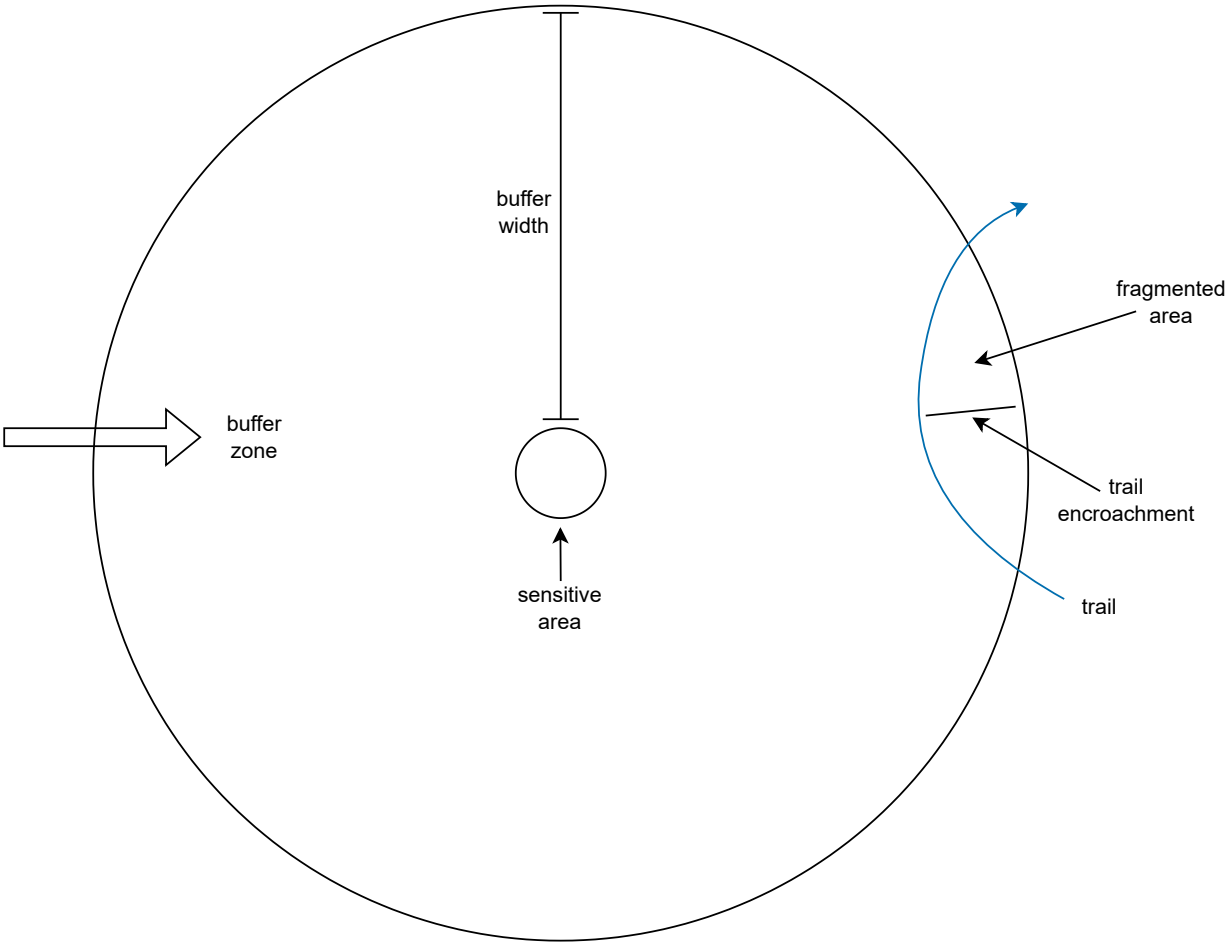
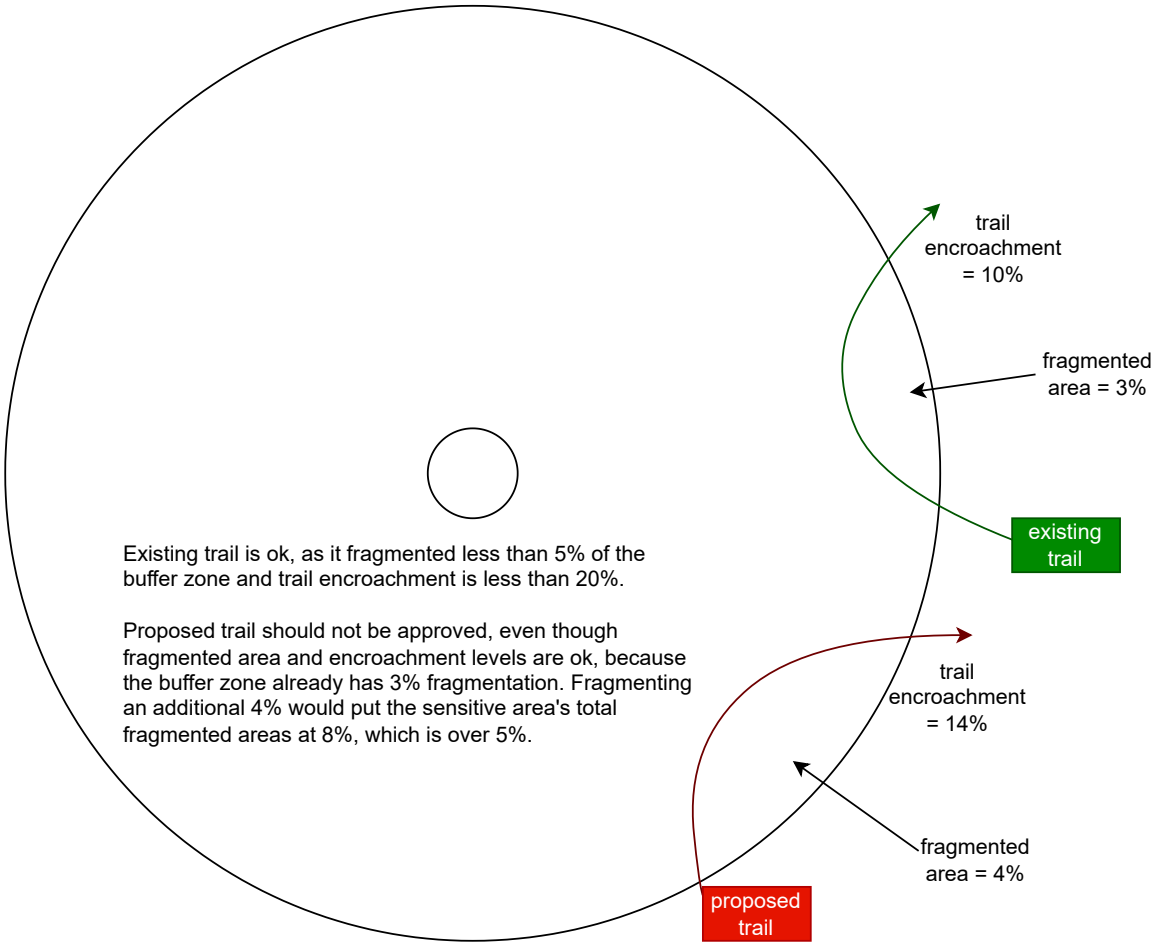

buffer
width
fragmented
area
buffer
zone
trail
encroachment
sensitive
area
trail


trail
encroachment
= 10%
fragmented
area = 3%
existing
trail
Existing trail is ok, as it fragmented less than 5% of the buffer zone and trail encroachment is less than 20%.
Proposed trail should not be approved, even though fragmented area and encroachment levels are ok, because the buffer zone already has 3% fragmentation. Fragmenting an additional 4% would put the sensitive area's total fragmented areas at 8%, which is over 5%.
trail
encroachment
= 14%
fragmented
area = 4%
proposed
trail