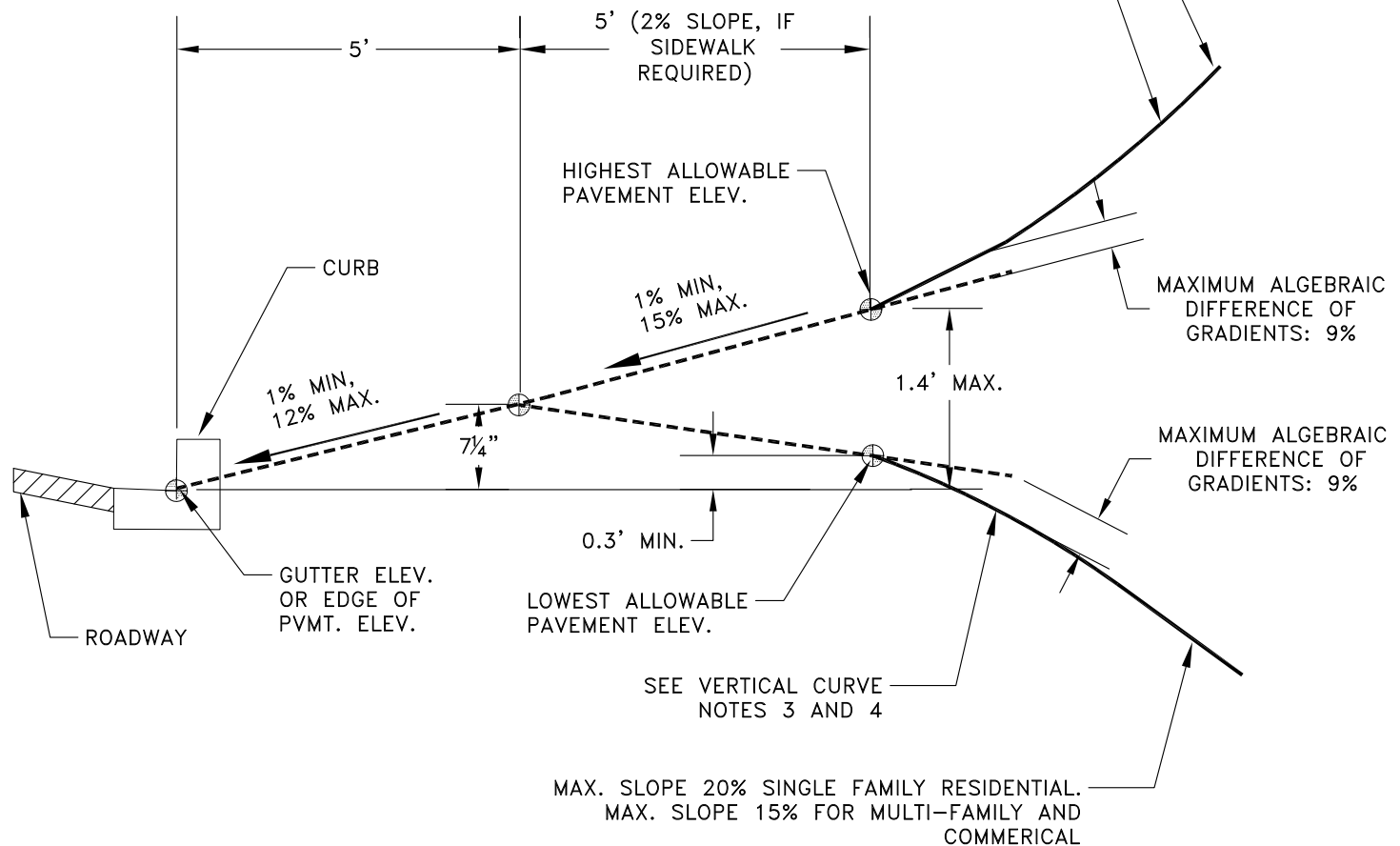


MAX. SLOPE 20% SINGLE FAMILY RESIDENTIAL
 MAX. SLOPE 15% FOR MULTI-FAMILY AND COMMERCIAL

SEE VERTICAL CURVE
 NOTES 3 AND 4



NOTES:

1. MAXIMUM ALGEBRAIC DIFFERENCE BETWEEN ROADWAY CROSS SLOPE AND DRIVEWAY RUNNING SLOPE IS 17% FOR RESIDENTIAL DRIVEWAYS AND 12% FOR COMMERCIAL DRIVEWAYS.
2. DRIVEWAY GRADES OUTSIDE PUBLIC RIGHT-OF-WAY MUST COMPLY WITH LAND USE CONDITIONS AND/OR LOC 50.06.003.
3. OUTSIDE THE PUBLIC RIGHT-OF-WAY, THE MAXIMUM GRADE BREAK IN A DRIVEWAY SHALL BE 1%.
4. VERTICAL CURVES MUST BE USED FOR GRADE BREAKS EXCEEDING AN ALGEBRAIC DIFFERENCE OF 1%. MINIMUM LENGTH OF THE CURVE MUST BE 1 FOOT FOR EACH PERCENTAGE POINT OF DIFFERENCE BETWEEN GRADIENTS.



City of Lake Oswego
 Engineering Division
 Erica Rooney, P.E. City Engineer

**TYPICAL DRIVEWAY
 GRADIENT (PROFILE)**

S4-01