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October 30, 2012

Peter Erb-Zoning Administrator
Town of Hinesburg
10632 VT Route 116
Hinesburg, VT 05461

Re: Intersection Improvements at Weed Road and Shelburne Falls Road

Dear Peter,

On October 17, 2012 I visited the Weed Road intersection with Shelburne Falls Road and met with Steve Rowell for the purpose of evaluating the access improvements with the Town of Hinesburg standards. A list of my observations and comments are summarized below.

- The total curb cut is 54' in width which provides appropriate turning movements for entering and exiting Weed Road. The construction was complete in general conformance with the Residential Drive requirements in the B-71 standards.

- The profile grade of the 20' approach is on the average 5 percent. This is slightly greater than the recommended approach grade of 3 percent. However, there are several mitigating circumstances that in my professional opinion make this intersection acceptable. The approach area is paved which provides much better traction than an aggregate gravel surface. The corner sight distance is very good in all directions. The driveway profile is 10 percent which is well below the maximum allowable grade of 15 percent.

- The recent improvements at the Weed Road intersection with the Shelburne –Hinesburg Road, have significantly improved the access over previous conditions. The new access modifications meet the general intent of the B-71 and A-76 standards for a Residential Drive intersection with a main collector road.

If you have any questions or wish to discuss my findings in greater detail please let me know.

Sincerely,

Stephen A Vock, P.E.

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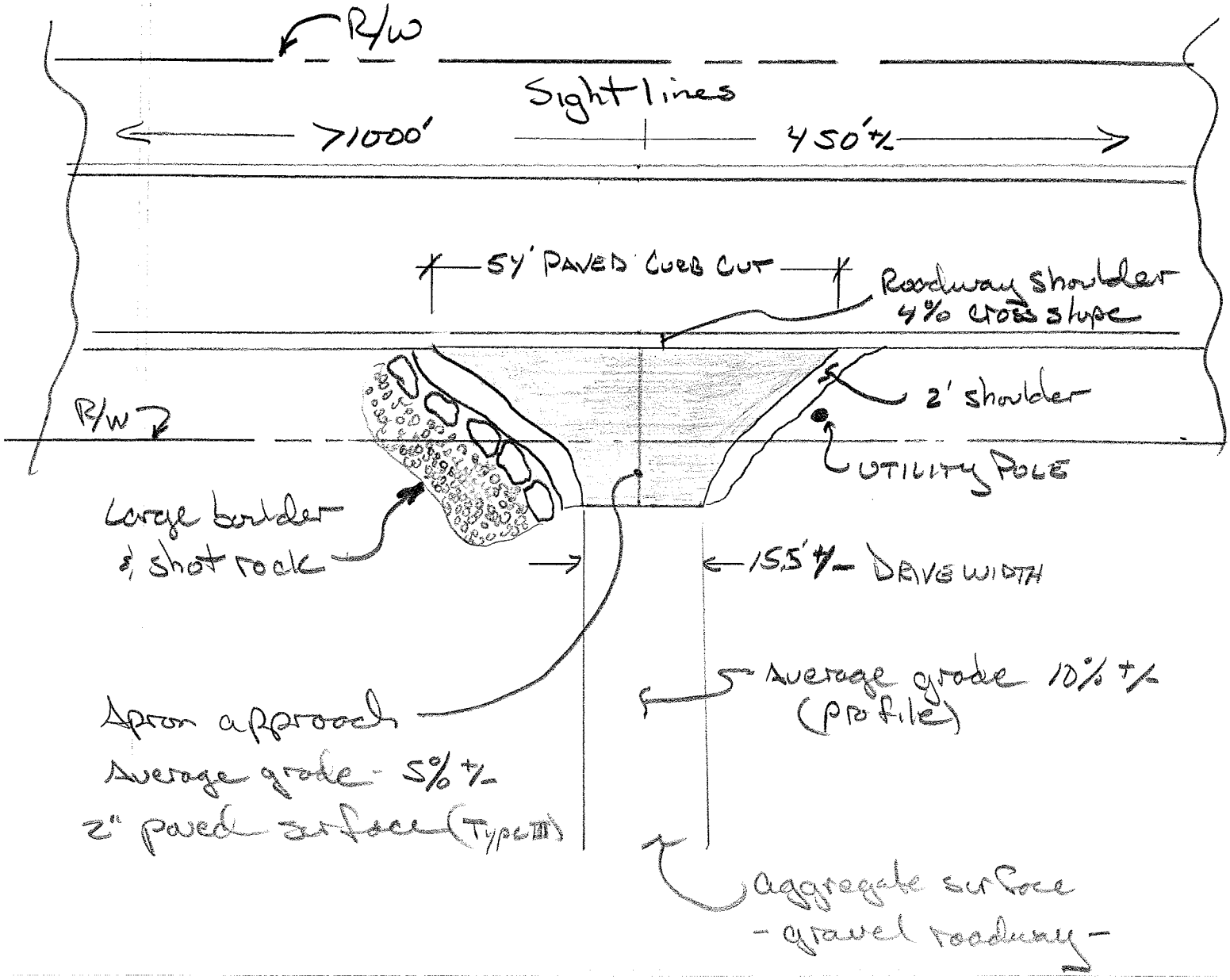
Weed Rd



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