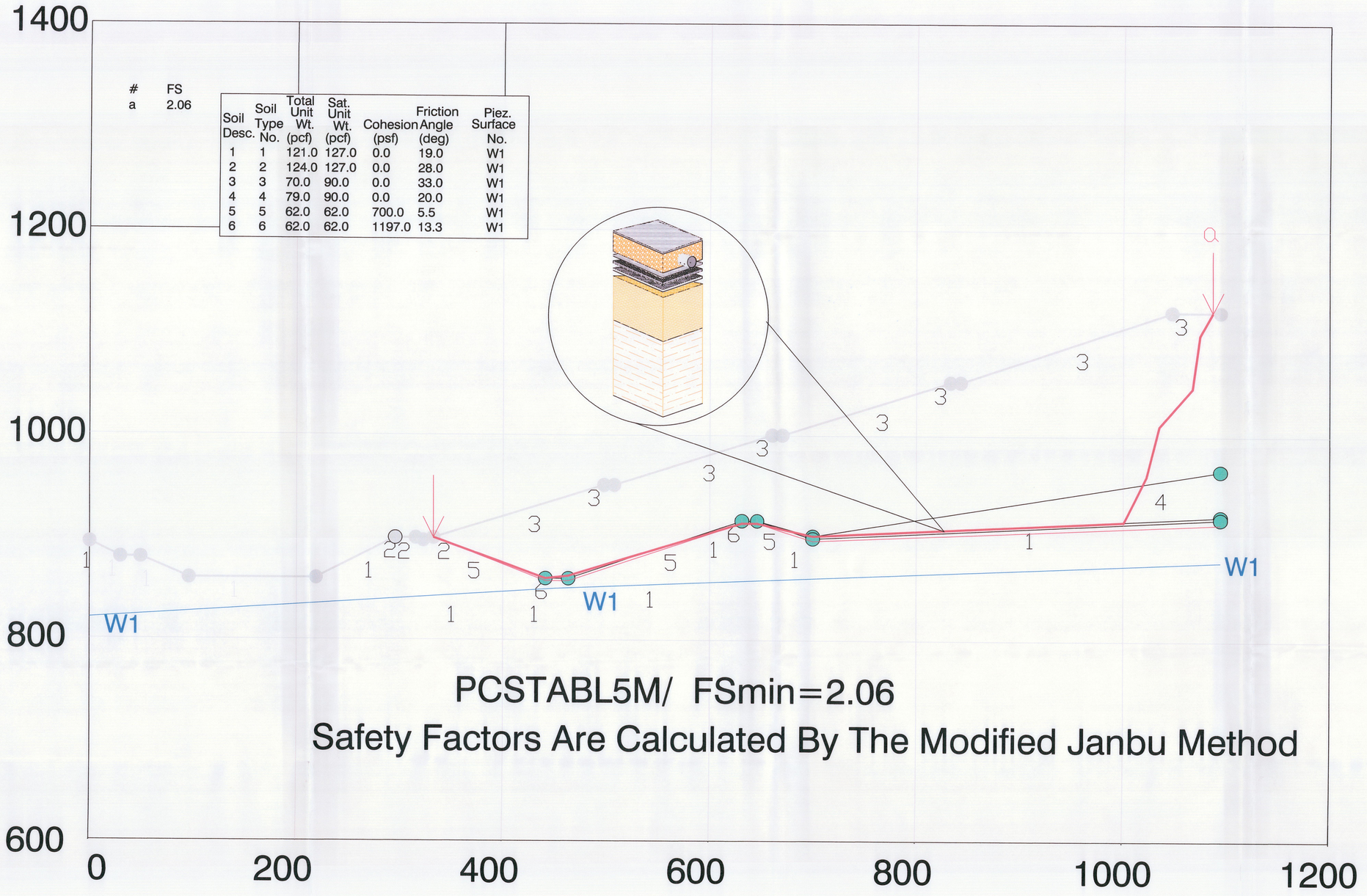
#	FS
a	2.06

Soil Desc.	Soil Type No.	Total Unit Wt. (pcf)	Sat. Unit Wt. (pcf)	Cohesion (psf)	Friction Angle (deg)	Piez. Surface No.
1	1	121.0	127.0	0.0	19.0	W1
2	2	124.0	127.0	0.0	28.0	W1
3	3	70.0	90.0	0.0	33.0	W1
4	4	79.0	90.0	0.0	20.0	W1
5	5	62.0	62.0	700.0	5.5	W1
6	6	62.0	62.0	1197.0	13.3	W1



PCSTABL5M/ FSmin=2.06

Safety Factors Are Calculated By The Modified Janbu Method

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JO K. HOUSE
REGISTERED
No.018277
STATE OF TENNESSEE

MATLOCKBENDCLASSILANDFILL
2014-EXPANSION
SLOPESTABILITYANALYSIS

DRAWING TITLE:
LANDFILLLINERSYSTEM
BLOCKANALYSIS

DESIGNED BY:	DRAWN BY:
JW	JKH
CHECKED BY:	PROJECT NO.:
JKH	201401
SCALE:	DATE:
NTS	2-14-2014
FILE NAME	
MBLBLOCKWEDGE	
SHEET NO.	DRAWING NO.
1	1

F:\MATLOCK\BEND LANDFILL Blockwedge.dwg - 2/14/2014 10:14 PM