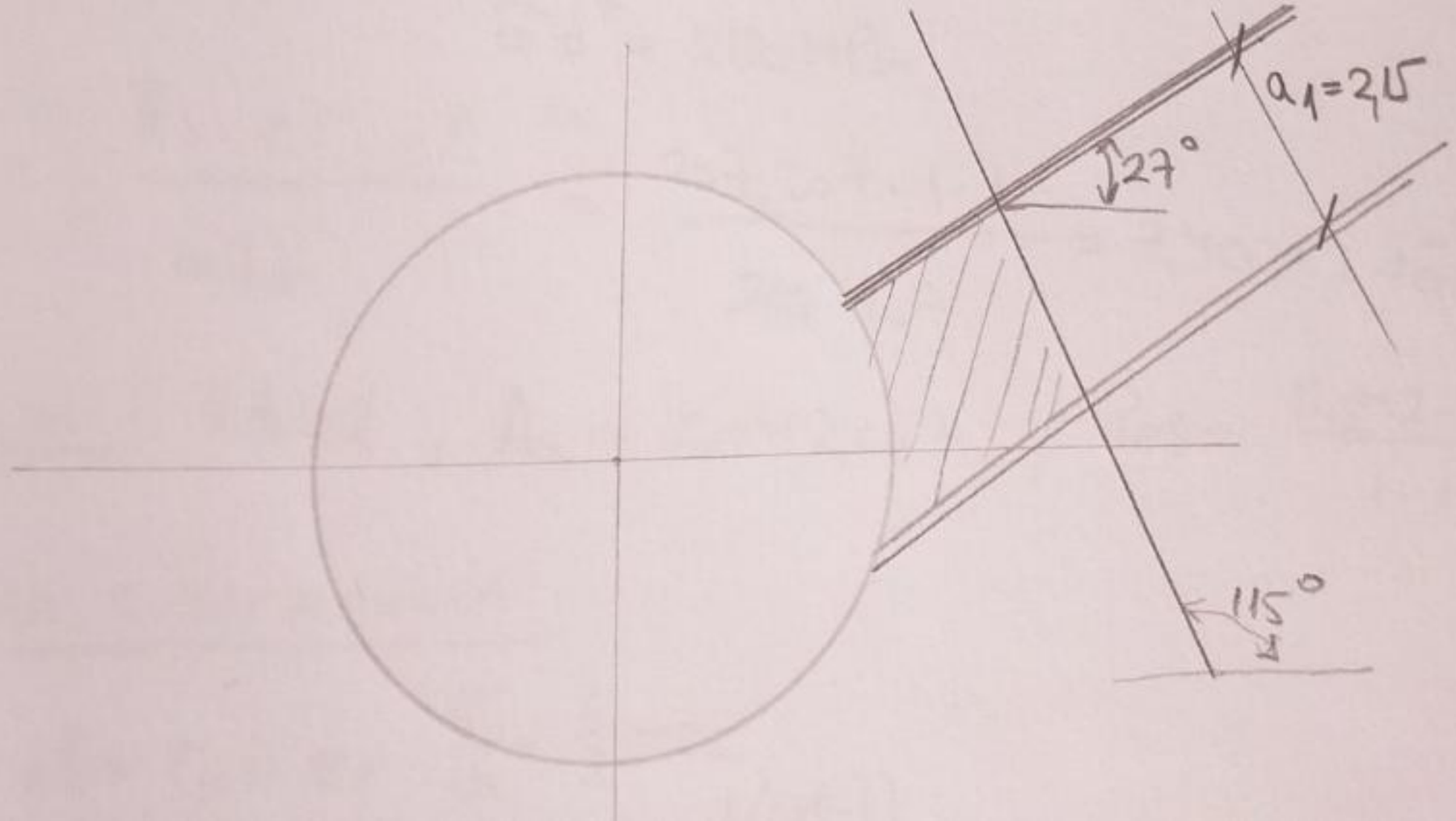
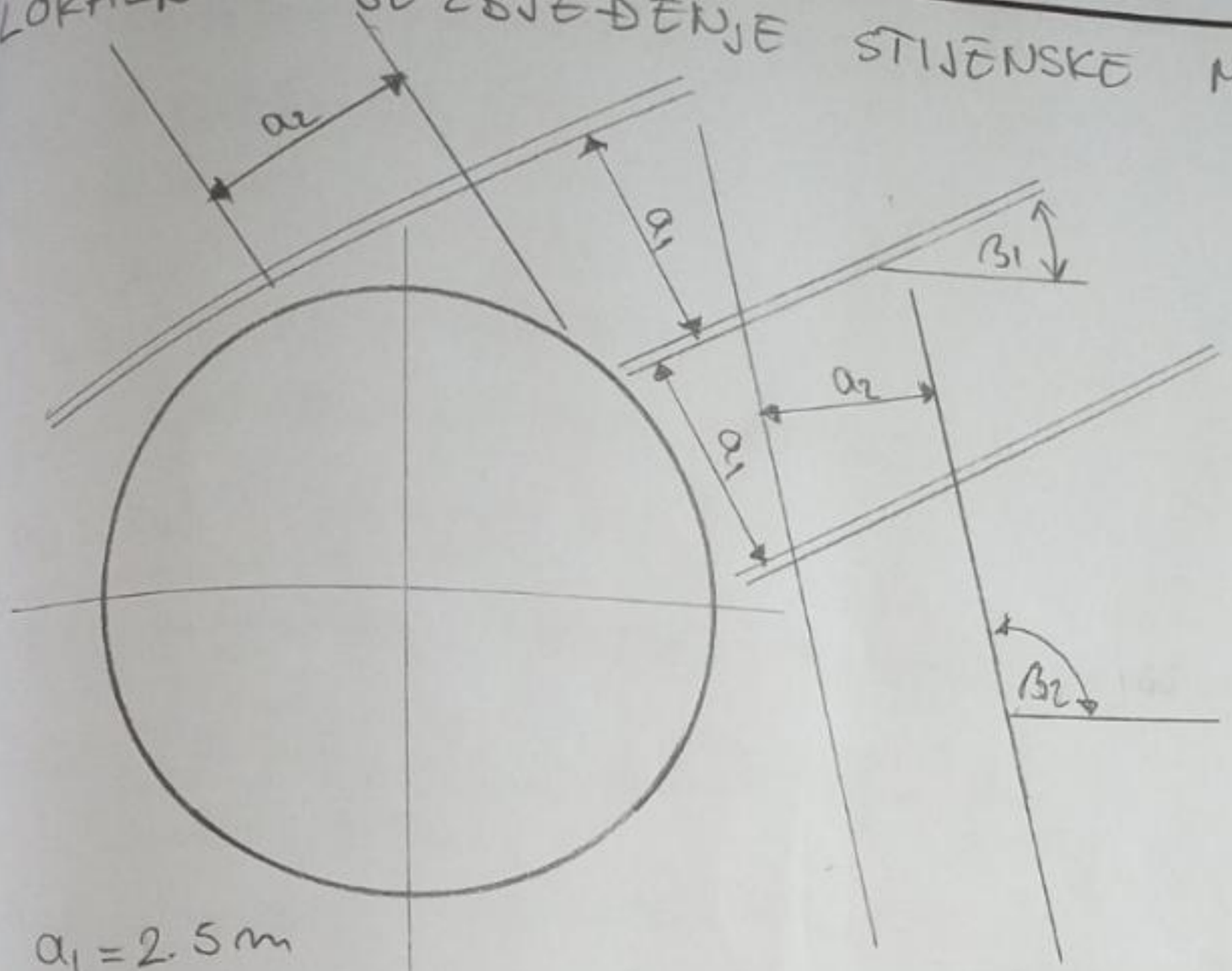
1.4 $W = a_1 \cdot a_2 \cdot \gamma_s = 2{,}15 \cdot 2{,}45 \cdot 33 = 173{,}827\ kN/m'$

$$F_s = \frac{W \cdot \cos\Psi \cdot \operatorname{tg}\phi}{W \cdot \sin\Psi} = 2{,}032 \geq 2 \Rightarrow \underline{\text{BLOK STABILAN}}$$

$a_1 = 2{,}15m$
$a_2 = 2{,}45m$
$\gamma_s = 33\ kN/m^3$
$\phi = 46°$
$C = 0$
$\beta_1 = \Psi = 27°$



LOKALNO OBEZBJEĐENJE STIJENSKE MASE SIDRENJEM



$a_1 = 2.5\,m$

$a_2 = 3.0\,m$

$\beta_1 = 36^\circ$

$\beta_2 = 140^\circ \Rightarrow \Theta = \beta_2 - 90^\circ = 50^\circ$

$W = a_1 \cdot a_2 \cdot \gamma_s = 2{,}5 \cdot 3{,}0 \cdot 24 = 180\,kN/m$

$F_s = \dfrac{W \cdot \cos\beta_1 \cdot tg\Phi}{W \sin\beta_1} = \dfrac{180 \cdot \cos 36 \cdot tg45^\circ}{180 \cdot \sin 36^\circ} = 1{,}37 < 2.0 \Rightarrow$ NE ZADOVOLJAVA PA JE POTREBNO LOICALNO OBEZBJEĐENJE SIDRIMA

$F_s = \dfrac{C \cdot A + (W\cos\beta_1 + z\cos\Theta)\, tg\Phi}{W\sin\beta_1 - z\sin\Theta} \geq 2.0$

$(W\cos\beta_1 + z\cos\Theta)\, tg\Phi \geq 2(W\sin\beta_1 - z\sin\Theta)$

$z \geq \dfrac{W\,|2\sin\beta_1 - \cos\beta_1 tg\Phi|}{\cos\Theta\, tg\Phi + 2\sin\Theta}$

$z \geq \dfrac{180\,|2 \cdot \sin 36 - \cos 36 \cdot tg45|}{\cos 50^\circ tg\,45^\circ + 2\sin 50^\circ}$

$z \geq 30{,}34\,kN/m'$