

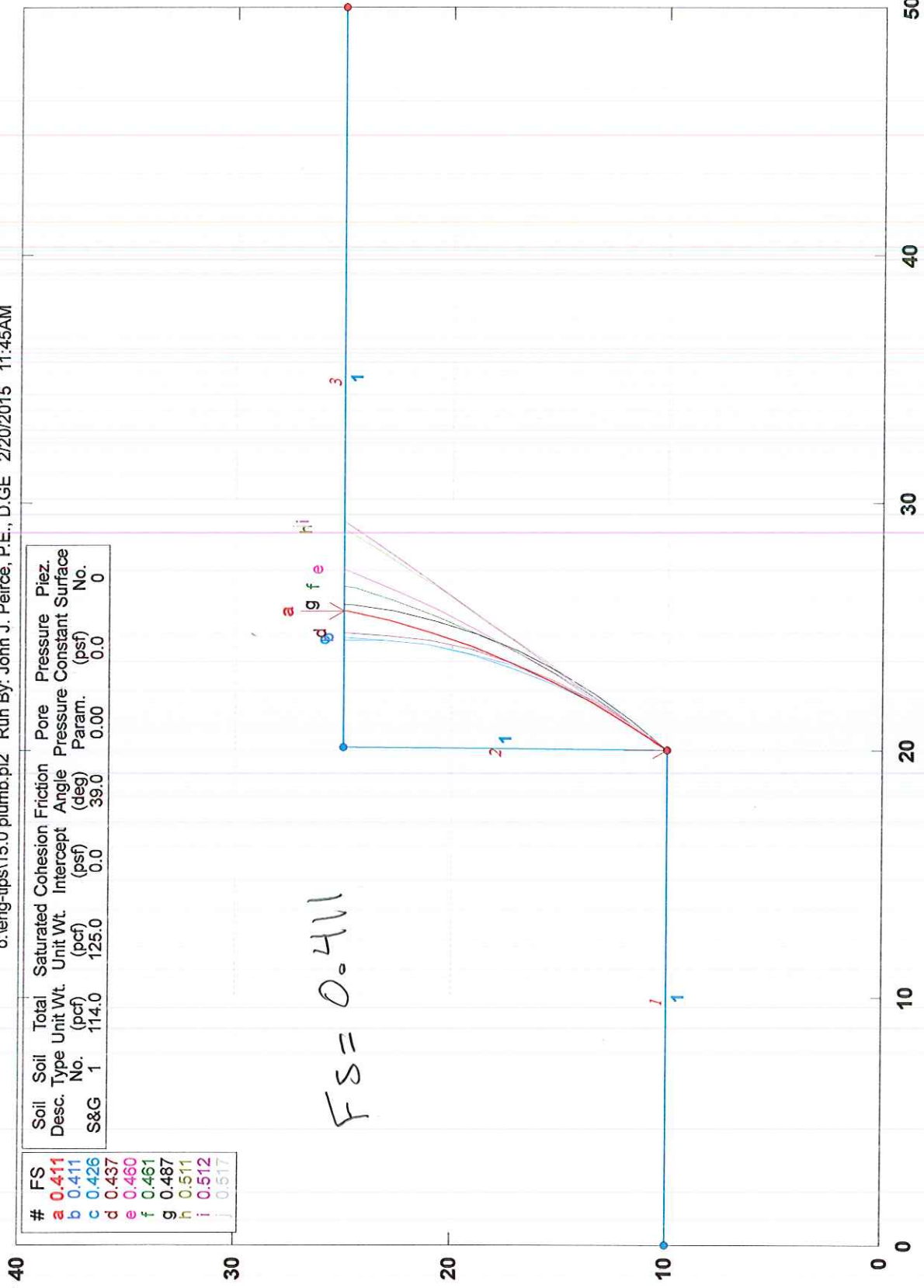
# H=15.0' Plumb

o:\eng-tips\15.0 plumb.pl2 Run By: John J. Peirce, P.E., D.GE 2/20/2015 11:45AM

Soil Desc.	Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion (pcf)	Friction Angle (deg)	Pore Pressure Param. (psf)	Piez. Constant (psf)	Piez. No.
S&G	1	114.0	125.0	0.0	39.0	0.00	0.0	0

#	FS
a	0.411
b	0.411
c	0.426
d	0.437
e	0.460
f	0.461
g	0.487
h	0.511
i	0.512
j	0.517

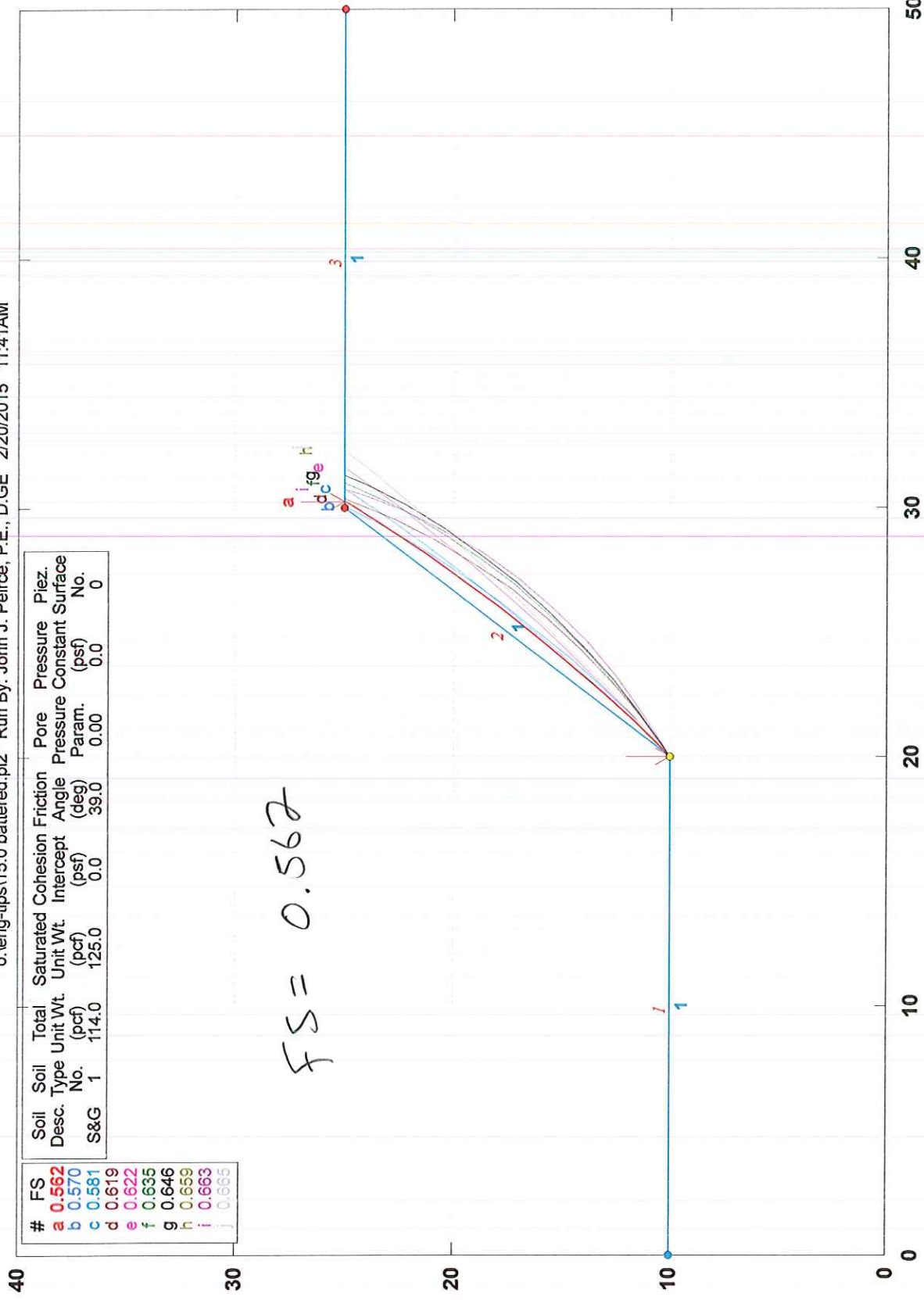
$FS = 0.411$



GSTABL7 v.2 FSmin=0.411  
Safety Factors Are Calculated By The Modified Bishop Method

# H=15.0' Slope

o:\eng-tips\15.0 battered.p12 Run By: John J. Peirce, P.E., D.GE 2/20/2015 11:41AM



#	FS	Soil Desc. No.	Soil Type No.	Total Unit Wt. (pcf)	Saturated Unit Wt. (pcf)	Cohesion (psf)	Friction Angle (deg)	Pore Pressure Param.	Piez. Constant (psf)	Piez. Surface No.
a	0.562	1	1	114.0	125.0	0.0	39.0	0.00	0.0	0
b	0.570									
c	0.581									
d	0.619									
e	0.622									
f	0.635									
g	0.646									
h	0.659									
i	0.663									
j	0.665									

FS = 0.562

GSTABL7 v.2 FSmin=0.562  
Safety Factors Are Calculated By The Modified Bishop Method