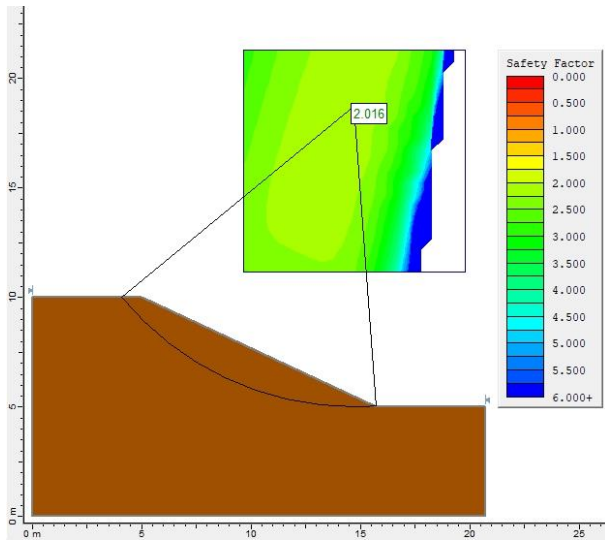


# ANEXO 1.

## Factor de Seguridad y Superficie de Falla - Modelos Slide

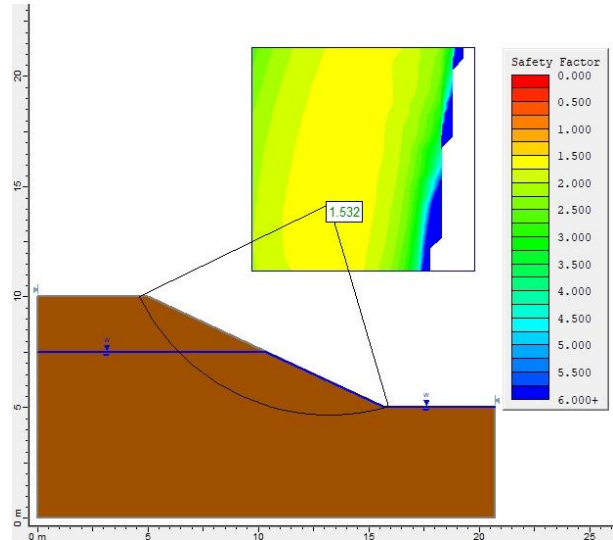
Modelo 1

(SP,  $\beta=25^\circ$ , Sin NF)



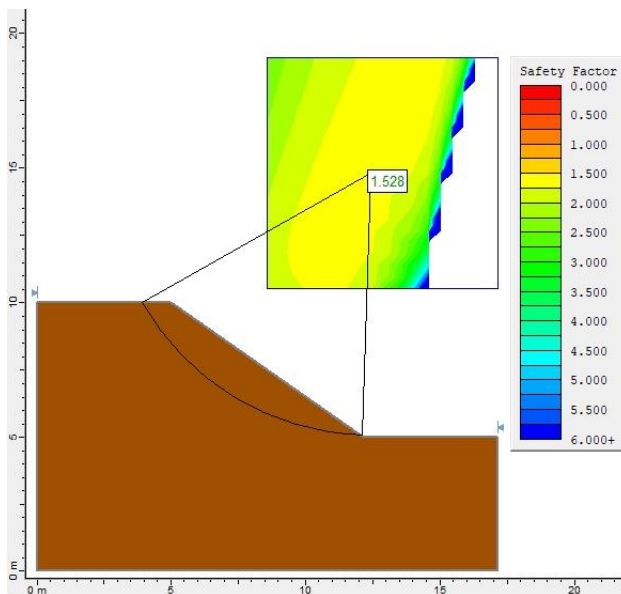
Modelo 2

(SP,  $\beta=25^\circ$ , Con NF)



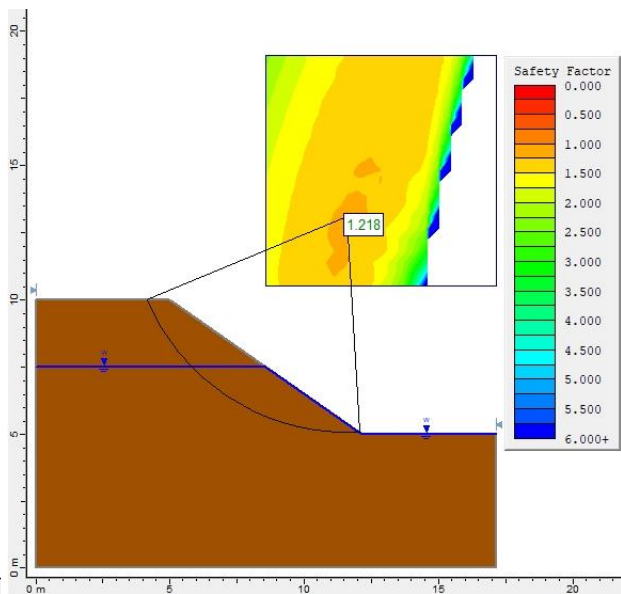
Modelo 3:

(SP,  $\beta=35^\circ$ , Sin NF)



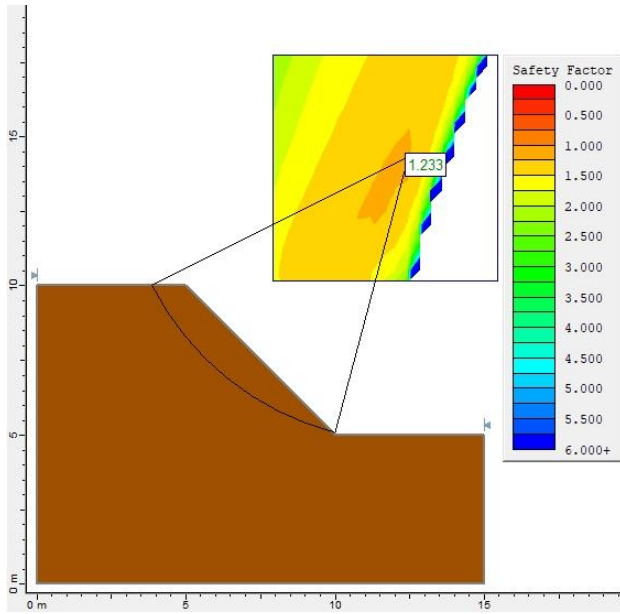
Modelo 4:

(SP,  $\beta=35^\circ$ , Con NF)



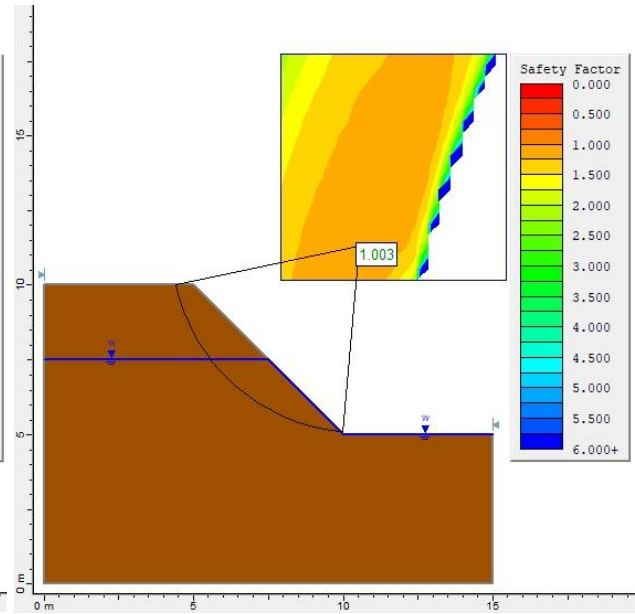
Modelo 5:

(SP,  $\beta=45^\circ$ , Sin NF)



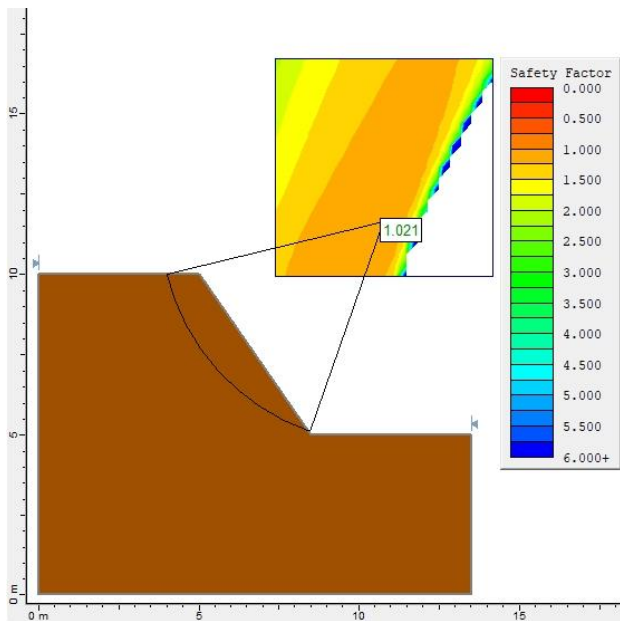
Modelo 6:

(SP,  $\beta=45^\circ$ , Con NF)



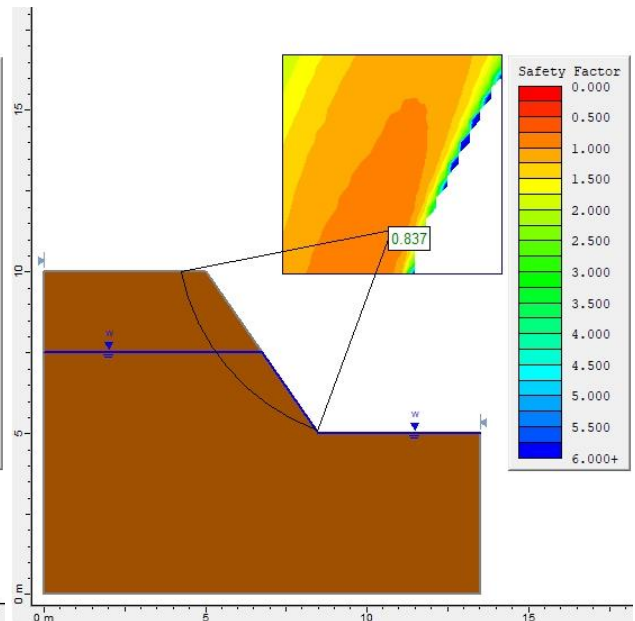
Modelo 7:

(SP,  $\beta=55^\circ$ , Sin NF)



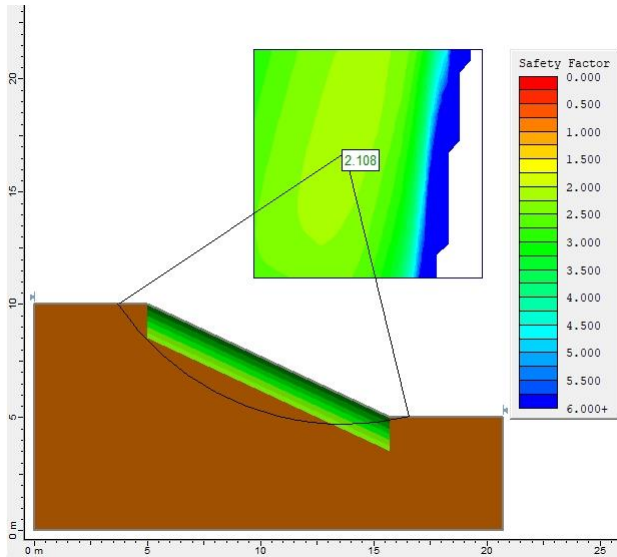
Modelo 8:

(SP,  $\beta=55^\circ$ , Con NF)



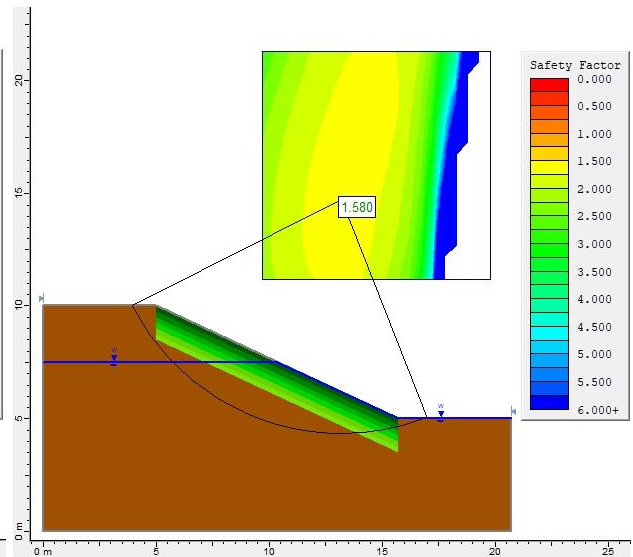
Modelo 9:

(Modelación 1, P1,  $\beta=25^\circ$ , Sin NF)



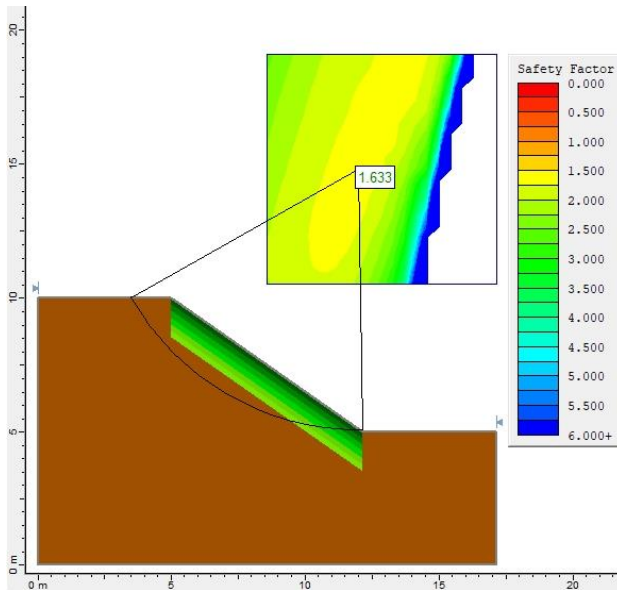
Modelo 10:

(Modelación 1, P1,  $\beta=25^\circ$ , Con NF)



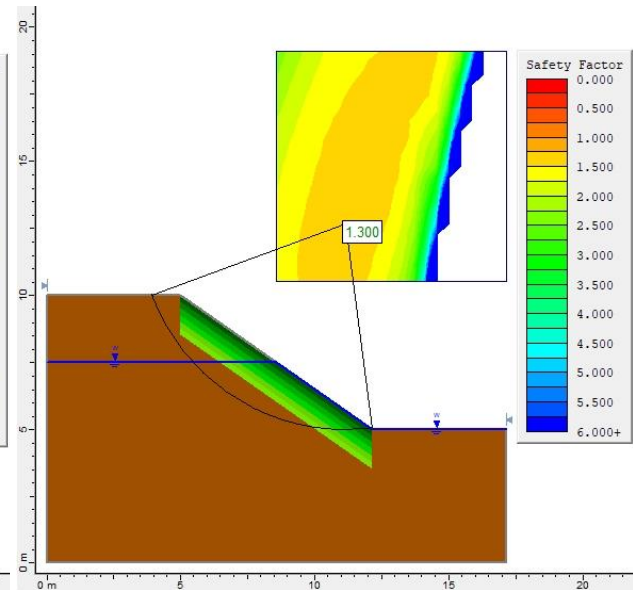
Modelo 11:

(Modelación 1, P1,  $\beta=35^\circ$ , Sin NF)



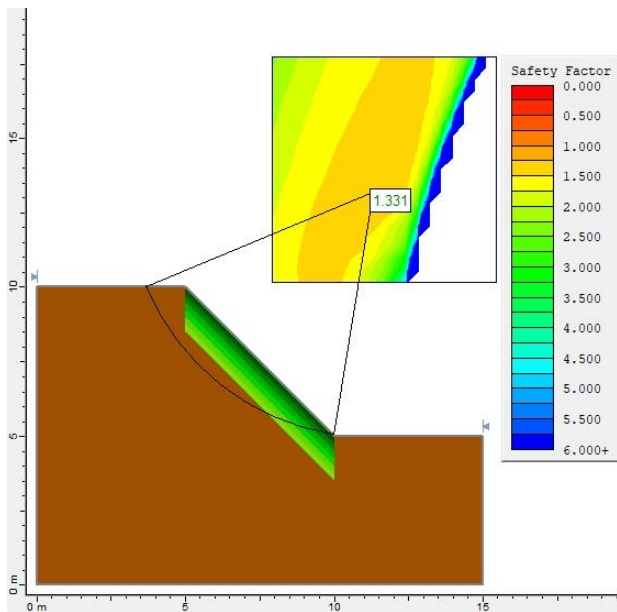
Modelo 12:

(Modelación 1, P1,  $\beta=35^\circ$ , Con NF)



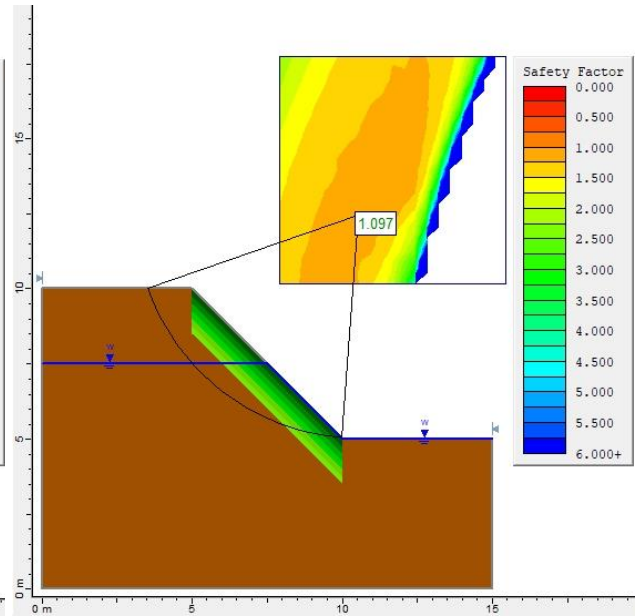
Modelo 13:

(Modelación 1, P1,  $\beta=45^\circ$ , Sin NF)



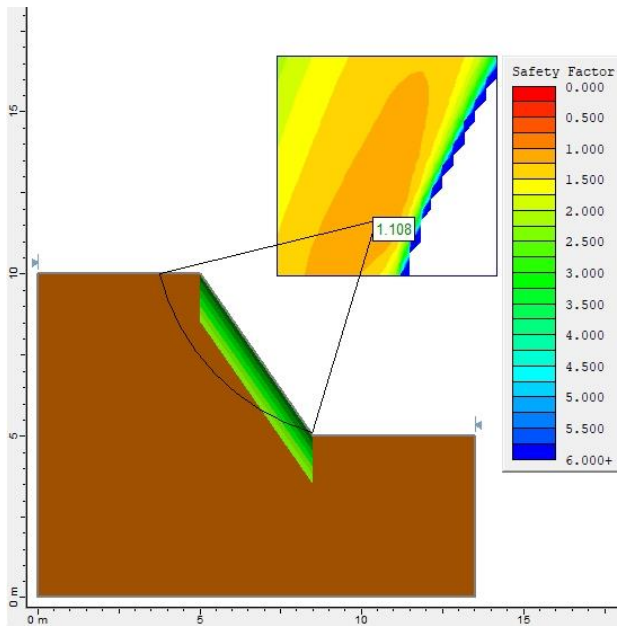
Modelo 14:

(Modelación 1, P1,  $\beta=45^\circ$ , Con NF)



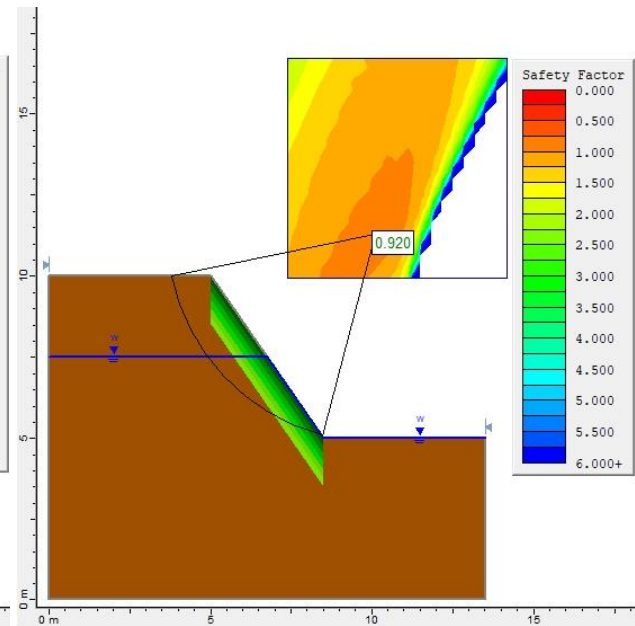
Modelo 15:

(Modelación 1, P1,  $\beta=55^\circ$ , Sin NF)



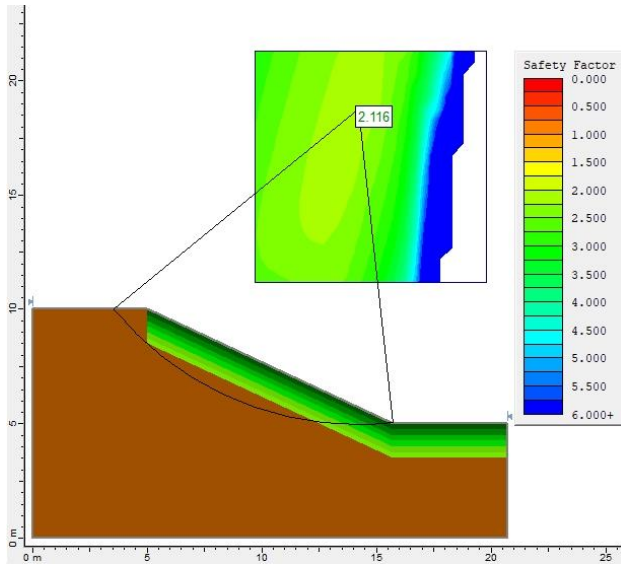
Modelo 16:

(Modelación 1, P1,  $\beta=55^\circ$ , Con NF)



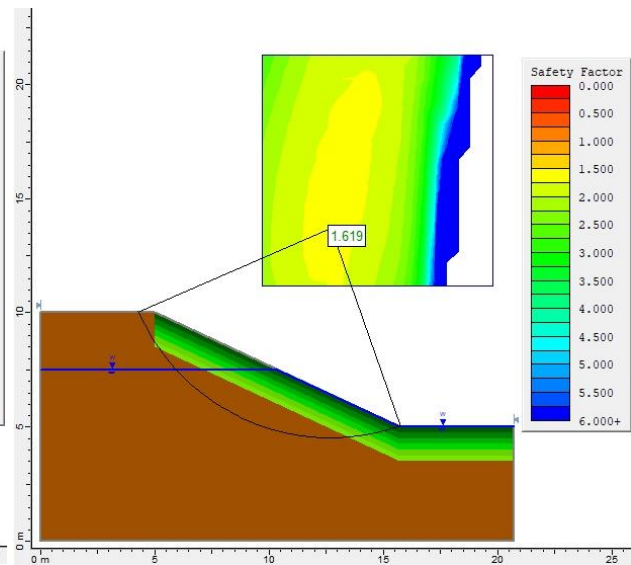
Modelo 17:

(Modelación 1, P2,  $\beta=25^\circ$ , Sin NF)



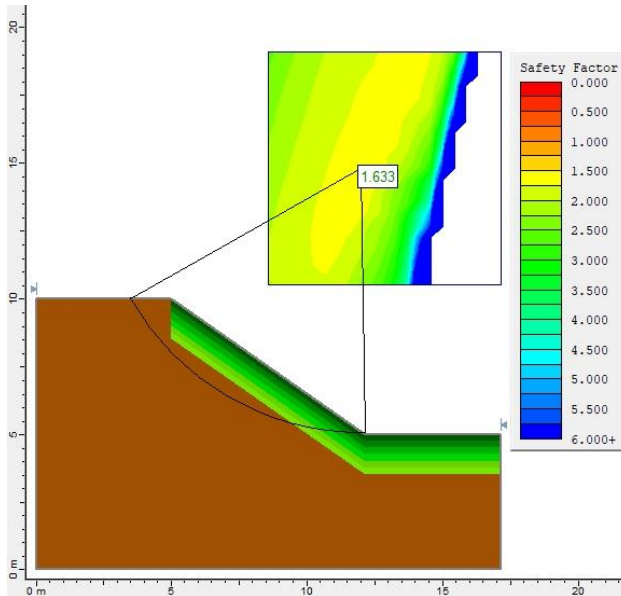
Modelo 18:

(Modelación 1, P2,  $\beta=25^\circ$ , Con NF)



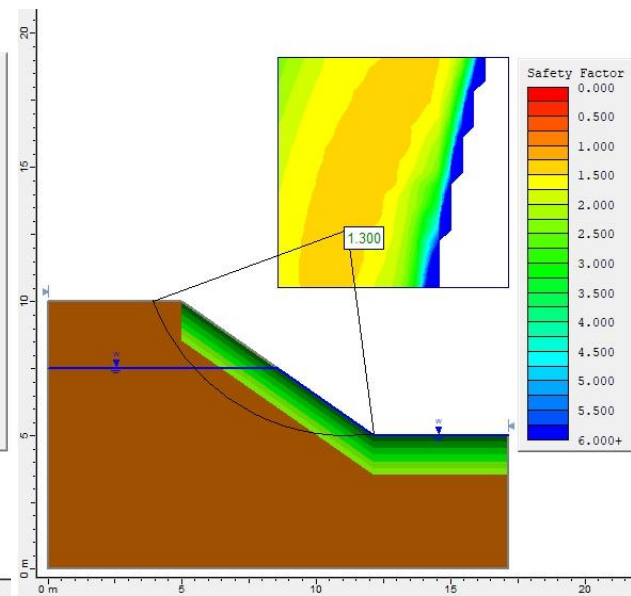
Modelo 19:

(Modelación 1, P2,  $\beta=35^\circ$ , Sin NF)



Modelo 20:

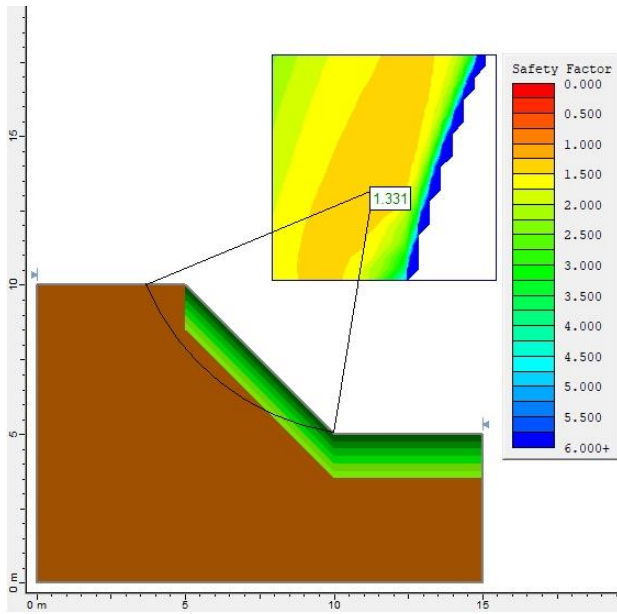
(Modelación 1, P2,  $\beta=35^\circ$ , Con NF)





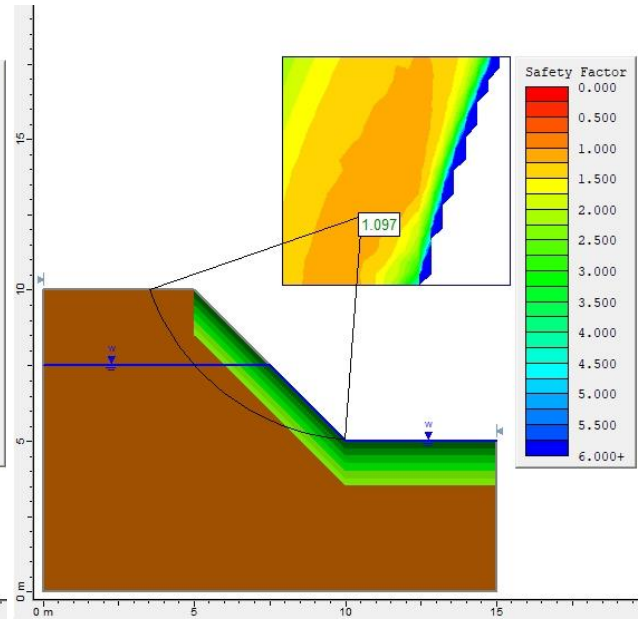
Modelo 21:

(Modelación 1, P2,  $\beta=45^\circ$ , Sin NF)



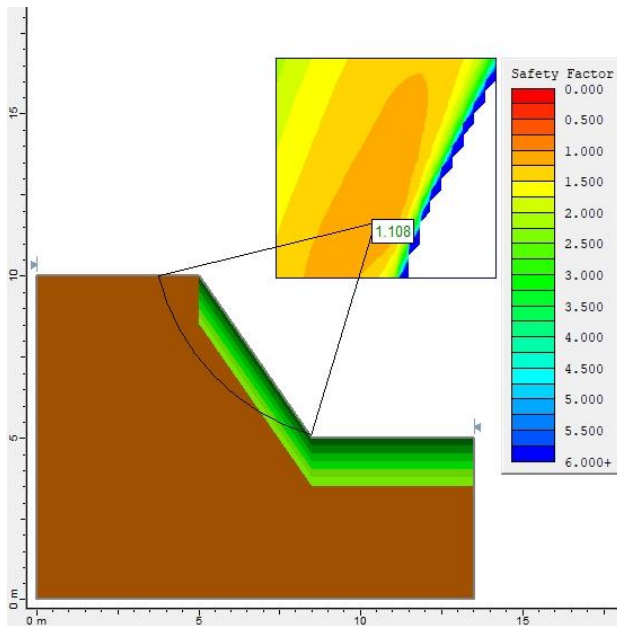
Modelo 22:

(Modelación 1, P2,  $\beta=45^\circ$ , Con NF)



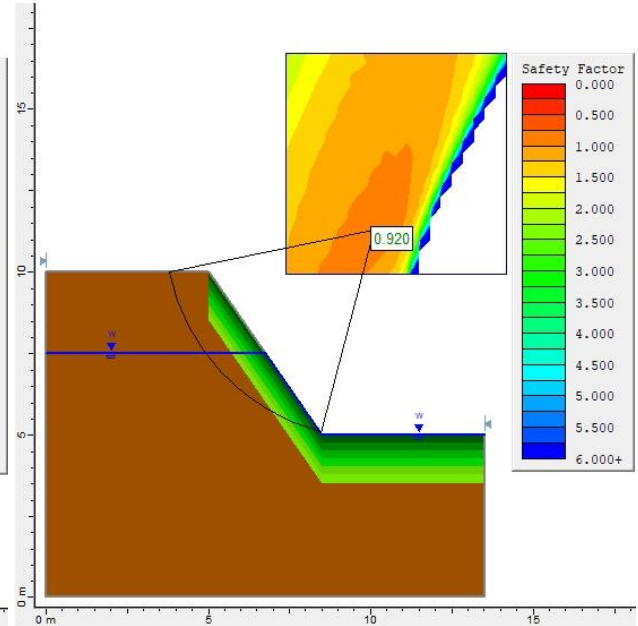
Modelo 23:

(Modelación 1, P2,  $\beta=55^\circ$ , Sin NF)



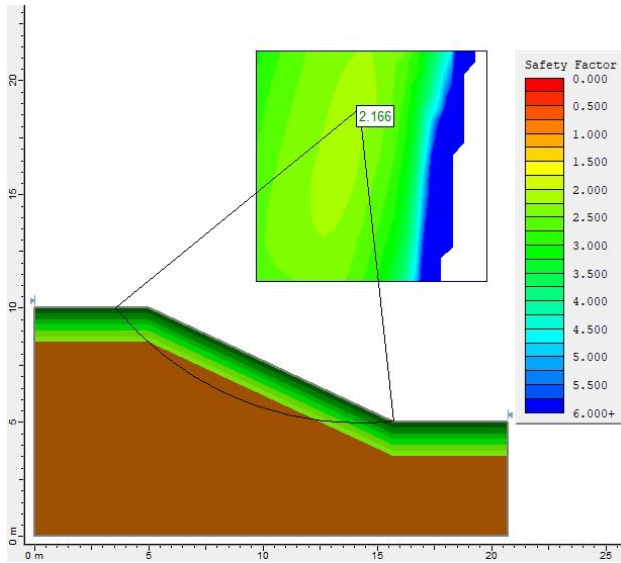
Modelo 24:

(Modelación 1, P2,  $\beta=55^\circ$ , Con NF)



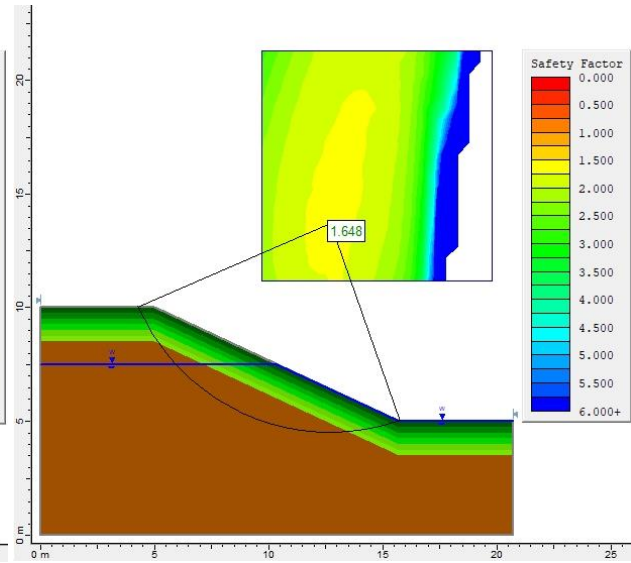
Modelo 25:

(Modelación 1, P3,  $\beta=25^\circ$ , Sin NF)



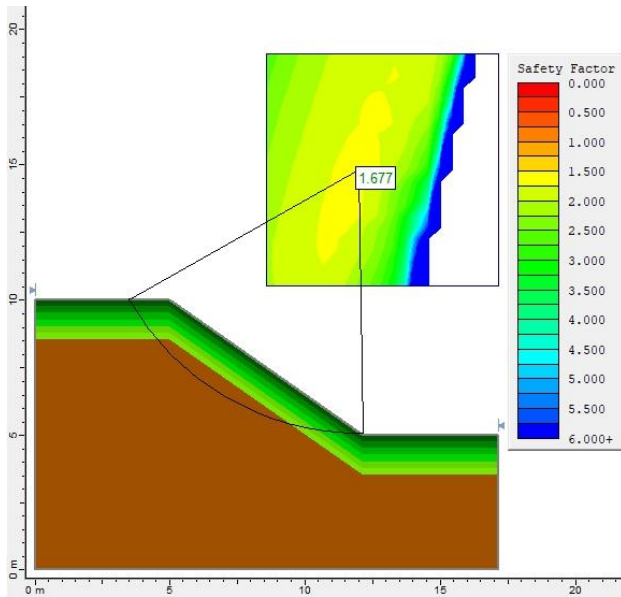
Modelo 26:

(Modelación 1, P3,  $\beta=25^\circ$ , Con NF)



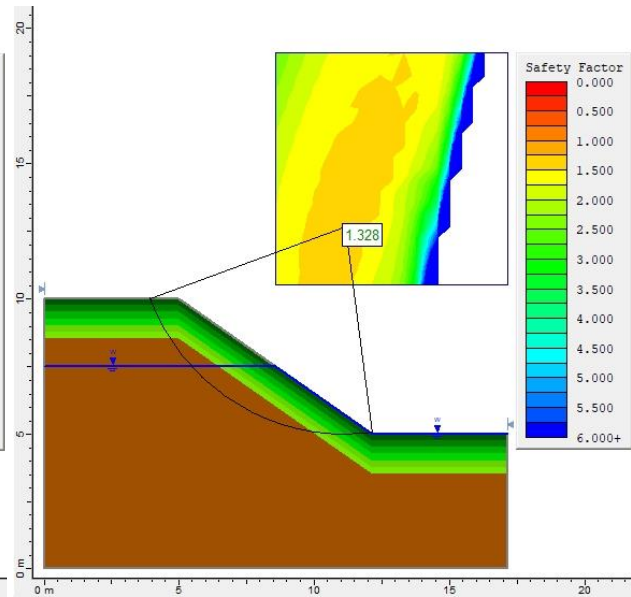
Modelo 27:

(Modelación 1, P3,  $\beta=35^\circ$ , Sin NF)



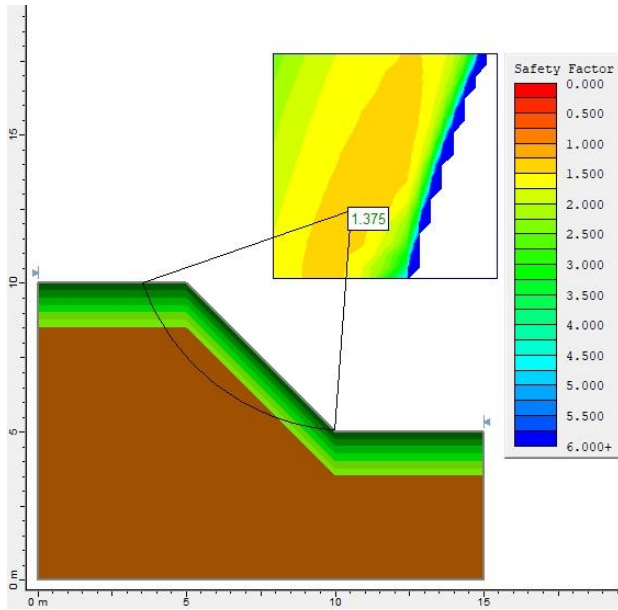
Modelo 28:

(Modelación 1, P3,  $\beta=35^\circ$ , Con NF)



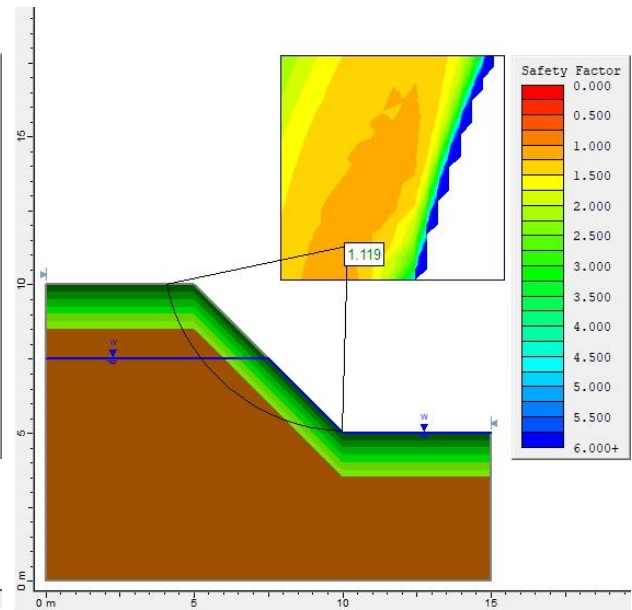
Modelo 29:

(Modelación 1, P3,  $\beta=45^\circ$ , Sin NF)



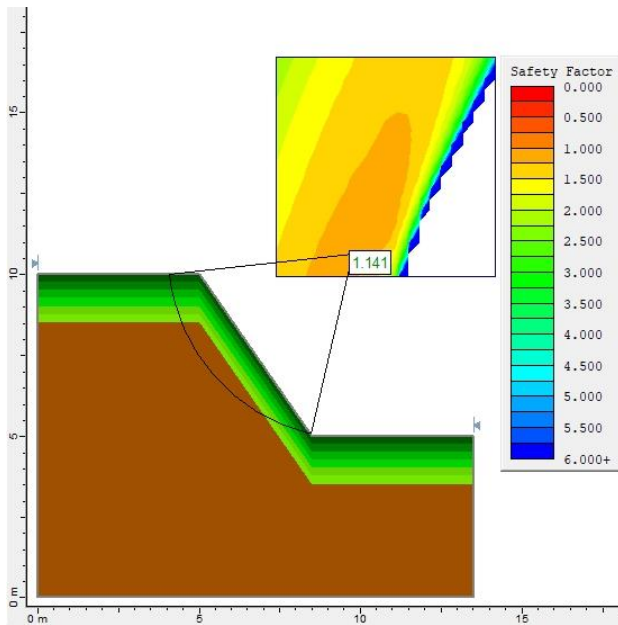
Modelo 30:

(Modelación 1, P3,  $\beta=45^\circ$ , Con NF)



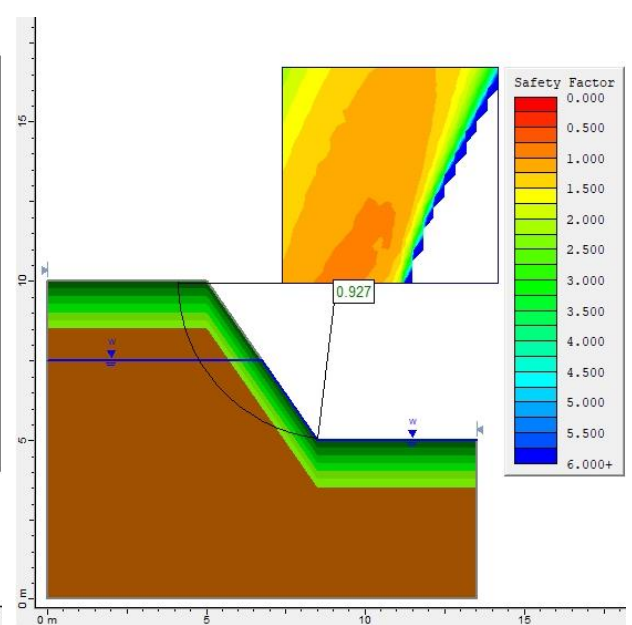
Modelo 31:

(Modelación 1, P3,  $\beta=55^\circ$ , Sin NF)



Modelo 32:

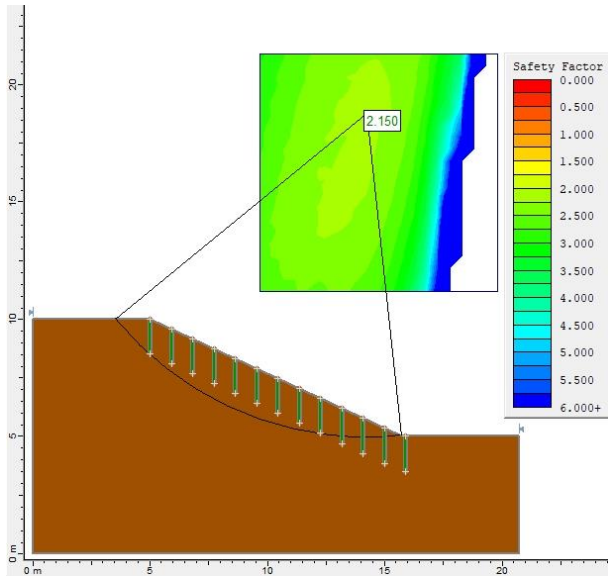
(Modelación 1, P3,  $\beta=55^\circ$ , Con NF)





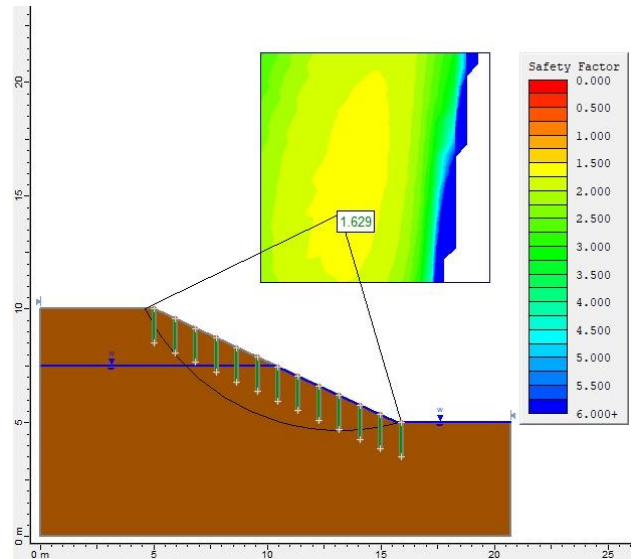
Modelo 33:

(Modelación 2, P1,  $\beta=25^\circ$ , Sin NF)



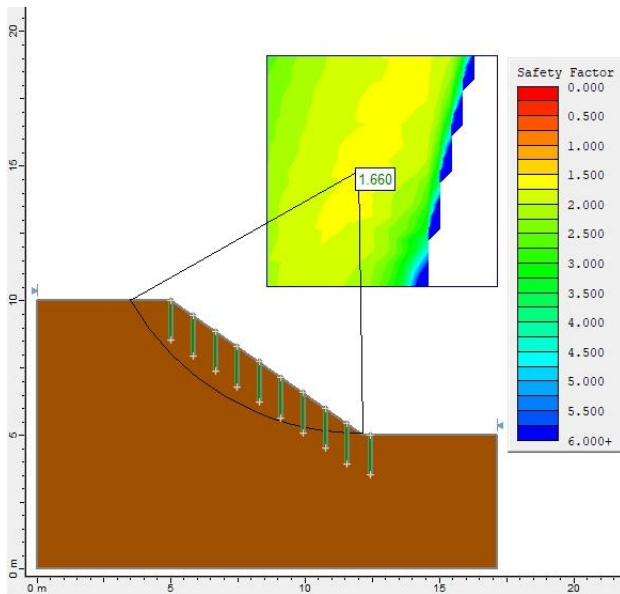
Modelo 34:

(Modelación 2, P1,  $\beta=25^\circ$ , Con NF)



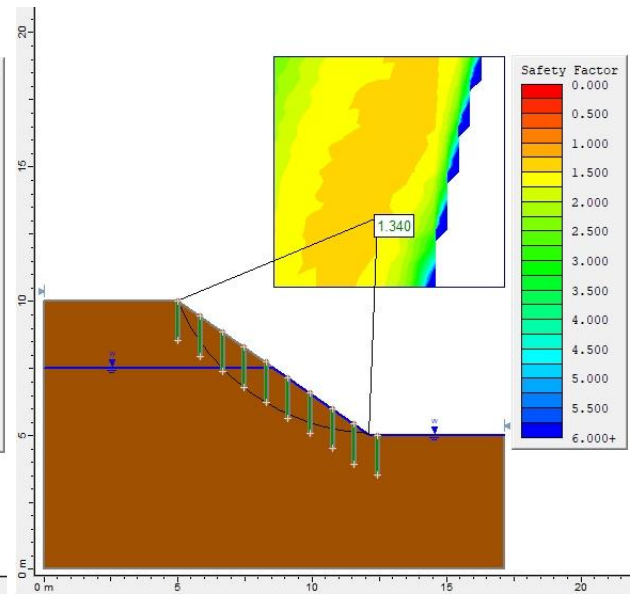
Modelo 35:

(Modelación 2, P1,  $\beta=35^\circ$ , Sin NF)



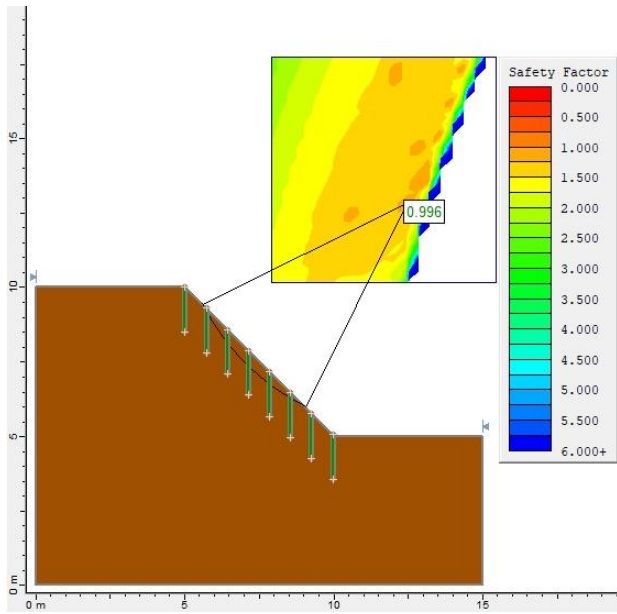
Modelo 36:

(Modelación 2, P1,  $\beta=35^\circ$ , Con NF)



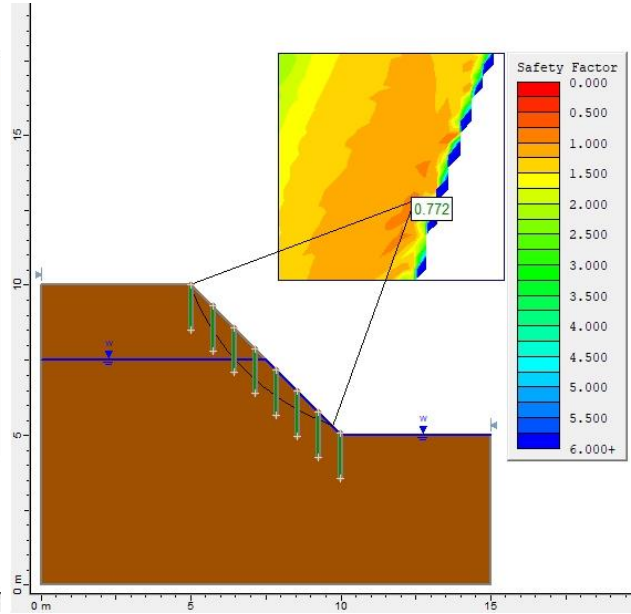
Modelo 37:

(Modelación 2, P1,  $\beta=45^\circ$ , Sin NF)



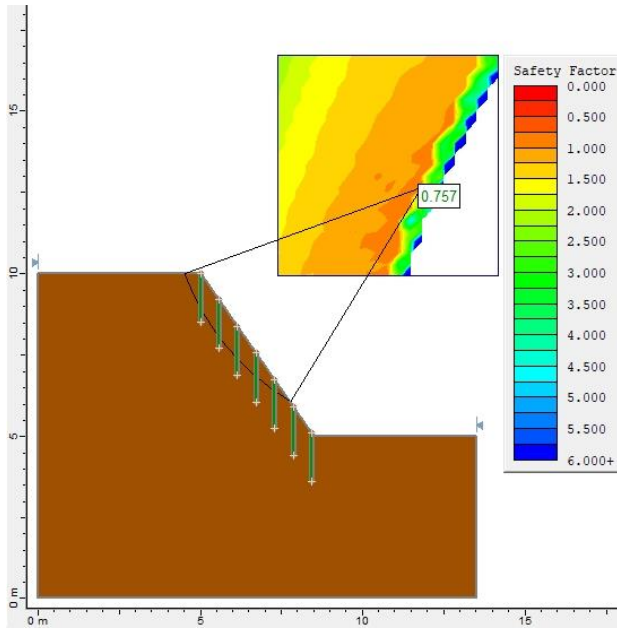
Modelo 38:

(Modelación 2, P1,  $\beta=45^\circ$ , Con NF)



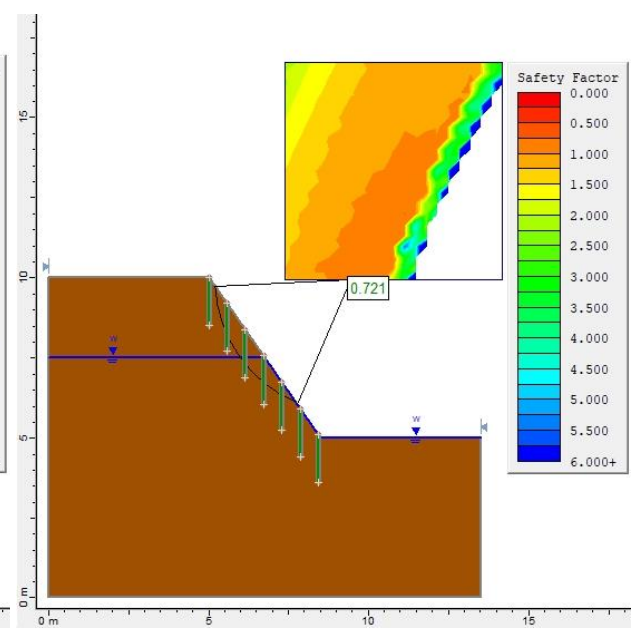
Modelo 39:

(Modelación 2, P1,  $\beta=55^\circ$ , Sin NF)



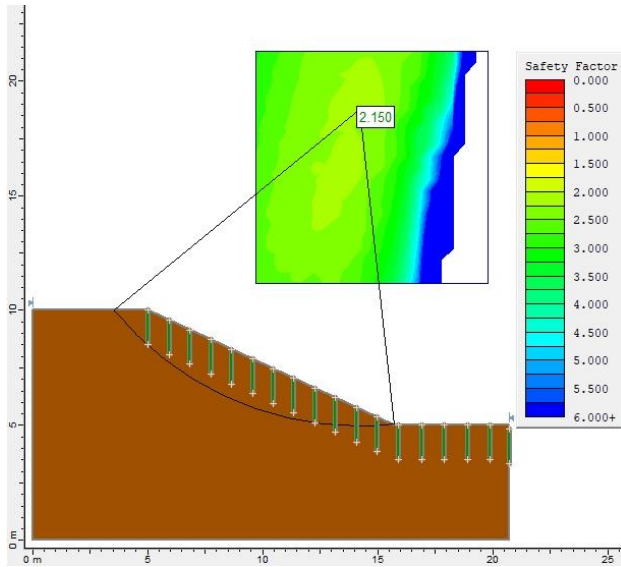
Modelo 40:

(Modelación 2, P1,  $\beta=55^\circ$ , Con NF)



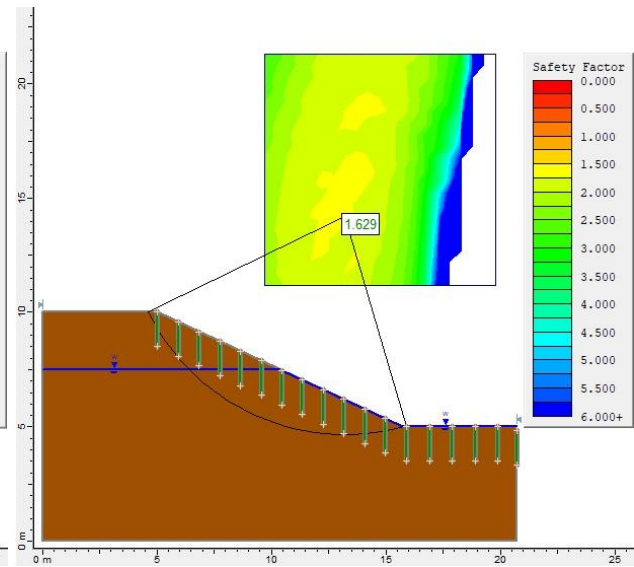
Modelo 41:

(Modelación 2, P2,  $\beta=25^\circ$ , Sin NF)



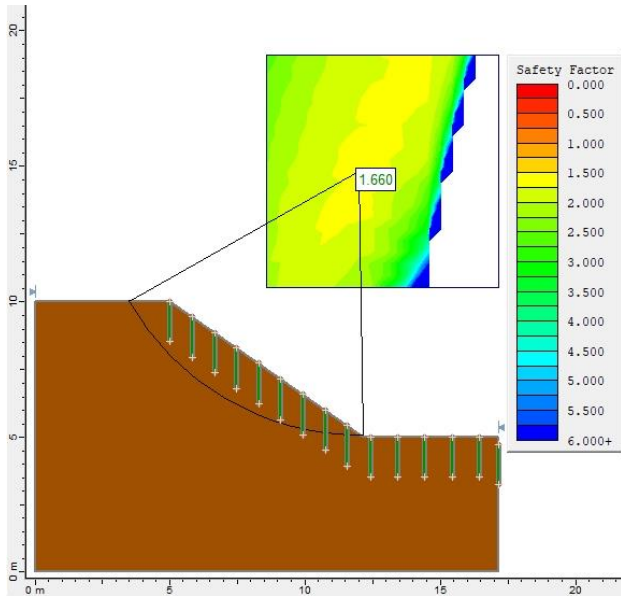
Modelo 42:

(Modelación 2, P2,  $\beta=25^\circ$ , Con NF)



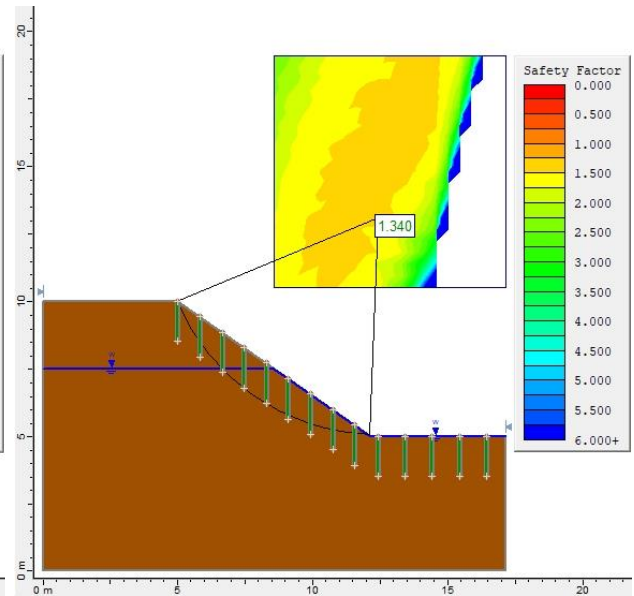
Modelo 43:

(Modelación 2, P2,  $\beta=35^\circ$ , Sin NF)



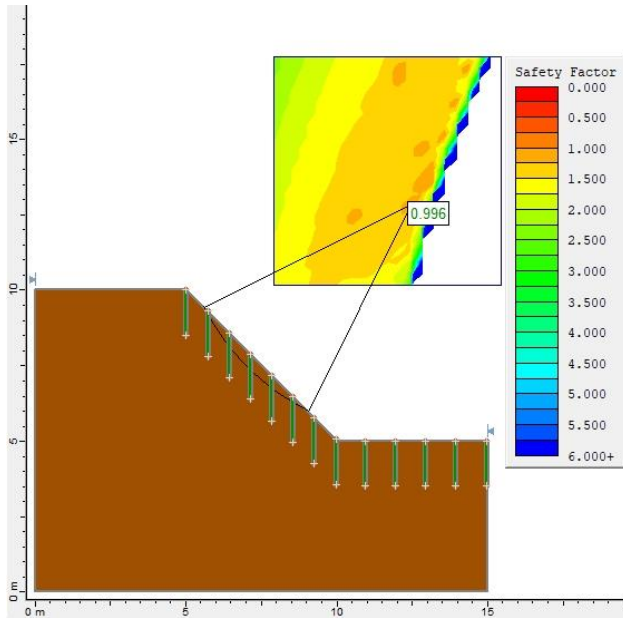
Modelo 44:

(Modelación 2, P2,  $\beta=35^\circ$ , Con NF)



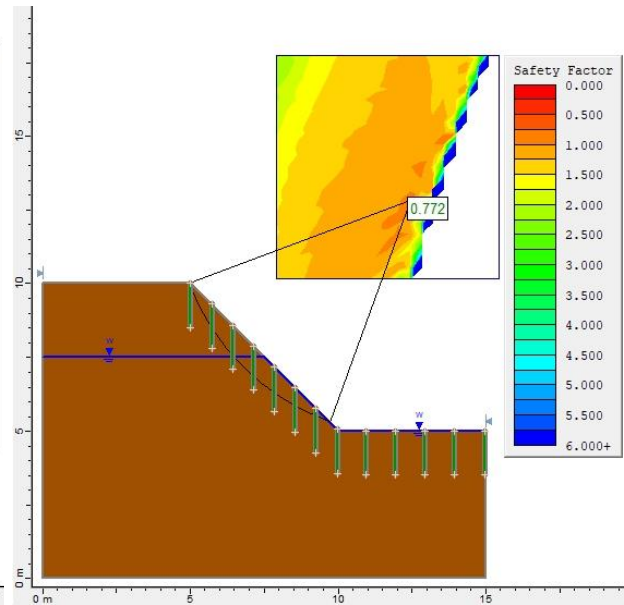
Modelo 45:

(Modelación 2, P2,  $\beta=45^\circ$ , Sin NF)



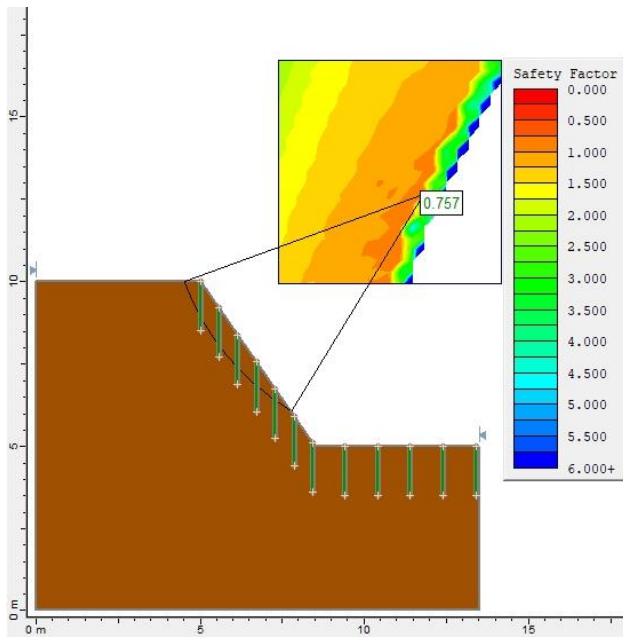
Modelo 46:

(Modelación 2, P2,  $\beta=45^\circ$ , Con NF)



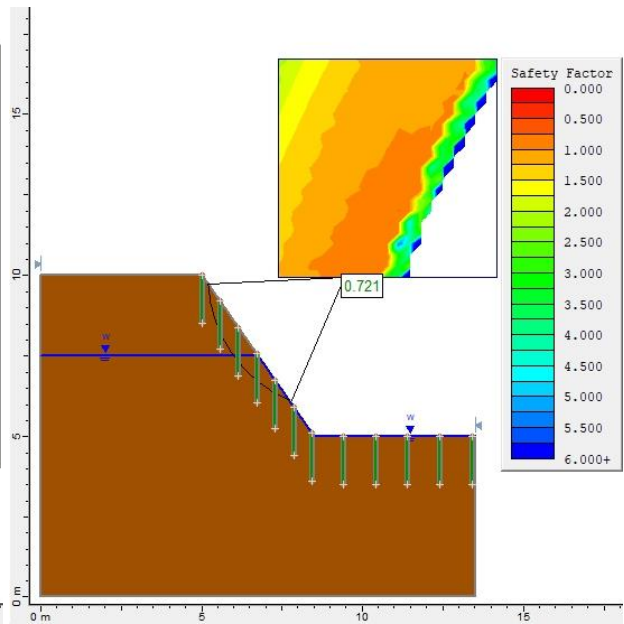
Modelo 47:

(Modelación 2, P2,  $\beta=55^\circ$ , Sin NF)



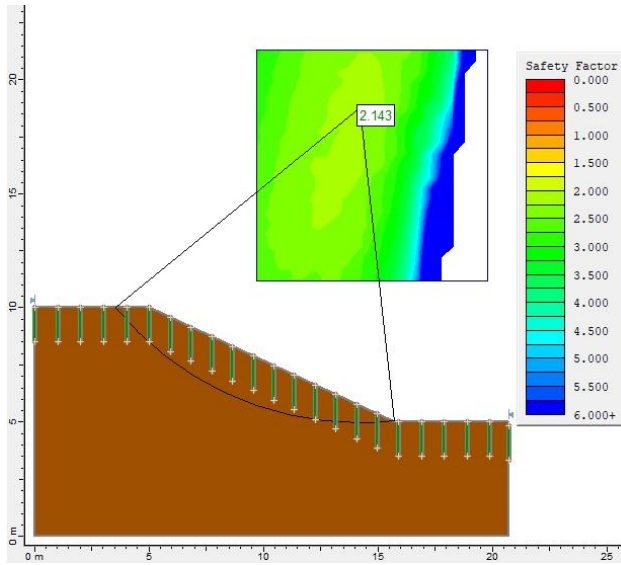
Modelo 48:

(Modelación 2, P2,  $\beta=55^\circ$ , Con NF)



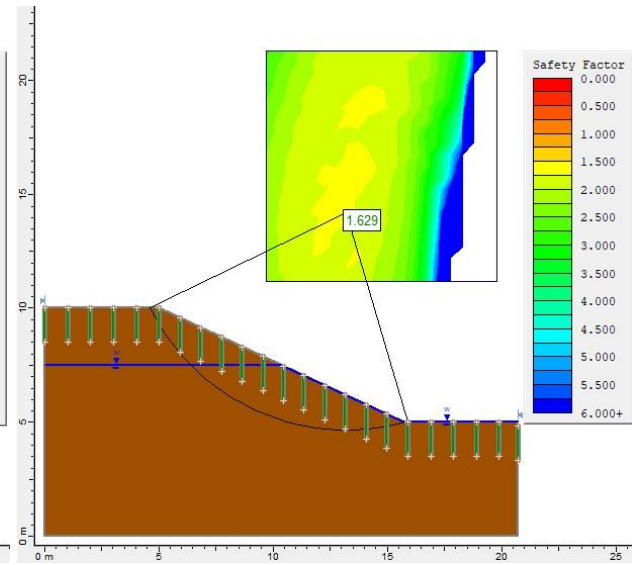
Modelo 49:

(Modelación 2, P3,  $\beta=25^\circ$ , Sin NF)



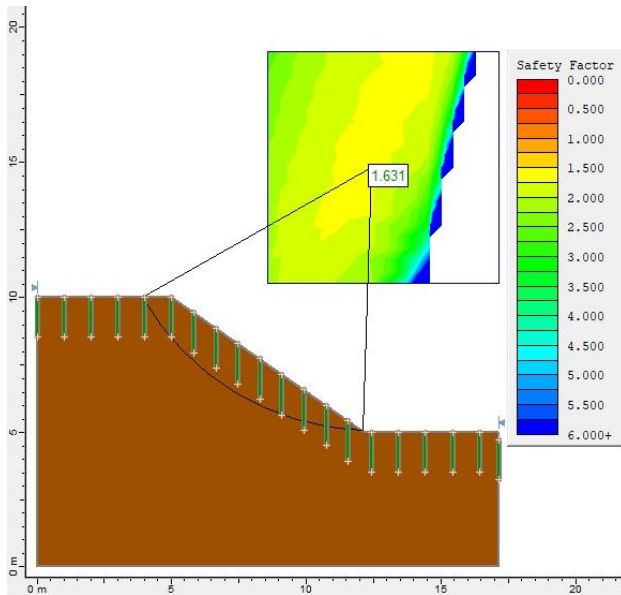
Modelo 50:

(Modelación 2, P3,  $\beta=25^\circ$ , Con NF)



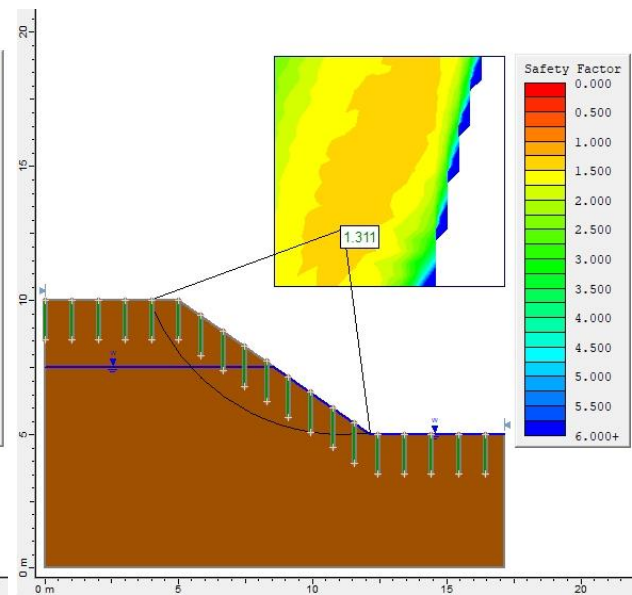
Modelo 51:

(Modelación 2, P3,  $\beta=35^\circ$ , Sin NF)



Modelo 52:

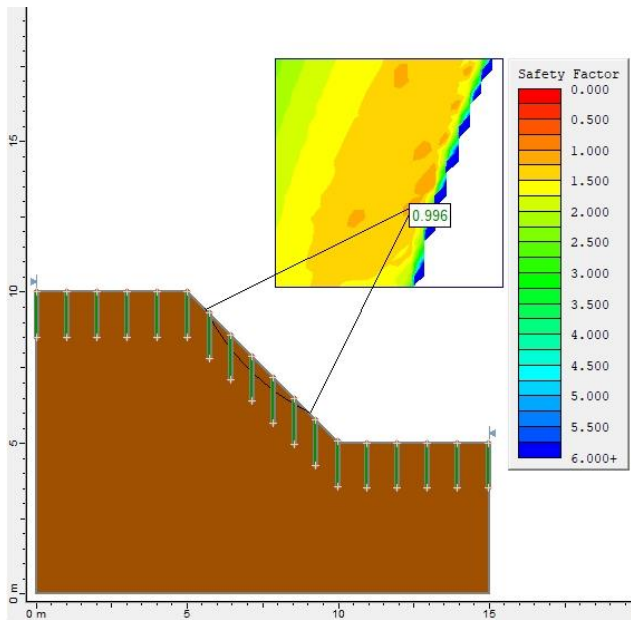
(Modelación 2, P3,  $\beta=35^\circ$ , Con NF)





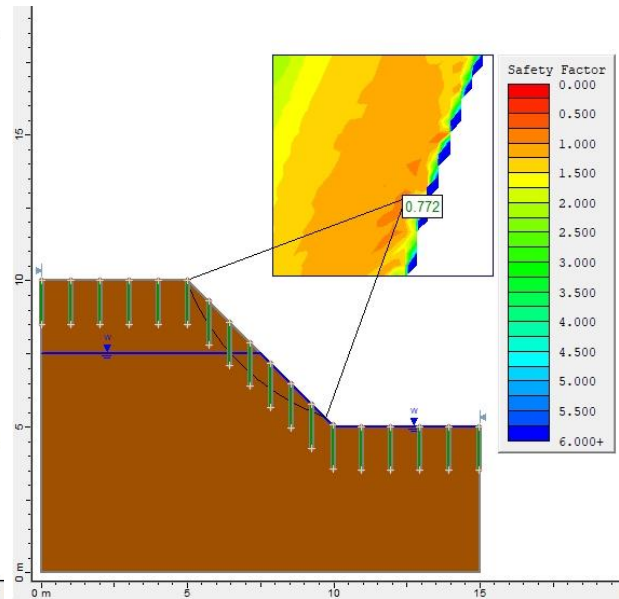
Modelo 53:

(Modelación 2, P3,  $\beta=45^\circ$ , Sin NF)



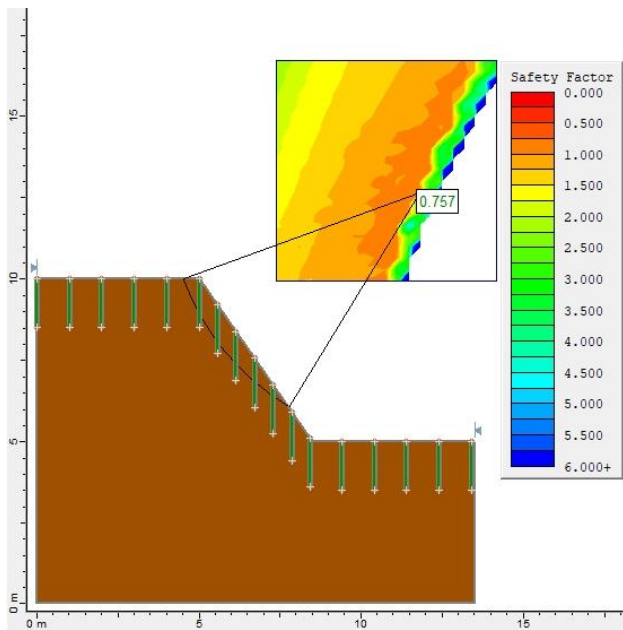
Modelo 54:

(Modelación 2, P3,  $\beta=45^\circ$ , Con NF)



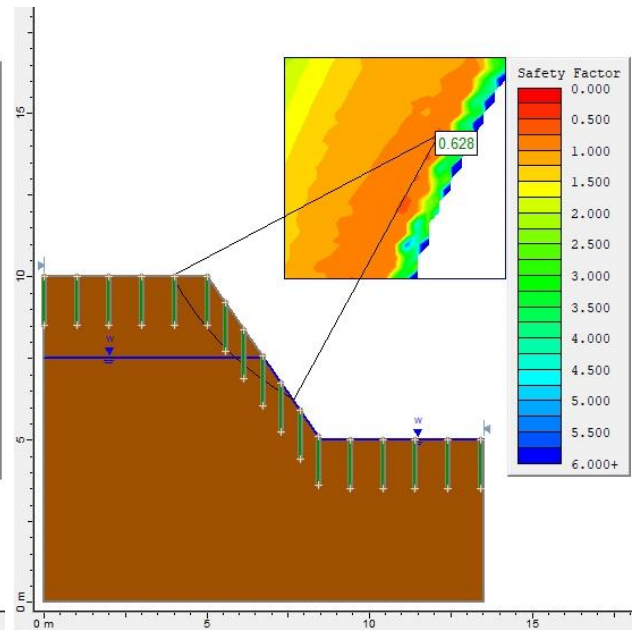
Modelo 55:

(Modelación 2, P3,  $\beta=55^\circ$ , Sin NF)



Modelo 56:

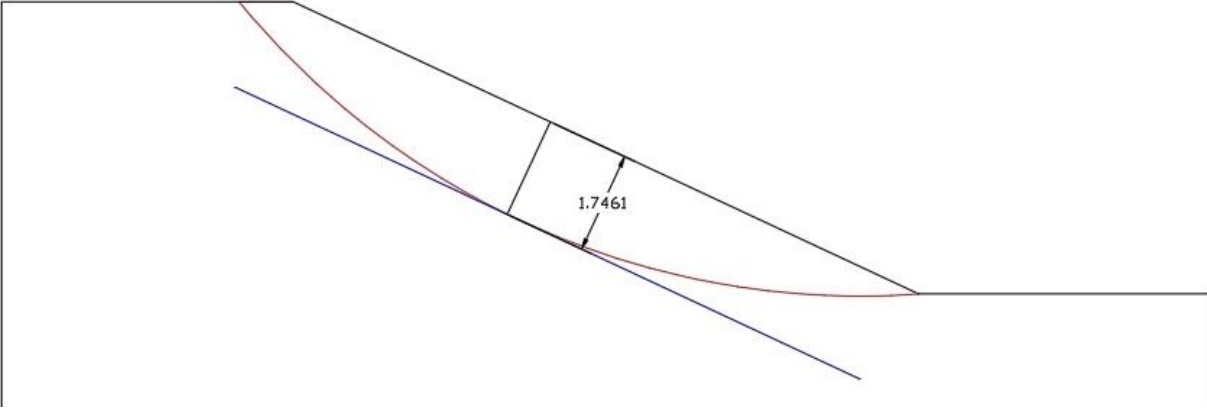
(Modelación 2, P3,  $\beta=55^\circ$ , Con NF)



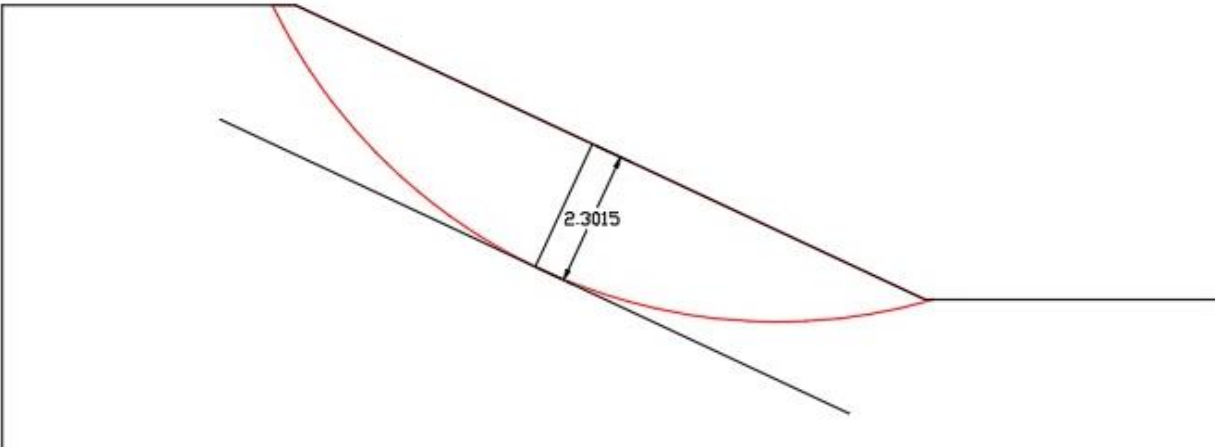
## ANEXO 2.

### Profundidad Superficie de Falla - Modelos Slide

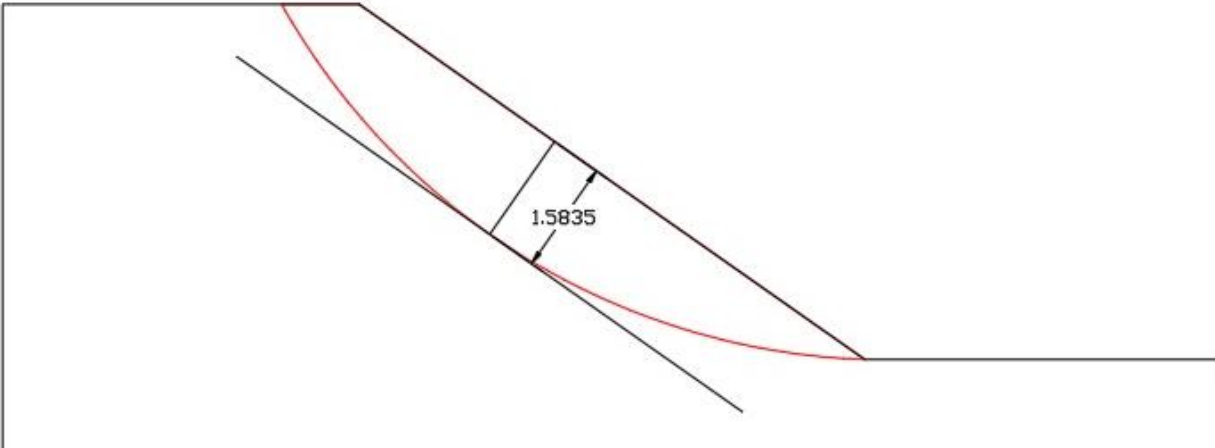
Modelo 1 (SP,  $\beta=25^\circ$ , Sin NF)



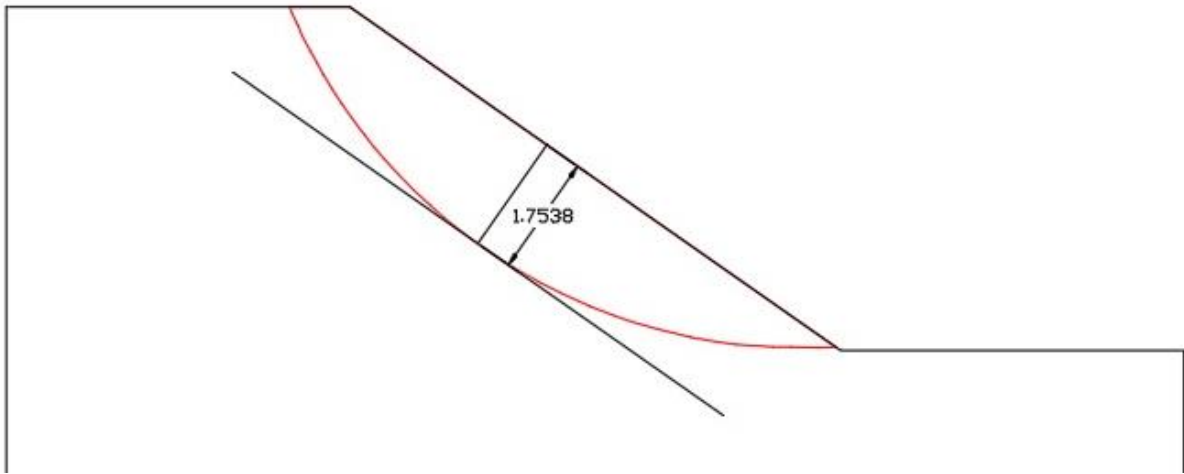
Modelo 2 (SP,  $\beta=25^\circ$ , Con NF)



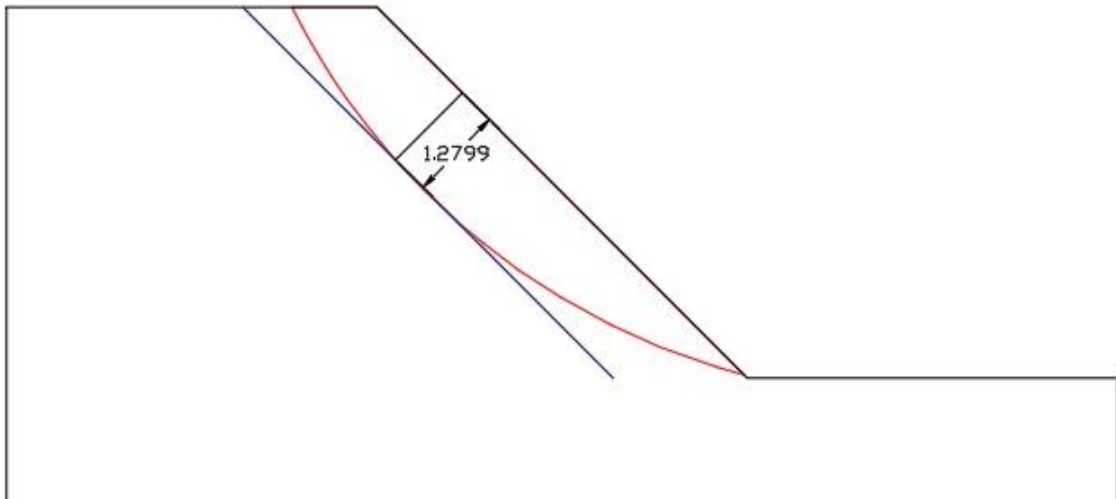
Modelo 3 (SP,  $\beta=35^\circ$ , Sin NF)



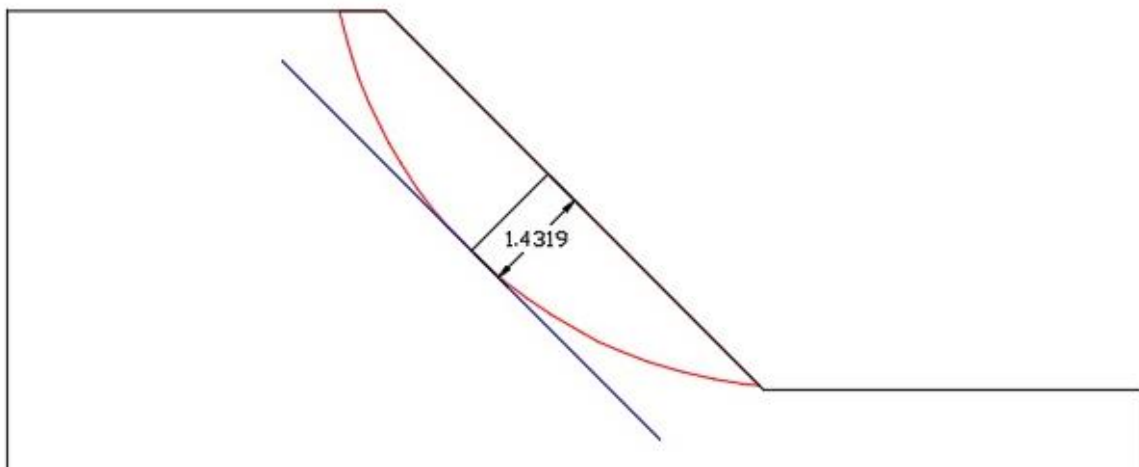
Modelo 4 (SP,  $\beta=35^\circ$ , Con NF)



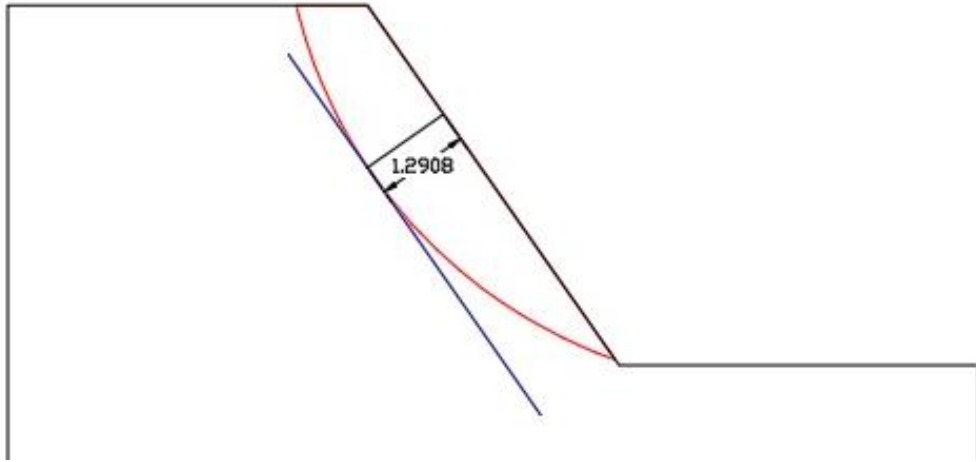
Modelo 5 (SP,  $\beta=45^\circ$ , Sin NF)



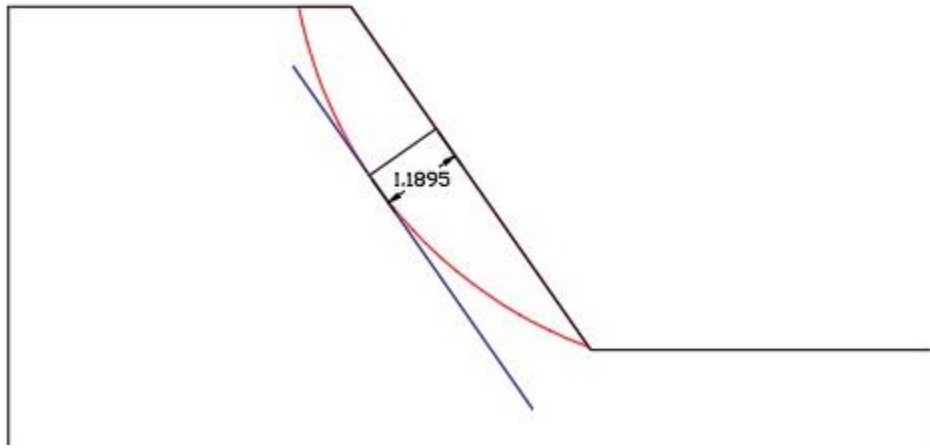
Modelo 6 (SP,  $\beta=45^\circ$ , Con NF)



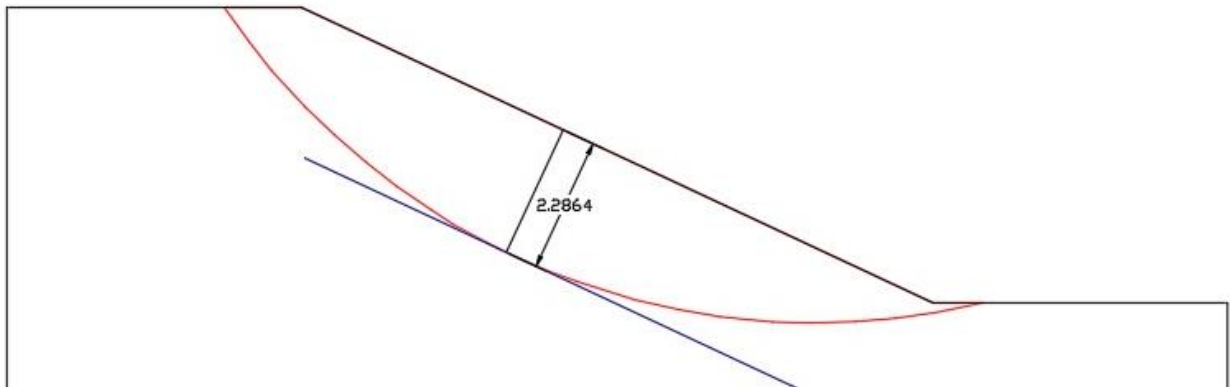
Modelo 7 (SP,  $\beta=55^\circ$ , Sin NF)



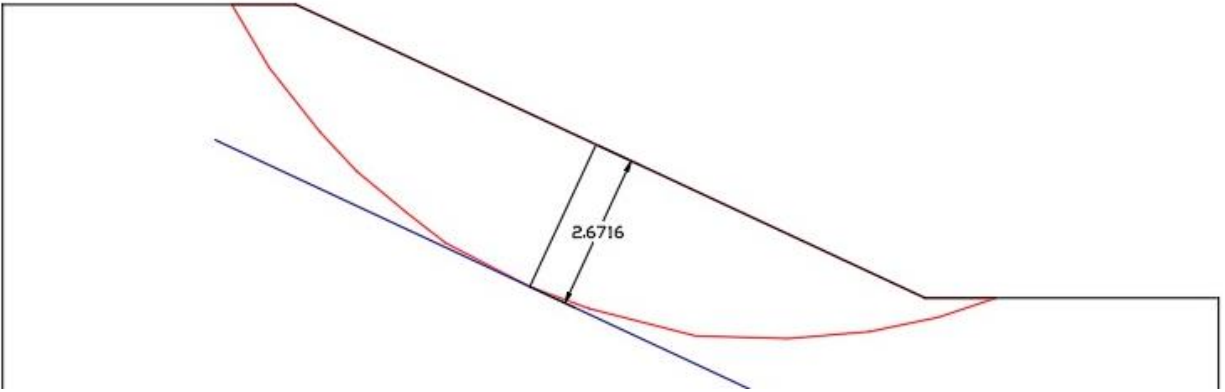
Modelo 8 (SP,  $\beta=55^\circ$ , Con NF)



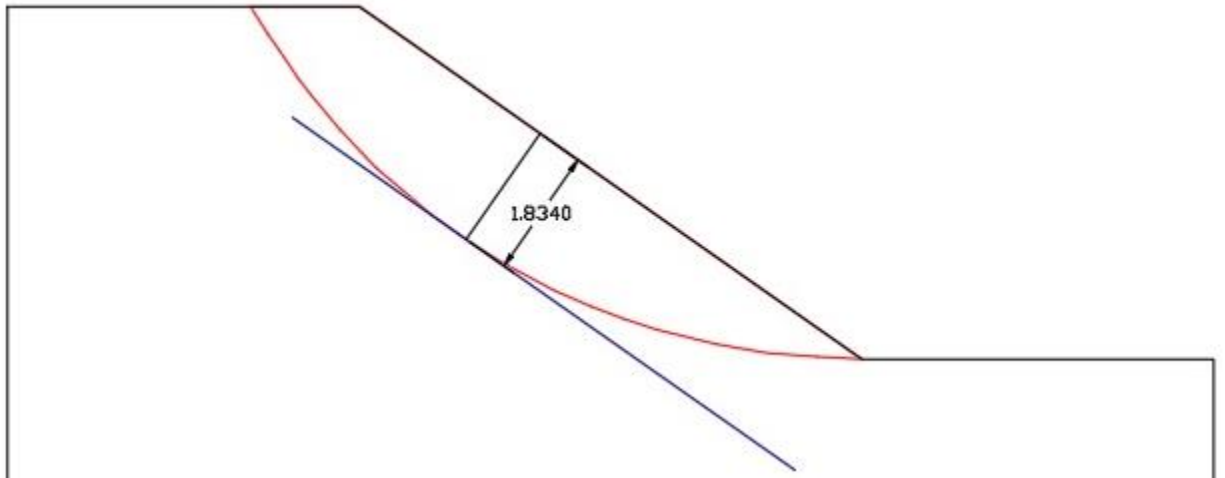
Modelo 9 (Modelación 1, P1,  $\beta=25^\circ$ , Sin NF)



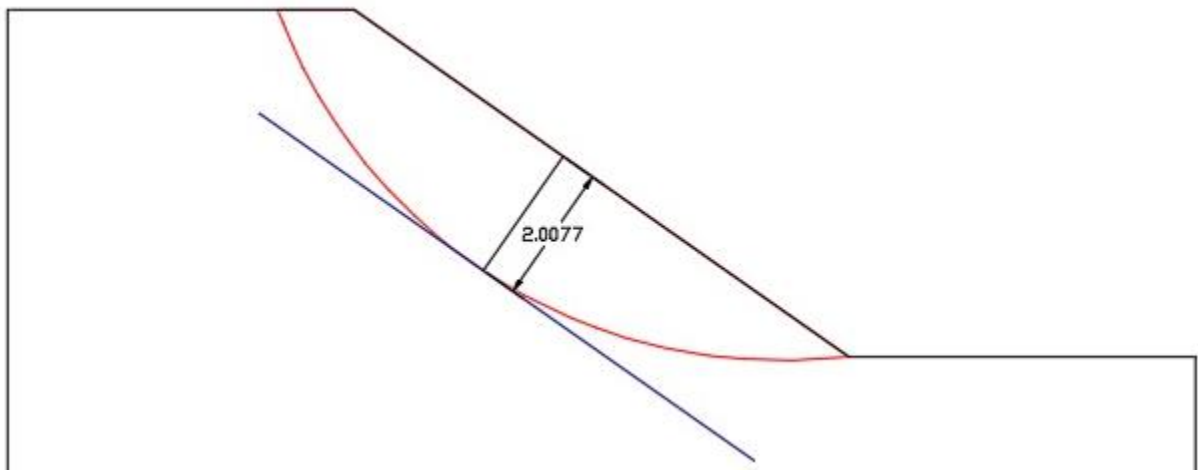
Modelo 10 (Modelación 1, P1,  $\beta=25^\circ$ , Con NF)



Modelo 11 (Modelación 1, P1,  $\beta=35^\circ$ , Sin NF)

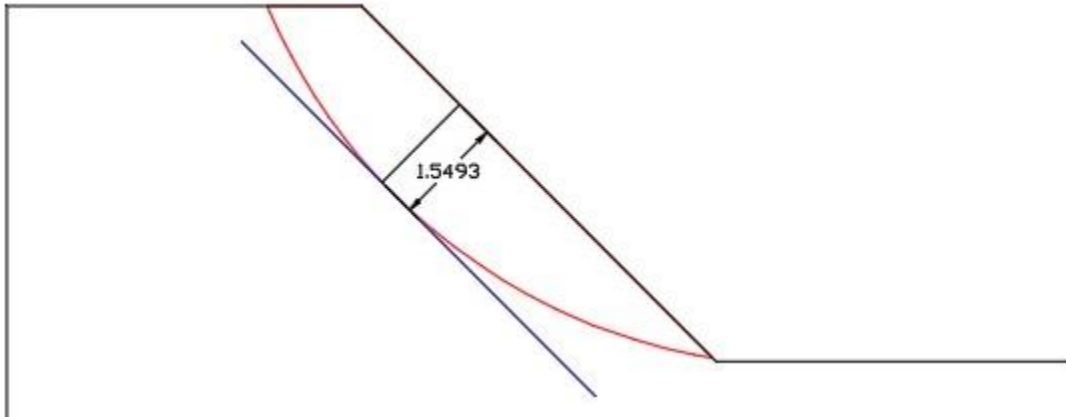


Modelo 12 (Modelación 1, P1,  $\beta=35^\circ$ , Con NF)

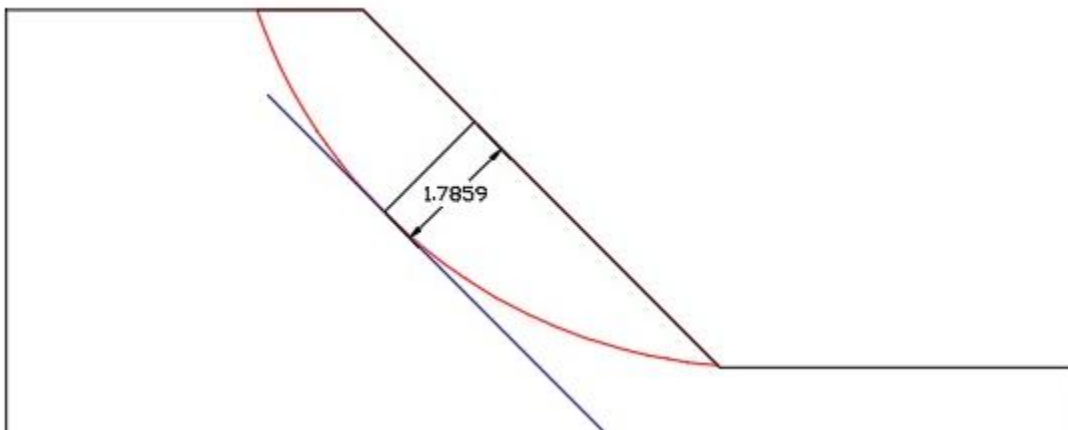




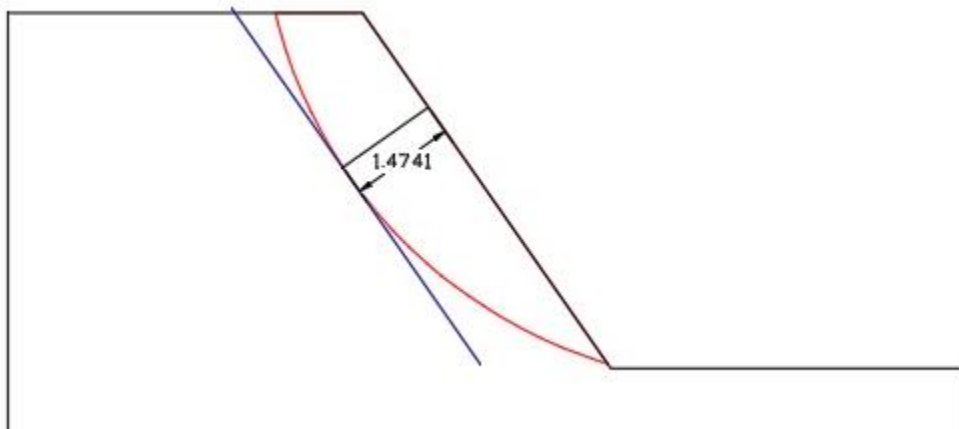
Modelo 13 (Modelación 1, P1,  $\beta=45^\circ$ , Sin NF)



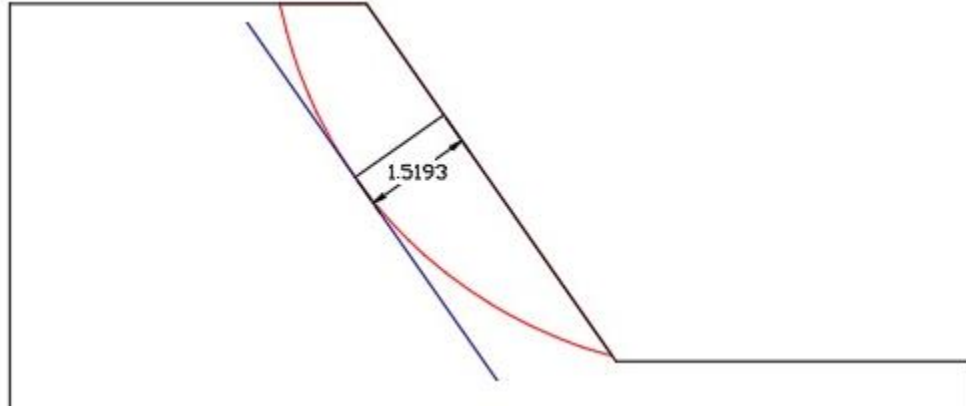
Modelo 14 (Modelación 1, P1,  $\beta=45^\circ$ , Con NF)



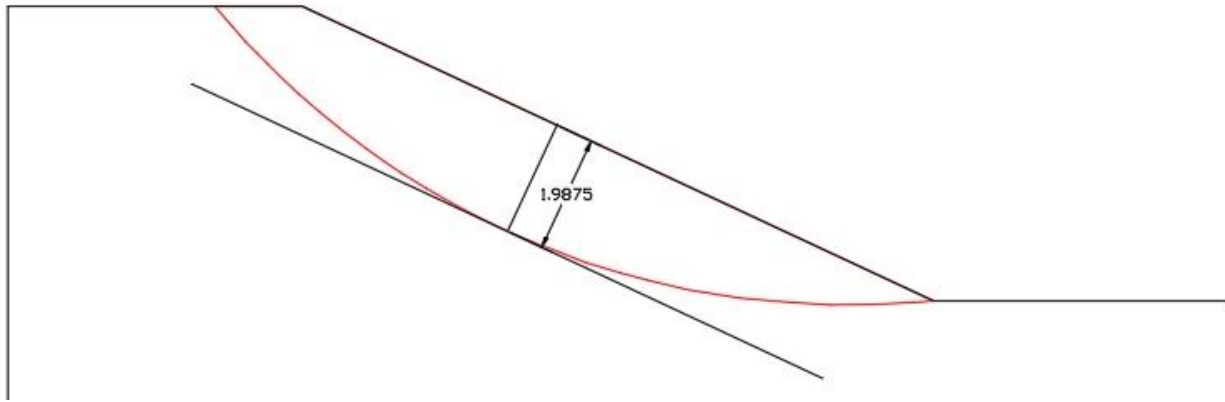
Modelo 15 (Modelación 1, P1,  $\beta=55^\circ$ , Sin NF)



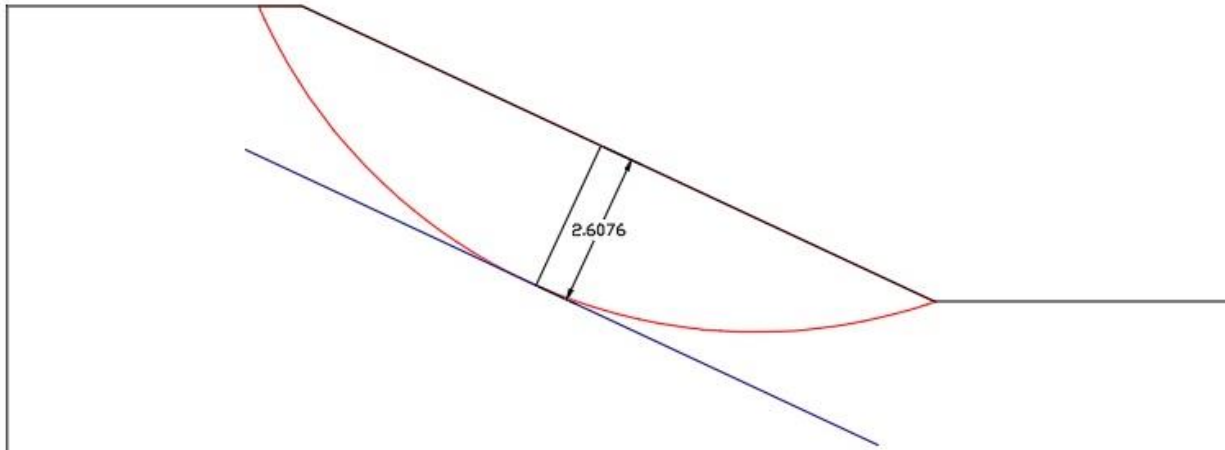
Modelo 16 (Modelación 1, P1,  $\beta=55^\circ$ , Con NF)



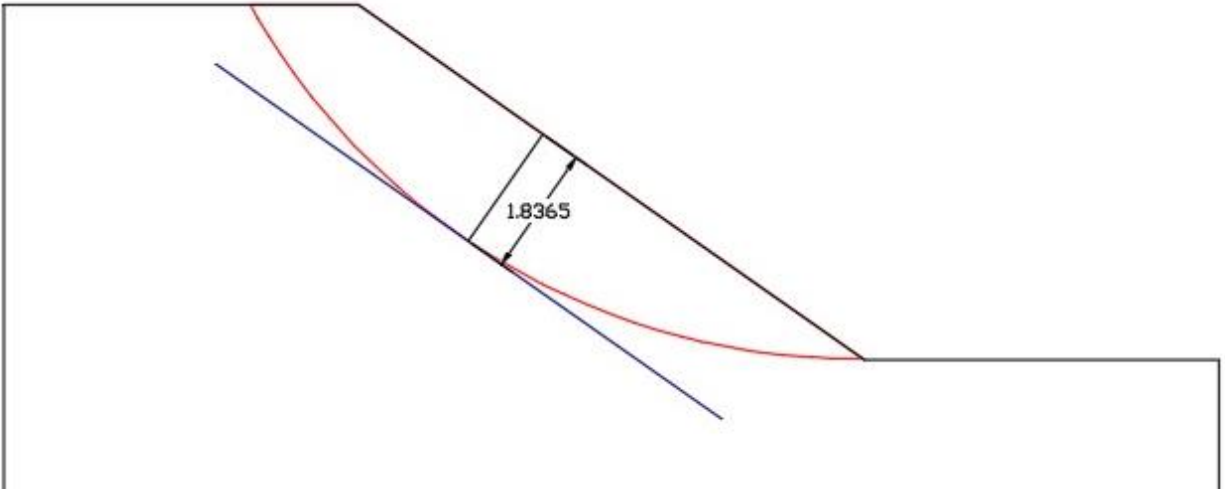
Modelo 17 (Modelación 1, P2,  $\beta=25^\circ$ , Sin NF)



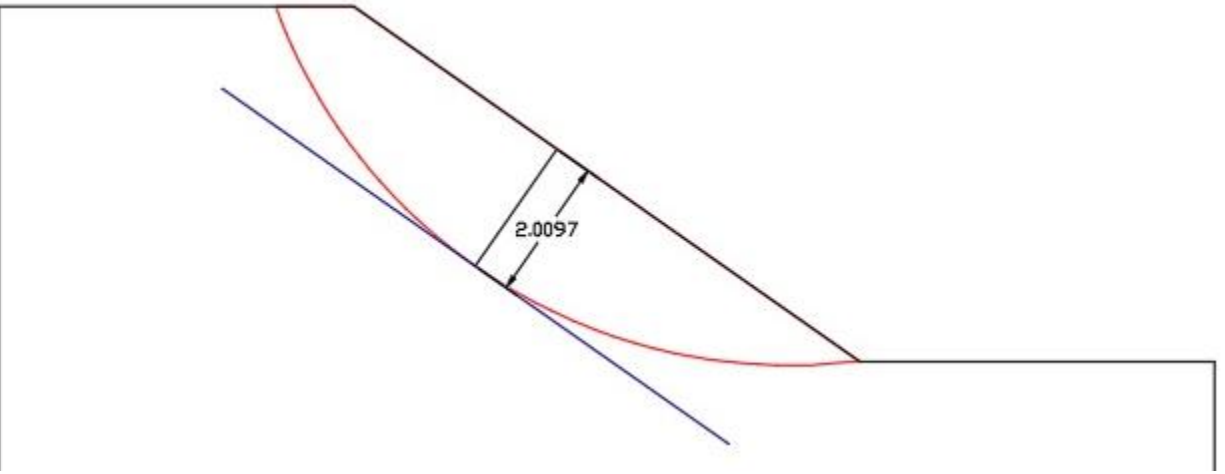
Modelo 18 (Modelación 1, P2,  $\beta=25^\circ$ , Con NF)



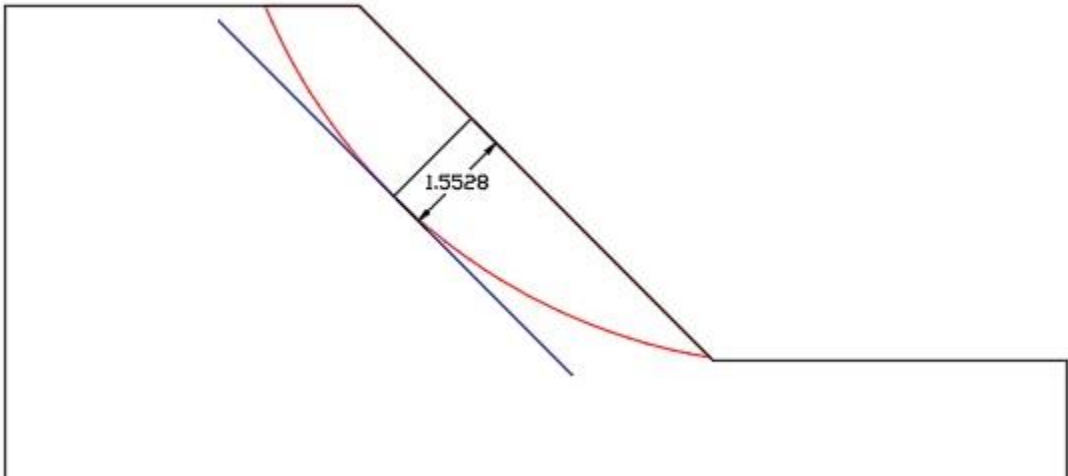
Modelo 19 (Modelación 1, P2,  $\beta=35^\circ$ , Sin NF)



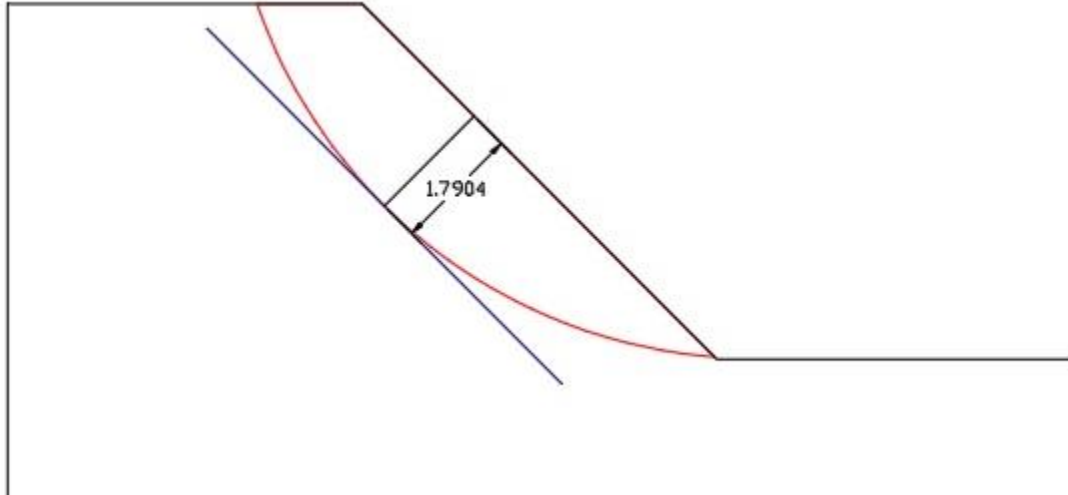
Modelo 20 (Modelación 1, P2,  $\beta=35^\circ$ , Con NF)



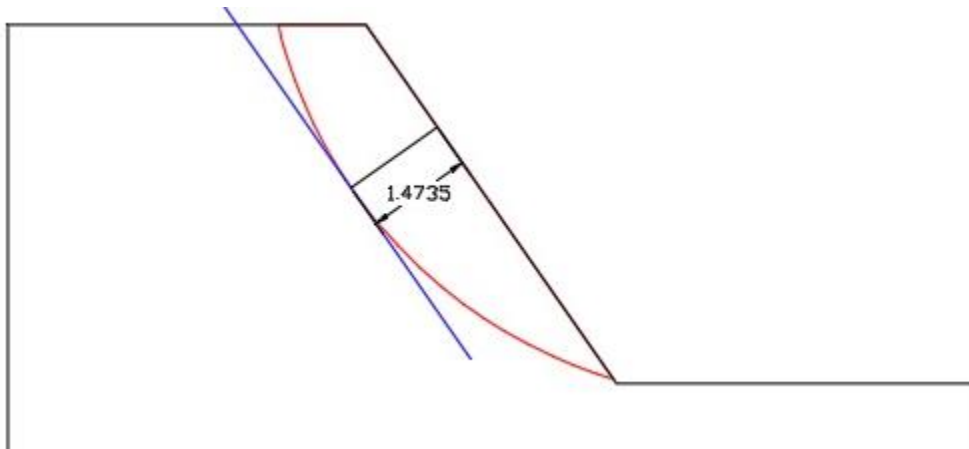
Modelo 21 (Modelación 1, P2,  $\beta=45^\circ$ , Sin NF)



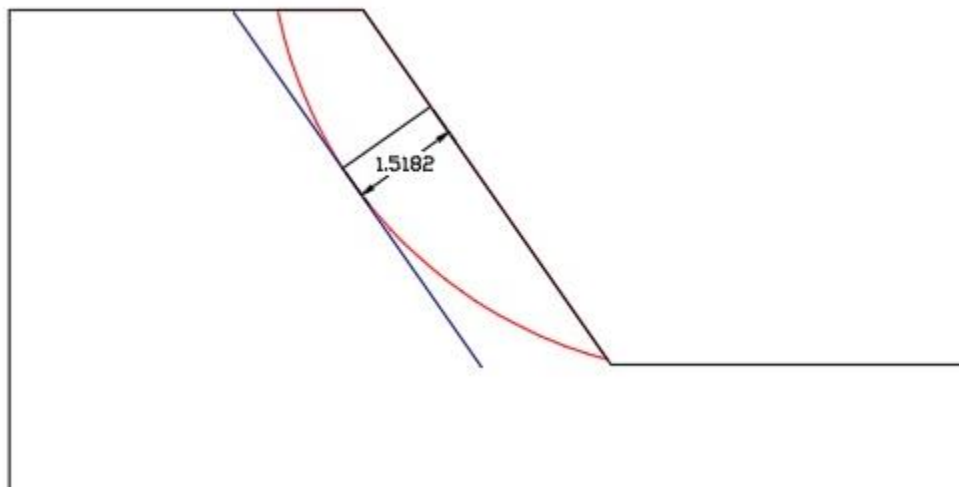
Modelo 22 (Modelación 1, P2,  $\beta=45^\circ$ , Con NF)



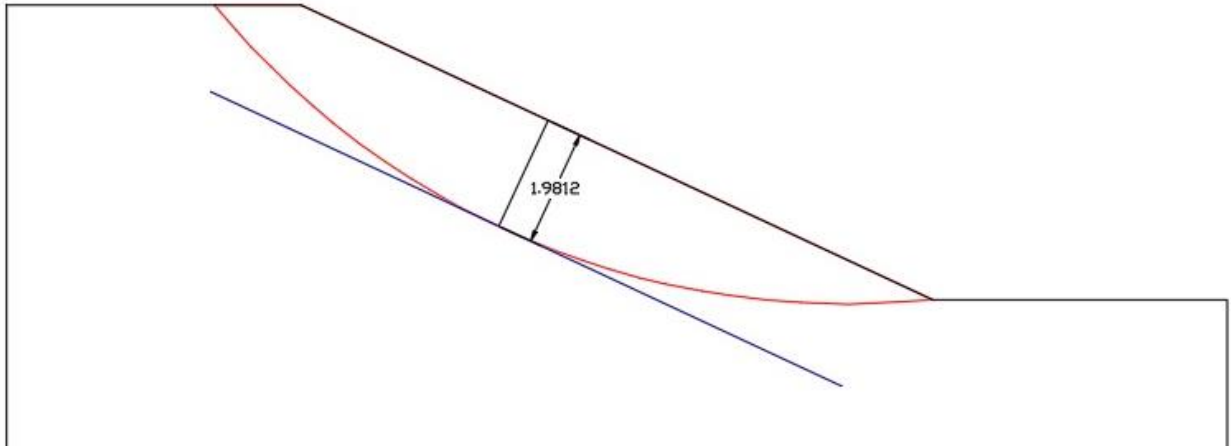
Modelo 23 (Modelación 1, P2,  $\beta=55^\circ$ , Sin NF)



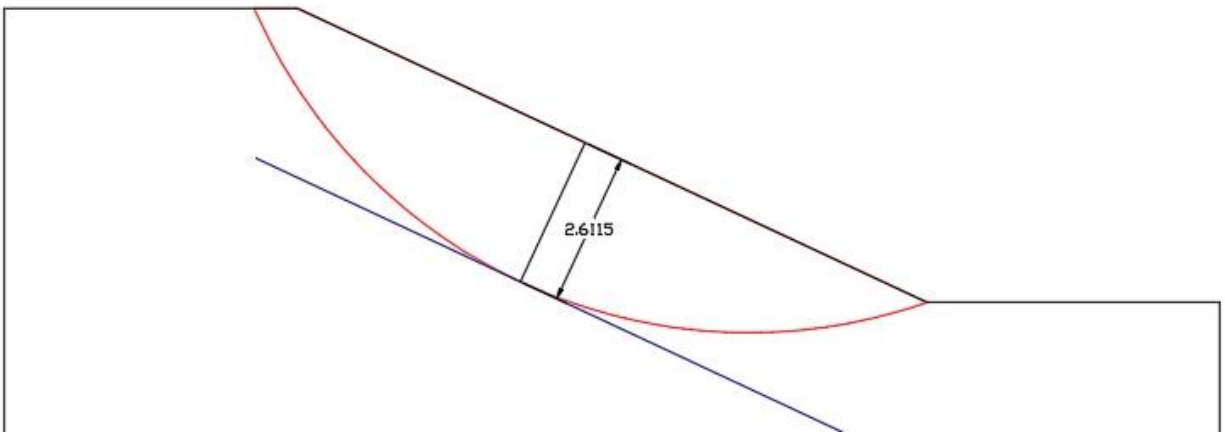
Modelo 24 (Modelación 1, P2,  $\beta=55^\circ$ , Con NF)



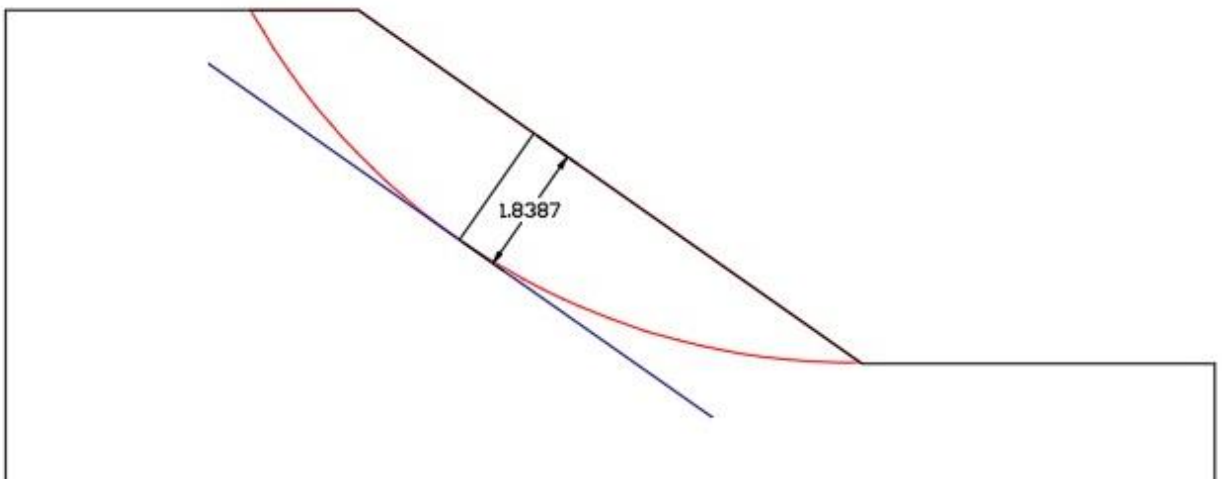
Modelo 25 (Modelación 1, P3,  $\beta=25^\circ$ , Sin NF)



Modelo 26 (Modelación 1, P3,  $\beta=25^\circ$ , Con NF)

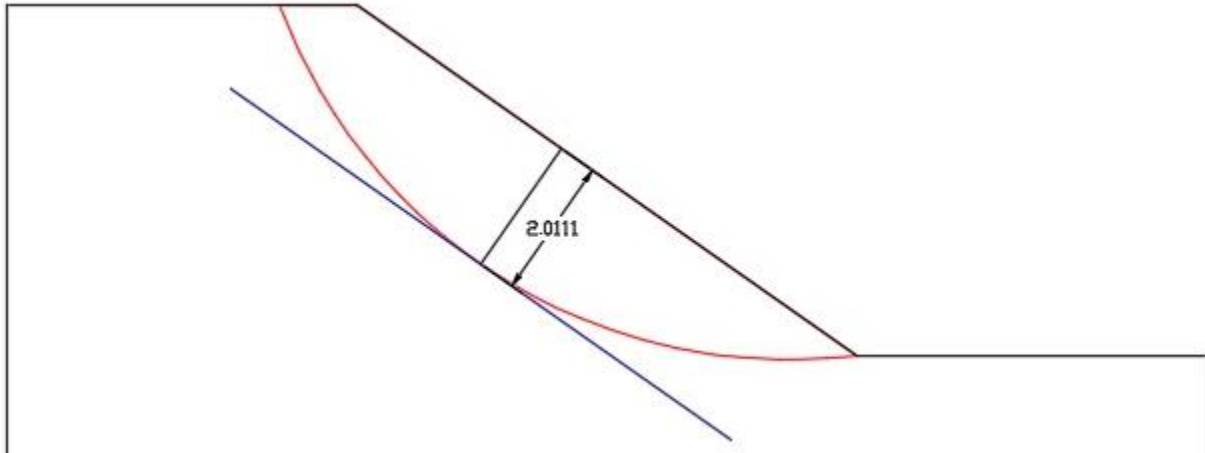


Modelo 27 (Modelación 1, P3,  $\beta=35^\circ$ , Sin NF)

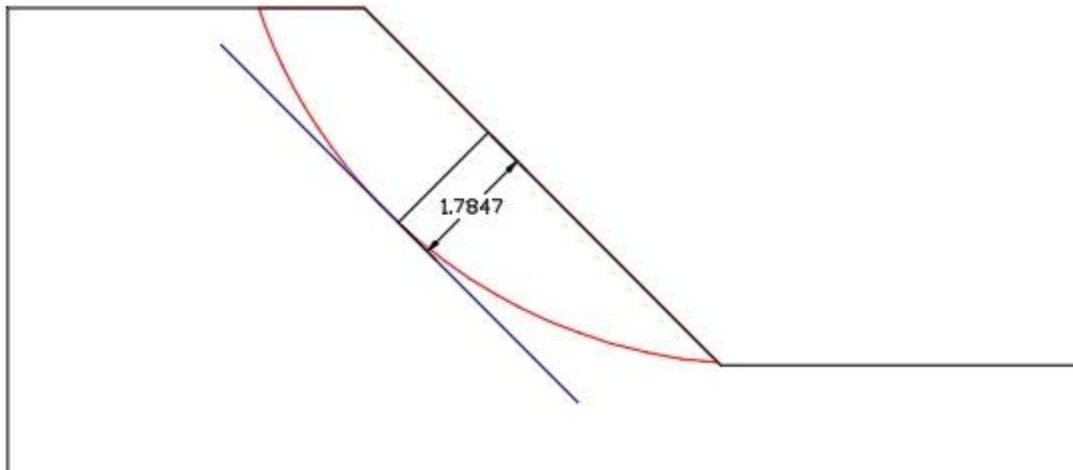




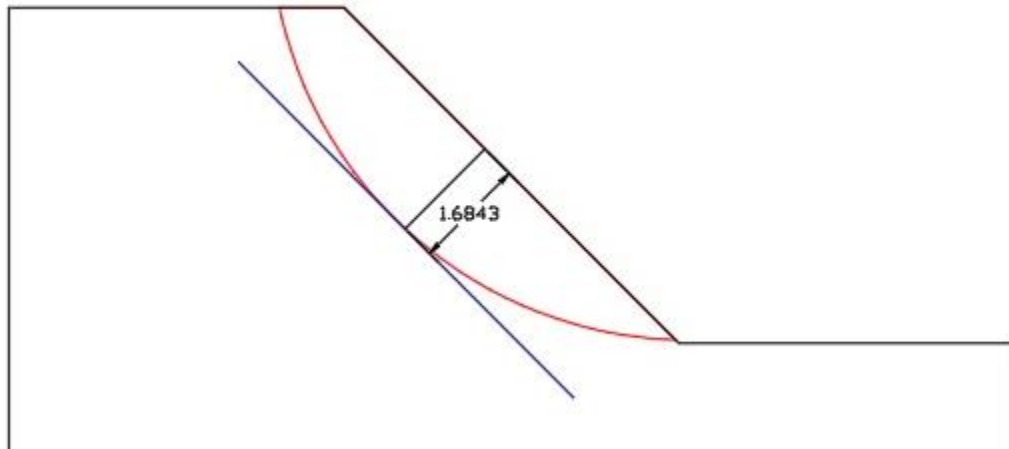
Modelo 28 (Modelación 1, P3,  $\beta=35^\circ$ , Con NF)



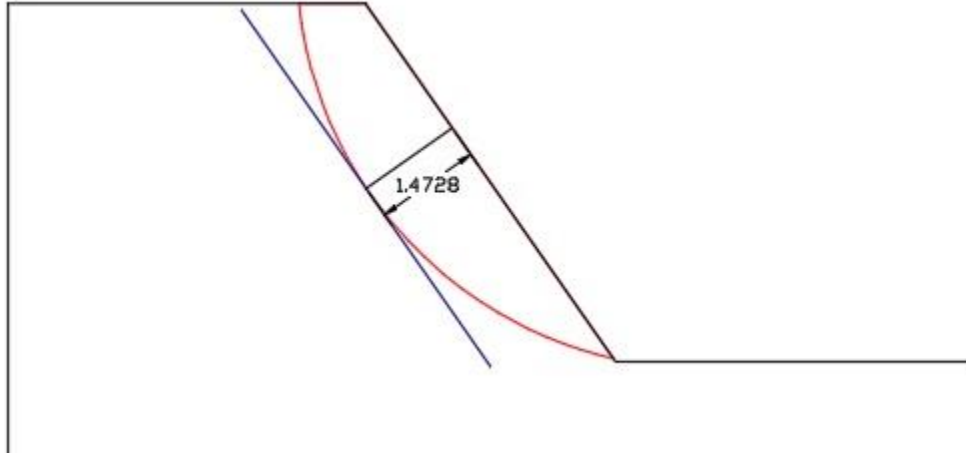
Modelo 29 (Modelación 1, P3,  $\beta=45^\circ$ , Sin NF)



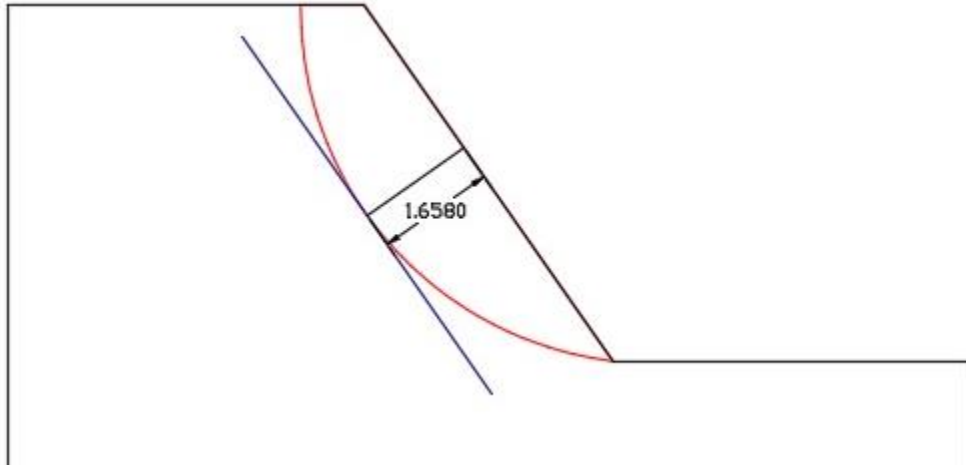
Modelo 30 (Modelación 1, P3,  $\beta=45^\circ$ , Con NF)



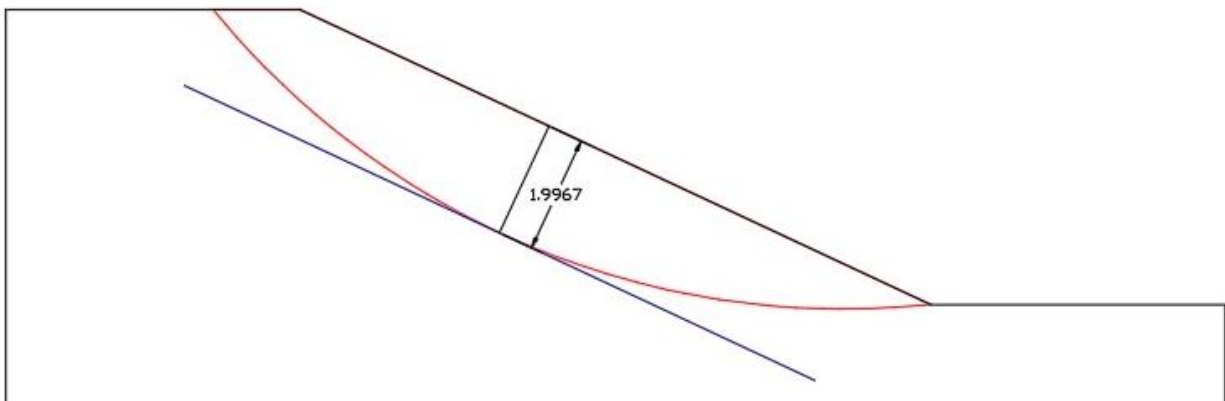
Modelo 31 (Modelación 1, P3,  $\beta=55^\circ$ , Sin NF)



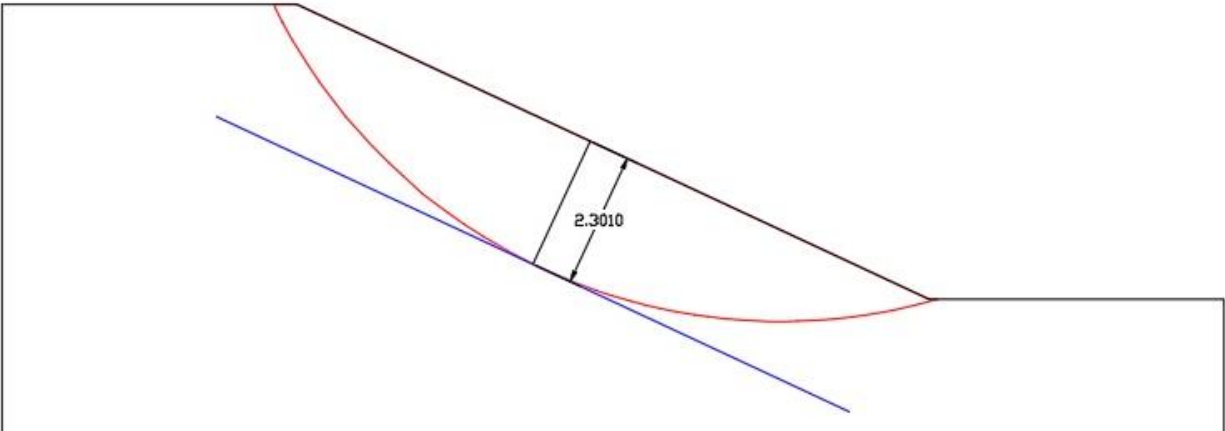
Modelo 32 (Modelación 1, P3,  $\beta=55^\circ$ , Con NF)



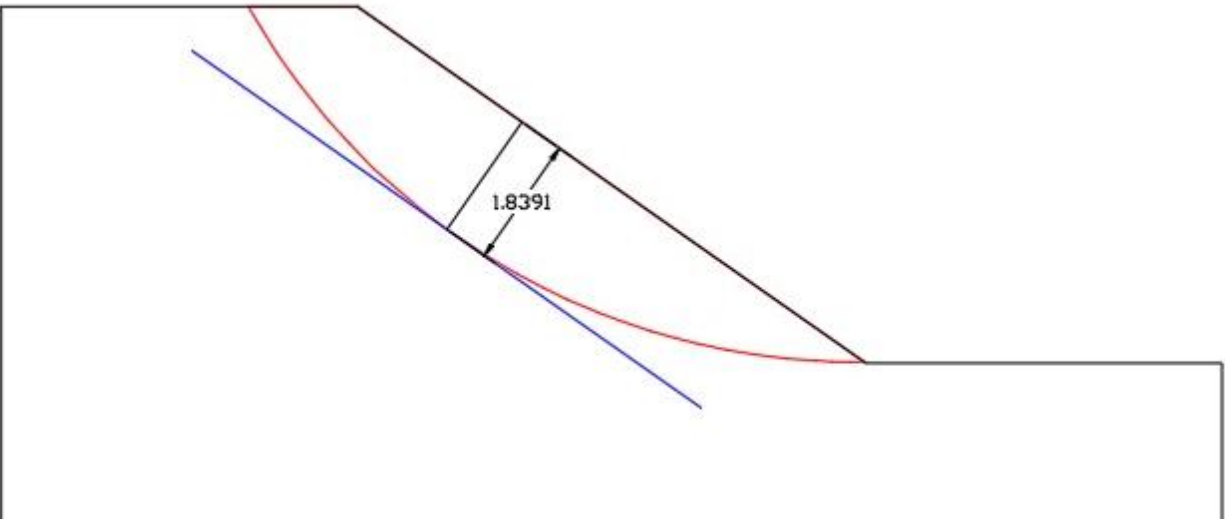
Modelo 33 (Modelación 2, P1,  $\beta=25^\circ$ , Sin NF)



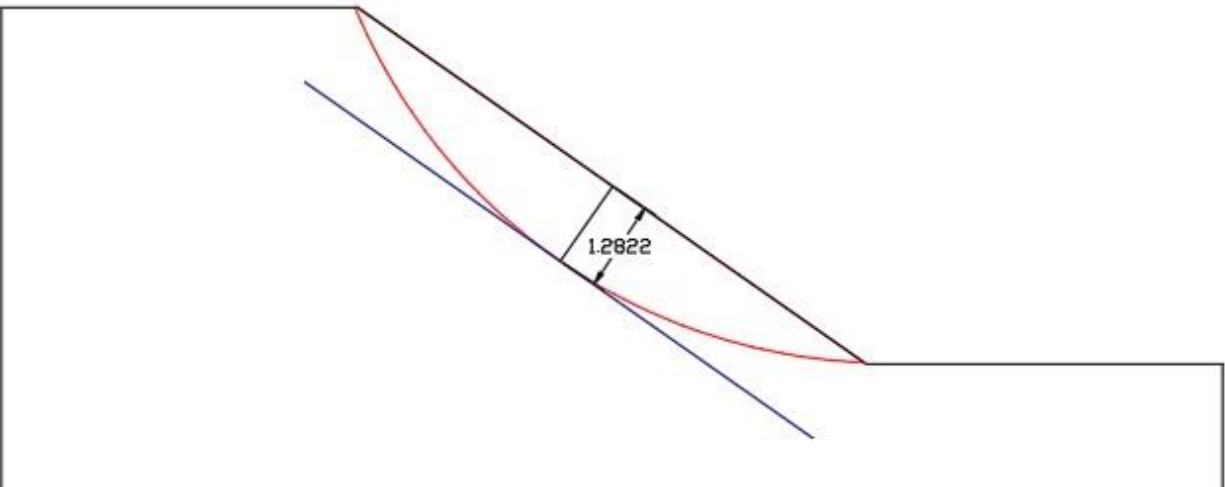
Modelo 34 (Modelación 2, P1,  $\beta=25^\circ$ , Con NF)



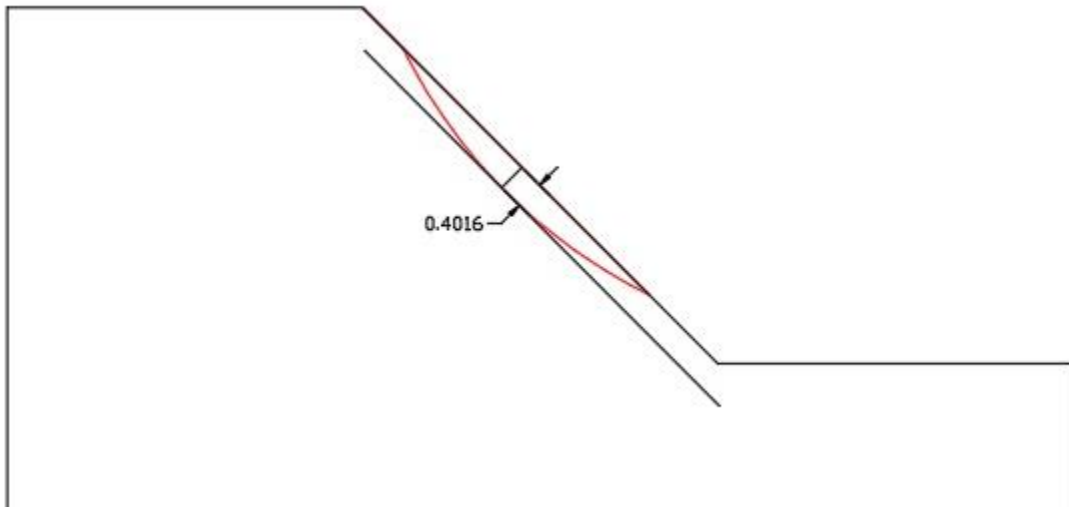
Modelo 35 (Modelación 2, P1,  $\beta=35^\circ$ , Sin NF)



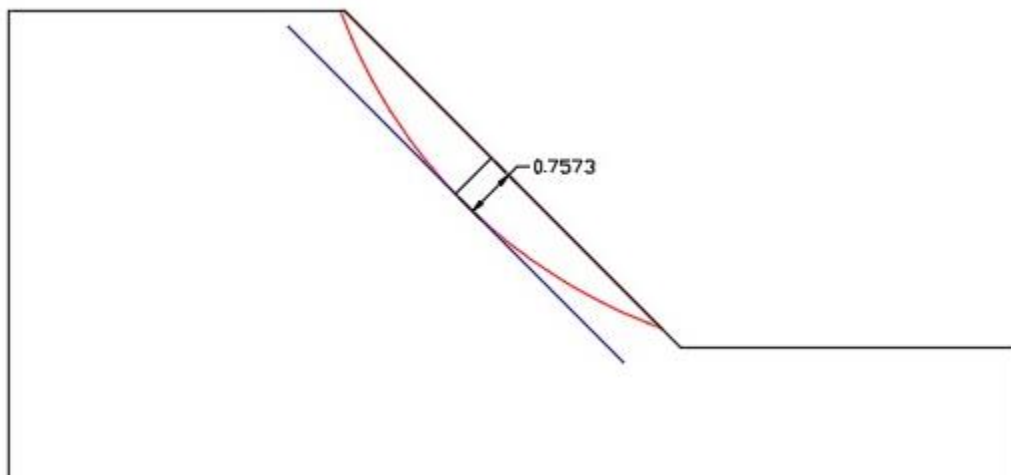
Modelo 36 (Modelación 2, P1,  $\beta=35^\circ$ , Con NF)



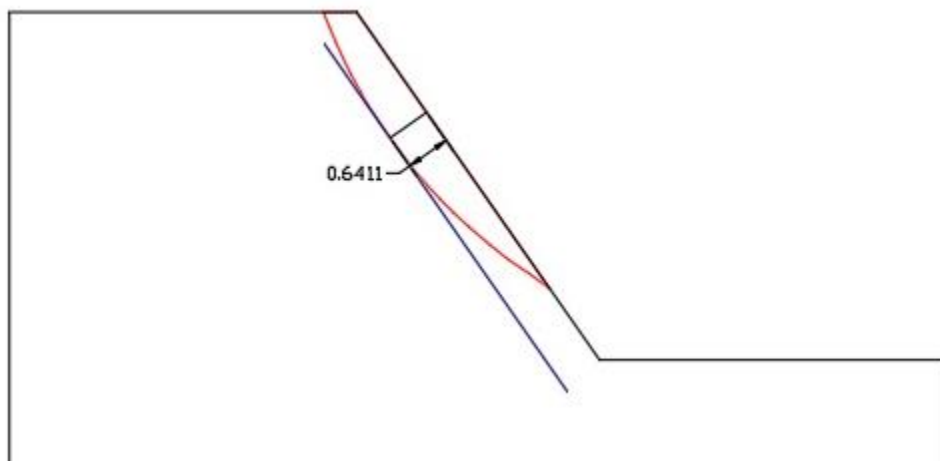
Modelo 37 (Modelación 2, P1,  $\beta=45^\circ$ , Sin NF)



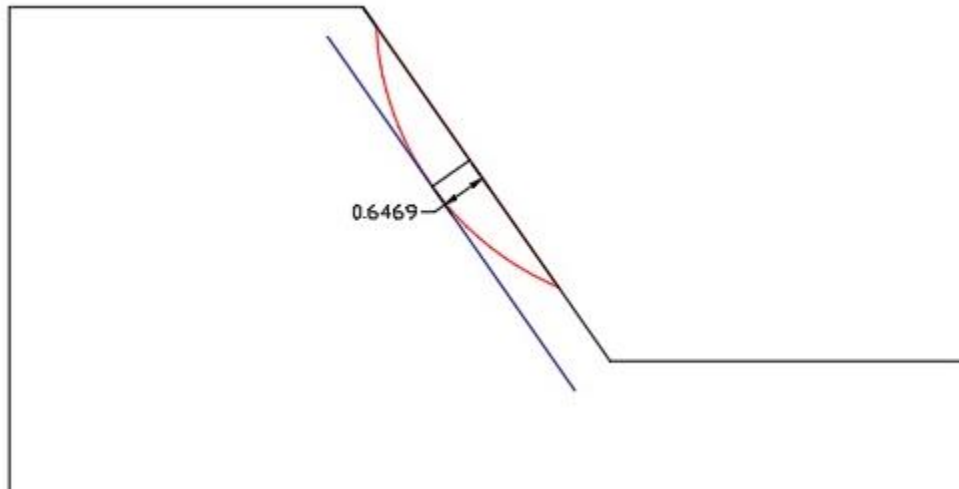
Modelo 38 (Modelación 2, P1,  $\beta=45^\circ$ , Con NF)



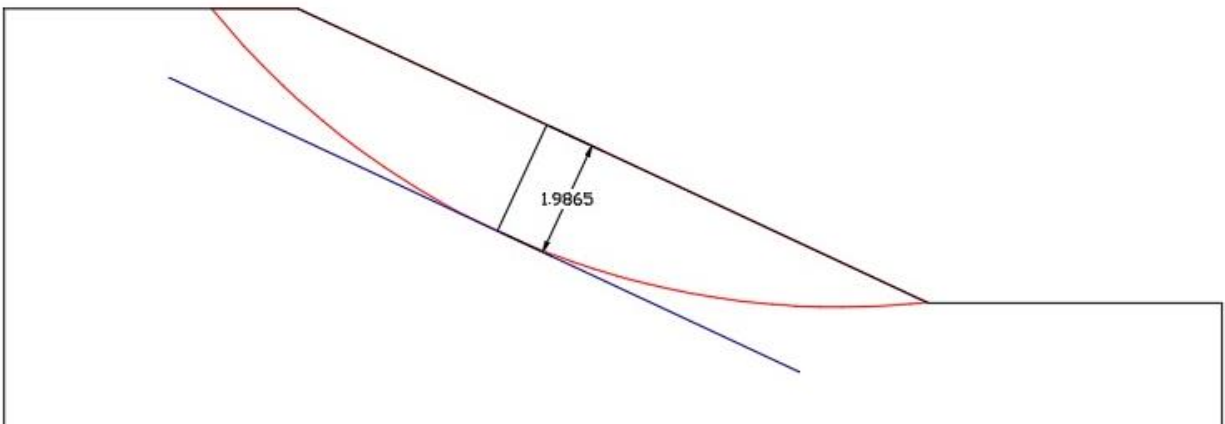
Modelo 39 (Modelación 2, P1,  $\beta=55^\circ$ , Sin NF)



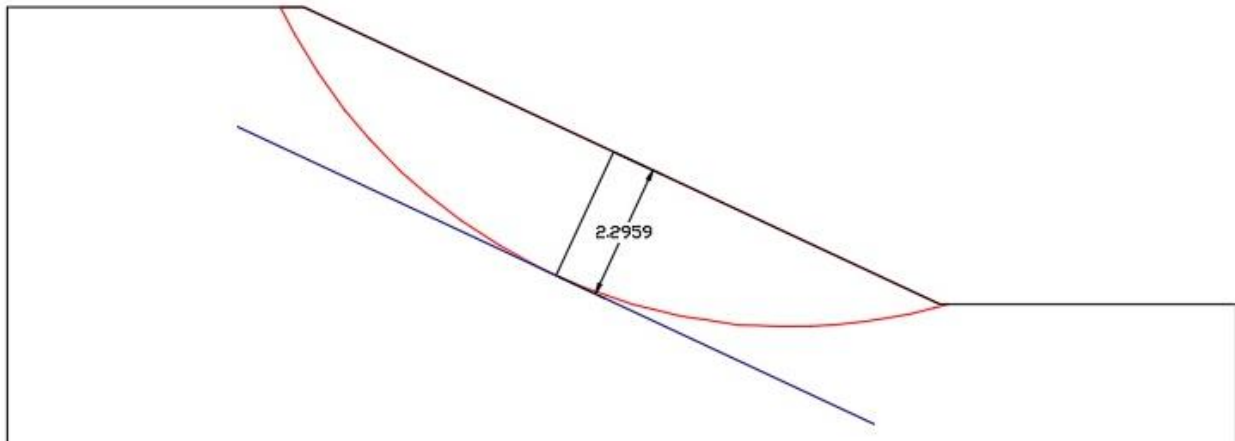
Modelo 40 (Modelación 2, P1,  $\beta=55^\circ$ , Con NF)



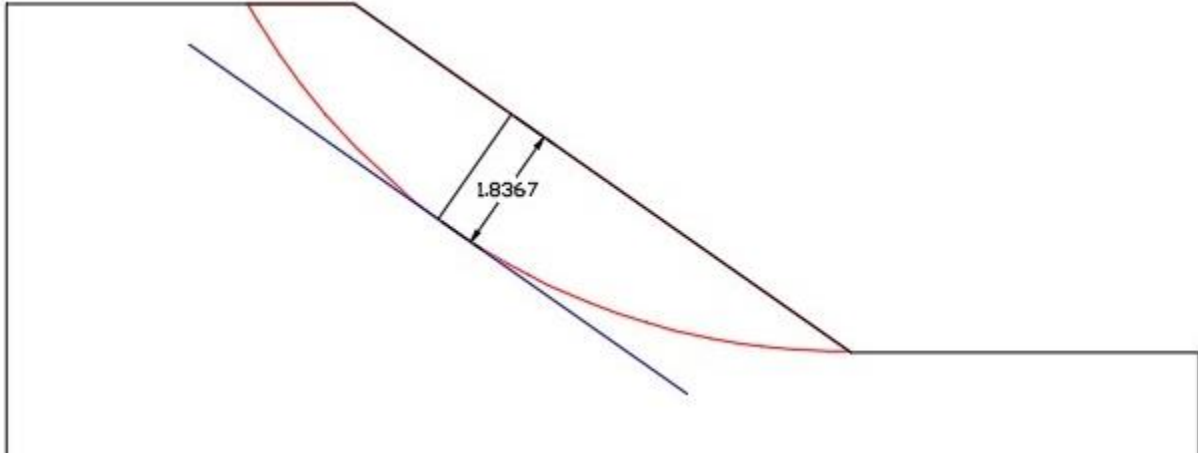
Modelo 41 (Modelación 2, P2,  $\beta=25^\circ$ , Sin NF)



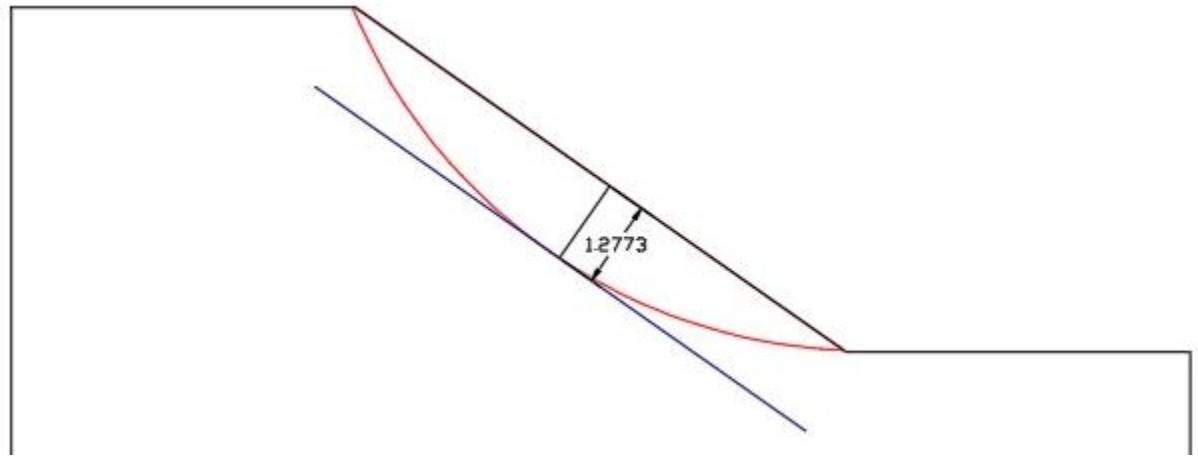
Modelo 42 (Modelación 2, P2,  $\beta=25^\circ$ , Con NF)



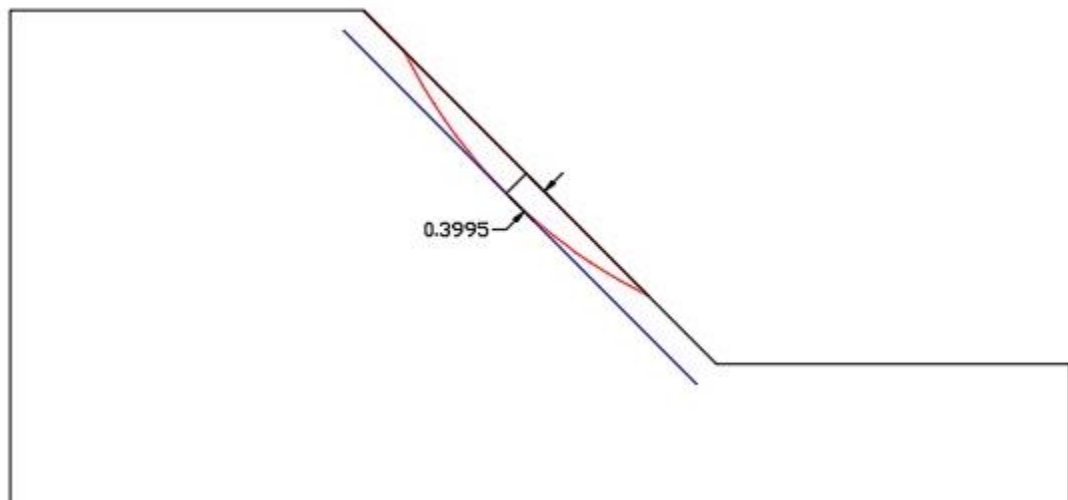
Modelo 43 (Modelación 2, P2,  $\beta=35^\circ$ , Sin NF)



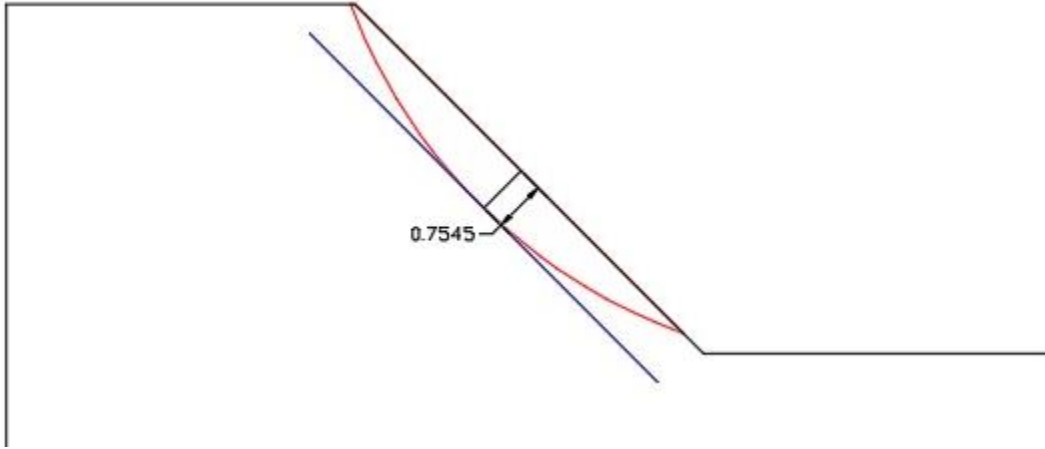
Modelo 44 (Modelación 2, P2,  $\beta=35^\circ$ , Con NF)



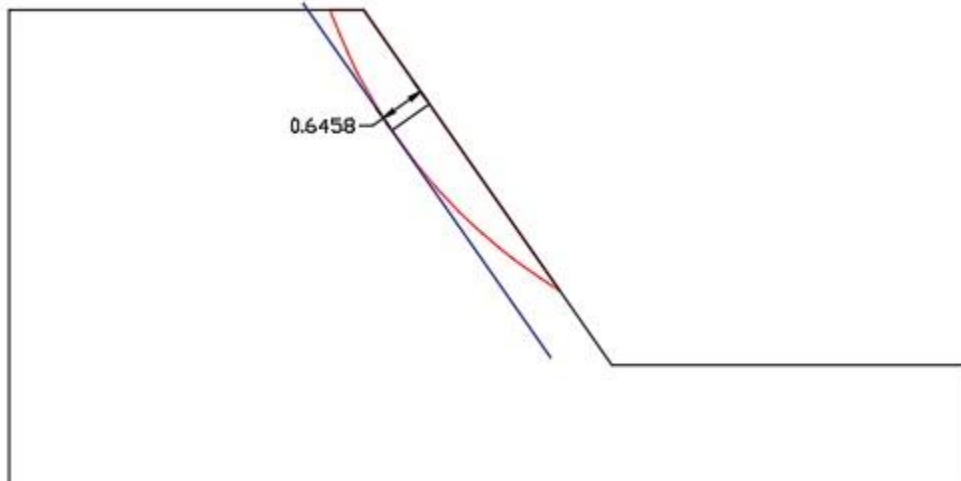
Modelo 45 (Modelación 2, P2,  $\beta=45^\circ$ , Sin NF)



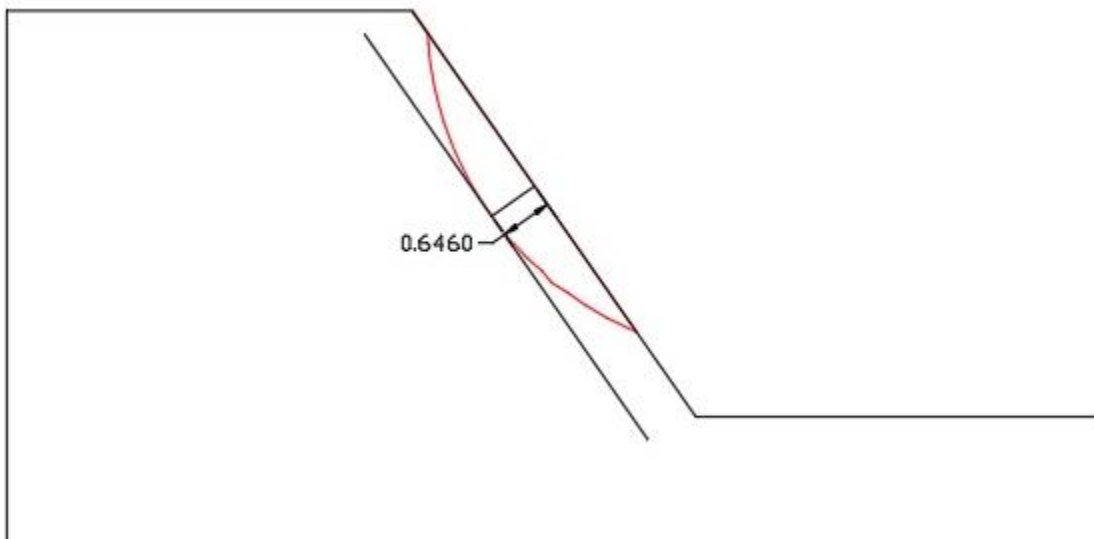
Modelo 46 (Modelación 2, P2,  $\beta=45^\circ$ , Con NF)



Modelo 47 (Modelación 2, P2,  $\beta=55^\circ$ , Sin NF)

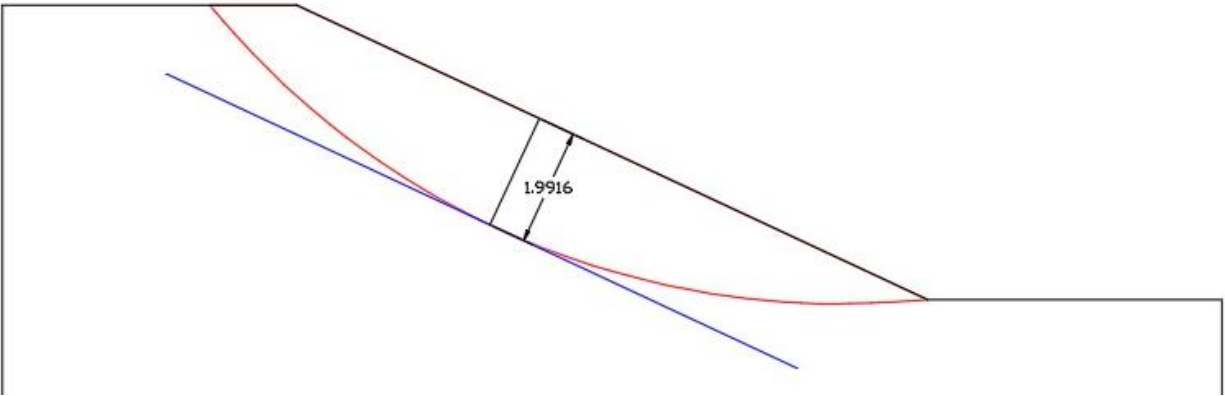


Modelo 48 (Modelación 2, P2,  $\beta=55^\circ$ , Con NF)

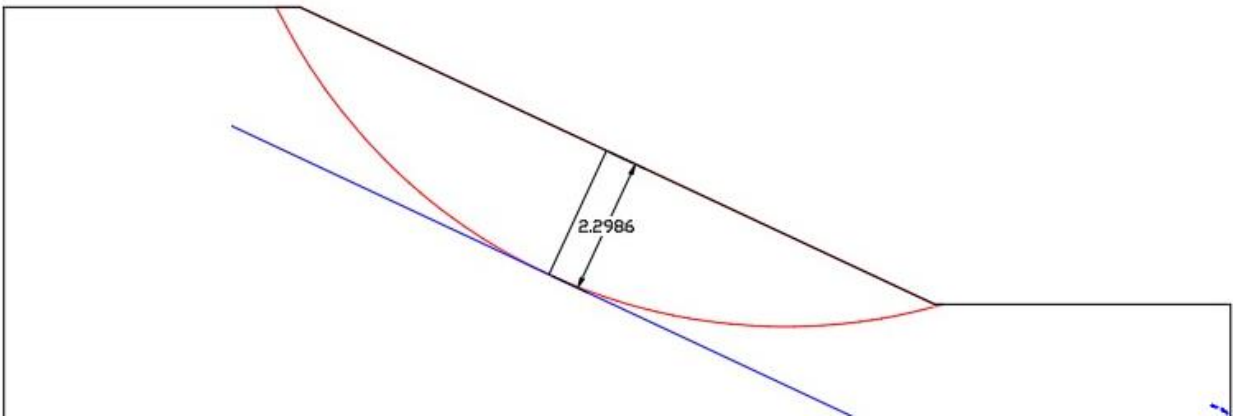




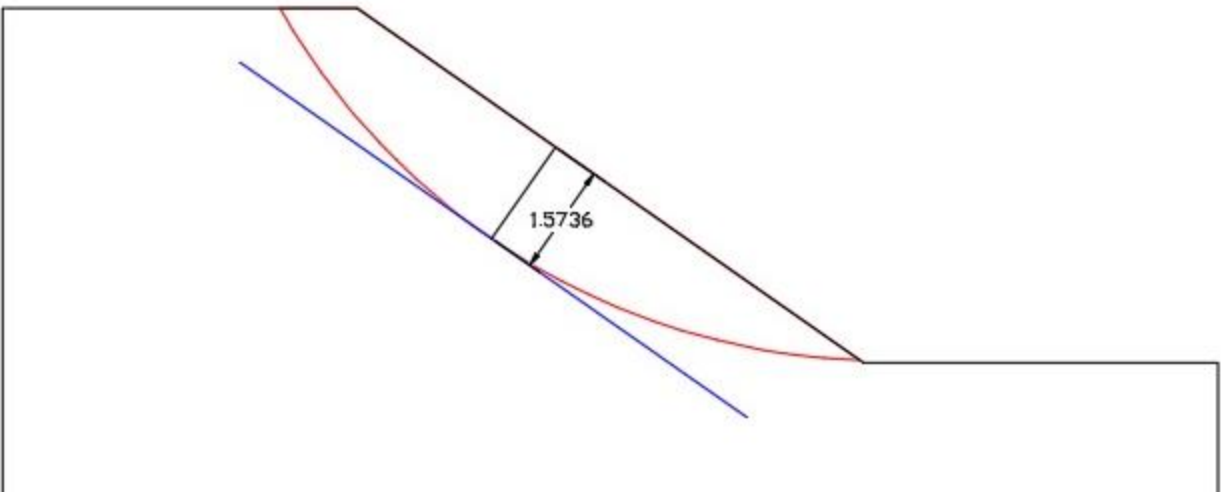
Modelo 49 (Modelación 2, P3,  $\beta=25^\circ$ , Sin NF)



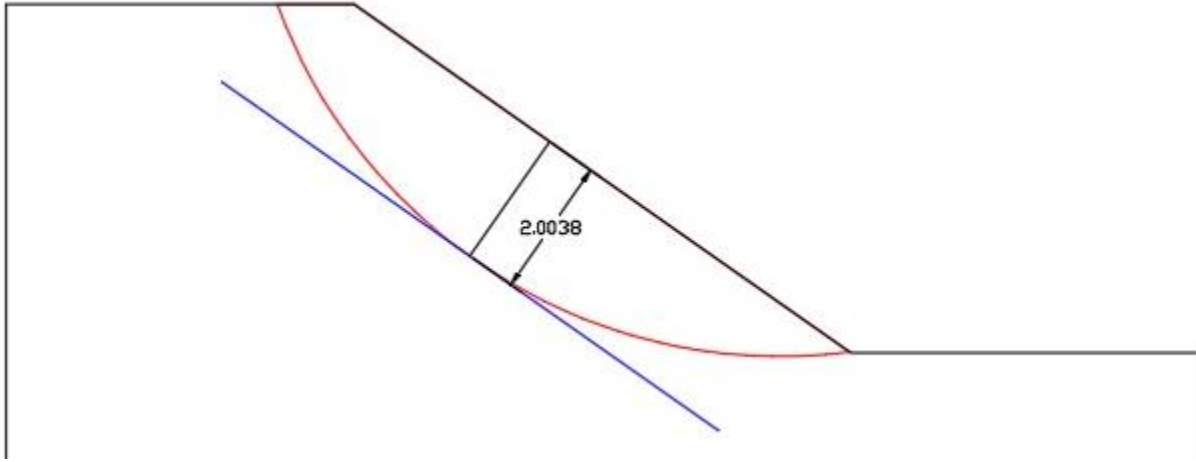
Modelo 50. (Modelación 2, P3,  $\beta=25^\circ$ , Con NF)



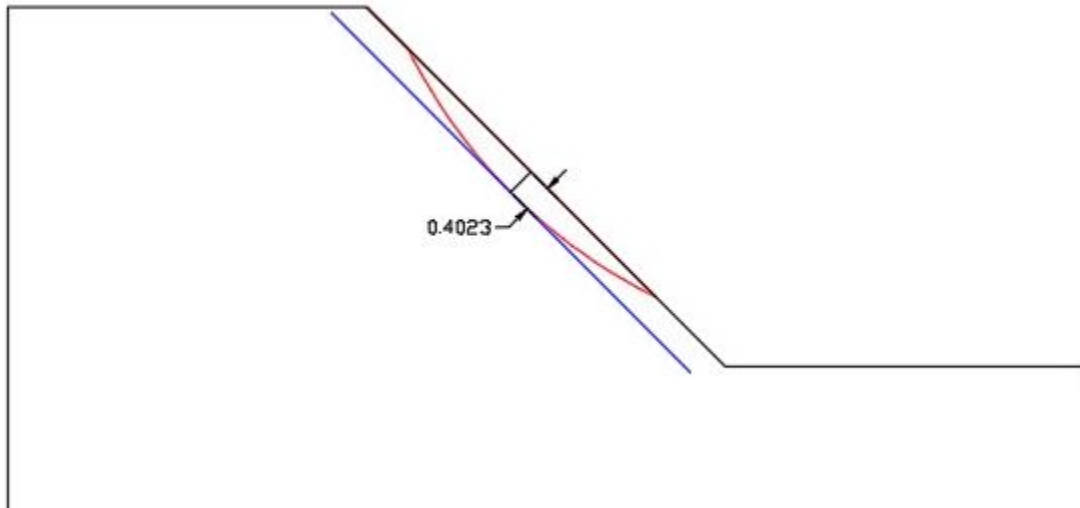
Modelo 51 (Modelación 2, P3,  $\beta=35^\circ$ , Sin NF)



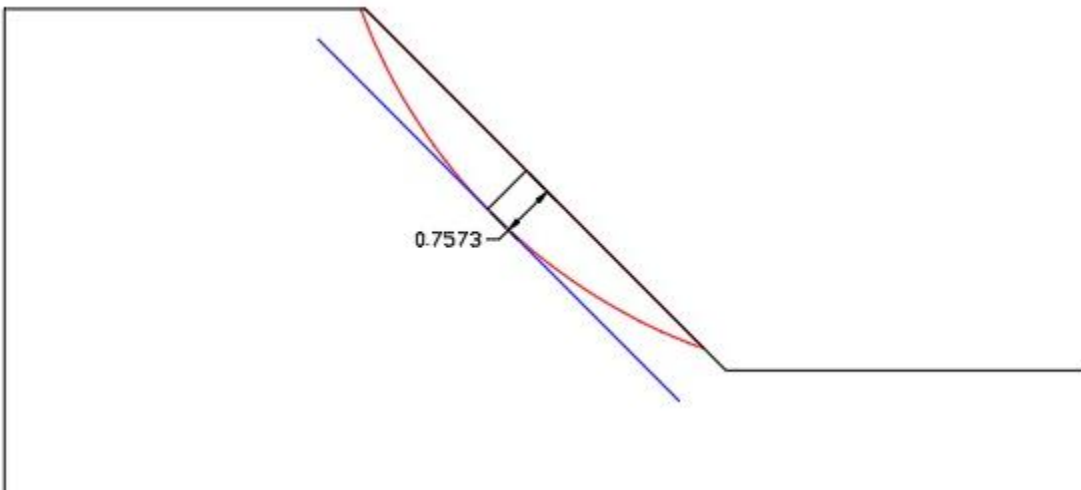
Modelo 52 (Modelación 2, P3,  $\beta=35^\circ$ , Con NF)



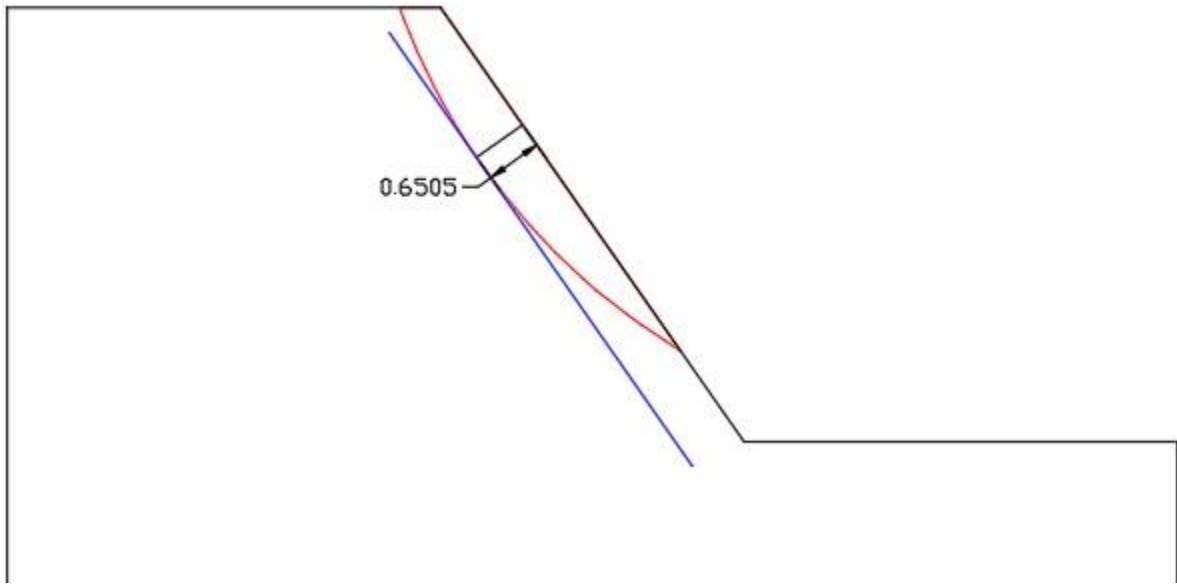
Modelo 53 (Modelación 2, P3,  $\beta=45^\circ$ , Sin NF)



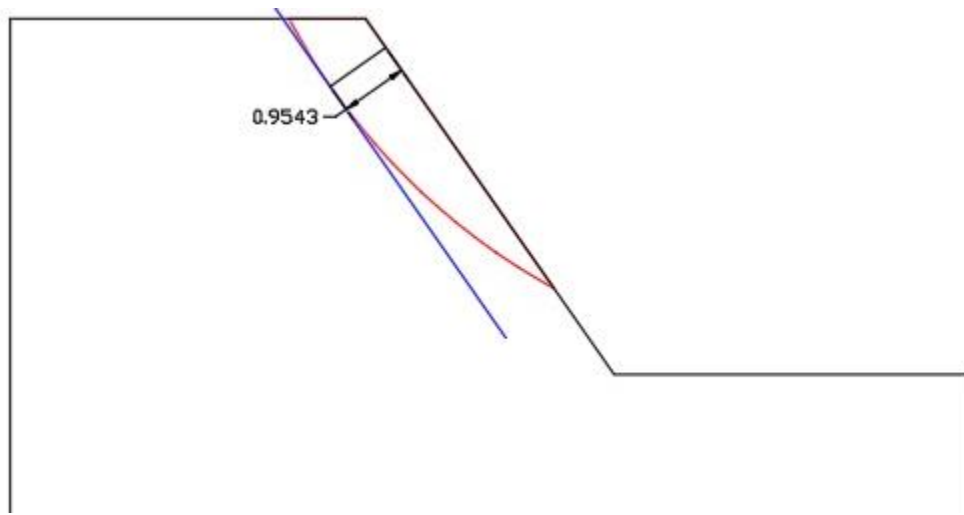
Modelo 54. (Modelación 2, P3,  $\beta=45^\circ$ , Con NF)



Modelo 55. (Modelación 2, P3,  $\beta=55^\circ$ , Sin NF)



Modelo 56 (Modelación 2, P3,  $\beta=55^\circ$ , Con NF)



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