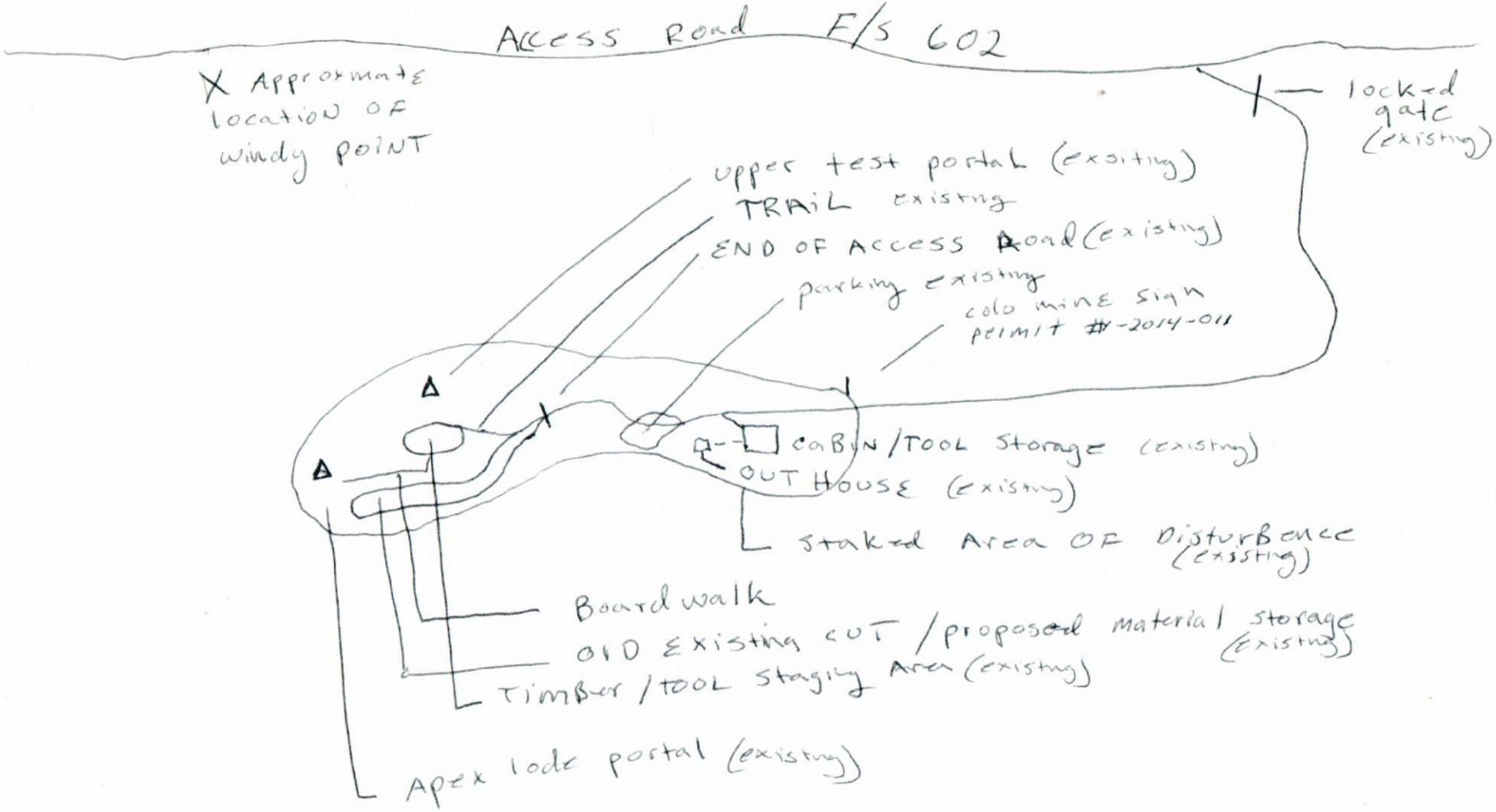NOT to Scale JUST REFerNCE