Court (See attached 8.5"x11" plan & profile, Scale 1"=100') (Replaces Red Hawk Ct. Shown on Sheet P.11)

**Waterline Plans:**

2. Relocated fire hydrants & meters to eliminate air release valves where possible per City.
3. Revised Connection details for offsite Waterline Extension (Ref. Sheet WX.2 & WX.3)
4. Added Water laterals to serve commercial tracts along Hwy. 76 and Indian Ridge Road (Ref. Sheet WX.3 and W.2).
5. Revised locations of water laterals along onsite waterlines to avoid conflicts with drainage & other utilities.
6. Revised drafting items for Onsite waterlines (Sheets W.2 thru W.14) including re-numbering sheets.
7. Revised Waterline D (Ref. Sheet W.12 & W.13)
8. Added Street Crossing Detail (Ref. Sheet W.15)

**Sanitary Sewer Plans:**

1. Added Sanitary Sewer laterals to all lines;
2. Added Ductile Iron Pipe with Concrete Encasement at all drainage crossings to prevent erosion per City comments;
3. Revised Manholes Rims to extend a minimum of 1-ft. above grade on uphill side per City comments (reference sewer details Sheet S.21 & sewer profiles);
4. Added Drop MH at MHA2#1 to reduce pipe slope (Ref. Sheet S.7)
5. Added Drop MH A3#a between MH A1#5 & MH A3#1, Sewer Line A3 to reduce pipe slope and Adjusted MH A3#1(Ref. Sheet S.8)
6. Adjusted MH B1#6 to reduce pipe slope (Ref. Sheet S.10)
7. Added Ductile Iron Pipe between MH B#2 and MH B#4 per City comments. (Ref. Sheet S.10)
8. Extend Sewer B2 to serve Lot 11, Added MH B2#6 (Ref. Sheet. S.11).
9. Added Concrete Anchor Detail (Ref. Sheet S.13)
10. Revise Manhole Details to Include "Z-lok" for manhole connection (max. grade 46.7%) and to show MH Rim extending 1-ft. min. above grade on uphill side. (Ref. Sheet S.21).

End of Addendum No. 2