

FEMA NFIP TECHNICAL BULLETIN 10 ANALYSIS

The proposed 3rd Plat of Whispering Woods located in Lee's Summit Missouri will place structural fill to raise the proposed lots out of the existing floodplain of Mouse Creek. To comply with the City of Lee's Summit requirements the entire lot will be raised above the base flood elevation and the proposed structure will be a minimum of 2' above the base flood elevation. The following is analysis of all the lots for Whispering Woods 3rd Plat. Lot 51-62 and 74-78 are the only lots located in the existing floodplain. The remaining lots are included in this analysis to provide guidance on the minimum basement elevations and minimum building opening elevations for those lots to ensure the basement are not place below the base flood elevations.

Address	Lot Number	Base Flood Elevation	Lowest Lot Elevation after Proposed Grading	Minimum Basement Elevation	Minimum Building Opening Elevation	Part of Proposed Lot within limits of existing Flood Plain
2605 SW Fern Court	51	960.55	960.75	962.55	962.55	YES
2609 SW Fern Court	52	959.75	959.79	961.75	961.75	YES
2613 SW Fern Court	53	959.40	959.46	961.40	961.40	YES
2617 SW Fern Court	54	959.05	959.14	961.05	961.05	YES
2621 SW Fern Court	55	958.55	958.59	960.55	960.55	YES
2625 SW Fern Court	56	958.15	958.21	960.15	960.15	YES
2629 SW Fern Court	57	957.35	957.38	959.35	959.35	YES
2633 SW Fern Court	58	956.25	956.69	958.25	958.25	YES
2616 SW Fern Court	59	957.90	959.08	959.90	959.90	YES
2612 SW Fern Court	60	958.50	960.16	960.50	960.50	YES
2608 SW Fern Court	61	958.95	962.00	960.95	960.95	YES
2604 SW Fern Court	62	959.50	964.00	961.50	961.50	YES
1957 SW Fern Circle	63	959.50	966.76	961.50	961.50	NO
1953 SW Fern Circle	64	959.75	966.76	961.75	961.75	NO
1949 SW Fern Circle	65	959.75	967.96	961.75	961.75	NO
1945 SW Fern Circle	66	959.75	968.86	961.75	961.75	NO
1941 SW Fern Circle	67	959.80	970.55	961.80	961.80	NO
1937 SW Fern Circle	68	960.20	970.55	962.20	962.20	NO
1933 SW Fern Circle	69	960.40	971.51	962.40	962.40	NO
1929 SW Fern Circle	70	960.85	972.29	962.85	962.85	NO
1925 SW Fern Circle	71	961.30	972.60	963.30	963.30	NO
1921 SW Fern Circle	72	962.33	966.00	964.33	964.33	NO
1917 SW Fern Circle	73	962.20	963.34	964.20	964.20	NO
1913 SW Fern Circle	74	962.15	962.67	964.15	964.15	YES
1909 SW Fern Circle	75	961.55	962.00	963.55	963.55	YES
1905 SW Fern Circle	76	961.05	962.00	963.05	963.05	YES
1901 SW Fern Circle	77	960.40	965.07	962.40	962.40	YES
1952 SW Fern Circle	78	960.70	968.75	962.70	962.70	YES
1948 SW Fern Circle	79	960.95	969.80	962.95	962.95	NO
1914 SW Fern Circle	80	960.25	970.17	962.25	962.25	NO

All the proposed lots within Whispering Woods 3rd Plat have minimum basement elevations and minimum building openings above the Base Flood Elevations. Therefore, per Table 4 of the FEMA NFIP Technical Bulletin 10 the proposed lots have a minor relative residual risk and are reasonably safe from flooding.

Based on this information additional building setback for flood protection are not required.

