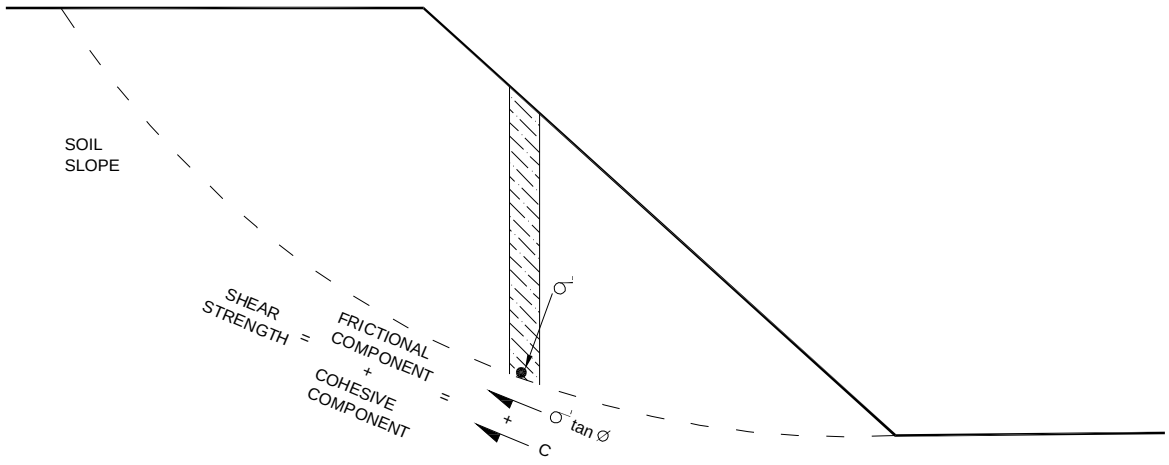

WHERE σ' = EFFECTIVE NORMAL STRESS ACTING ACROSS SURFACE OF RUPTURE DUE TO WEIGHT OF OVERLYING SOIL

tan ∅ = TANGENT OF SOIL'S EFFECTIVE INTERNAL FRICTION ANGLE

C = SOIL'S EFFECTIVE COHESION

SCHEMATIC OF SHEAR STRENGTH CALCULATION ALONG SURFACE OF RUPTURE

FIGURE 18

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Ottawa, Ontario

Ottawa

PROJECT No. 03-1120-080 FILE No. Slope_X_Sec CADD P.M. DATE JULY 2003

Drawing file: Slope_X_Sec.dwg Jul 22, 2004 - 4:34pm