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Surcharge Conditions (Slope 20'-High, 2H:1V, γ _s =120 pcf)		FOS (Global Stability)		
		c=0	c=100 psf ф=30°	c=500 psf
	No Surcharge	1.43 (+1%)	1.82 (+4%)	1.35
	Infinite Uniform	1.42	1.74	1.23
A/(BC) 430	Overall Contact	1.41 (-1%)	1.69 (-3%)	1.28
(1/2)A/(BC) 215	(½) Overall Contact	1.43 (+1%)	1.75 (+1%)	1.31
TTO BE THE	Infinite Strips (Overall Contact)	1.38 (-5%)	1.70 (-2%)	1.27
1150 PSFUT W	Infinite Strips (Max. Contact)	1.35 (-5%)	1.64 (-6%)	1.24
BIO KET	Infinite Line (Overall Contact)	1.38 (-3%)	1.67 (-4%)	1.27
1955 K1FF	Infinite Line (Max. Contact)	1.35 (-5%)	1.61 (-7%)	1.27
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Surcharge Cond	Surcharge Conditions (Slope 20'-High, 2H:1V, γ_=120 pcf)		FOS (Global Stability)			
(Slope 20'-High, 2H:1V			с=100 psf ф=30°	c=500 psf		
	No Surcharge	1.43 (+1%)	1.82 (+4%)	1.35		
250 PSF	Infinite Uniform	1.42	1.74	1.23		
A/(BC) 430	Overall Contact	1.41 (-1%)	1.69 (-3%)	1.28		
(1/2)A/(BC) 215	(½) Overall Contact	(1.43 (+1%)	1.75 (+1%)	1.31		
	<u>Conclus</u>	<u>ions</u>				
aluate acceptability	of a specific co	nstruction	equipme	nt based		
sults of stability analy	ses with 250 p	sf infinite,	uniform s	strip load		



Surcharge Conditions (slope 20'-High, 2H:1V, x=120 pcf) FOS (Global Stability) Imfinite Strips (Overall Contact) c=0 (=34°) c=100 psf (==0°) Imfinite Strips (Overall Contact) 1.38 (-5%) 1.70 (-2%) 1.27 Infinite Line (Overall Contact) 1.38 (-3%) 1.67 (-4%) 1.27 Second Conclusions Conclusions Conclusions Not to apply extending the footprint 2x along the transverse direction of the slope.	Geo ³ April 11-12	T ² 2017				ar fc W	nec ister heeler
(Slope 20'-High, 2H:1V, y=120 pcf) c=0 \$\phi=34^\circ\$ c=100 psf}{\$\phi=30^\circ\$ c=500 psf \$\phi=0^\circ\$ Image: Strips 1.38 (-5%) 1.70 (-2%) 1.27 Image: Strips 1.38 (-3%) 1.67 (-4%) 1.27 Image: Strips 1.38 (-3%) 1.67 (-4%) 1.27 Conclusions Conclusions Conclusions Conclusions Not to apply extending the footprint 2x along the transverse direction of the slope. 1 1		Surcharge Condit	ions	FOS	(Global Sta	ability)	
The REFUNCTION OF THE Strips 1.38 (-5%) 1.70 (-2%) 1.27 Image: Strips Infinite Strips 1.38 (-5%) 1.70 (-2%) 1.27 Image: Strips Infinite Line (Overall Contact) 1.38 (-3%) 1.67 (-4%) 1.27 Conclusions Not to apply extending the footprint 2x along the transverse direction of the slope. 1.00 (-2%) 1.27	(Slop	(Slope 20'-High, 2H:1V, y _g =120 p		c=0	c=100 psf ∳=30°	c=500 psf	
Infinite Line (Overall Contact) 1.38 (-3%) 1.67 (-4%) 1.27 Conclusions Not to apply extending the footprint 2x along the transverse direction of the slope.	770 PSF,	THE W	Infinite Strips (Overall Contact)	1.38 (-5%)	1.70 (-2%)	1.27	
 <u>Conclusions</u> Not to apply extending the footprint 2x along the transverse direction of the slope. 	1310 KF.	k t	Infinite Line (Overall Contact)	1.38 (-3%)	1.67 (-4%)	1.27	
	 Not to ap direction 	ply extend of the slo	Conclusi ling the footp be.	ions rint 2x al	ong the t	ransverse	
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