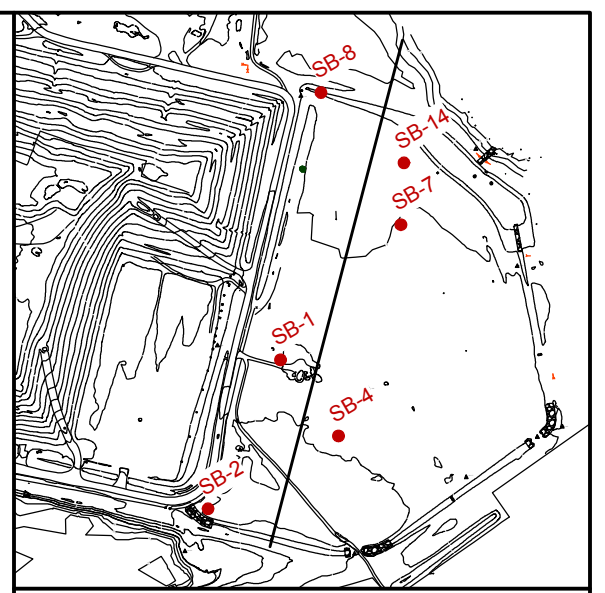
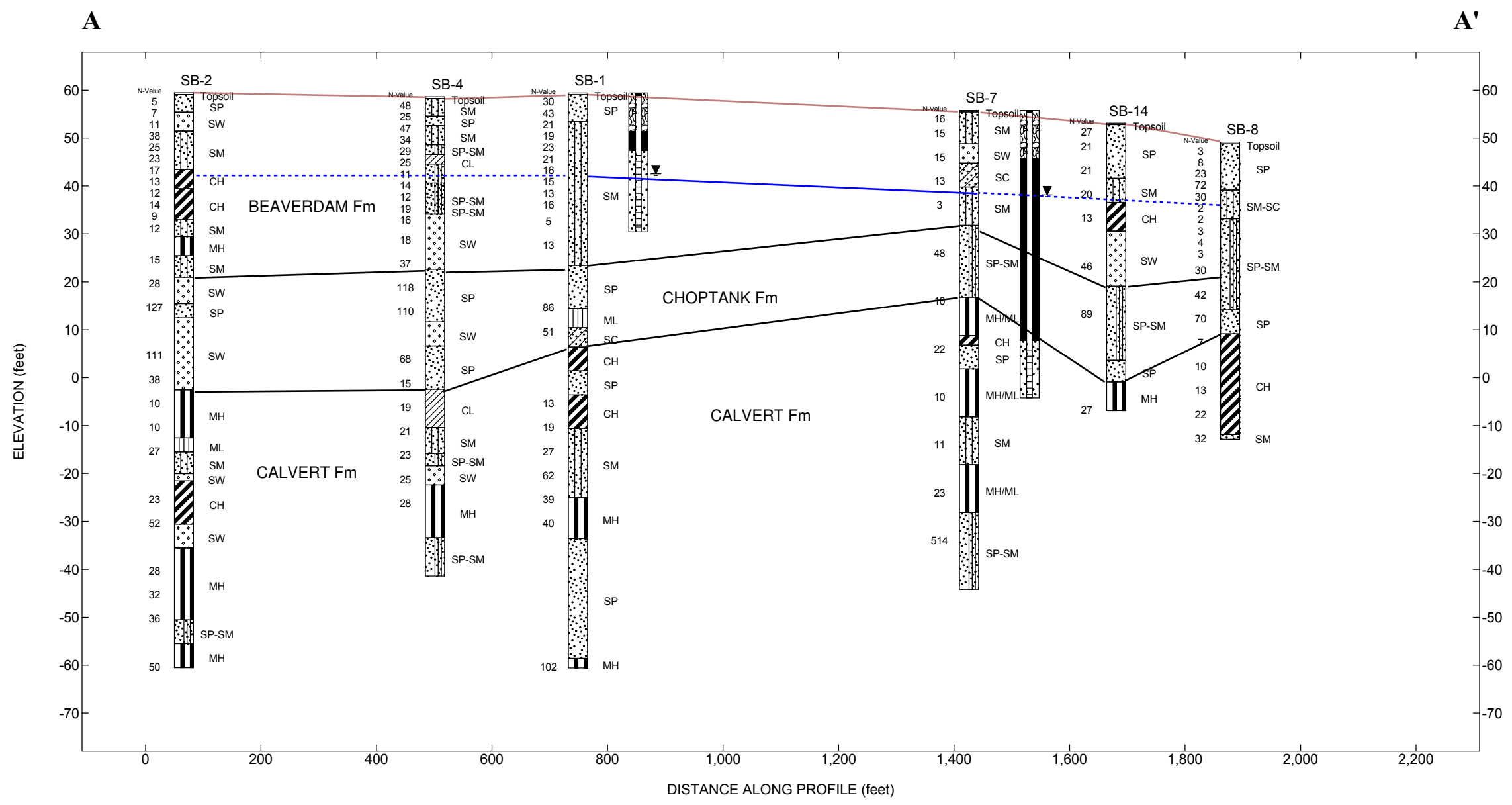


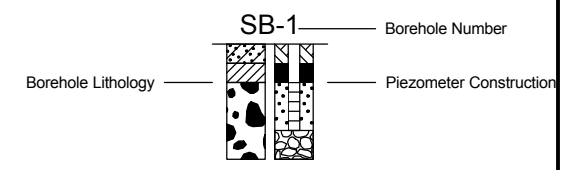
Appendix B

FNC AB NNWL01 - B SIZE DSWA AREA F.GPJ - 11/27/07

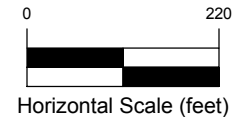


Site Map Scale 1 inch equals 805 feet

Explanation:



Water Level Reading after drilling.



Vertical Exaggeration: 8.5x

- | | | | |
|----------------------|--------------|------------------|------------------------------|
| Poorly-graded Sand | Silty Sand | Silt | Clayey Sand |
| High Plasticity Clay | Elastic Silt | Well-graded Sand | Poorly-graded Sand with Silt |
| Low Plasticity Clay | | | |

- Piezometer Graphics**
- Pipe Cap: 1 pipe group, 1 pipe
 - Slough Backfill: 1 pipe group, 1 pipe
 - Bentonite Seal: 1 pipe group, 1 pipe
 - Filter Pack: 1 pipe group, 1 pipe
 - Slotted Pipe: 1 pipe group, 1 pipe
 - Top Cap: 1 pipe group, 1 pipe

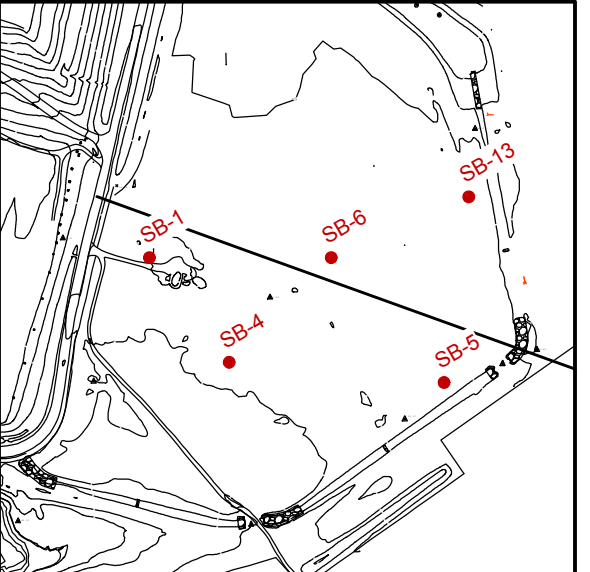
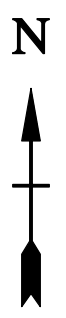
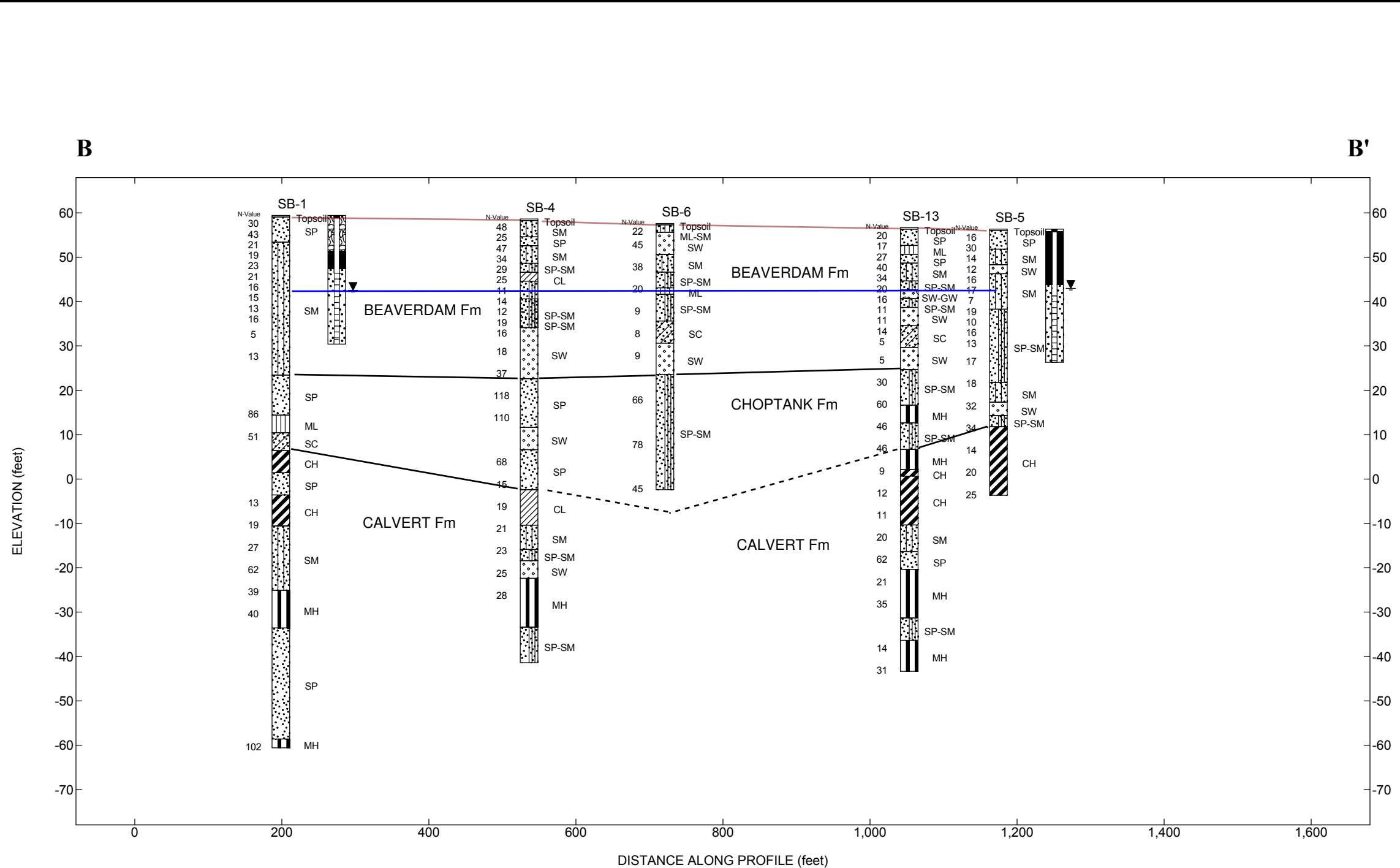
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Falls Church, VA 22042

Section A-A'
DSWA Area F



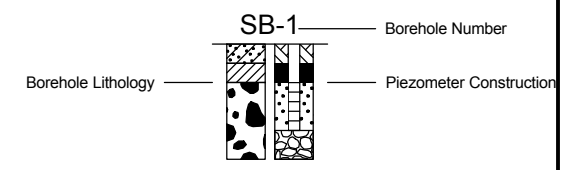
Area F
Sandtown, DE

JOB NUMBER	FIGURE NUMBER
5493-60937	Figure B-1

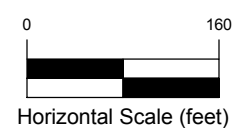


Site Map Scale 1 inch equals 585 feet

Explanation:



Water Level Reading after drilling.



Vertical Exaggeration: 6x

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Falls Church, VA 22042

Section B-B'
DSWA Area F



Area F
Sandtown, DE

JOB NUMBER	FIGURE NUMBER
5493-60937	Figure B-2

Lithology Graphics

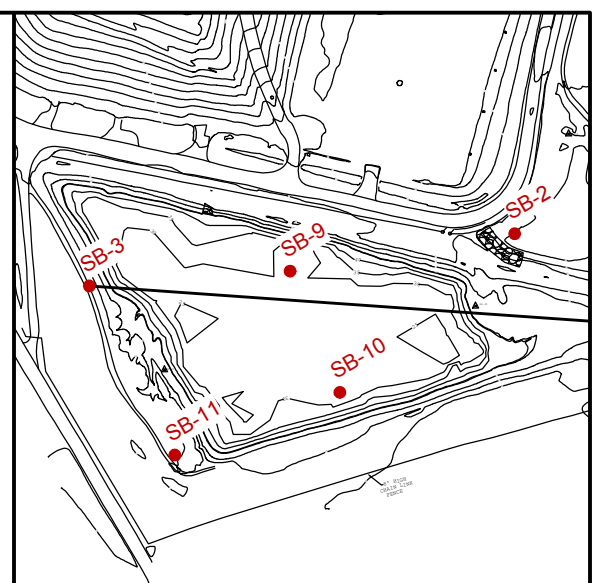
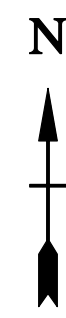
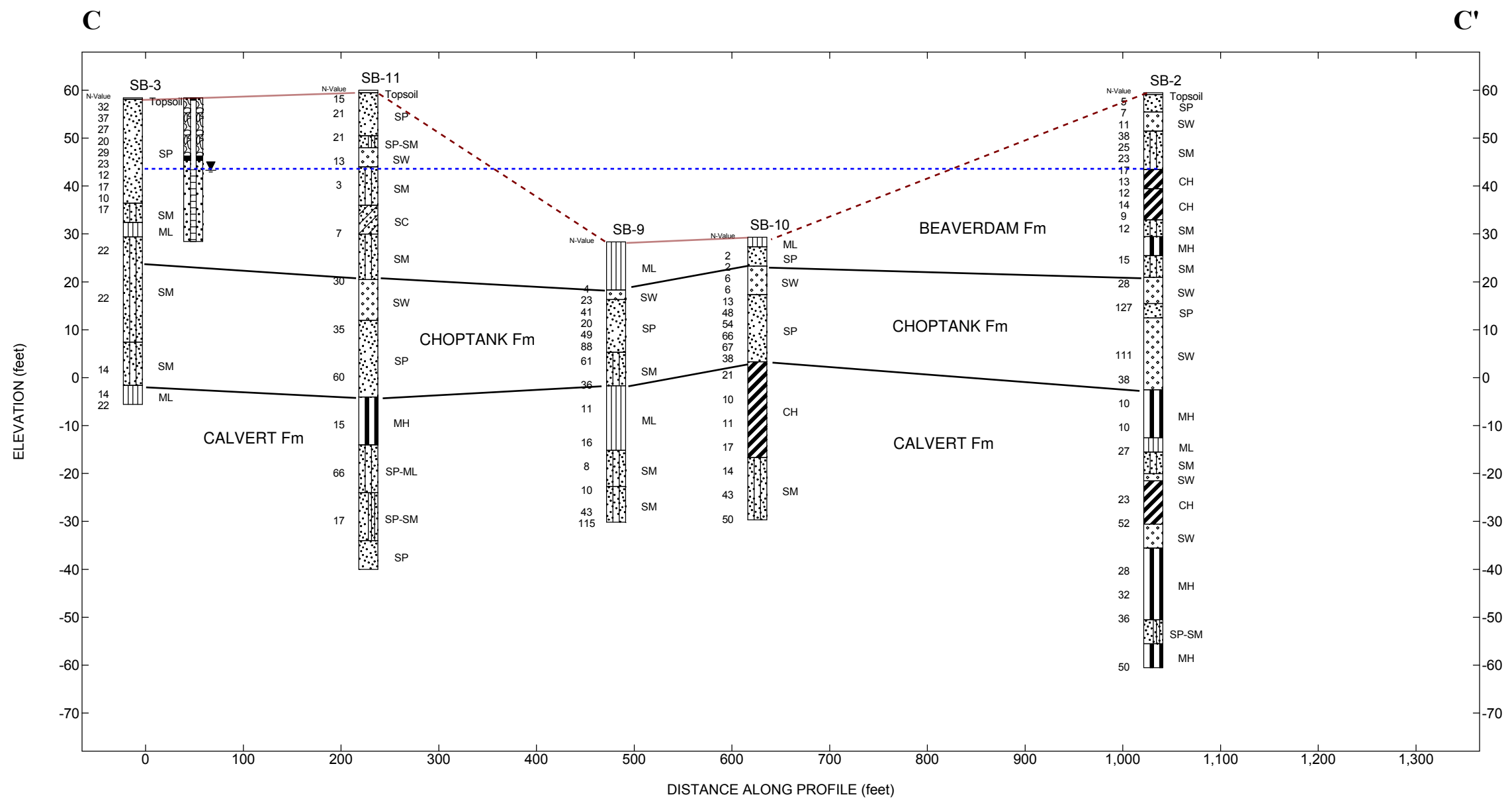
- Poorly-graded Sand
- Silty Sand
- Silt
- Clayey Sand
- High Plasticity Clay
- Elastic Silt
- Poorly-graded Sand with Silt
- USCS Well-graded Gravelly Sand
- Well-graded Sand
- Low Plasticity Clay
- Sandy Silt

Piezometer Graphics

- Pipe Cap: 1 pipe group, 1 pipe
- Slough Backfill: 1 pipe group, 1 pipe
- Bentonite Seal: 1 pipe group, 1 pipe
- Filter Pack: 1 pipe group, 1 pipe
- Slotted Pipe: 1 pipe group, 1 pipe
- Top Cap: 1 pipe group, 1 pipe

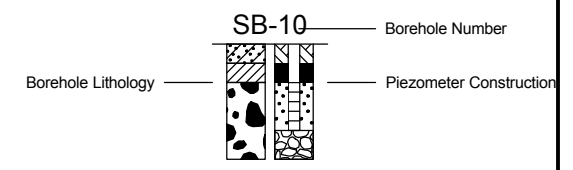
FNC AB NNWL01 - B SIZE DSWA AREA F.GPJ - 11/27/07

FNC AB NNWL01 - B SIZE DSWA AREA F.GPJ - 11/27/07

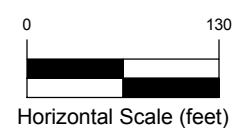


Site Map Scale 1 inch equals 475 feet

Explanation:



Water Level Reading after drilling.



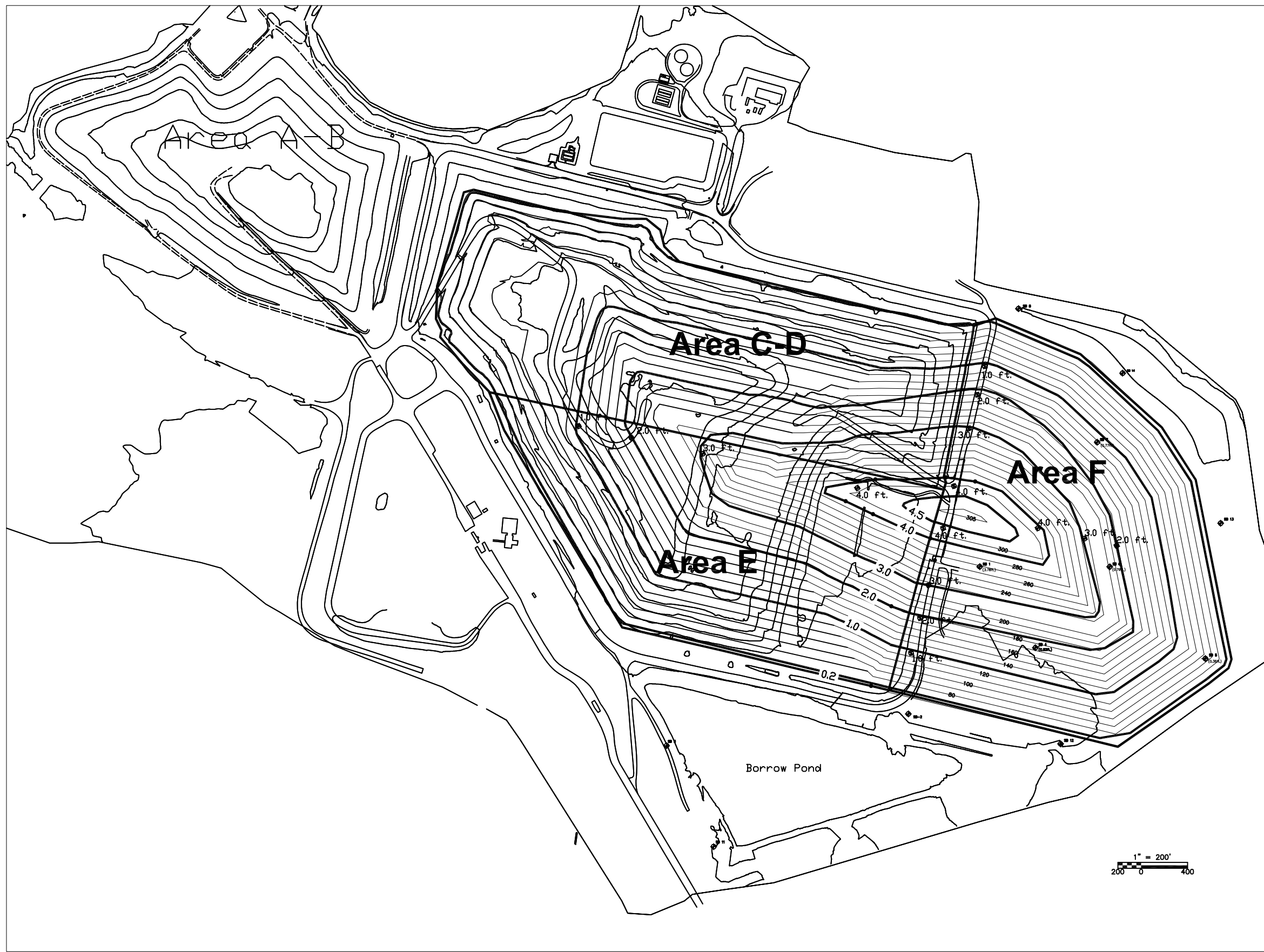
Vertical Exaggeration: 5x

Lithology Graphics		Piezometer Graphics	
Silt	Poorly-graded Sand	Pipe Cap: 1 pipe group, 1 pipe	Slough Backfill: 1 pipe group, 1 pipe
Silty Sand	Poorly-graded Sand with Silt	Bentonite Seal: 1 pipe group, 1 pipe	Filter Pack: 1 pipe group, 1 pipe
Well-graded Sand	Clayey Sand	Slotted Pipe: 1 pipe group, 1 pipe	
High Plasticity Clay	Elastic Silt		

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**Section C-C'
DSWA Area F**

CDM	Area F Sandtown, DE	
	JOB NUMBER	FIGURE NUMBER
	5493-60937	Figure B-3



- Legend:**
- ◆ 1.0 Settlement Values based on Sigma-W calculations (Idealized Soil Profile)
 - ◆ SB 1 (5.5ft.) Settlement Values based on elastic method (Select boring locations)
 - ⤵ 5.5 Settlement Contour
 - Approximate Cell Boundaries

REV. NO.	DATE	DRWN	CHKD	REMARKS

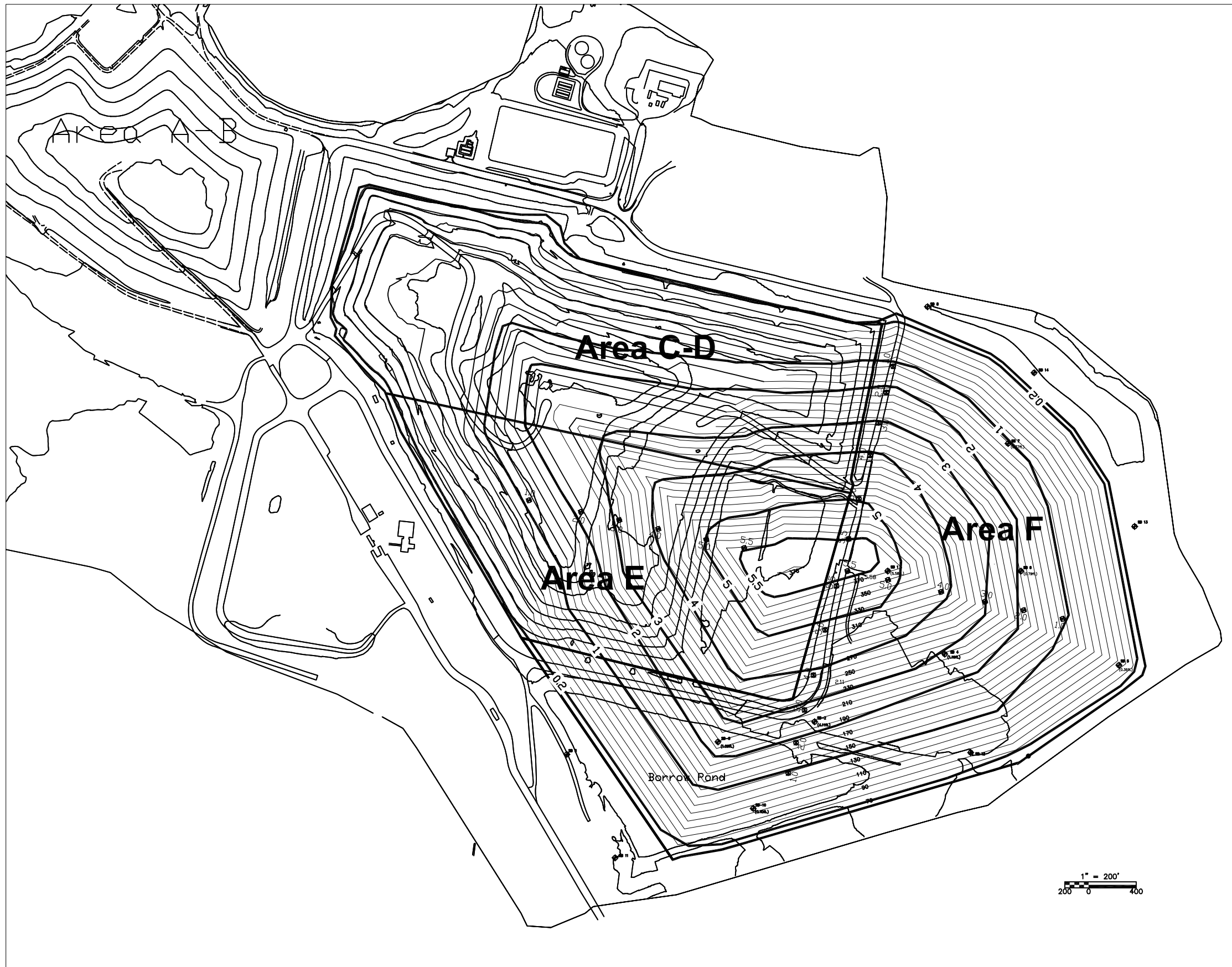
DESIGNED BY: _____
 DRAWN BY: _____
 SHEET CHK'D BY: _____
 CROSS CHK'D BY: _____
 APPROVED BY: _____
 DATE: OCTOBER 2007

CDM Camp Dresser & McKee, Inc.
 Two Penn Center Plaza
 1500 JFK Blvd., Suite 624
 Philadelphia, PA 19102

DELAWARE SOLID WASTE AUTHORITY
 CONTRACT NO.
**CENTRAL SOLID WASTE MANAGEMENT CENTER
 AREA F DISPOSAL AREA**

**SETTLEMENT CONTOUR MAP
 AREA F DISPOSAL AREA OPTION-1**

PROJECT NO. 5493-60937
 FILE NAME:
 SHEET NO.



Legend:

- 1.0 Settlement Values based on Sigma-W calculations (Idealized Soil Profile)
- 5.58ft Settlement Values based on elastic method (Select boring locations)
- 5.5 Settlement Contour
- Approximate Cell Boundaries

REV. NO.	DATE	DRWN	CHKD	REMARKS

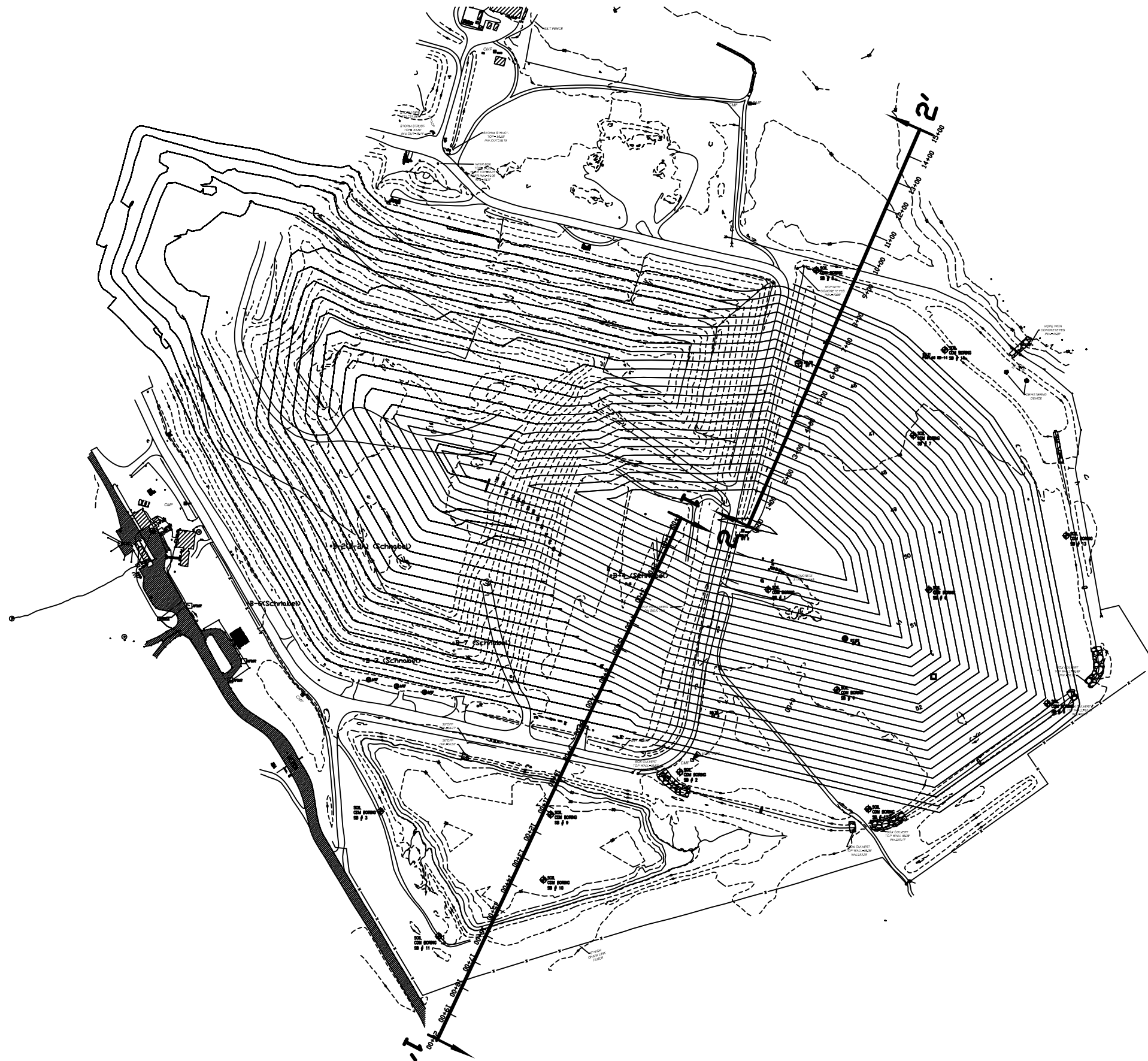
DESIGNED BY: _____
 DRAWN BY: _____
 SHEET CHK'D BY: _____
 CROSS CHK'D BY: _____
 APPROVED BY: _____
 DATE: OCTOBER 2007

CDM Camp Dresser & McKee, Inc.
 Two Penn Center Plaza
 1500 JFK Blvd., Suite 824
 Philadelphia, PA 19102

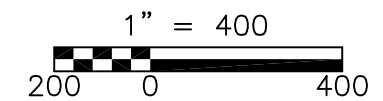
DELAWARE SOLID WASTE AUTHORITY
 CONTRACT NO.
CENTRAL SOLID WASTE MANAGEMENT CENTER
AREA F DISPOSAL AREA

SETTLEMENT CONTOUR MAP
AREA F DISPOSAL AREA OPTION-2

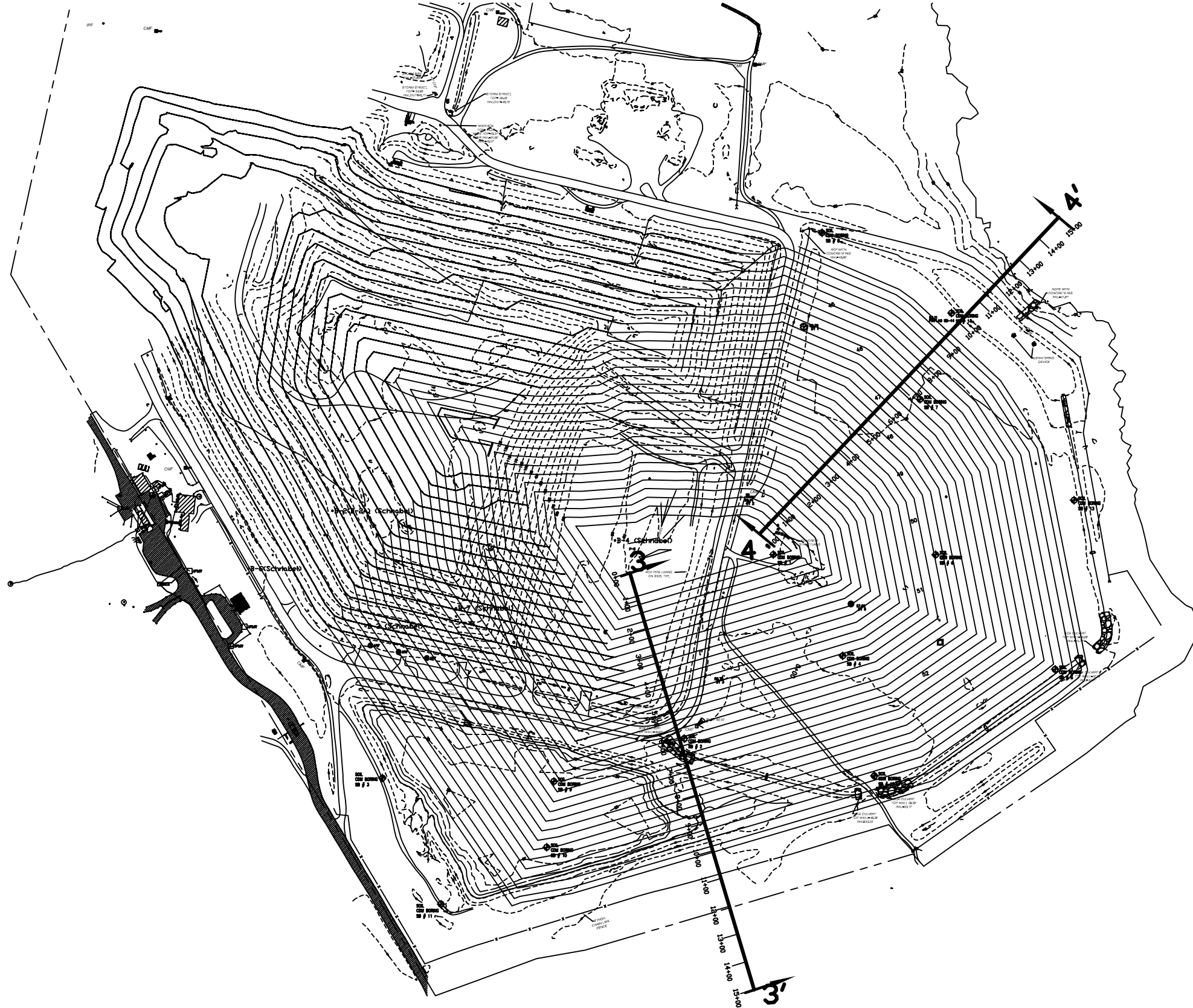
PROJECT NO.5493-60937
 FILE NAME:
 SHEET NO.



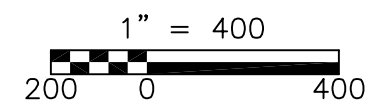
OPTION 1 - SLOPE STABILITY ANALYSIS
CRITICAL CROSS SECTIONS



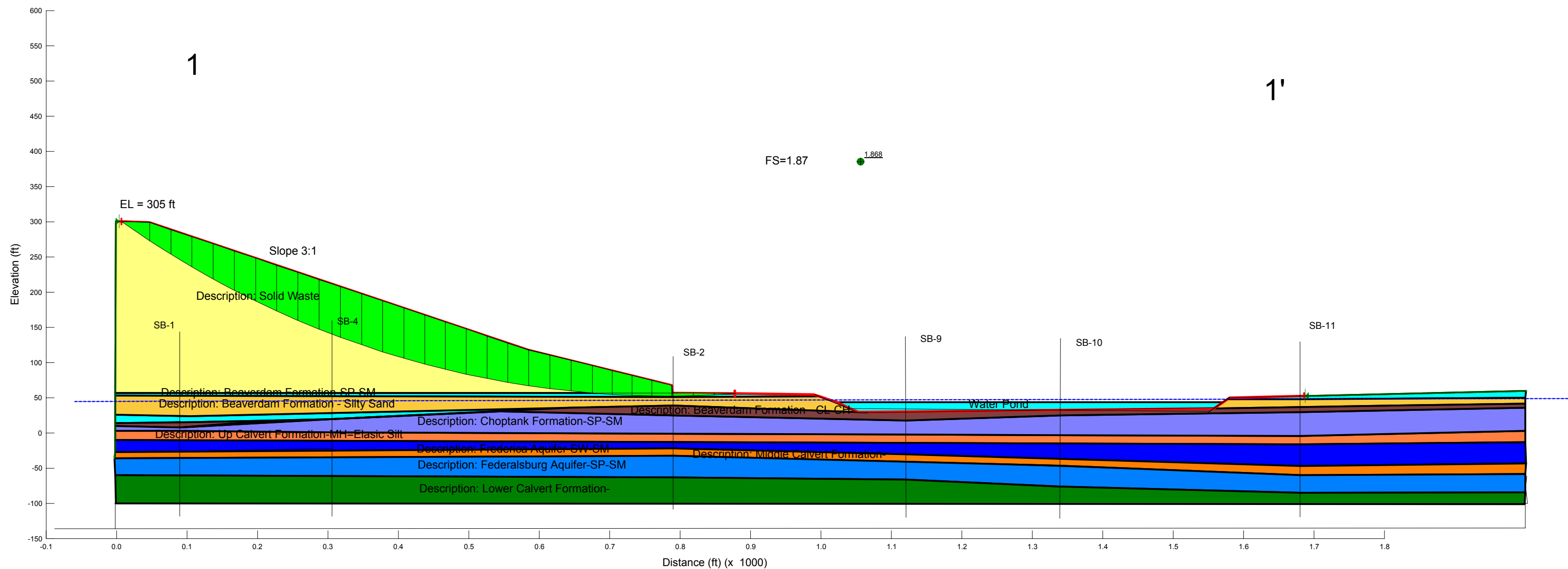
SCALE 1" = 400'



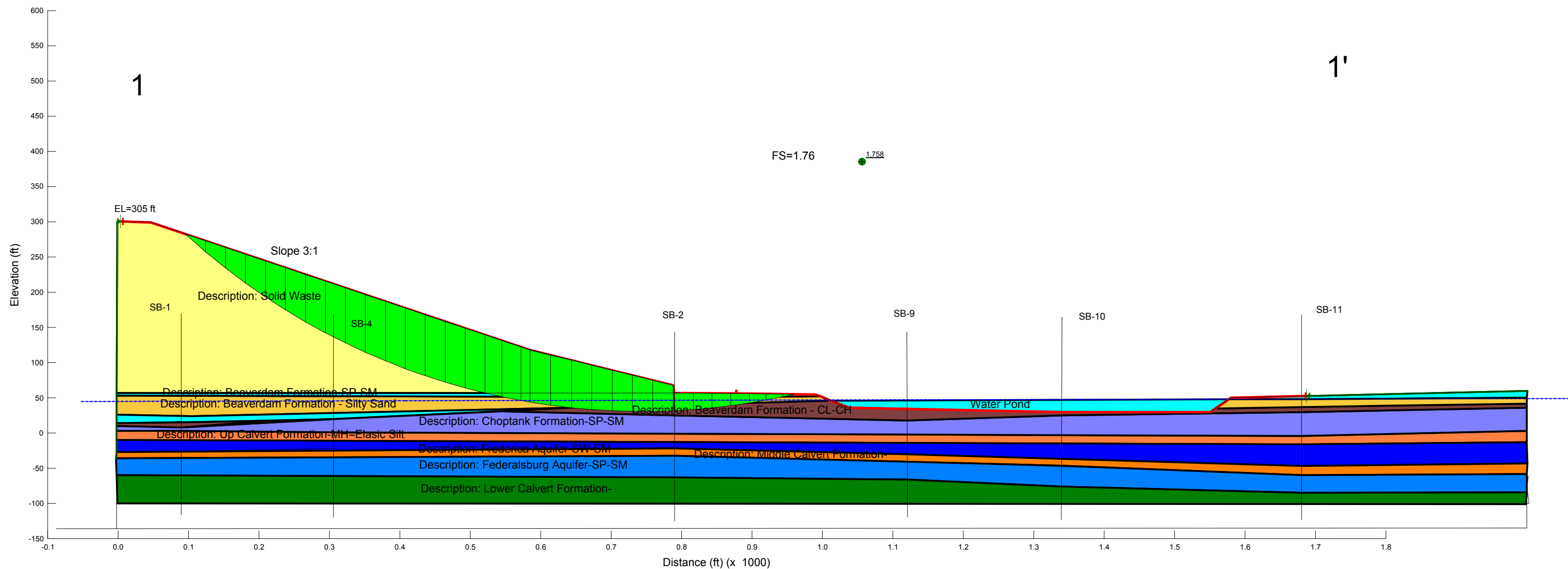
Option 2 - SLOPE STABILITY ANALYSIS
 CRITICAL CROSS SECTIONS



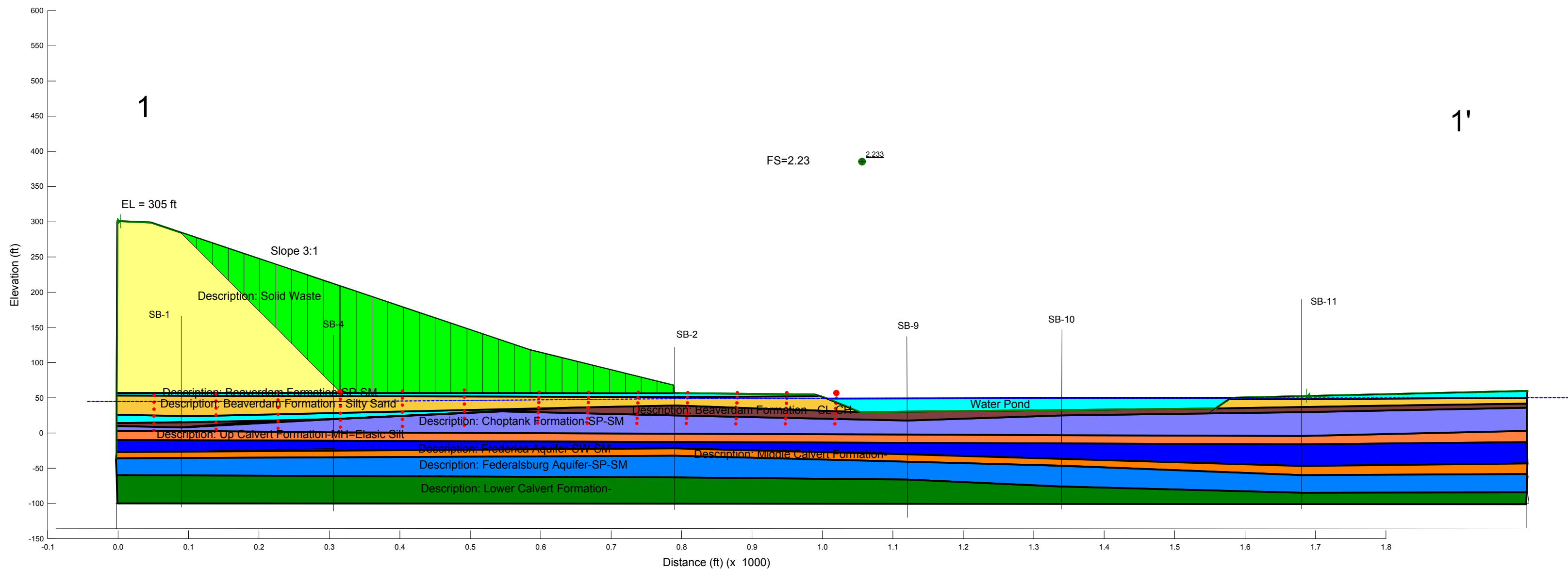
SCALE 1" = 400'



Option 1 - Global Stability Analysis(long-term) for Closure Grade of Area F Cross Section 1



Option 1 -Global Stability Analysis(Short-term) for Closure Grade of Area F Cross Section 1



Option 1 - Block Stability Analysis(long-term) for Closure Grade of Area F Cross Section 1

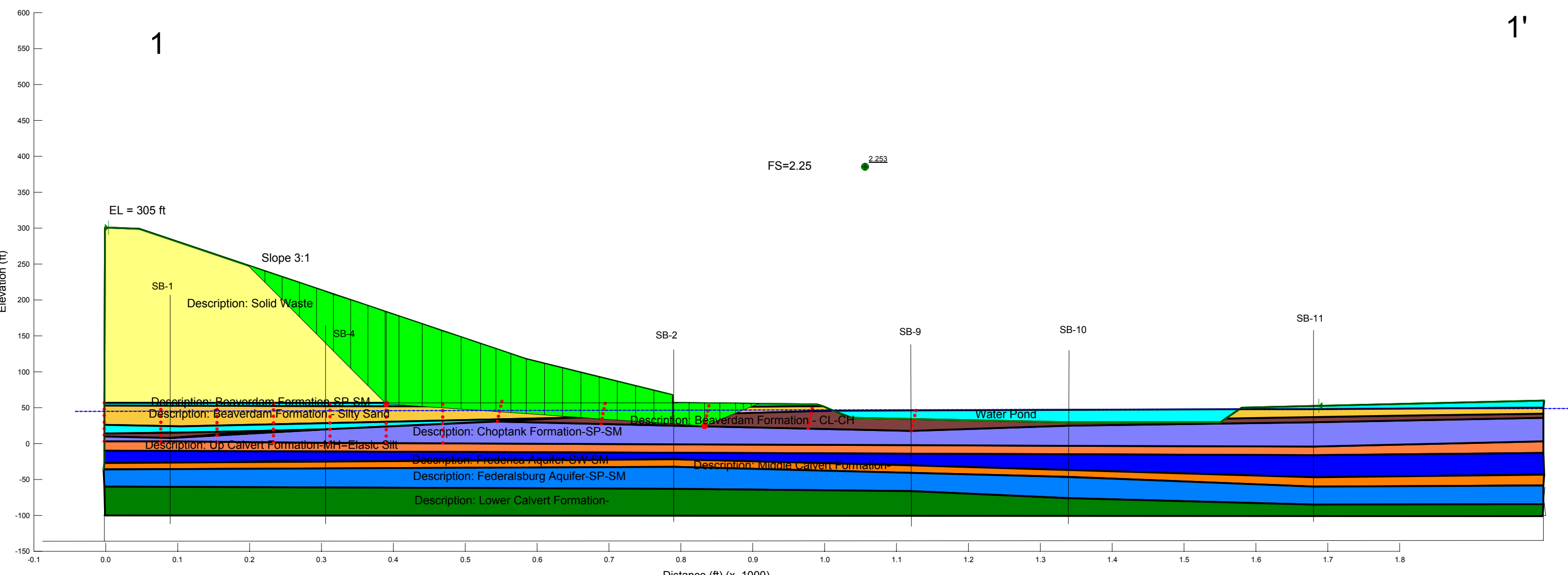


Figure B-11 Option 1 -Block Stability Analysis(Short-term) for Closure Grade of Area F Cross Section 1

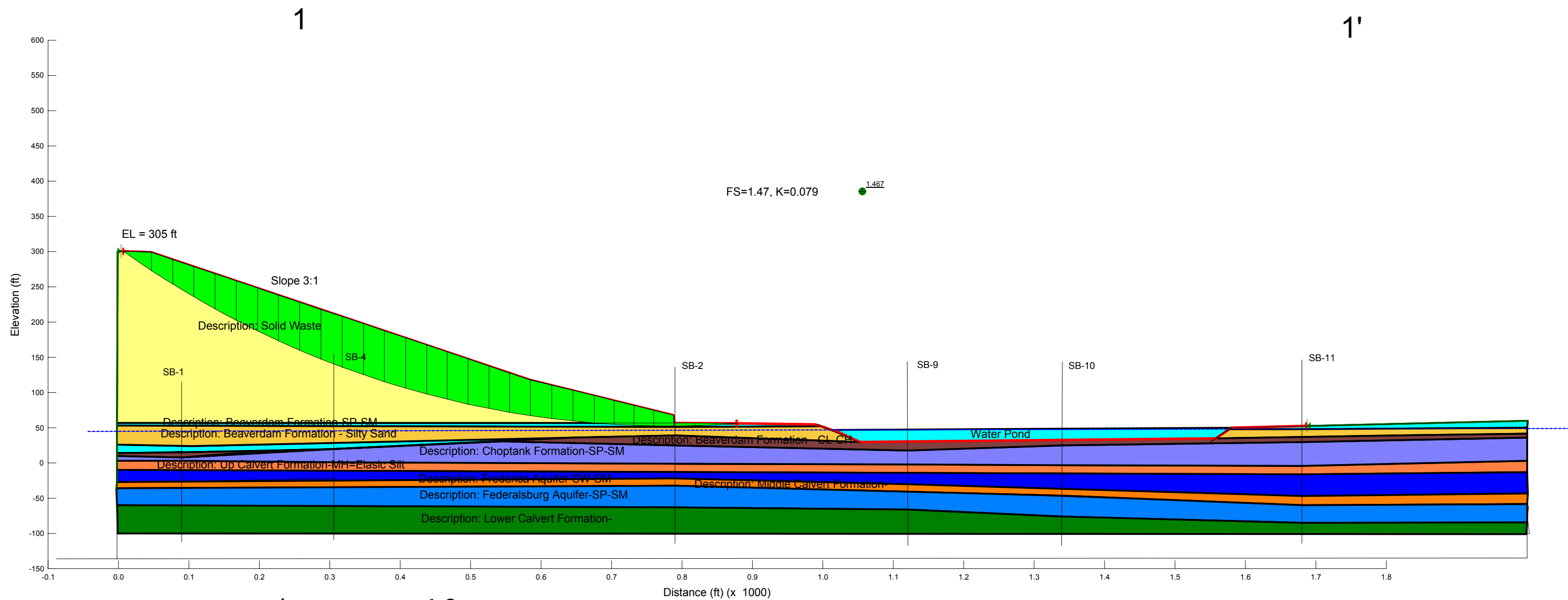


Figure B-12 Option 1 -Seismic Stability Analysis for Closure Grade of Area F Cross Section 1

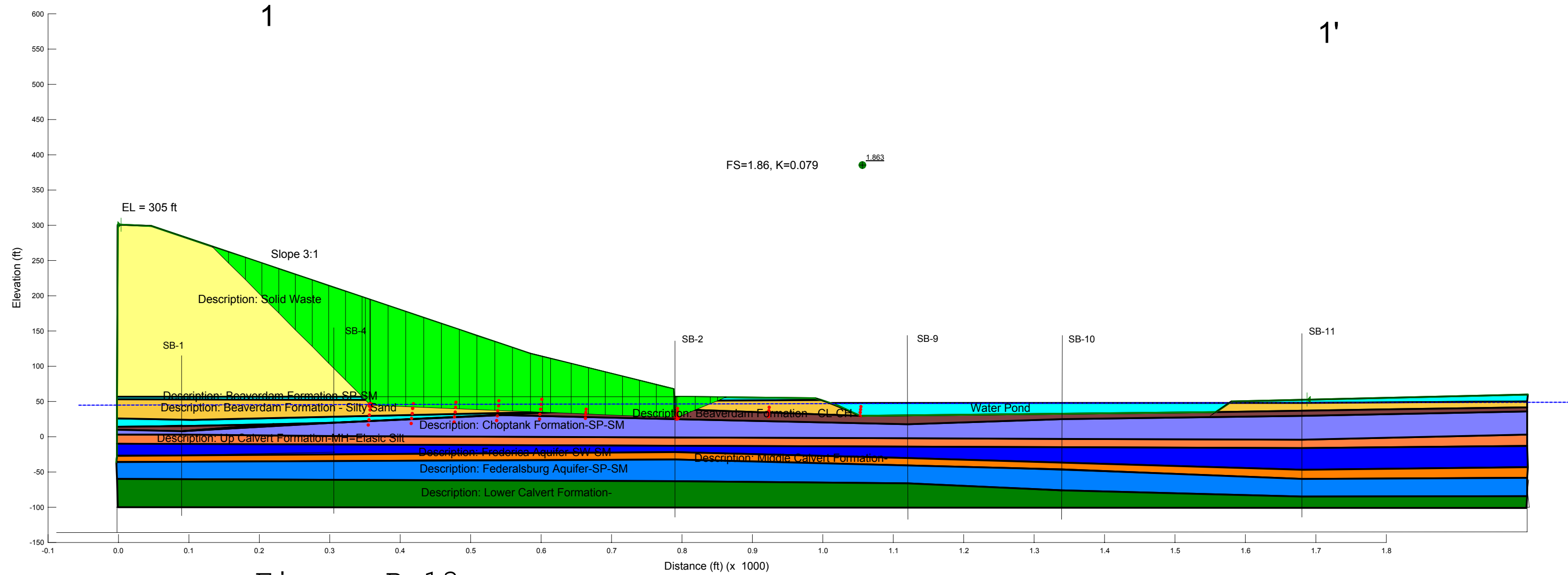


Figure B-13 Option 1 -Seismic Stability Analysis (Block) for Closure Grade of Area F Cross Section 1

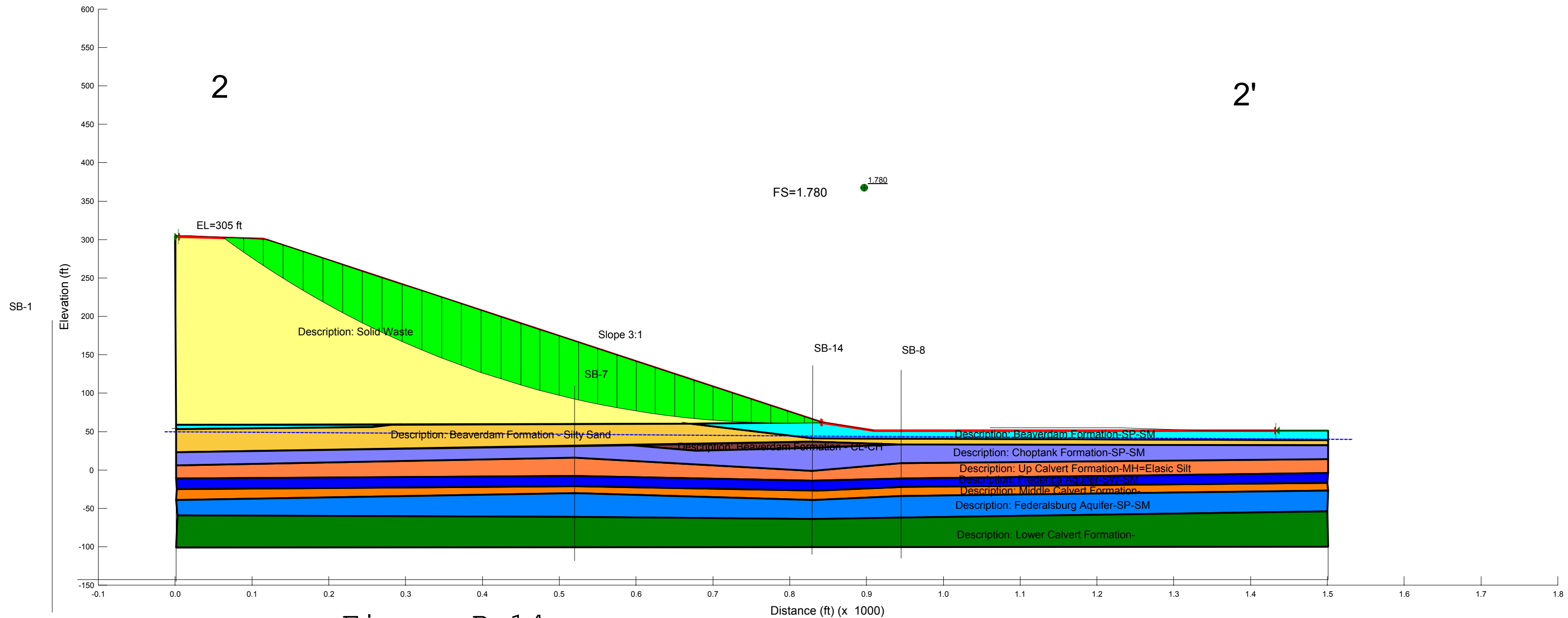


Figure B-14 Option 1 -Global Stability Analysis (Long-term) for Closure Grade of Area F Cross Section 2

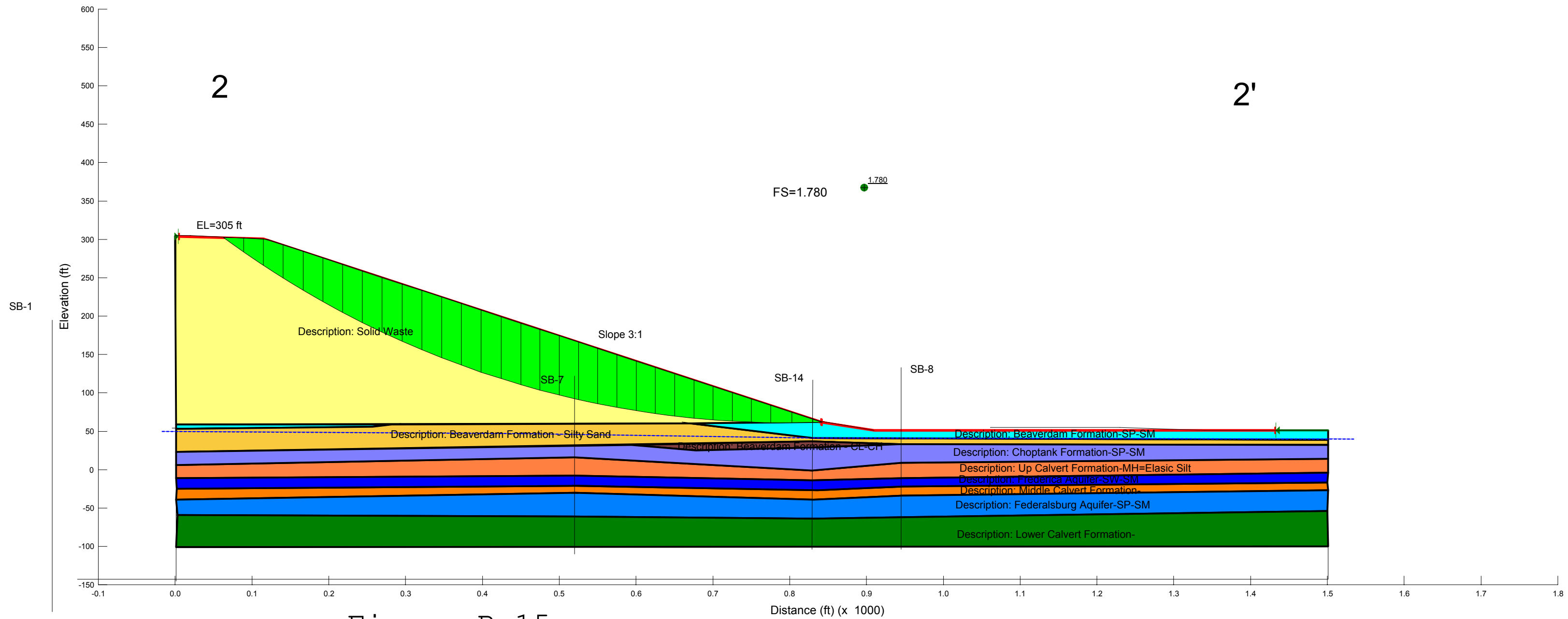


Figure B-15 Option 1 - Global Stability Analysis (Short-term) for Closure Grade of Area F Cross Section 2

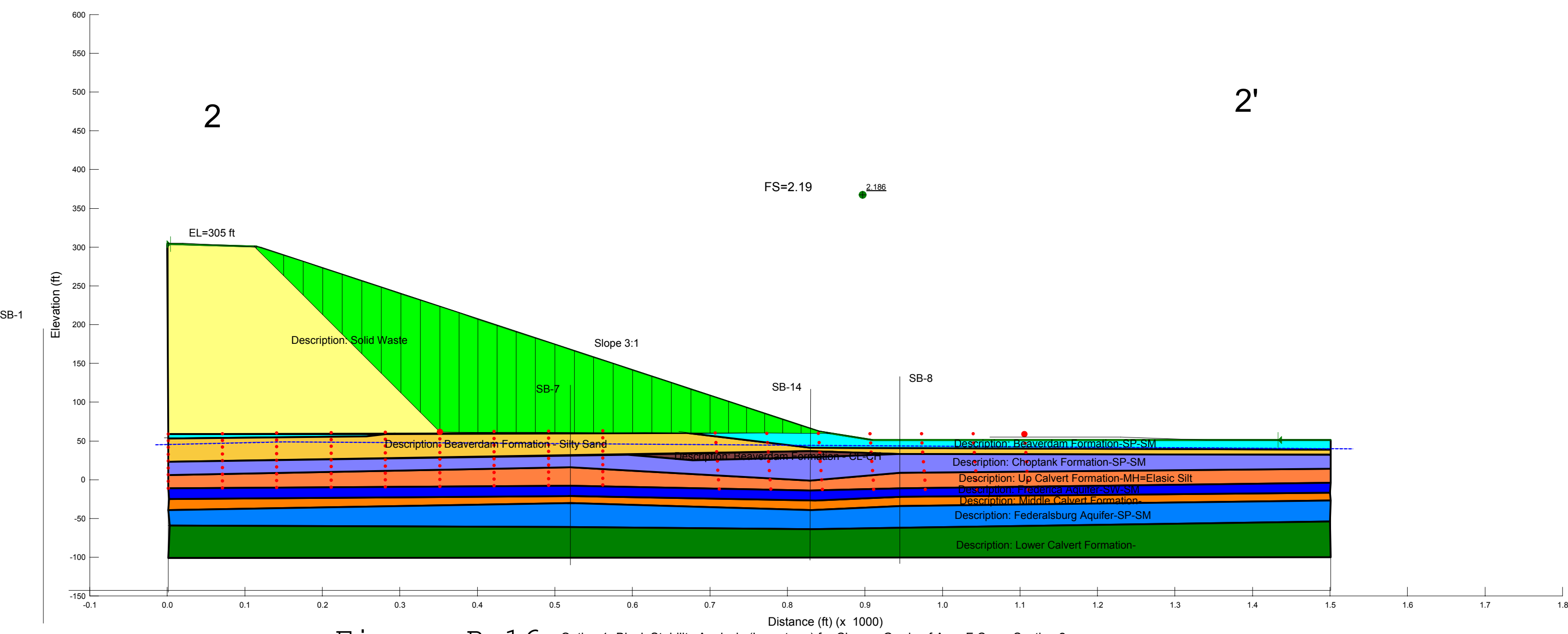


Figure B-16 Option 1 -Block Stability Analysis (Long-term) for Closure Grade of Area F Cross Section 2

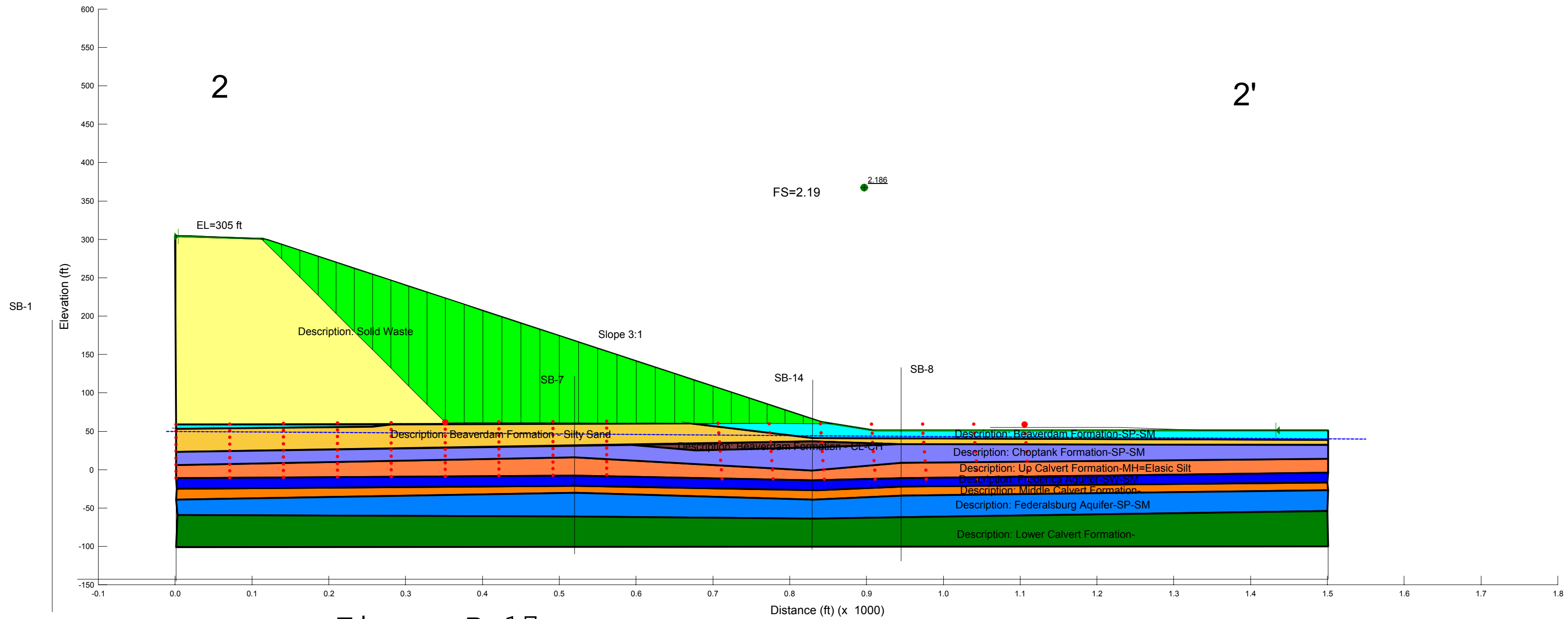


Figure B-17 Option 1 -Block Stability Analysis (Short-term) for Closure Grade of Area F Cross Section 2

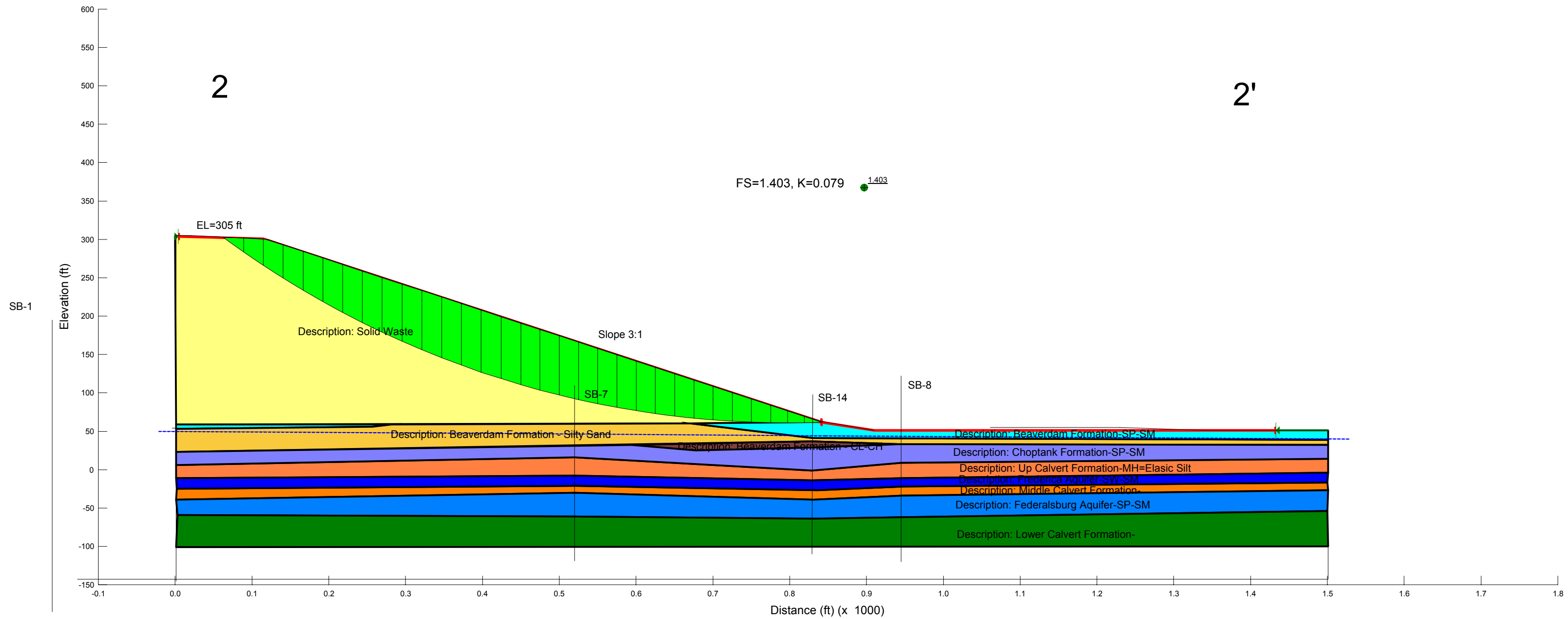


Figure B-18 Option 1 - Seismic Stability Analysis for Closure Grade of Area F Cross Section 2

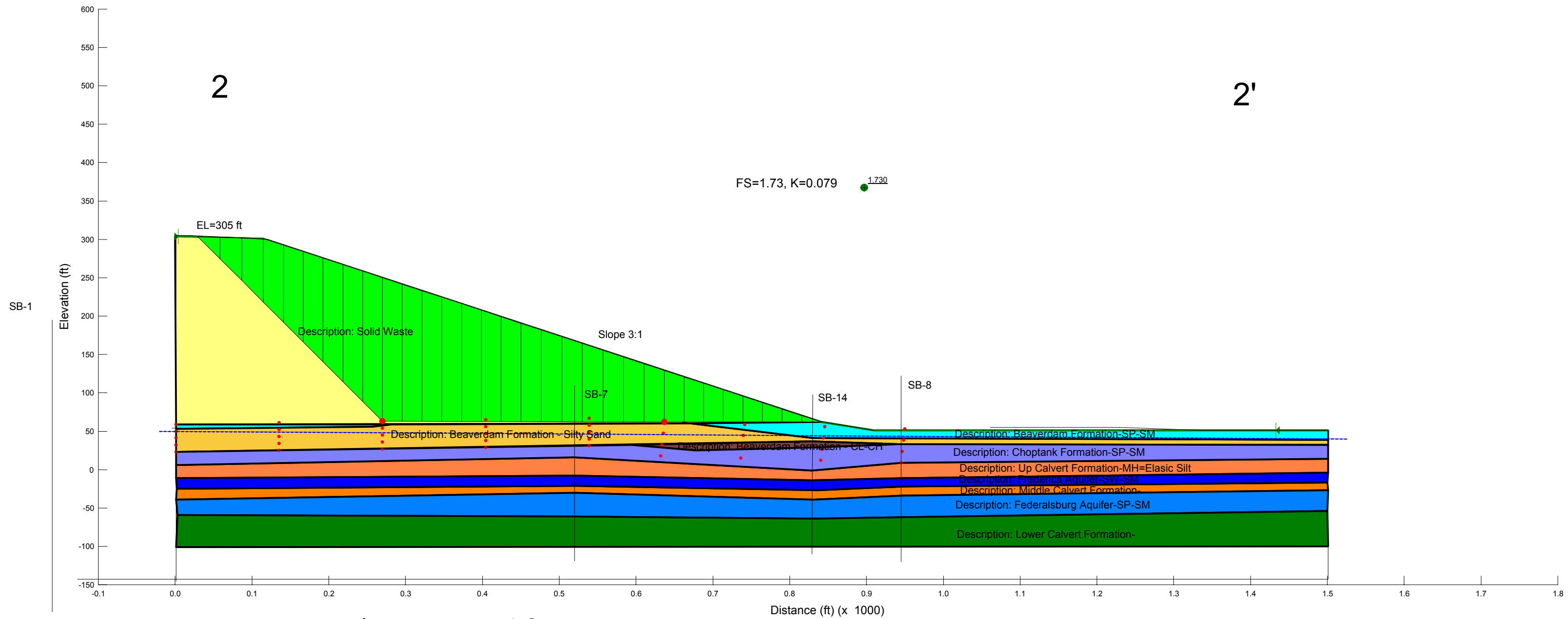


Figure B-19 Option 1 - Seismic Stability Analysis (Block) for Closure Grade of Area F Cross Section 2

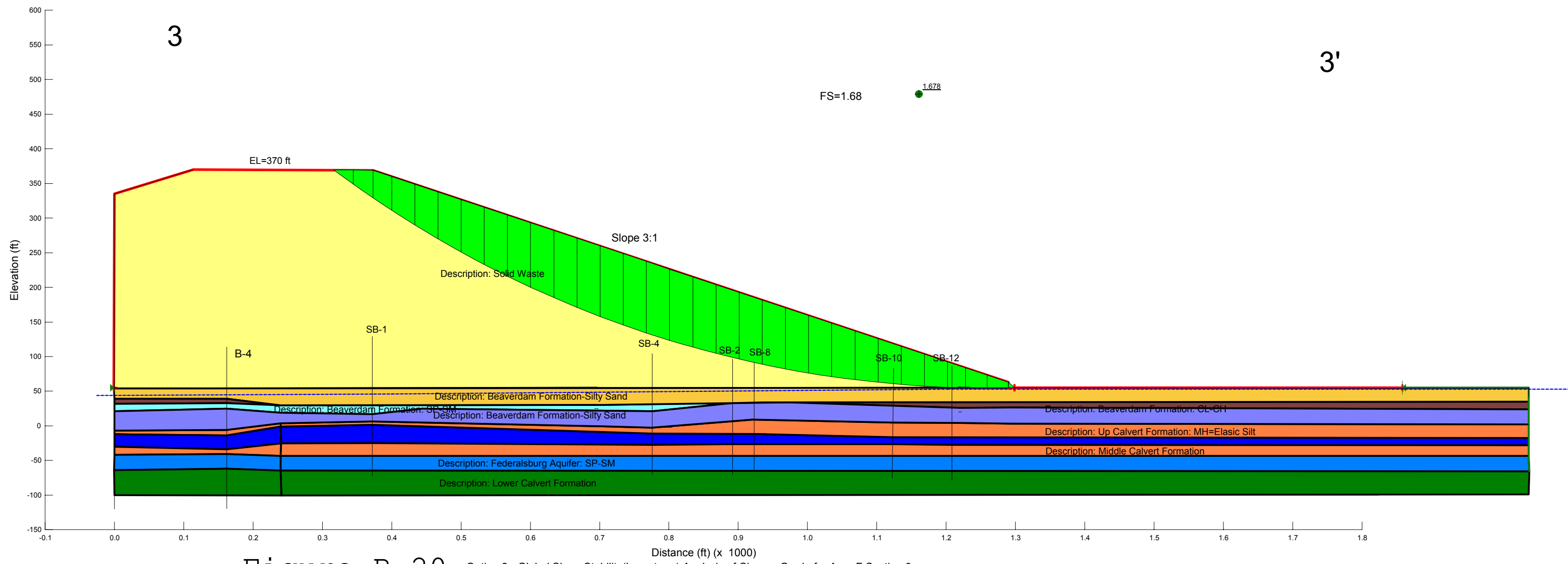


Figure B-20 Option 2 - Global Slope Stability(Long-term) Analysis of Closure Grade for Area F Section 3

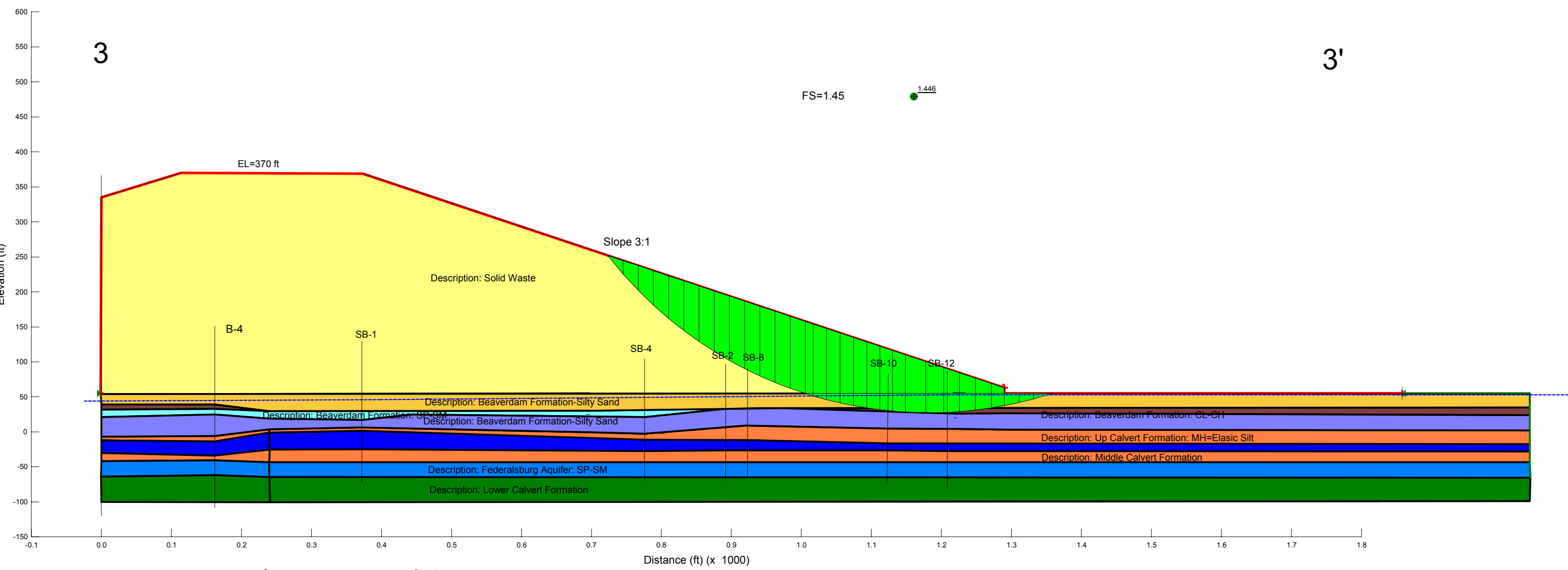


Figure B-21 Option 2 - Global Slope Stability (Short-term) Analysis of Closure Grade for Area F Section 3

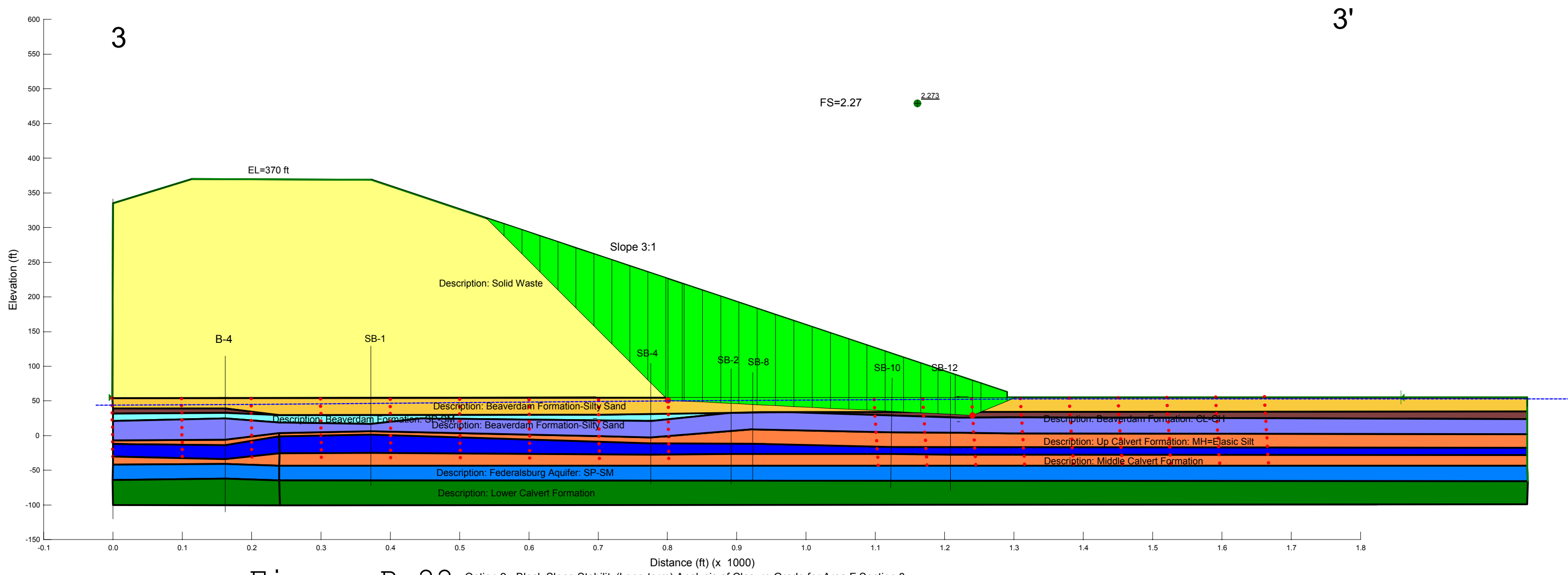


Figure B-22 Option 2 - Block Slope Stability(Long-term) Analysis of Closure Grade for Area F Section 3

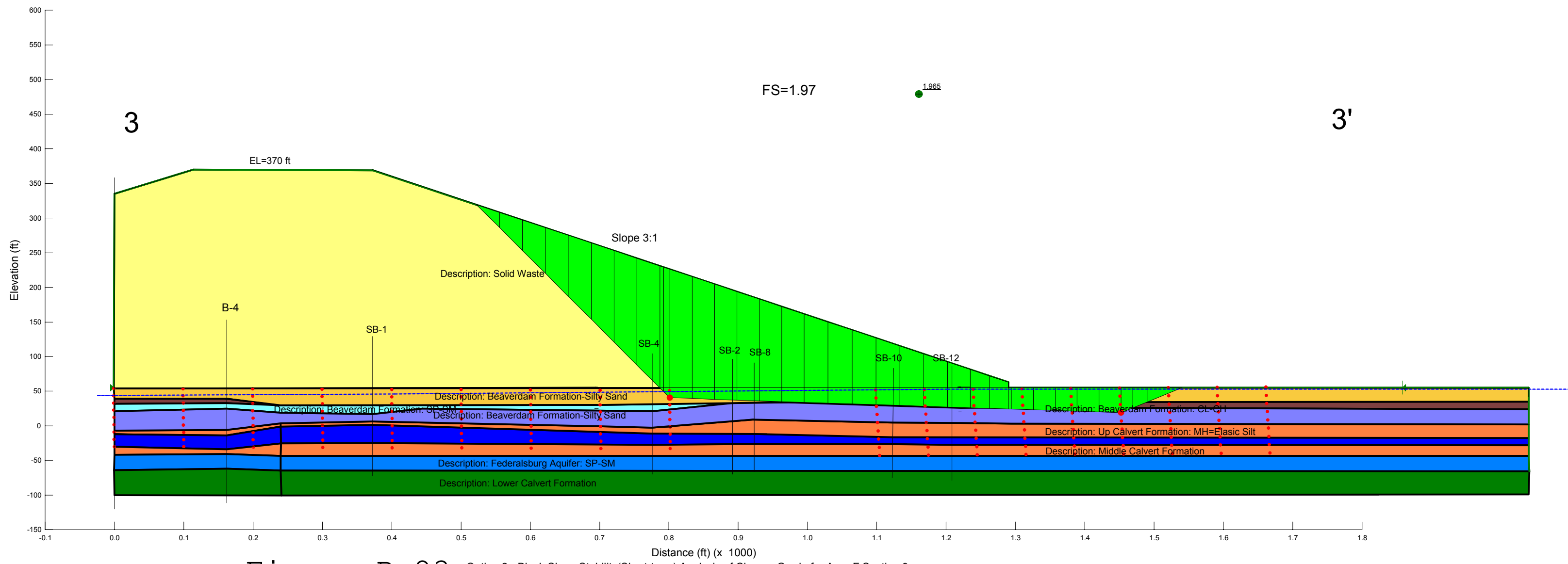


Figure B-23 Option 2 - Block Slope Stability(Short-term) Analysis of Closure Grade for Area F Section 3

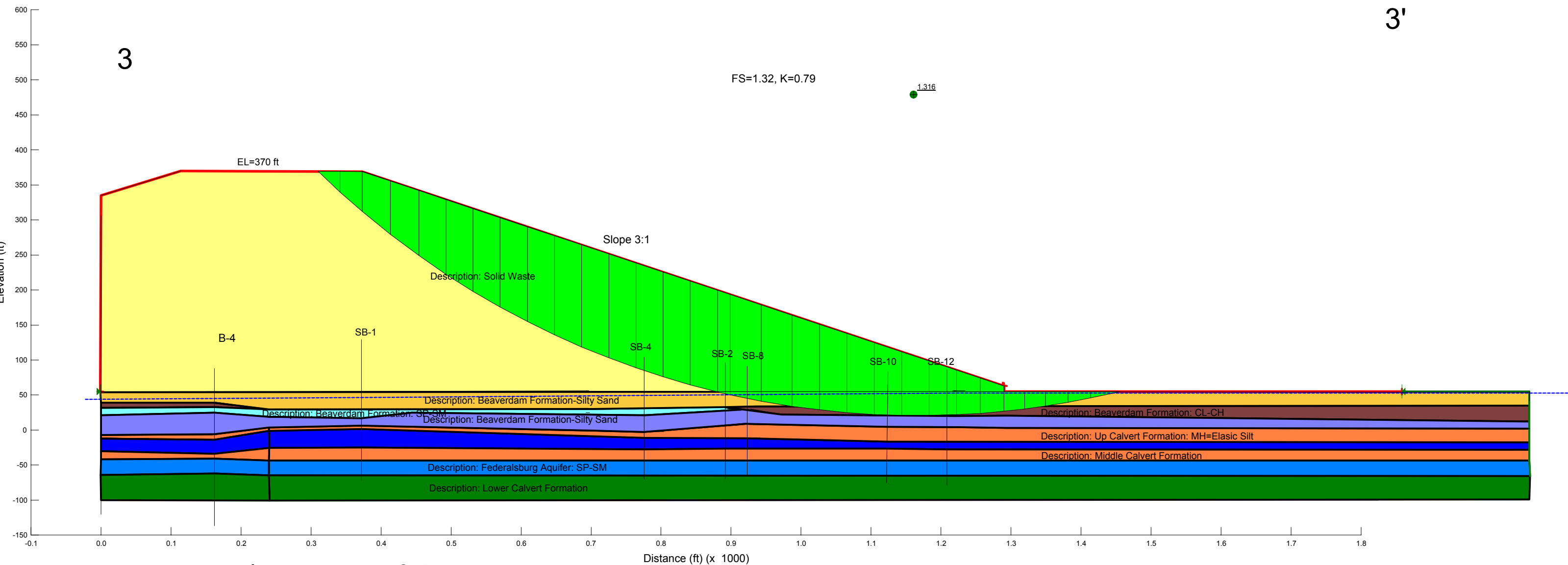


Figure B-24 Option 2 - Seismic Slope Stability Analysis of Closure Grade for Area F Section 3

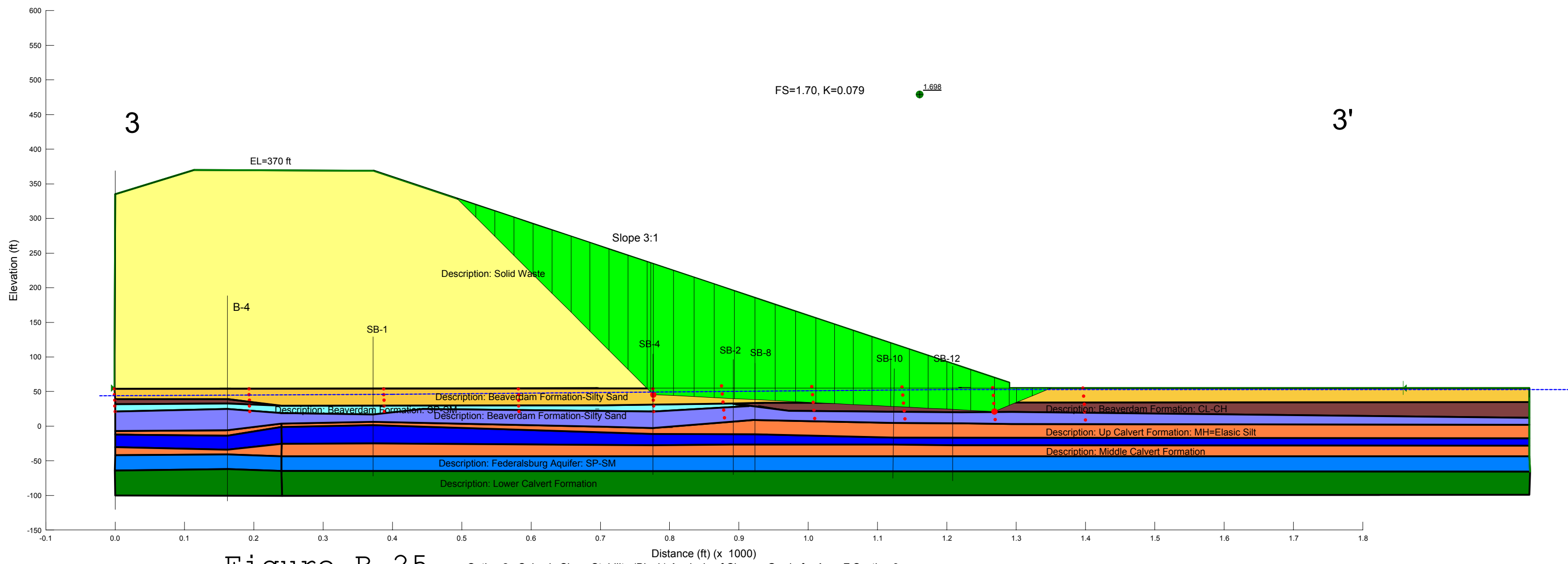


Figure B-25

Option 2 - Seismic Slope Stability (Block) Analysis of Closure Grade for Area F Section 3

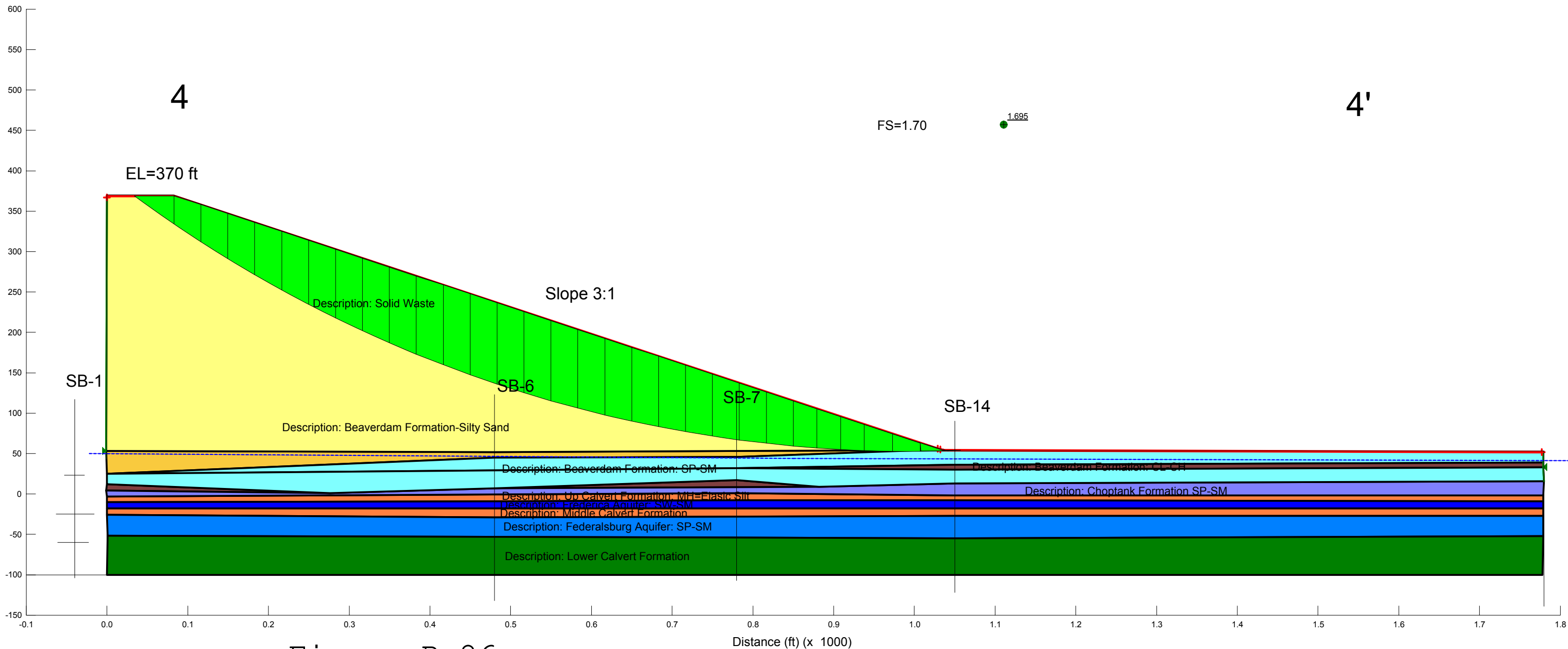


Figure B-26 Option 2 - Global Stability Analysis(Long-term) of Closure Grade- Cross Section 4

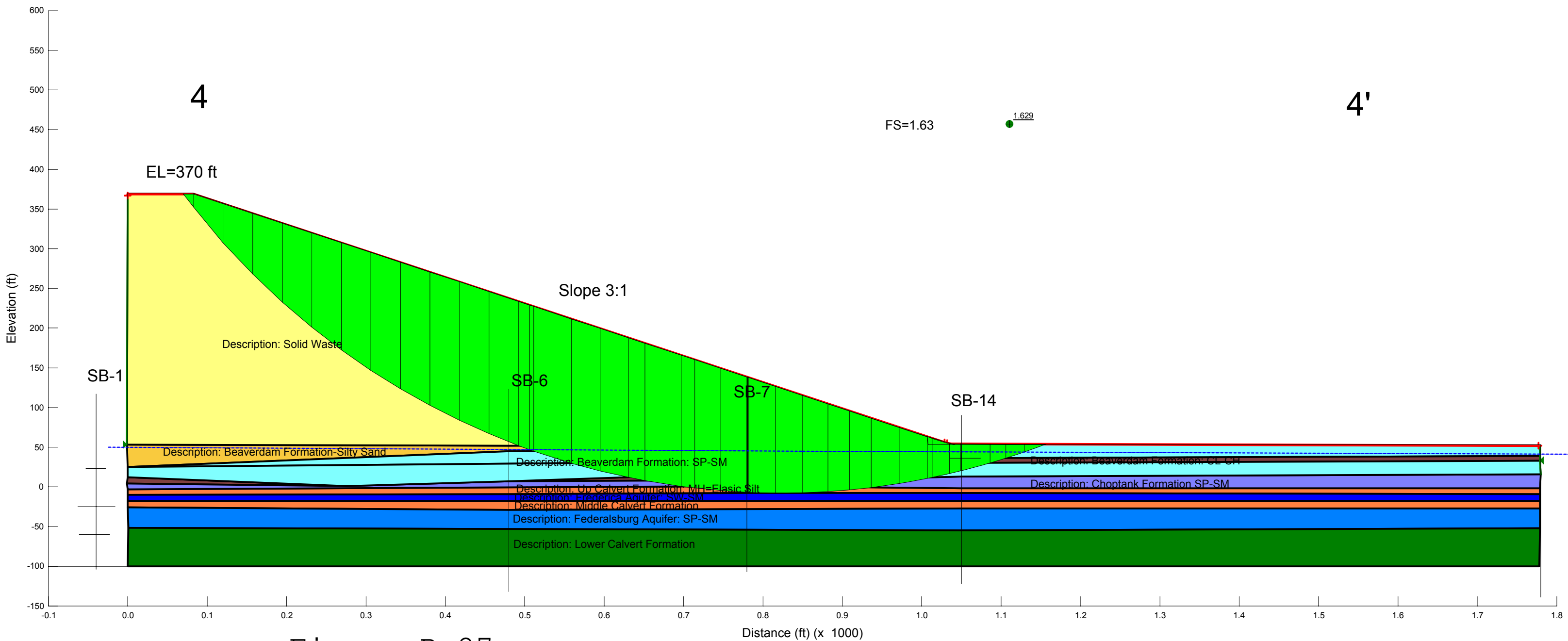


Figure B-27

Option 2 - Global Stability Analysis (Short-term) of Closure Grade- Cross Section 4

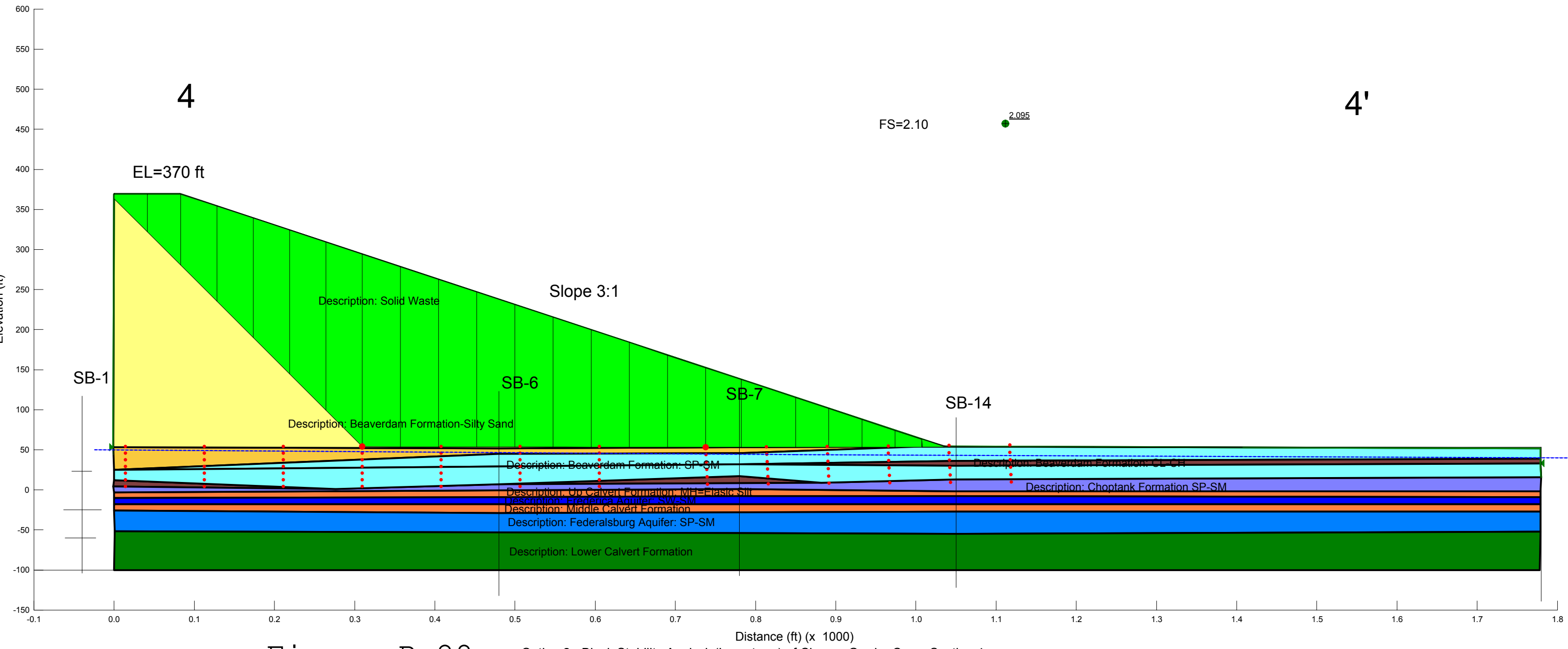


Figure B-28

Option 2 - Block Stability Analysis(Long-term) of Closure Grade- Cross Section 4

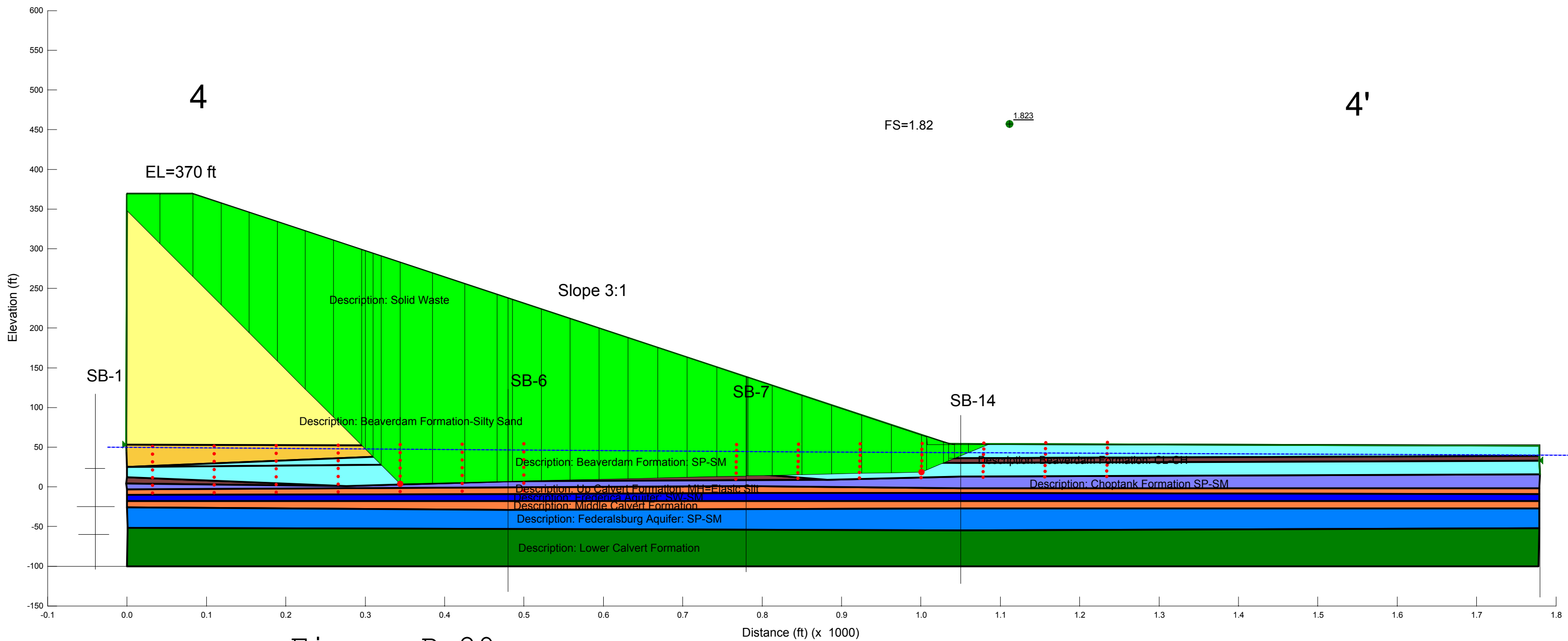


Figure B-29

Option 2 - Block Stability Analysis (Short-term) of Closure Grade- Cross Section 4

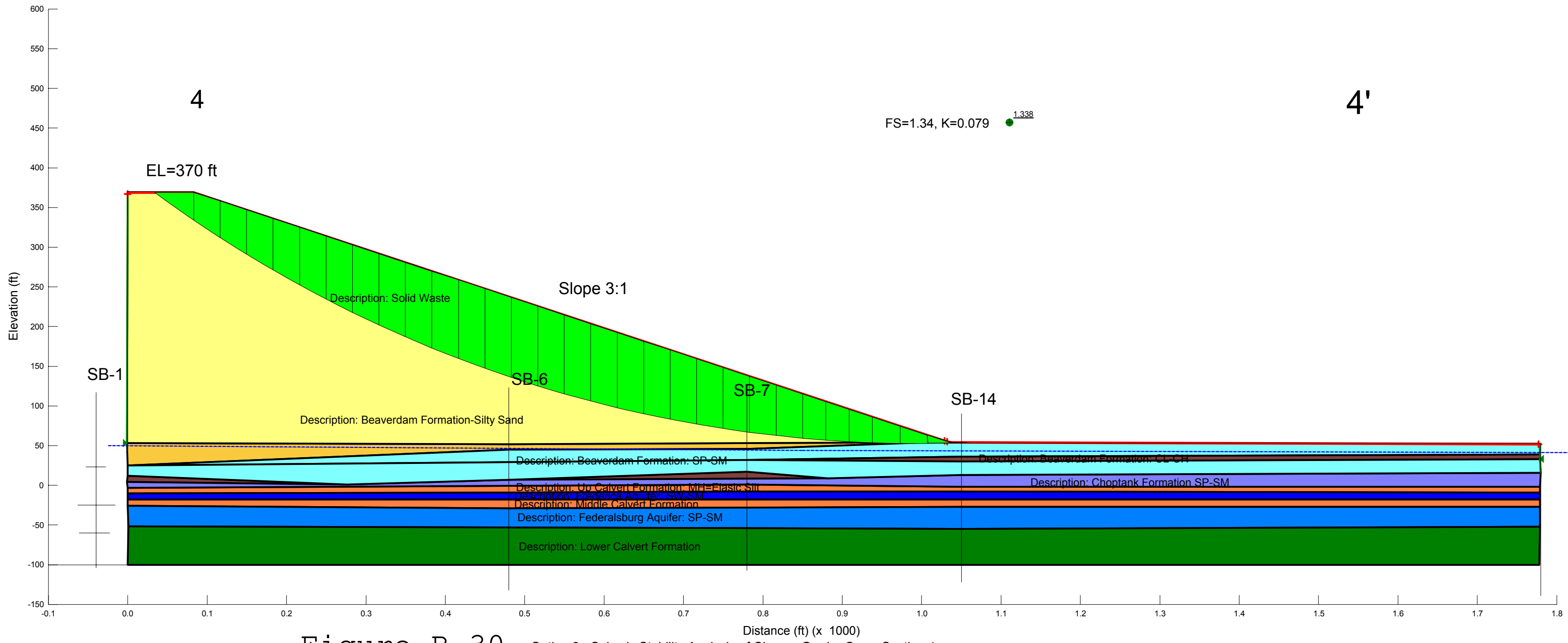


Figure B-30 Option 2 - Seismic Stability Analysis of Closure Grade- Cross Section 4

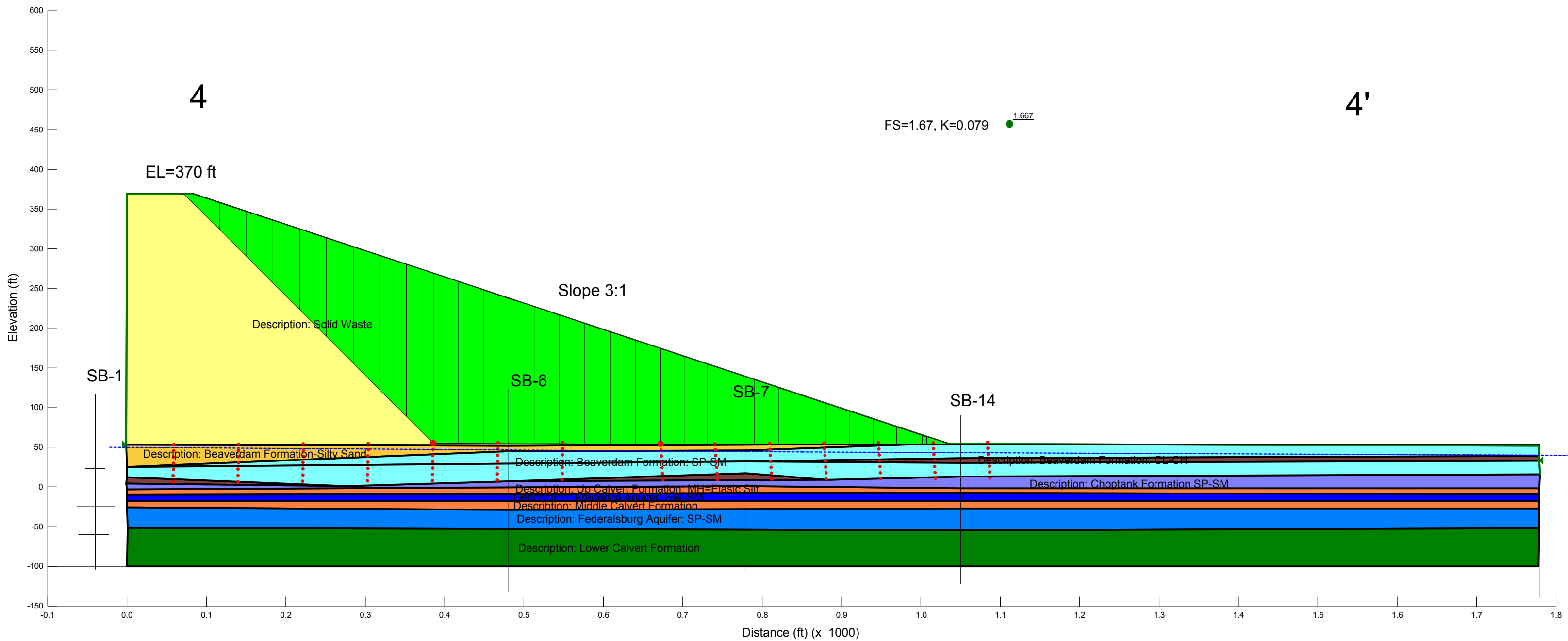


Figure B-31 Option 2 - Seismic Stability Analysis (Block) of Closure Grade- Cross Section 4