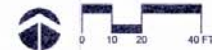




**OPT 2: STAIR ACCESS**  
**ORCHARD ST. RAVINE** DATE: NOV. 1, 2005



This option was developed as an elevated stair plus trail approach to directly negotiate the steep slope beginning at the drive at the end of 38th Ave. SW. 9 feet lower than the street elevation, this option heads directly south to the cul-de-sac. The elevated stair section is approximately 70 feet in length and drops approximately 30 feet in elevation. The structure would be steel or concrete vertical columns with steel or glue-laminated timber stringers for the stair treads and risers. The decking would be recycled plastic 'lumber'. The elevated stairway requires handrails, a steel 'picket' with recycled plastic 'wood' top rail. A 4 foot wide compacted crushed gravel trail completes the connection to the cul-de-sac. The gravel trail is approximately 40 feet in length and drops 2 feet in elevation from the base of the stair to the cul-de-sac.

Trail construction & associated restoration - \$120,000 to \$140,000  
 Remaining for VMP and Implementation - \$35,000 - \$55,000