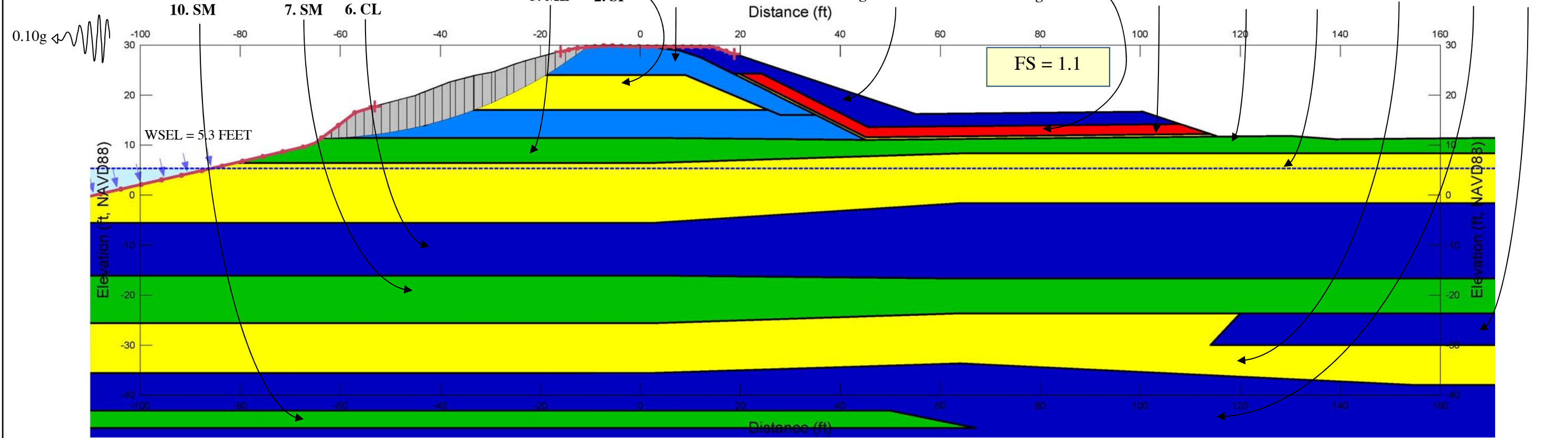
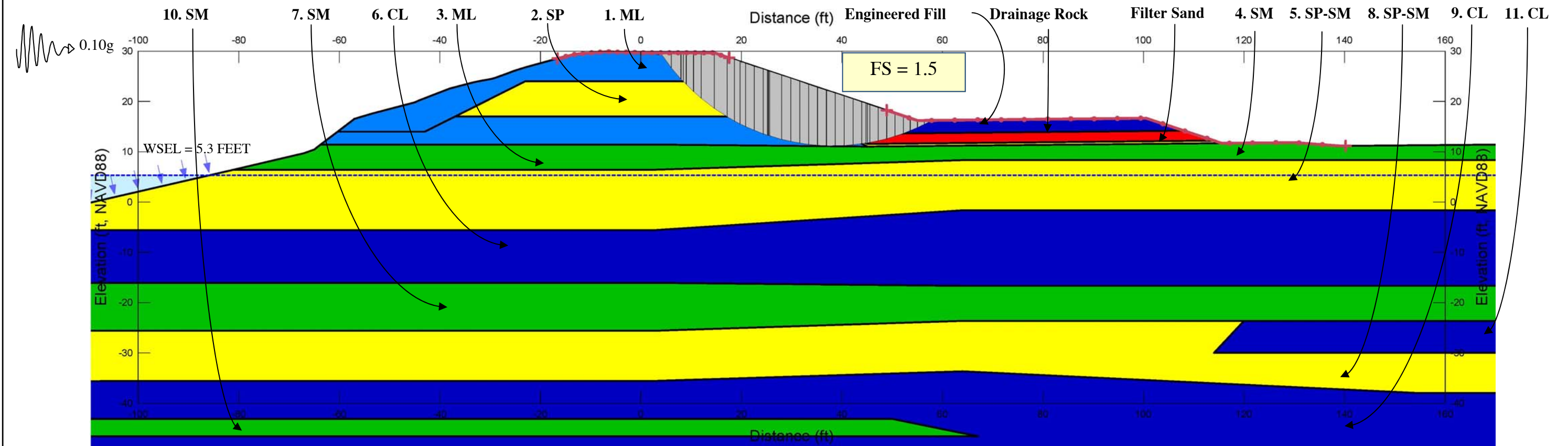


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



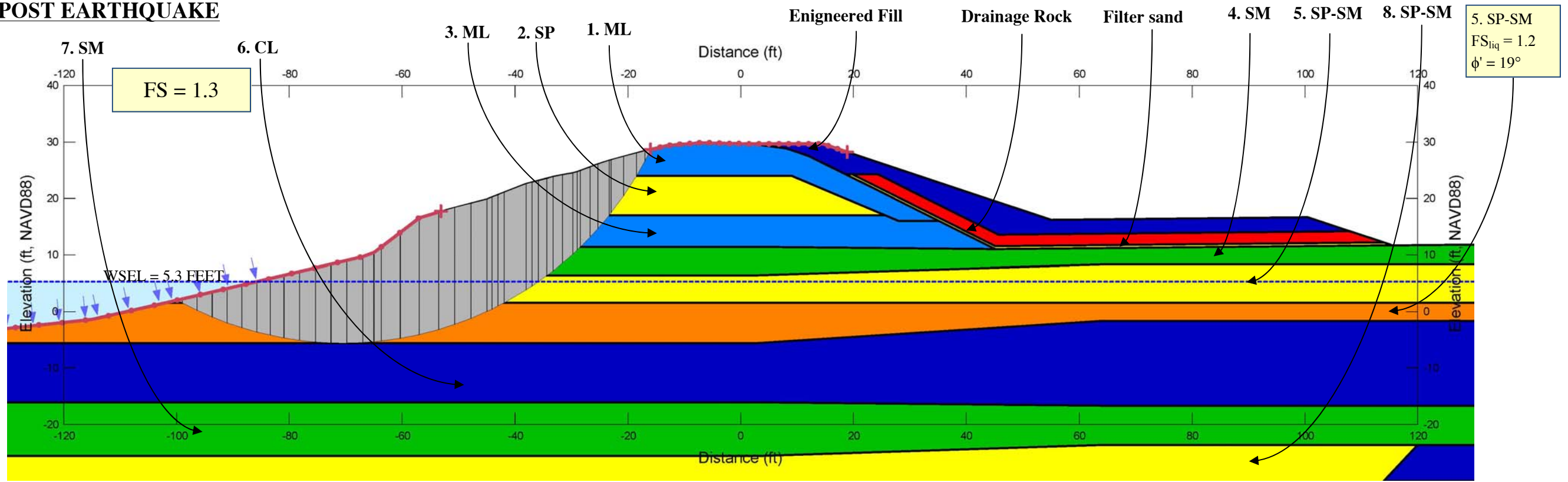
SEISMIC SLOPE STABILITY ANALYSIS
 REACH J3B - STA 553+71
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

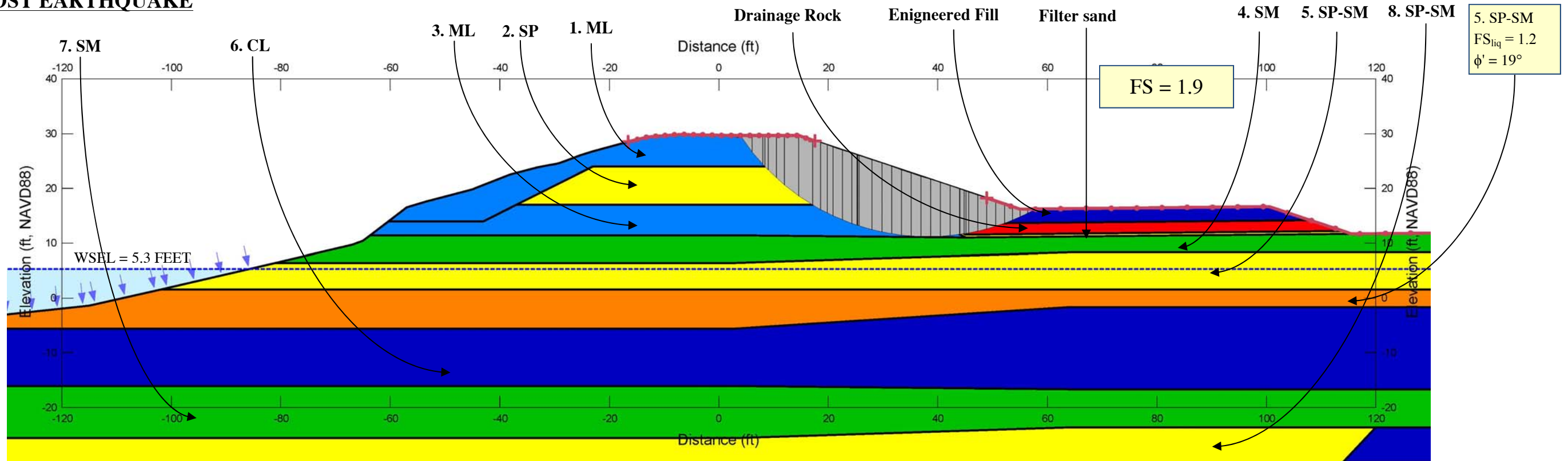
FIGURE NO.
E-38-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



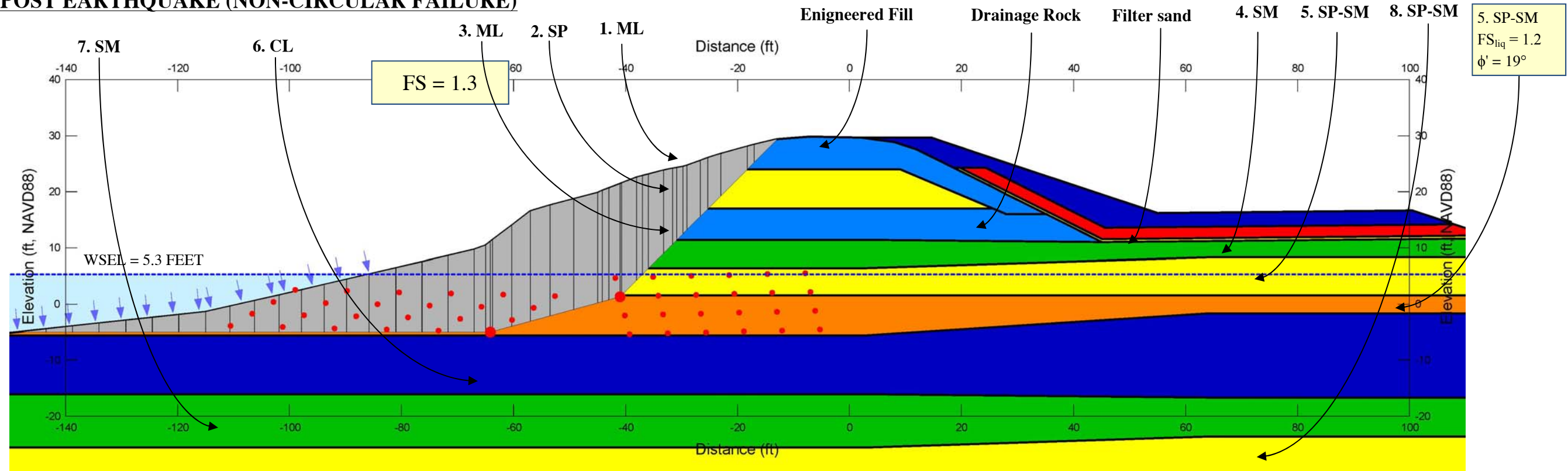
LANDSIDE POST EARTHQUAKE



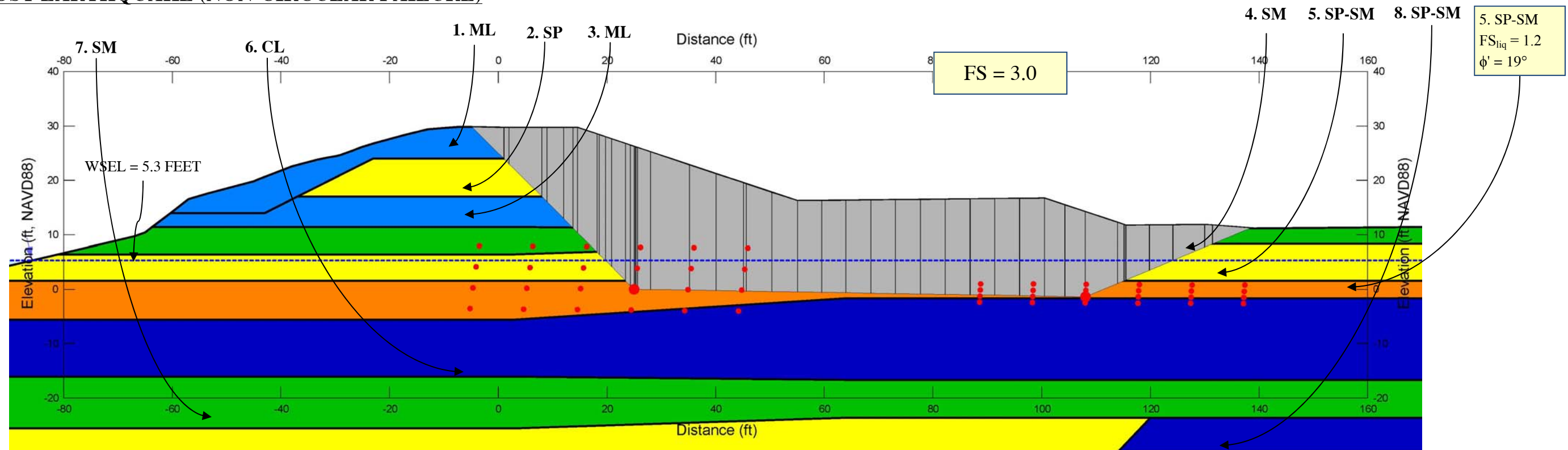
	SEISMIC SLOPE STABILITY ANALYSIS REACH J3B - STA 553+71 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-38-G
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: CC	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



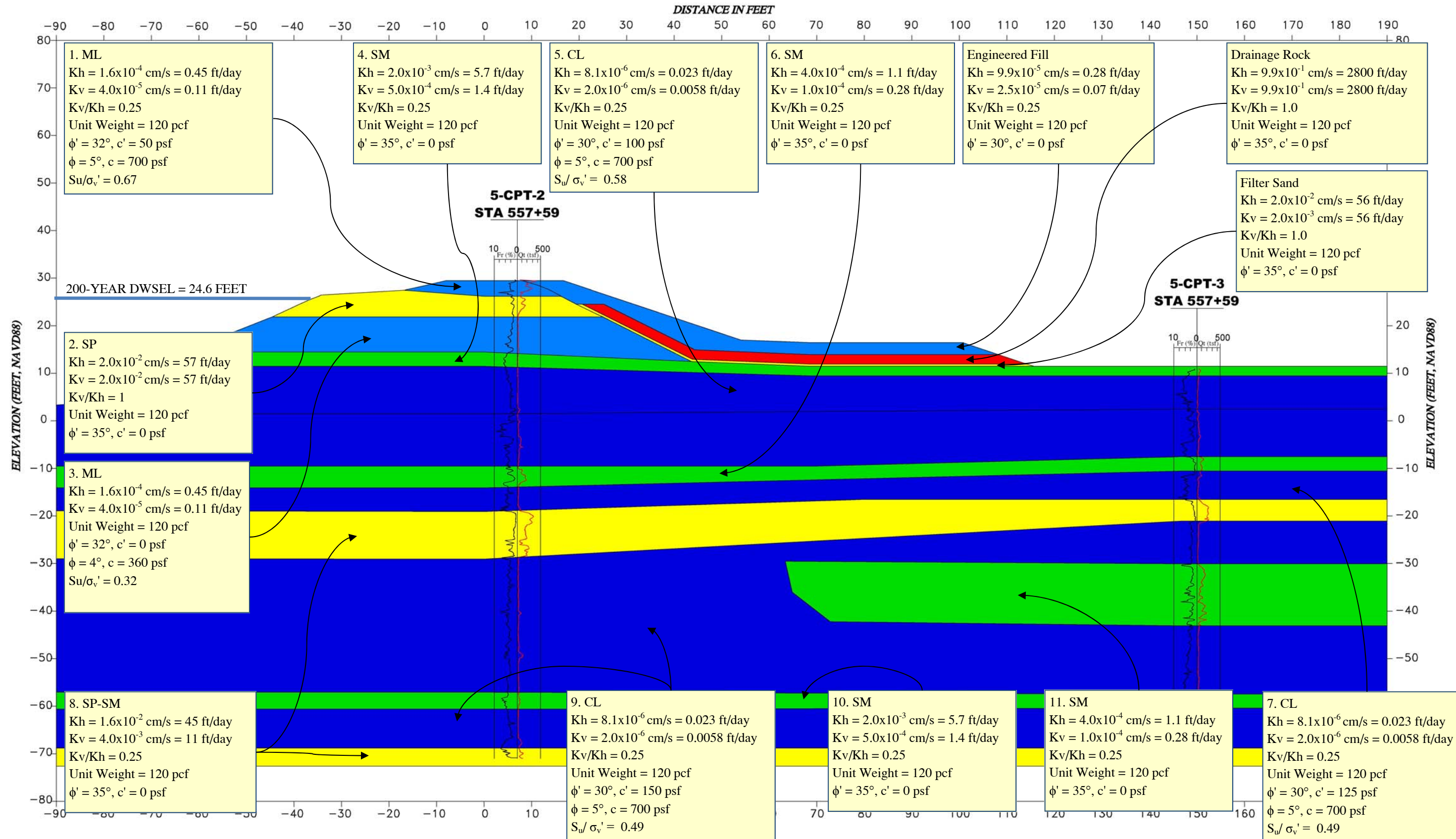
SEISMIC SLOPE STABILITY ANALYSIS
REACH J3B - STA 553+71
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	CC

FIGURE NO.
E-38-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



SEEPAGE ANALYSIS
 REACH J3C - STA 557+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000

SCALE: NO SCALE

DRAWN BY: MH

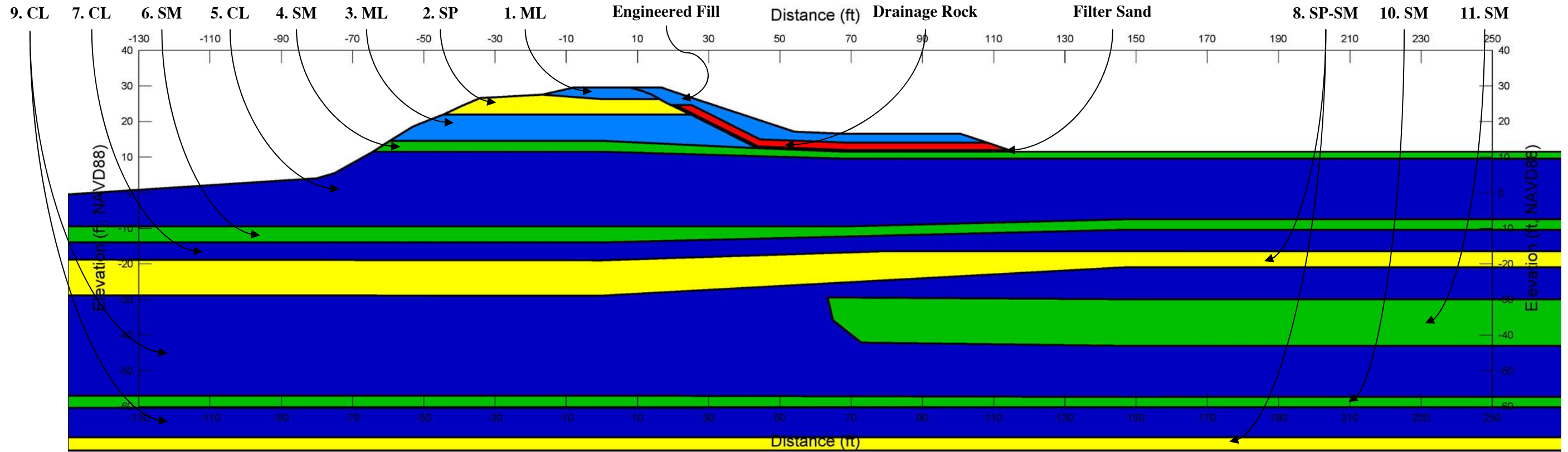
CHECKED BY: NS

FIGURE NO.

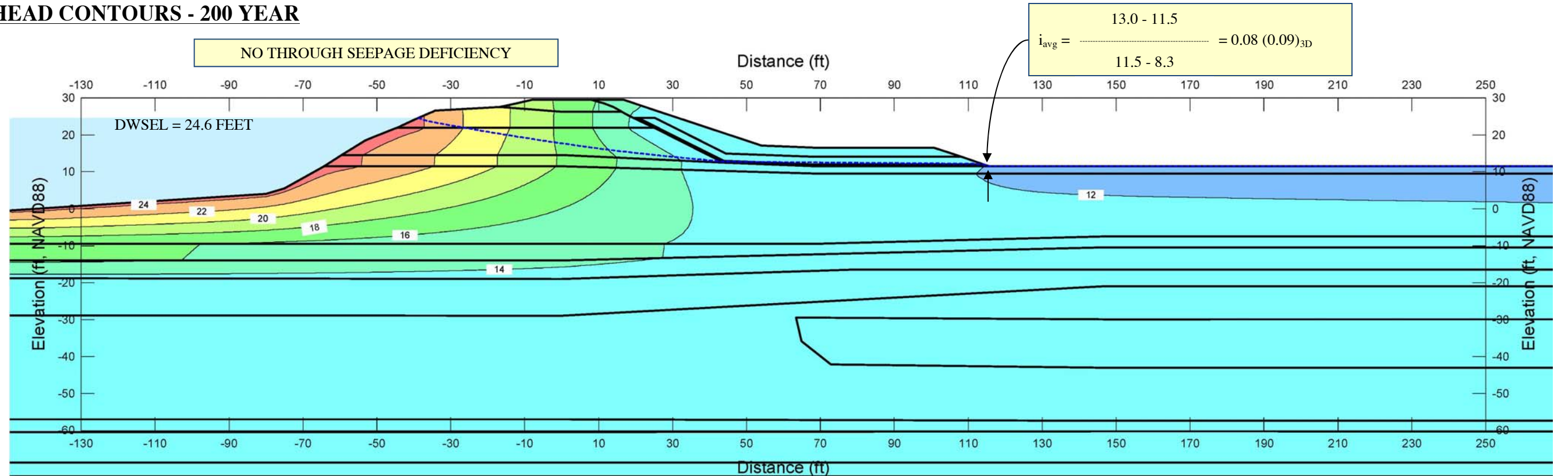
E-39-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



Note: 3D seepage effects are accounted for.



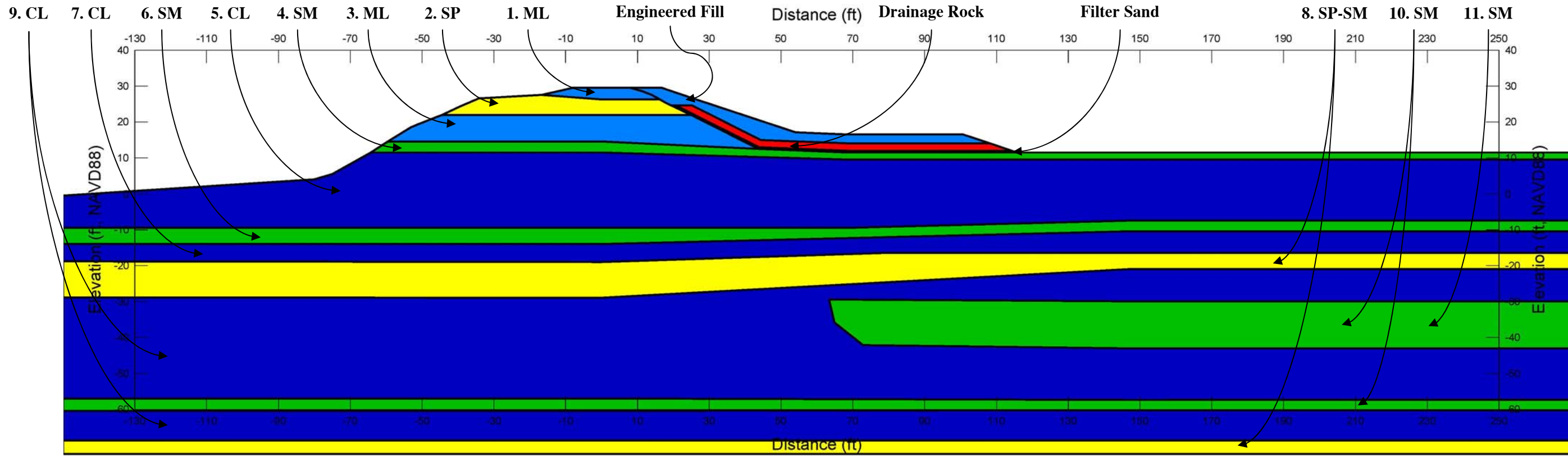
SEEPAGE ANALYSIS
 REACH J3C - STA 557+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

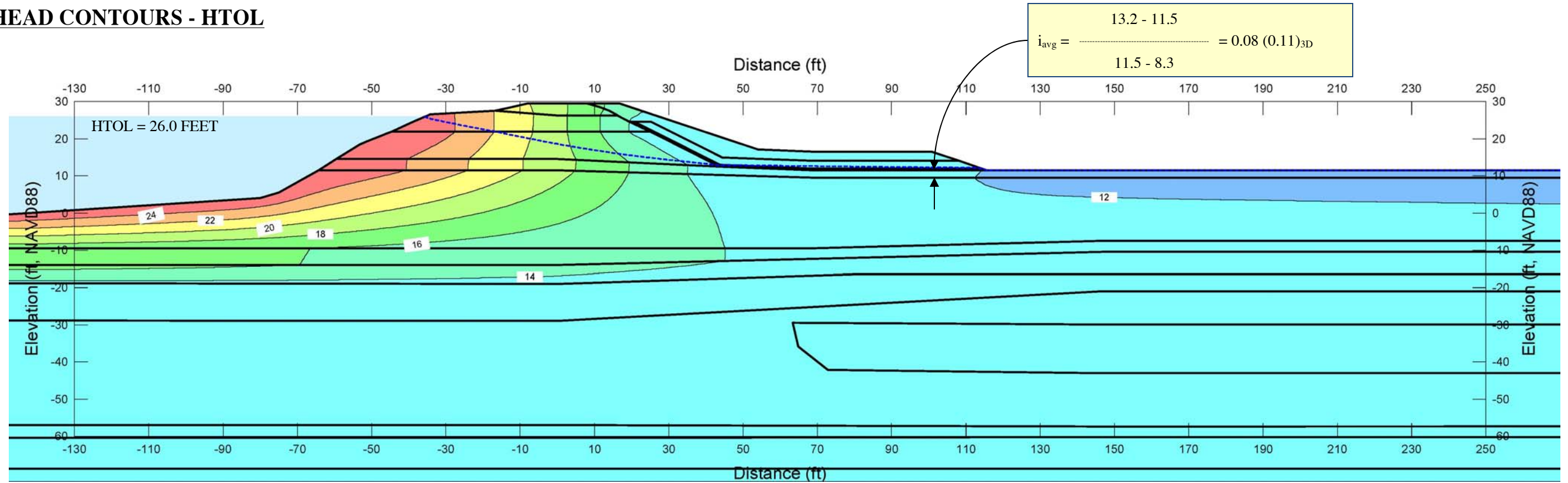
FIGURE NO.
E-39-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

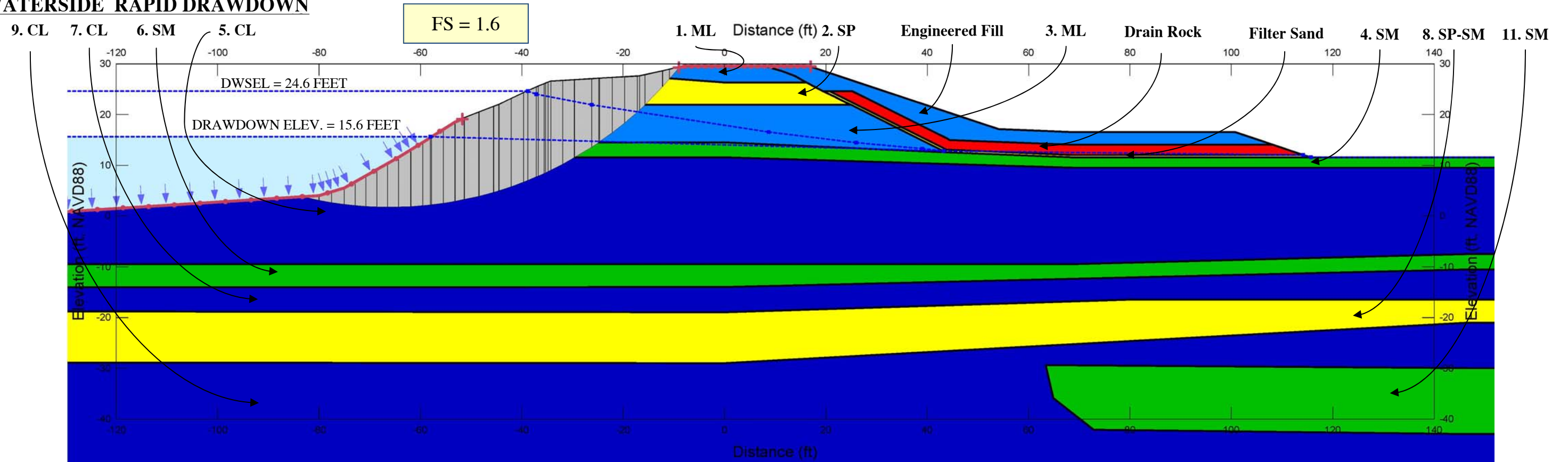


Note: 3D seepage effects are accounted for.

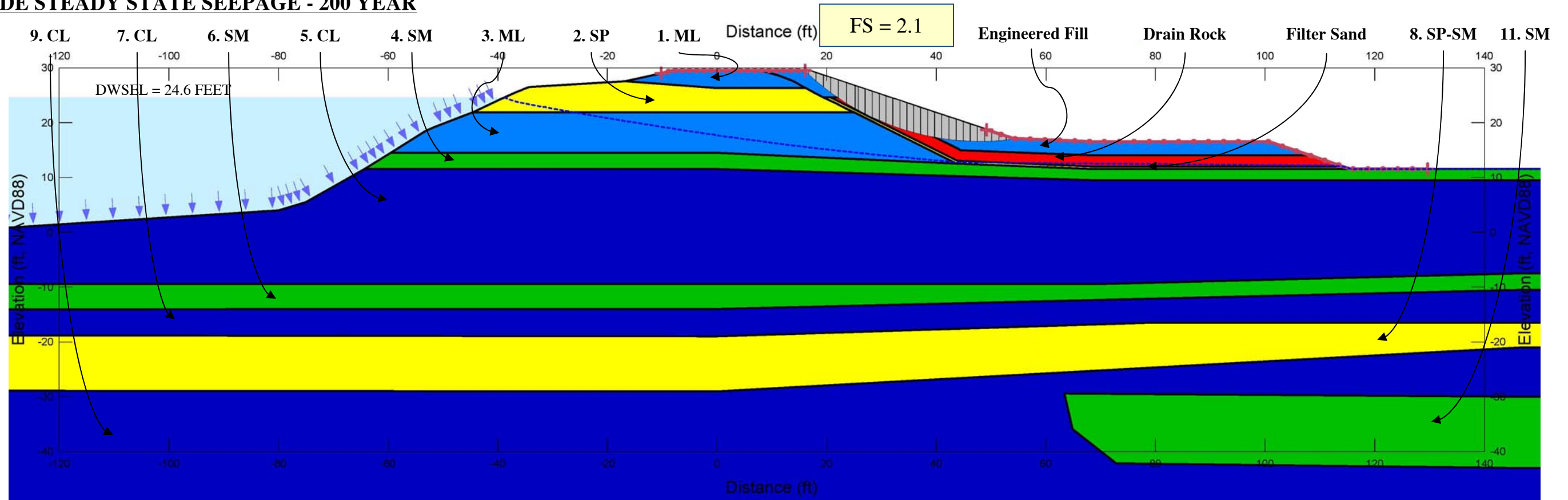
	SEEPAGE ANALYSIS REACH J3C - STA 557+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-39-C
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



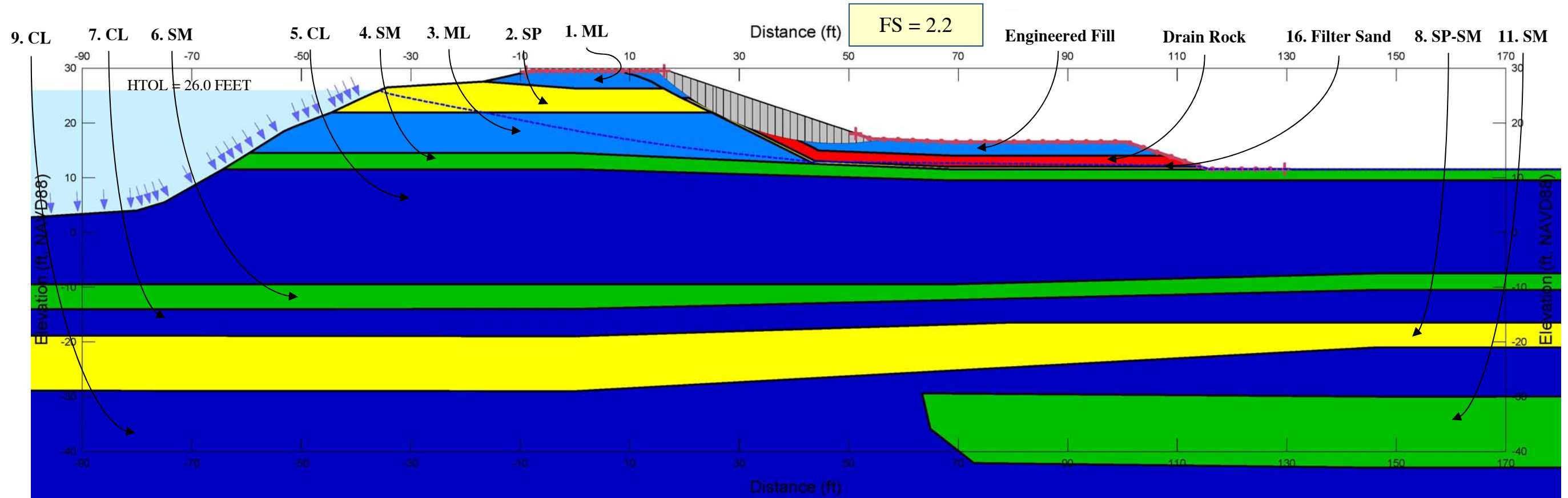
STATIC SLOPE STABILITY ANALYSIS
 REACH J3C - STA 557+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

FIGURE NO.
E-39-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



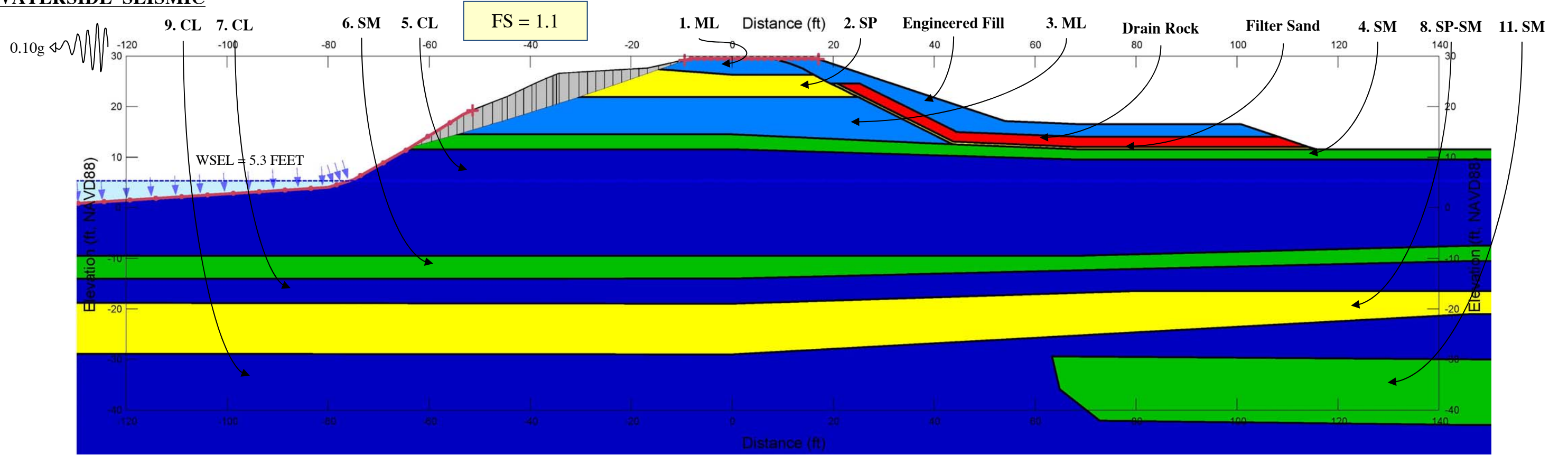
STATIC SLOPE STABILITY ANALYSIS
 REACH J3C - STA 557+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: MH	CHECKED BY: NS

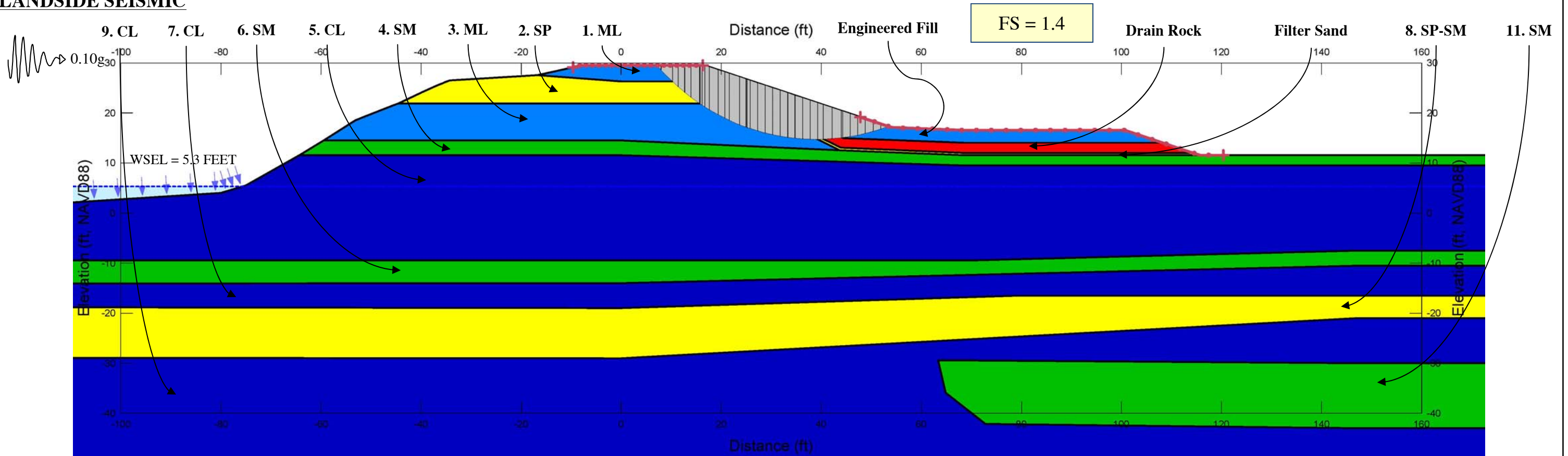
FIGURE NO.
E-39-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



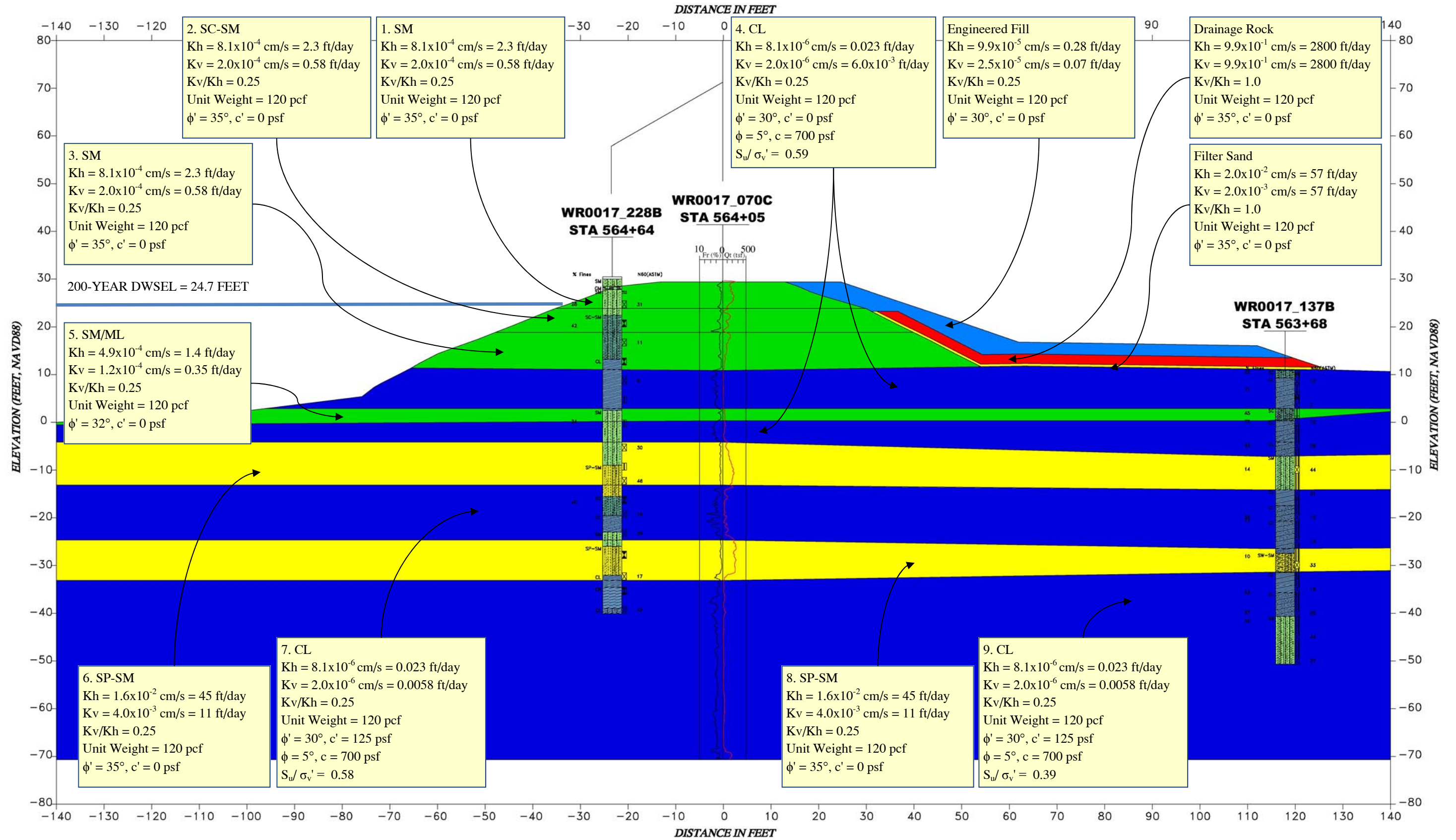
SEISMIC SLOPE STABILITY ANALYSIS
 REACH J3C - STA 557+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

FIGURE NO.
E-39-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



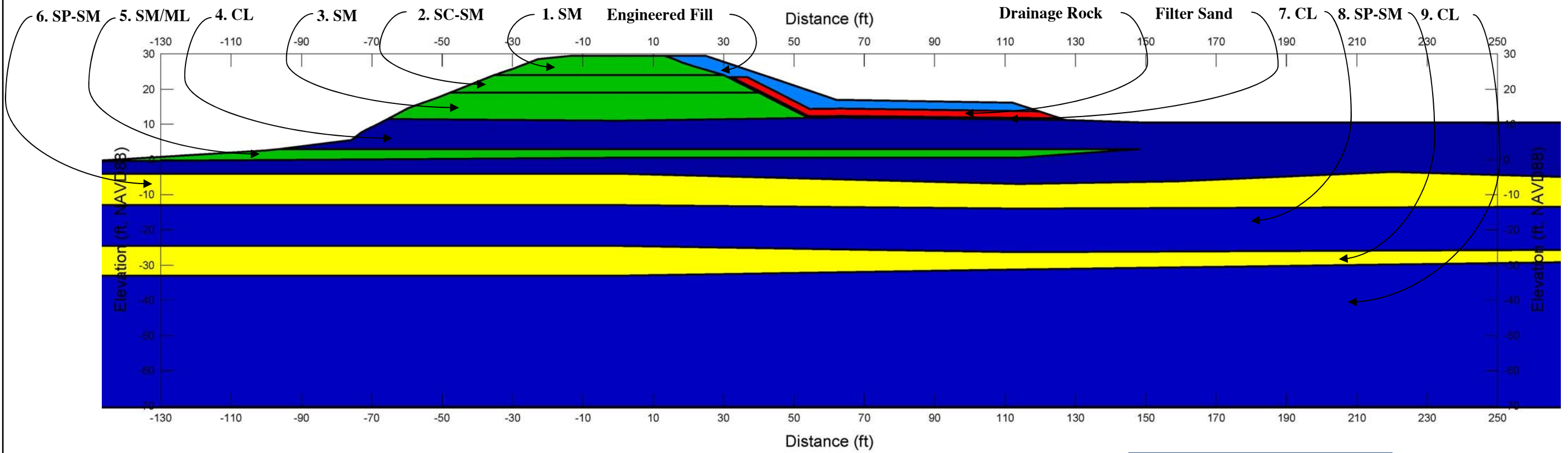
CROSS SECTION & MATERIAL PARAMETERS
 REACH J3C - STA 564+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

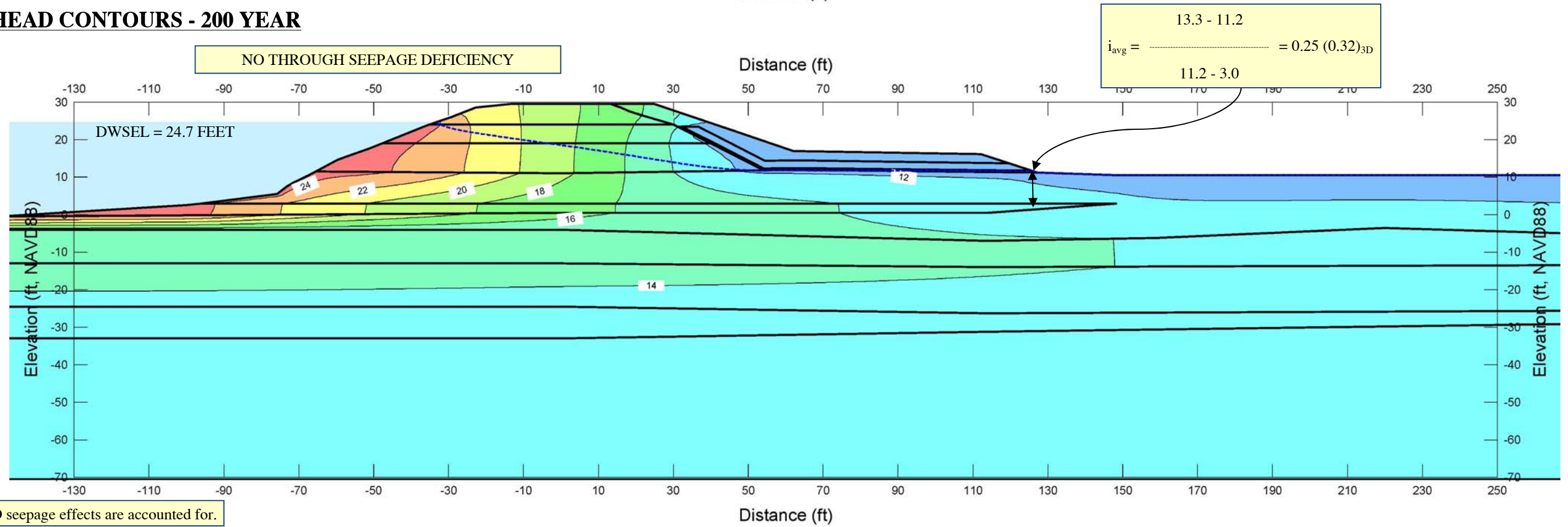
FIGURE NO.
E-40-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR

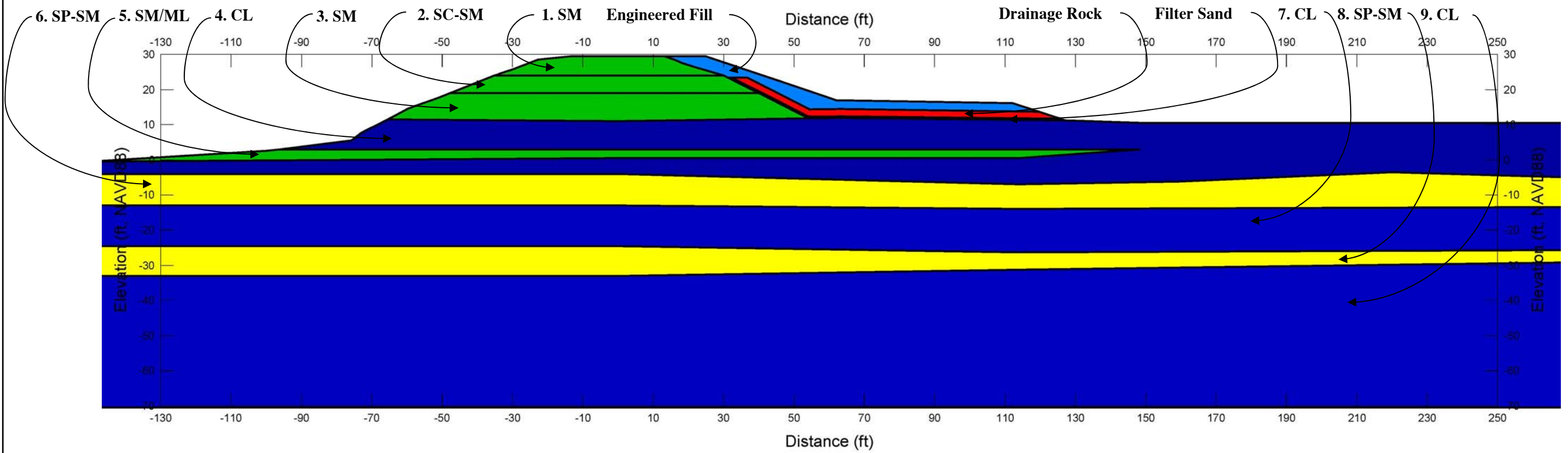


Note: 3D seepage effects are accounted for.

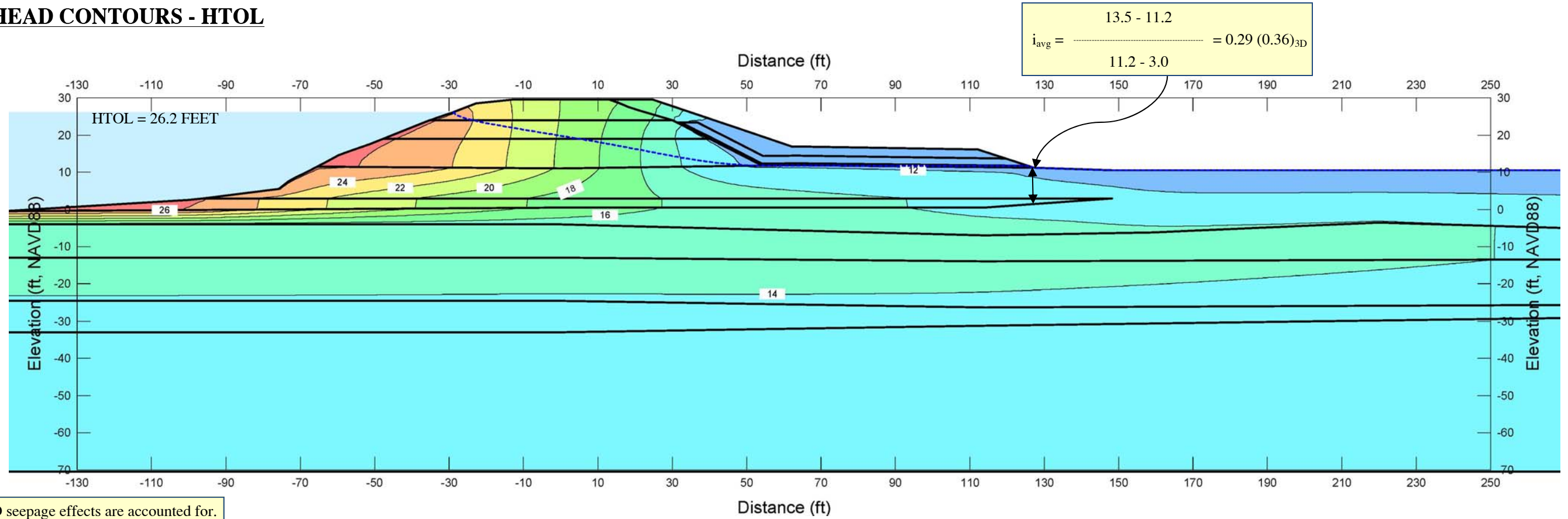
	SEEPAGE ANALYSIS REACH J3C - STA 564+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-40-B
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

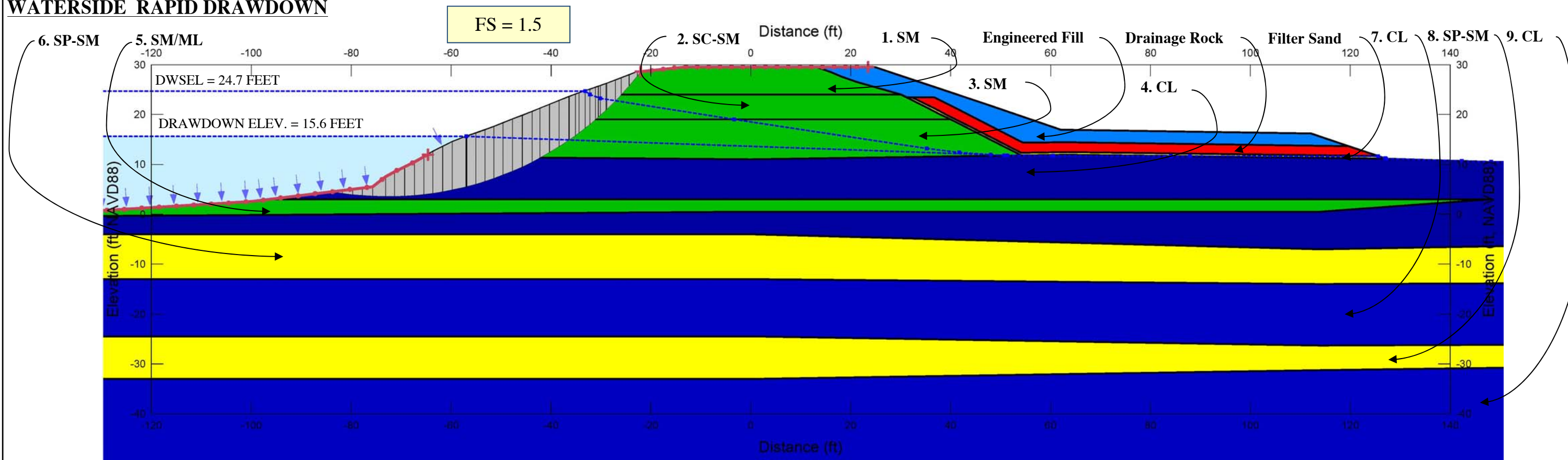


Note: 3D seepage effects are accounted for.

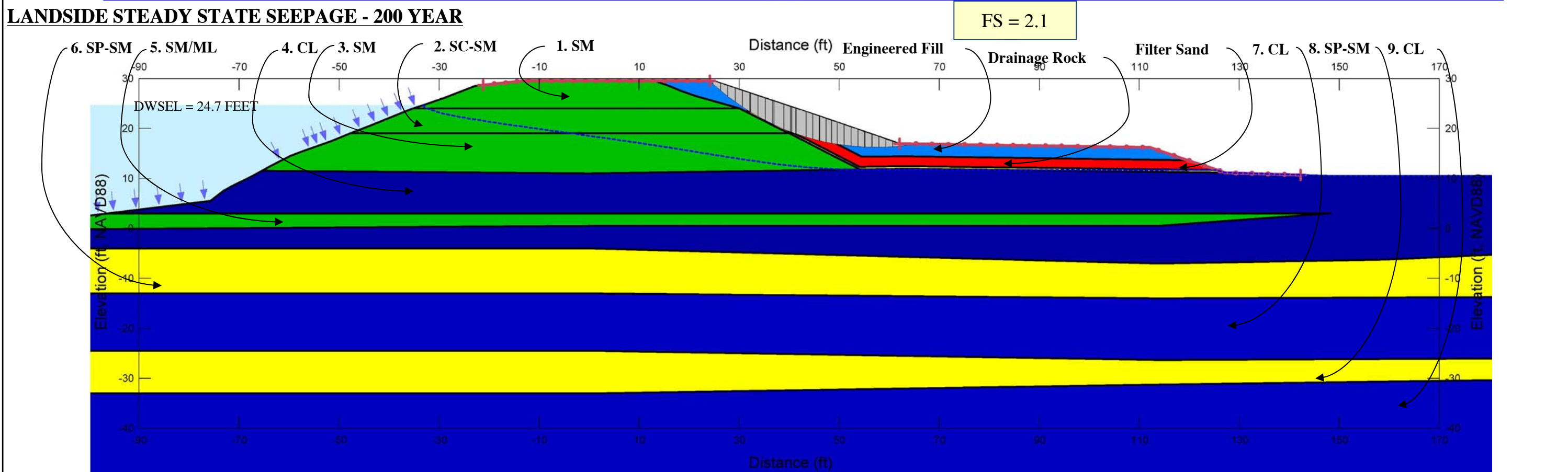
	SEEPAGE ANALYSIS REACH J3C - STA 564+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-40-C
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



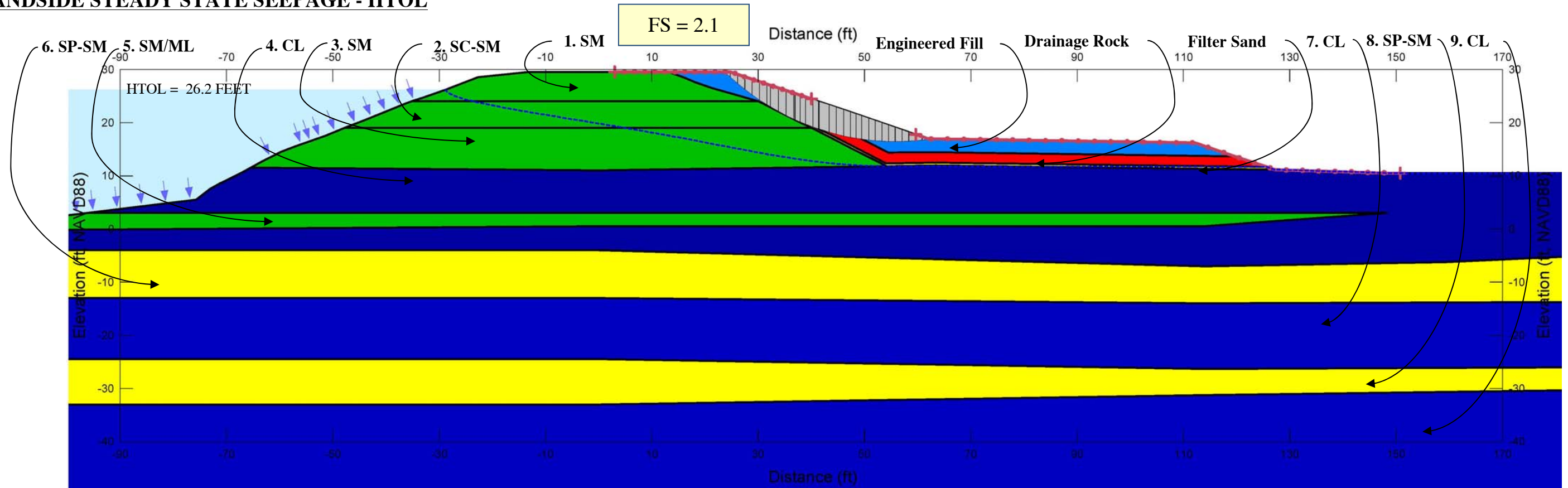
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



	STATIC SLOPE STABILITY ANALYSIS REACH J3C - STA 564+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-40-D
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



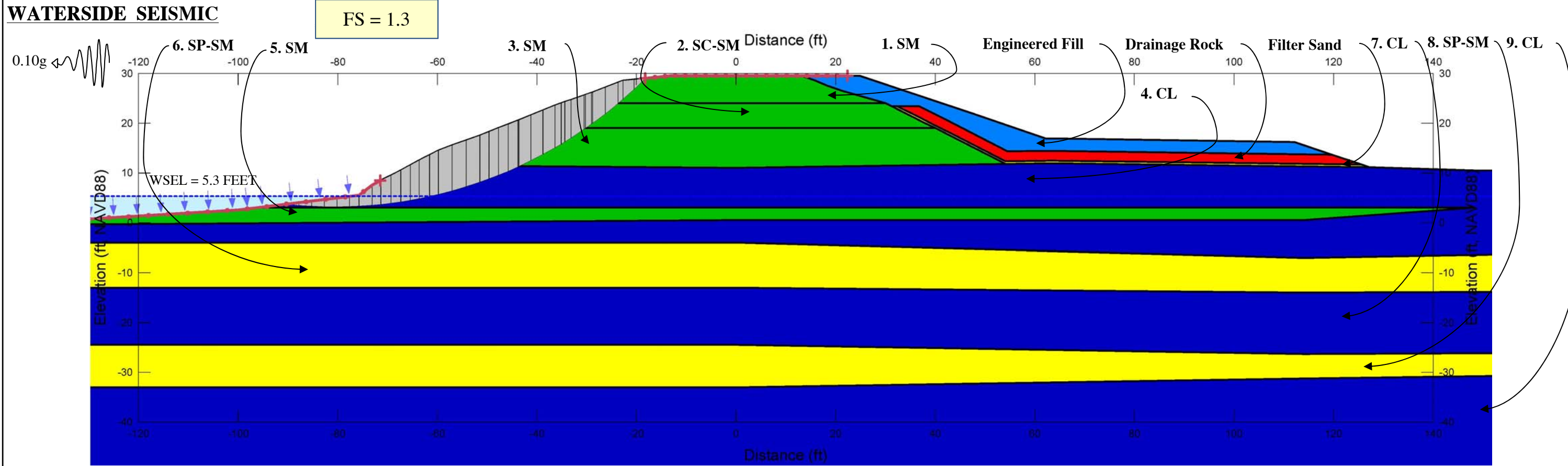
STATIC SLOPE STABILITY ANALYSIS
 REACH J3C - STA 564+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

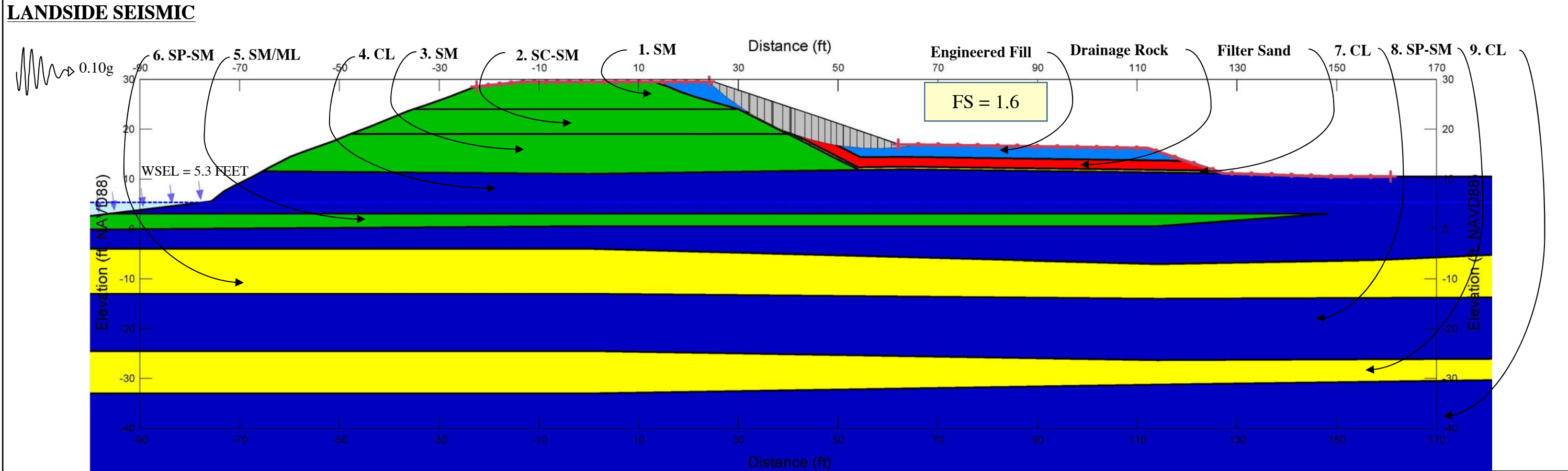
FIGURE NO.
E-40-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



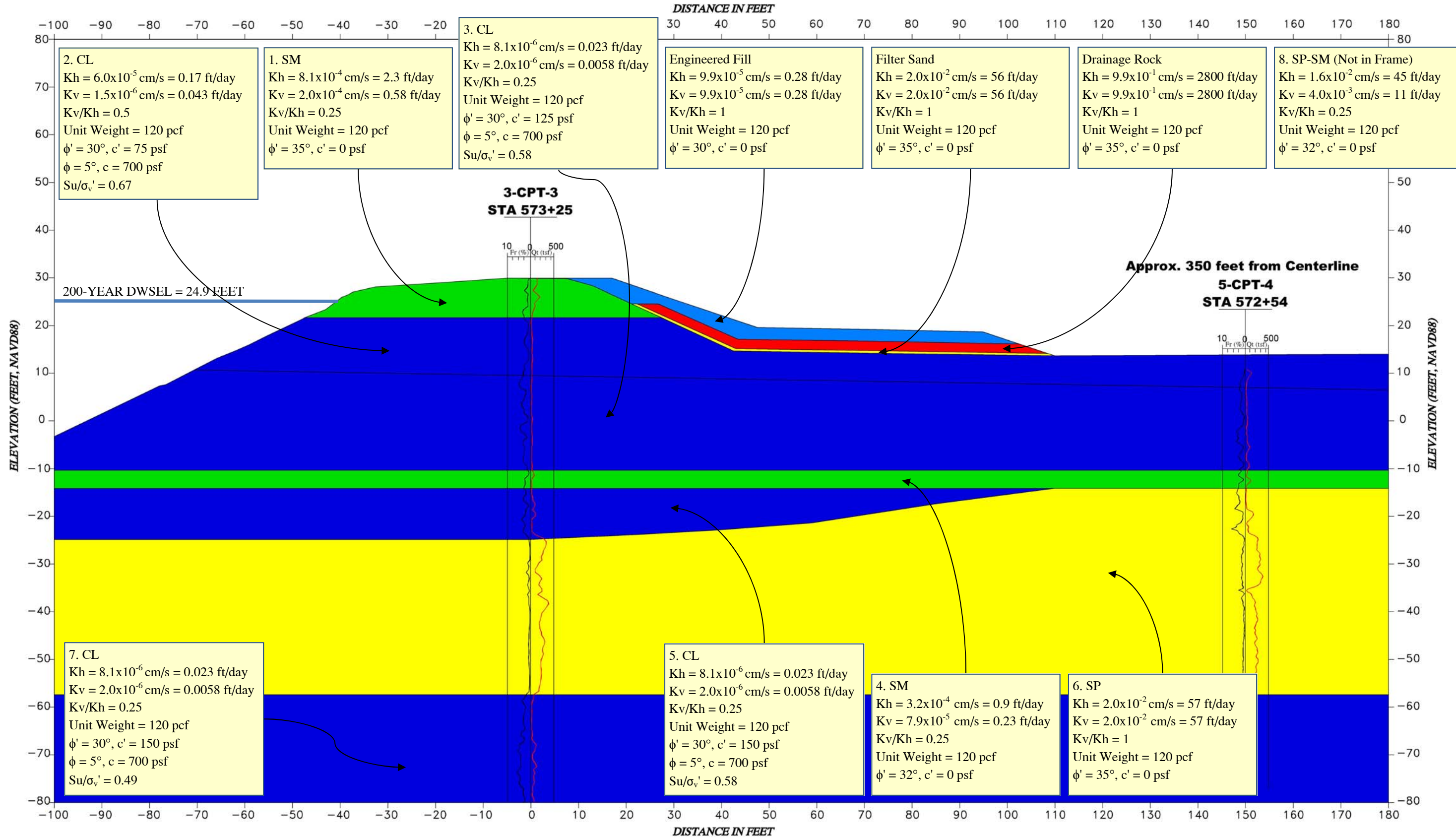
SEISMIC SLOPE STABILITY ANALYSIS
 REACH J3C - STA 564+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

FIGURE NO.
E-40-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



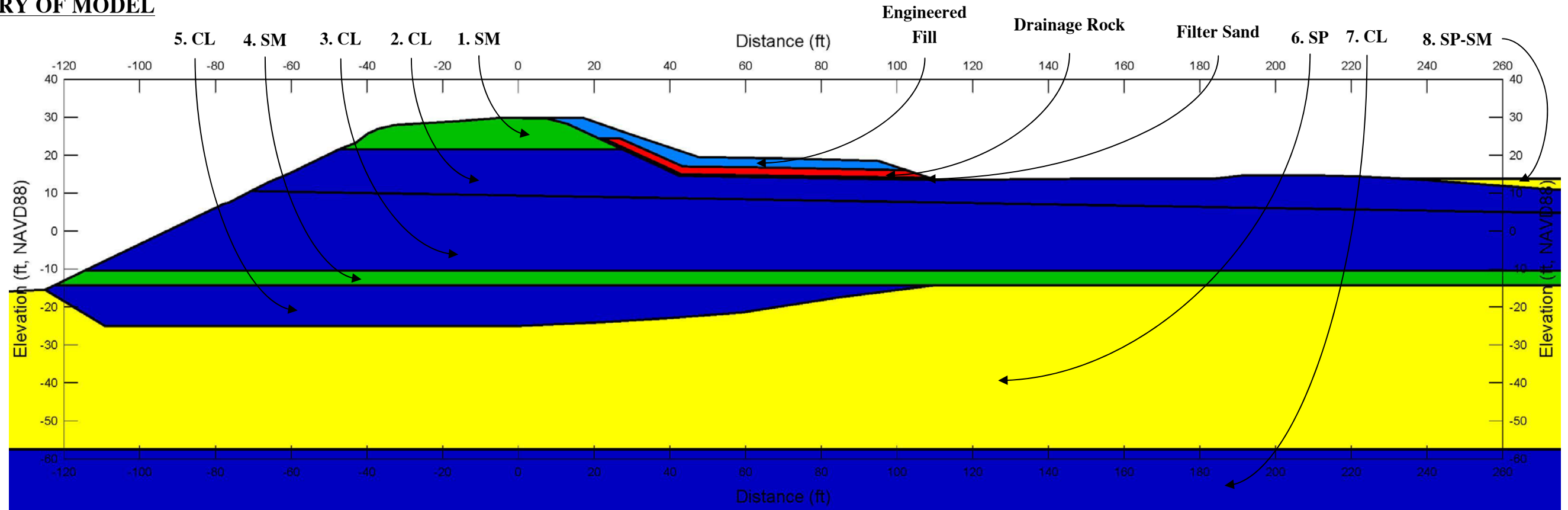
CROSS SECTION & MATERIAL PARAMETERS
 REACH J4A - STA 573+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

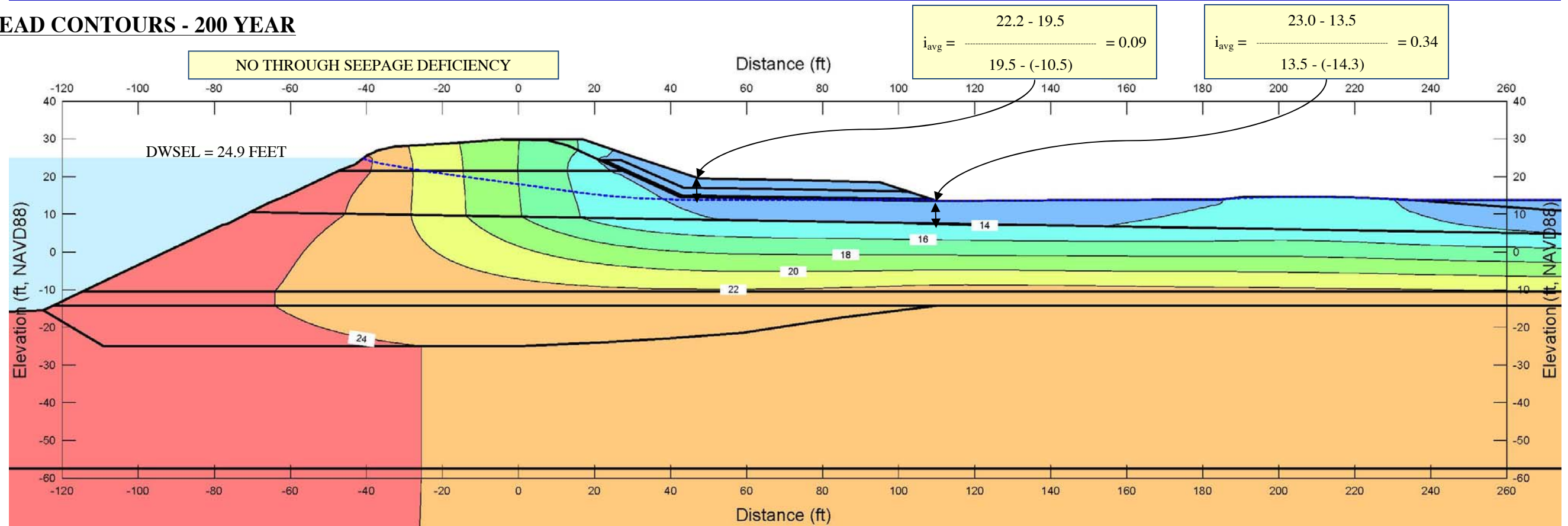
FIGURE NO.
E-41-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



SEEPAGE ANALYSIS
REACH J4A - STA 573+10
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

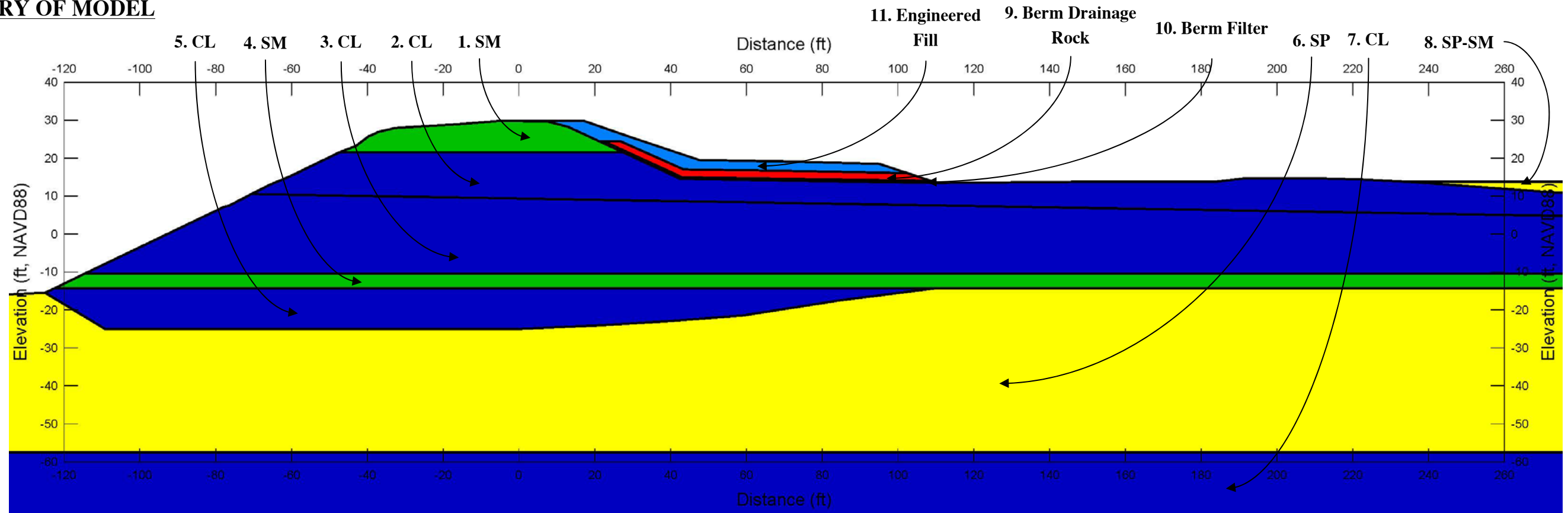
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.

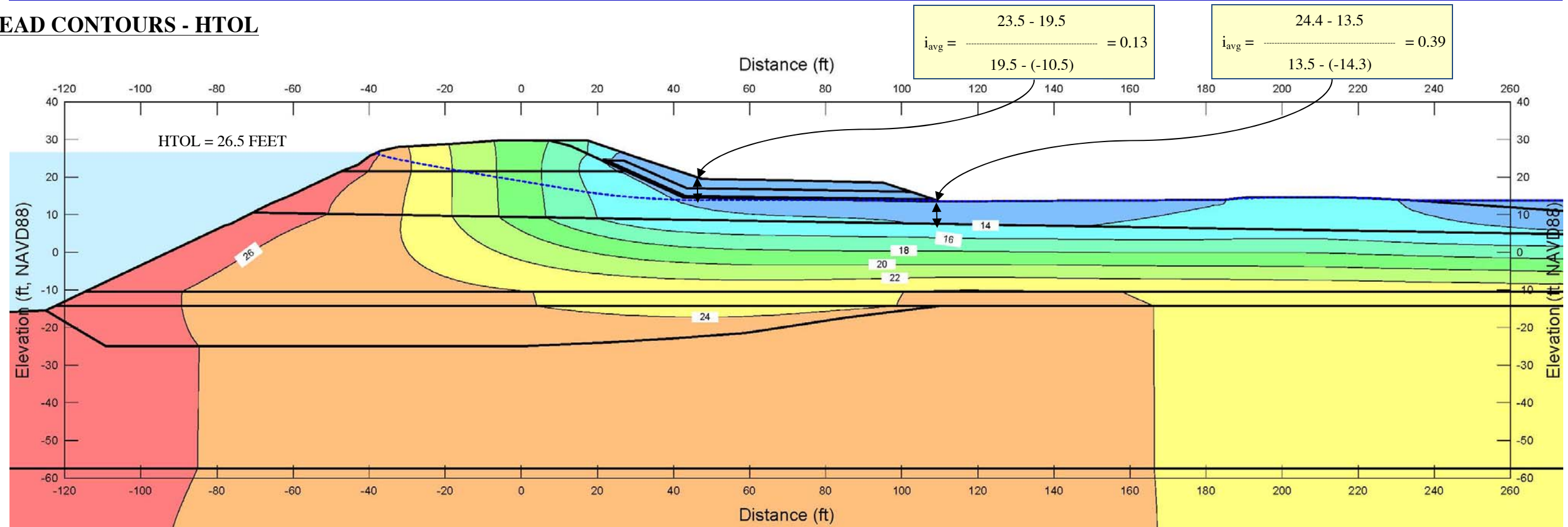
E-41-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



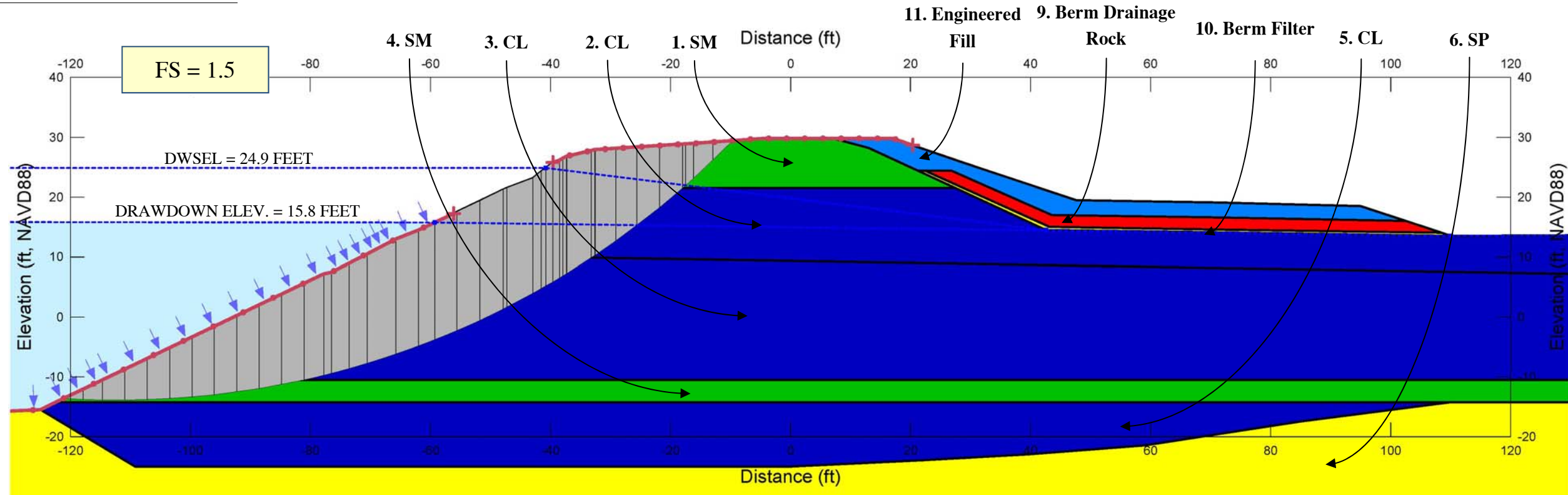
SEEPAGE ANALYSIS
 REACH J4A - STA 573+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

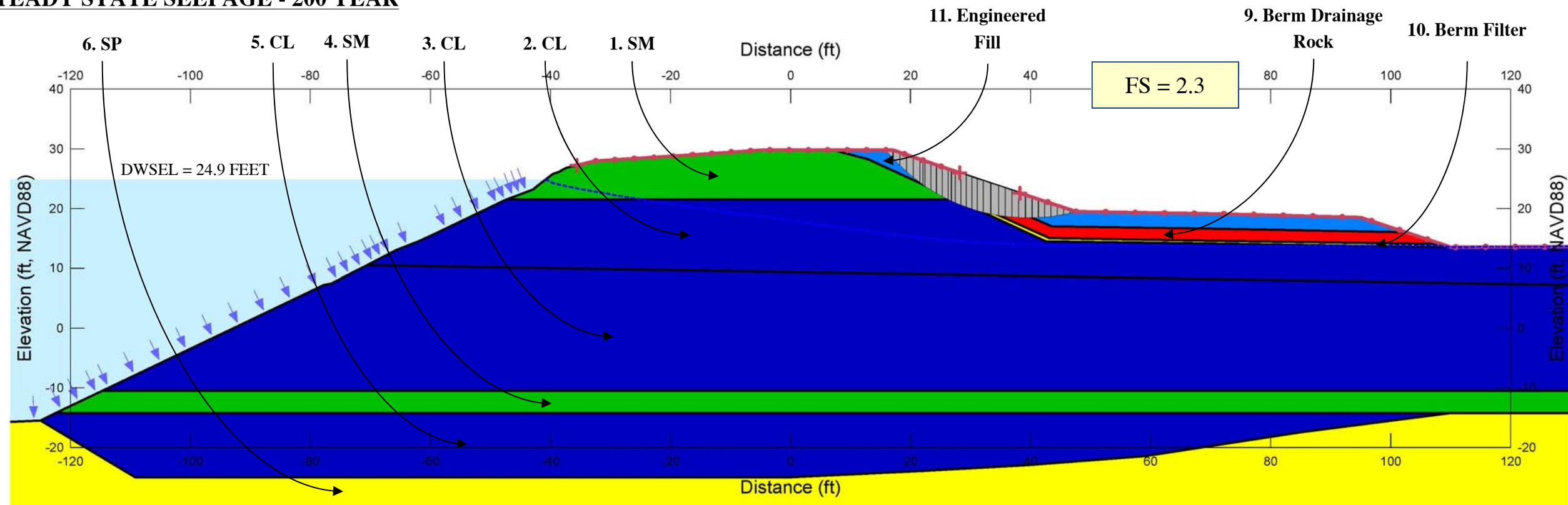
FIGURE NO.
E-41-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



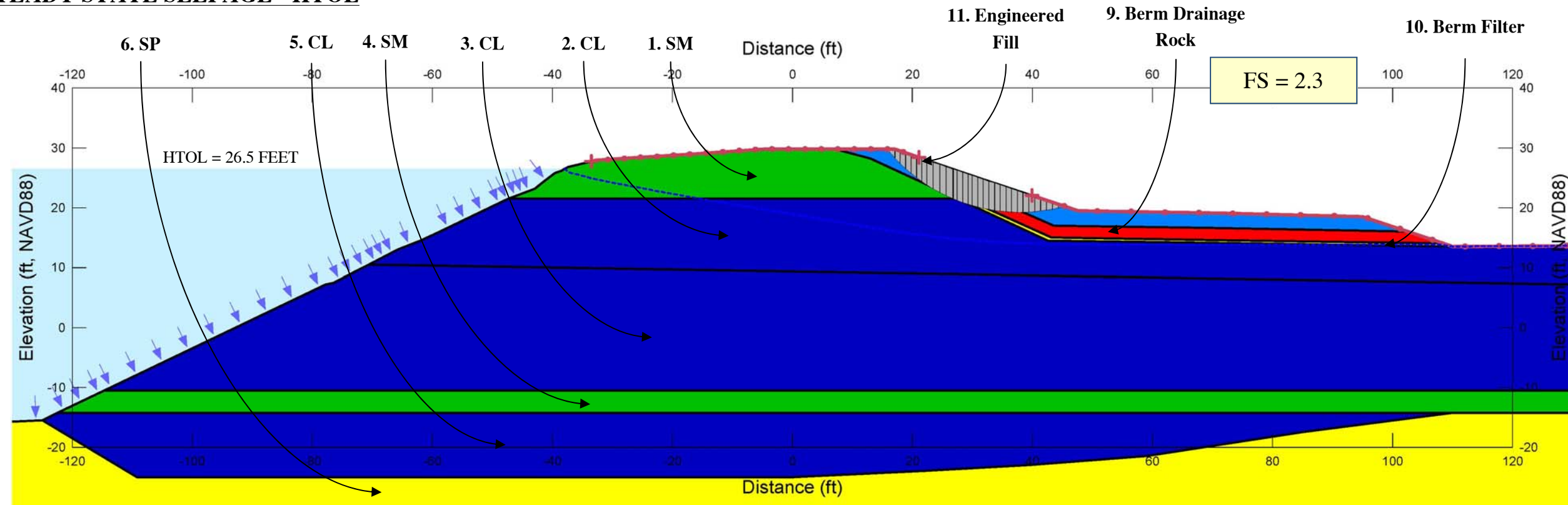
STATIC SLOPE STABILITY ANALYSIS
 REACH J4A - STA 573+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.
E-41-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



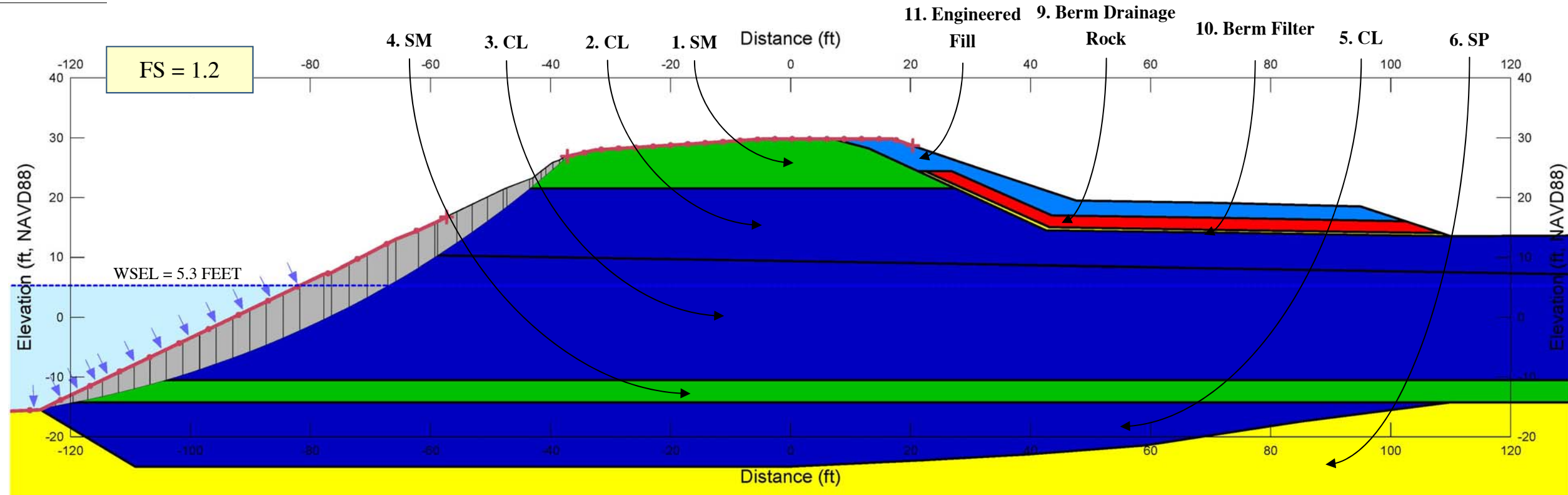
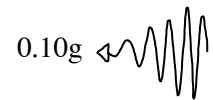
STATIC SLOPE STABILITY ANALYSIS
 REACH J4A - STA 573+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

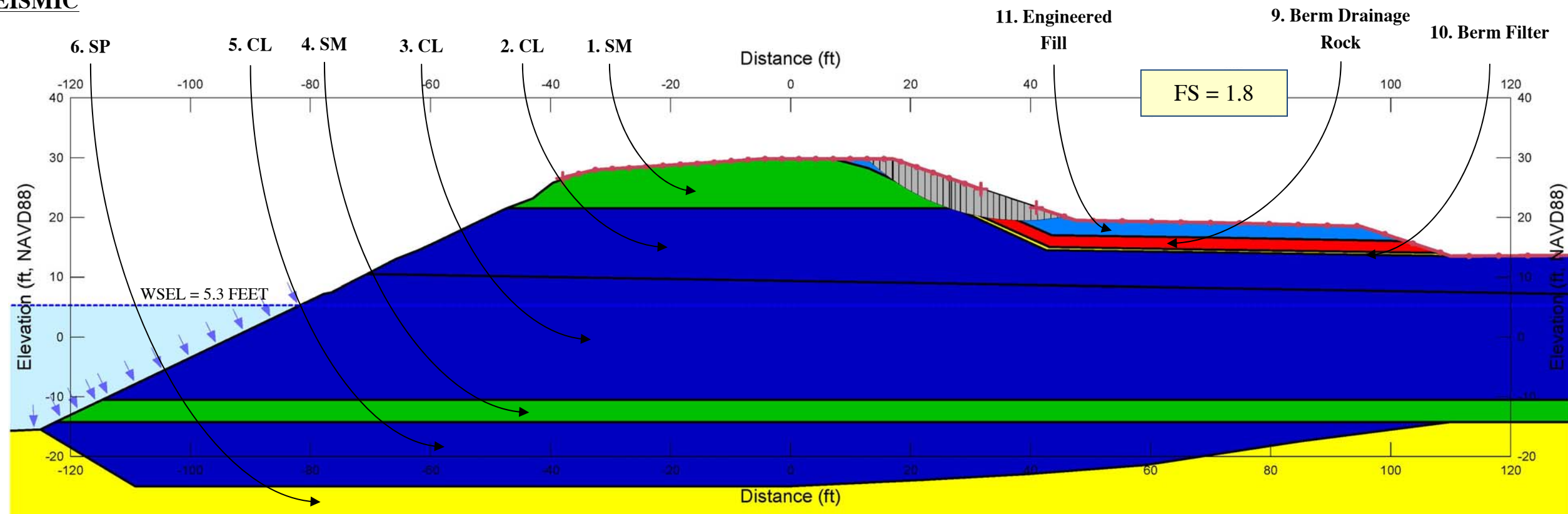
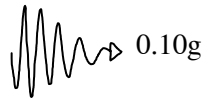
FIGURE NO.
E-41-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



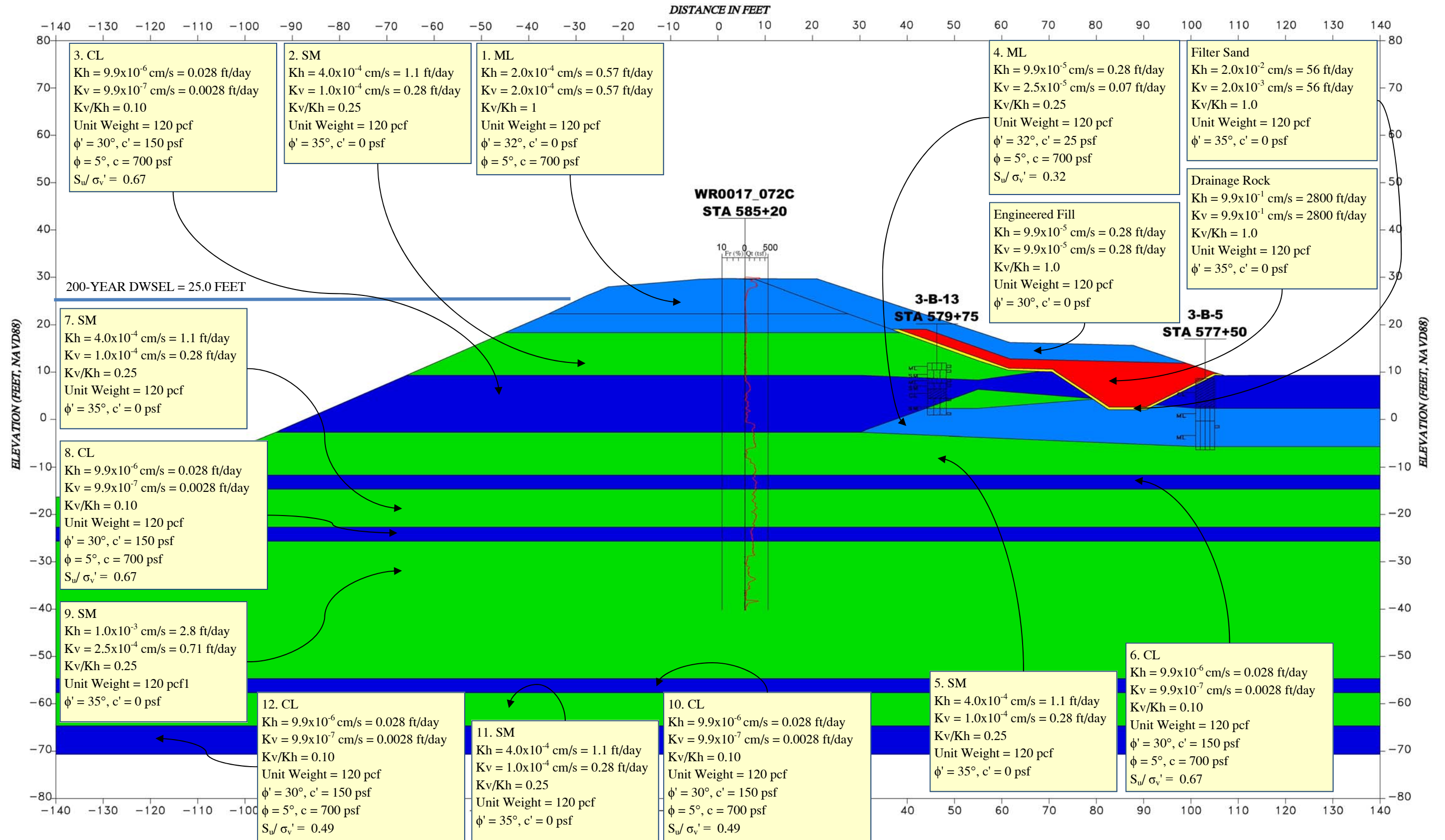
SEISMIC SLOPE STABILITY ANALYSIS
 REACH J4A - STA 573+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.
E-41-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



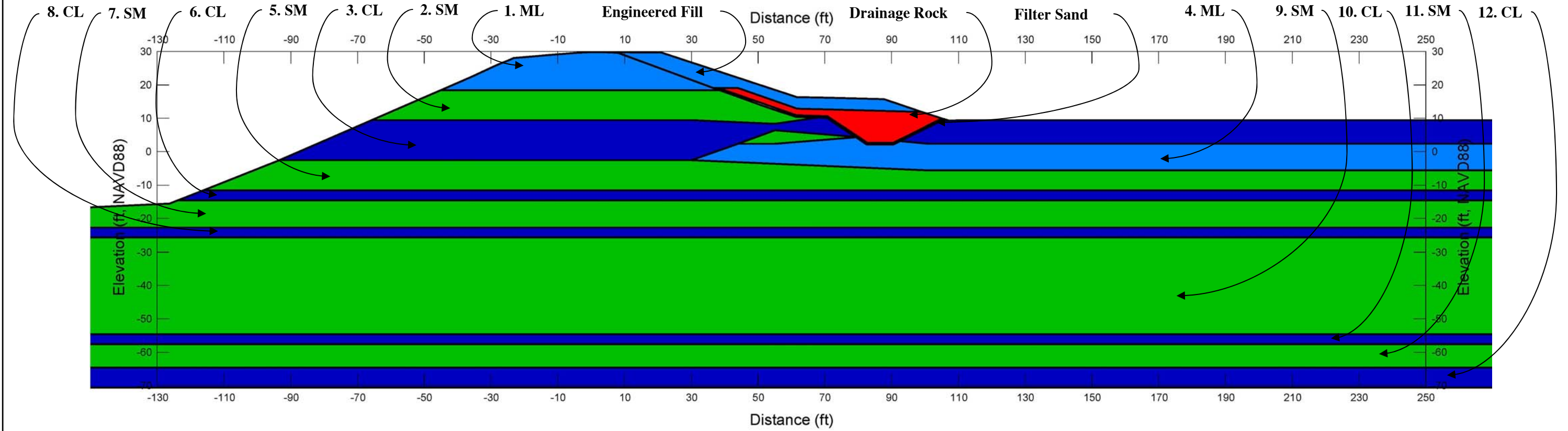
CROSS SECTION & MATERIAL PARAMETERS
 REACH J4B - STA 579+70
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

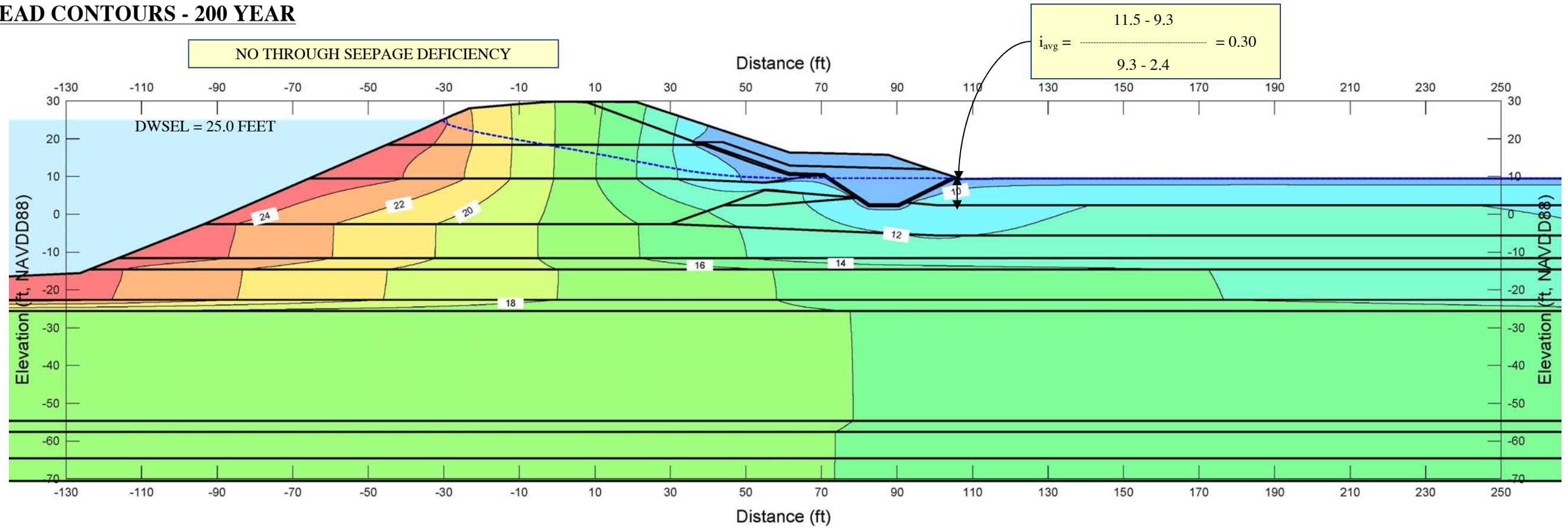
FIGURE NO.
E-42-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



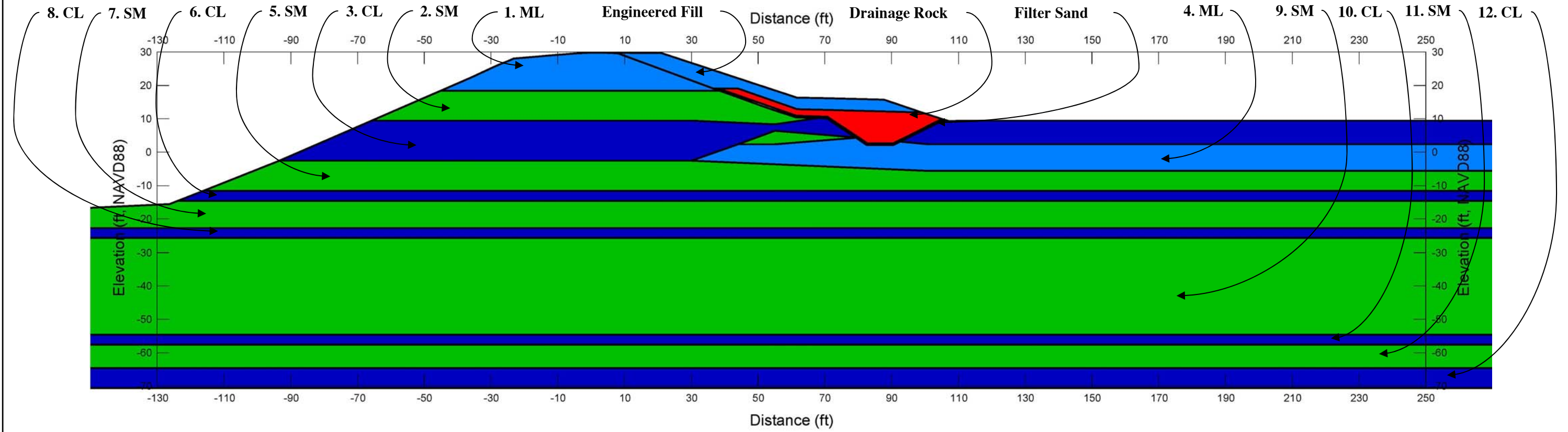
TOTAL HEAD CONTOURS - 200 YEAR



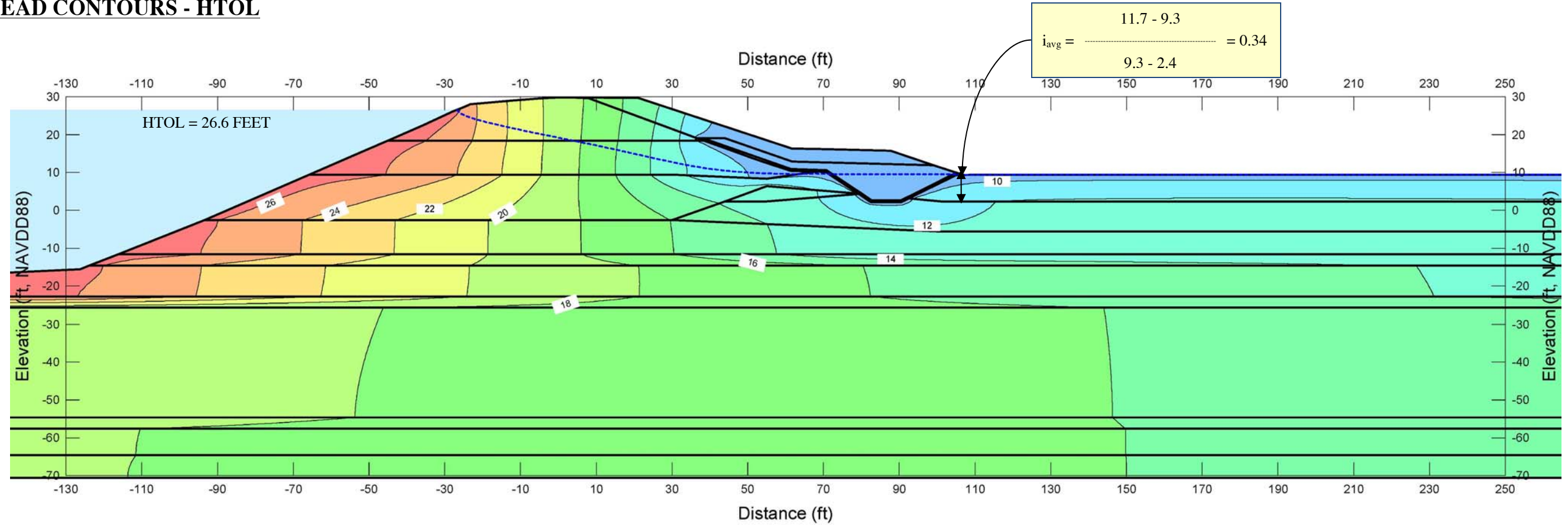
	SEEPAGE ANALYSIS REACH J4B - STA 579+70 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-42-B
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



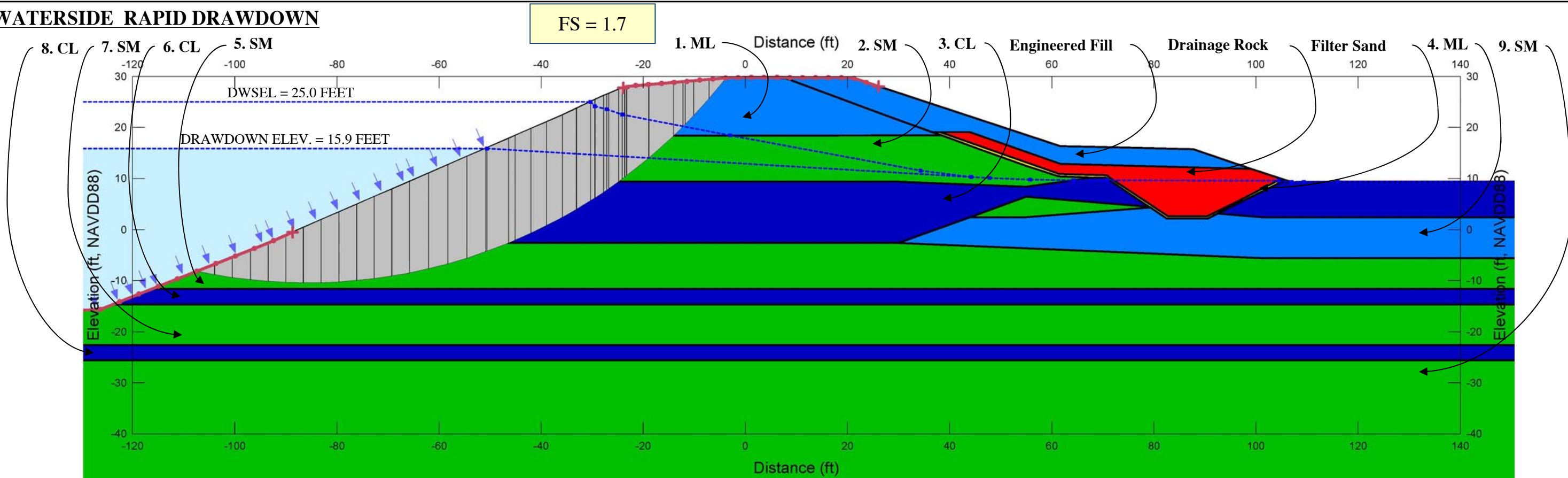
TOTAL HEAD CONTOURS - HTOL



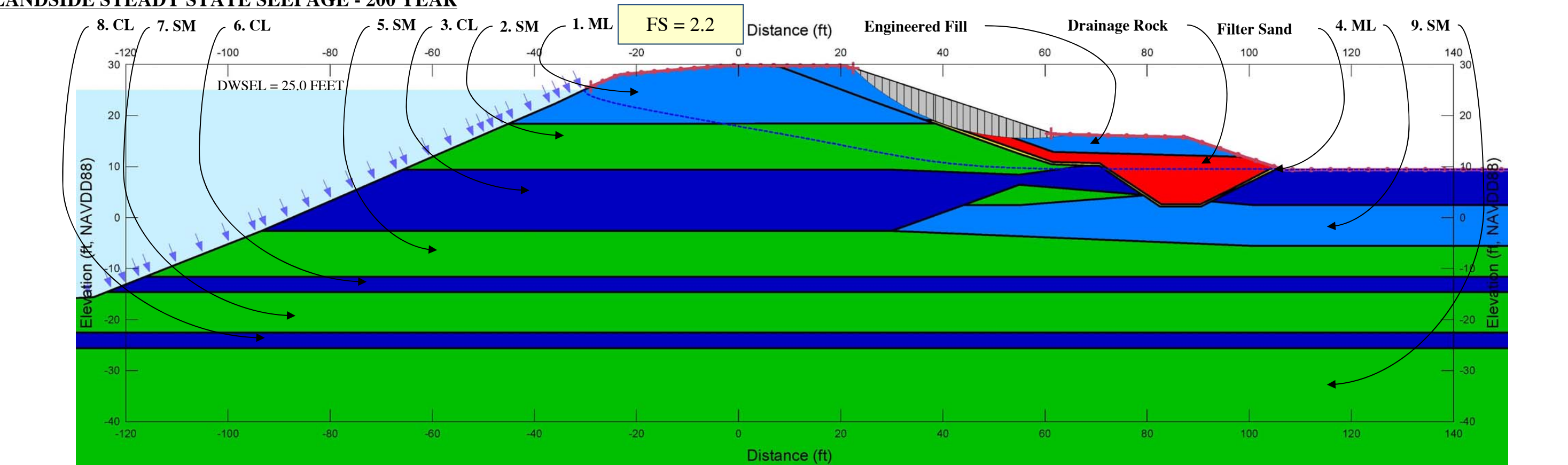
	SEEPAGE ANALYSIS REACH J4B - STA 579+70 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-42-C
			SCALE: NO SCALE	
			DRAWN BY: MH CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



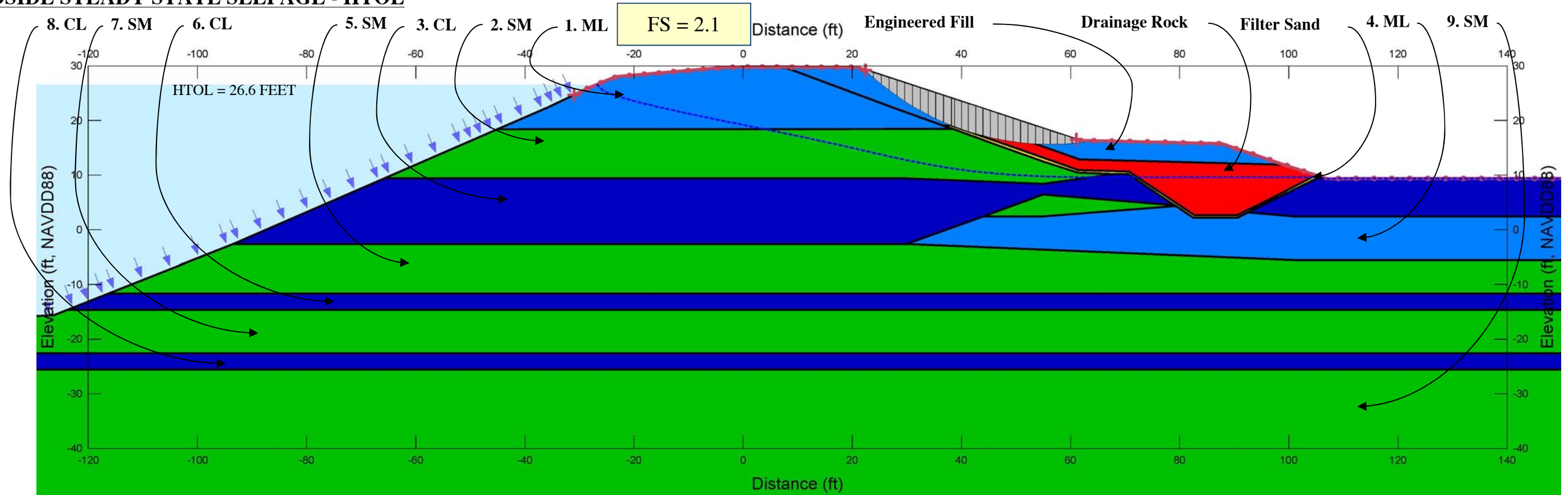
STATIC SLOPE STABILITY ANALYSIS
 REACH J4B - STA 579+70
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

FIGURE NO.
E-42-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



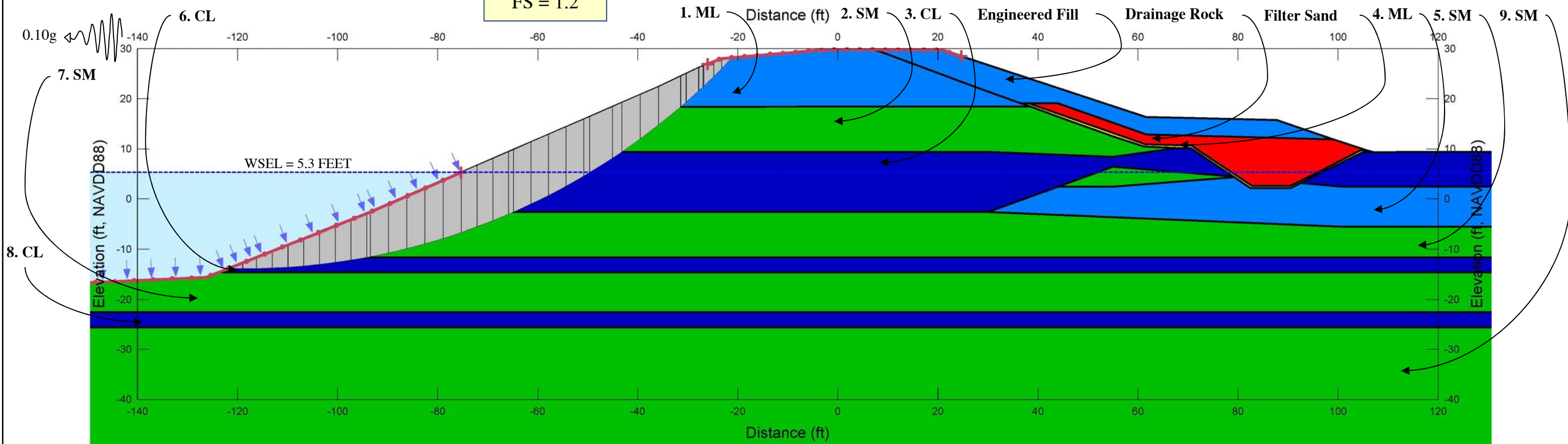
STATIC SLOPE STABILITY ANALYSIS
 REACH J4B - STA 579+70
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

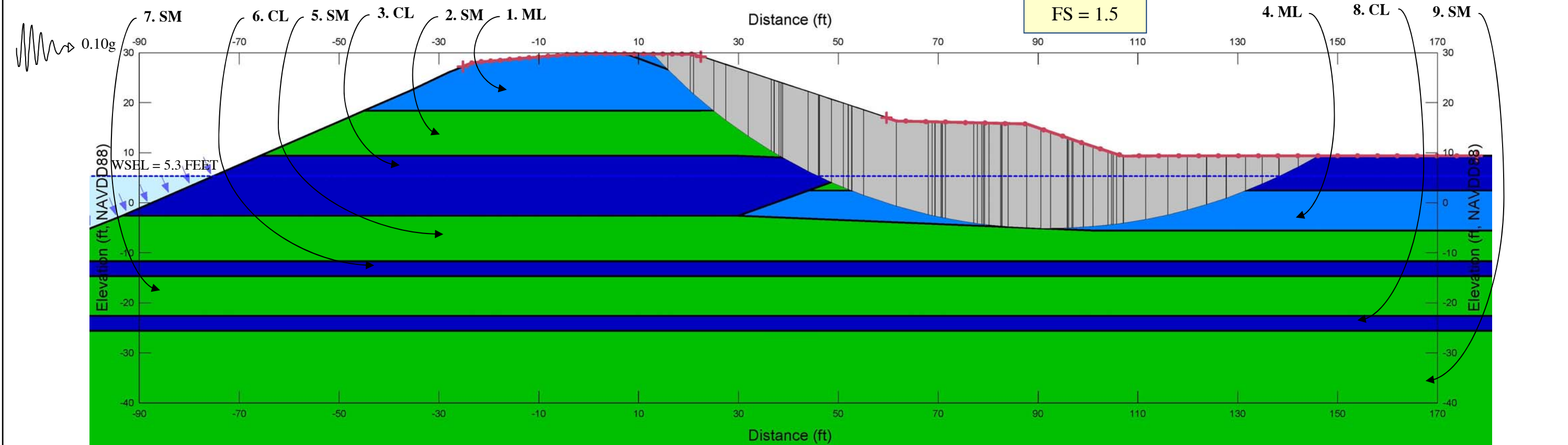
FIGURE NO.
E-42-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



SEISMIC SLOPE STABILITY ANALYSIS
 REACH J4B - STA 579+70
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

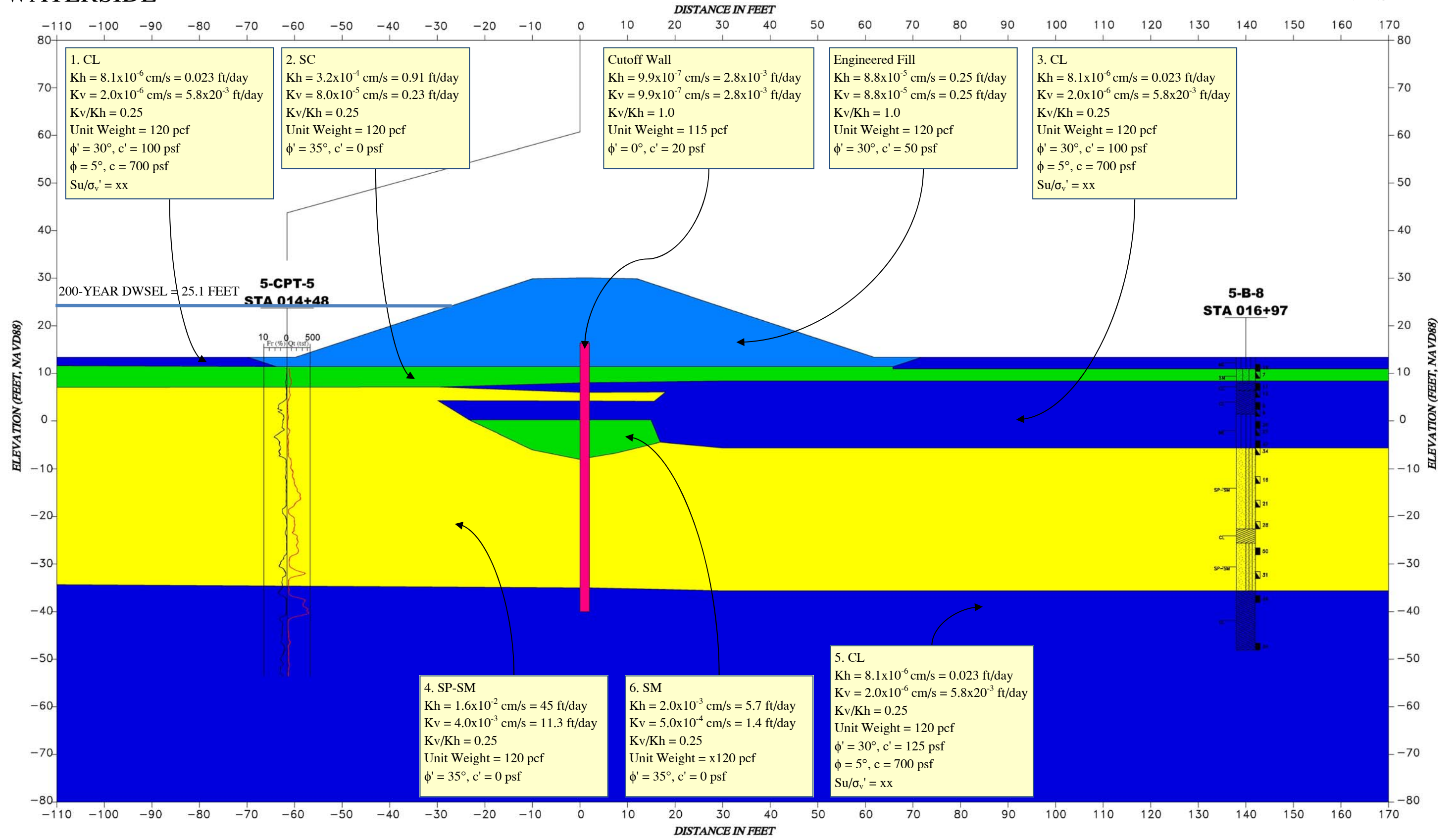
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	MH
CHECKED BY:	NS

FIGURE NO.

E-42-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



CROSS SECTION & MATERIAL PARAMETERS
 REACH K - STA 017+00 [600+00]
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

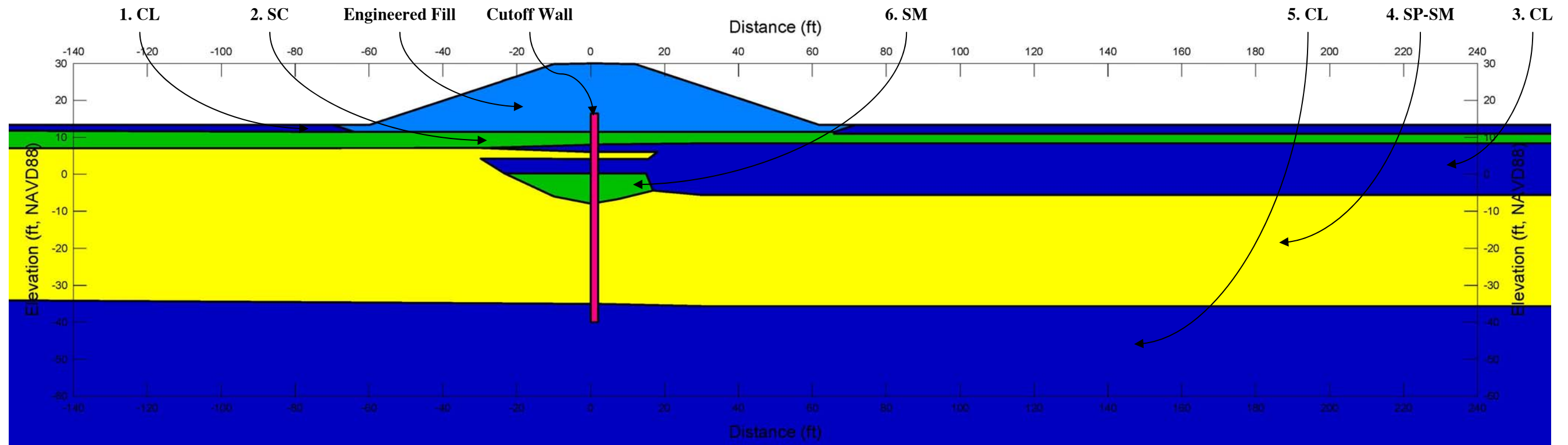
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZR
CHECKED BY:	NS

FIGURE NO.

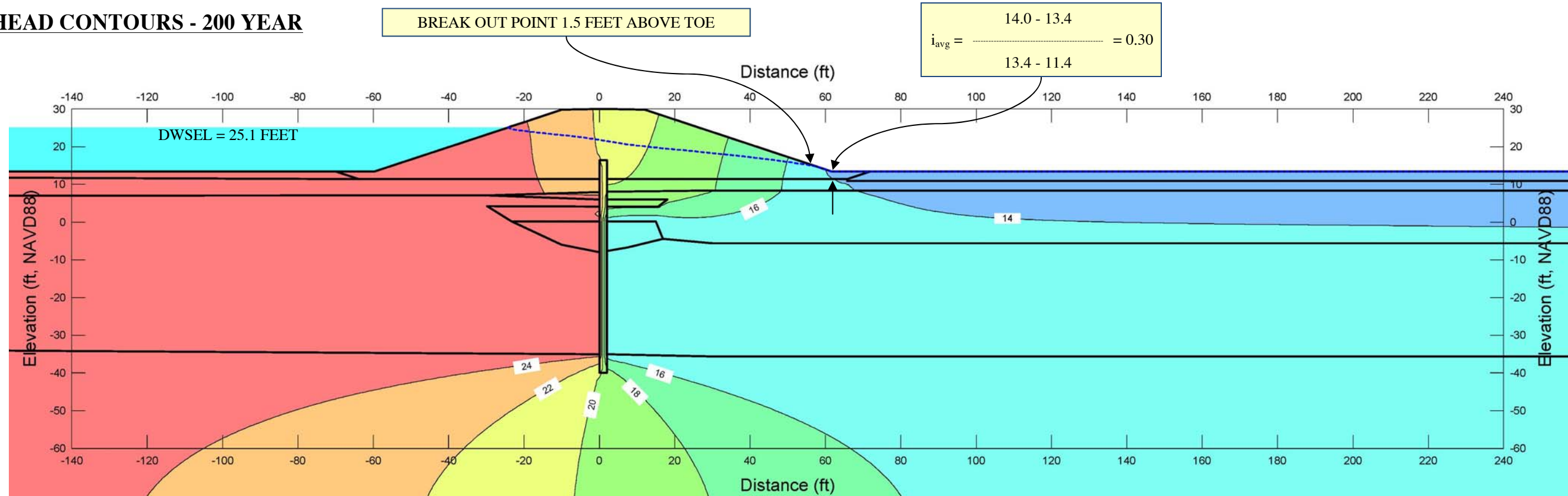
E-43-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



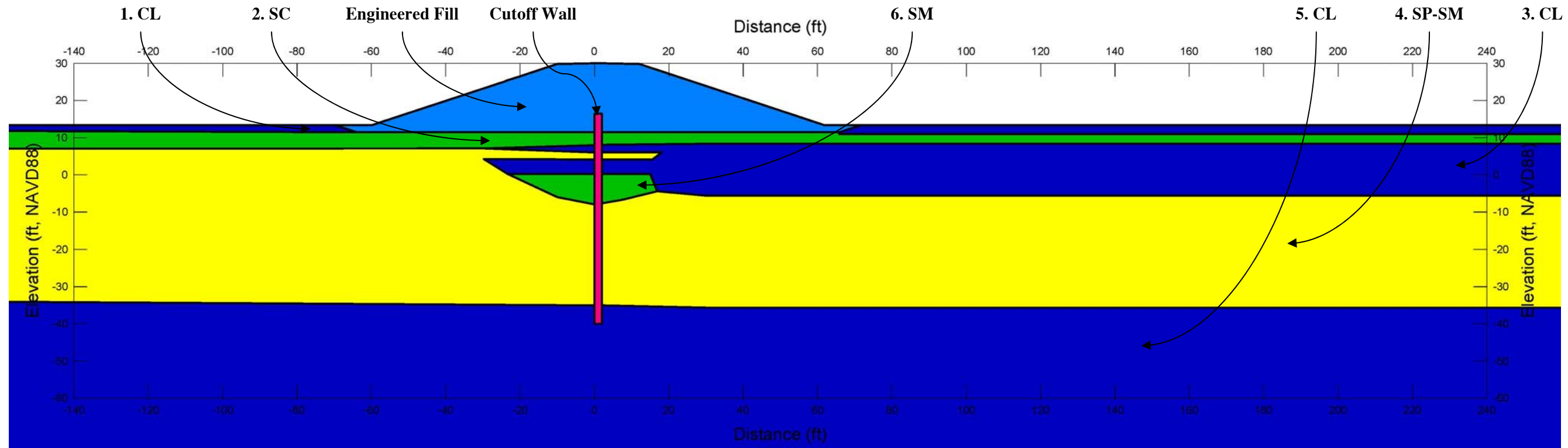
SEEPAGE ANALYSIS
 REACH K - STA 017+00 [600+00]
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: ZR	CHECKED BY: NS

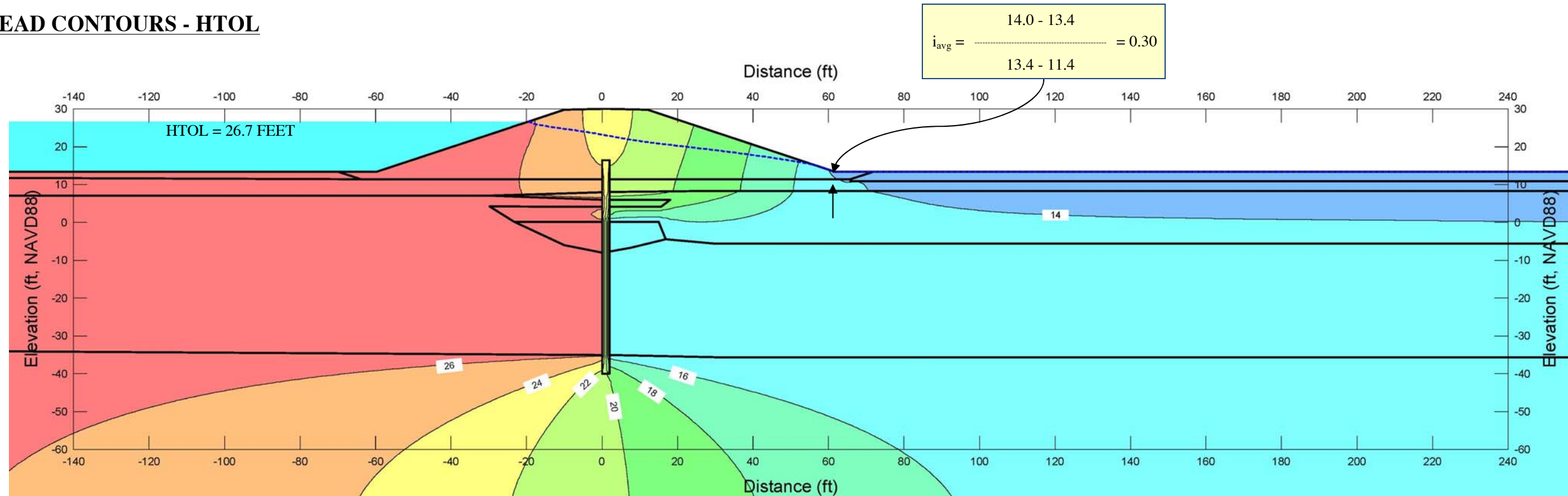
FIGURE NO.
E-43-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



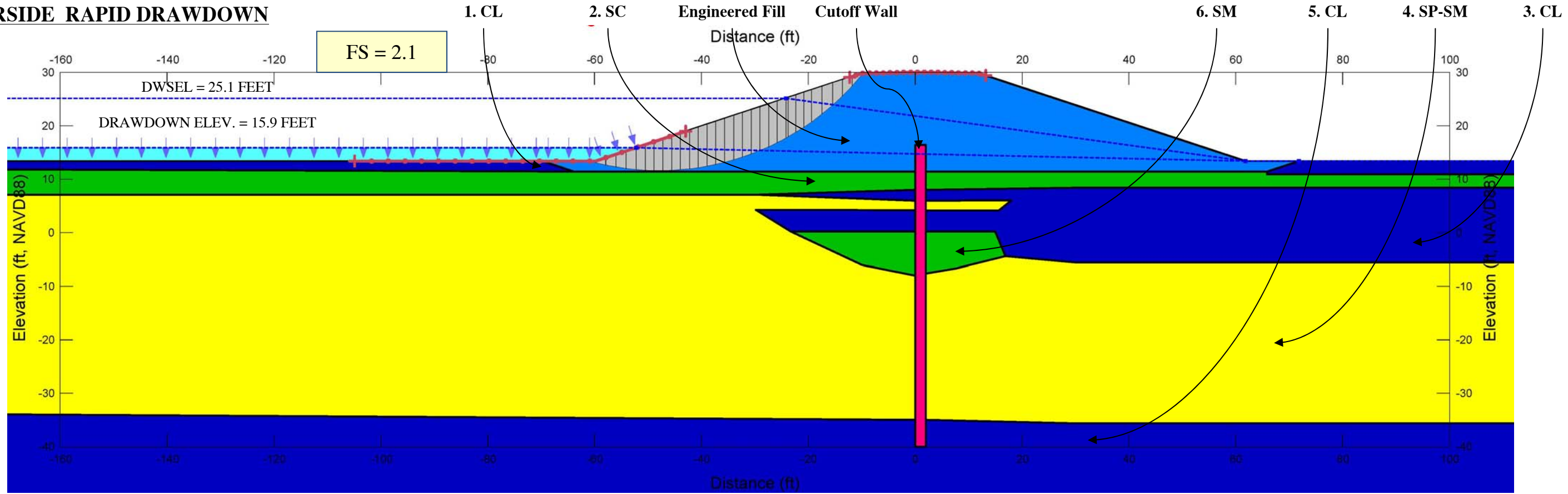
TOTAL HEAD CONTOURS - HTOL



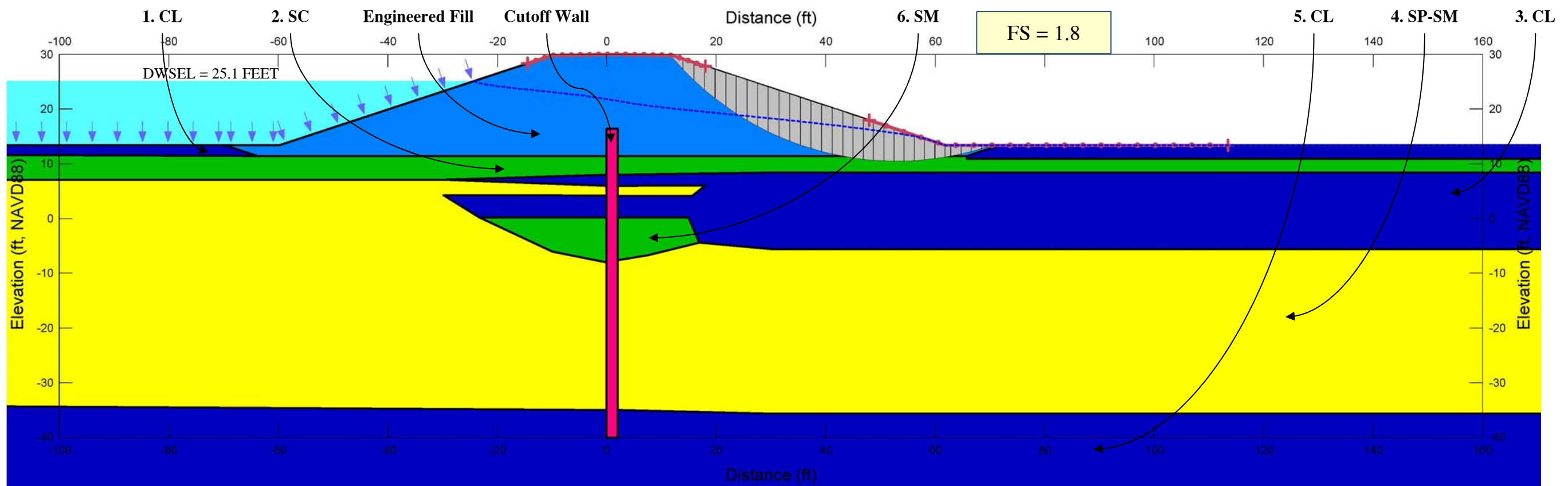
	SEEPAGE ANALYSIS REACH K - STA 017+00 [600+00] RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-43-C
			SCALE: NO SCALE	
			DRAWN BY: ZR CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



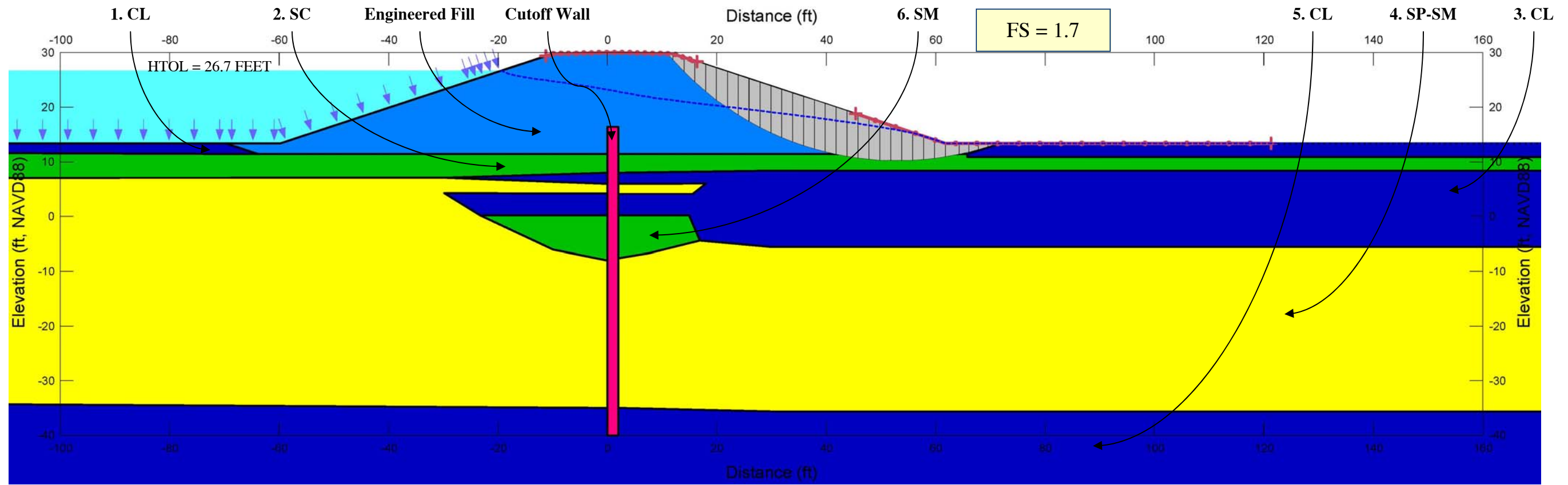
STATIC SLOPE STABILITY ANALYSIS
 REACH K - STA 017+00 [600+00]
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: ZR	CHECKED BY: NS

FIGURE NO.
E-43-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



STATIC SLOPE STABILITY ANALYSIS
 REACH K - STA 017+00 [600+00]
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000

SCALE: NO SCALE

DRAWN BY: ZR

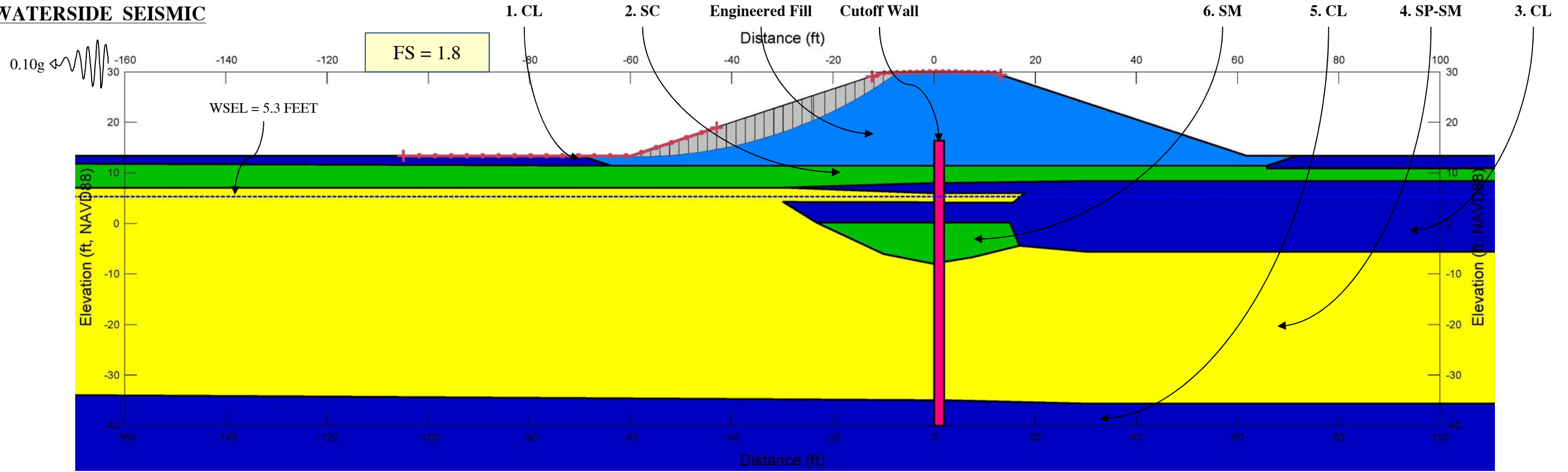
CHECKED BY: NS

FIGURE NO.

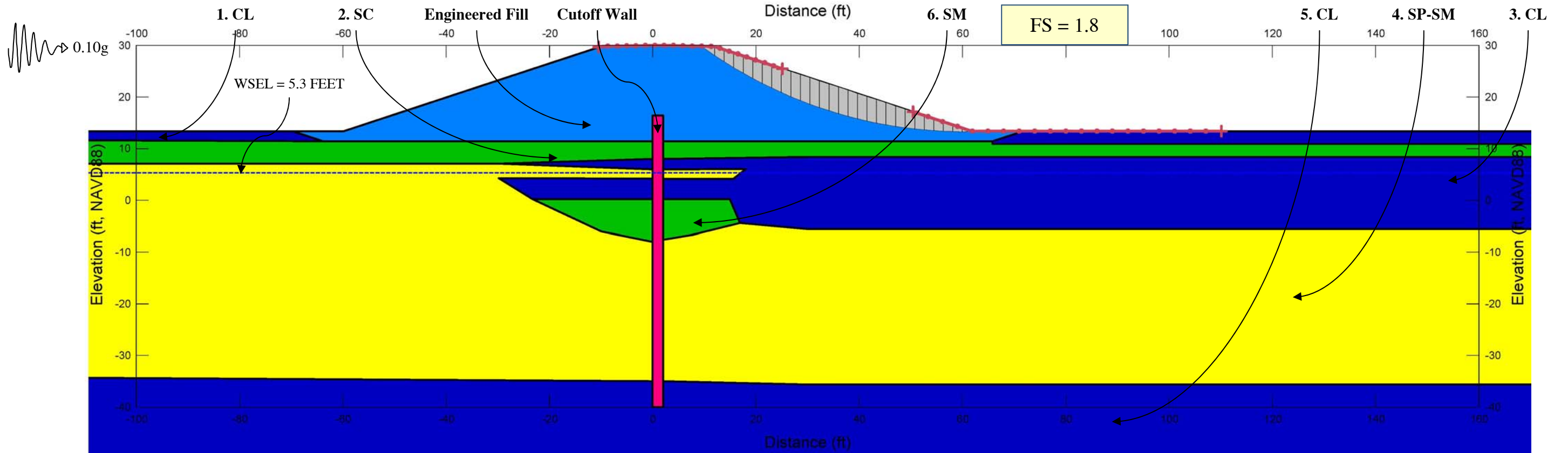
E-43-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



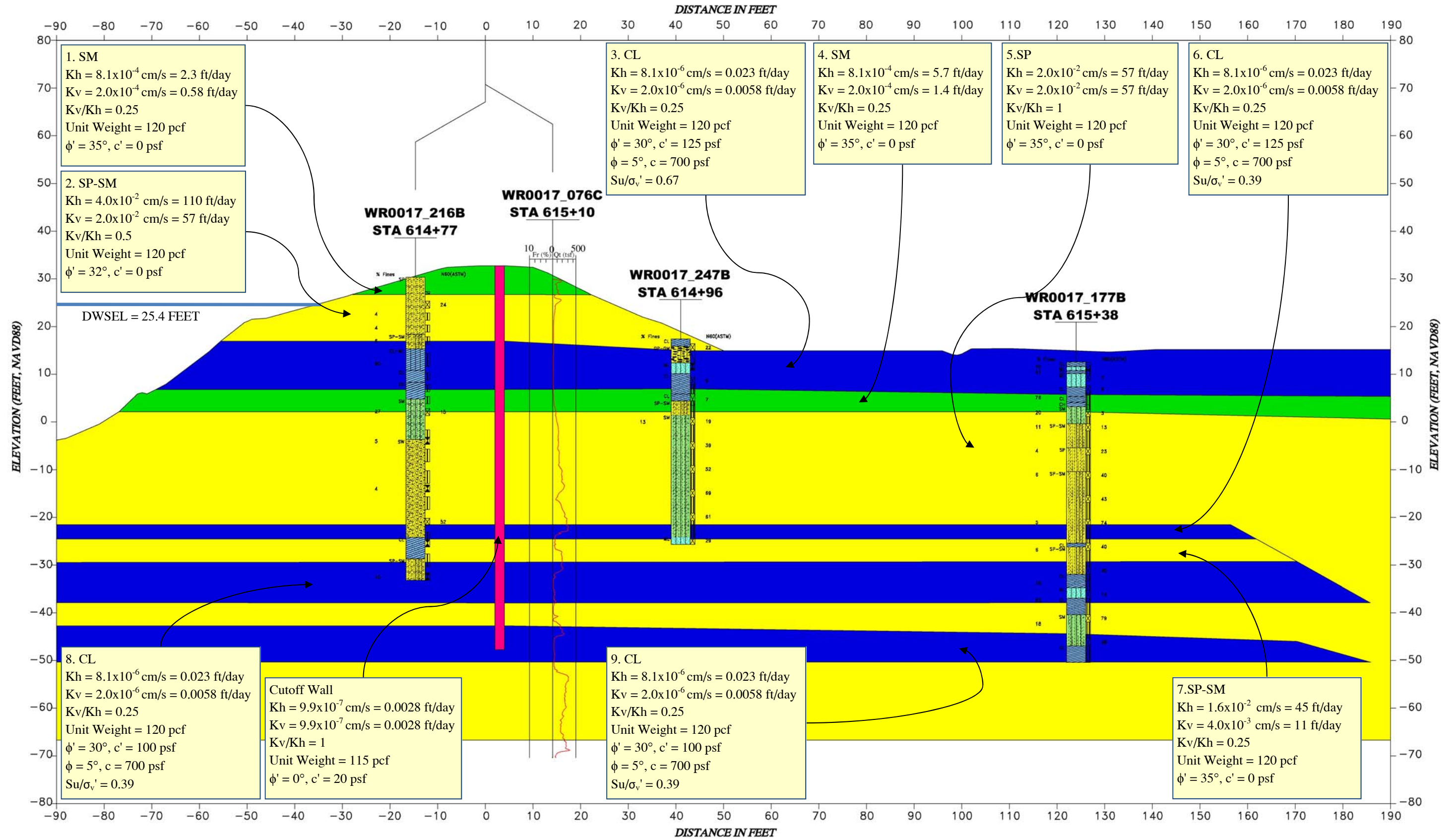
SEISMIC SLOPE STABILITY ANALYSIS
 REACH K - STA 017+00 [600+00]
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZR
CHECKED BY:	NS

FIGURE NO.
E-43-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



CROSS SECTION & MATERIAL PARAMETERS
 REACH L1 - STA 615+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

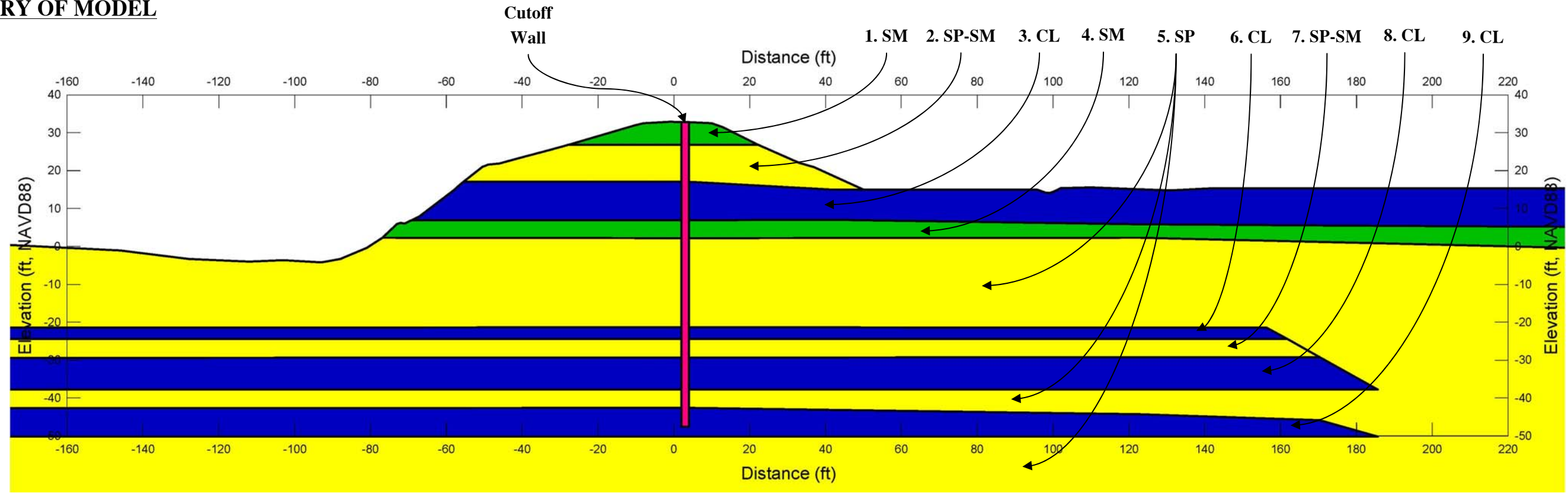
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.

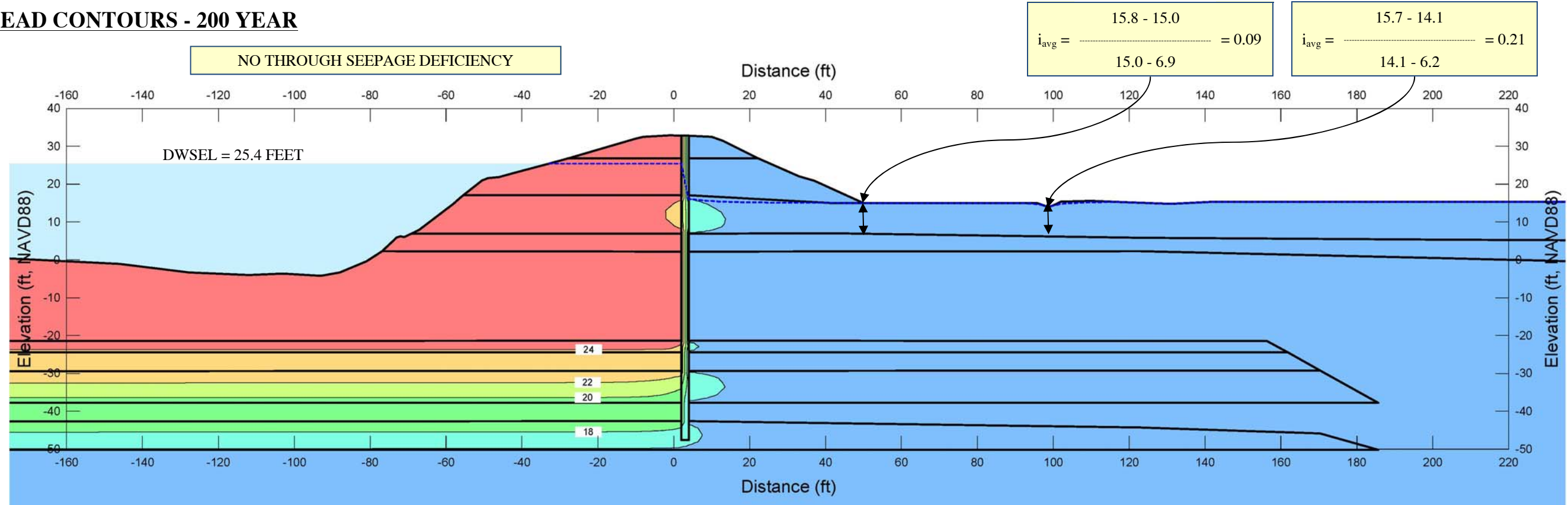
E-44-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



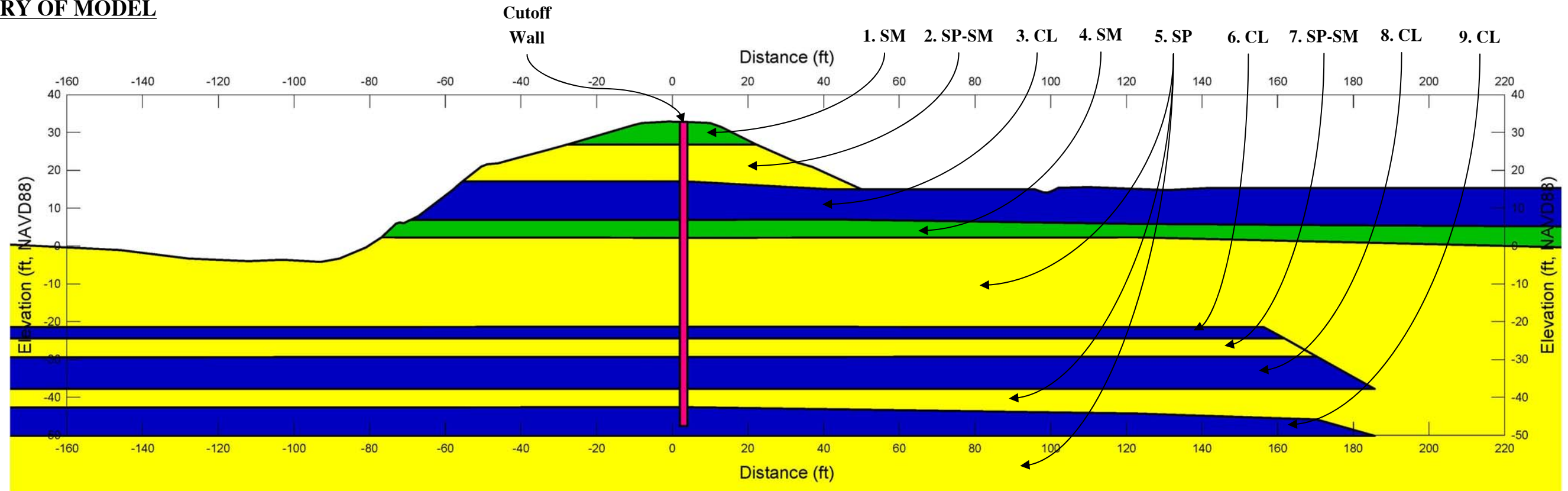
TOTAL HEAD CONTOURS - 200 YEAR



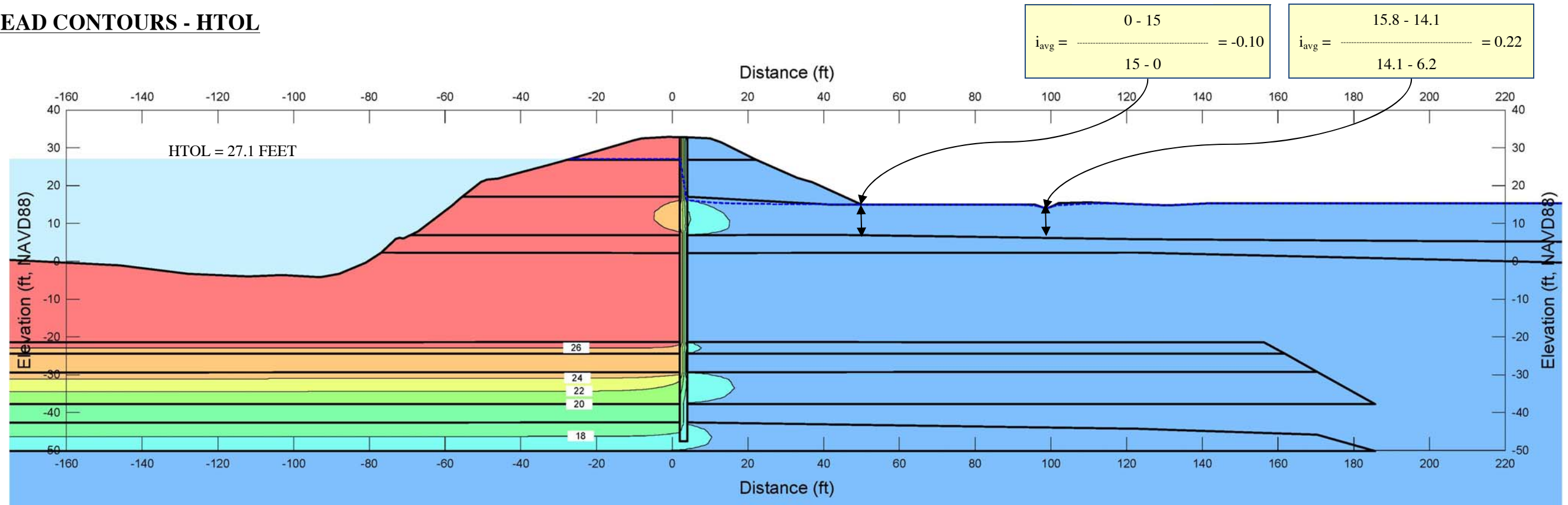
	SEEPAGE ANALYSIS REACH L1 - STA 615+10 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-44-B
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

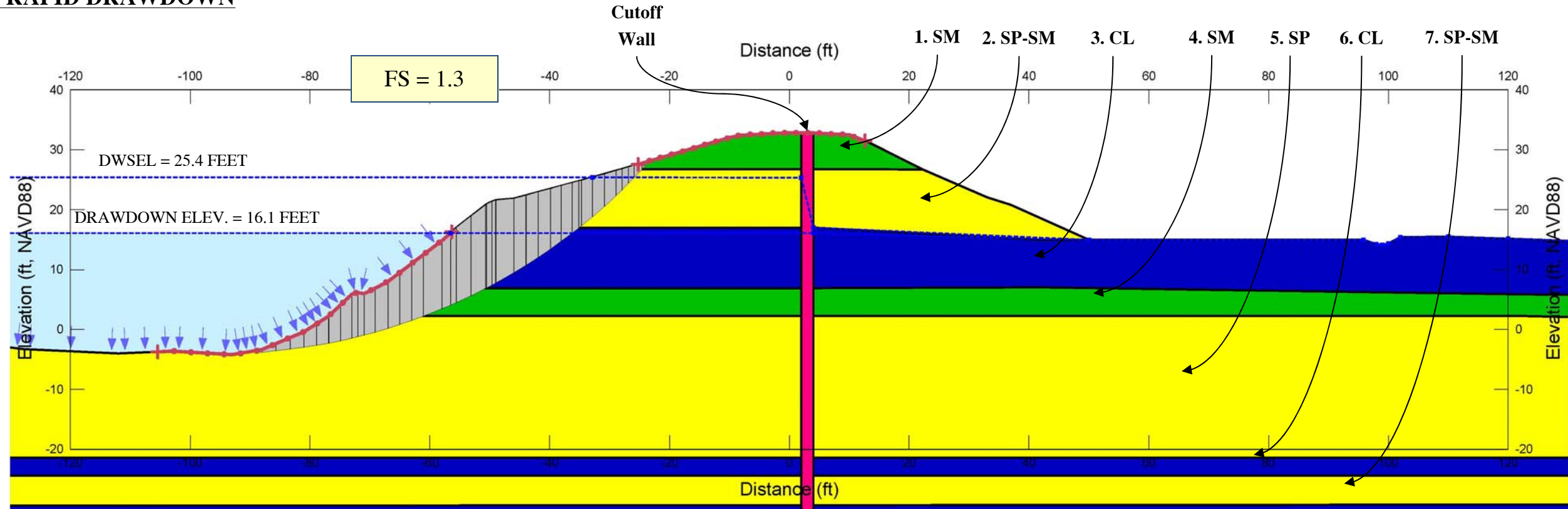
GEOMETRY OF MODEL



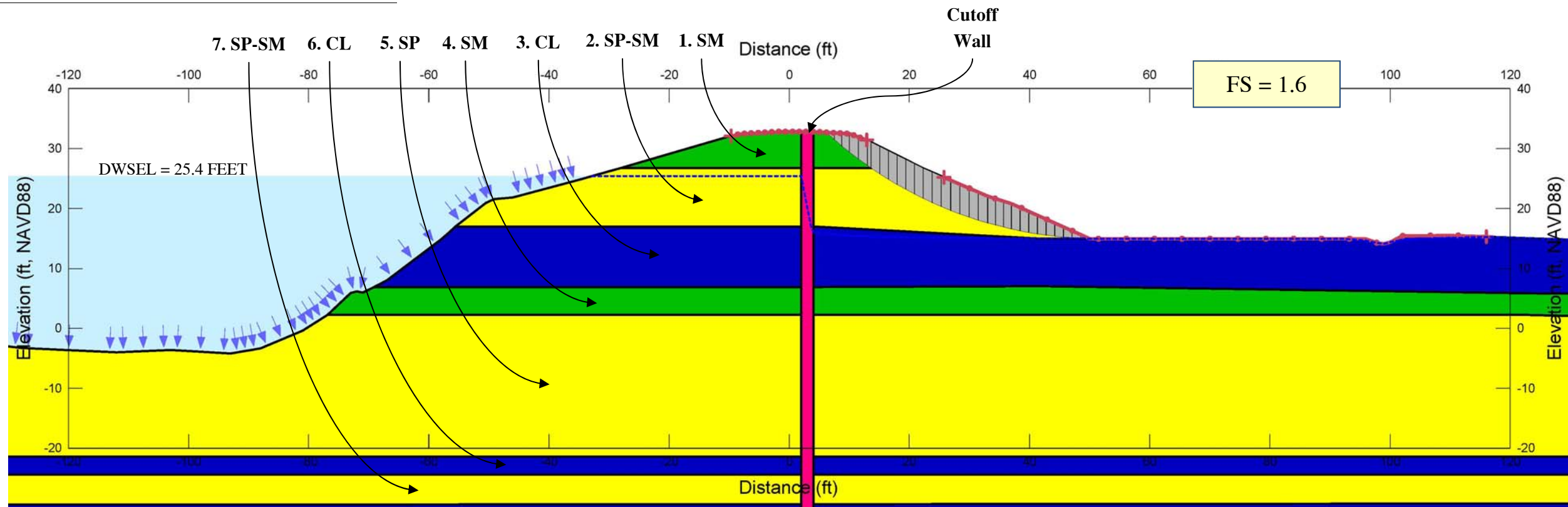
TOTAL HEAD CONTOURS - HTOL



WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 615+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

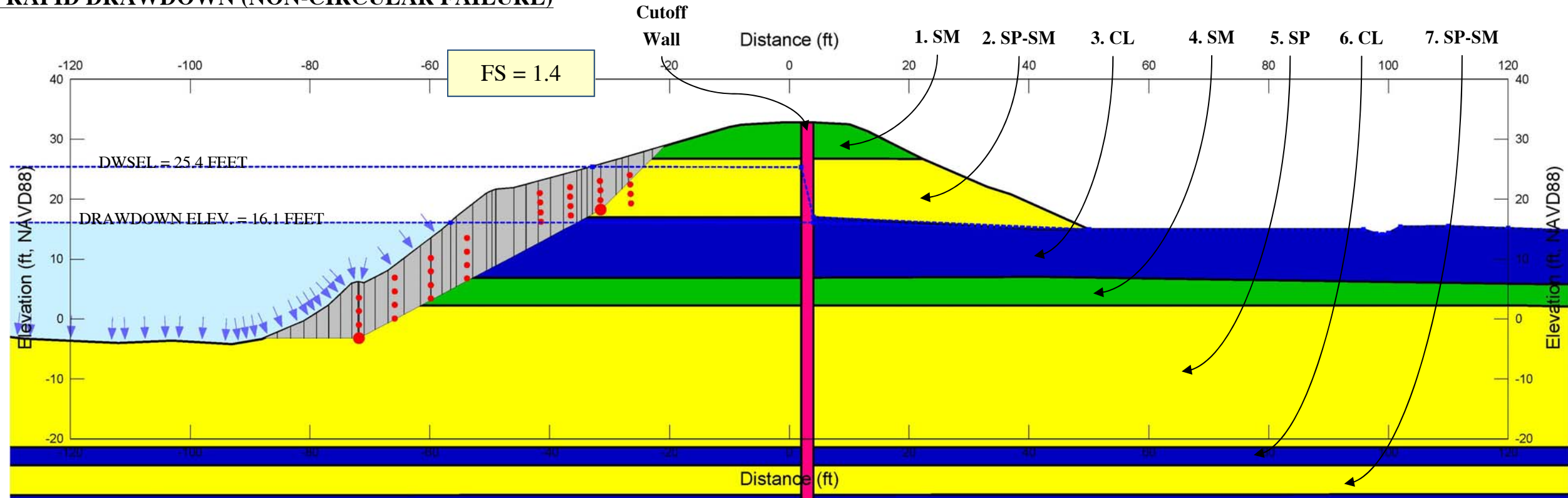
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.

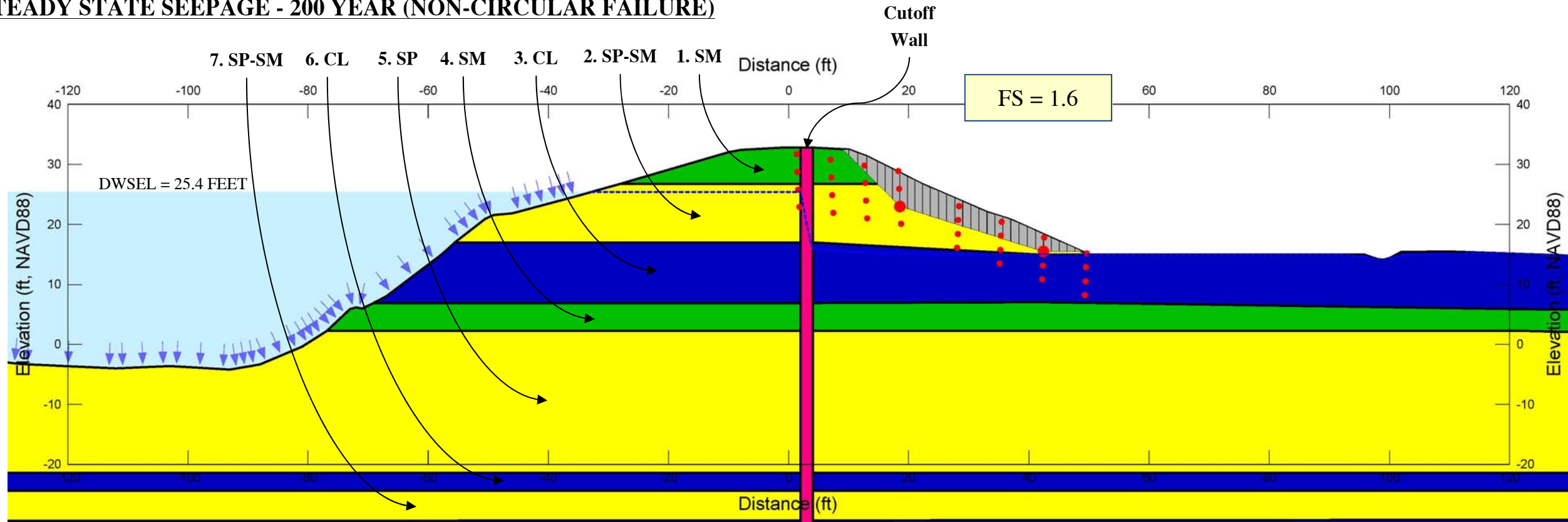
E-44-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



STATIC SLOPE STABILITY ANALYSIS
REACH L1 - STA 615+10
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

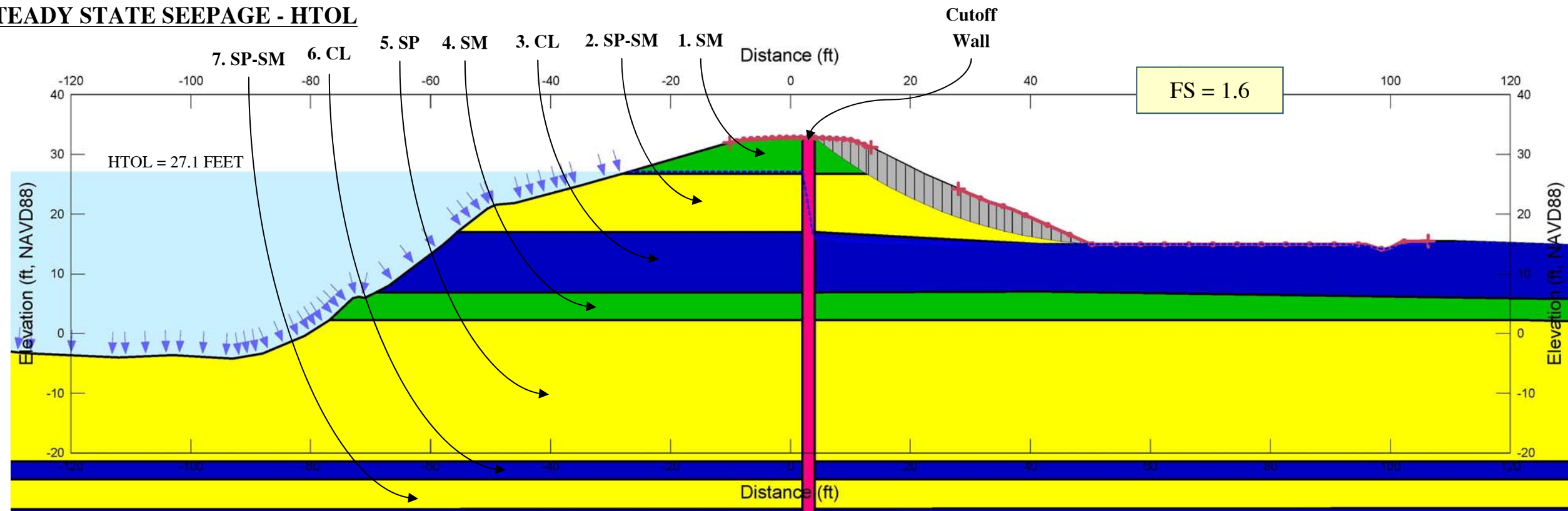
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.

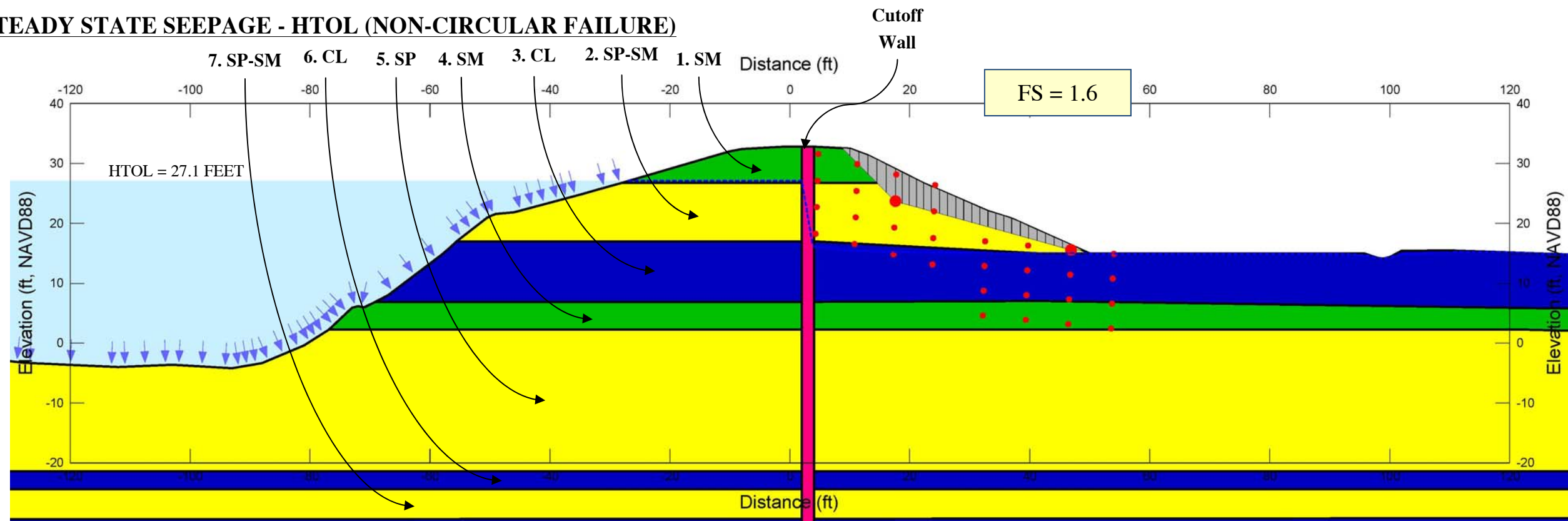
E-44-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



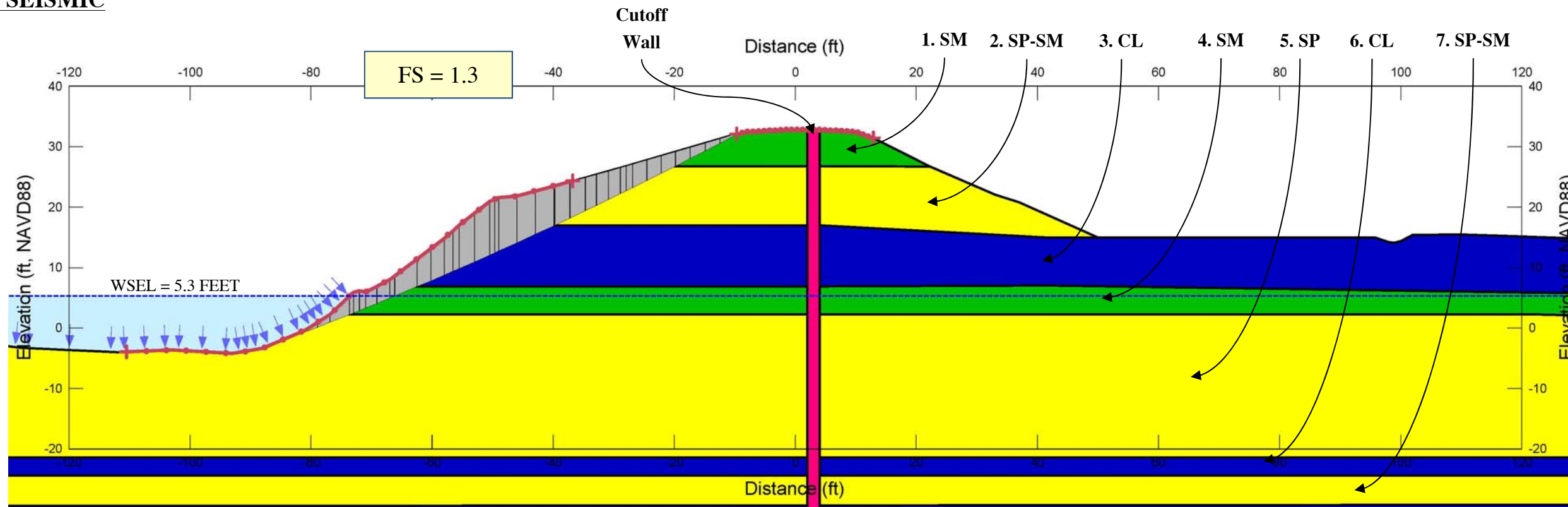
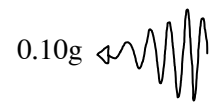
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 615+10
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

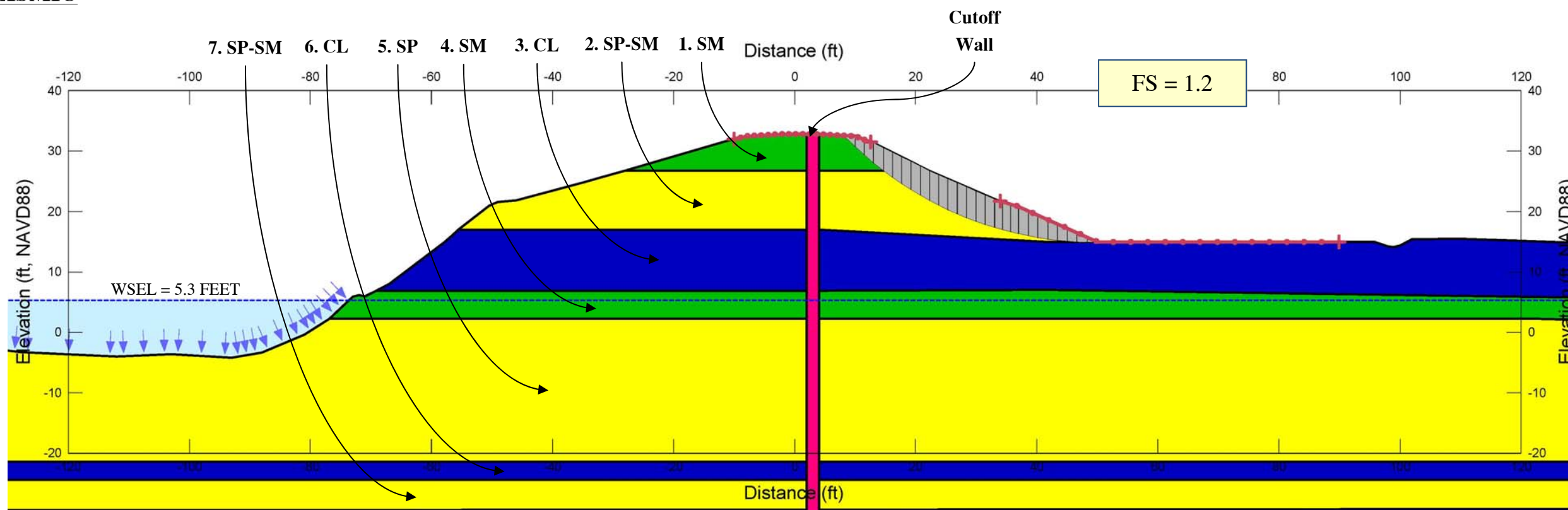
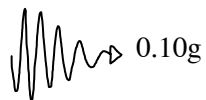
FIGURE NO.
E-44-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



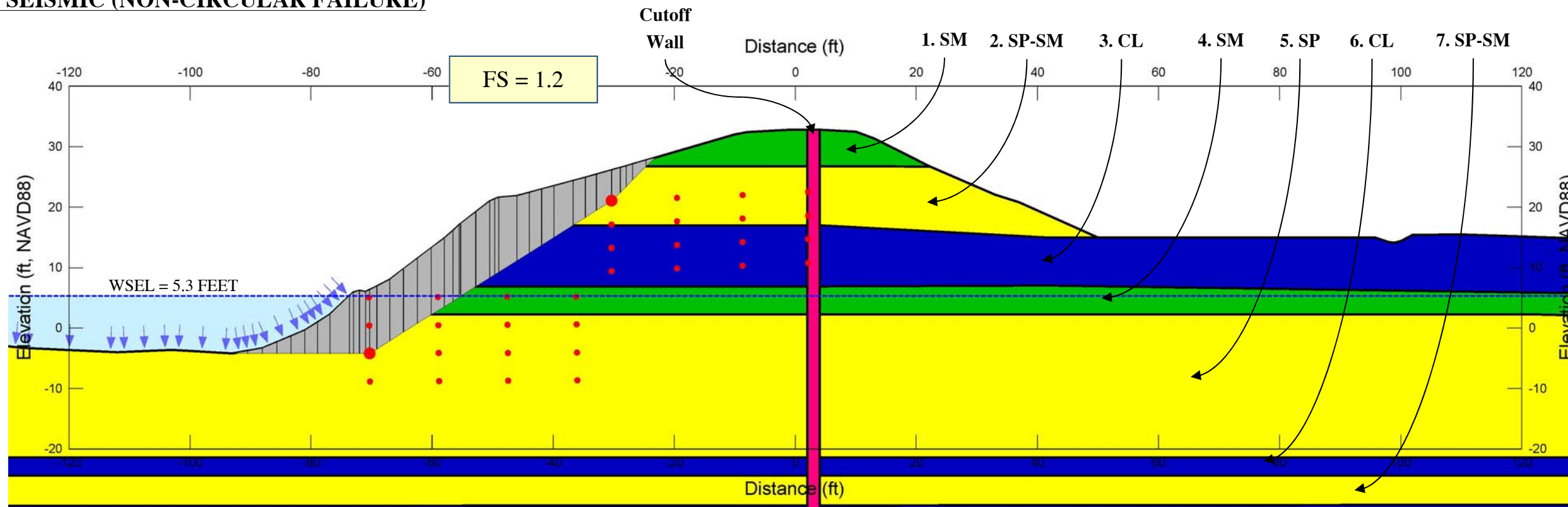
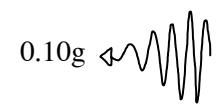
LANDSIDE SEISMIC



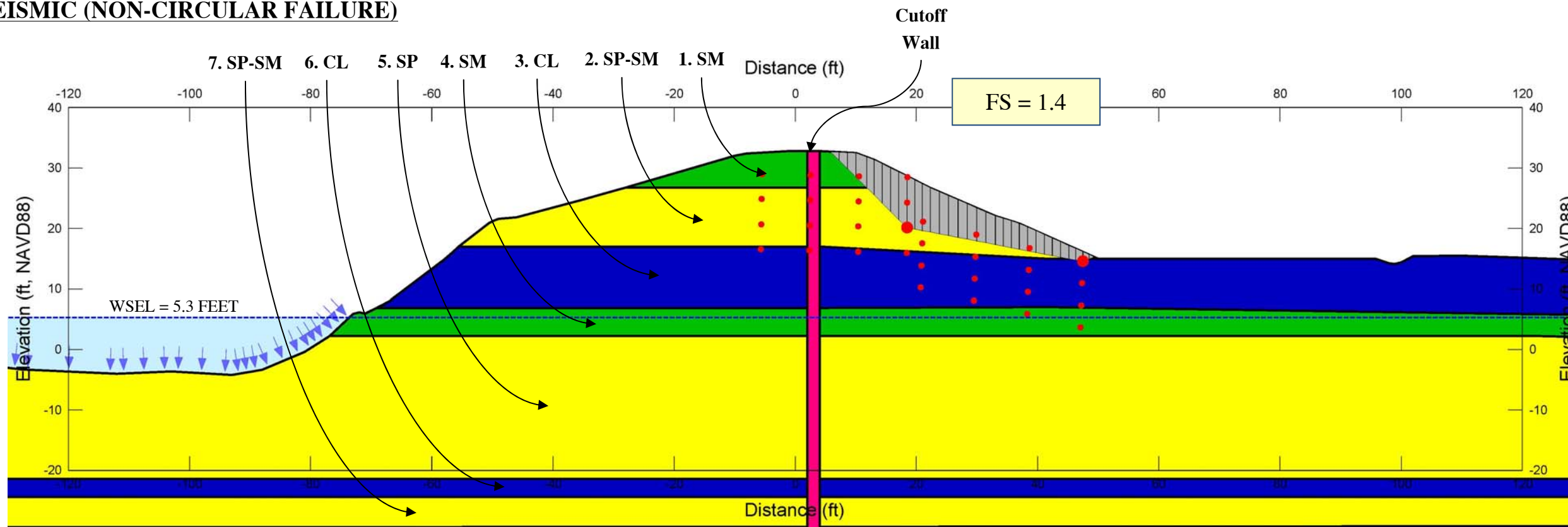
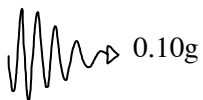
	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 615+10 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-44-G
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



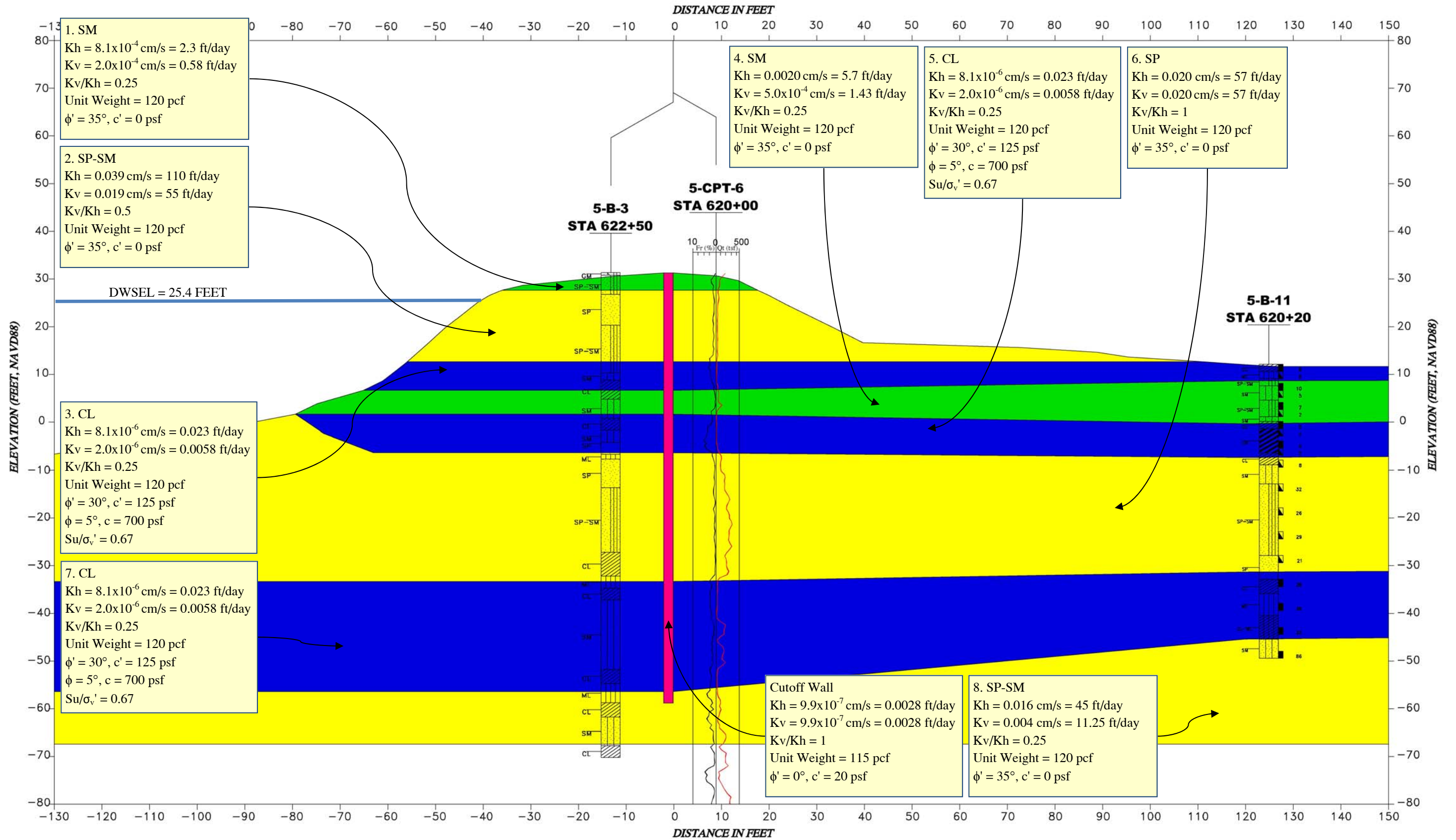
LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 615+10 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-44-H
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

WATERSIDE

LANDSIDE



200- YEAR DWSEL = 25.4 FEET



CROSS SECTION & MATERIAL PARAMETERS
 REACH L1 - STA 620+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

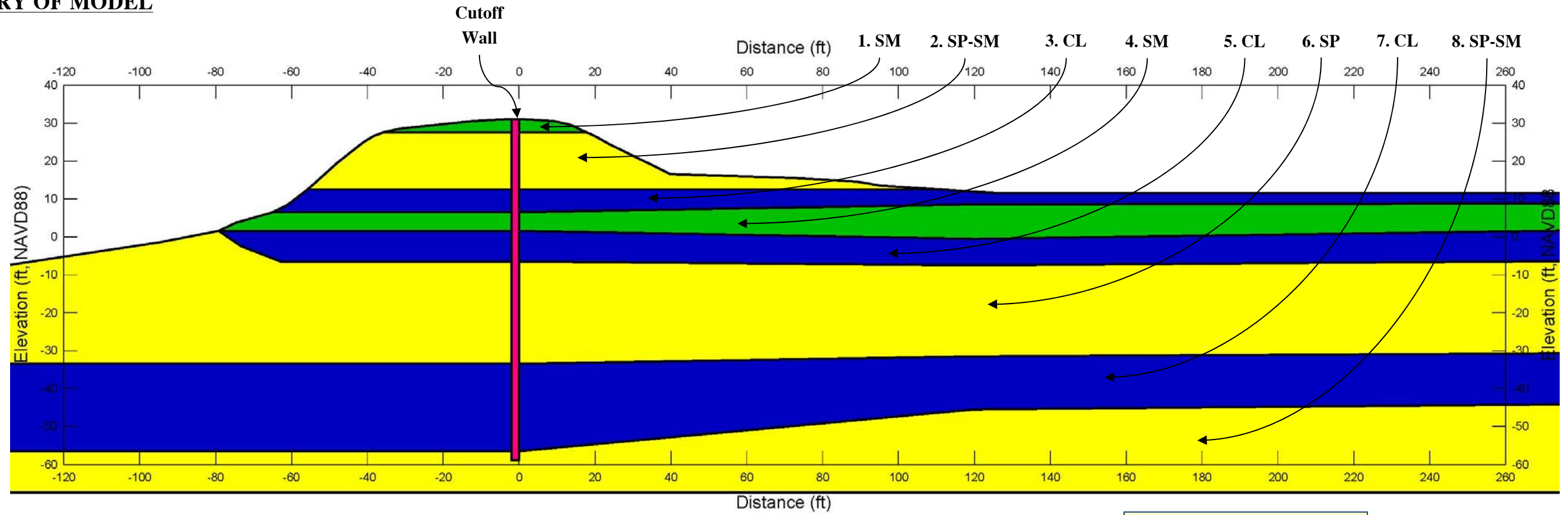
PROJECT NO.: 5747.005.000
 SCALE: NO SCALE
 DRAWN BY: AL CHECKED BY: NS

FIGURE NO.

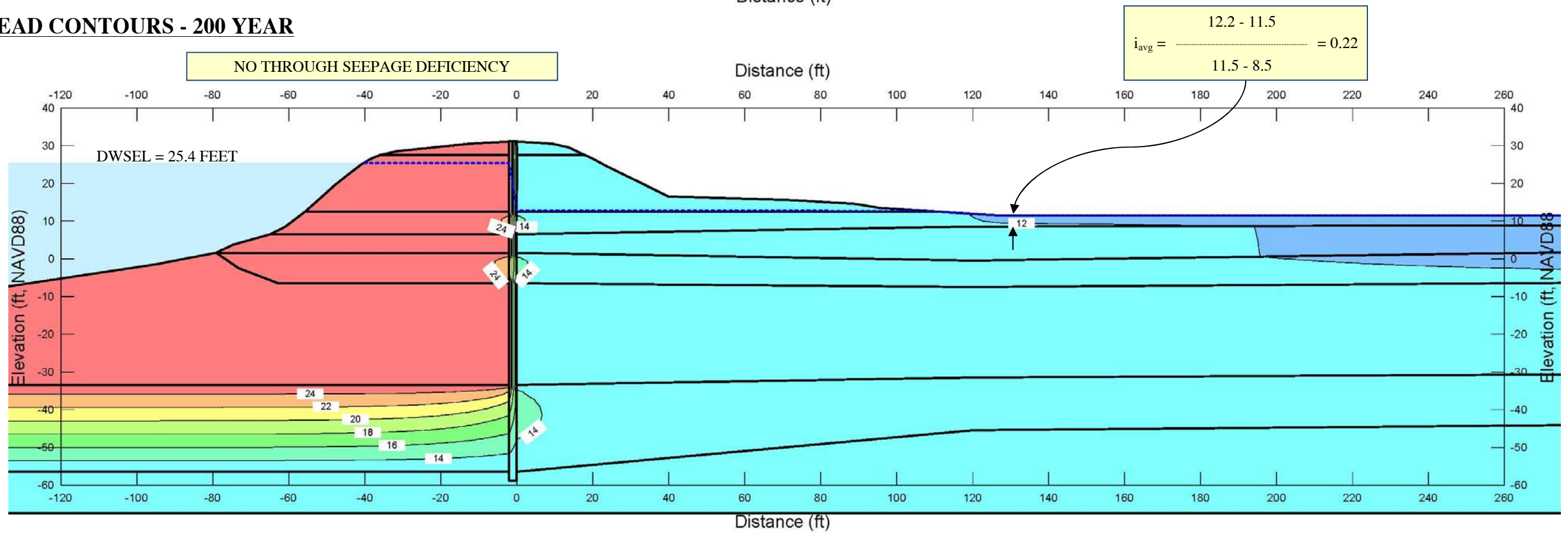
E-45-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



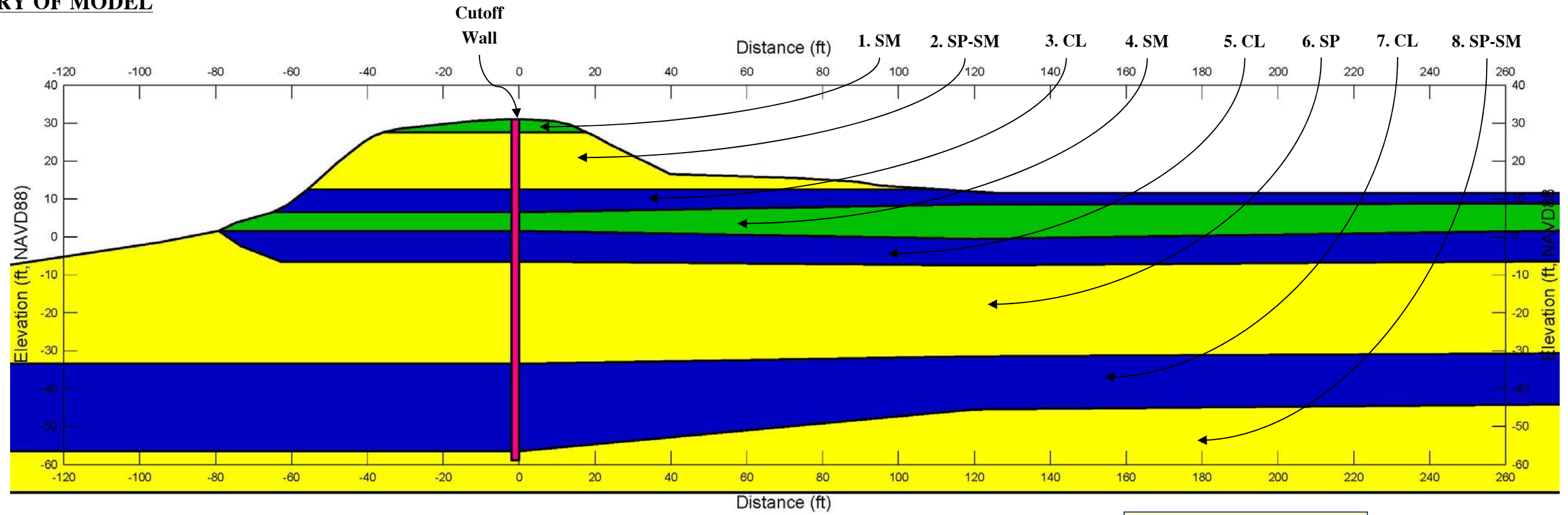
TOTAL HEAD CONTOURS - 200 YEAR



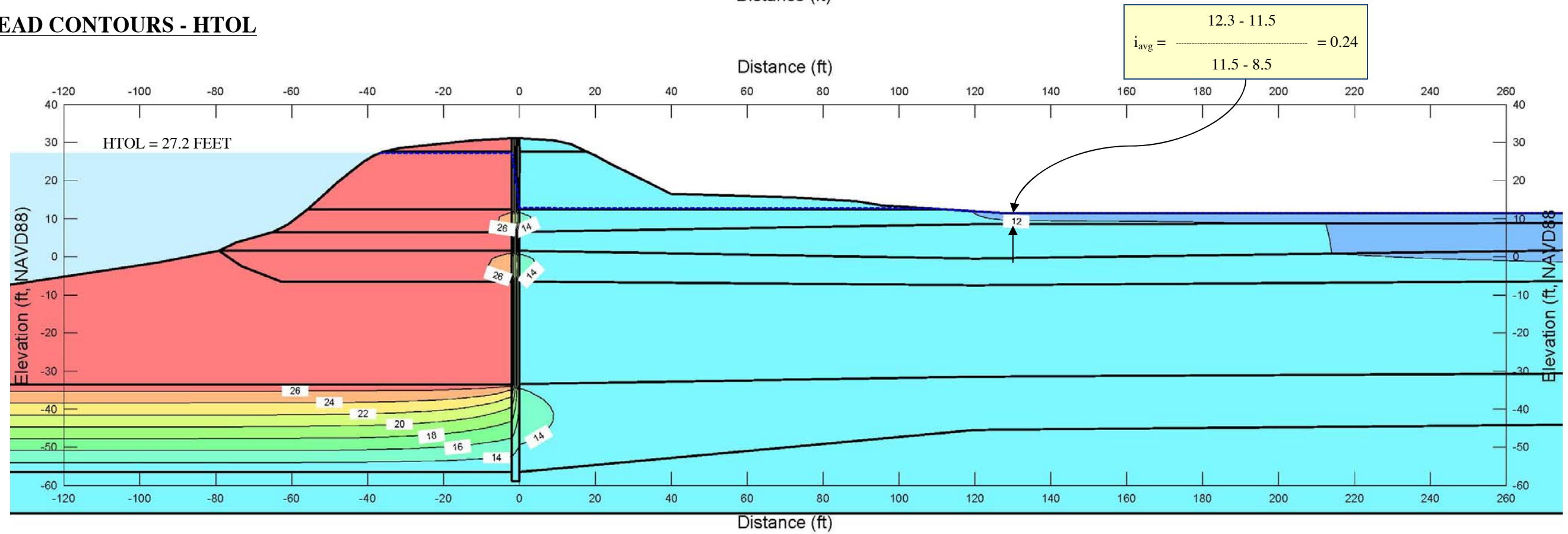
	SEEPAGE ANALYSIS REACH L1 - STA 620+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-45-B
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



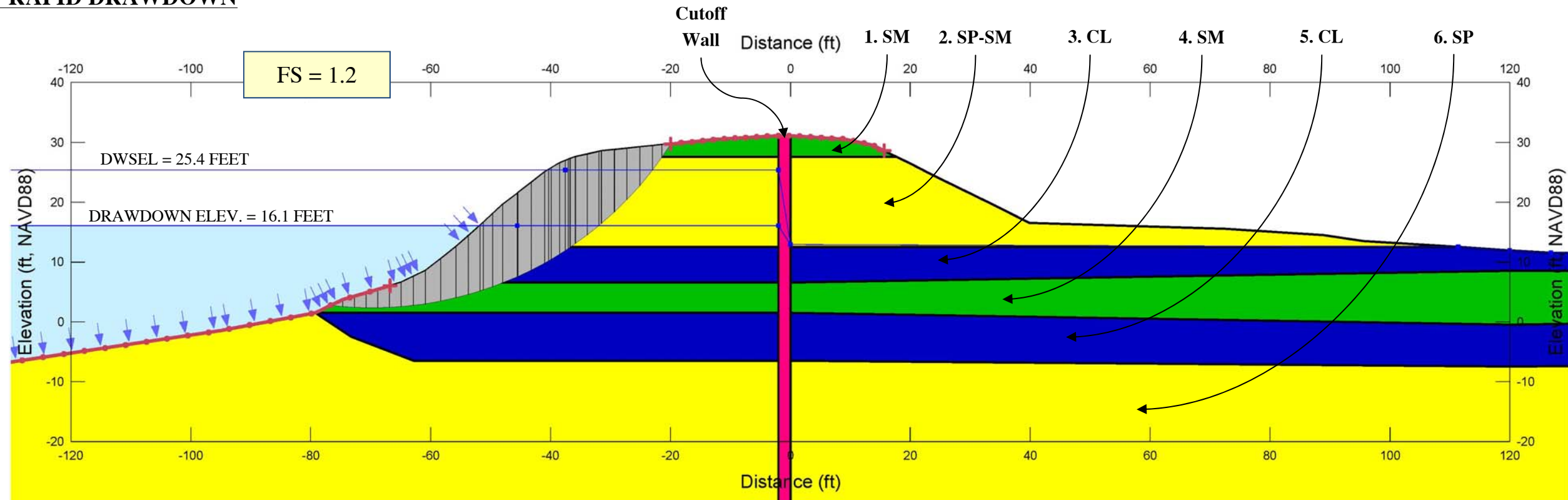
SEEPAGE ANALYSIS
REACH L1 - STA 620+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

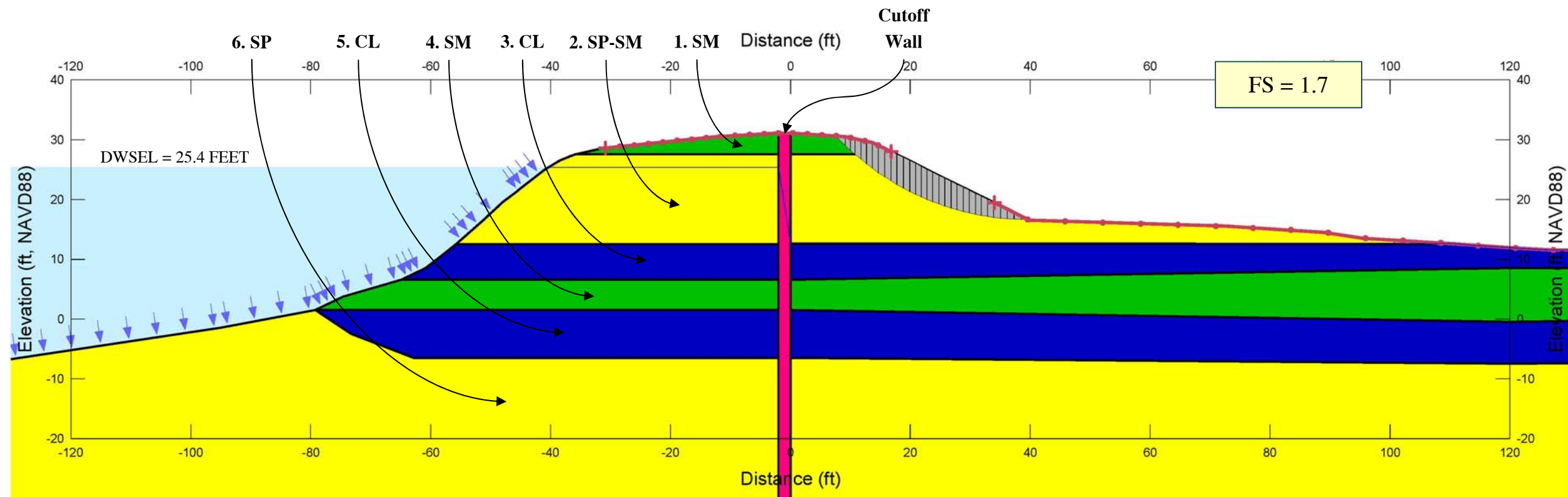
FIGURE NO.
E-45-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



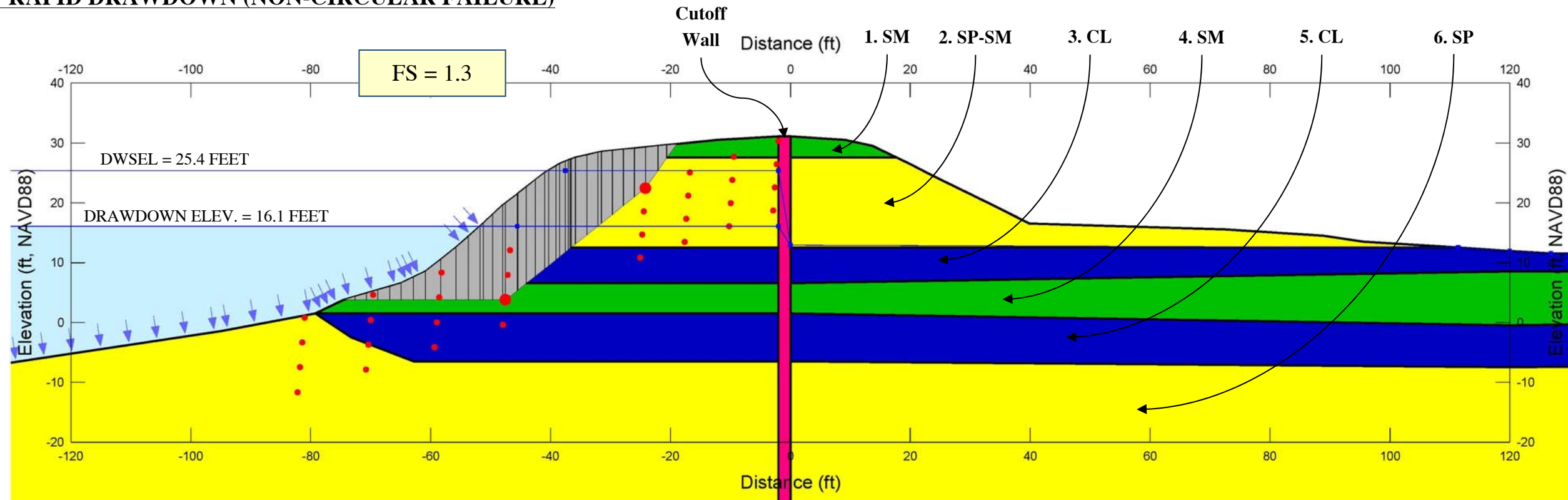
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 620+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

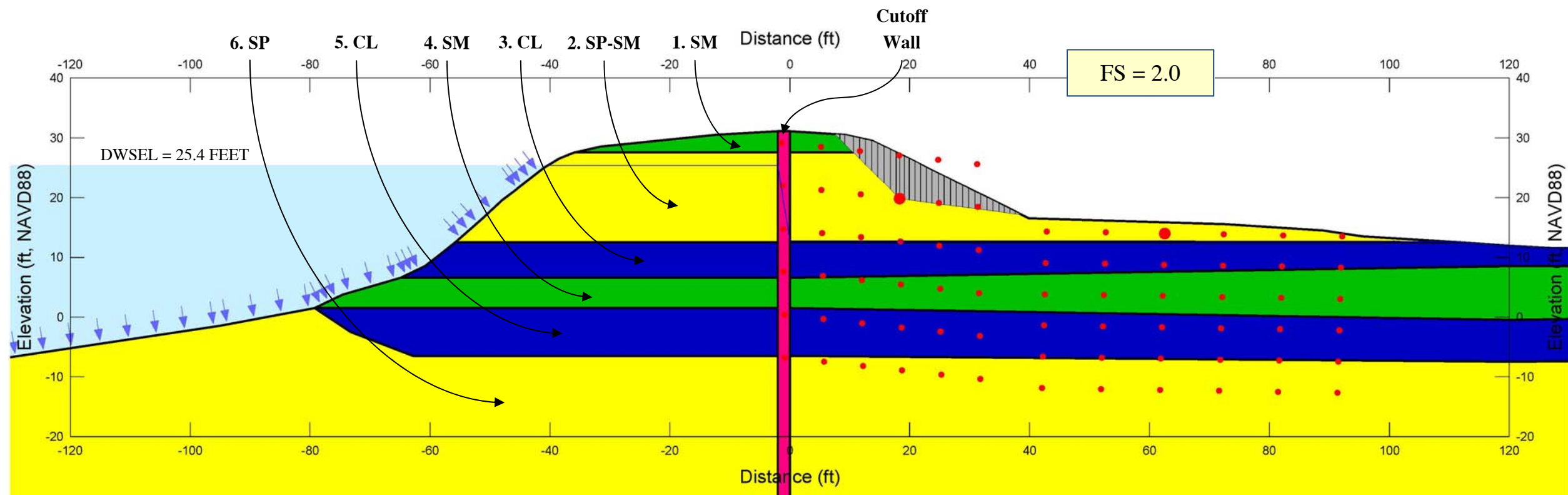
FIGURE NO.
E-45-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



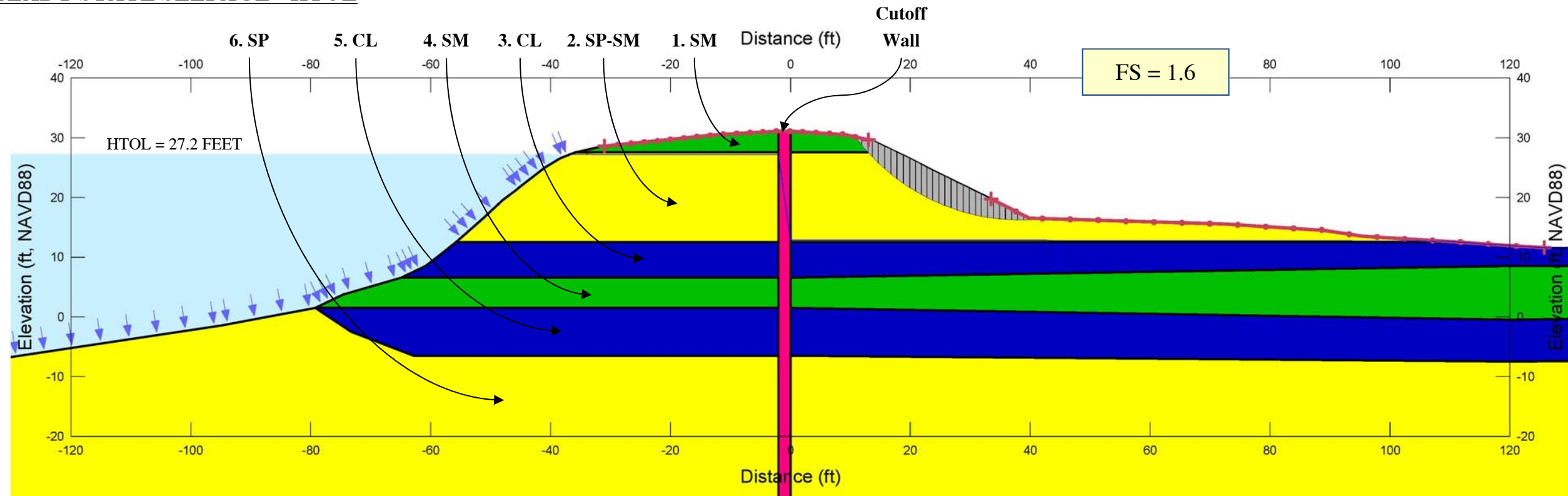
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 620+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

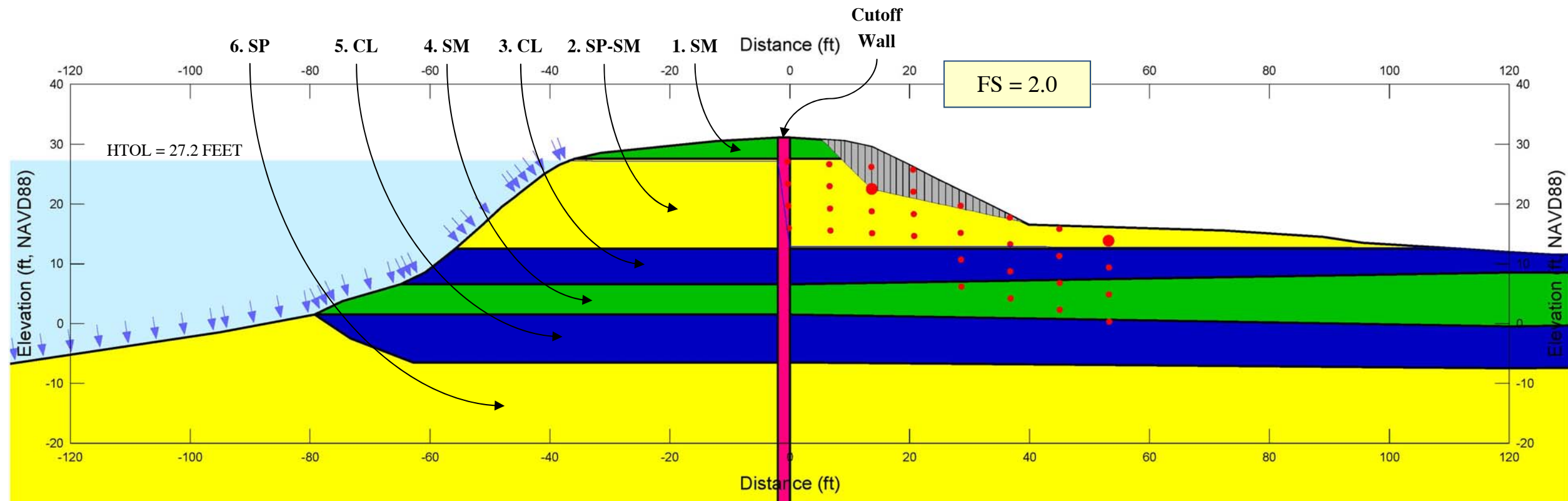
FIGURE NO.
E-45-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



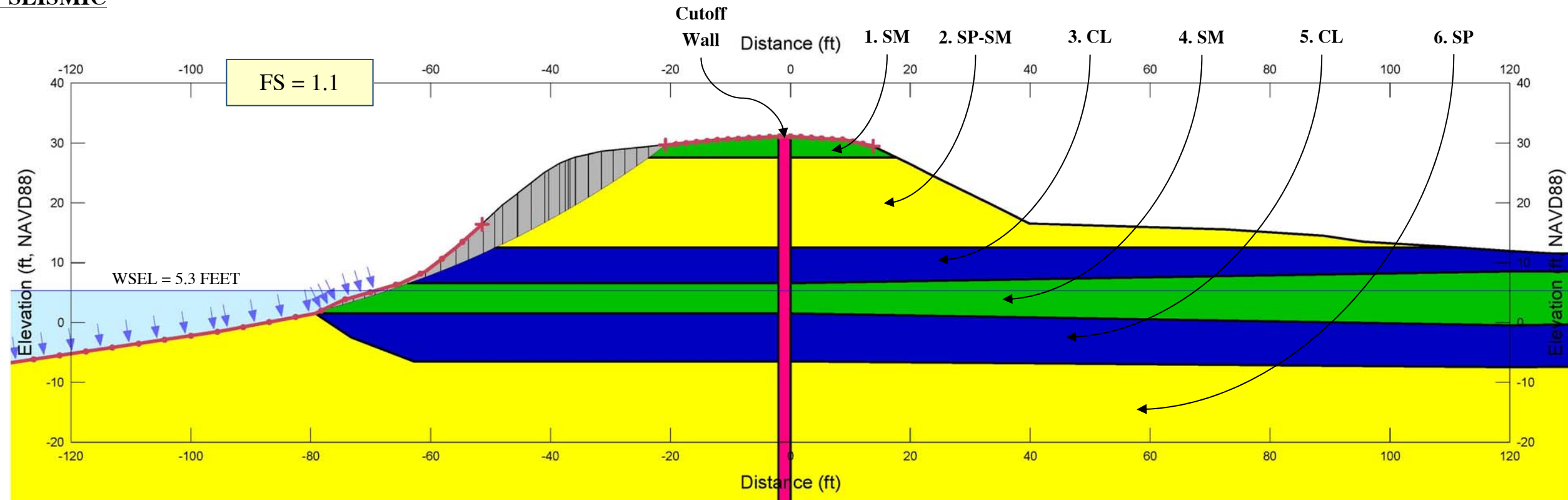
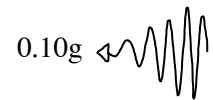
STATIC SLOPE STABILITY ANALYSIS
REACH L1 - STA 620+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000
SCALE: NO SCALE
DRAWN BY: AL
CHECKED BY: NS

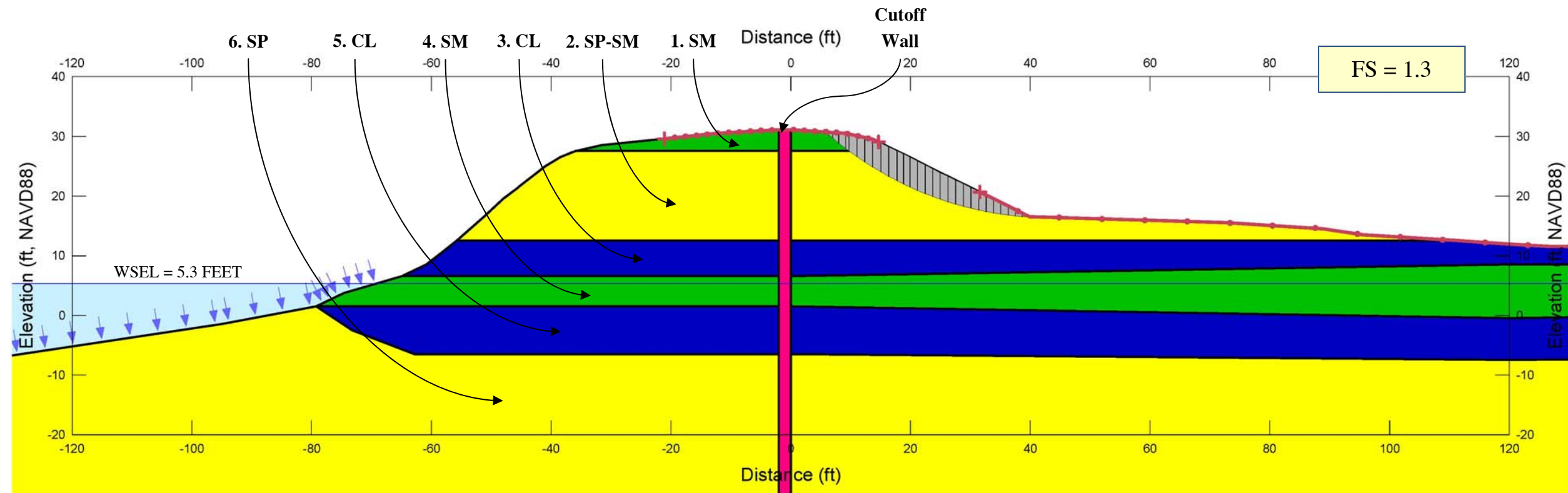
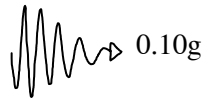
FIGURE NO.
E-45-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



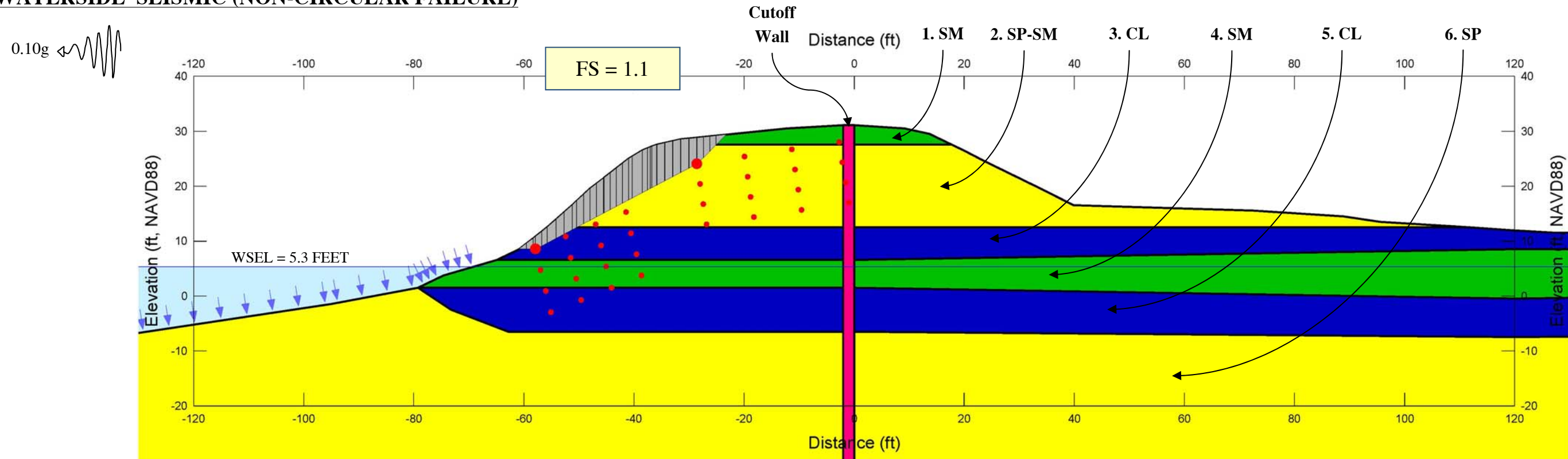
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 620+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

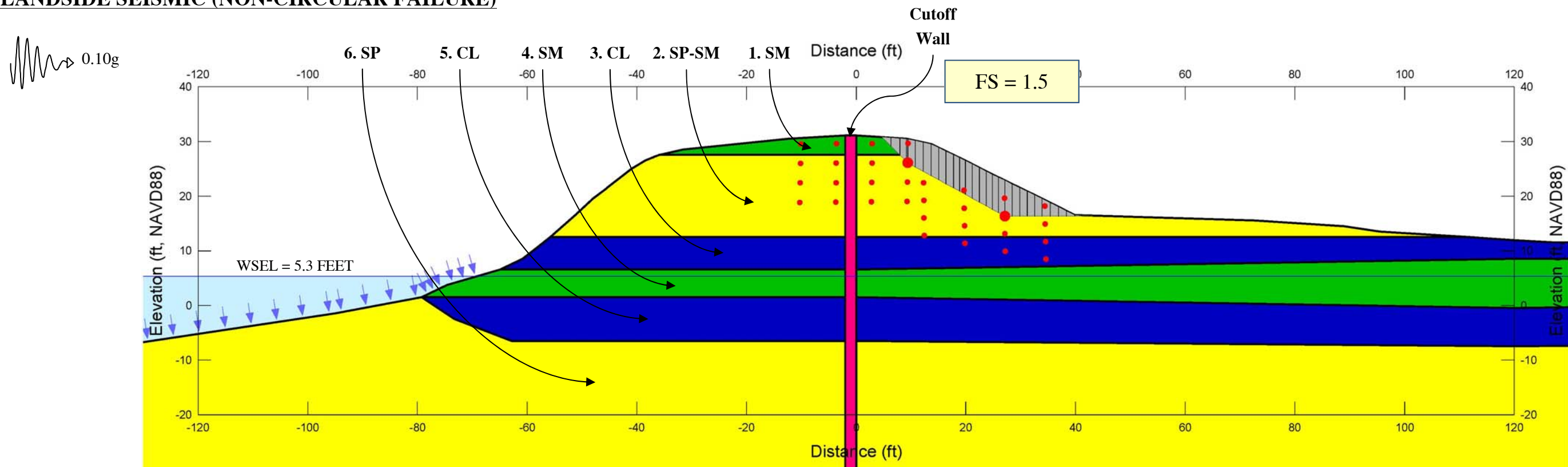
FIGURE NO.
E-45-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



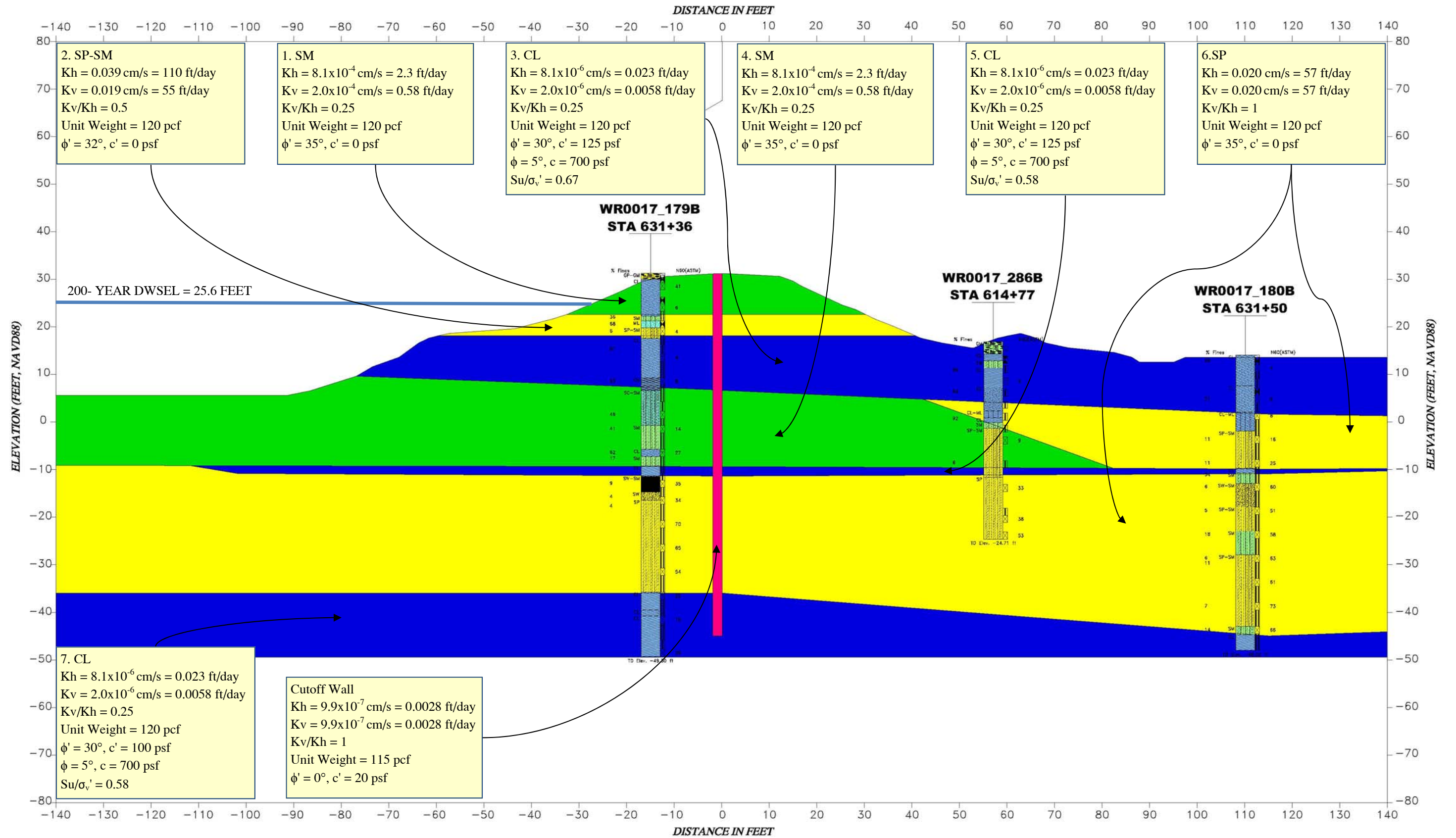
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 620+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.
E-45-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



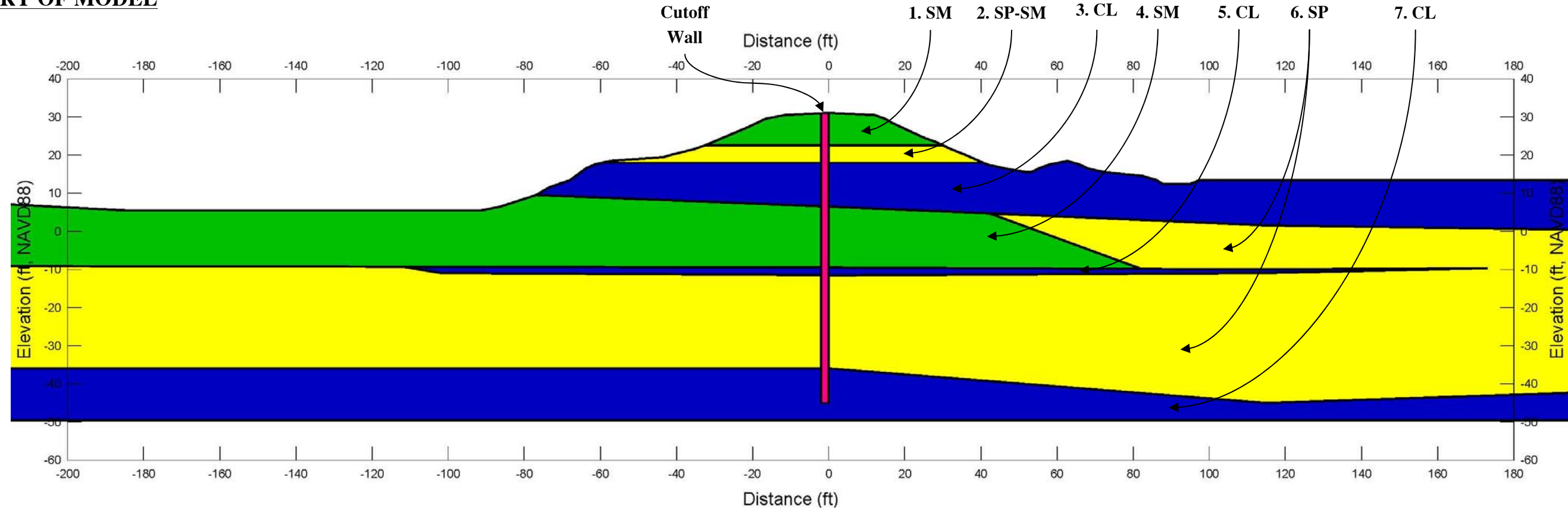
CROSS SECTION & MATERIAL PARAMETERS
 REACH L1 - STA 631+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZH
CHECKED BY:	JB

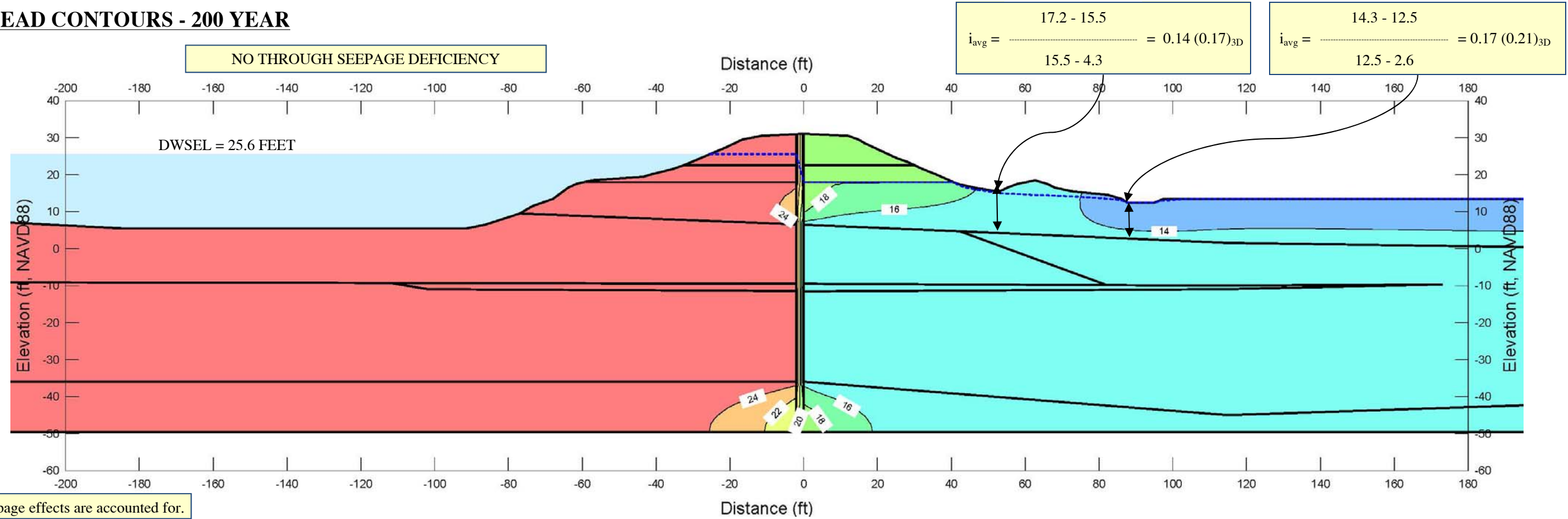
FIGURE NO.
E-46-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR

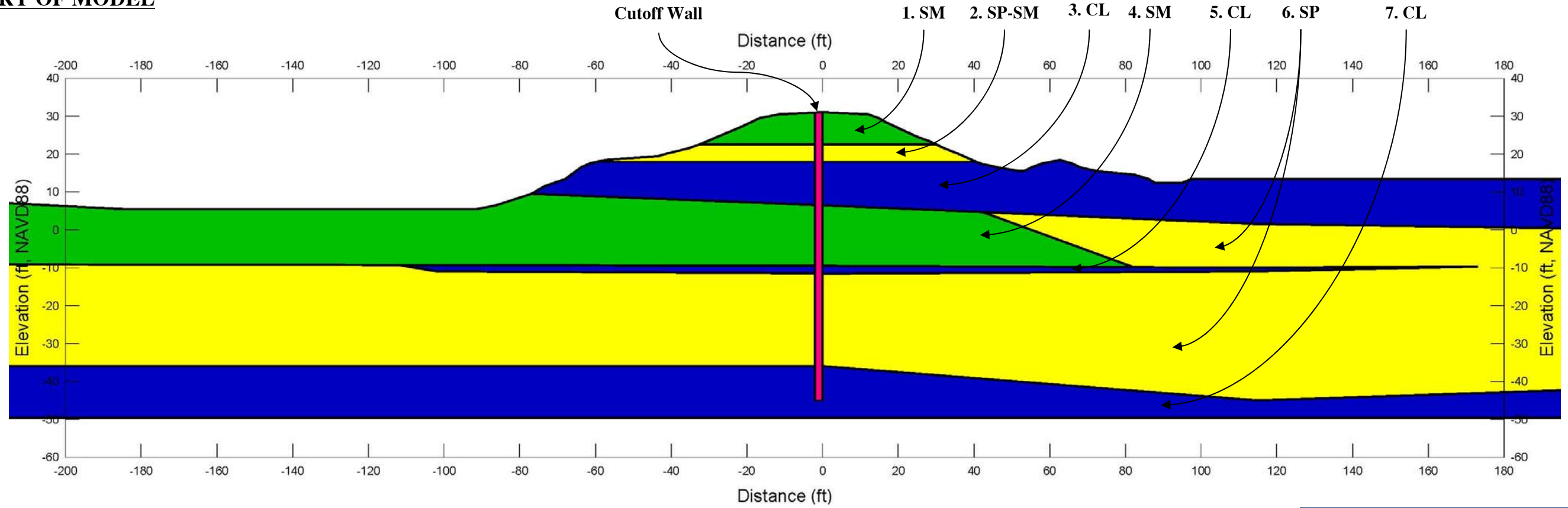


Note: 3D seepage effects are accounted for.

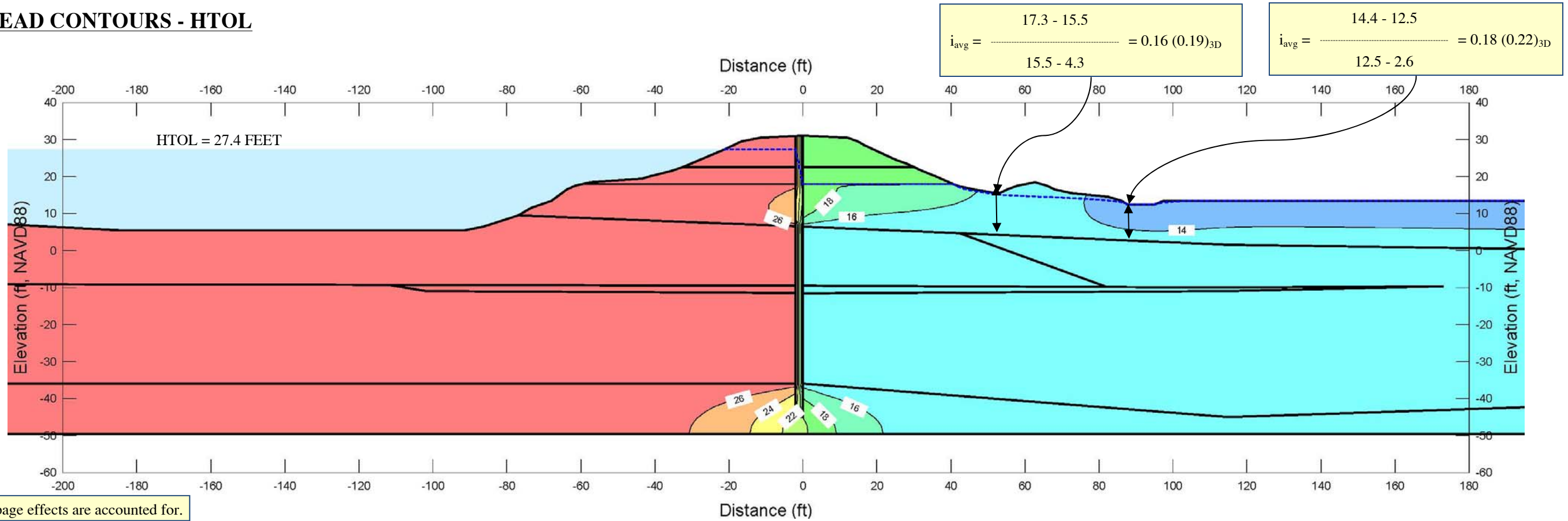
	SEEPAGE ANALYSIS REACH L1 - STA 631+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-46-B
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



Note: 3D seepage effects are accounted for.



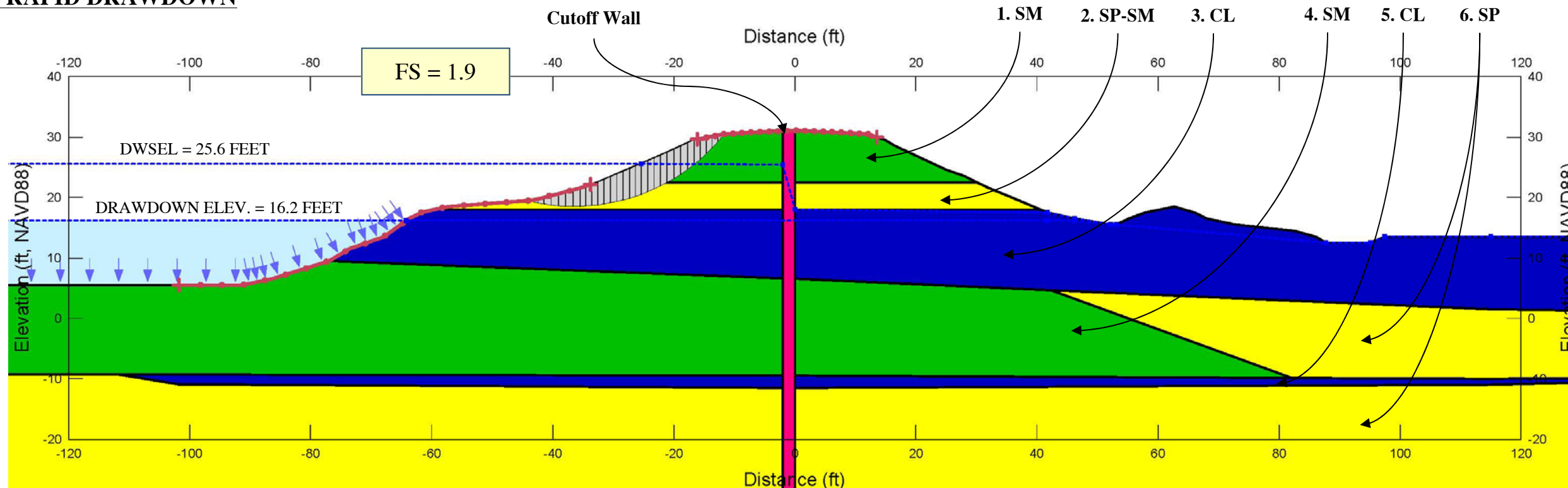
SEEPAGE ANALYSIS
REACH L1 - STA 631+50
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

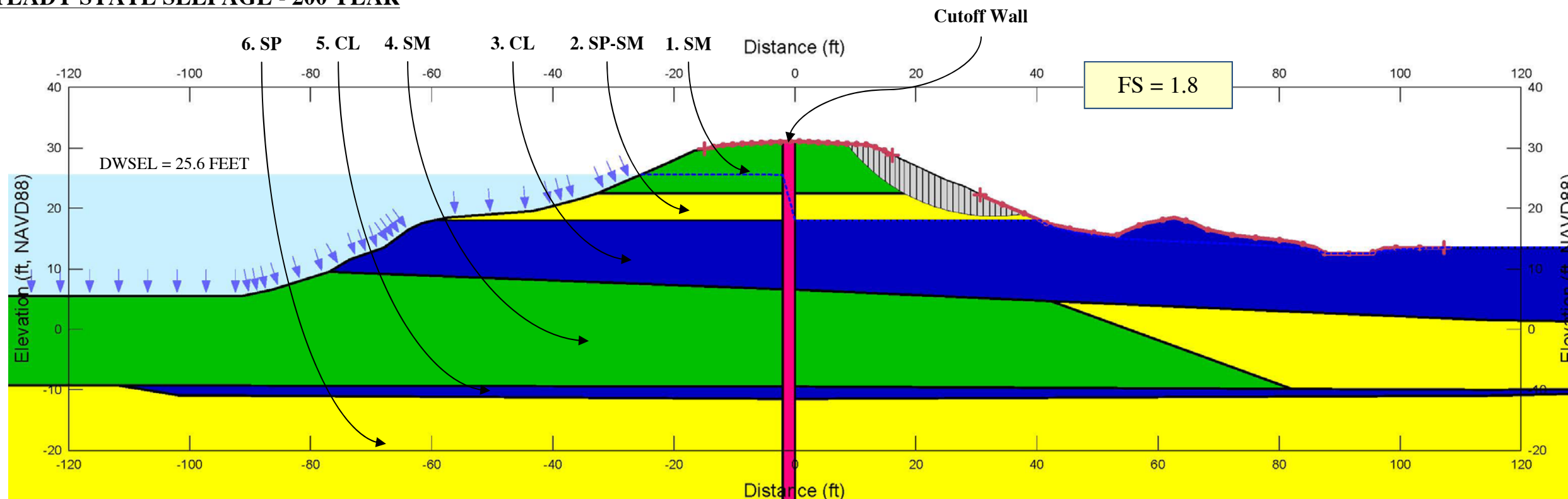
FIGURE NO.
E-46-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



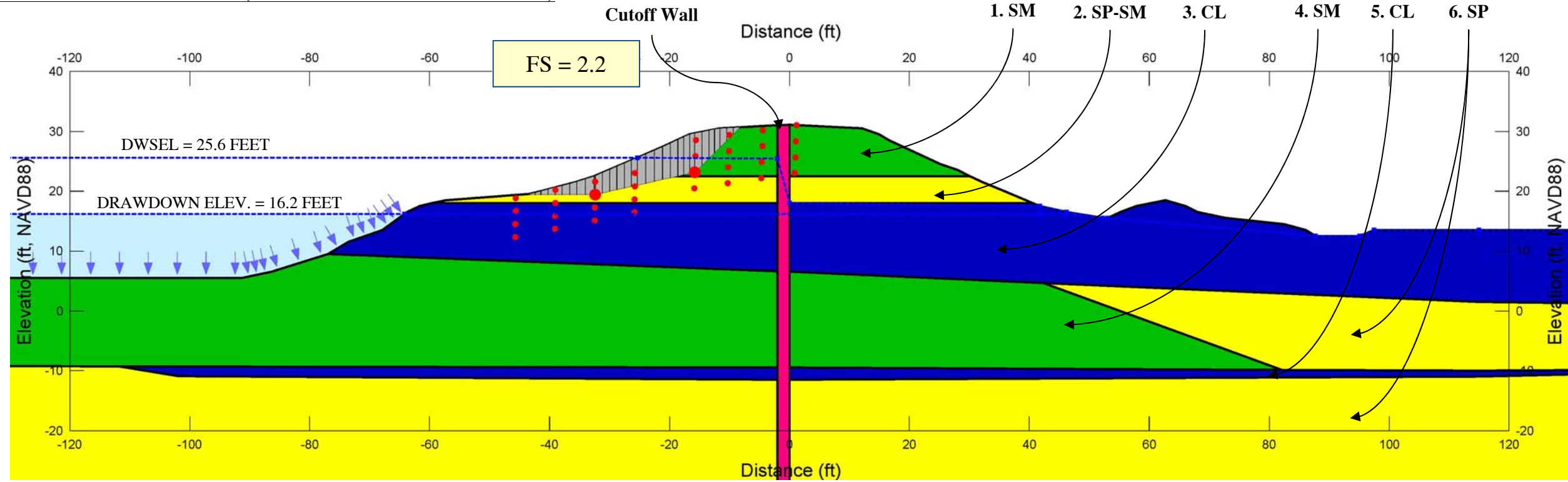
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



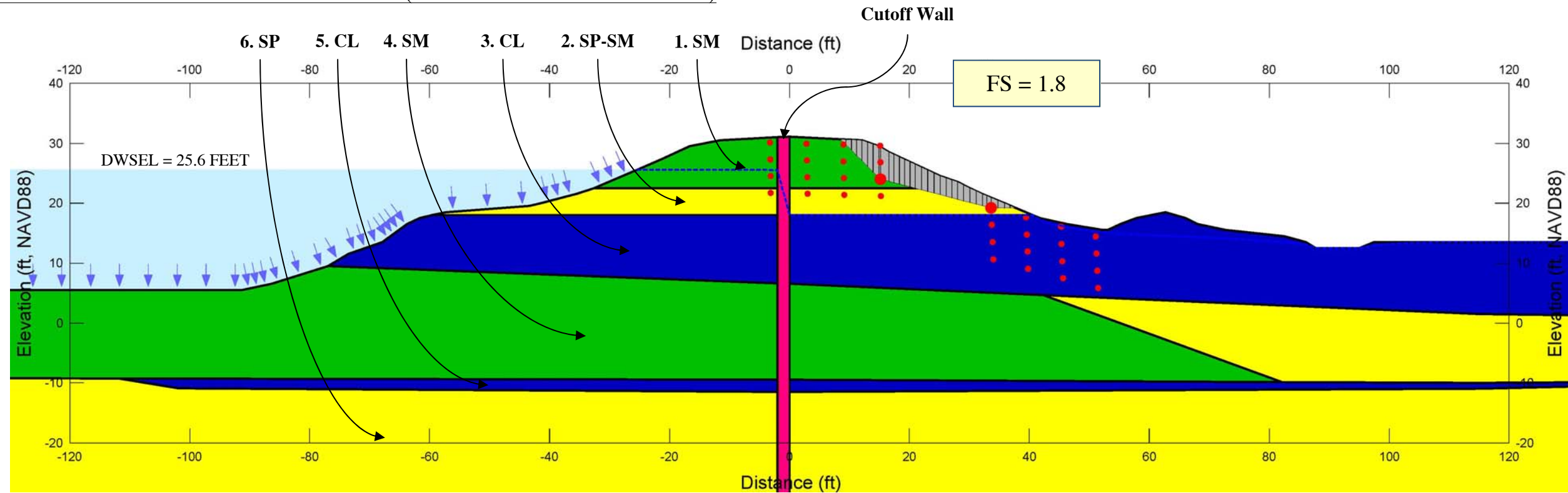
	STATIC SLOPE STABILITY ANALYSIS REACH L1 - STA 631+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-46-D
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



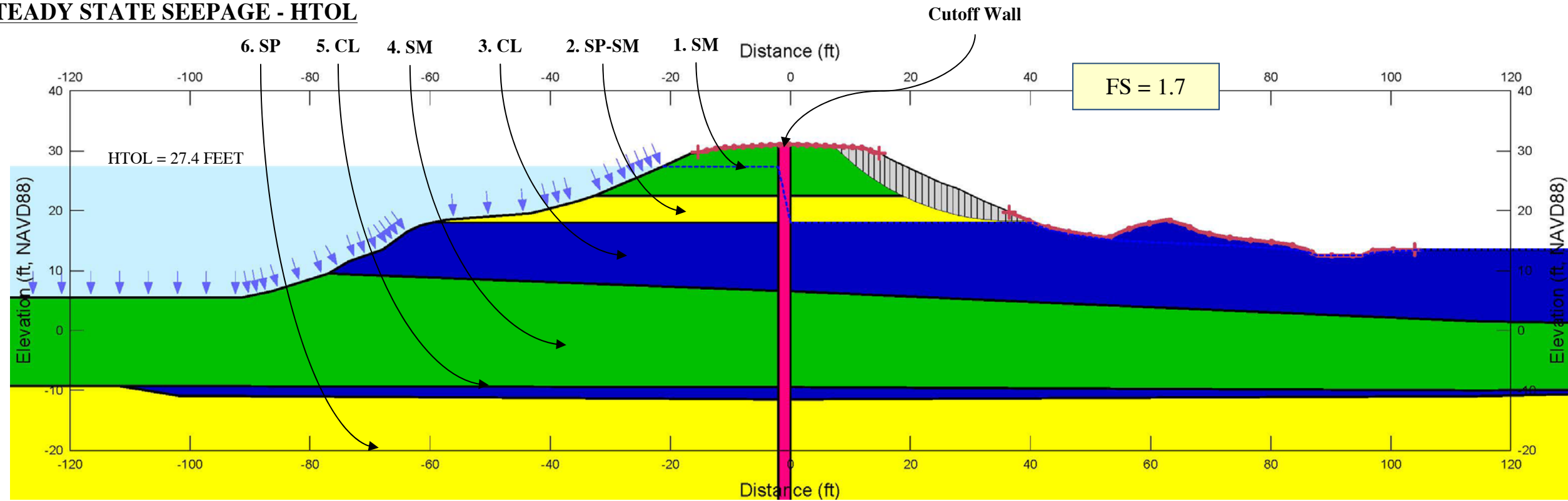
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 631+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

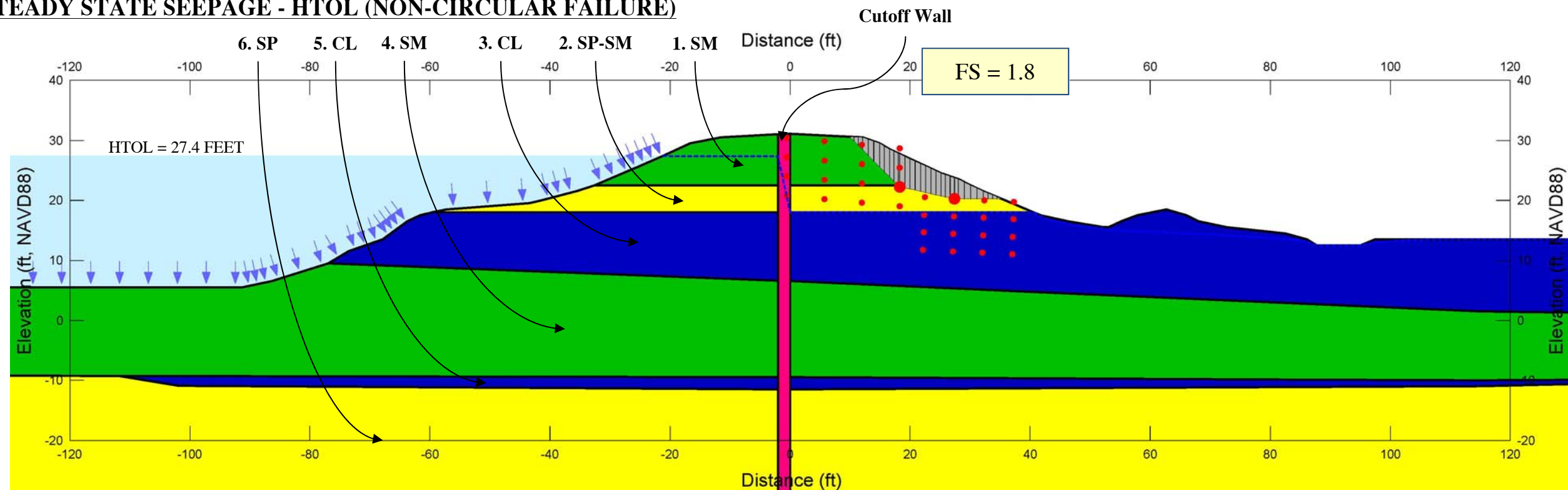
FIGURE NO.
E-46-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



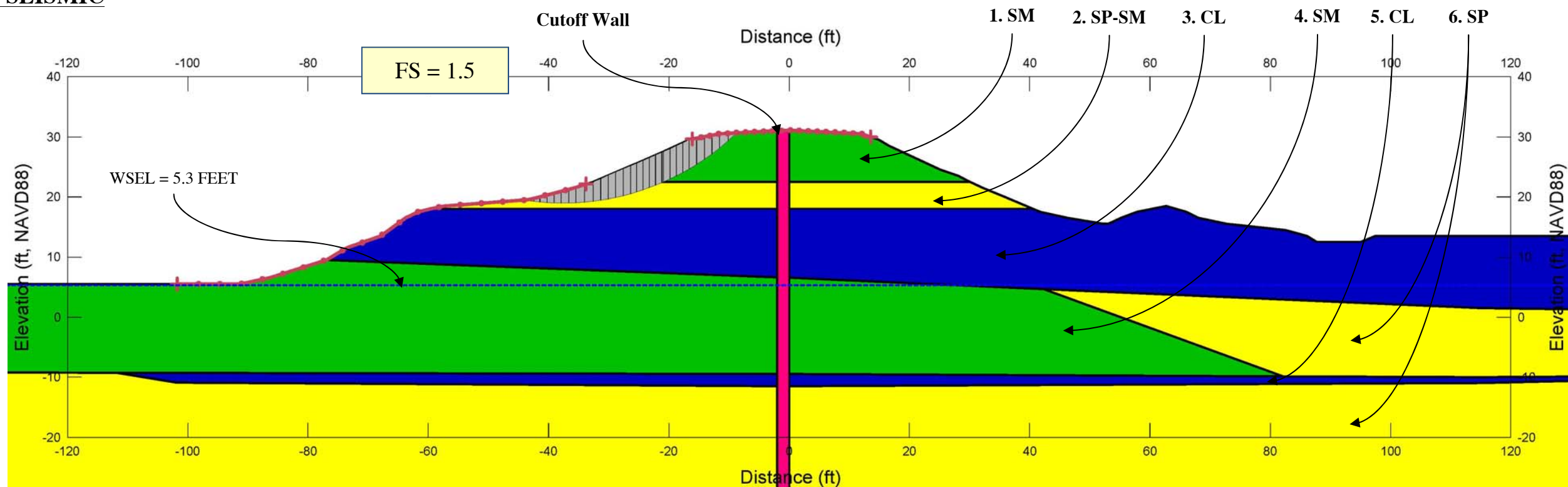
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 631+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

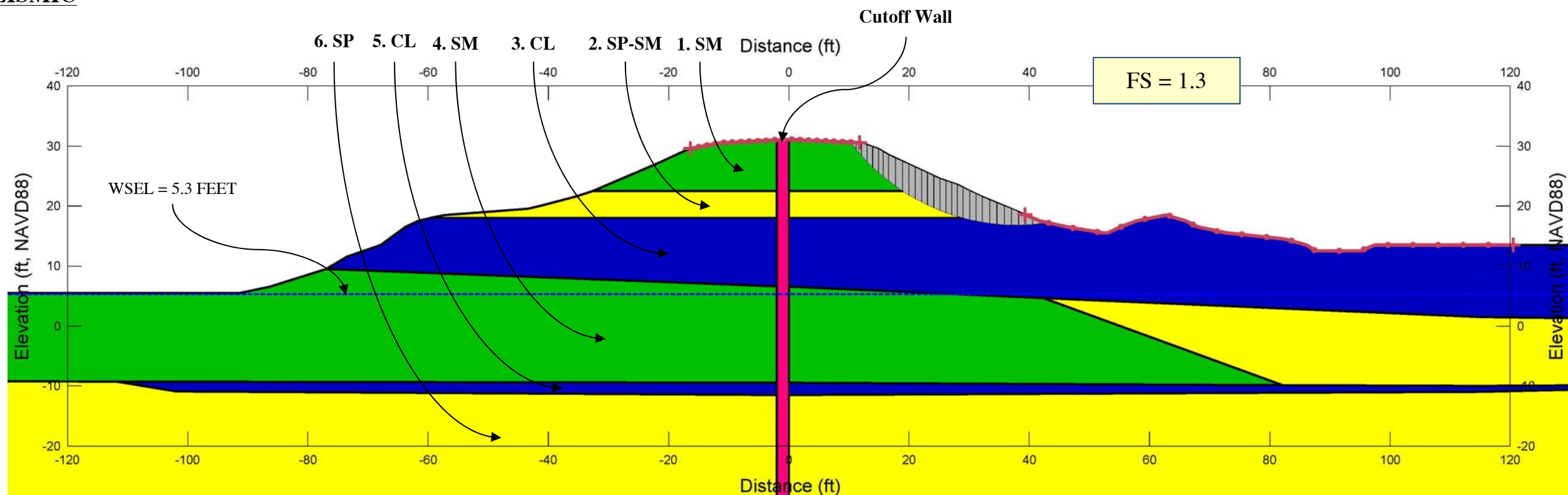
FIGURE NO.
E-46-F


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



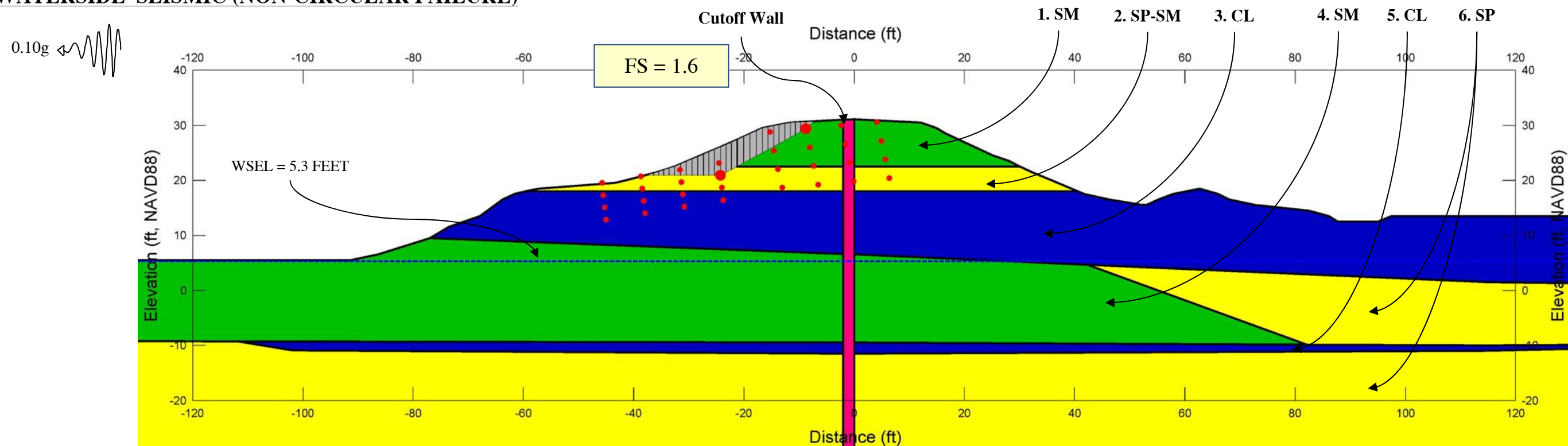
LANDSIDE SEISMIC



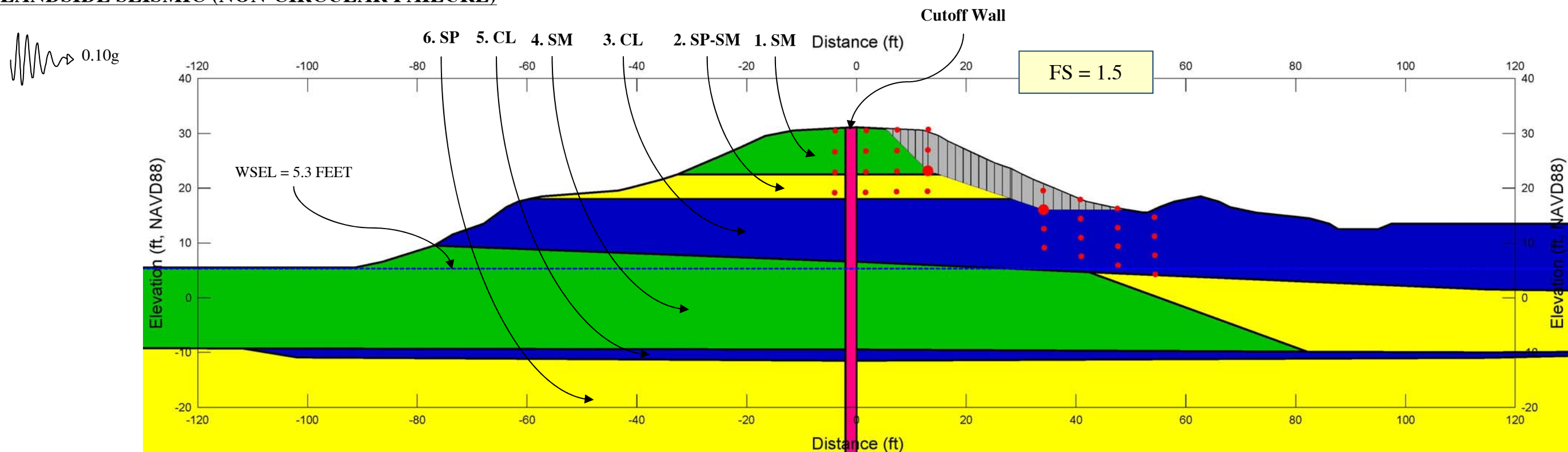
 Expect Excellence	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 631+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-46-G
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



SEISMIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 631+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

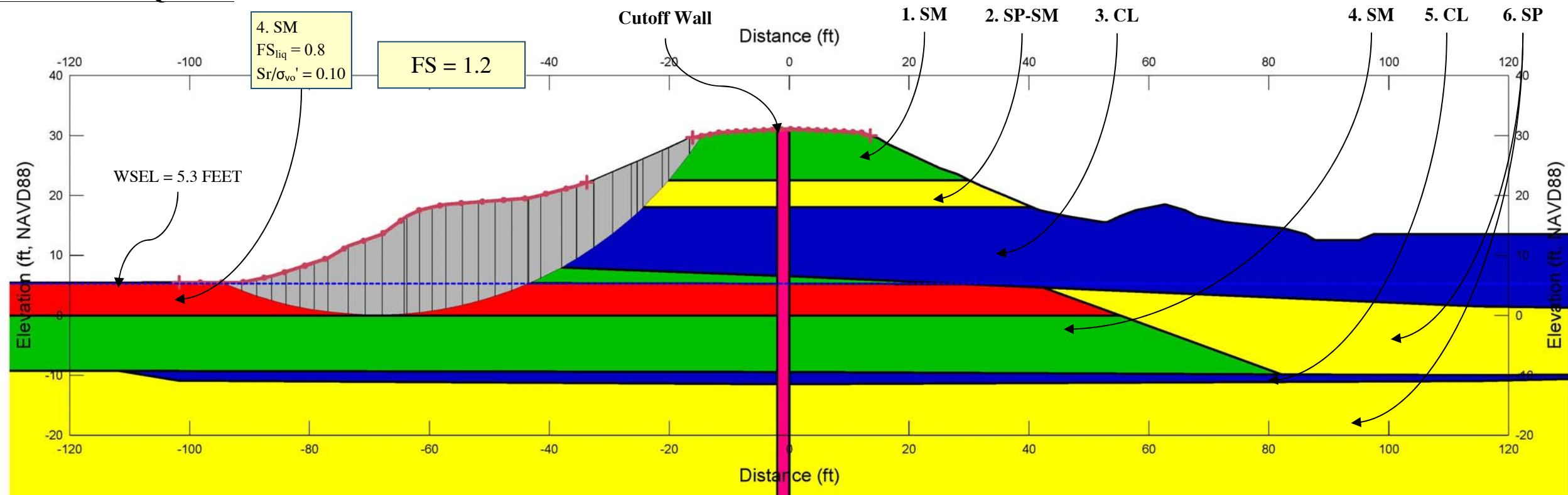
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.

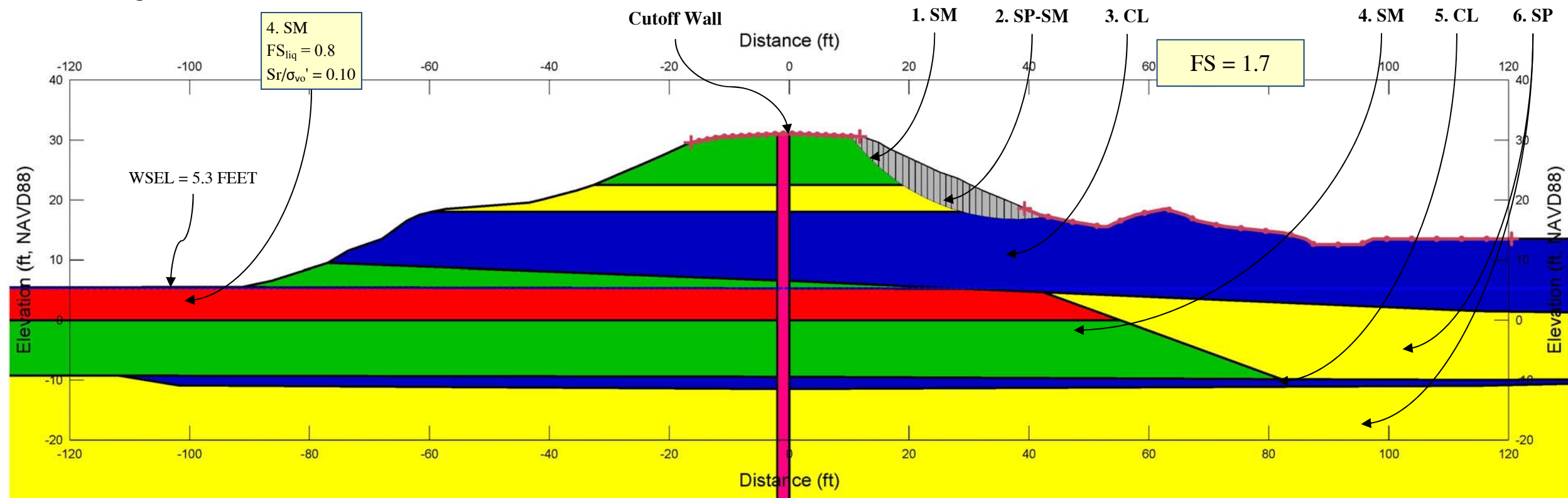
E-46-H


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



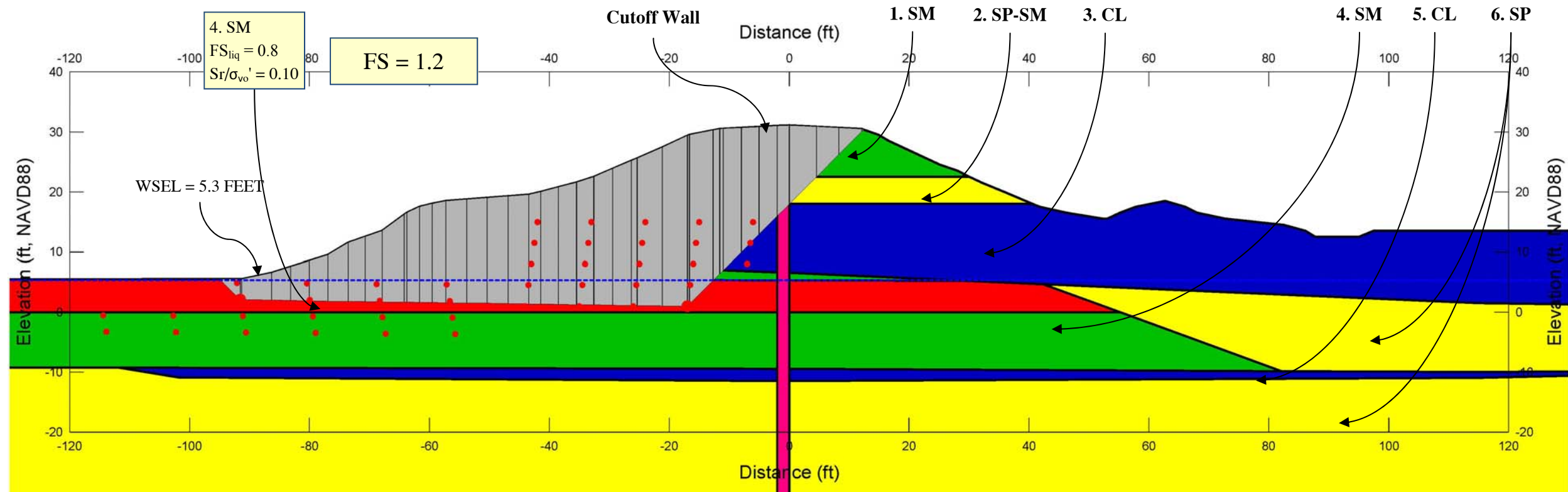
LANDSIDE POST EARTHQUAKE



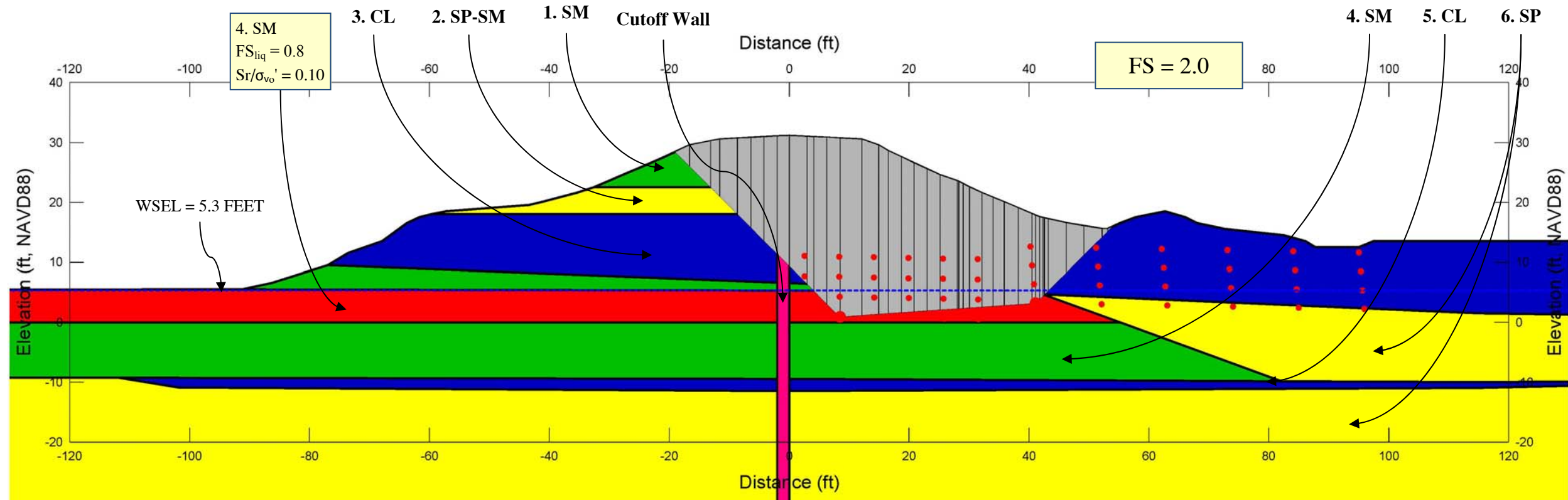
 <p>Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 631+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-46-I
			SCALE: NO SCALE	
			DRAWN BY: BA	CHECKED BY: CC


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



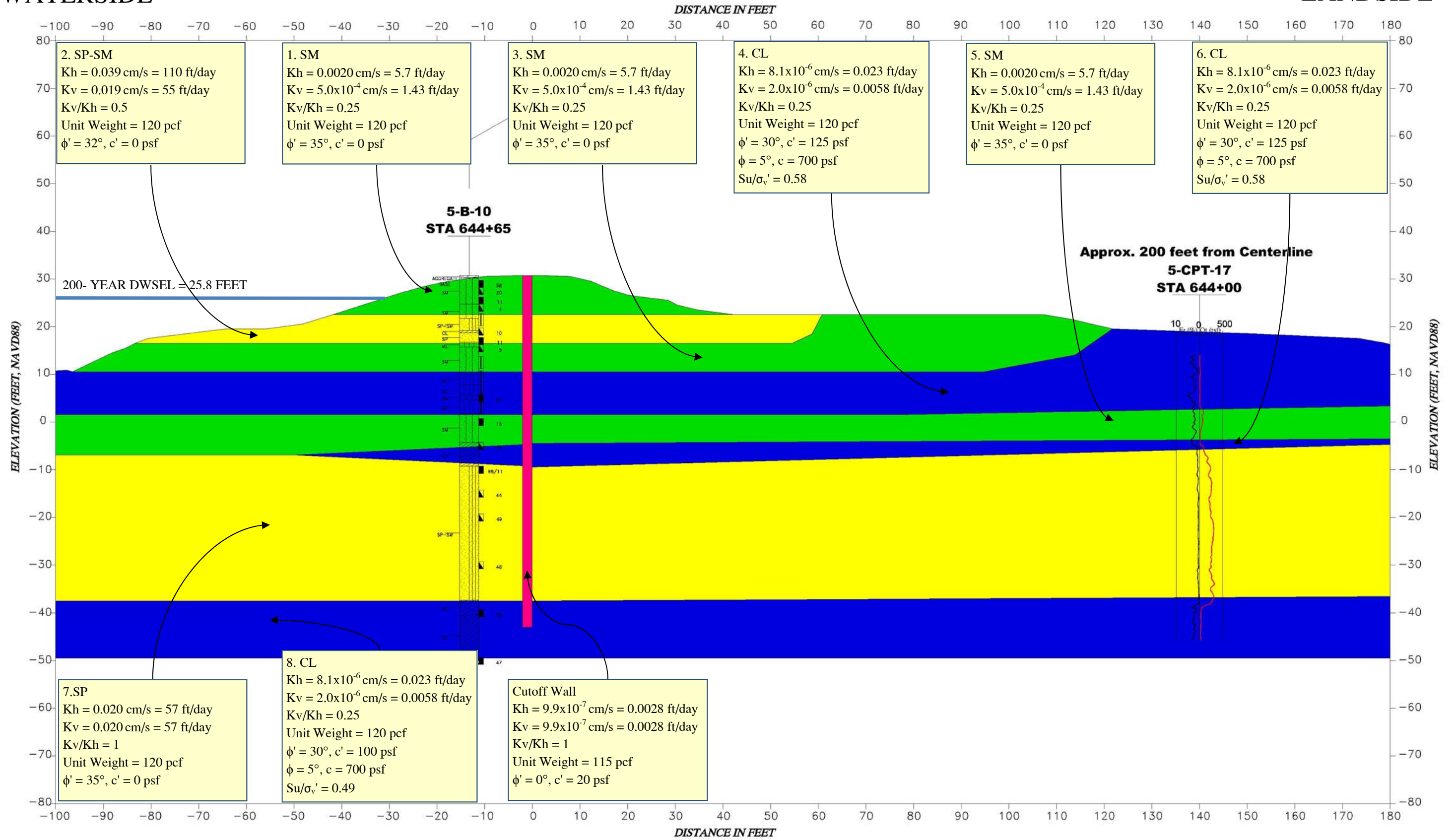
LANDSIDE POST EARTHQUAKE (NON-CIR)



 <p>Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 631+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-46-J
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: CC	

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



CROSS SECTION & MATERIAL PARAMETERS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000

SCALE: NO SCALE

DRAWN BY: AL

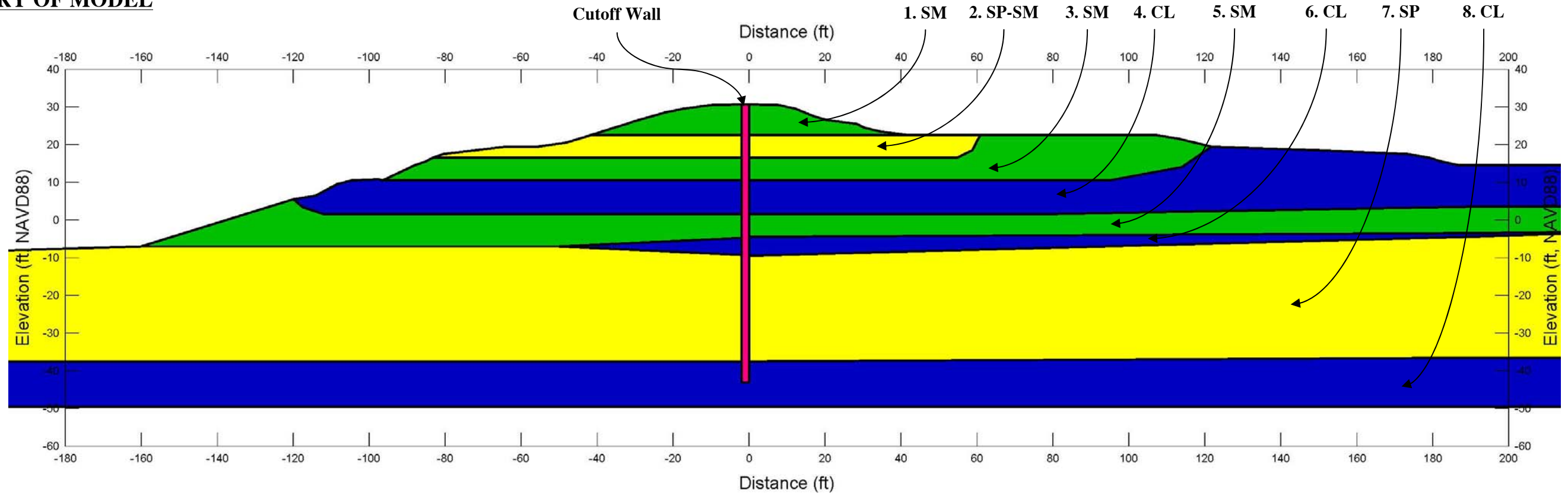
CHECKED BY: JB

FIGURE NO.

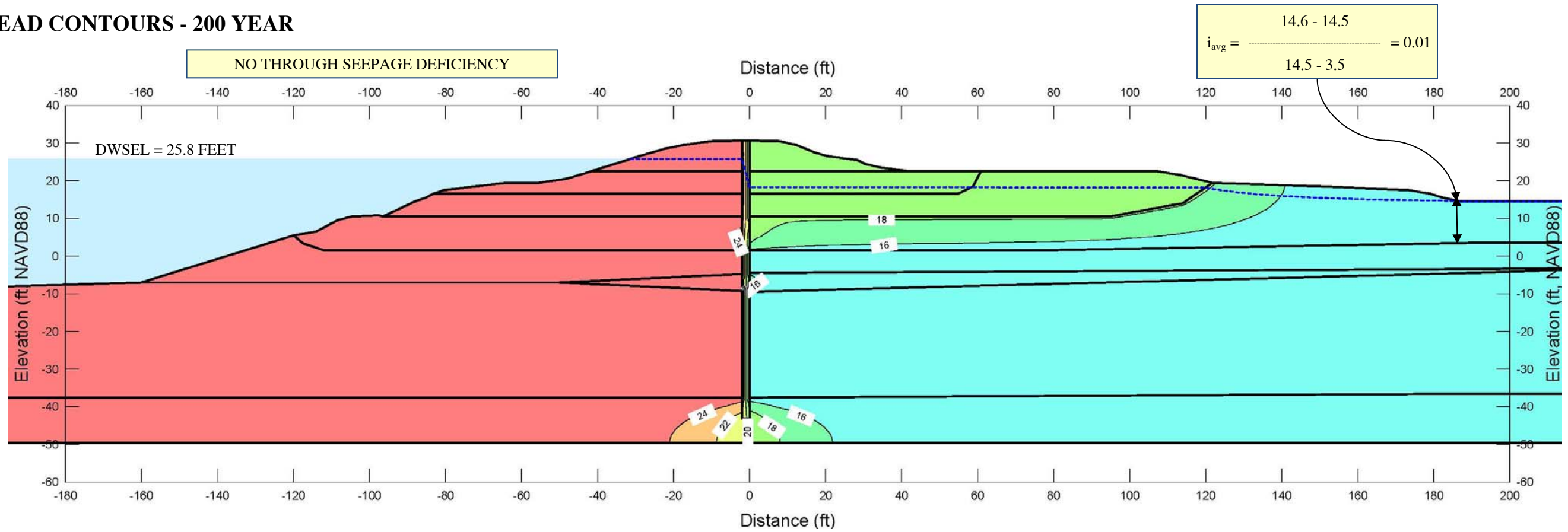
E-47-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



SEEPAGE ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

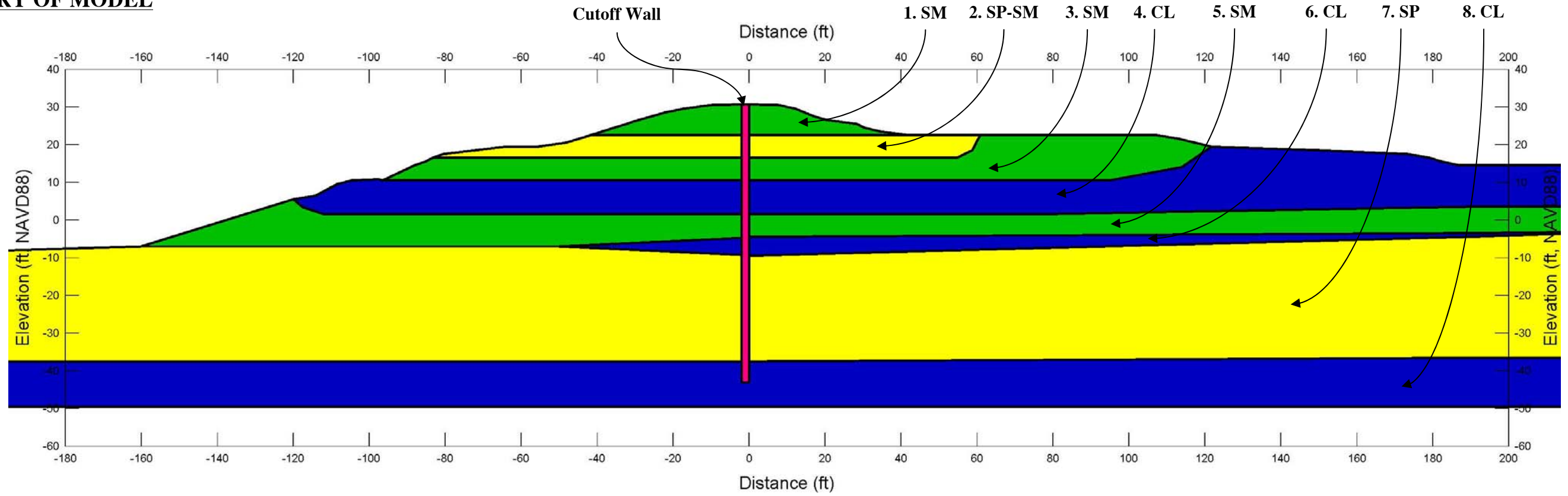
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.

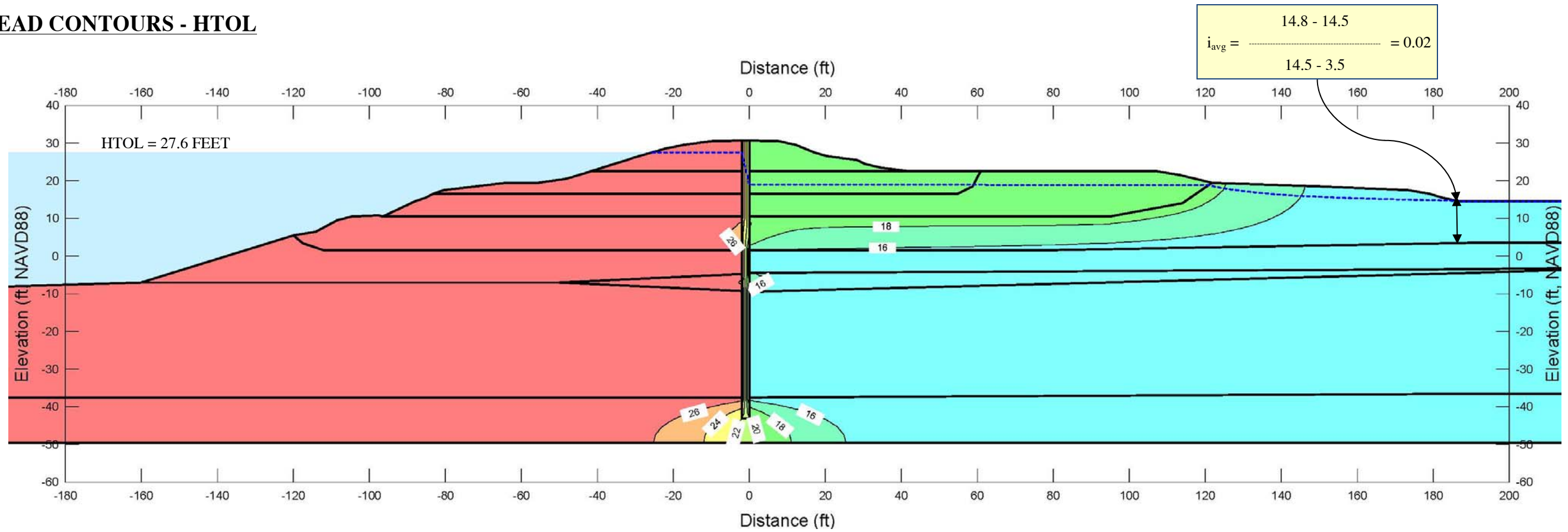
E-47-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



SEEPAGE ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

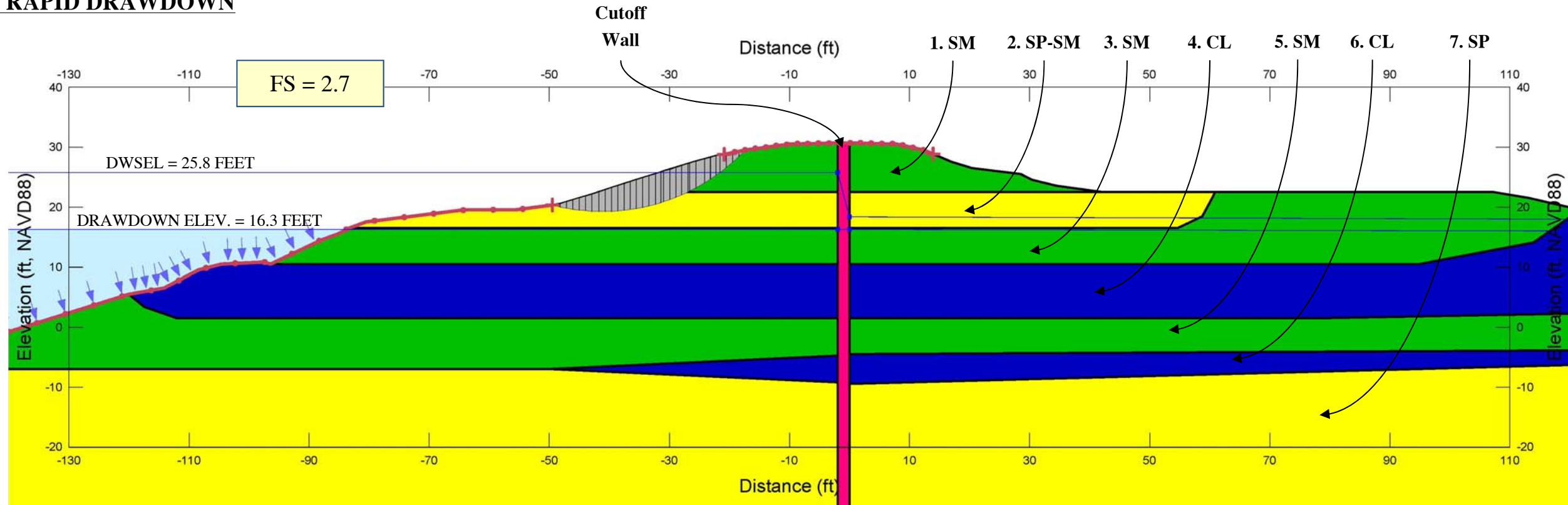
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.

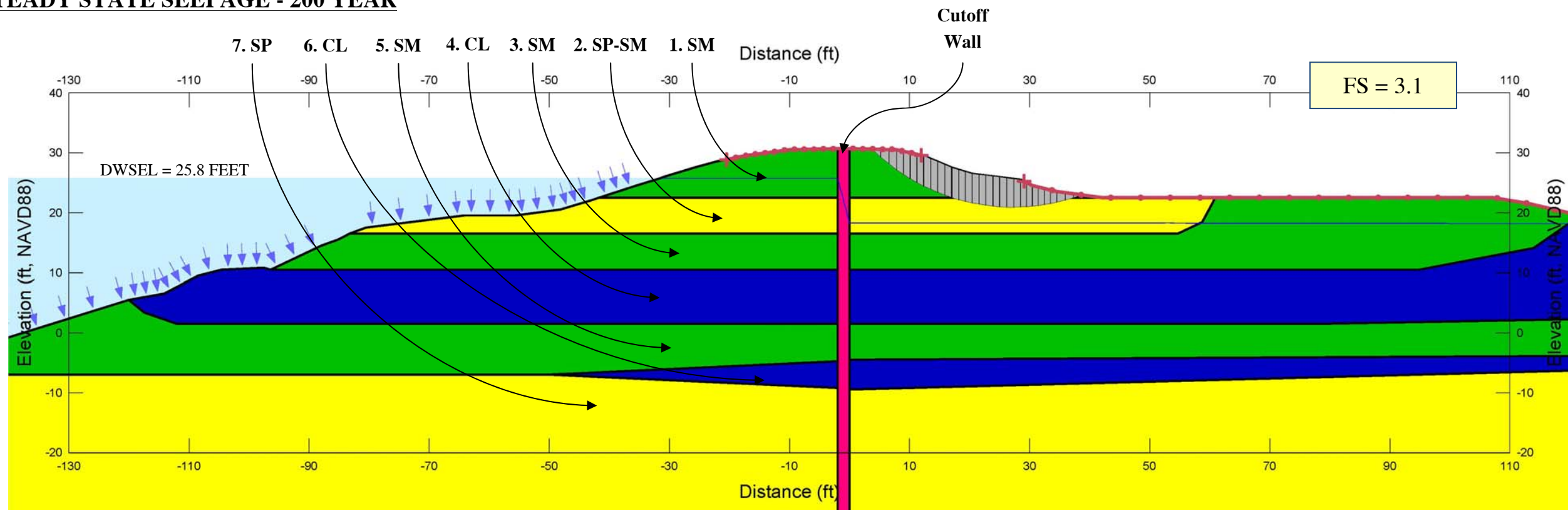
E-47-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



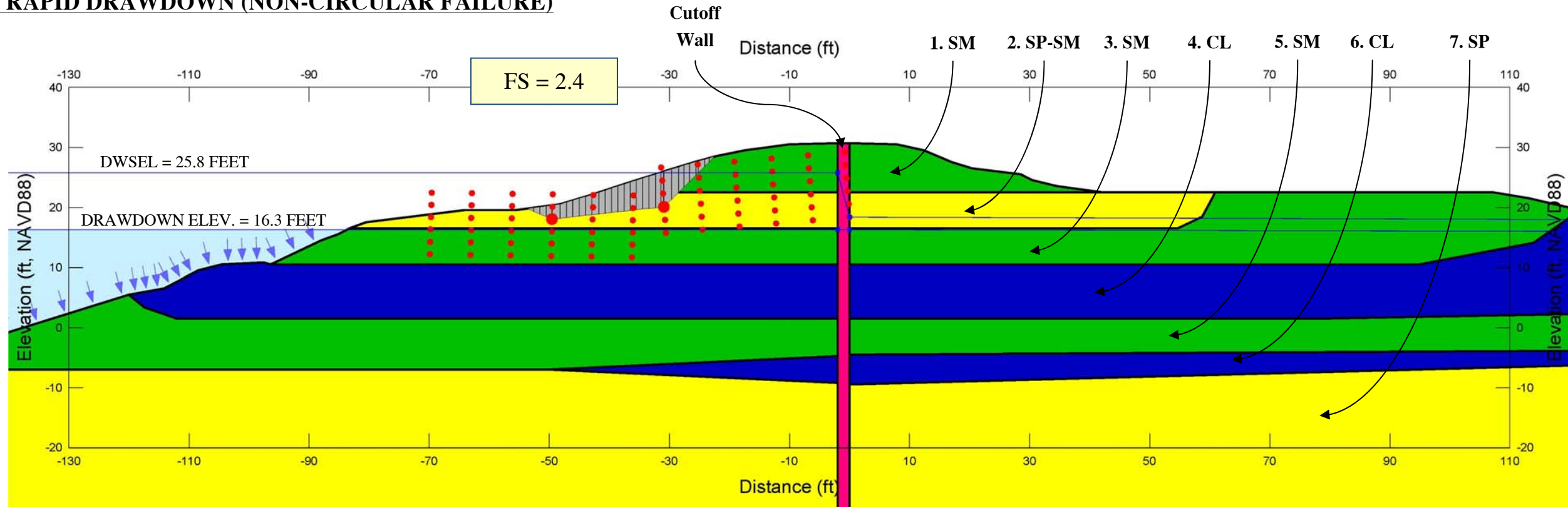
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

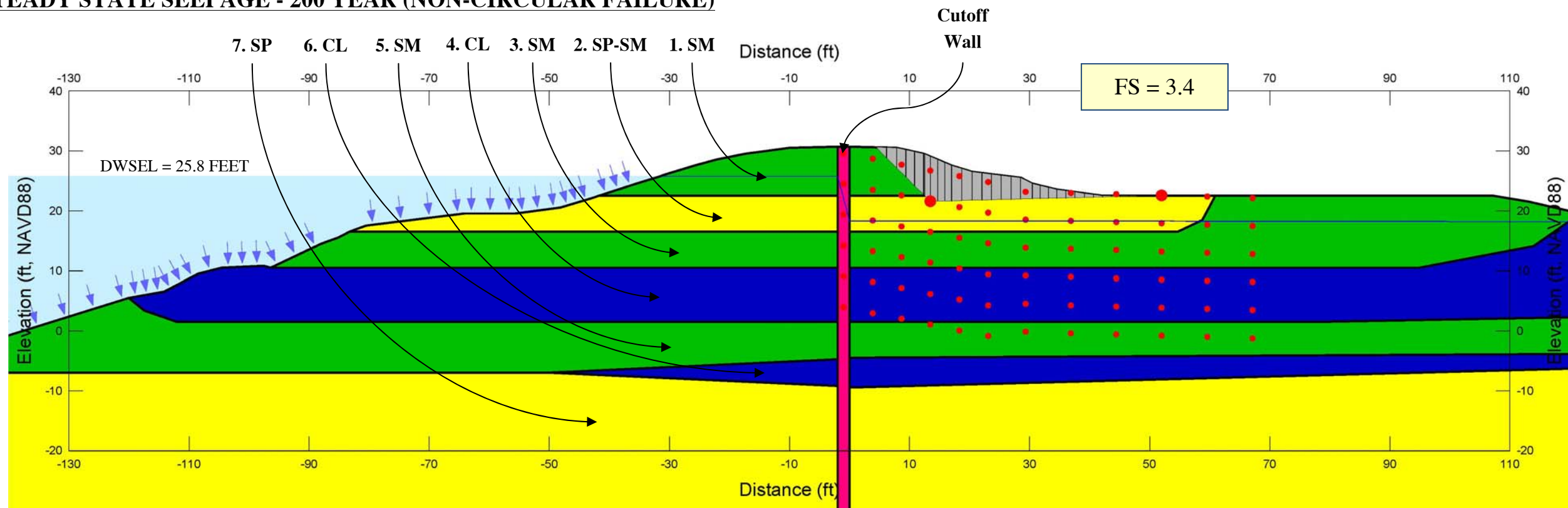
FIGURE NO.
E-47-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



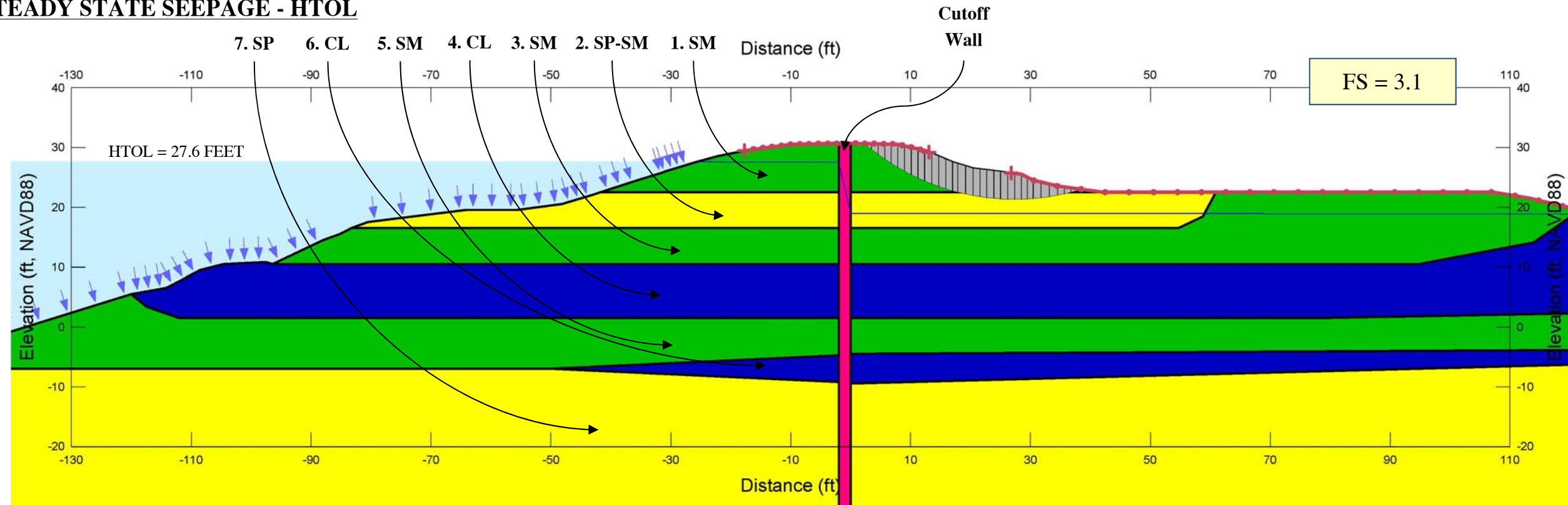
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

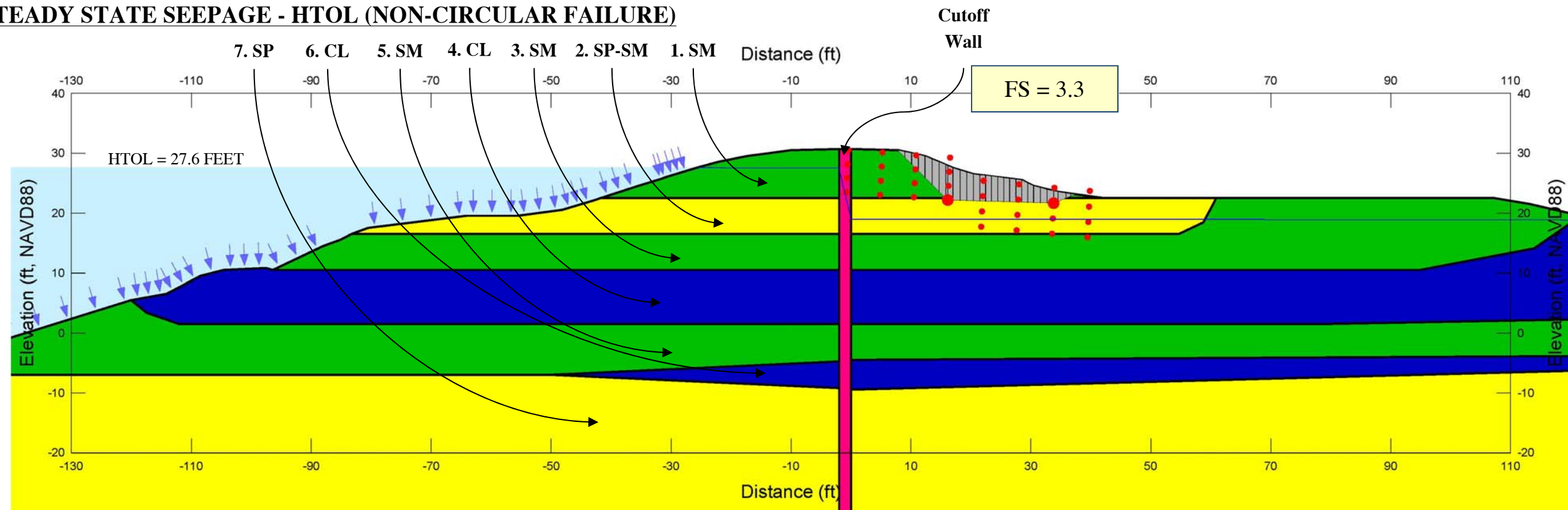
FIGURE NO.
E-47-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



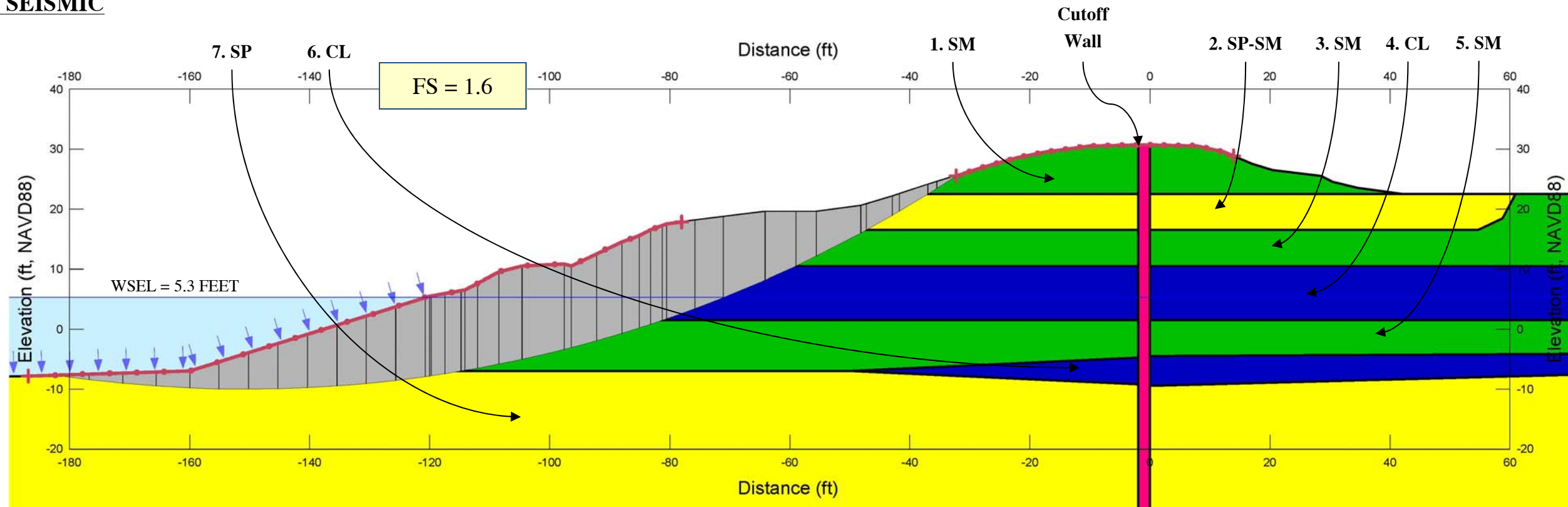
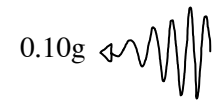
STATIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

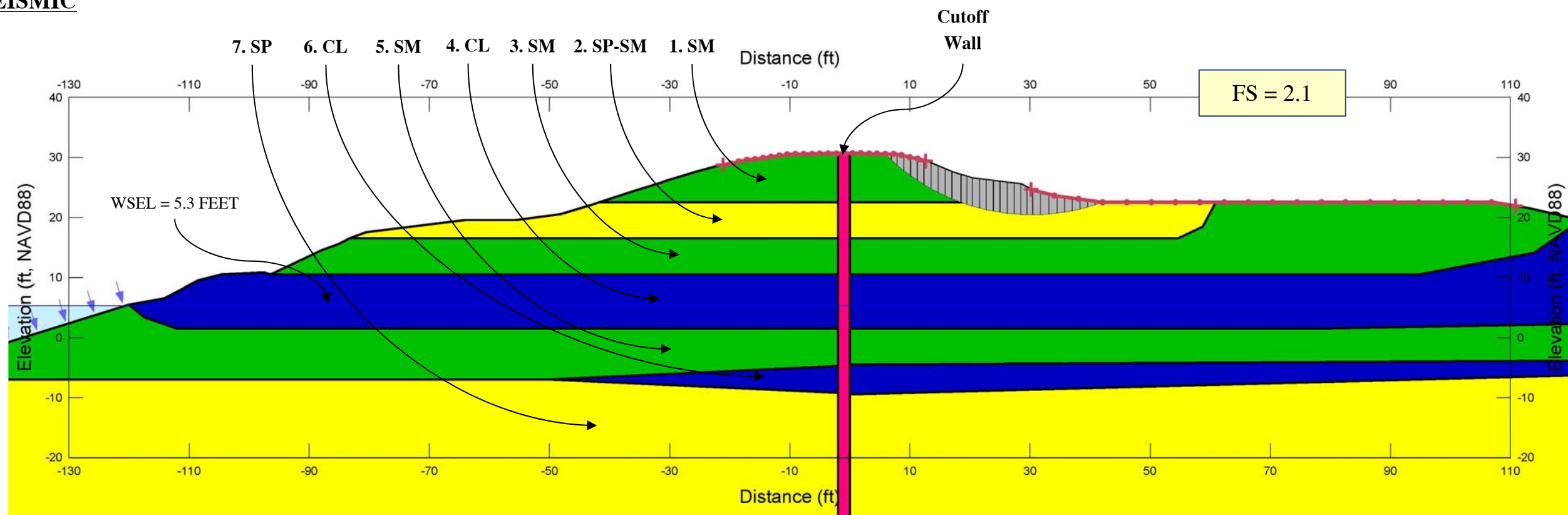
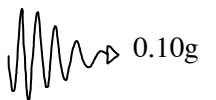
FIGURE NO.
E-47-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



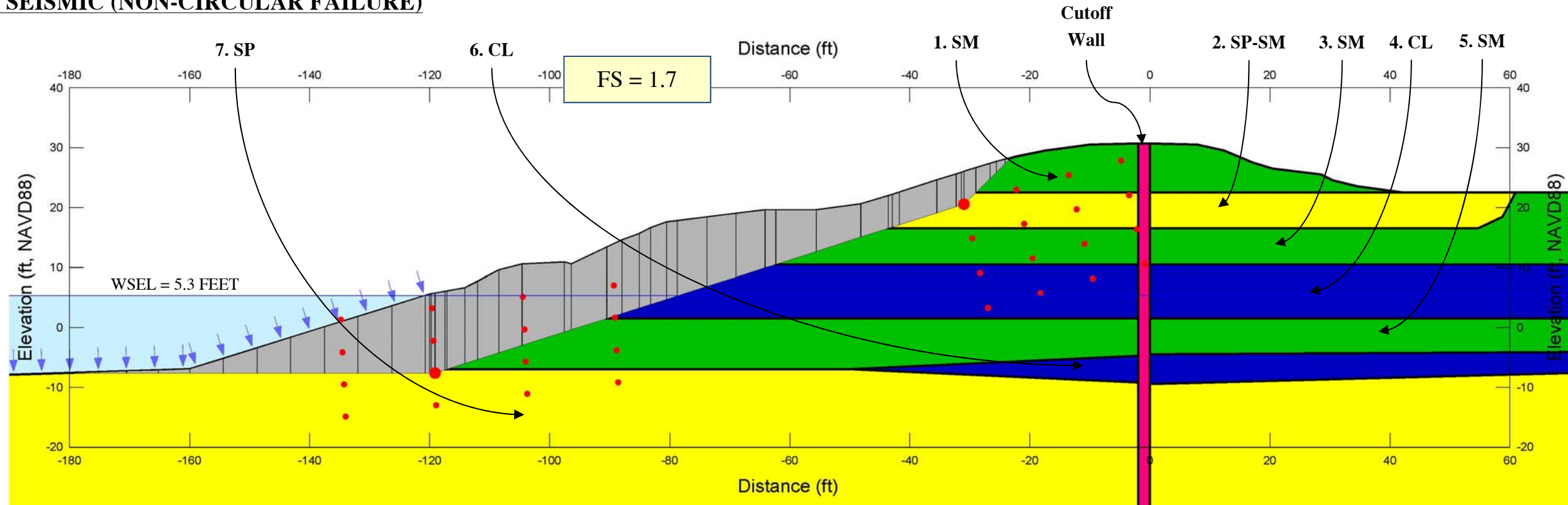
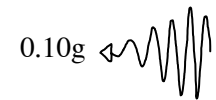
LANDSIDE SEISMIC



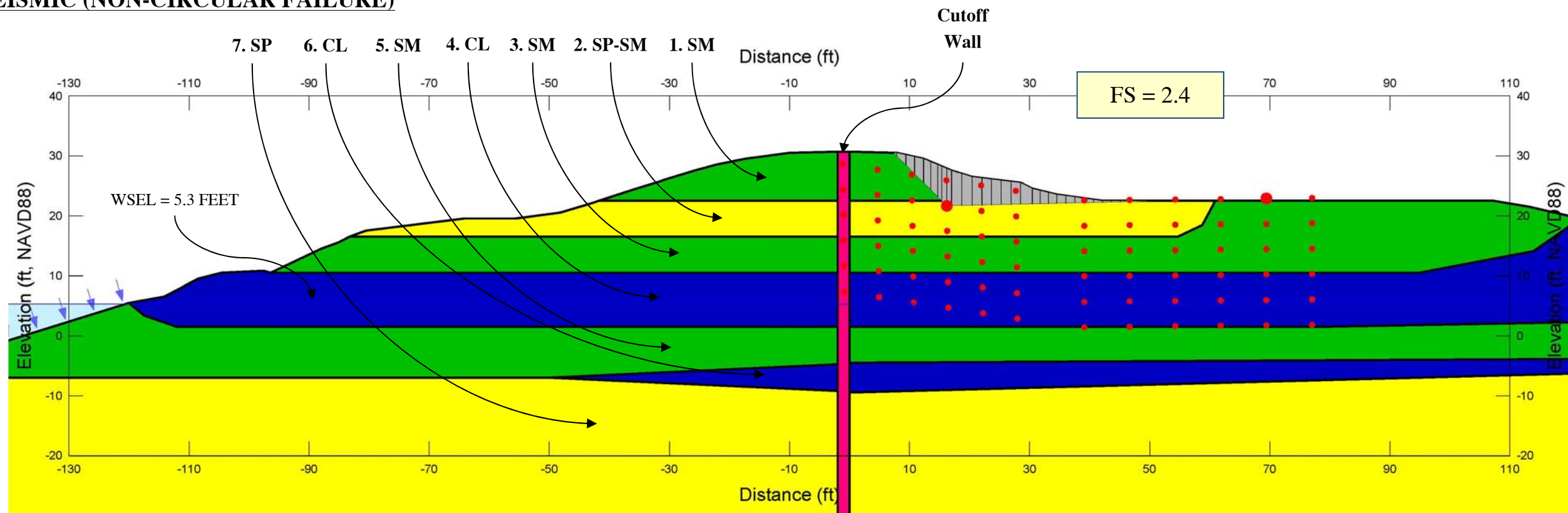
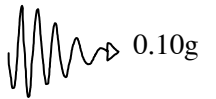
	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 644+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-47-G
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



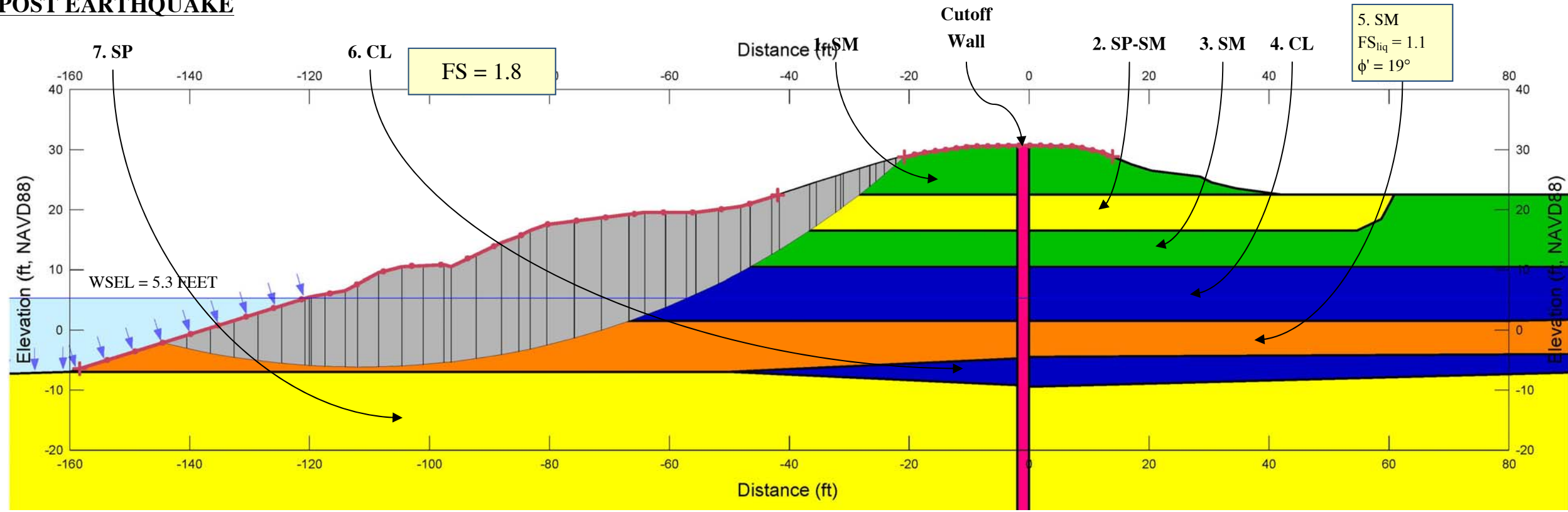
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L1 - STA 644+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

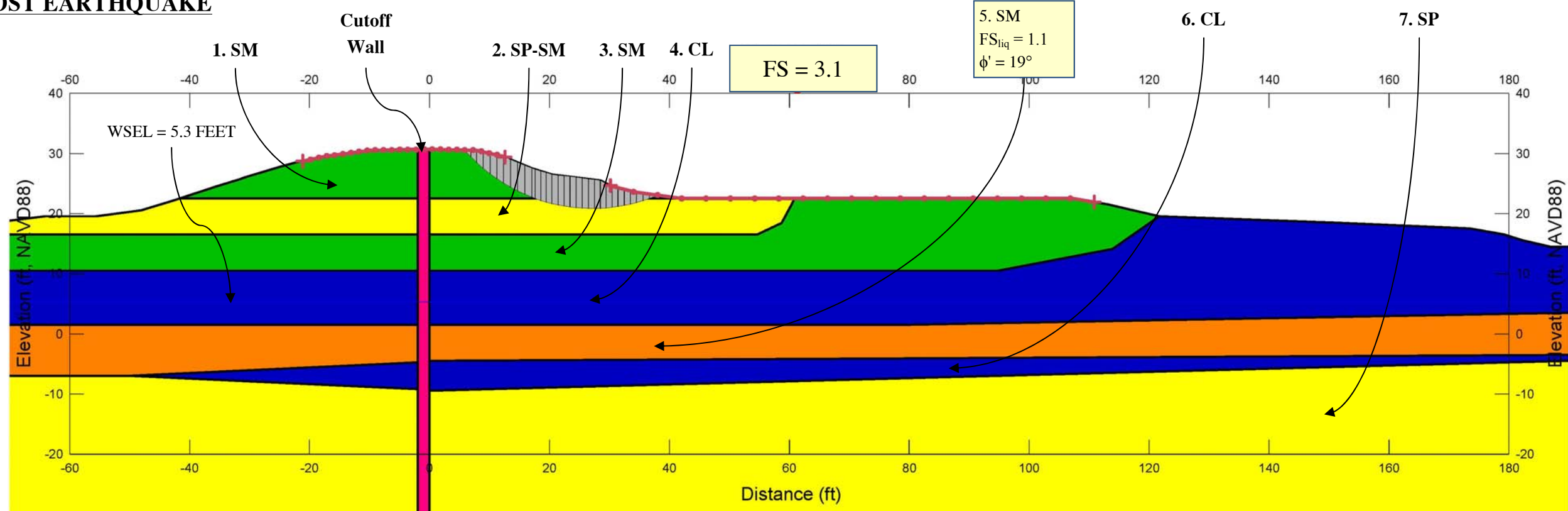
FIGURE NO.
E-47-H


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



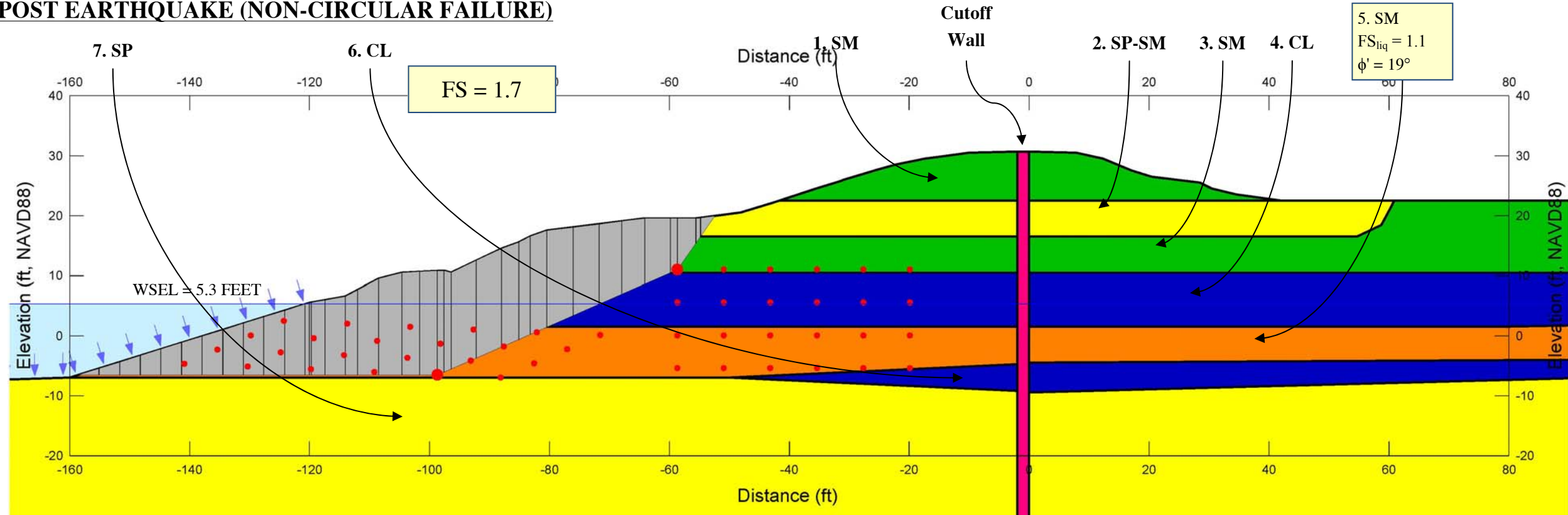
LANDSIDE POST EARTHQUAKE



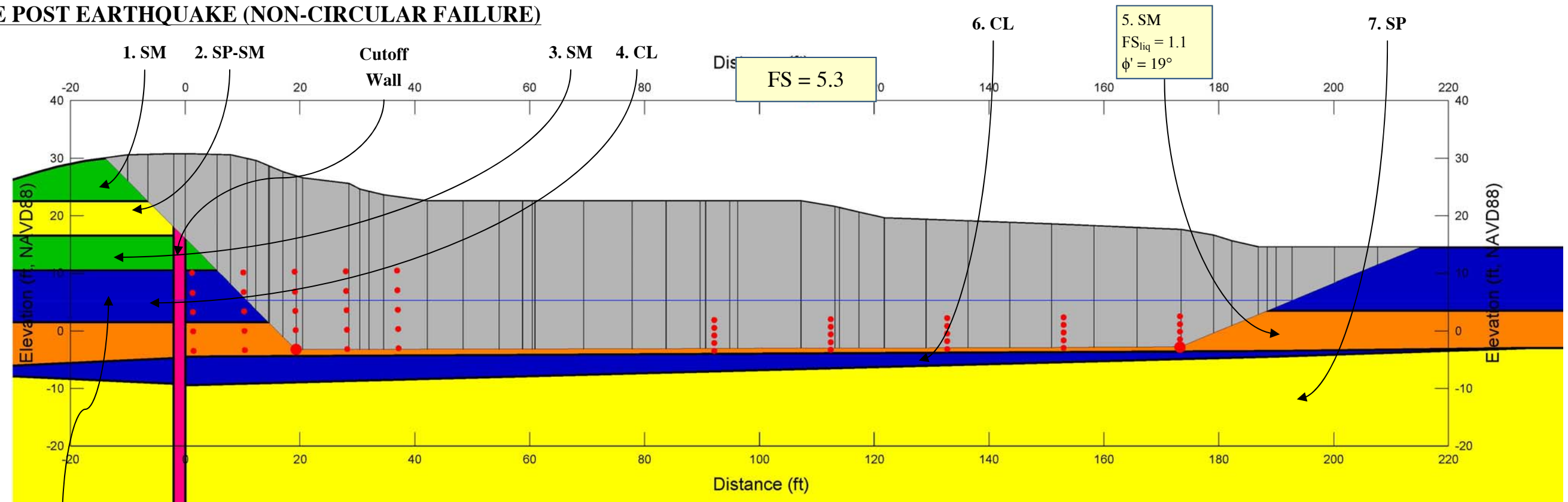
 <p>Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 644+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-47-I
			SCALE: NO SCALE	
			DRAWN BY: BA	CHECKED BY: CC

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)

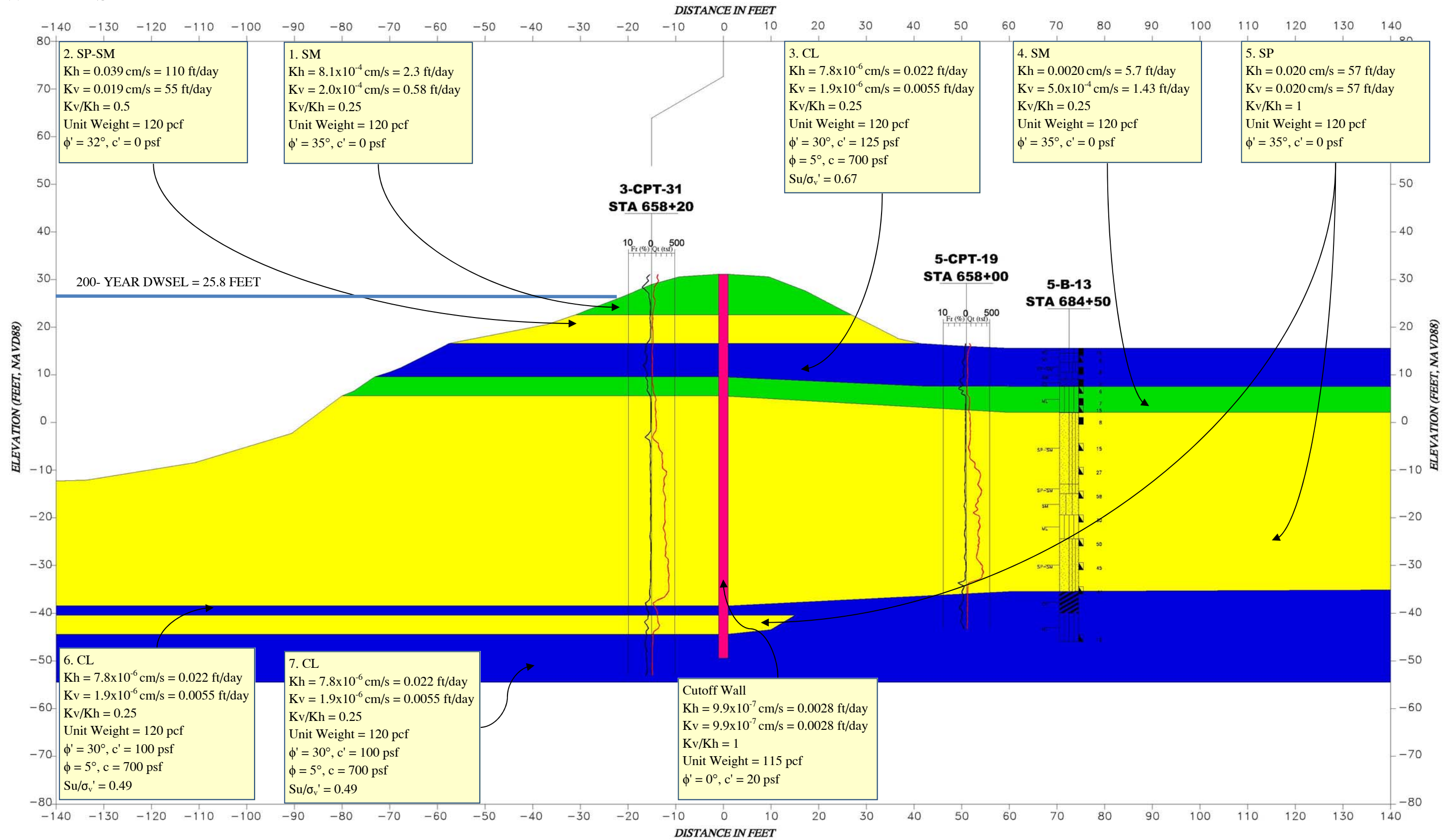


WSEL = 5.3 FEET

	SEISMIC SLOPE STABILITY ANALYSIS REACH L1 - STA 644+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-47-J
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: CC	

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



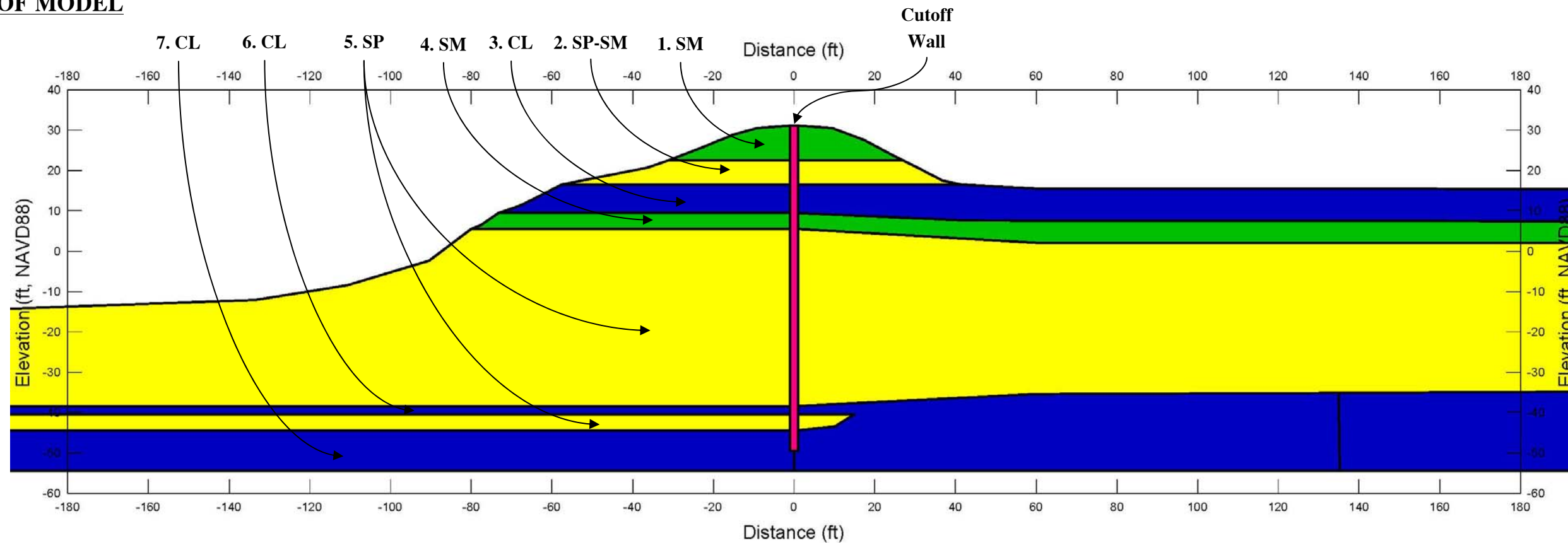
CROSS SECTION & MATERIAL PARAMETERS
 REACH L2 - STA 658+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	JB

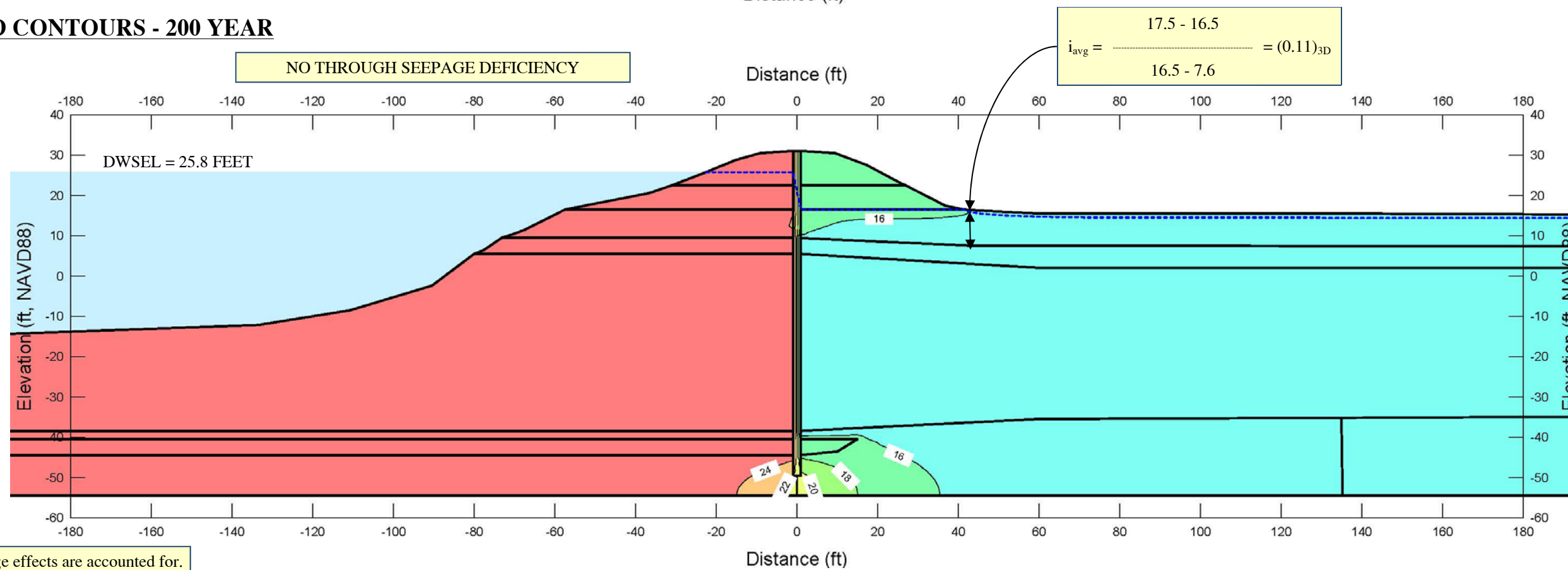
FIGURE NO.
E-48-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



Note: 3D seepage effects are accounted for.



SEEPAGE ANALYSIS
REACH L2 - STA 658+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000

SCALE: NO SCALE

DRAWN BY: AL

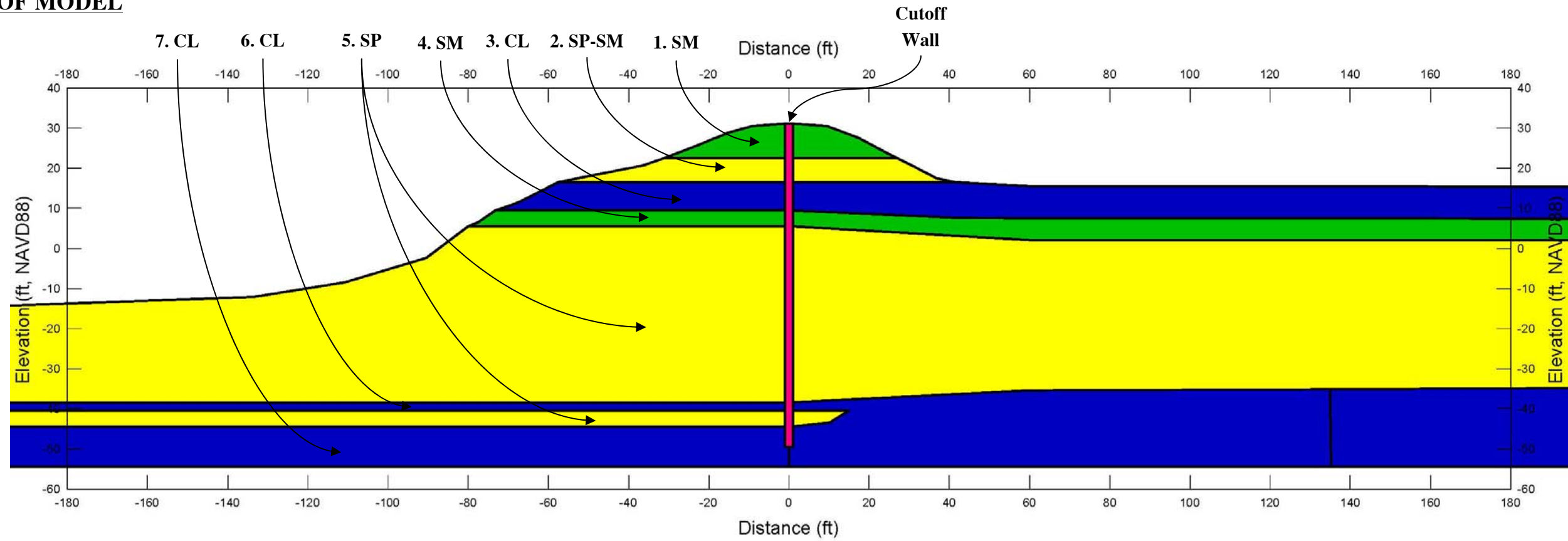
CHECKED BY: NS

FIGURE NO.

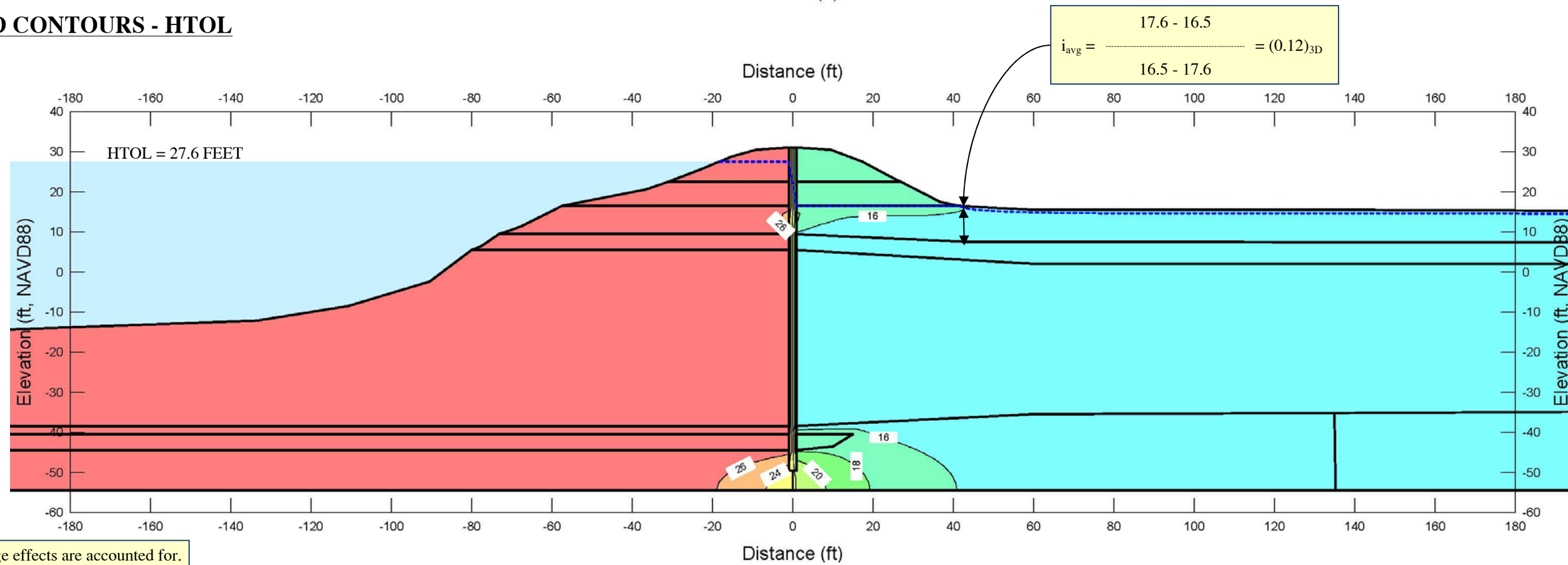
E-48-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



Note: 3D seepage effects are accounted for.



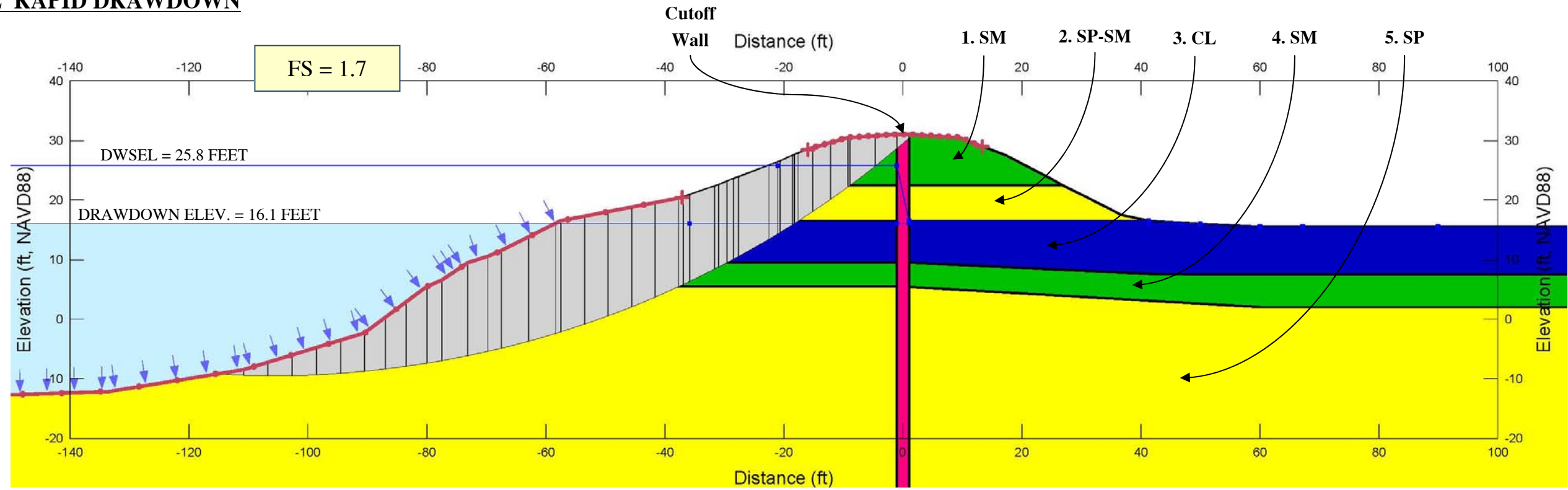
SEEPAGE ANALYSIS
 REACH L2 - STA 658+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

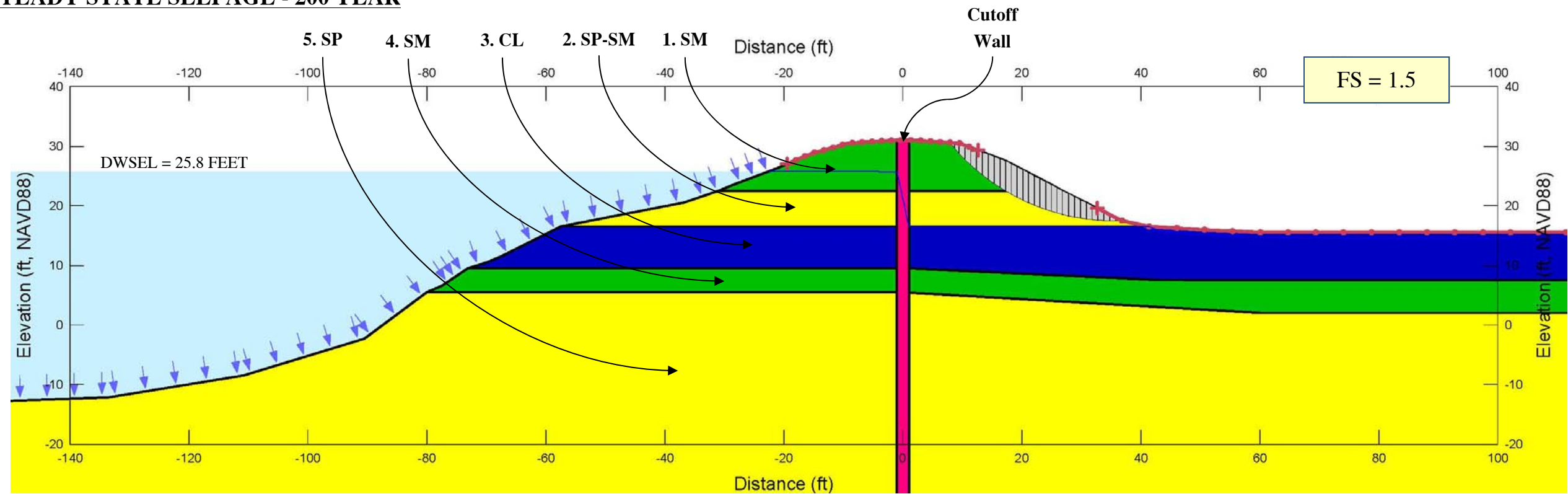
FIGURE NO.
E-48-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 658+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

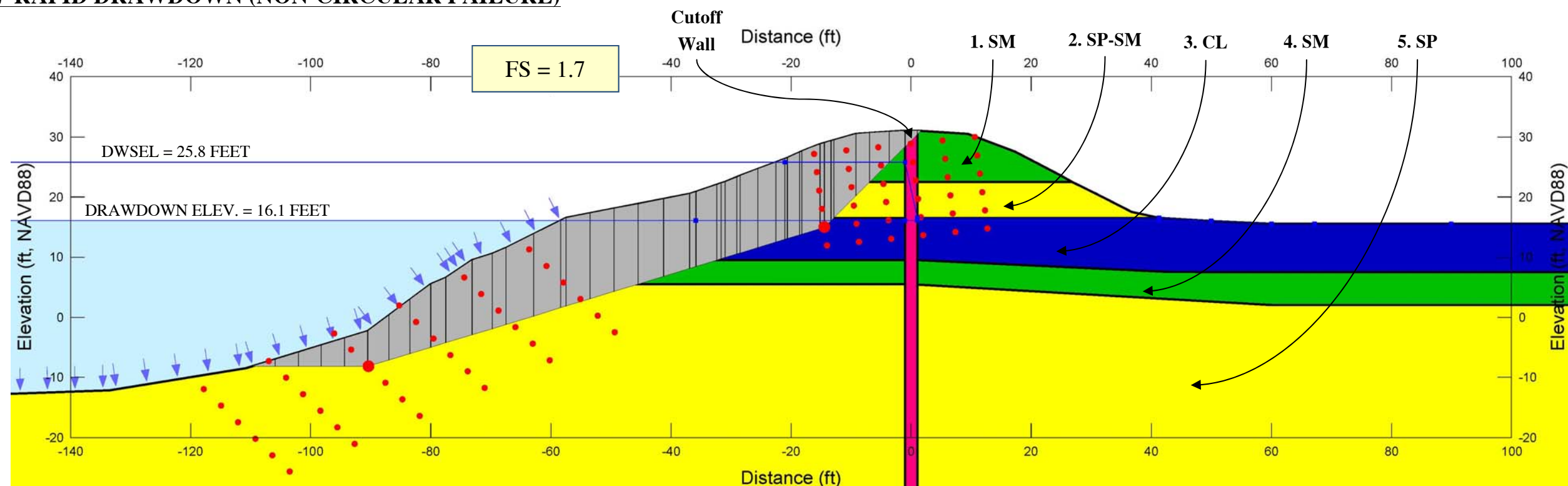
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.

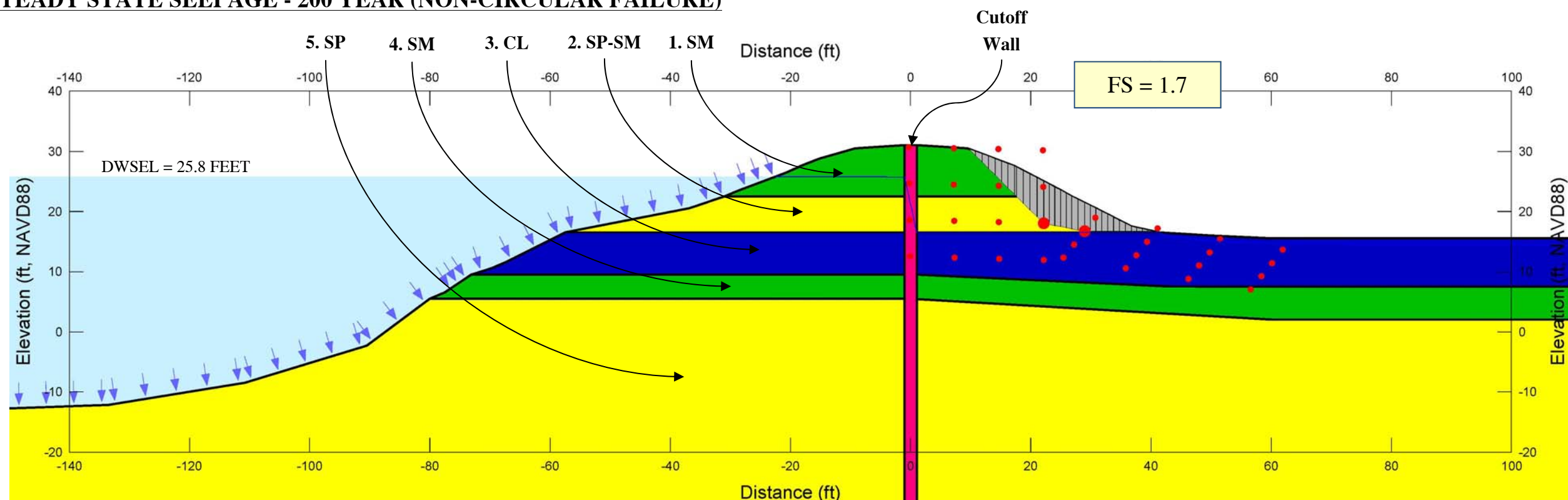
E-48-D


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



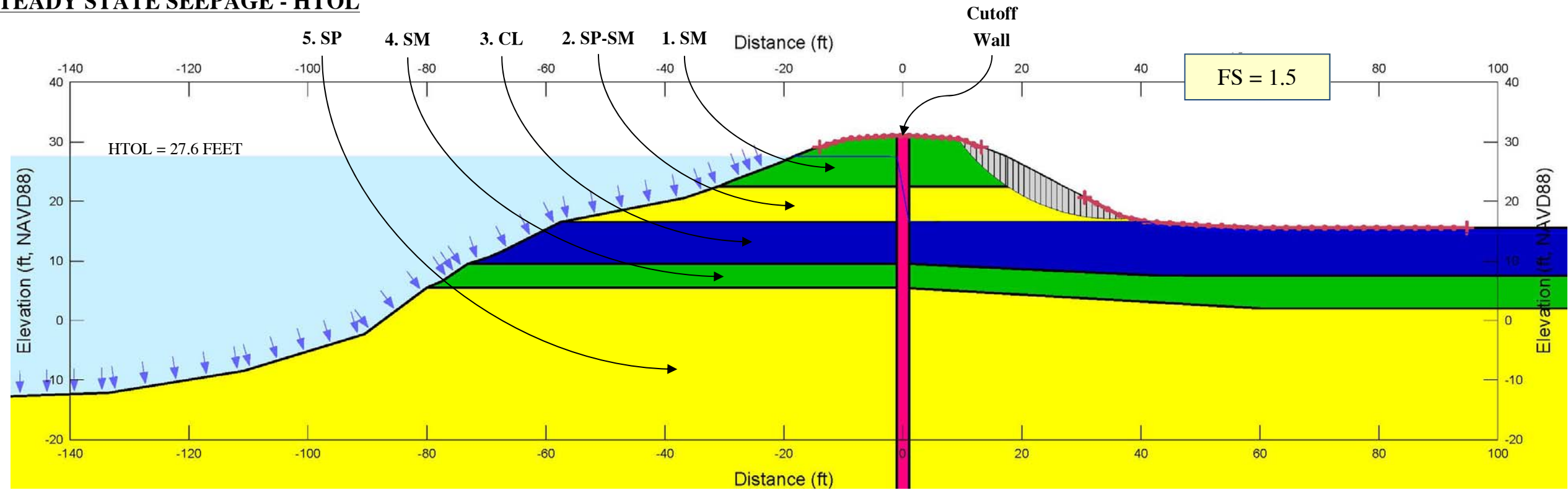
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



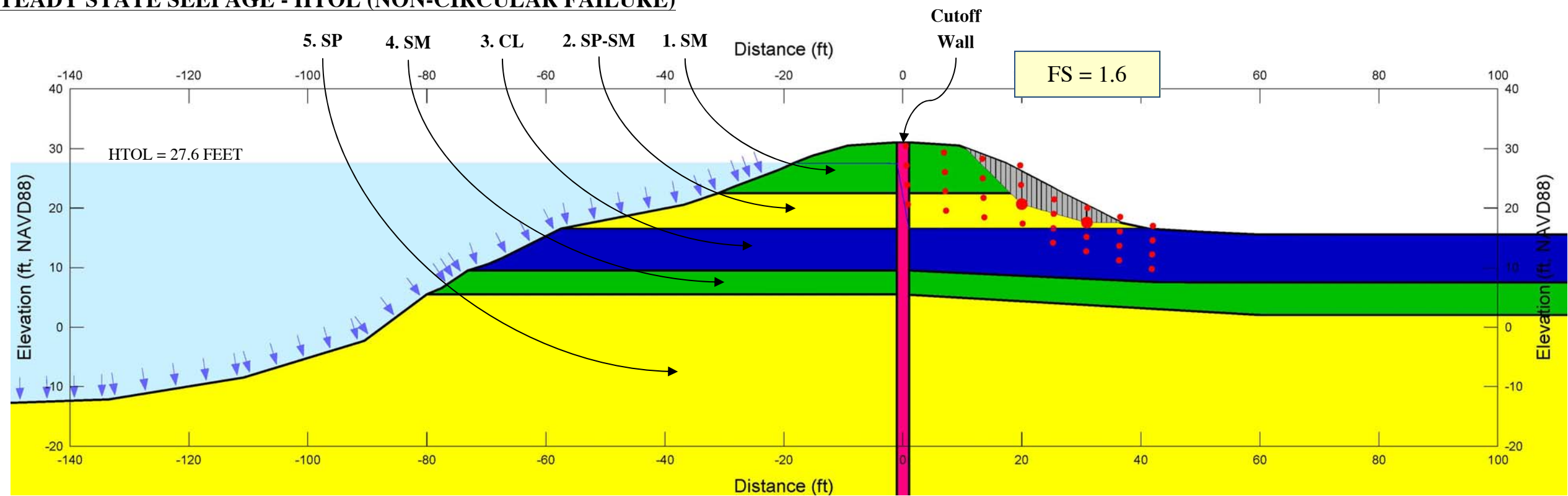
	STATIC SLOPE STABILITY ANALYSIS REACH L2 - STA 658+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-48-E
			SCALE: NO SCALE	
			DRAWN BY: AL	CHECKED BY: NS

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



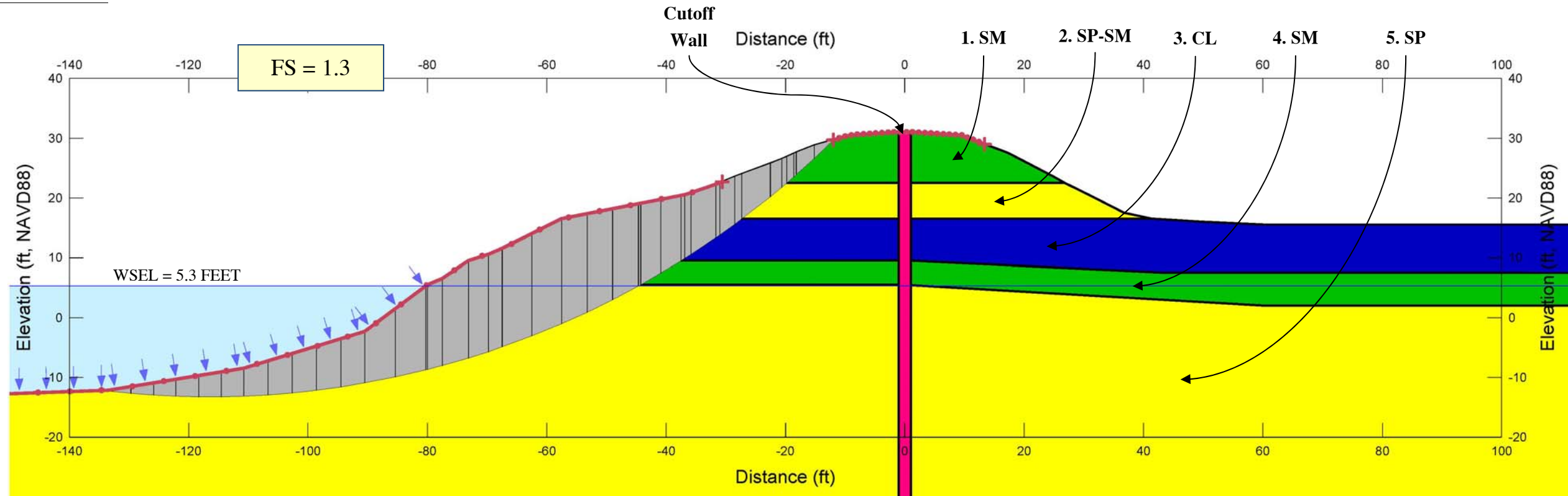
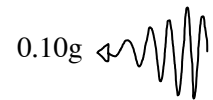
LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



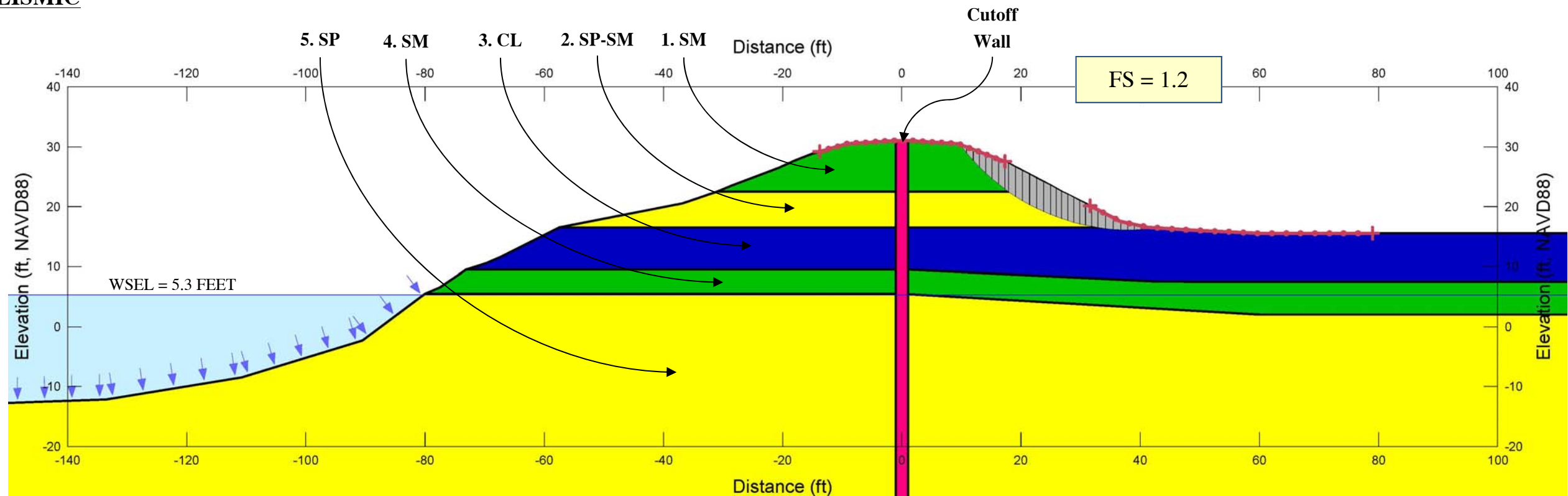
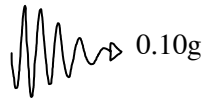
STATIC SLOPE STABILITY ANALYSIS
REACH L2 - STA 658+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	FIGURE NO.
SCALE: NO SCALE	E-48-F
DRAWN BY: AL	

WATERSIDE SEISMIC



LANDSIDE SEISMIC



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



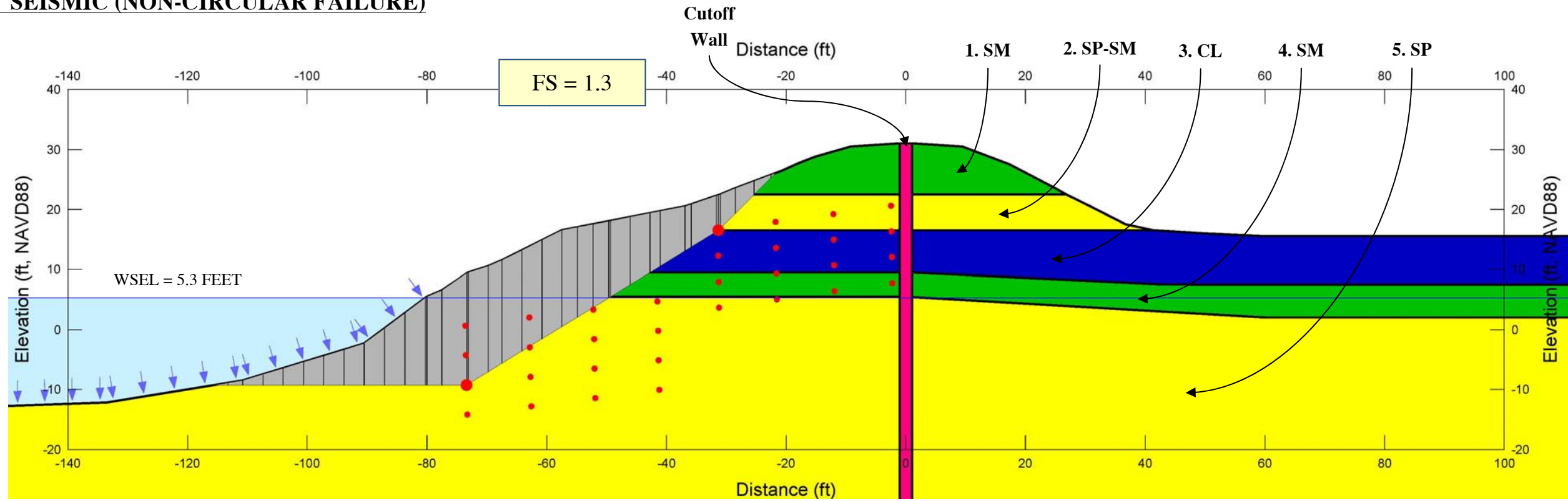
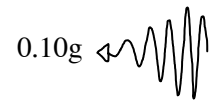
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 658+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

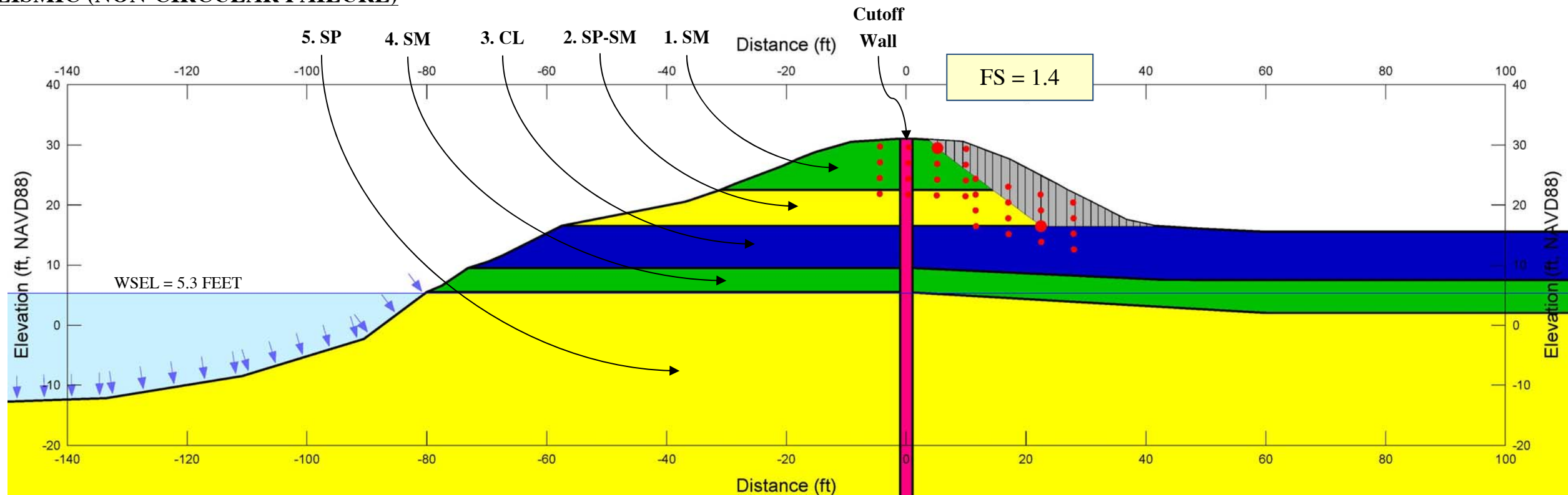
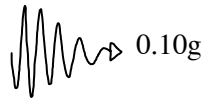
FIGURE NO.
E-48-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



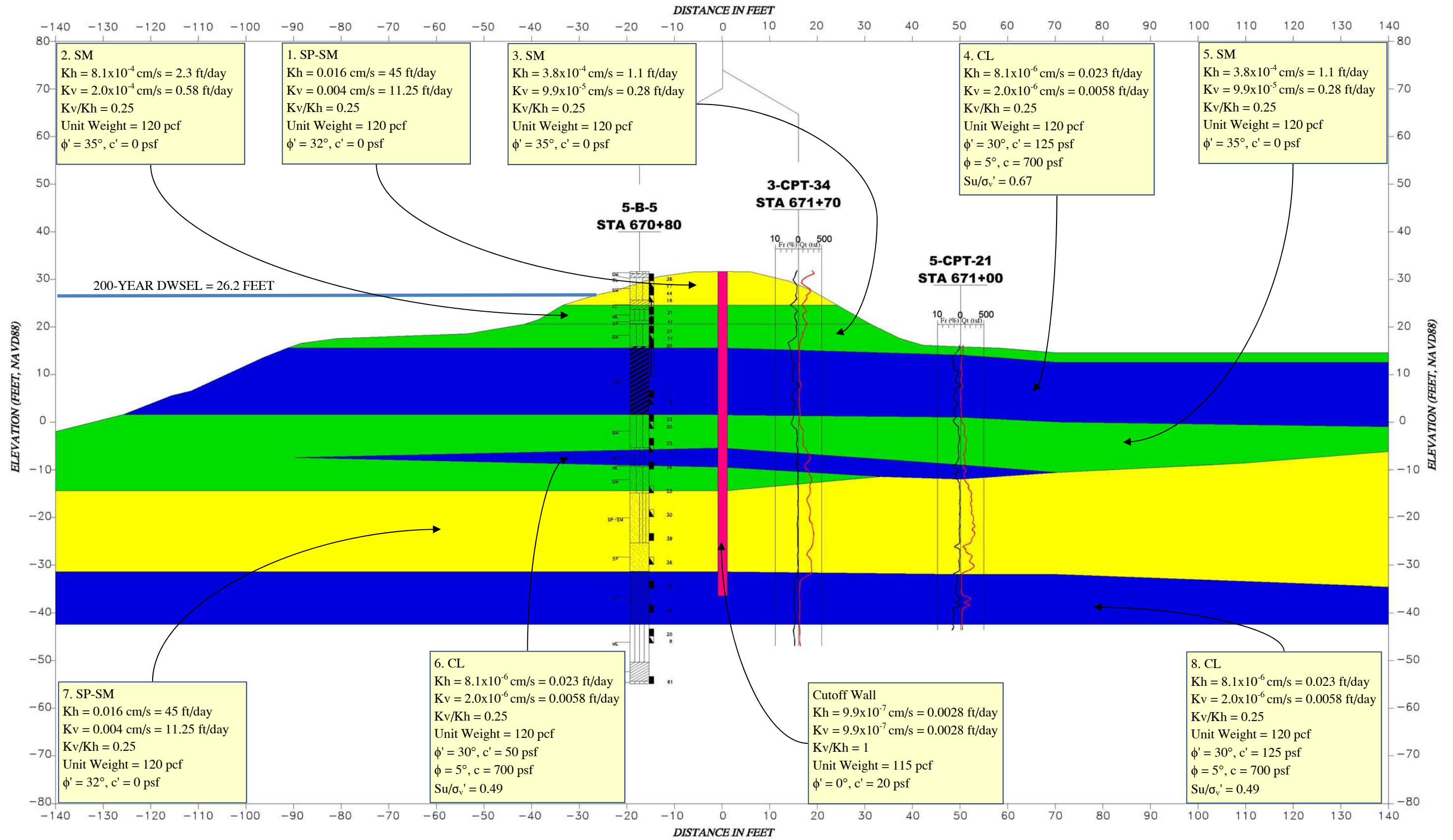
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 658+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.
E-48-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



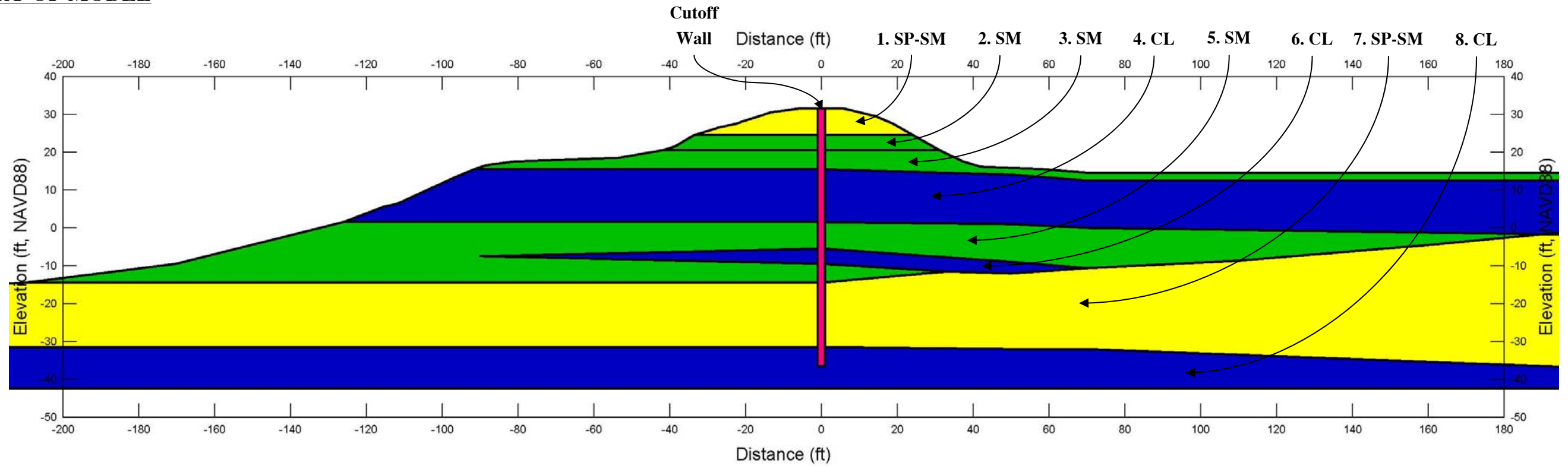
CROSS SECTION & MATERIAL PARAMETERS
 REACH L2 - STA 671+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000
 SCALE: NO SCALE
 DRAWN BY: ZH CHECKED BY: NS

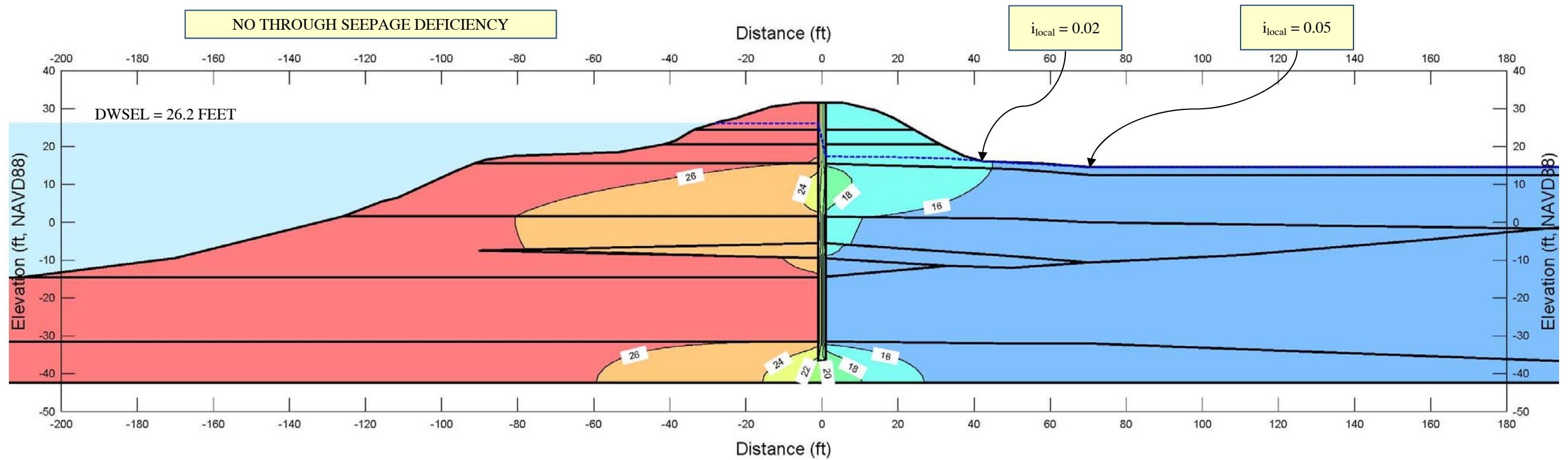
FIGURE NO.
E-49-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



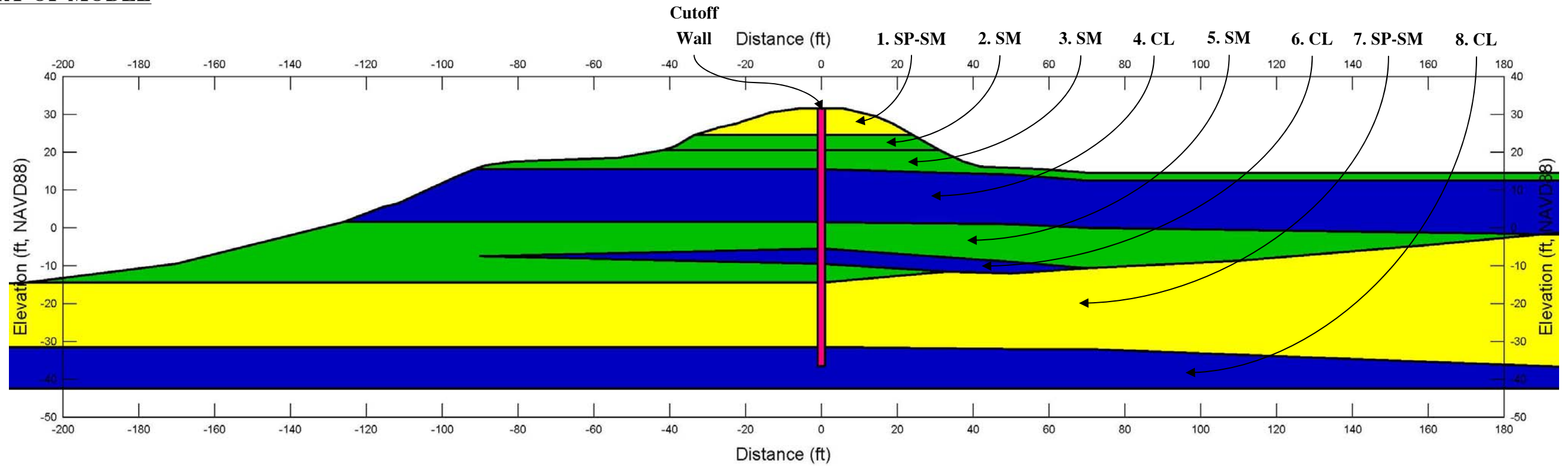
SEEPAGE ANALYSIS
 REACH L2 - STA 671+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

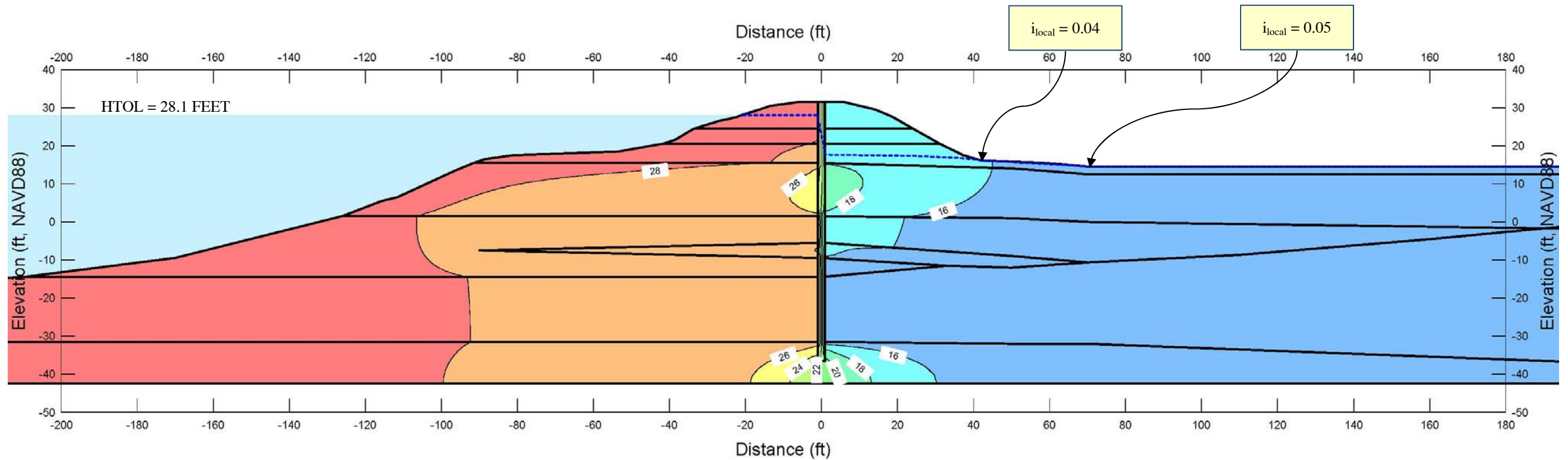
FIGURE NO.
E-49-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL

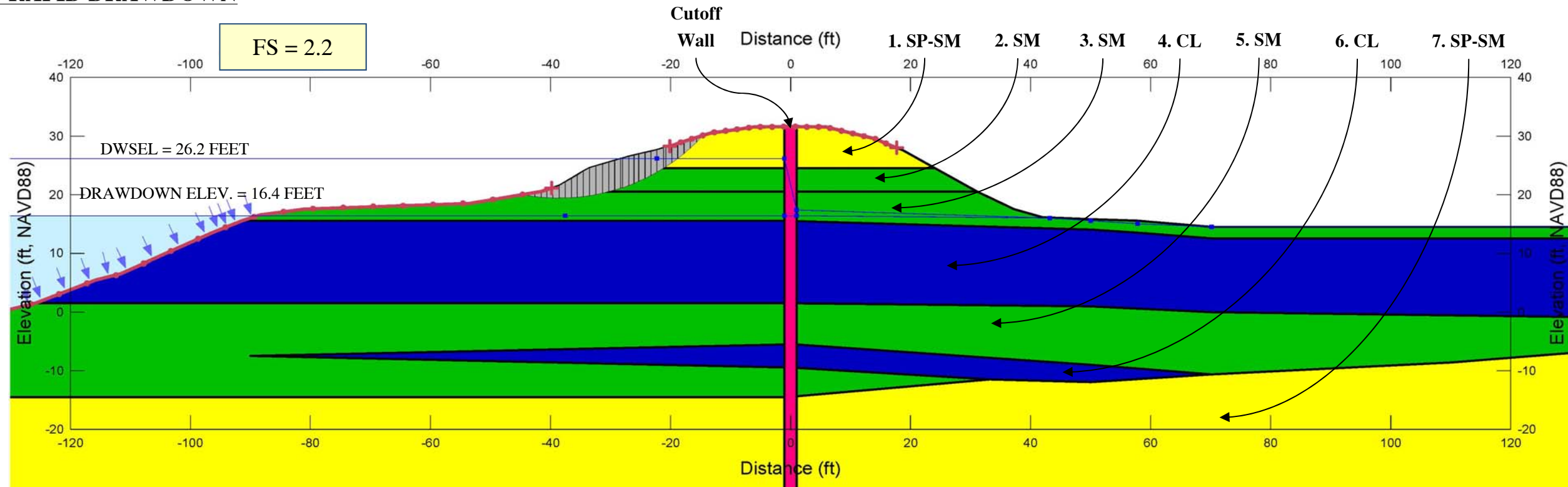


TOTAL HEAD CONTOURS - HTOL

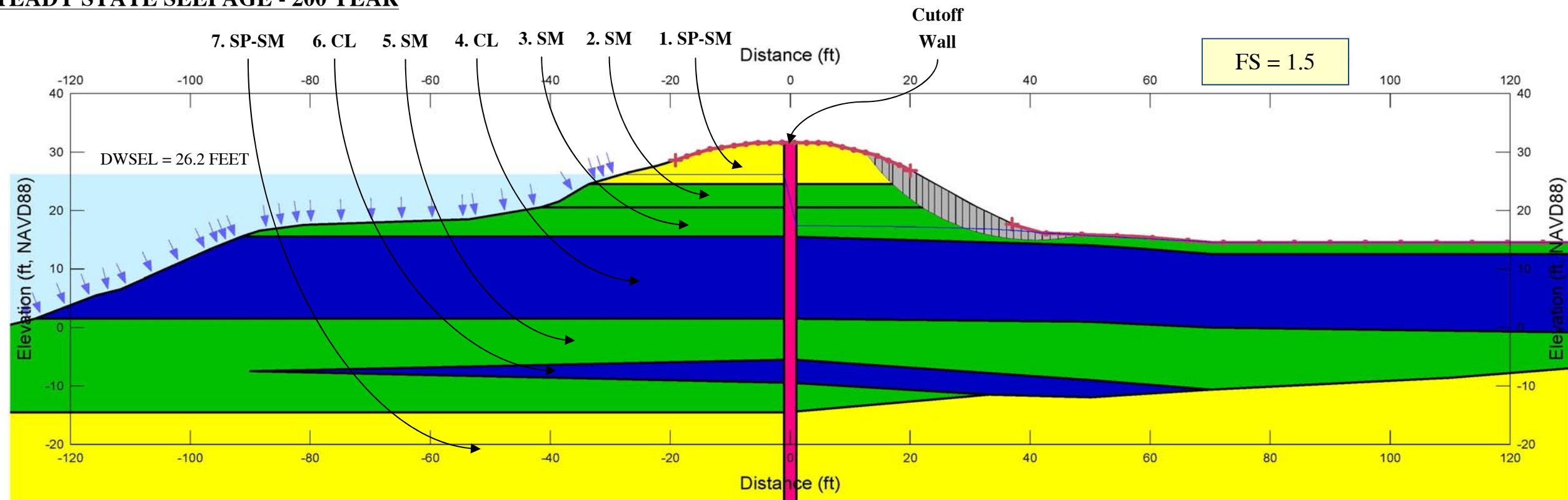


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



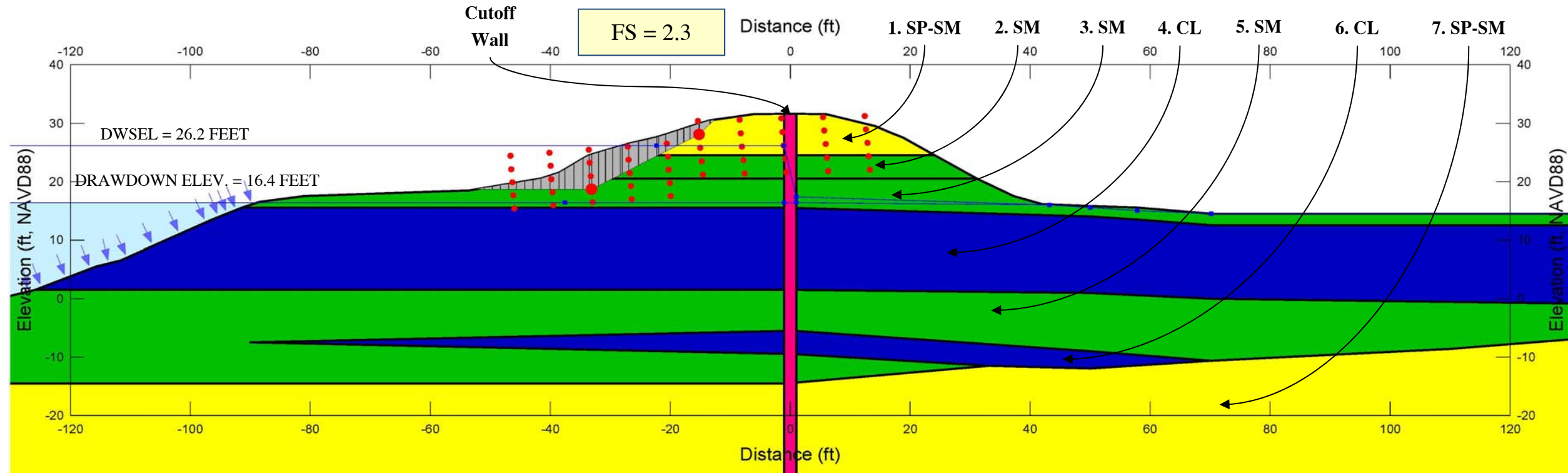
STATIC SLOPE STABILITY ANALYSIS
REACH L2 - STA 671+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

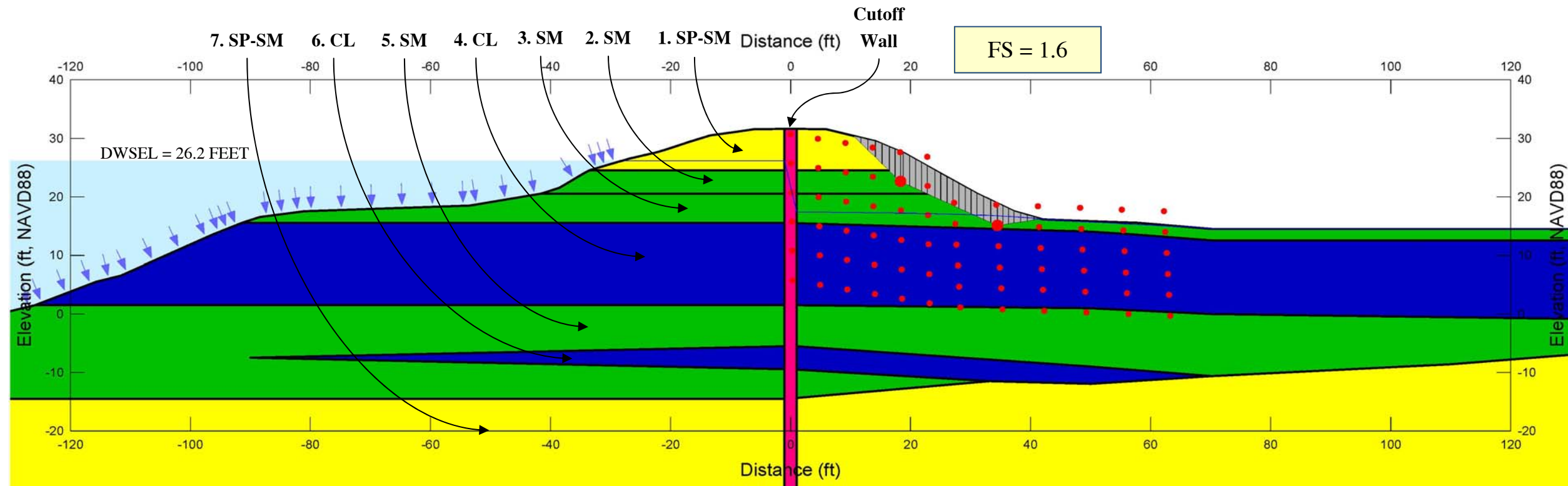
FIGURE NO.
E-49-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



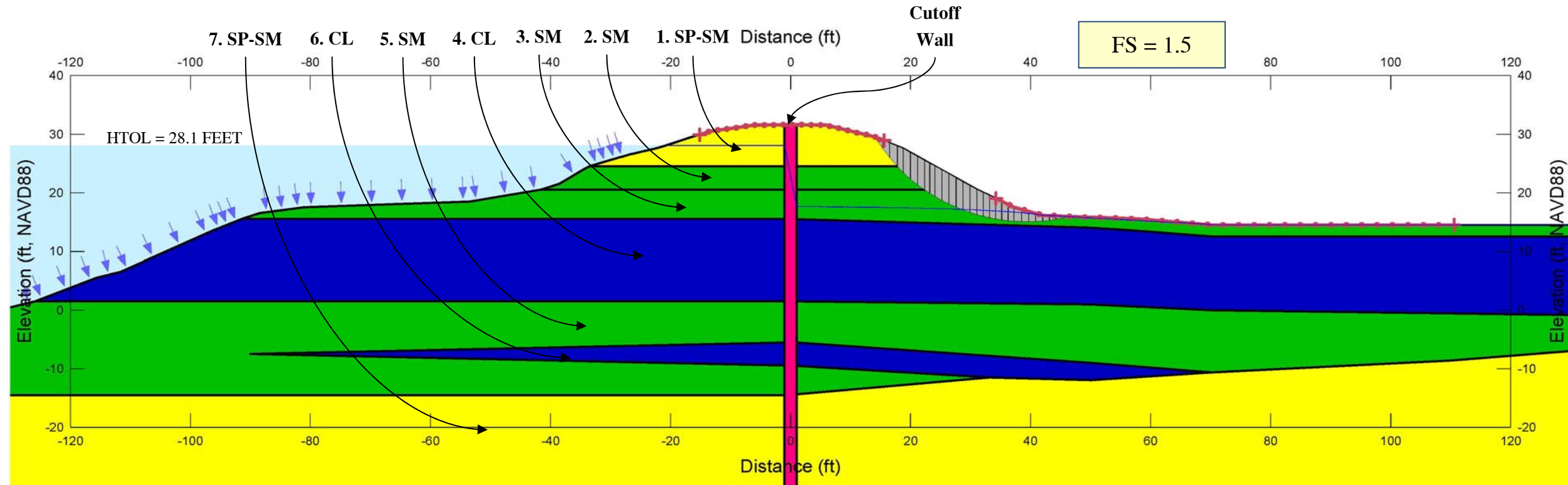
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 671+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

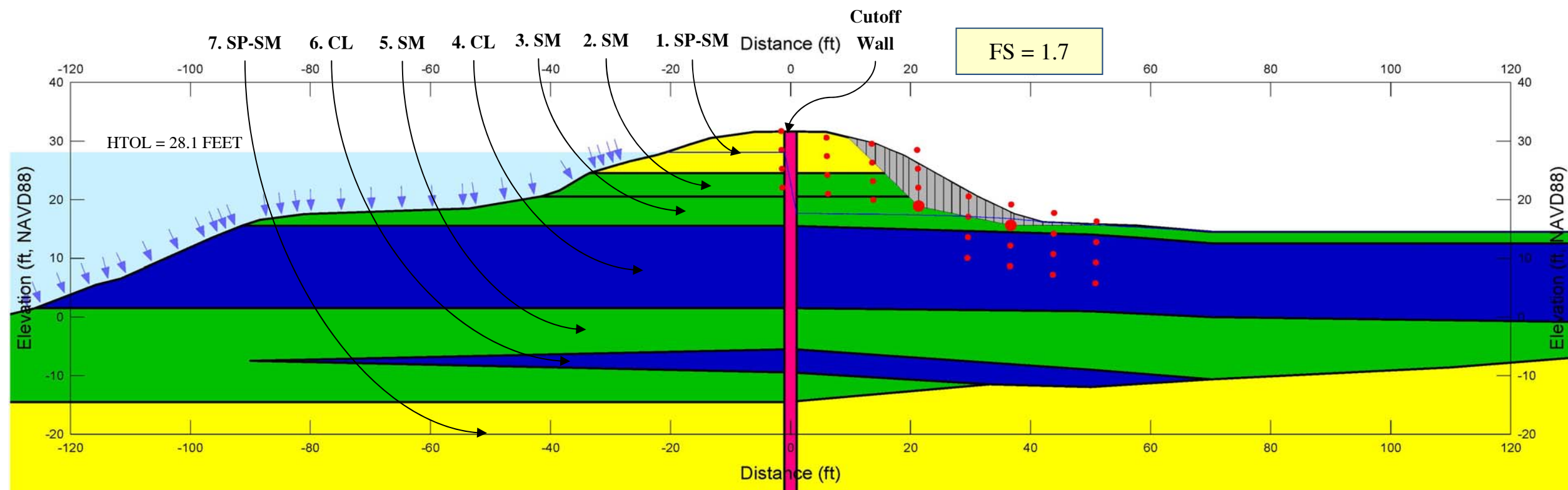
FIGURE NO.
E-49-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



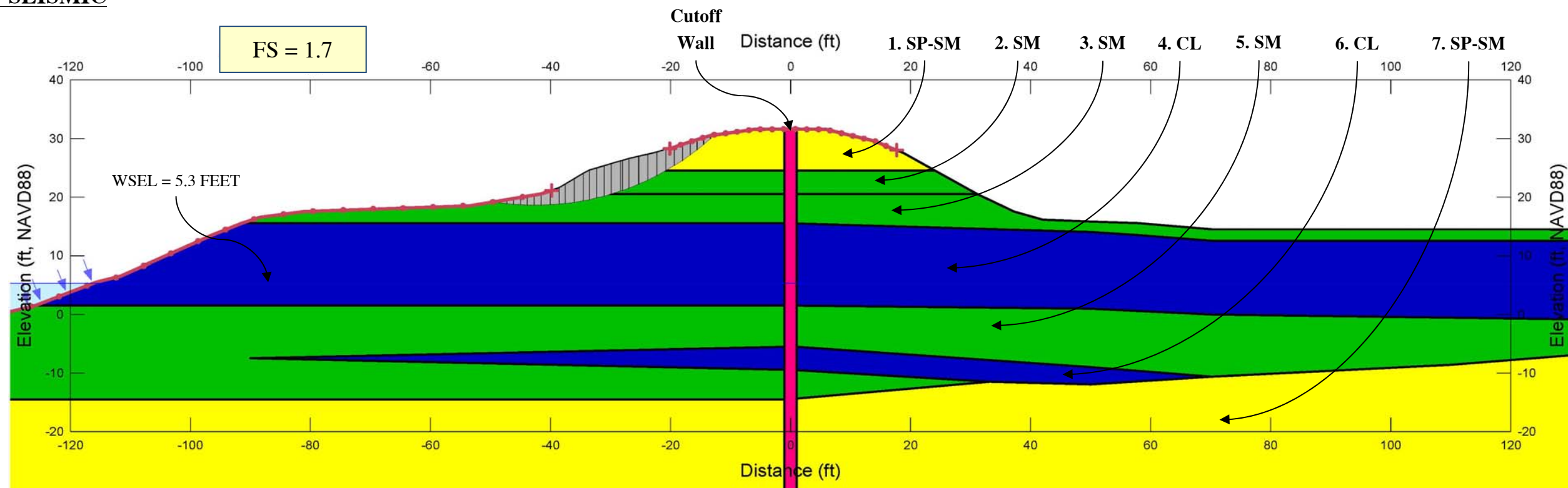
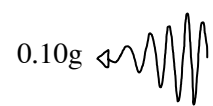
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 671+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

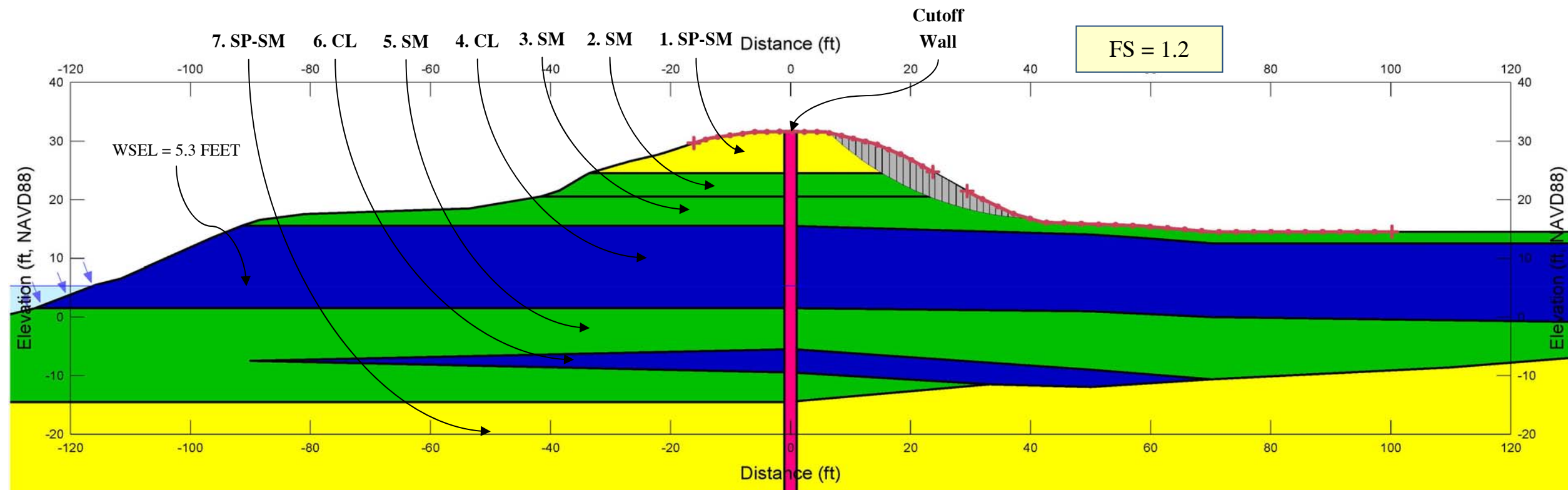
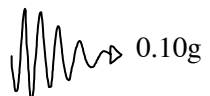
FIGURE NO.
E-49-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



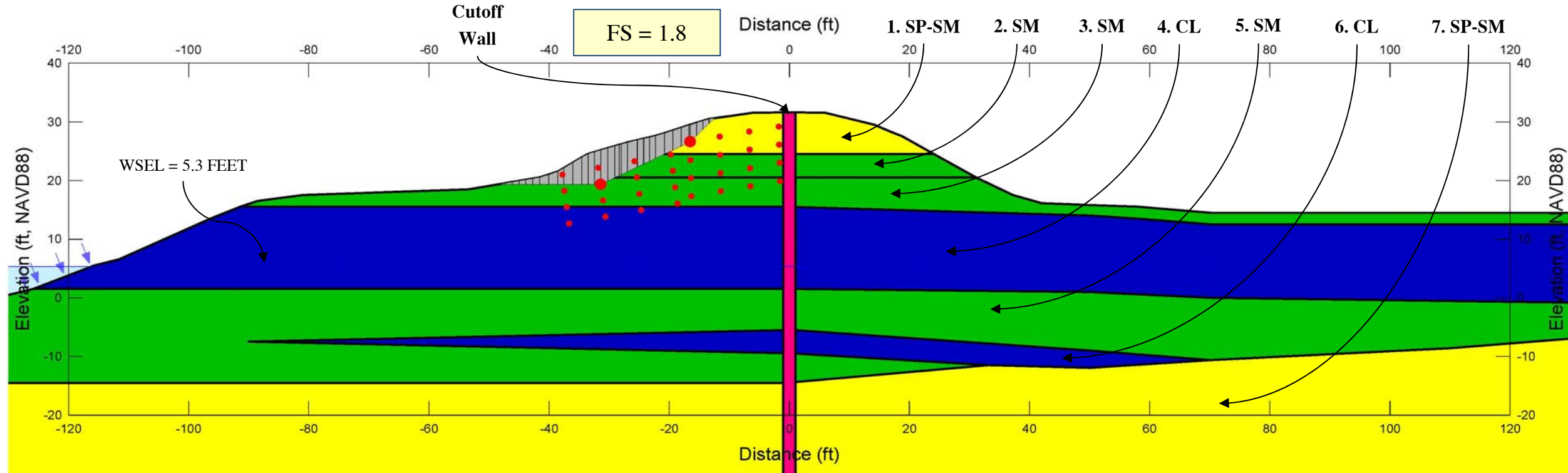
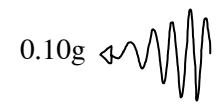
LANDSIDE SEISMIC



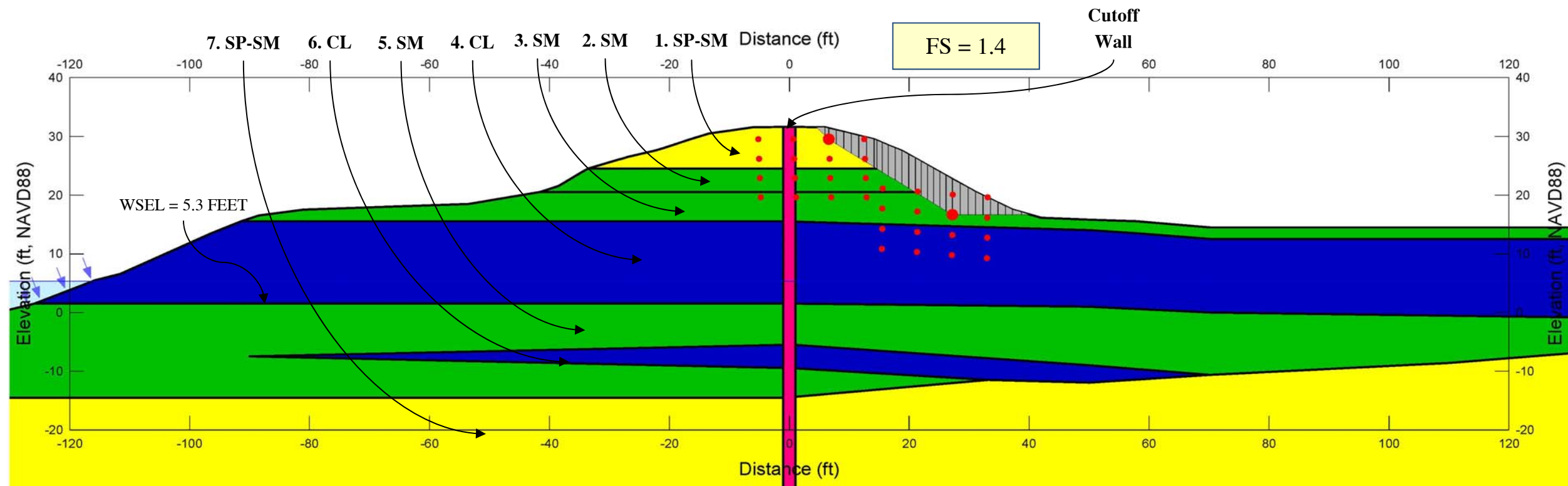
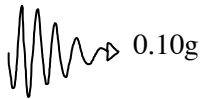
	SEISMIC SLOPE STABILITY ANALYSIS REACH L2 - STA 671+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-49-G
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



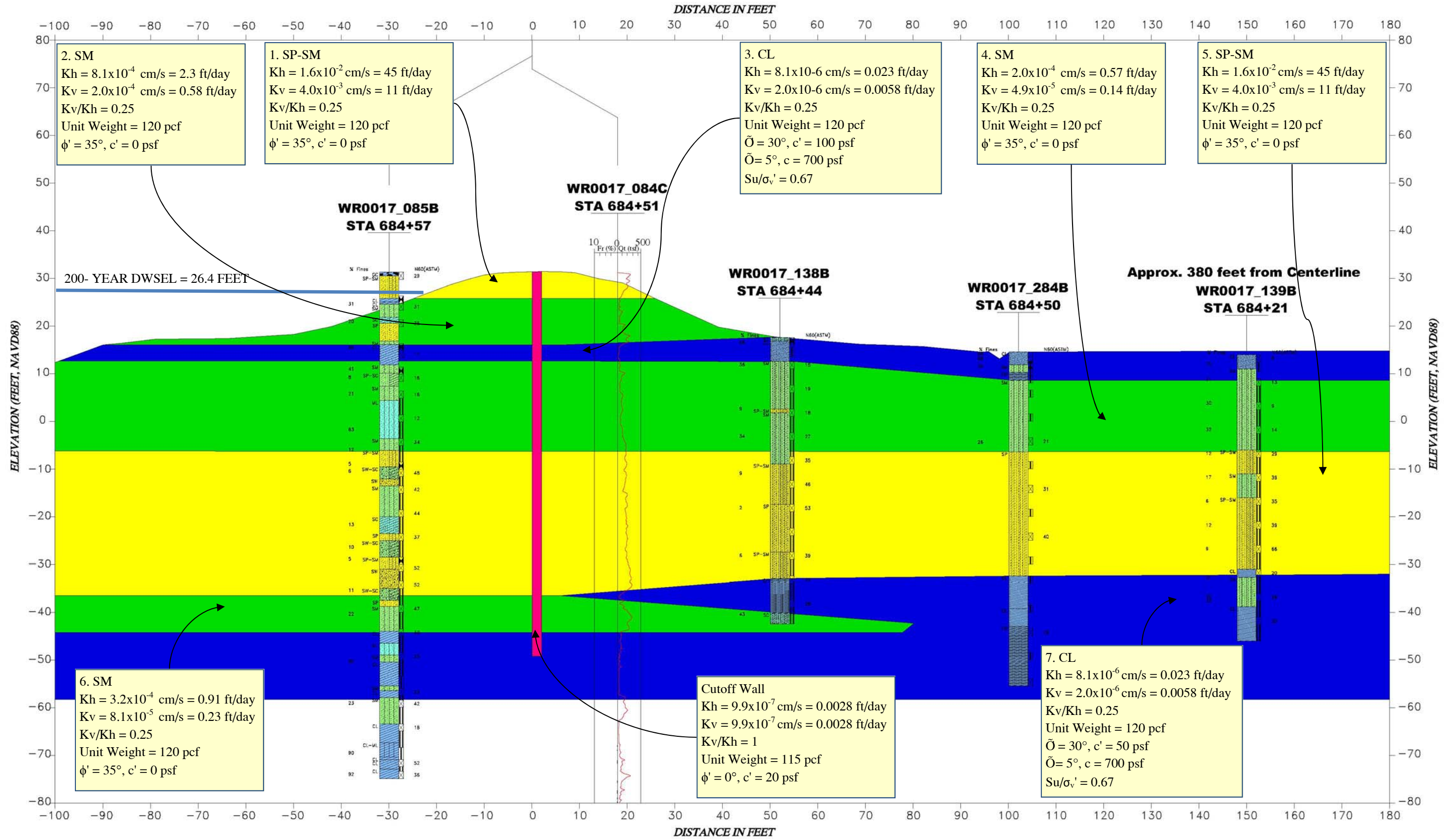
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 671+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.
E-49-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



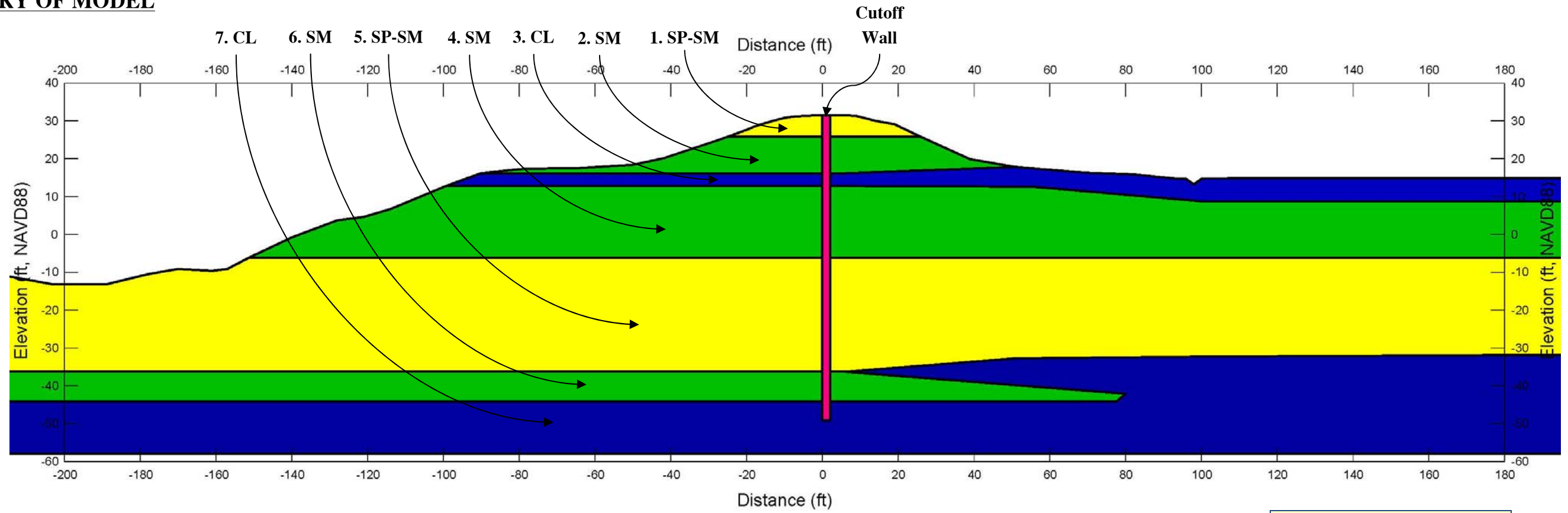
CROSS SECTION & MATERIAL PARAMETERS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZH
CHECKED BY:	NS

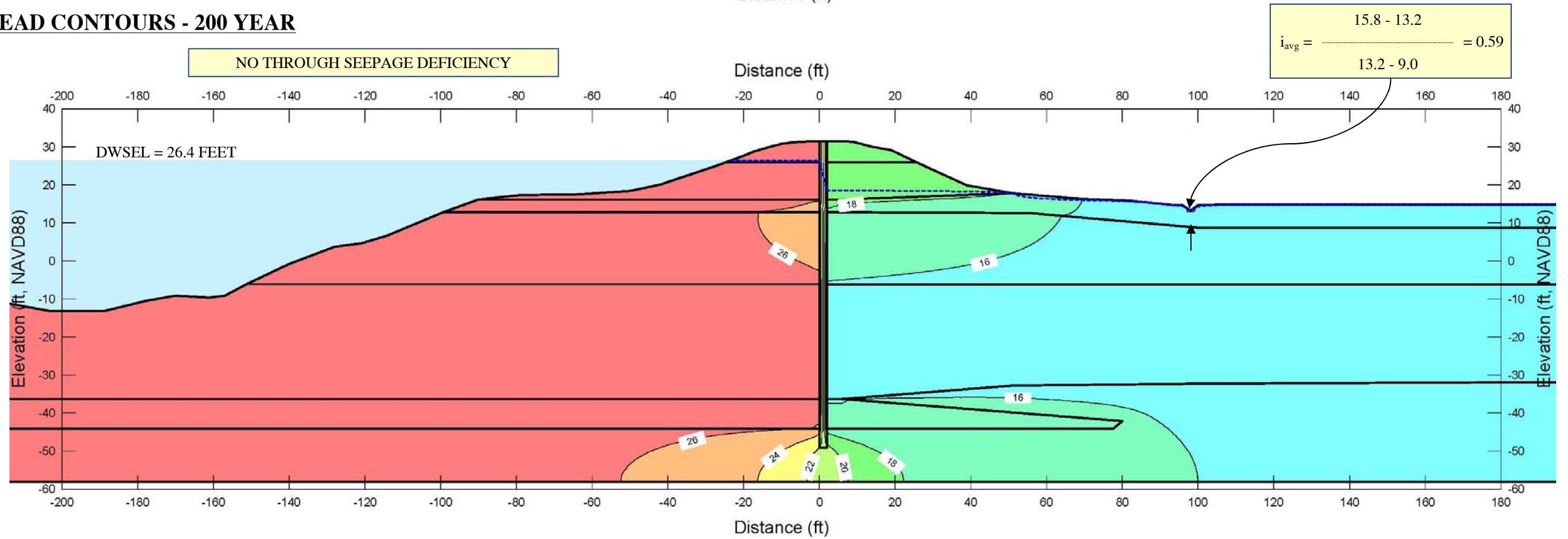
FIGURE NO.
E-50-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



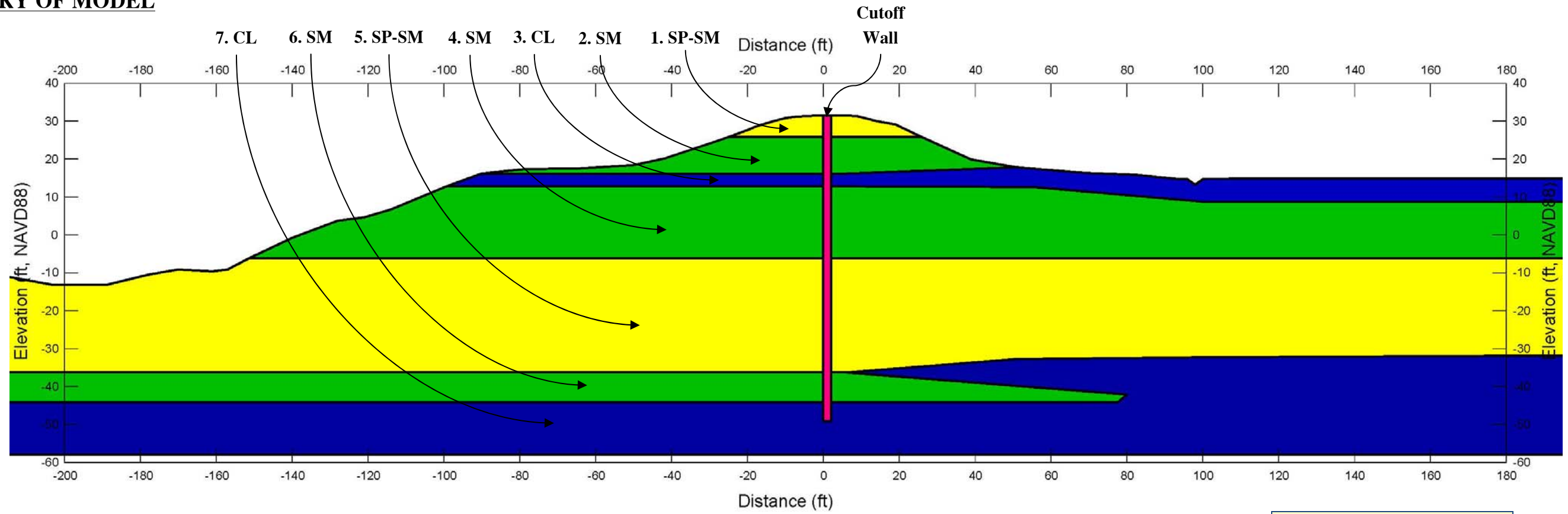
SEEPAGE ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

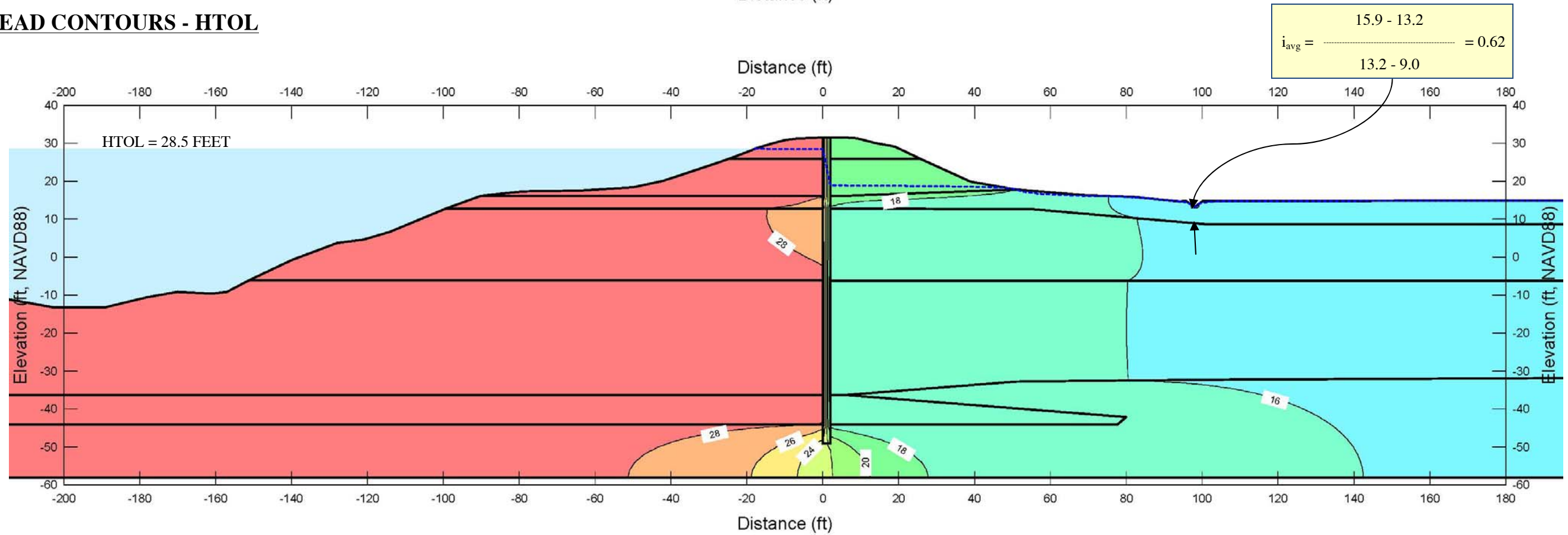
FIGURE NO.
E-50-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

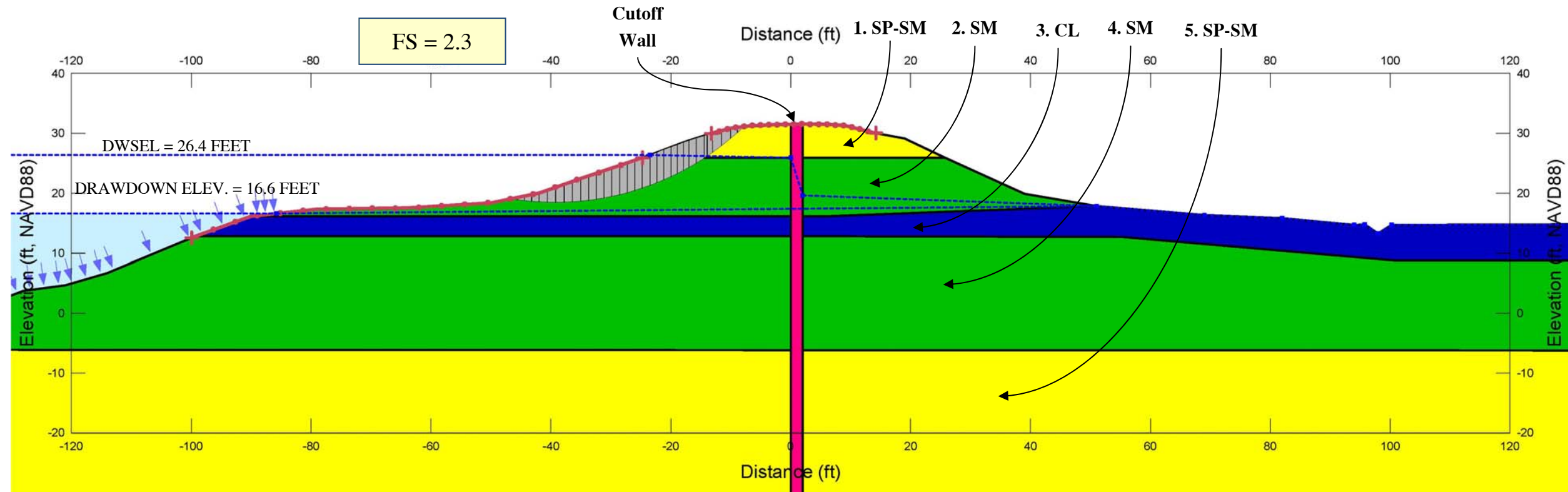
GEOMETRY OF MODEL



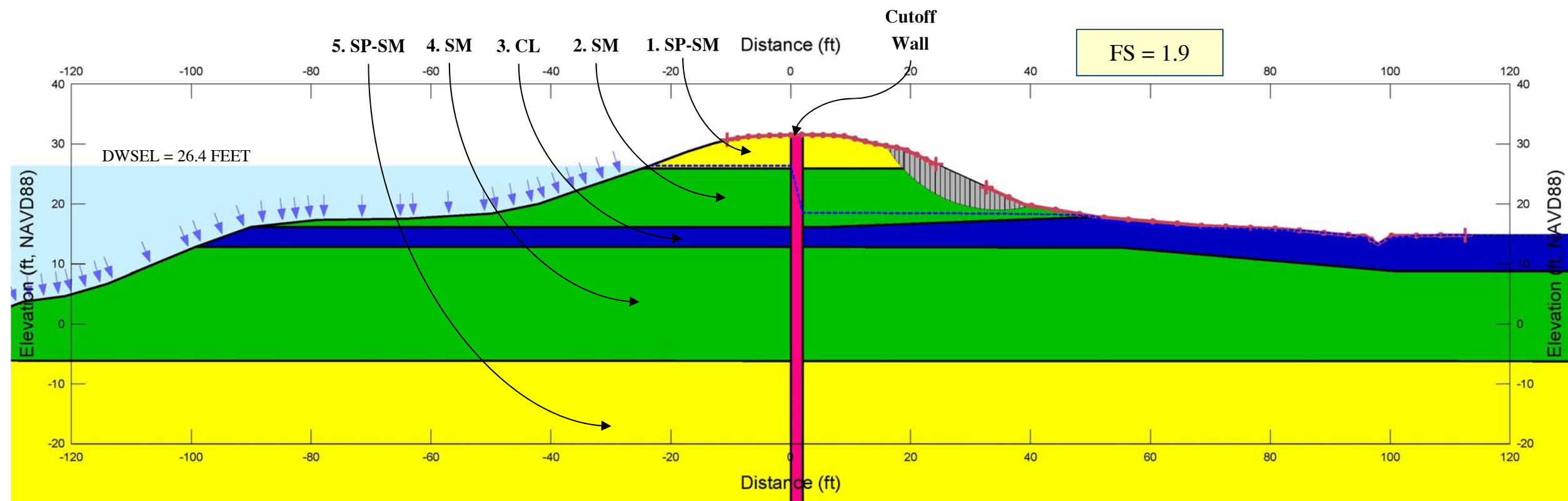
TOTAL HEAD CONTOURS - HTOL



WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



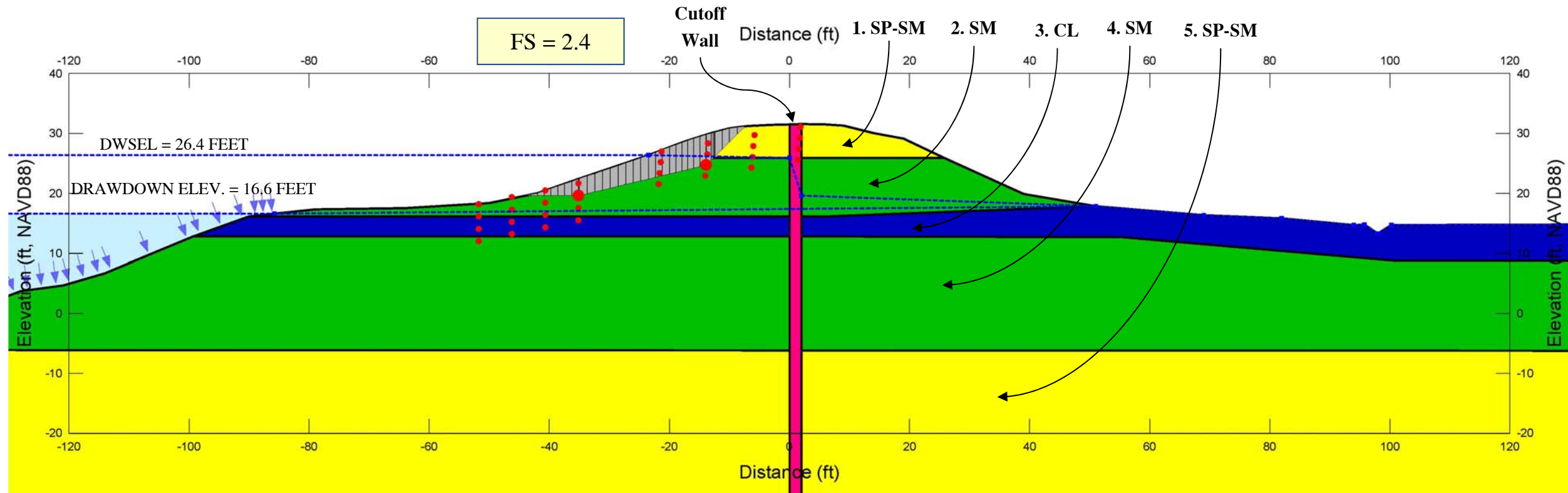
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

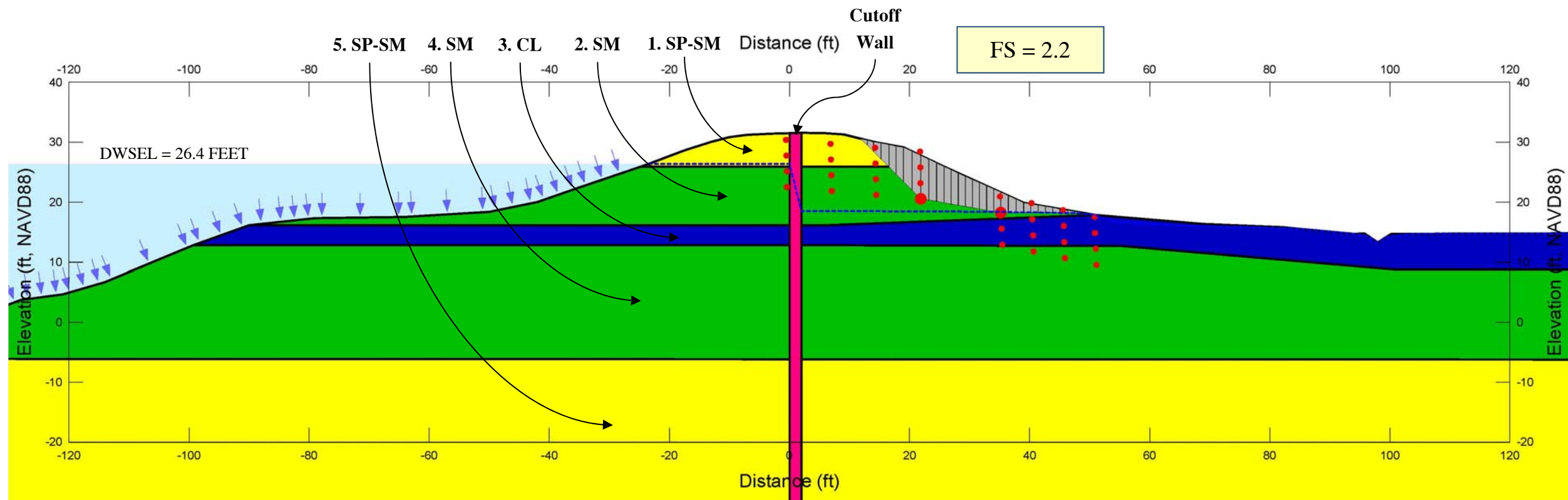
FIGURE NO.
E-50-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



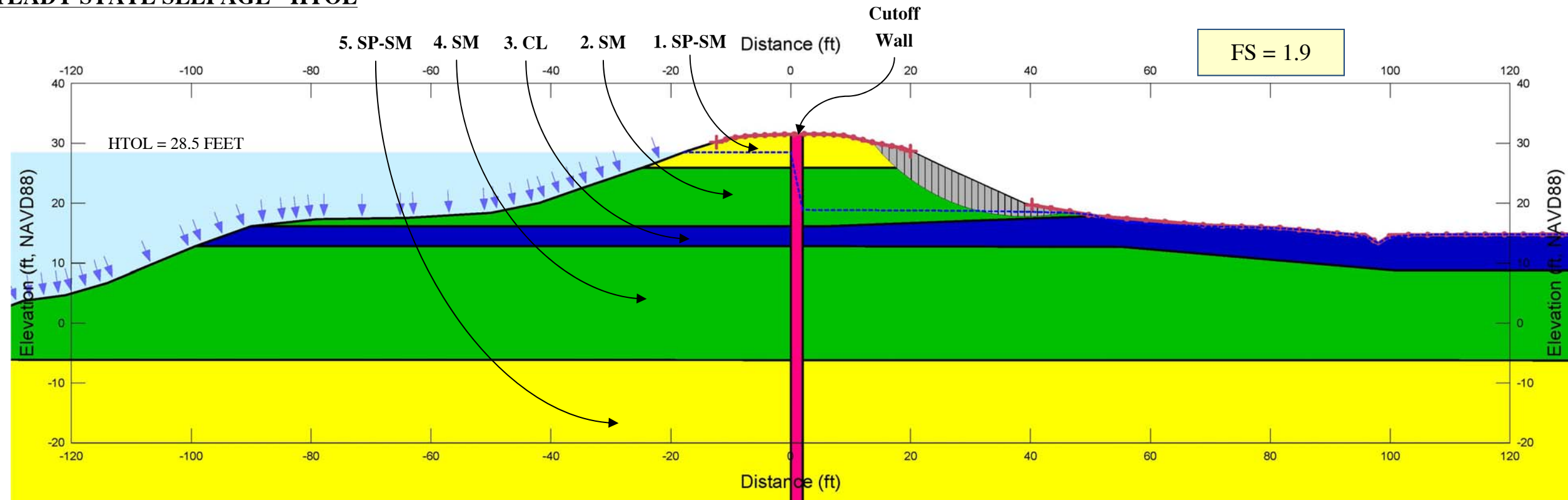
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

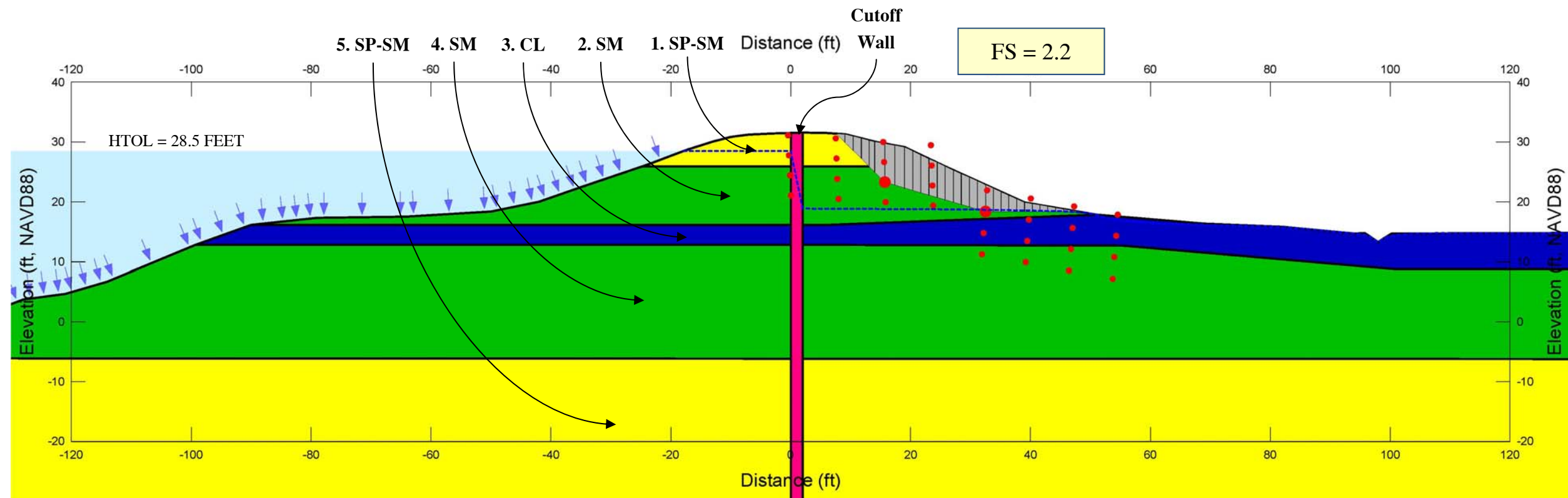
FIGURE NO.
E-50-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



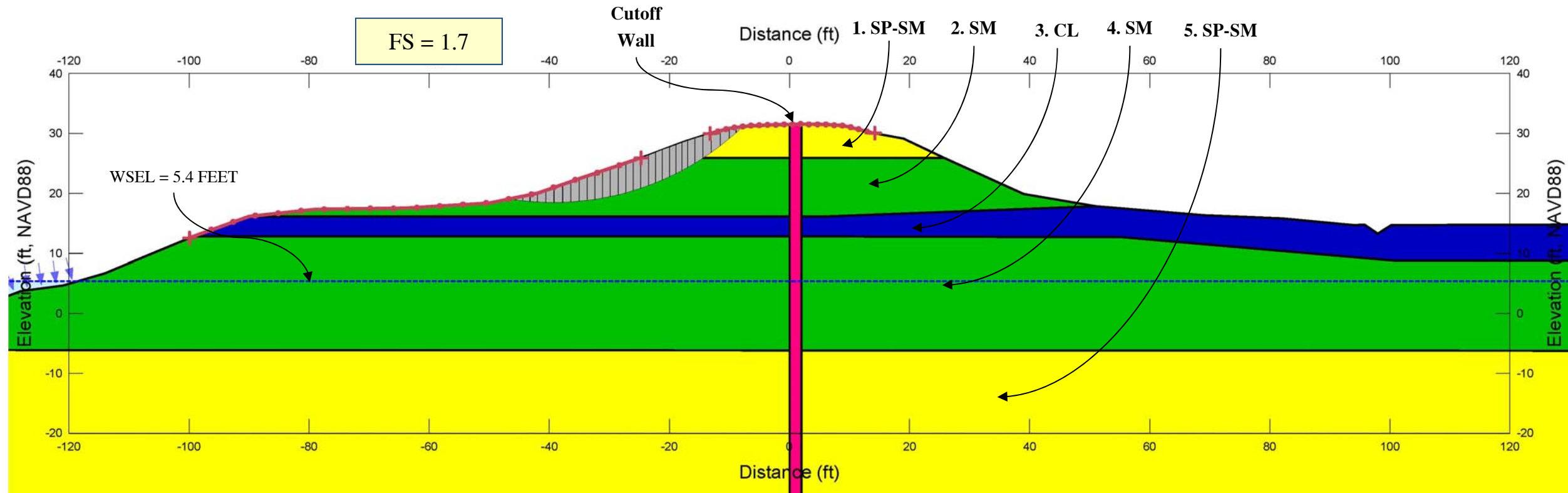
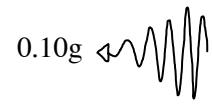
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

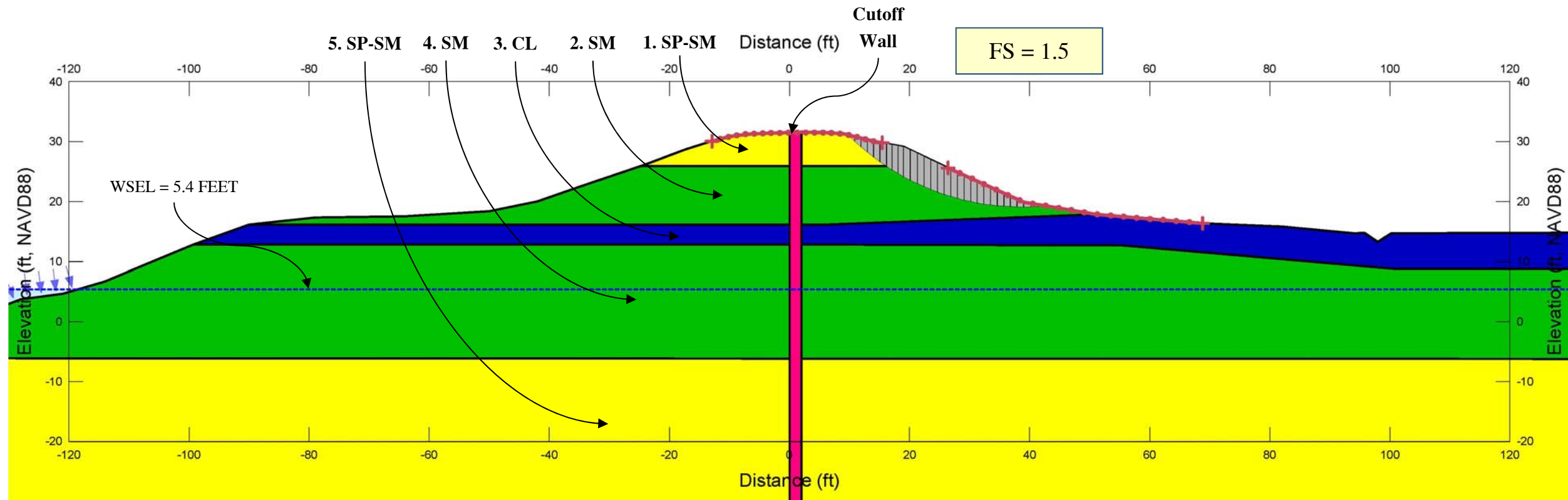
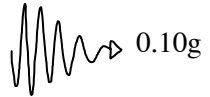
FIGURE NO.
E-50-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



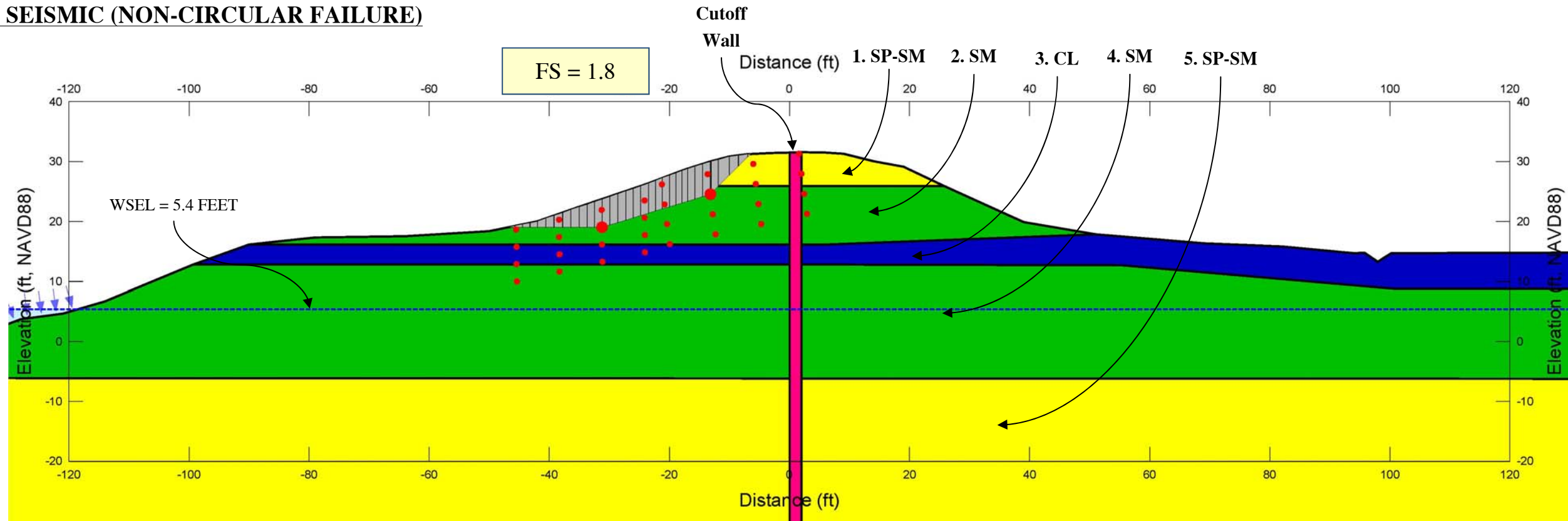
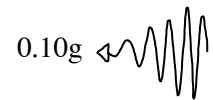
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

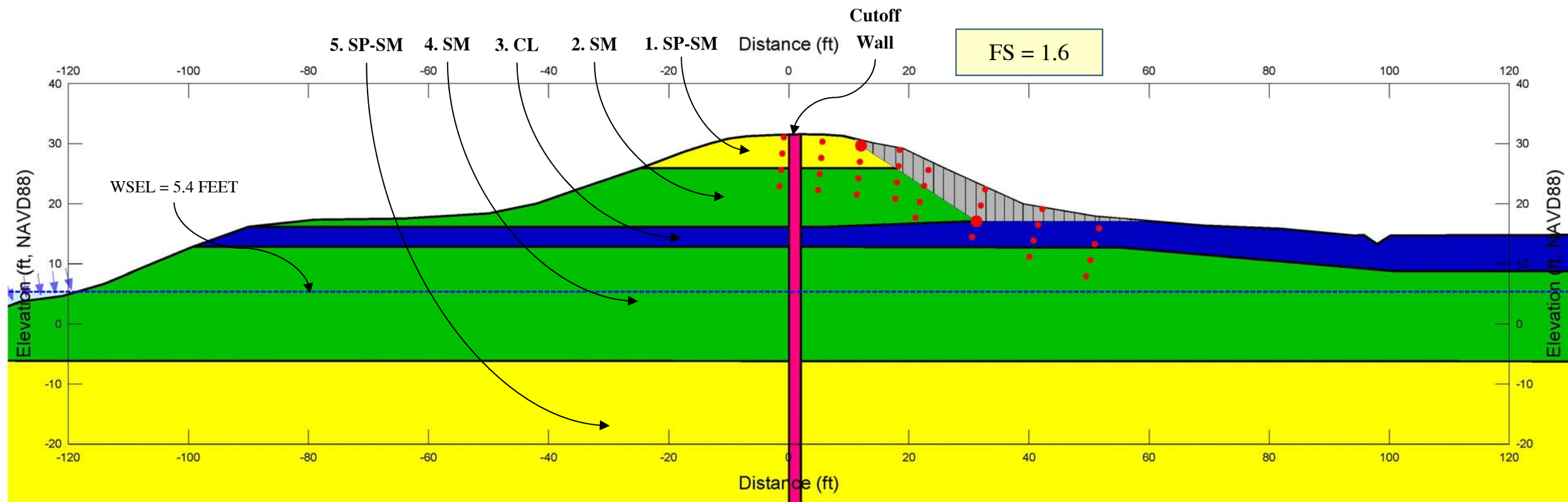
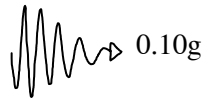
FIGURE NO.
E-50-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



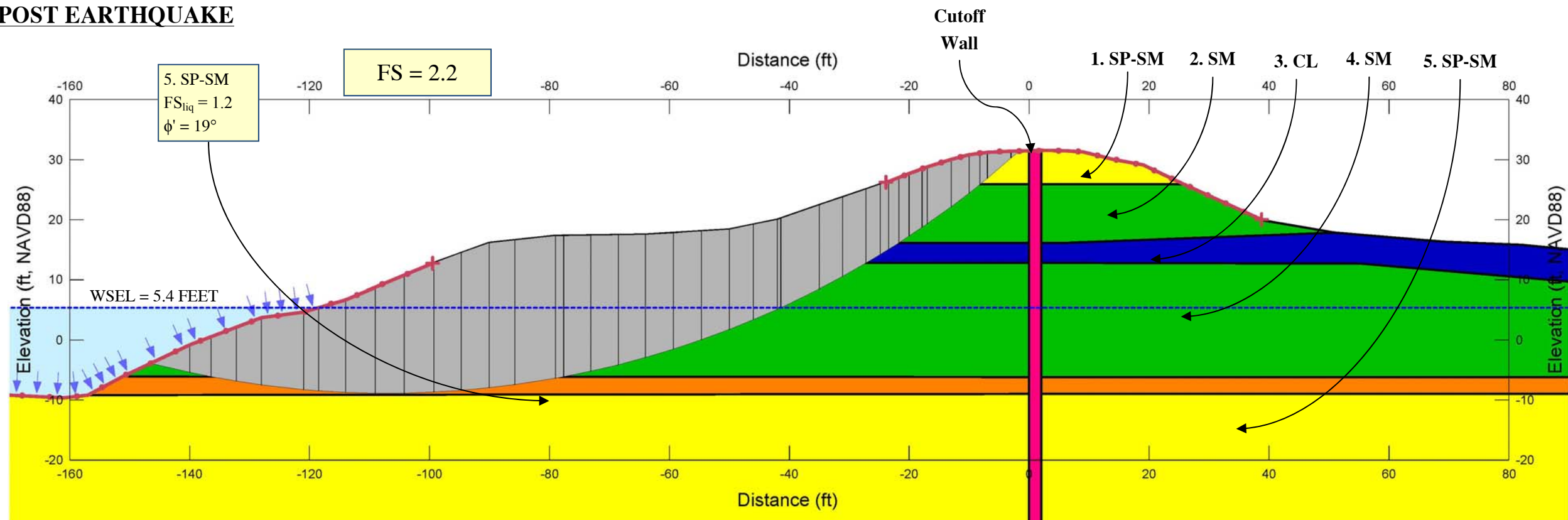
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

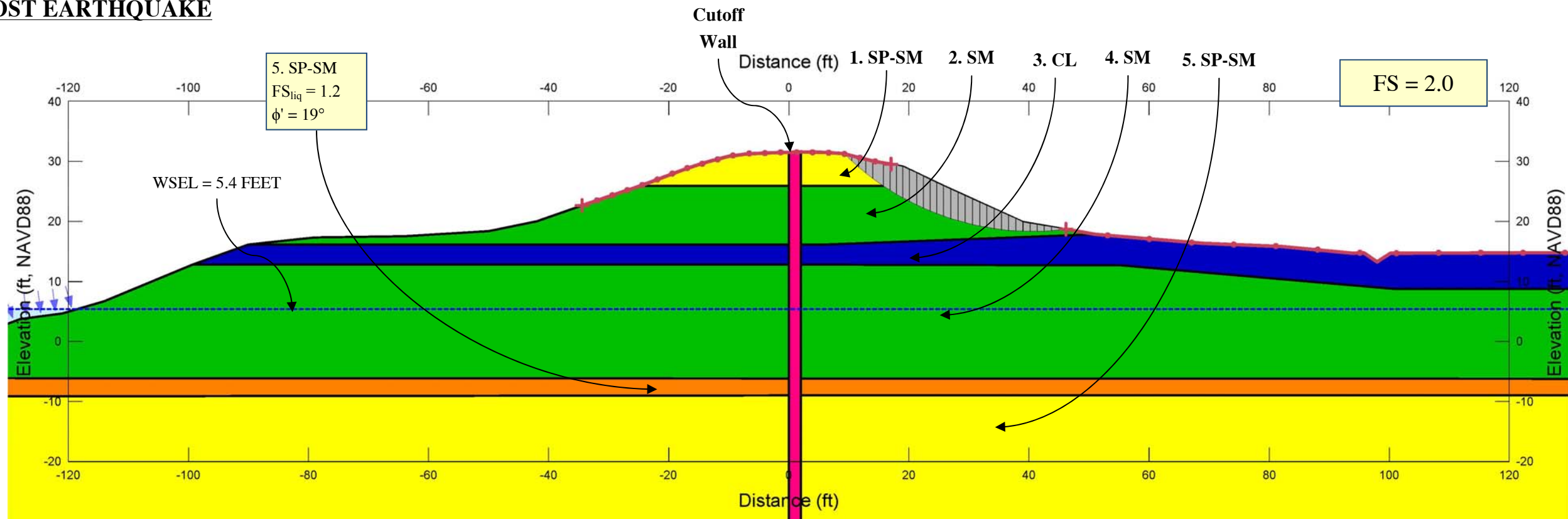
FIGURE NO.
E-50-H

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



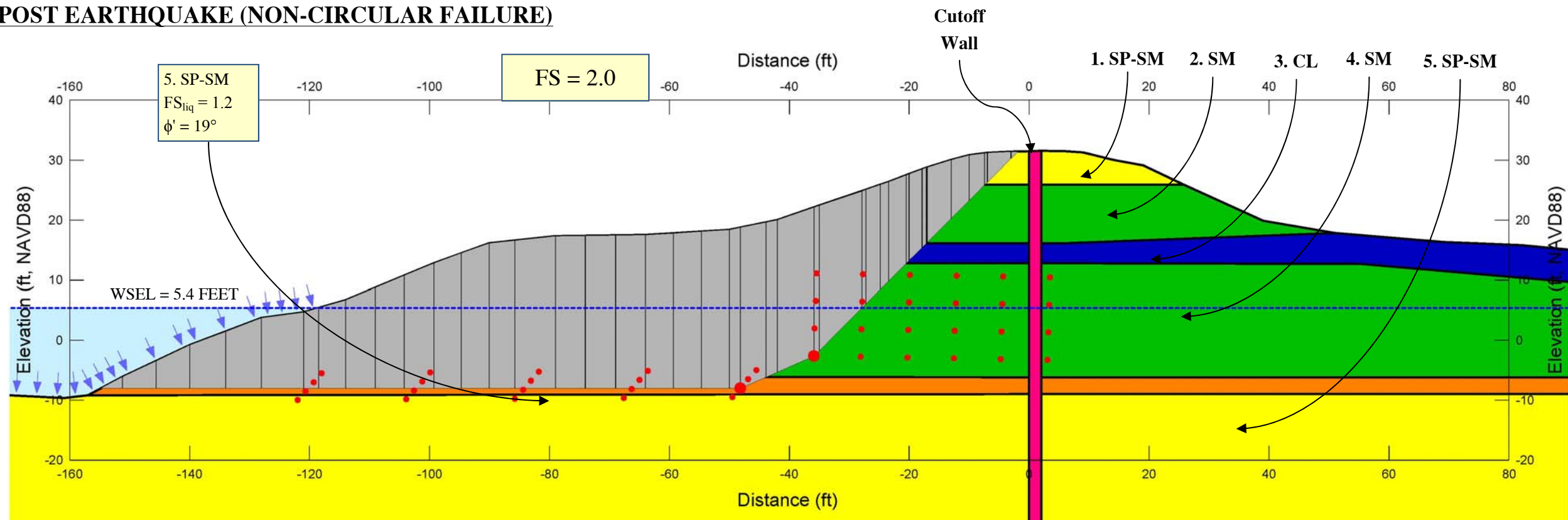
LANDSIDE POST EARTHQUAKE



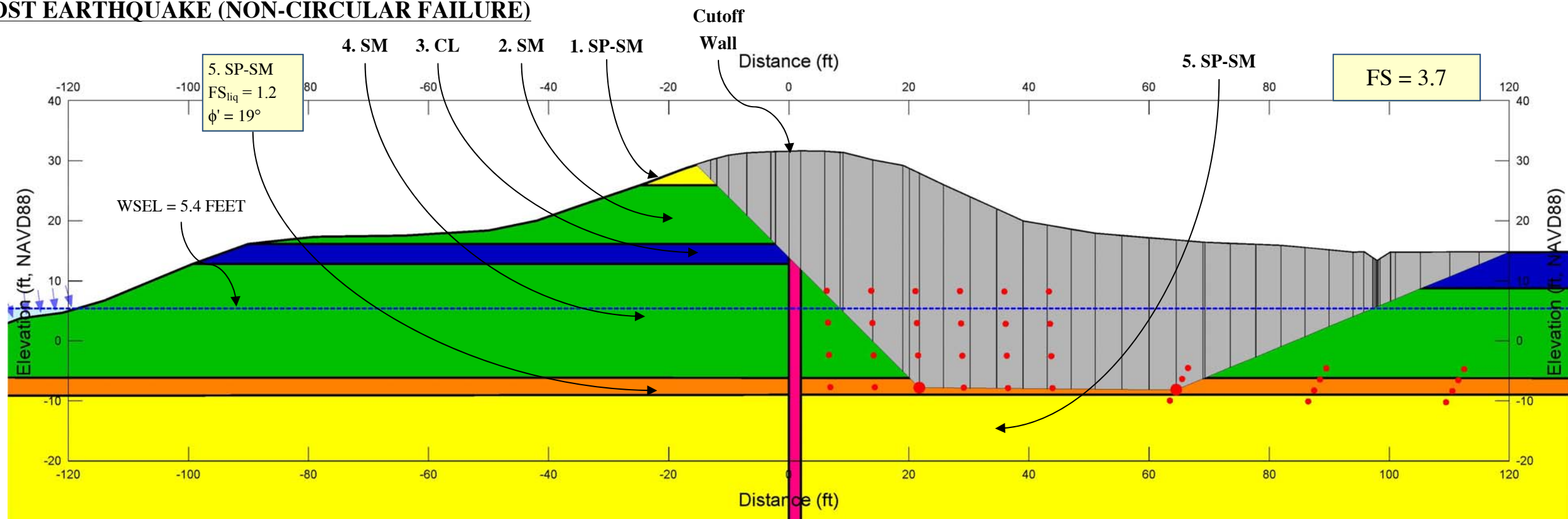
	SEISMIC SLOPE STABILITY ANALYSIS		PROJECT NO.: 5747.005.000	FIGURE NO. E-50-I
	REACH L2 - STA 684+50		SCALE: NO SCALE	
	RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		DRAWN BY: BA CHECKED BY: CC	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 684+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

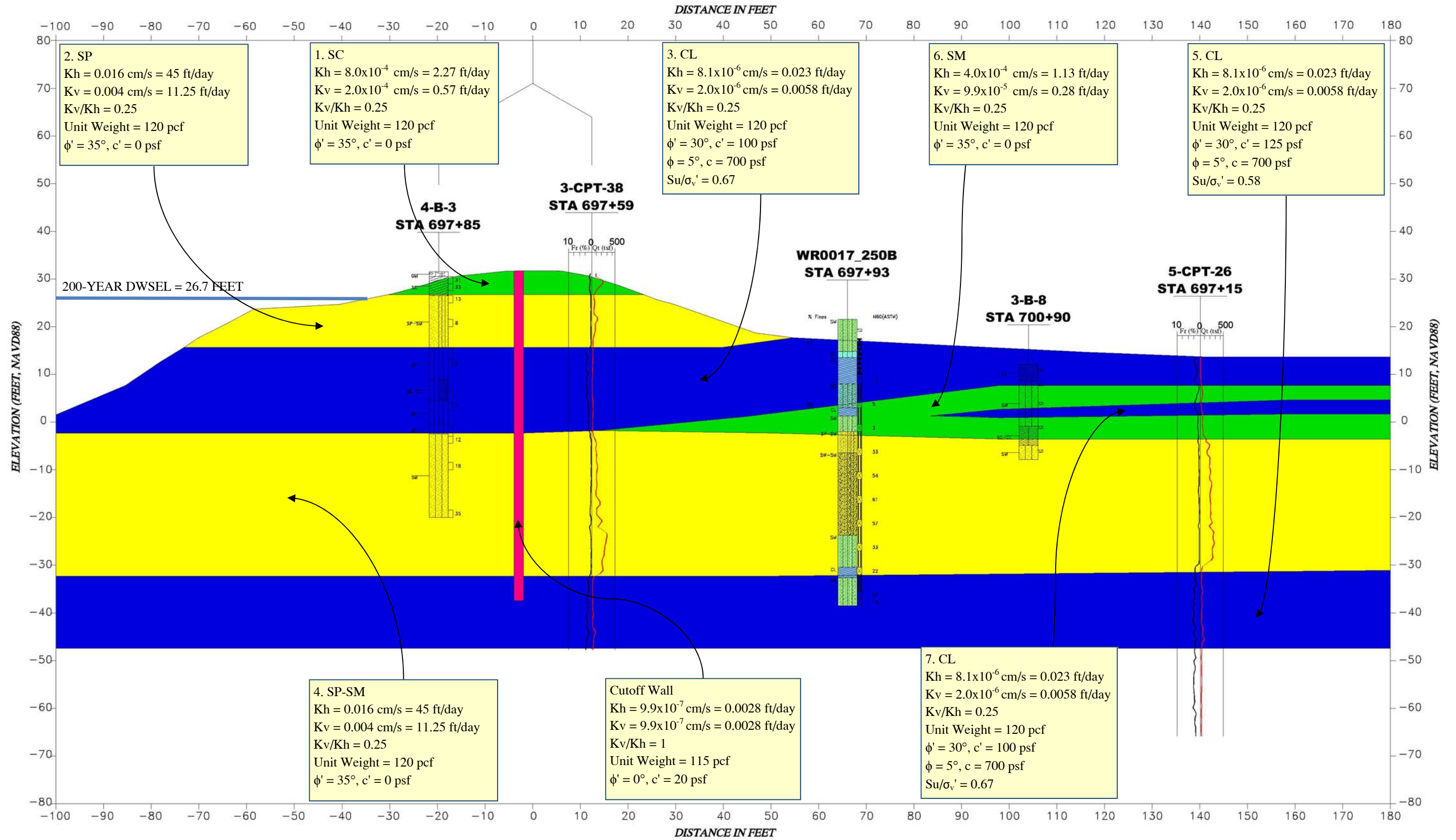
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: CC

FIGURE NO.

E-50-J

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



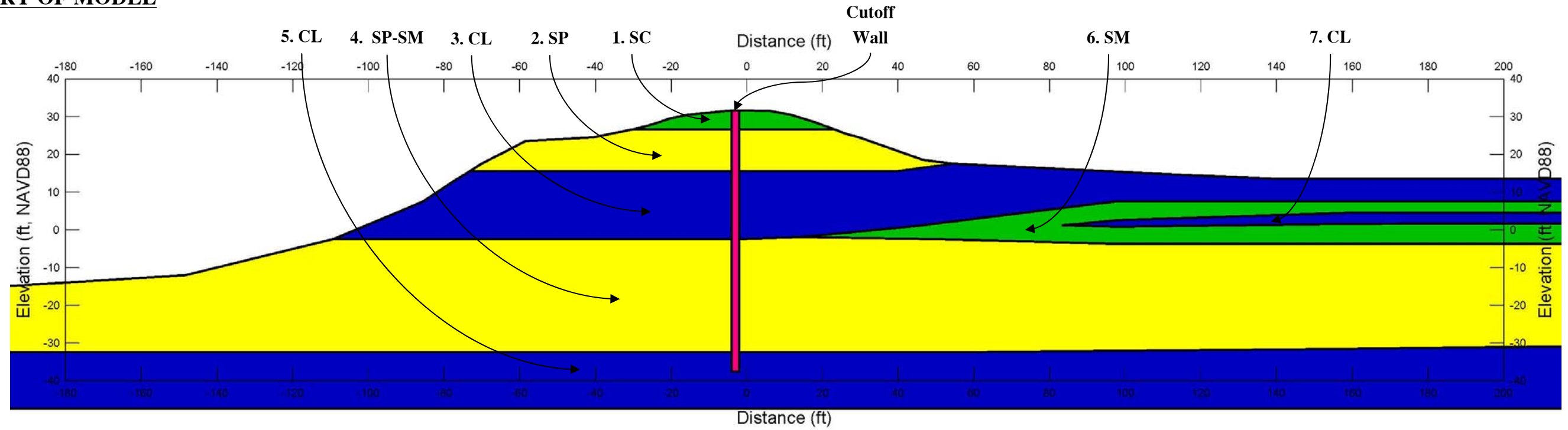
CROSS SECTION & MATERIAL PARAMETERS
 REACH L2 - STA 700+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZH
CHECKED BY:	JB

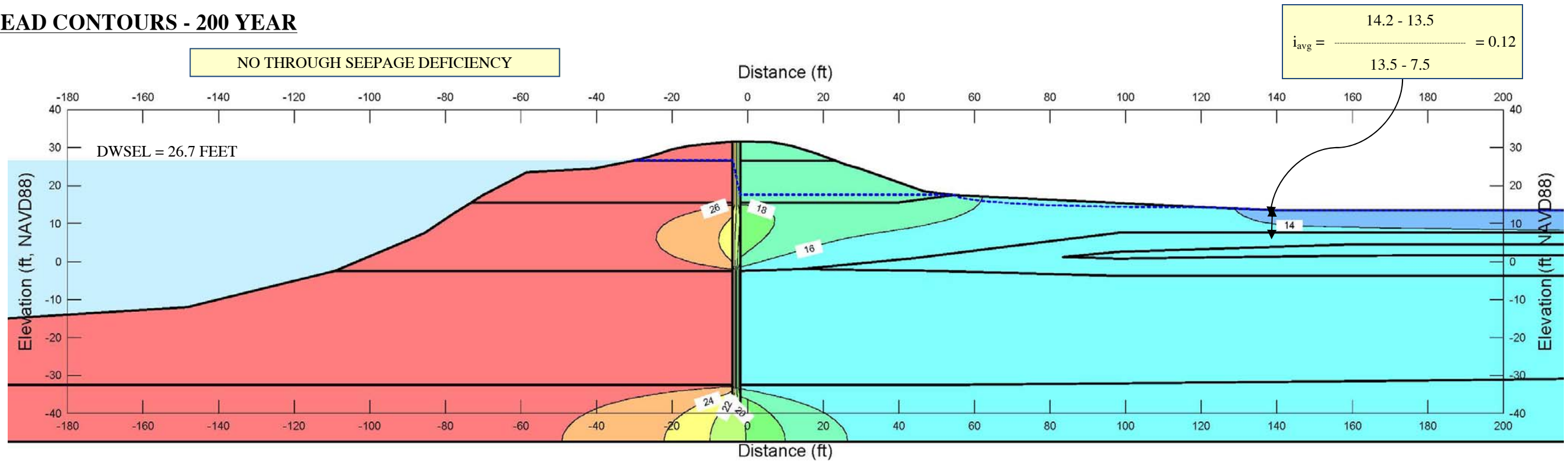
FIGURE NO.
E-51-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL

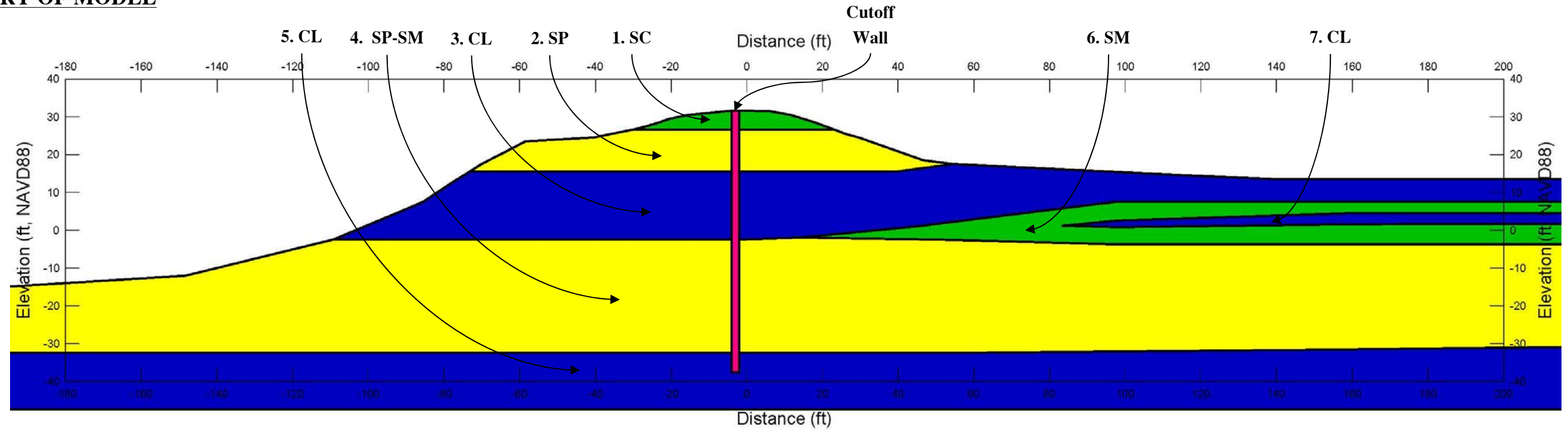


TOTAL HEAD CONTOURS - 200 YEAR

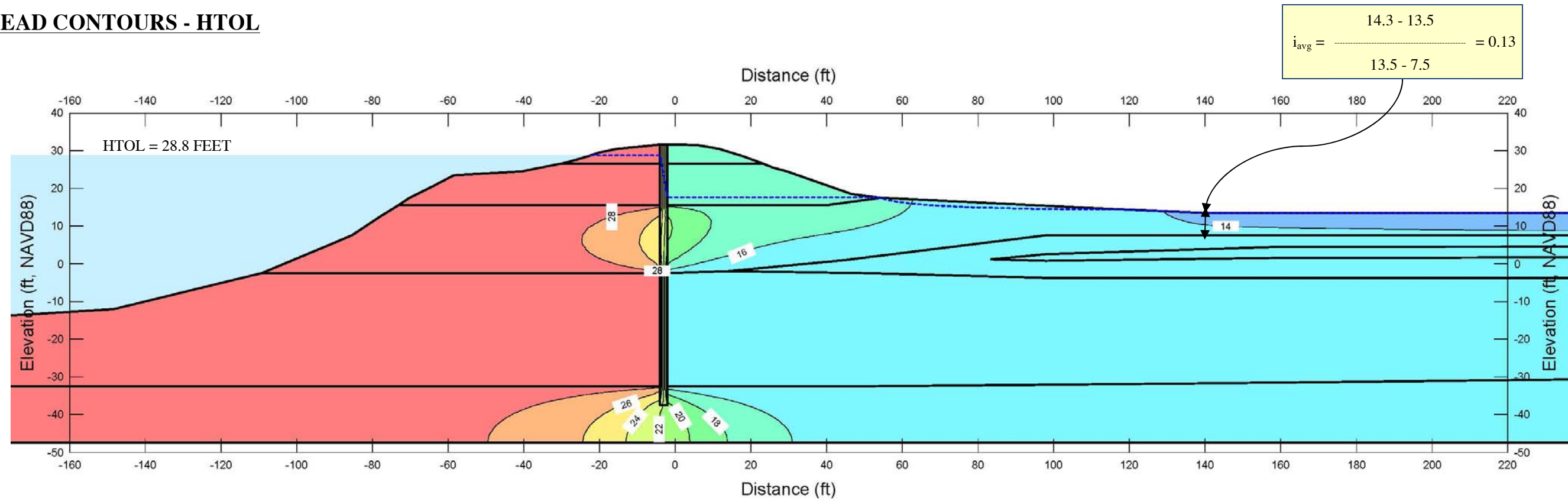


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



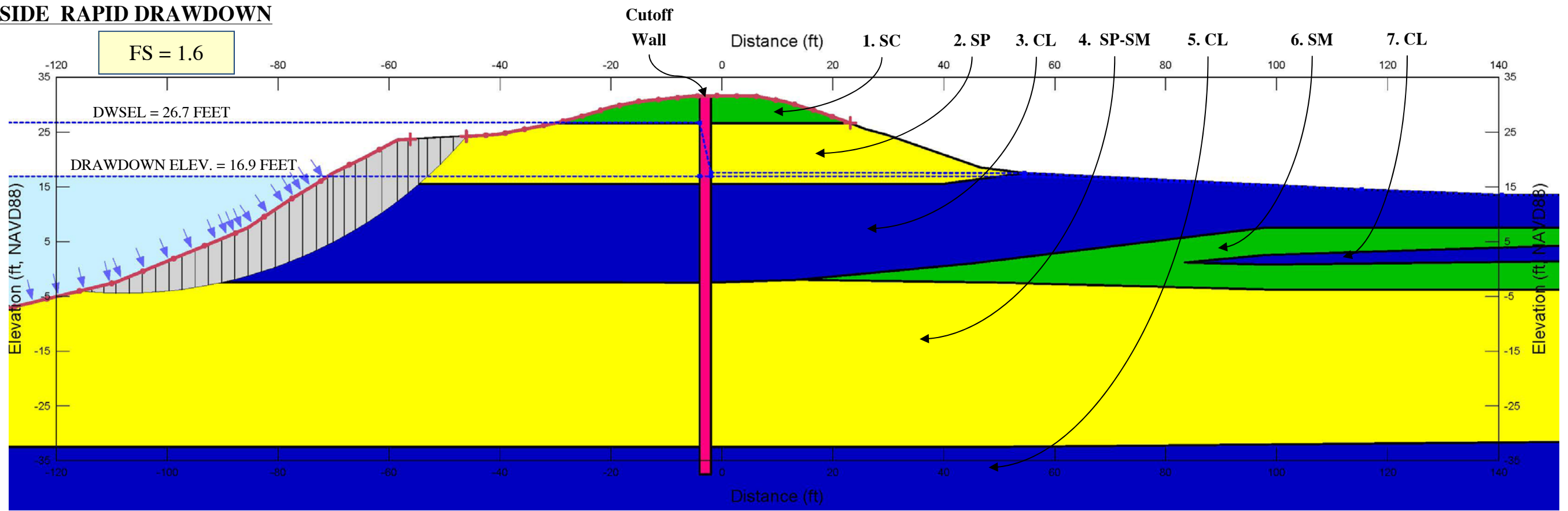
SEEPAGE ANALYSIS
REACH L2 - STA 700+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

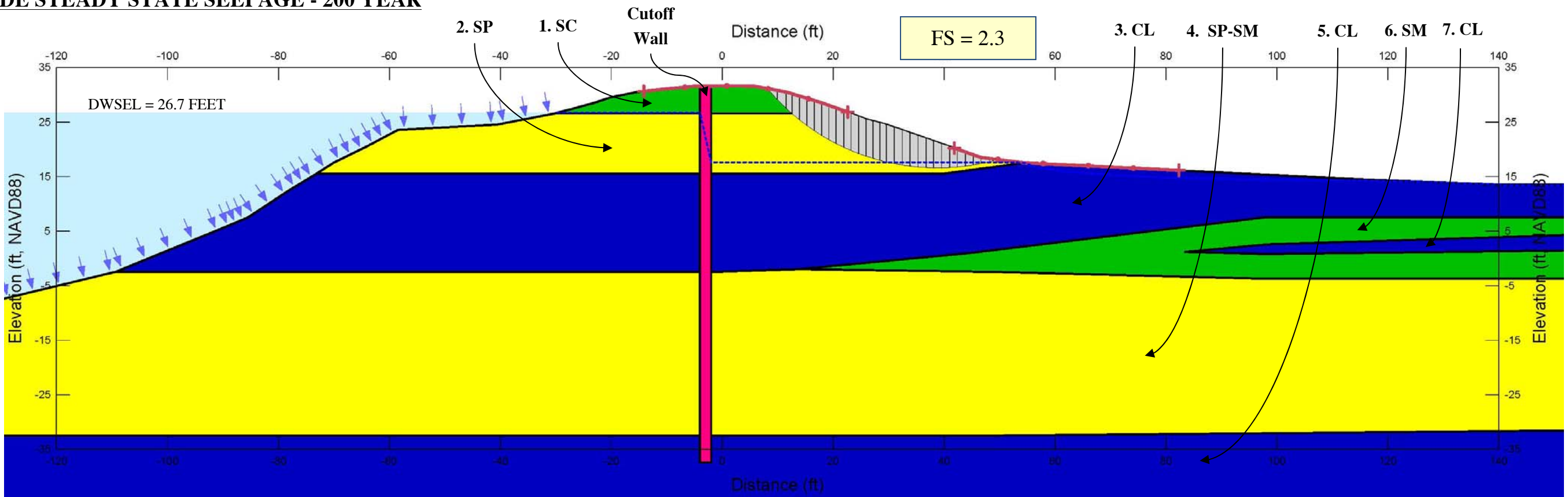
FIGURE NO.
E-51-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



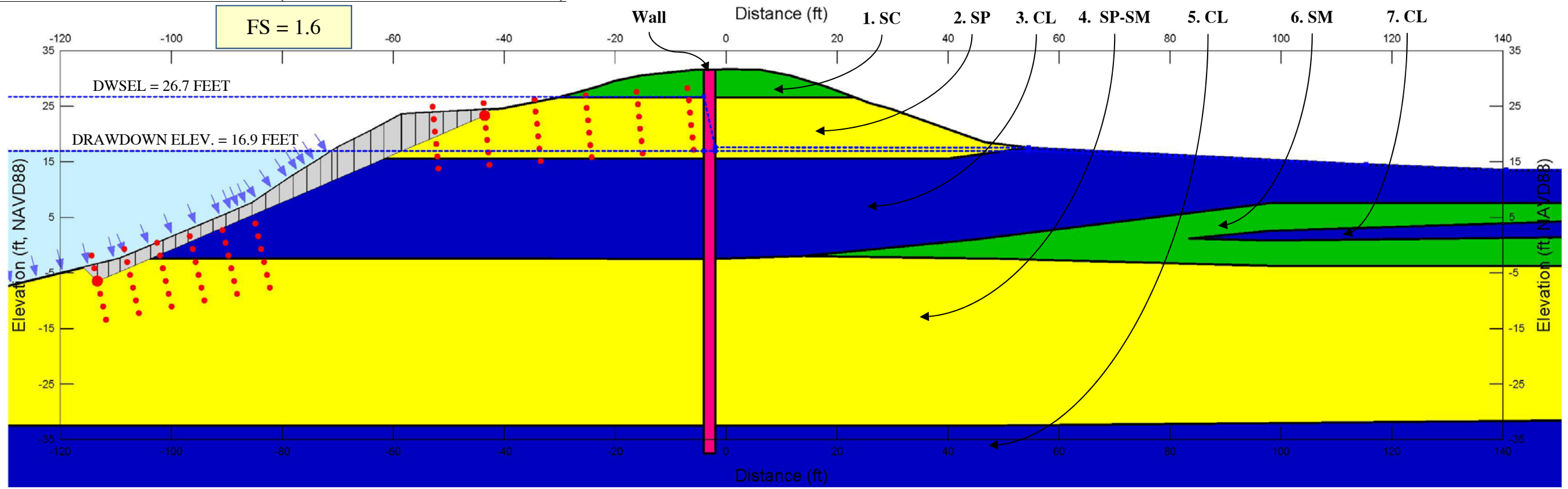
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 700+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

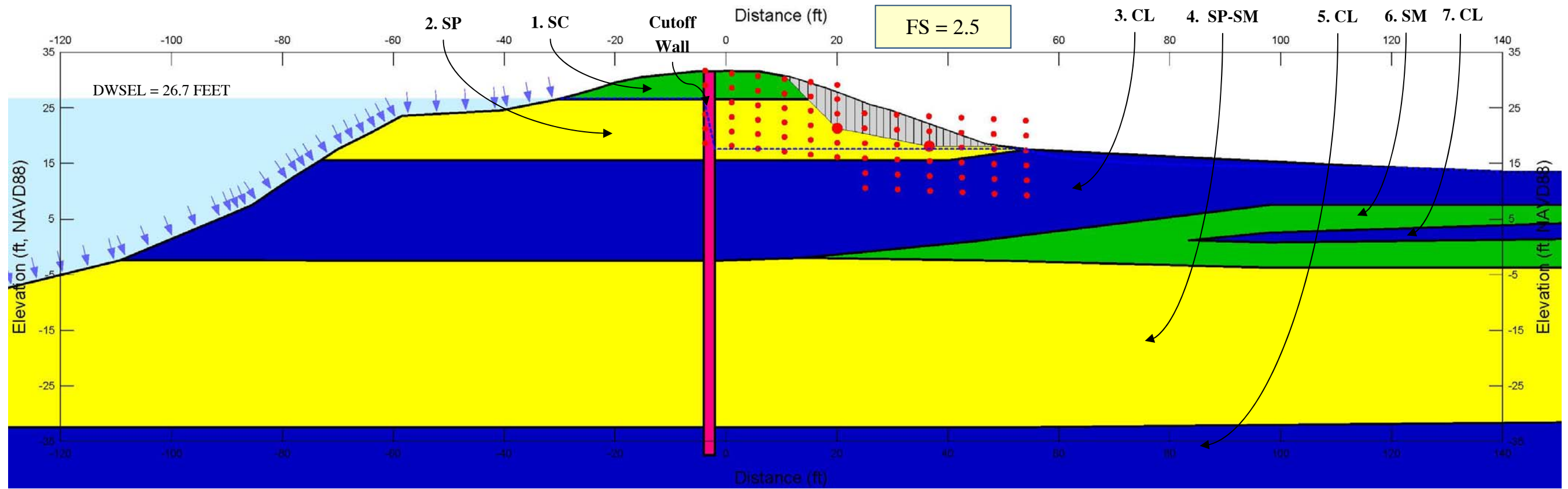
FIGURE NO.
E-51-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



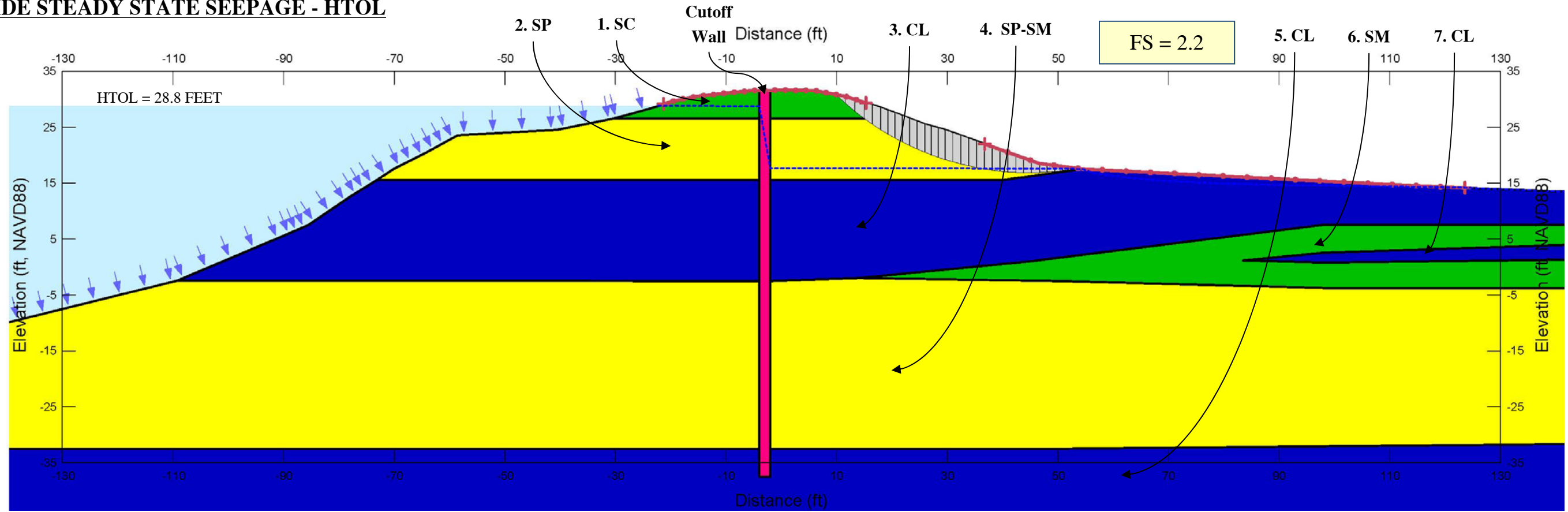
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



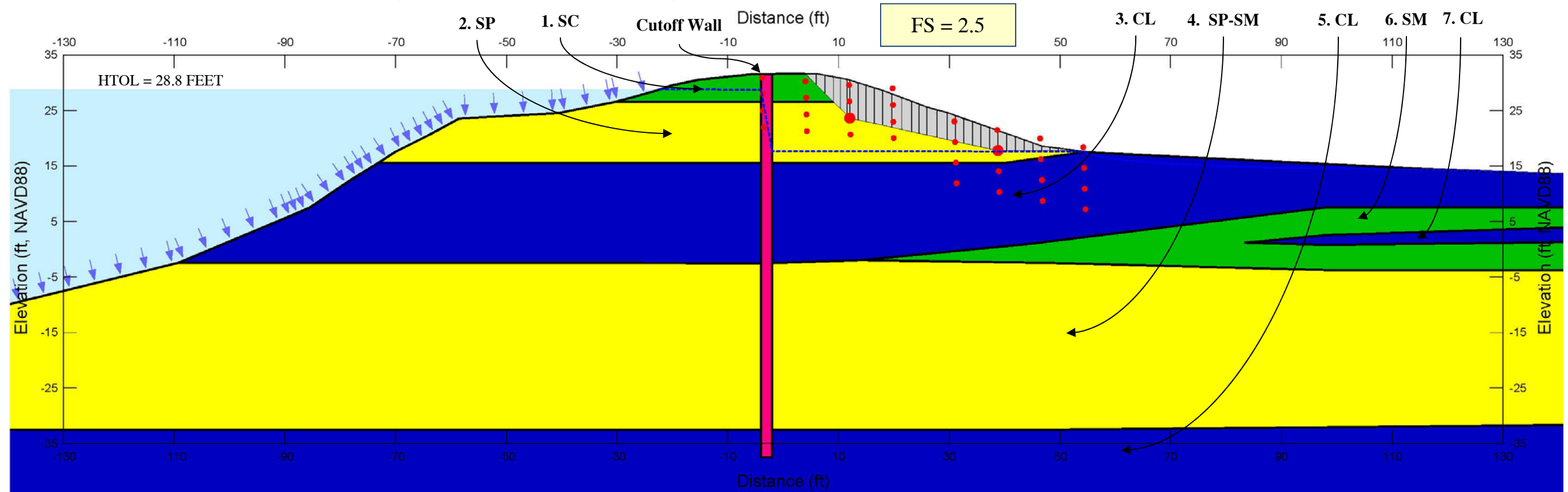
	STATIC SLOPE STABILITY ANALYSIS REACH L2 - STA 700+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-51-E
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



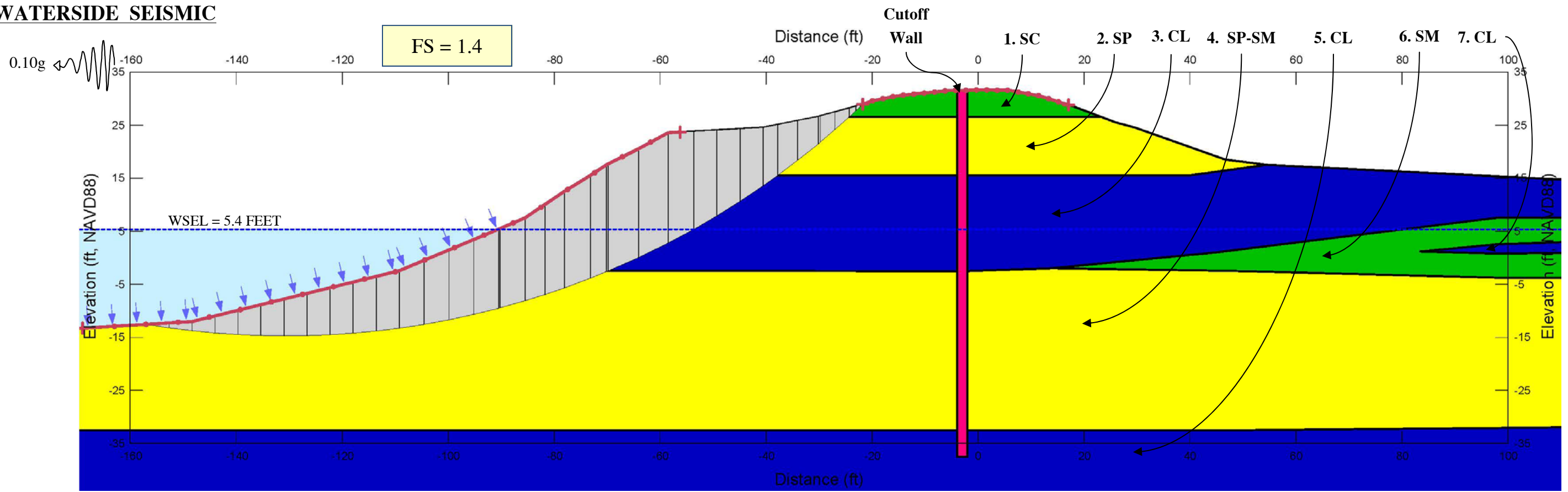
STATIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 700+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

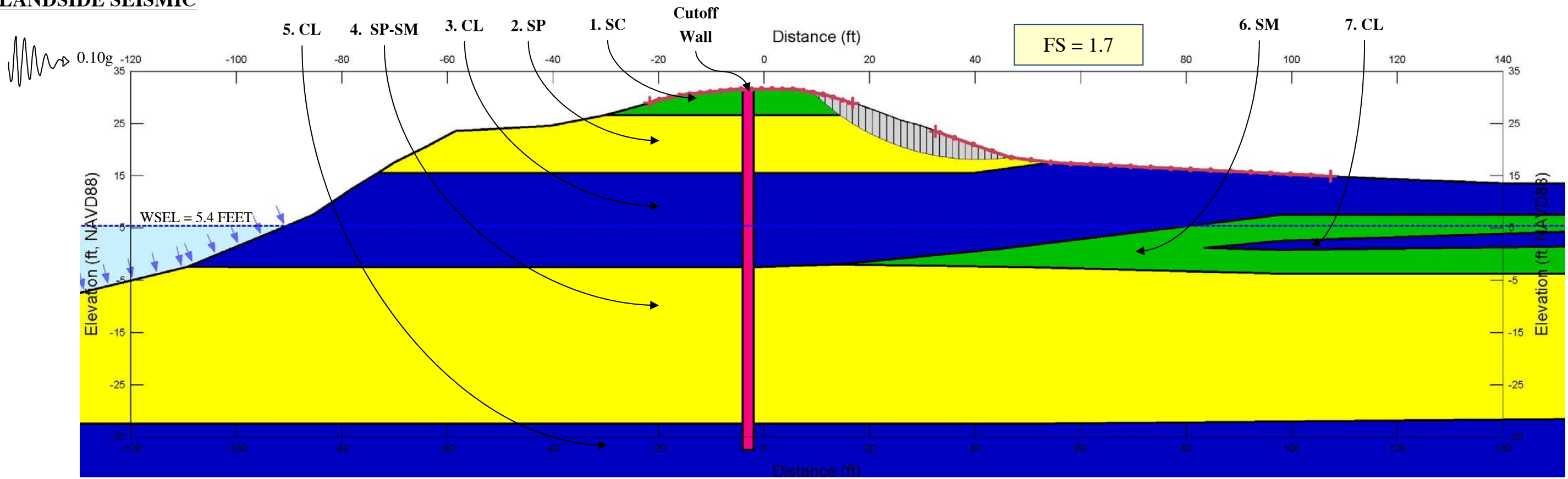
FIGURE NO.
E-51-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



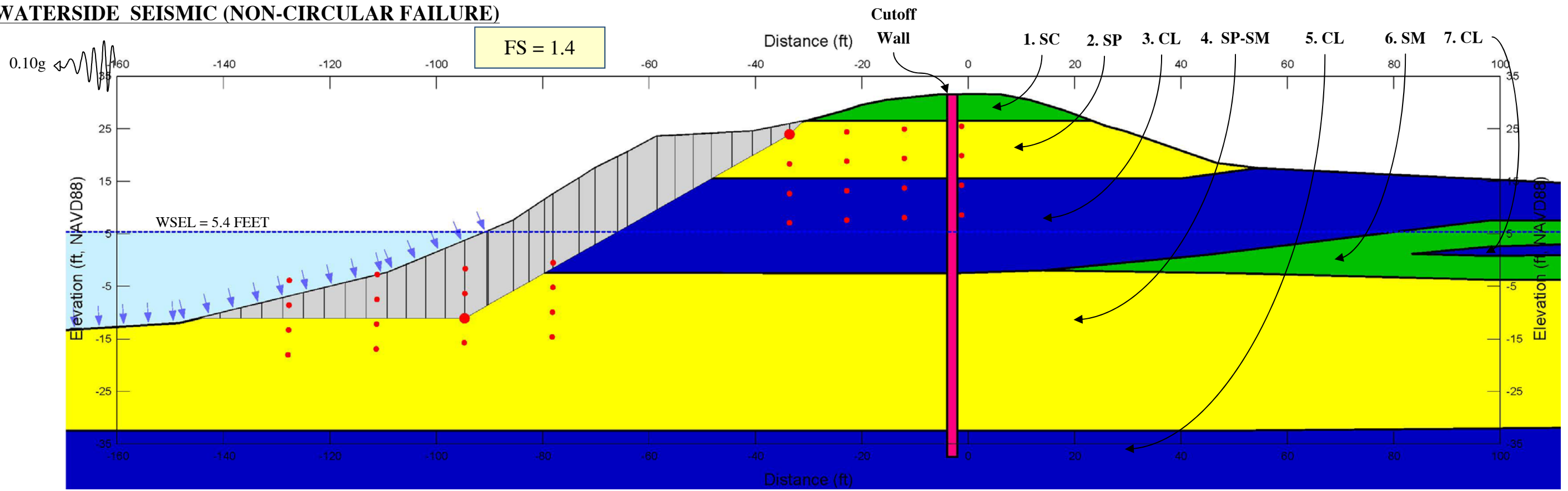
SEISMIC SLOPE STABILITY ANALYSIS
 REACH L2 - STA 700+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

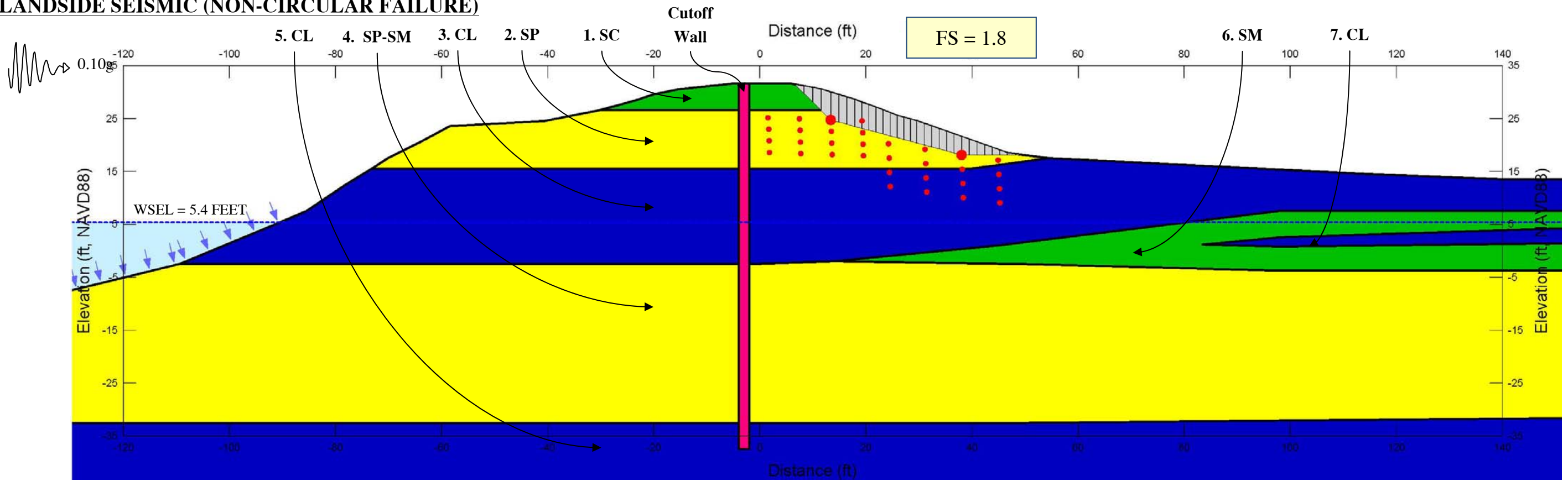
FIGURE NO.
E-51-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



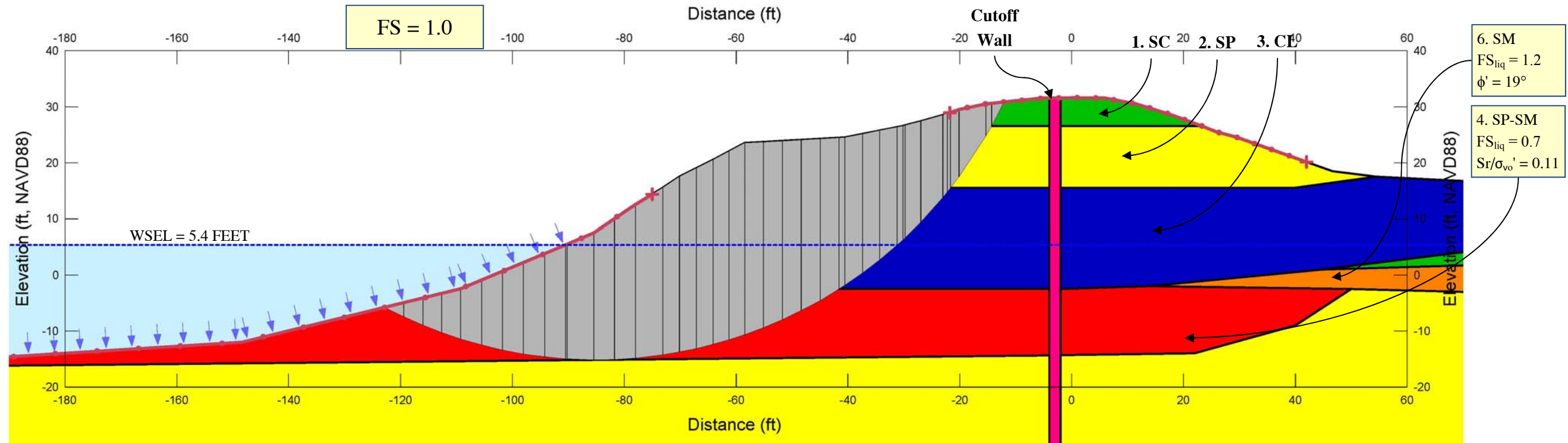
LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



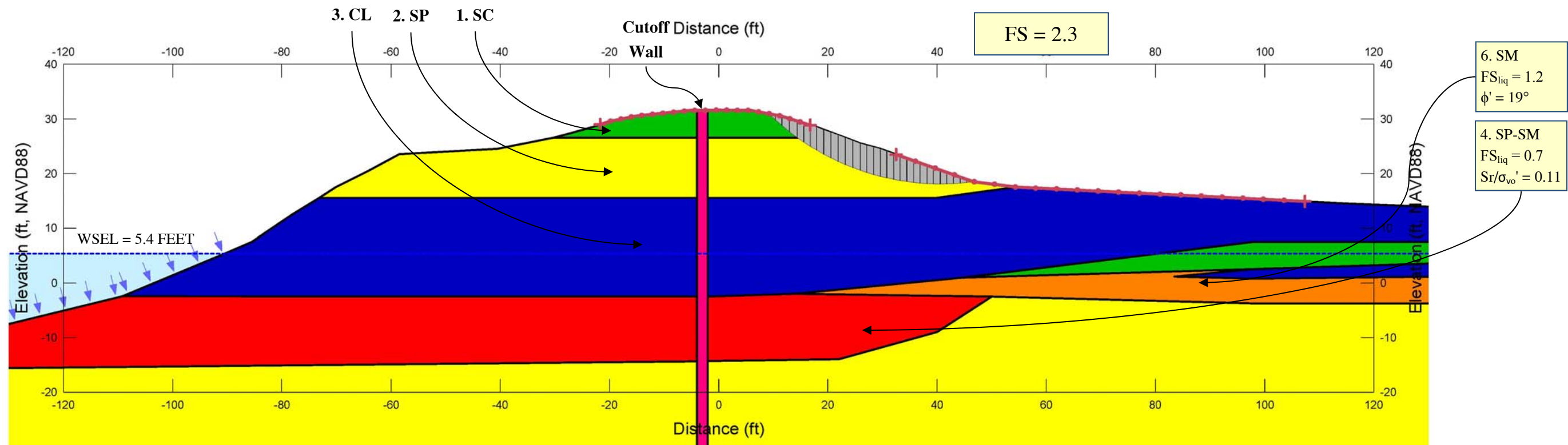
	SEISMIC SLOPE STABILITY ANALYSIS REACH L2 - STA 700+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-51-H
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



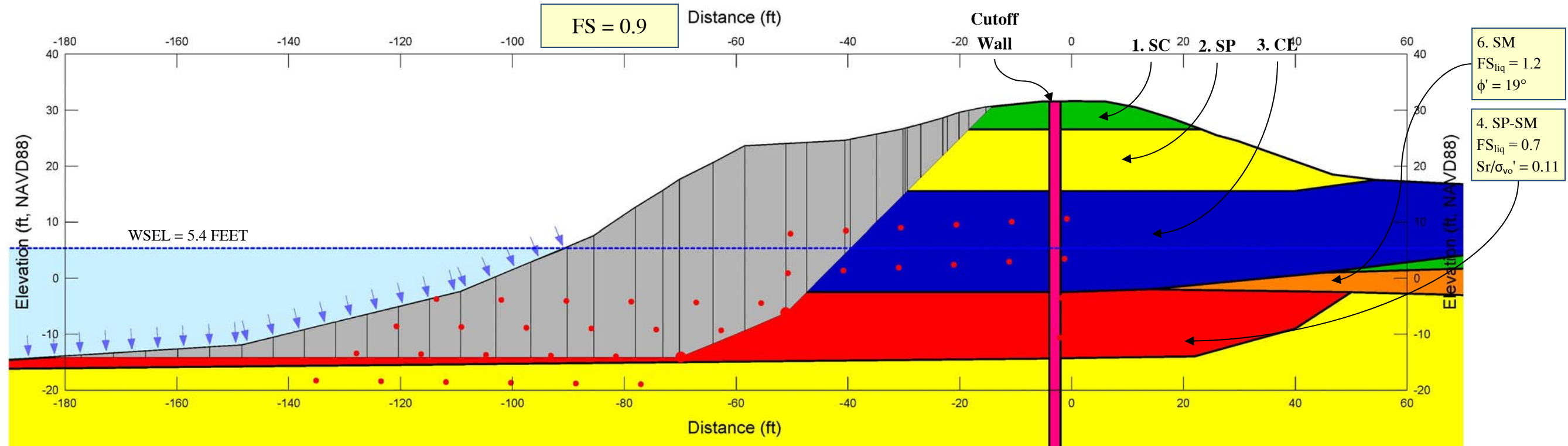
LANDSIDE POST EARTHQUAKE



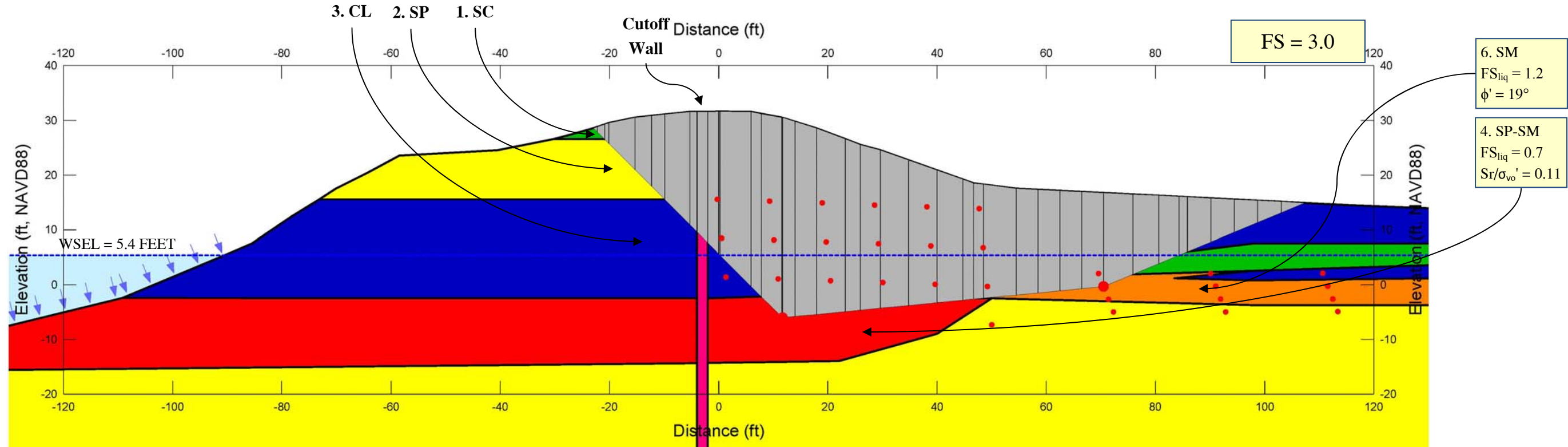
<p style="font-size: small;">Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS		PROJECT NO.: 5747.005.000	FIGURE NO. <h2 style="margin: 0;">E-51-I</h2>
	REACH L2 - STA 700+00		SCALE: NO SCALE	
	RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		DRAWN BY: BA CHECKED BY: NS	


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



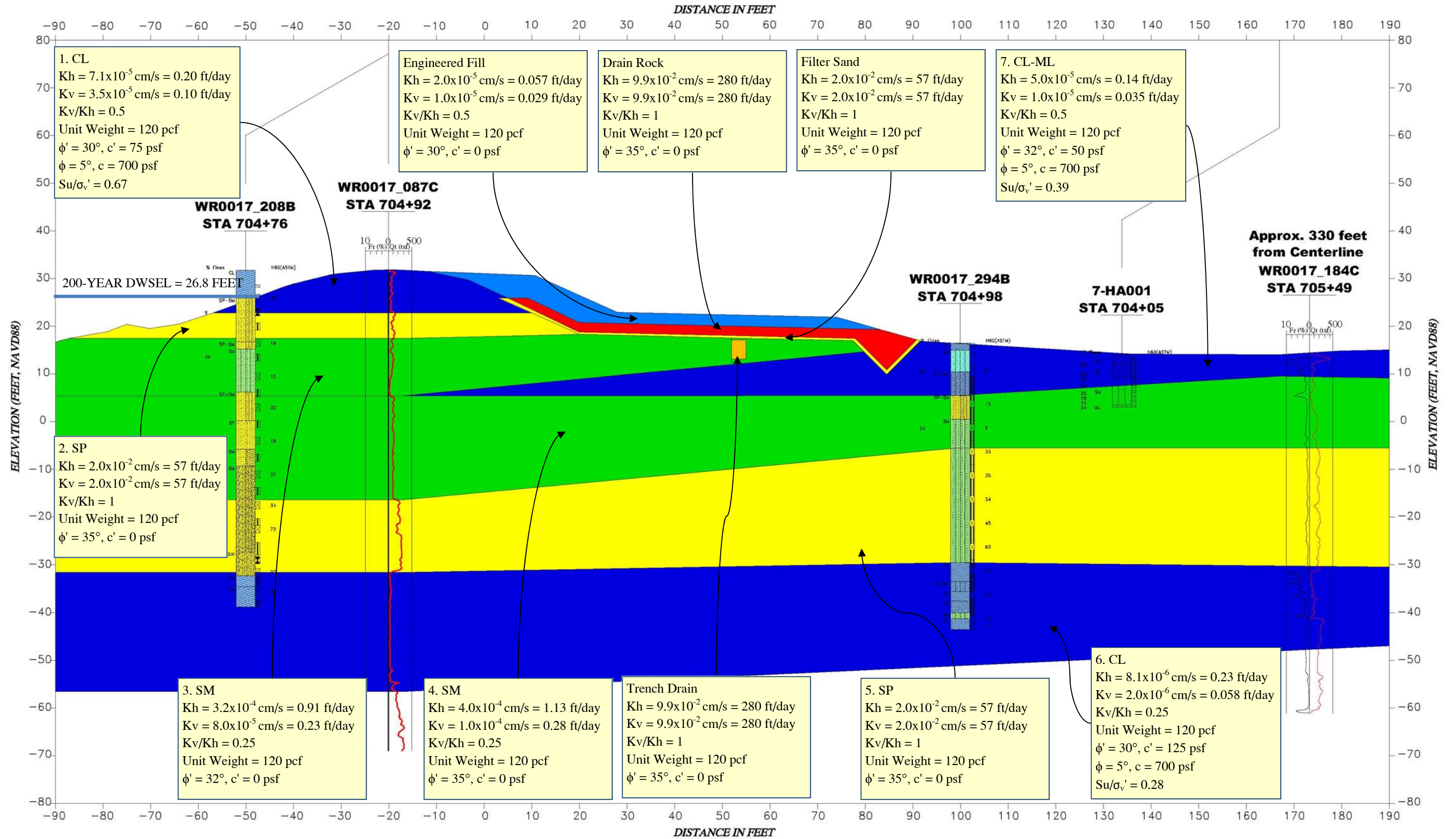
LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



 <p>Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS REACH L2 - STA 700+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-51-J
	SCALE: NO SCALE		DRAWN BY: BA	CHECKED BY: NS

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



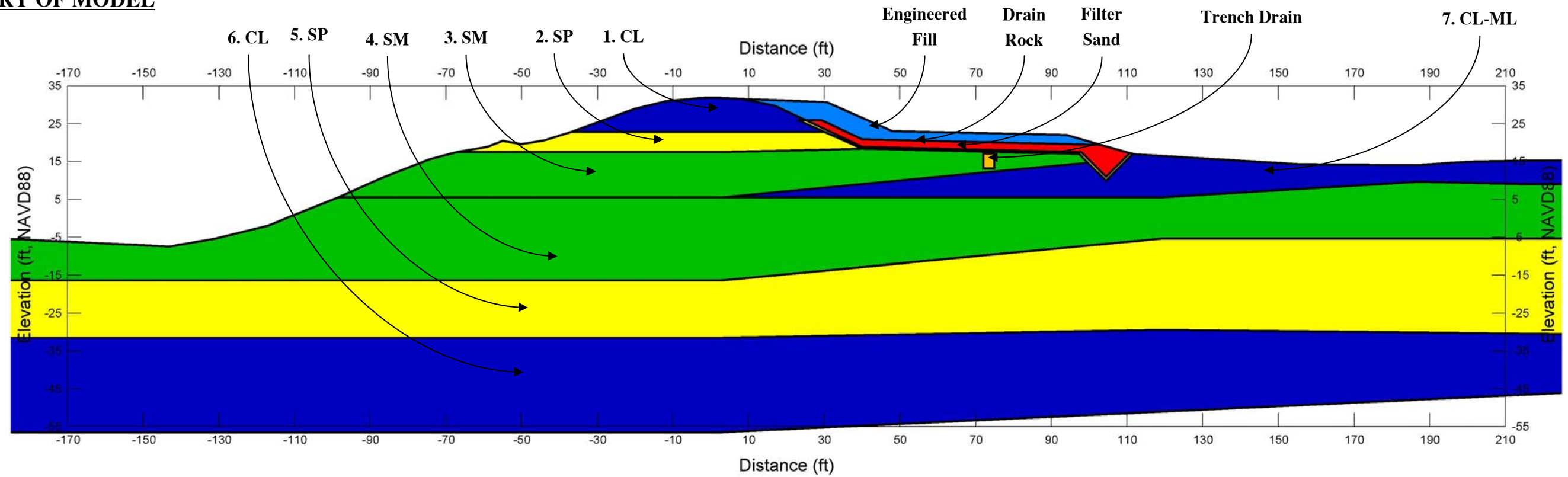
CROSS SECTION & MATERIAL PARAMETERS
 REACH M1 - STA 704+92
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

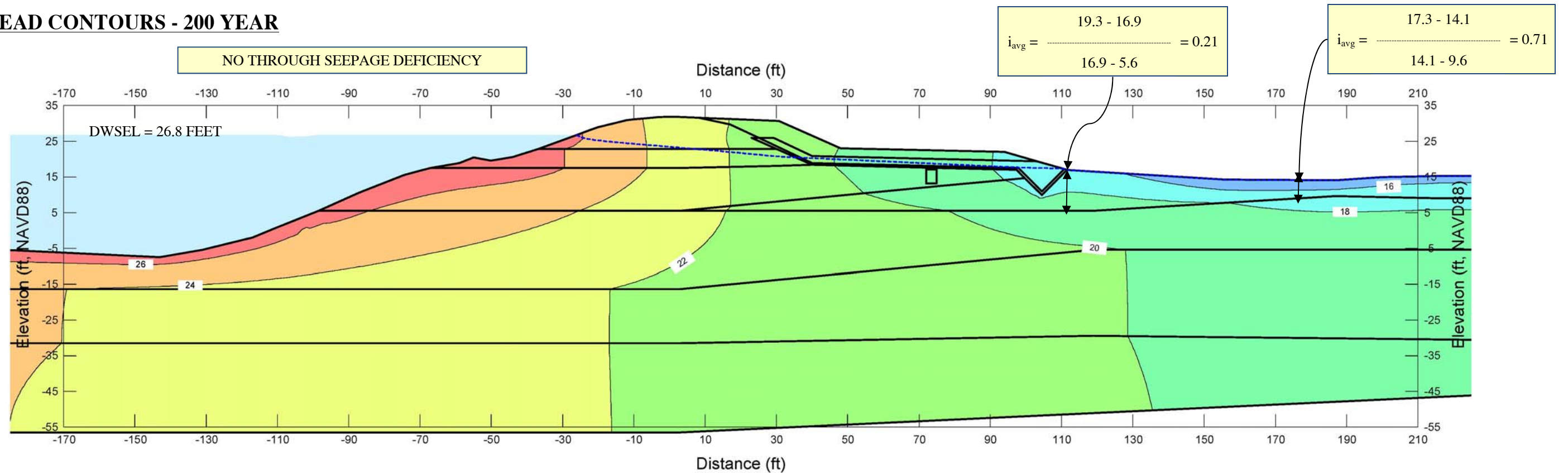
FIGURE NO.
E-52-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



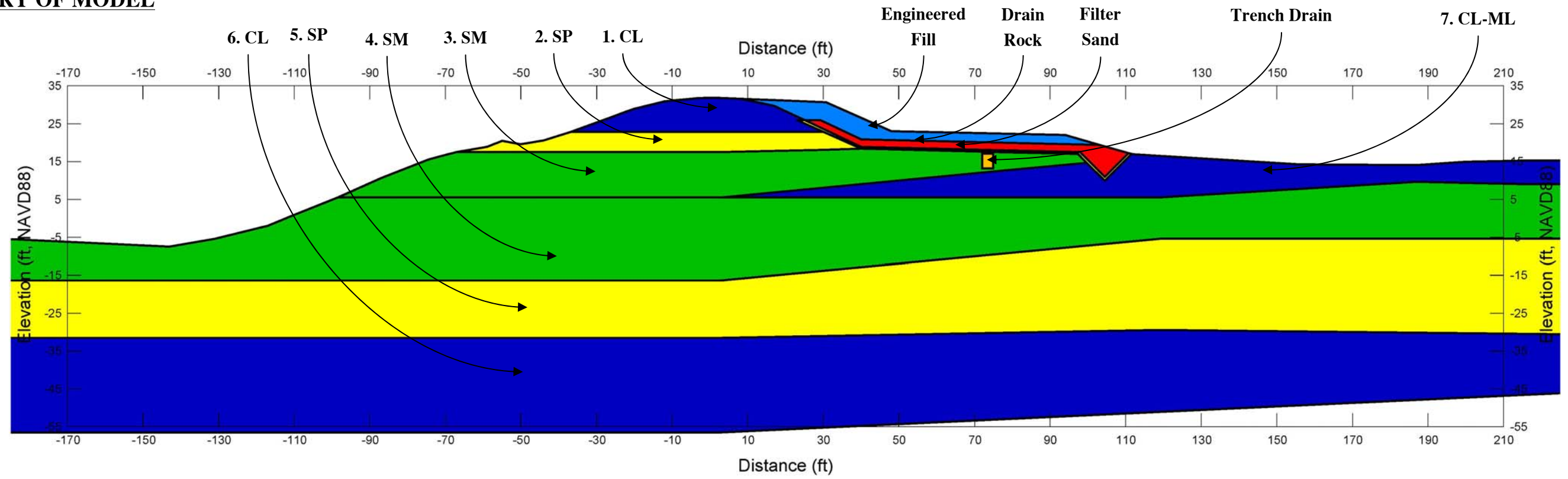
SEEPAGE ANALYSIS
REACH M1 - STA 704+92
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

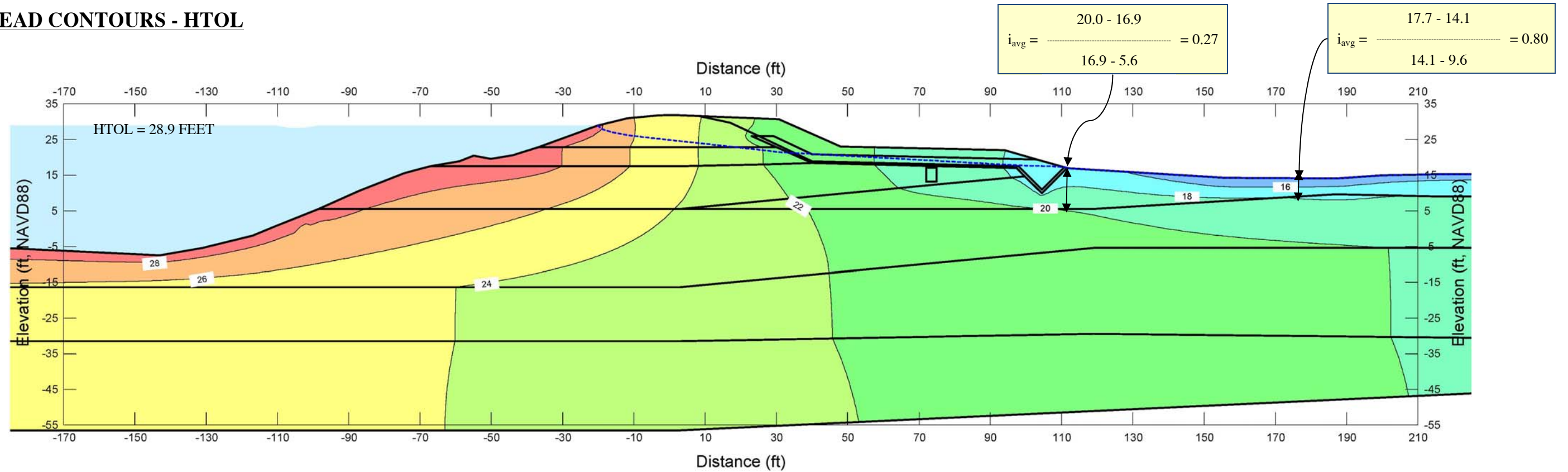
FIGURE NO.
E-52-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



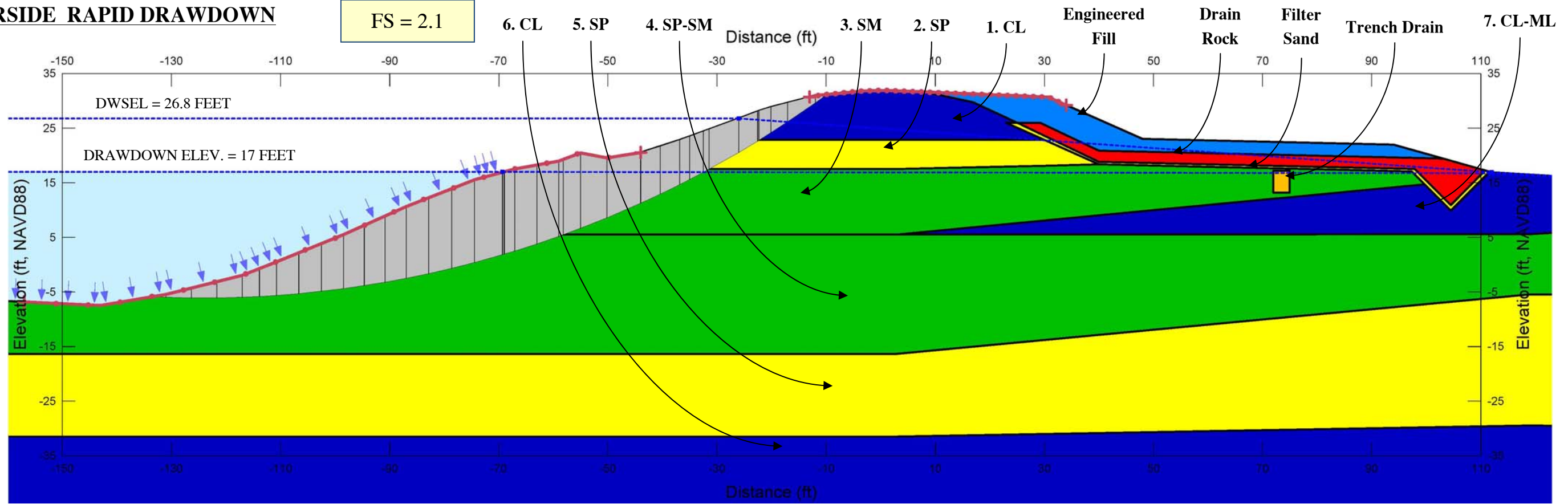
SEEPAGE ANALYSIS
REACH M1 - STA 704+92
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

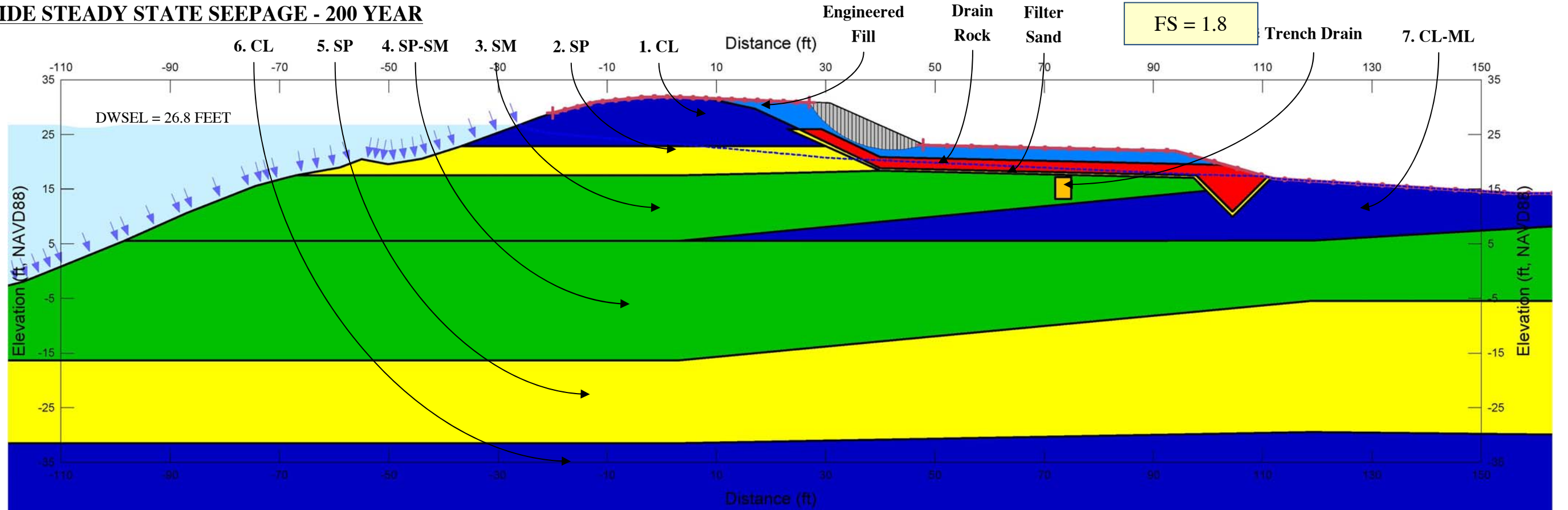
FIGURE NO.
E-52-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



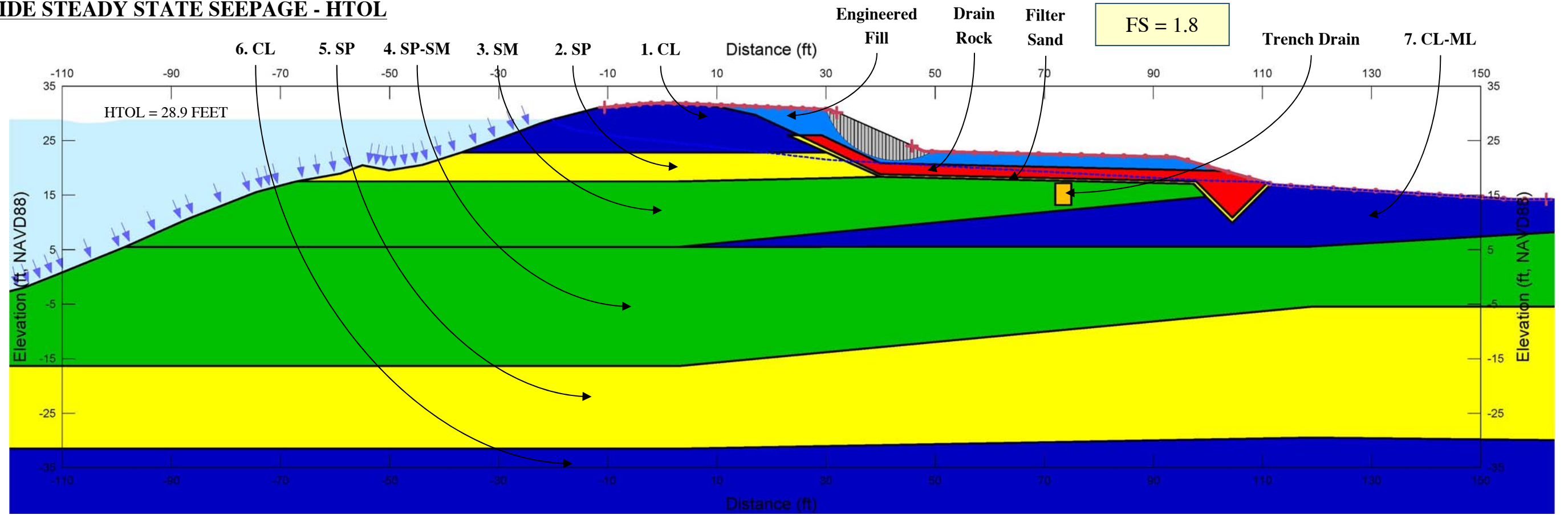
STATIC SLOPE STABILITY ANALYSIS
REACH M1 - STA 704+92
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

FIGURE NO.
E-52-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



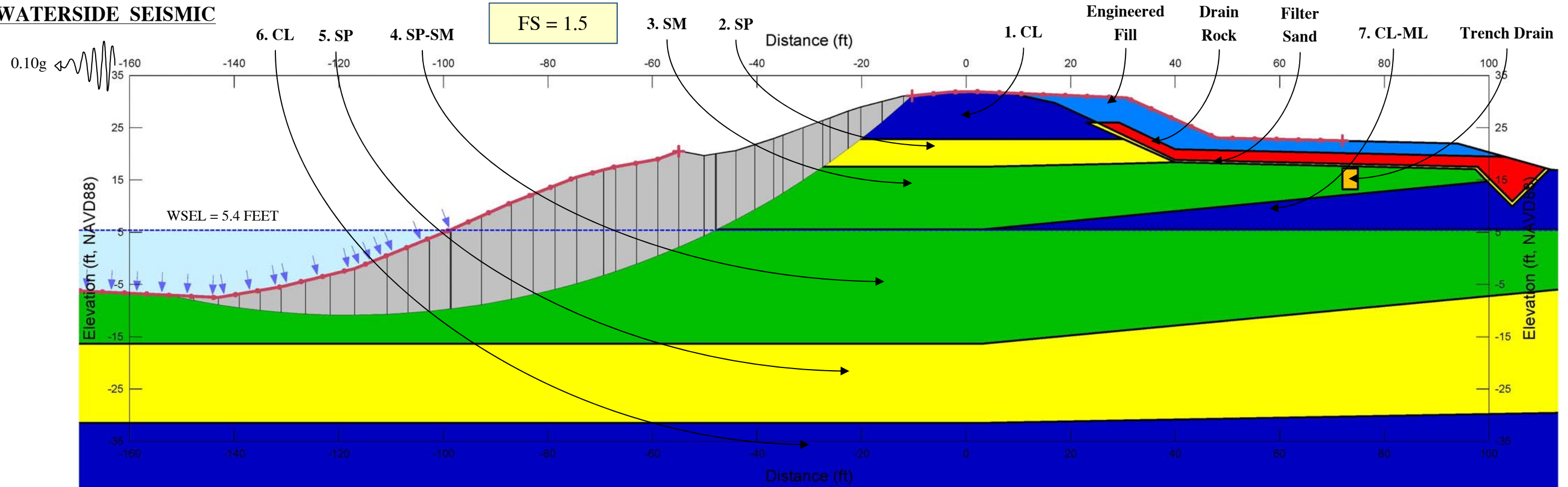
STATIC SLOPE STABILITY ANALYSIS
 REACH M1 - STA 704+92
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: AL	CHECKED BY: NS

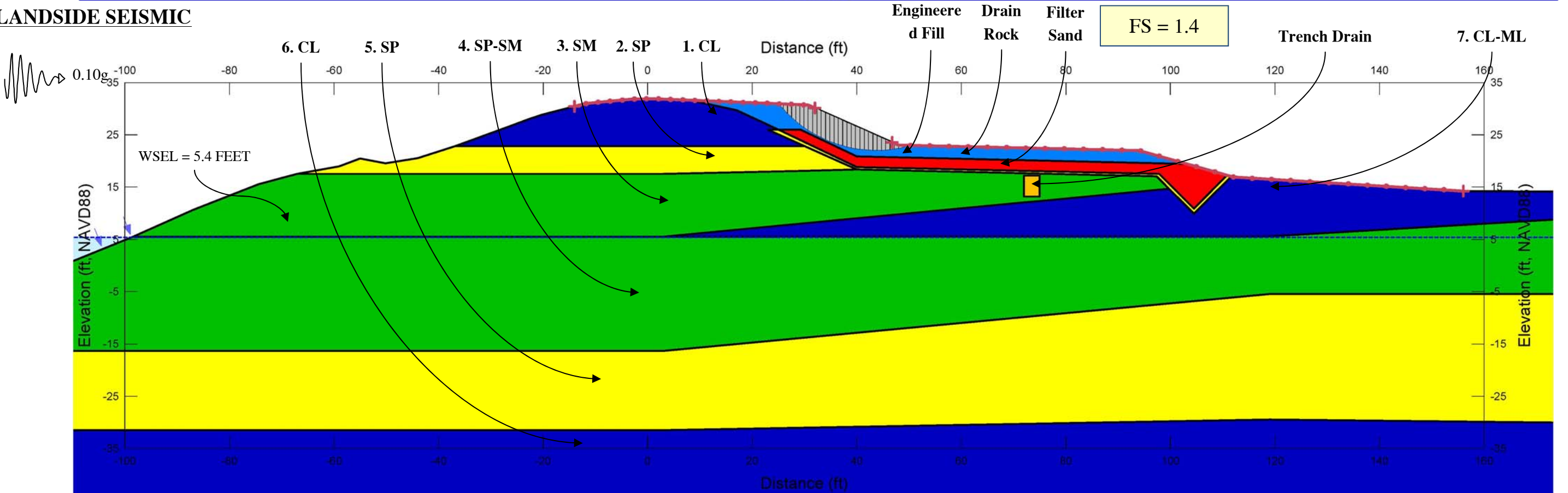
FIGURE NO.
E-52-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



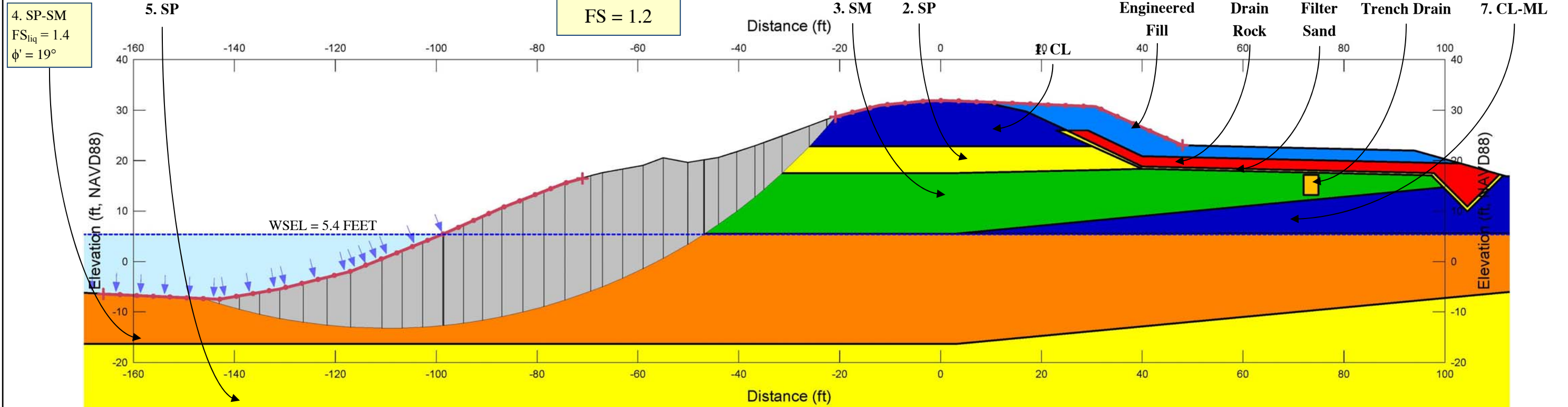
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M1 - STA 704+92
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

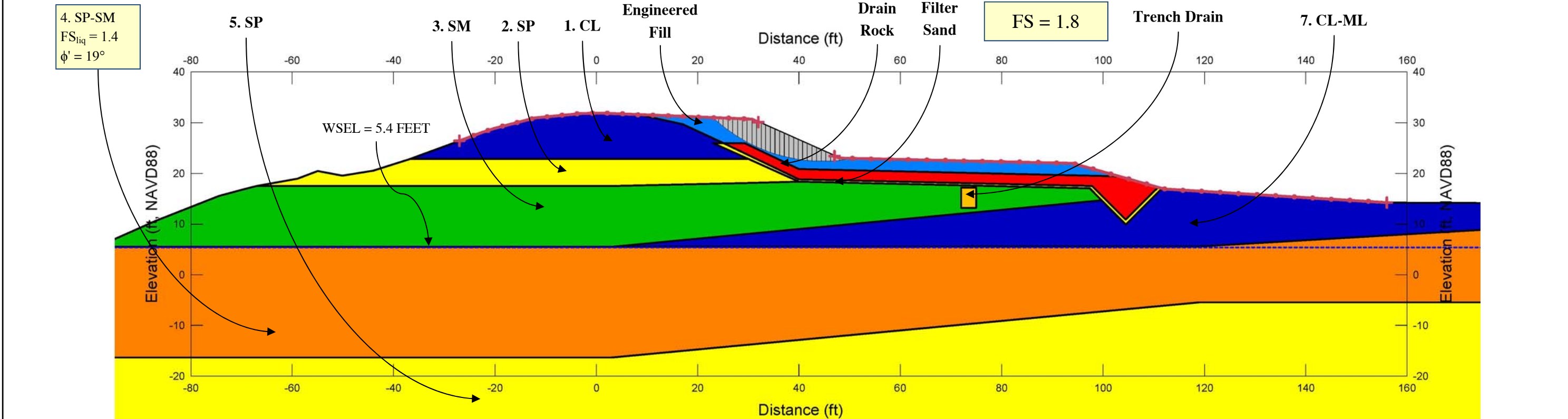
FIGURE NO.
E-52-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



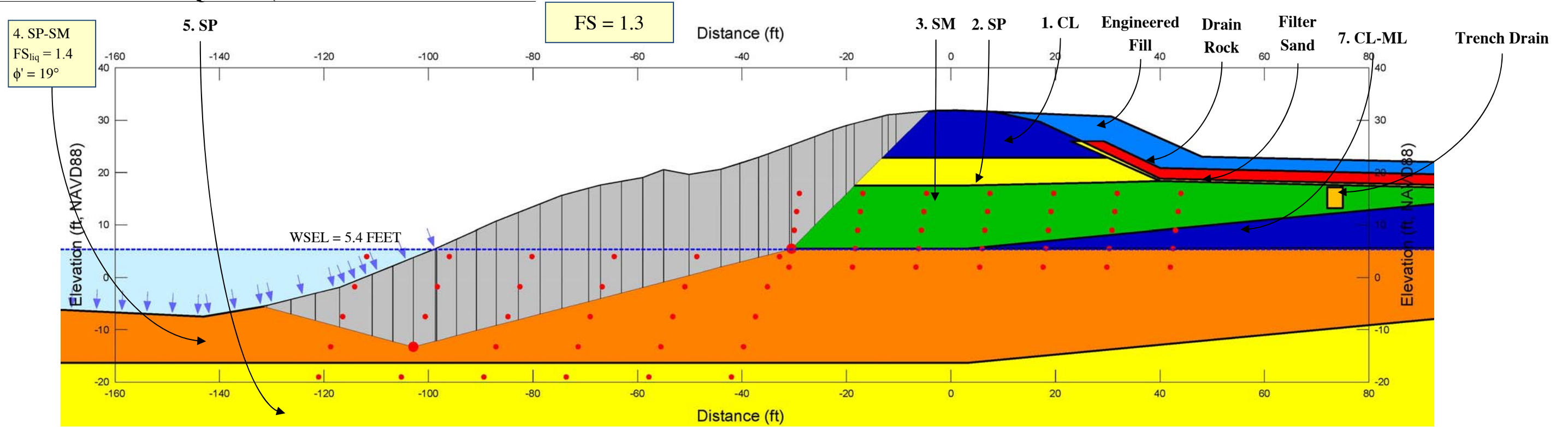
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M1 - STA 704+92
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: CC

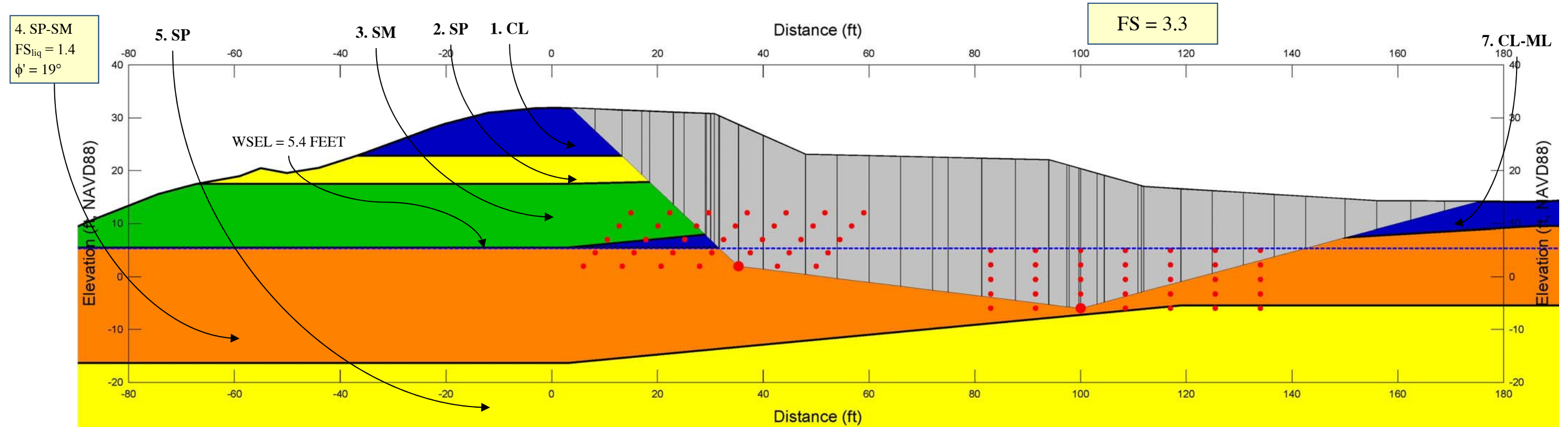
FIGURE NO.
E-52-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



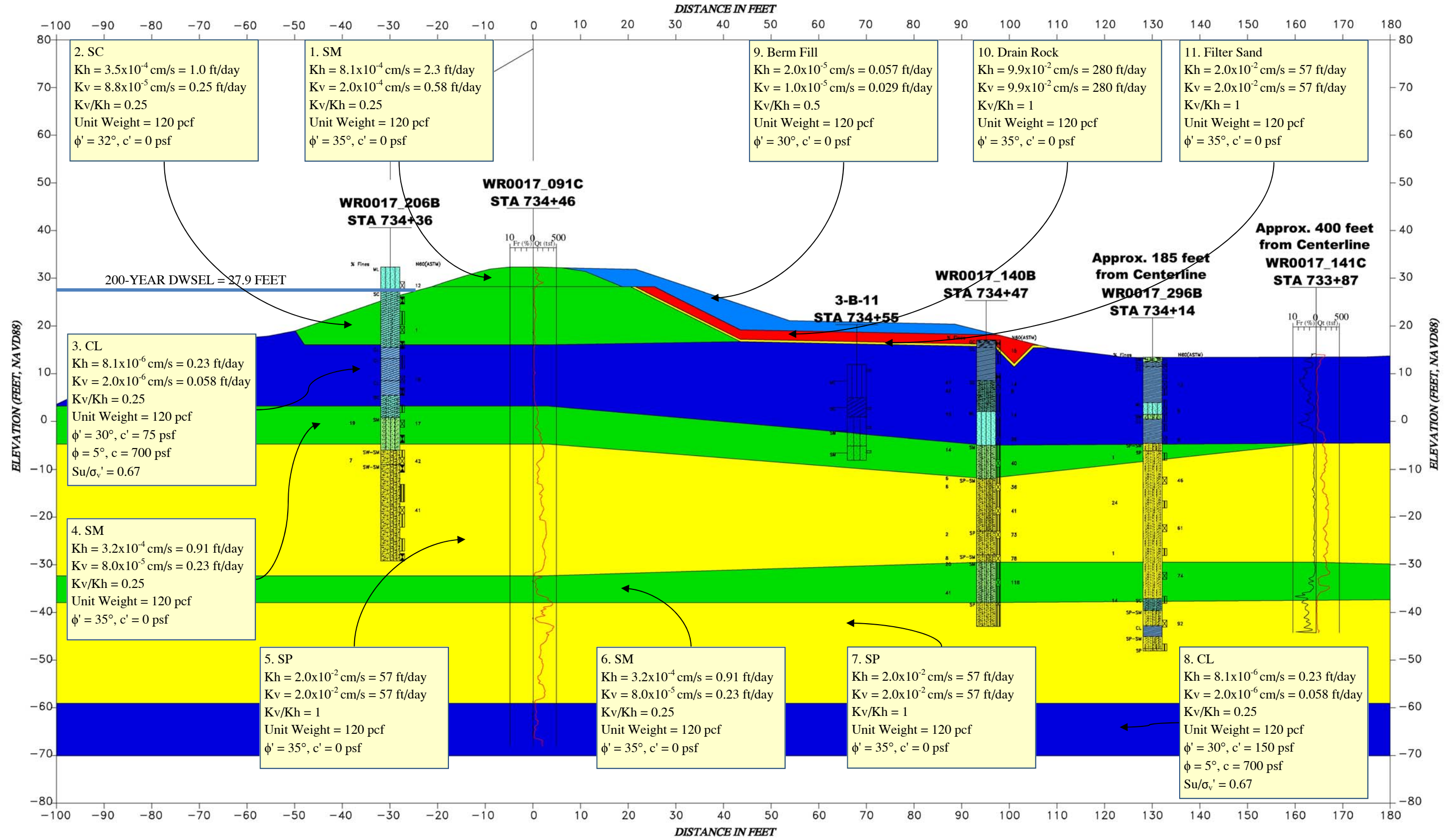
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M1 - STA 704+92
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-52-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



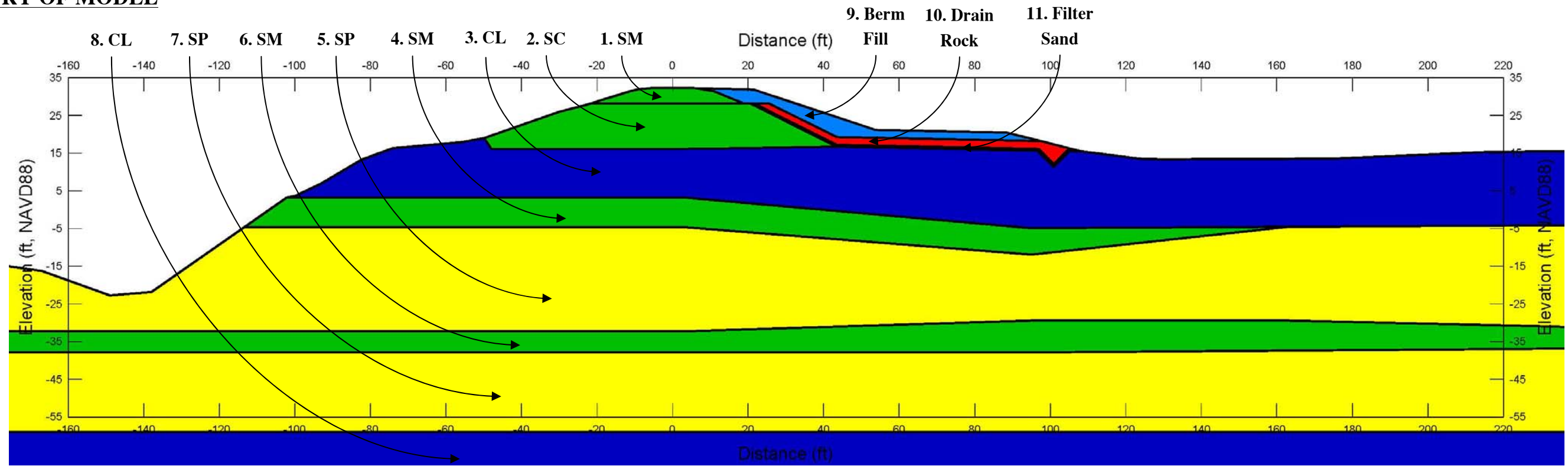
CROSS SECTION & MATERIAL PARAMETERS
REACH M2A - STA 734+45
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

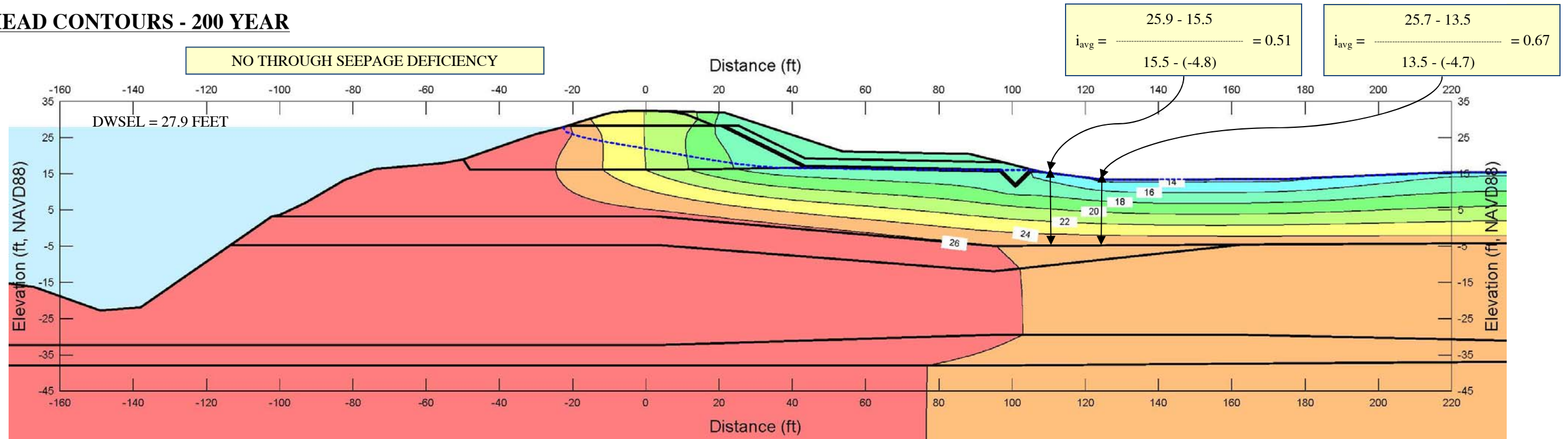
FIGURE NO.
E-53-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



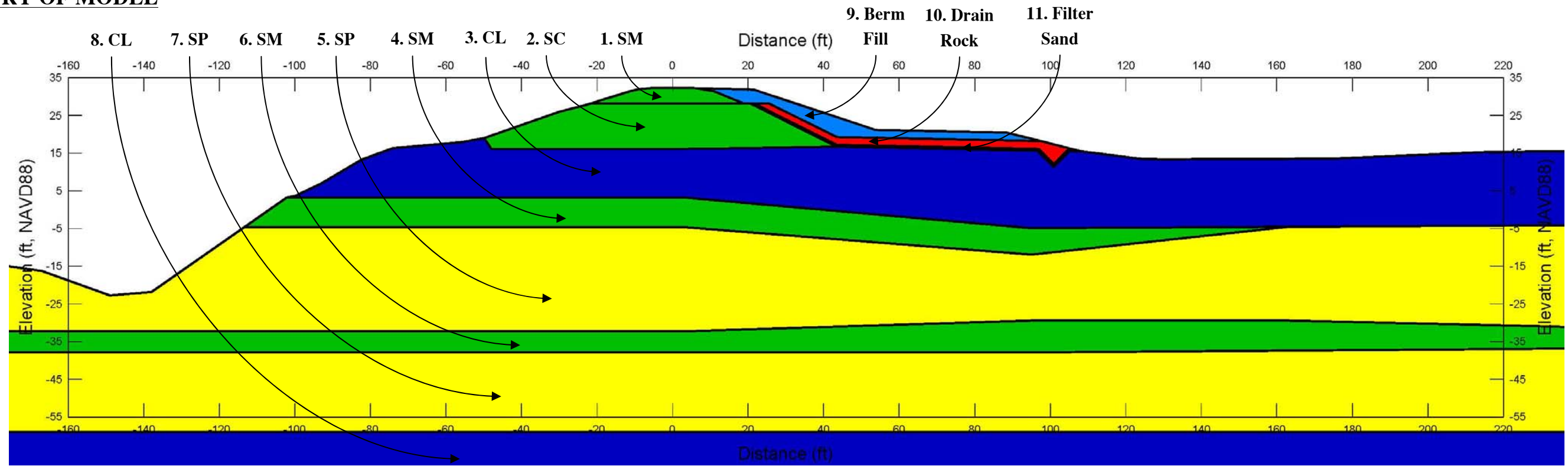
SEEPAGE ANALYSIS
 REACH M2A - STA 734+45
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

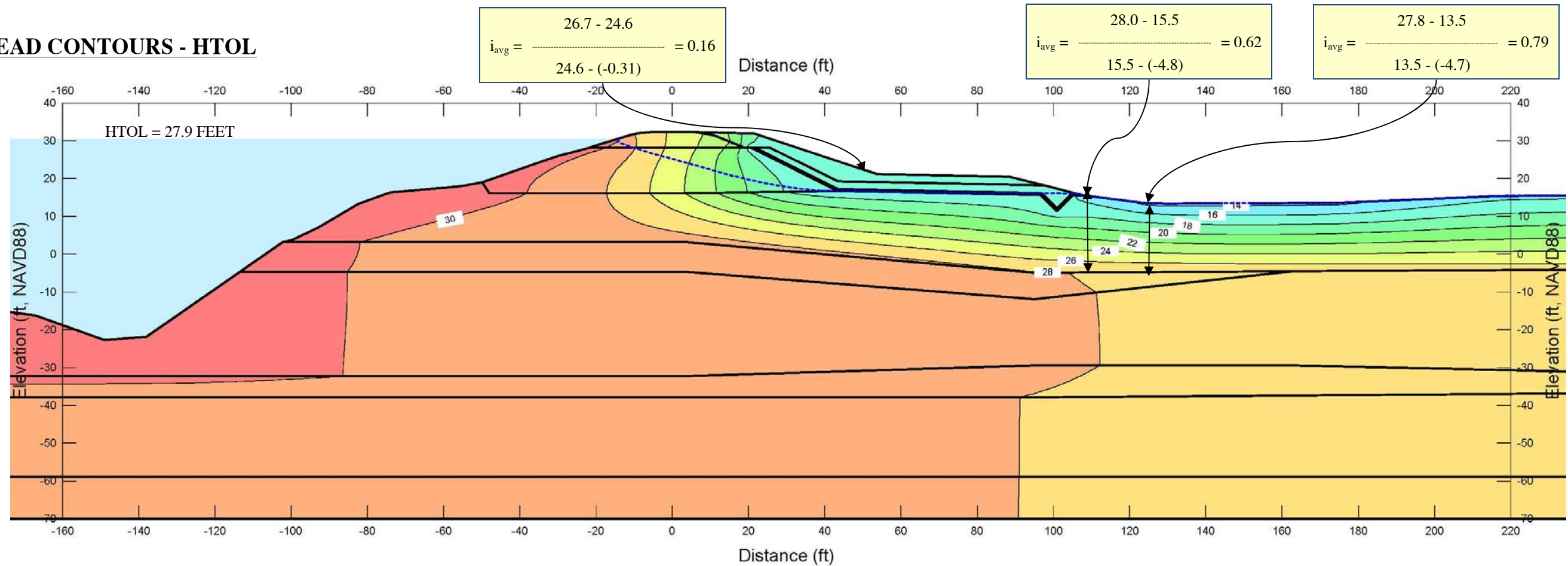
FIGURE NO.
E-53-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



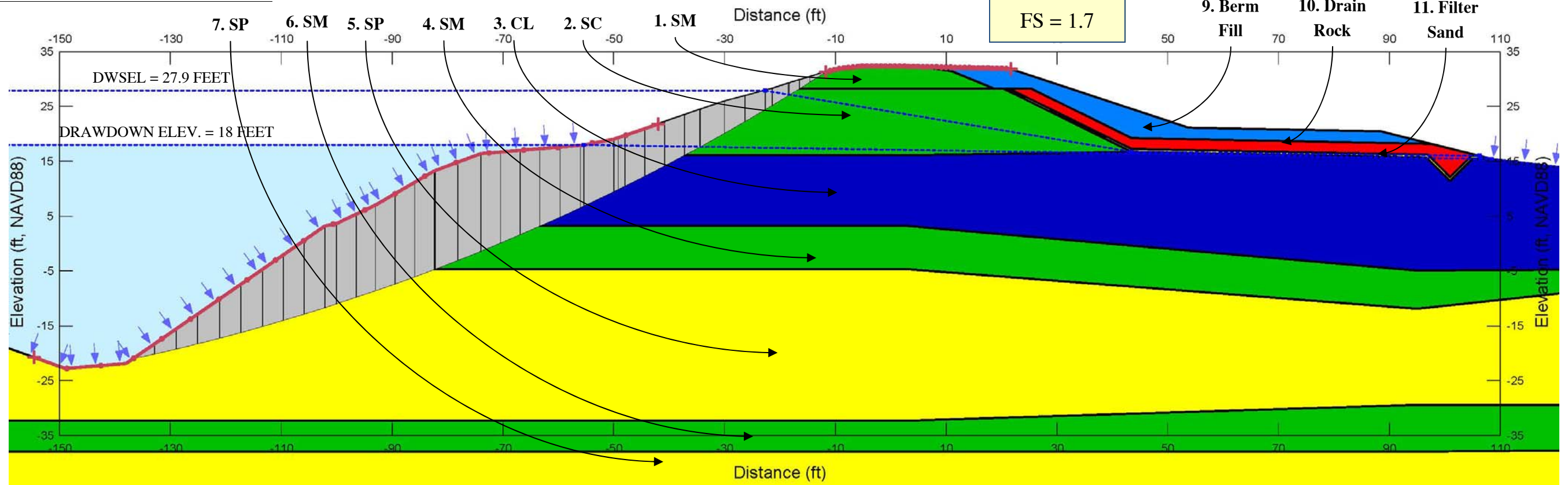
TOTAL HEAD CONTOURS - HTOL



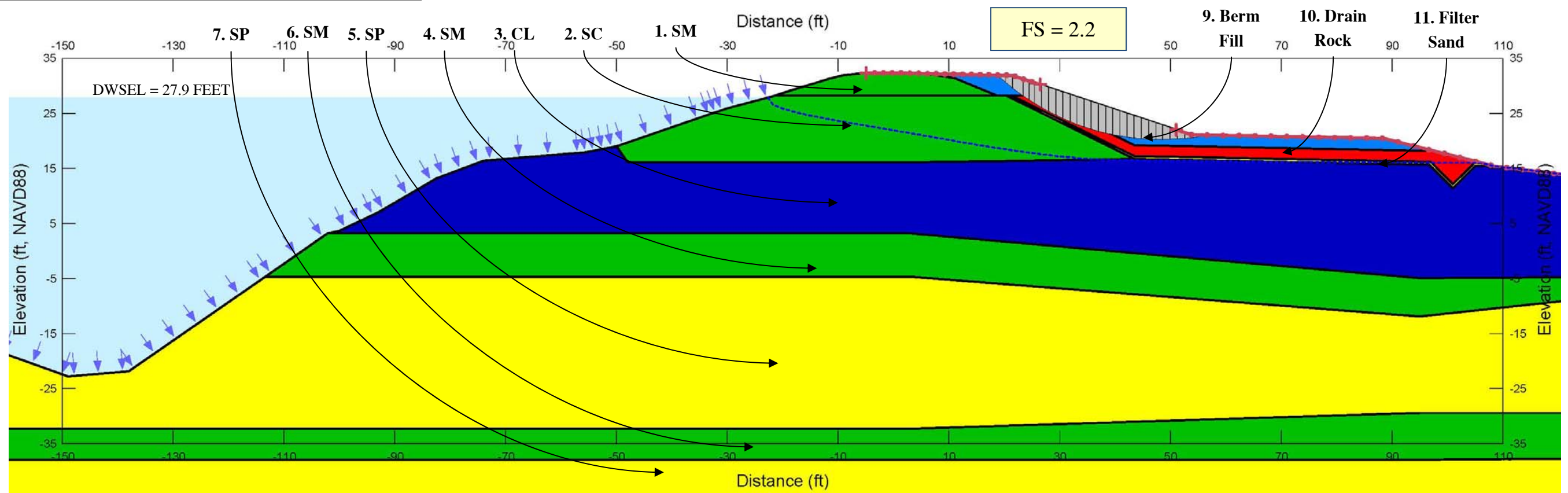
	SEEPAGE ANALYSIS REACH M2A - STA 734+45 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-53-C
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



STATIC SLOPE STABILITY ANALYSIS
 REACH M2A - STA 734+45
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

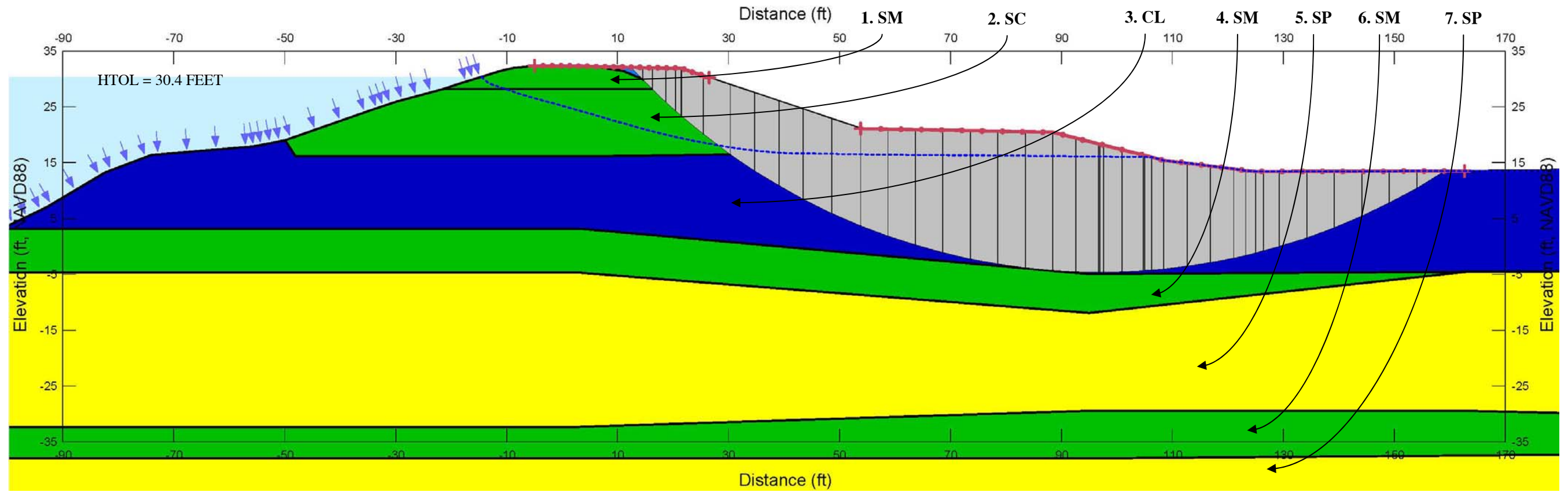
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NS

FIGURE NO.
E-53-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL

FS = 2.0



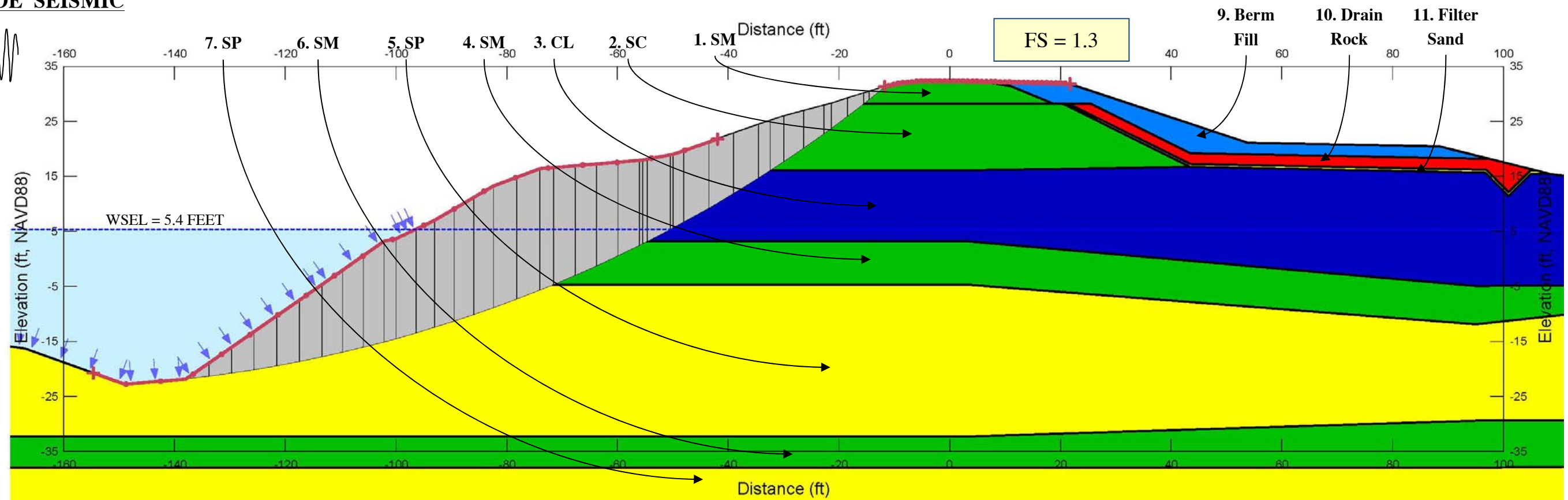
STATIC SLOPE STABILITY ANALYSIS
REACH M2A - STA 734+45
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

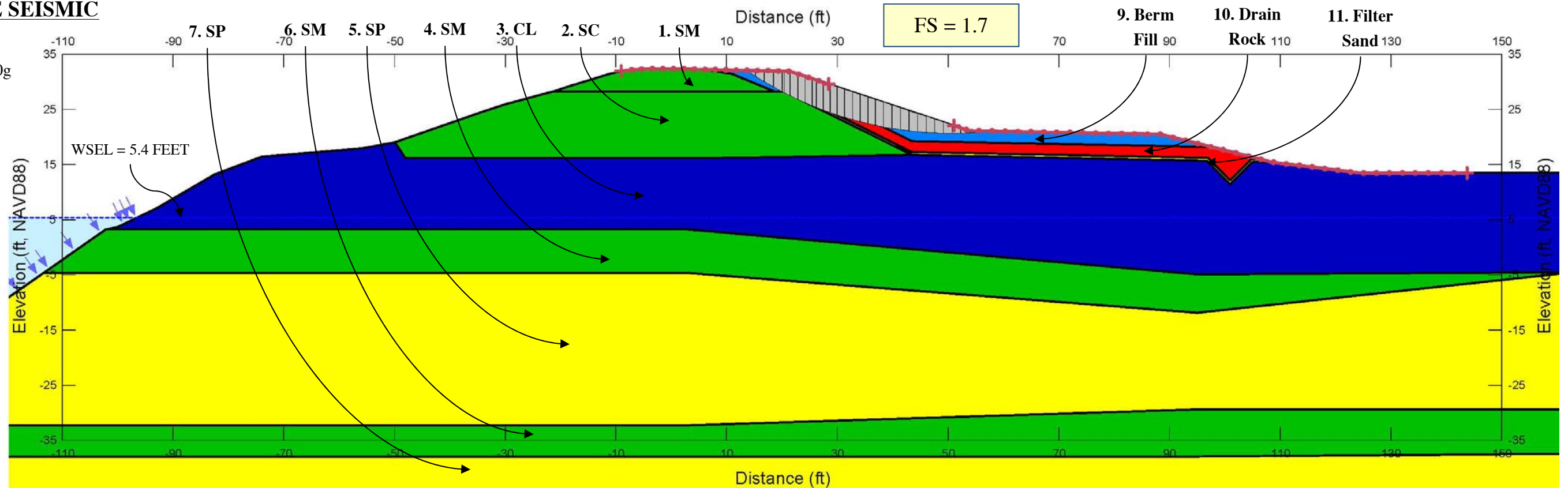
FIGURE NO.
E-53-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



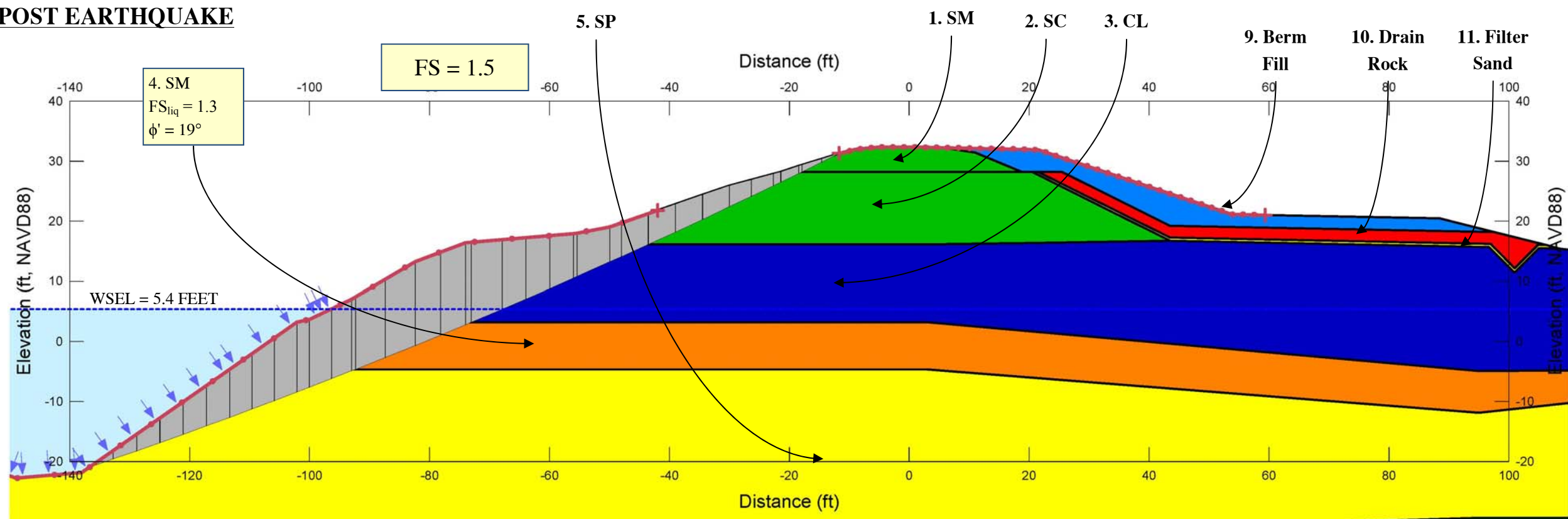
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M2A - STA 734+45
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	AL
CHECKED BY:	NB

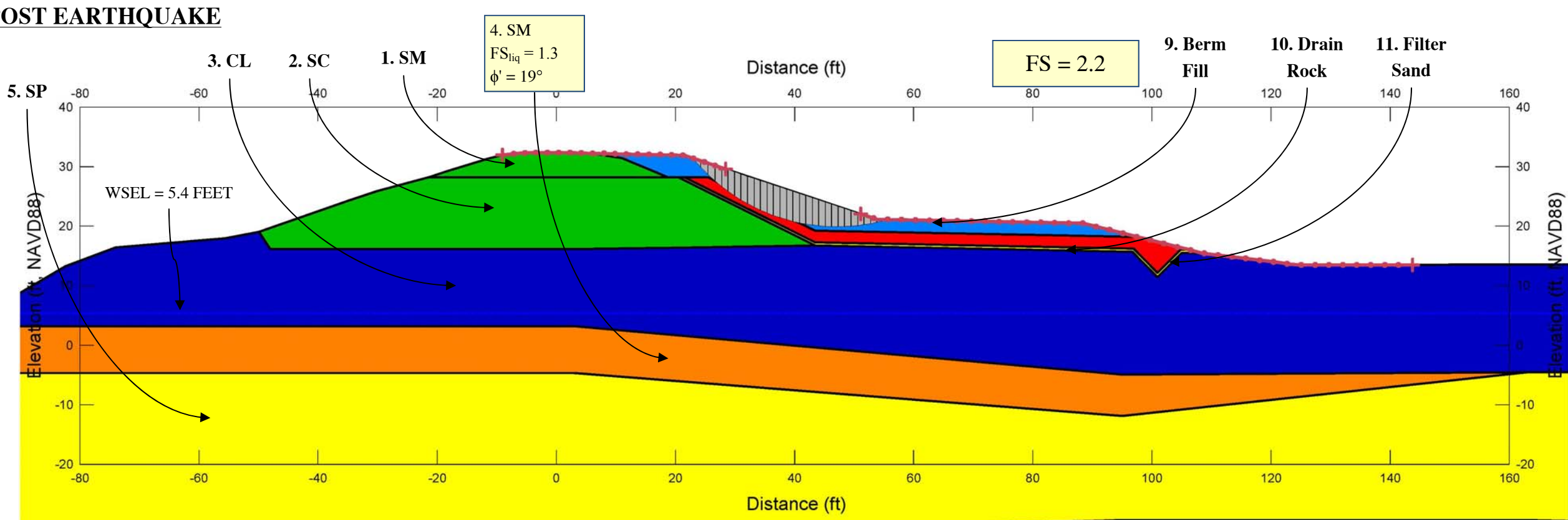
FIGURE NO.
E-53-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



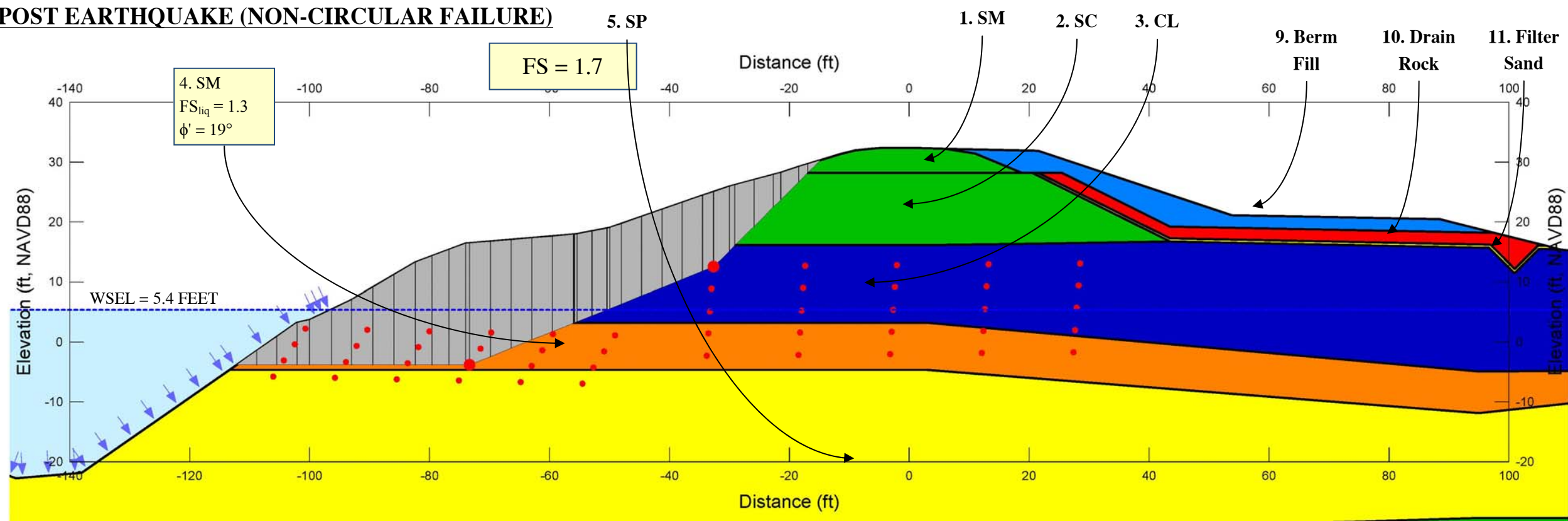
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M2A - STA 734+45
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NB

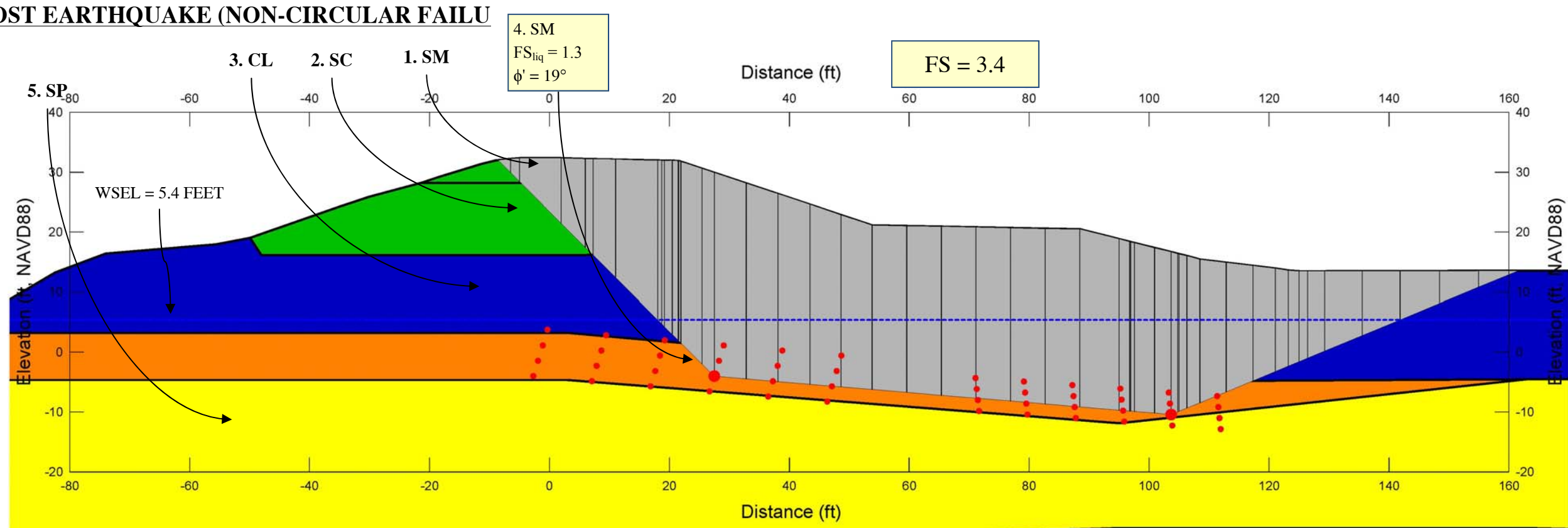
FIGURE NO.
E-53-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



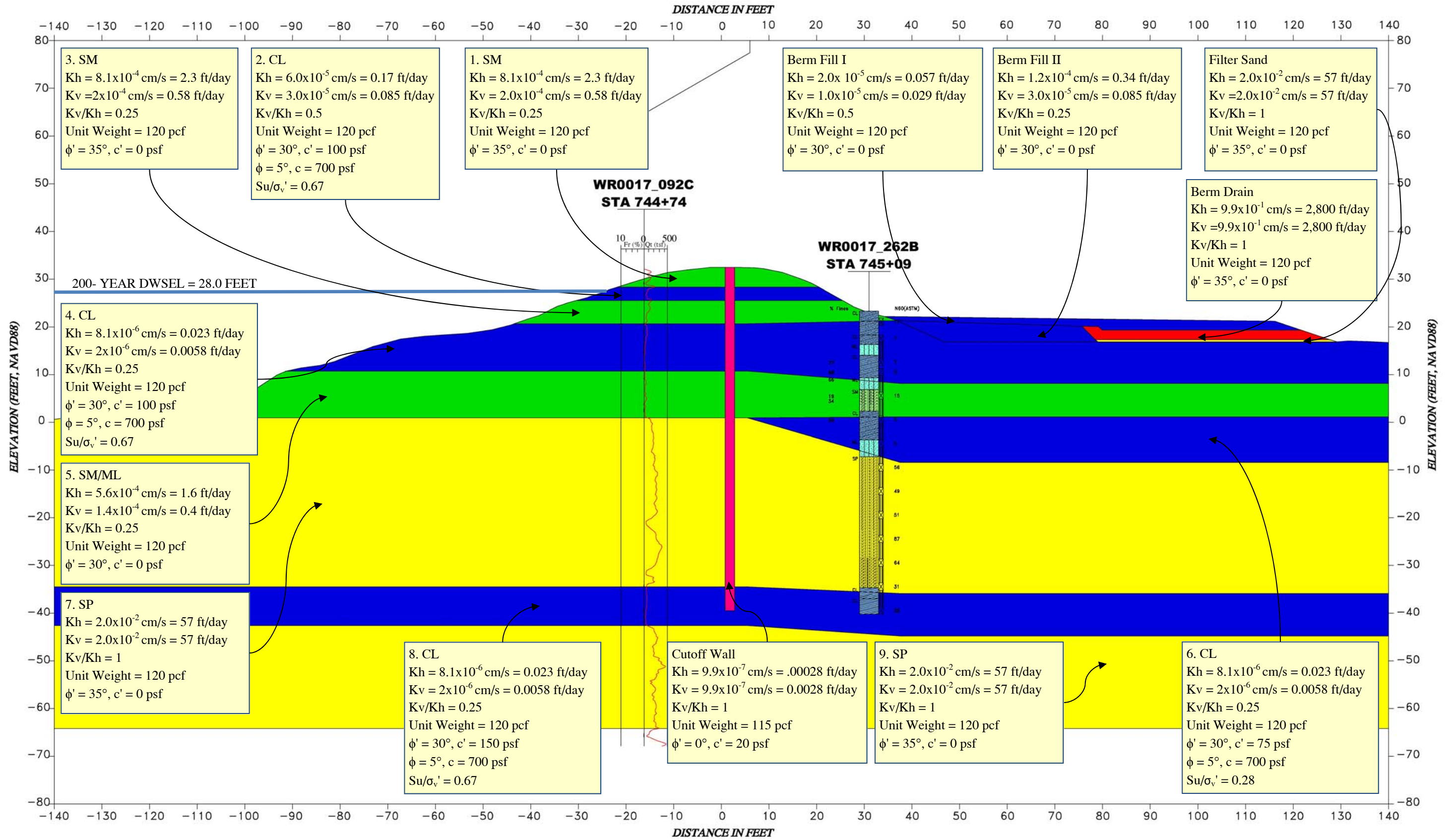
SEISMIC SLOPE STABILITY ANALYSIS
REACH M2A - STA 734+45
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NB

FIGURE NO.
E-53-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



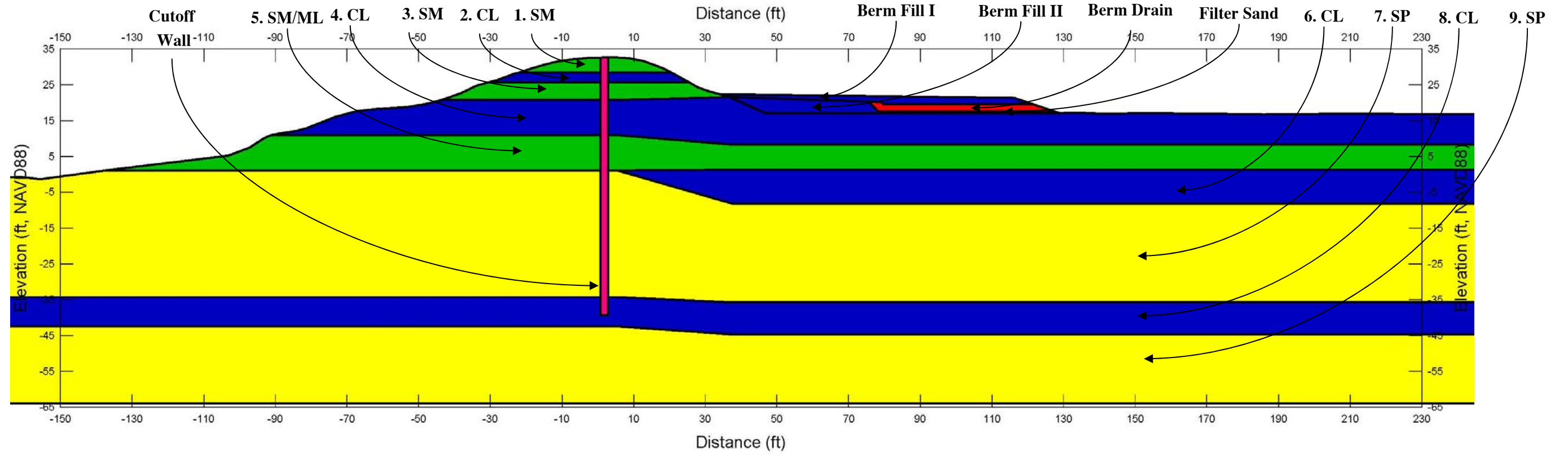
CROSS SECTION & MATERIAL PARAMETERS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000
 SCALE: NO SCALE
 DRAWN BY: BA CHECKED BY: NS

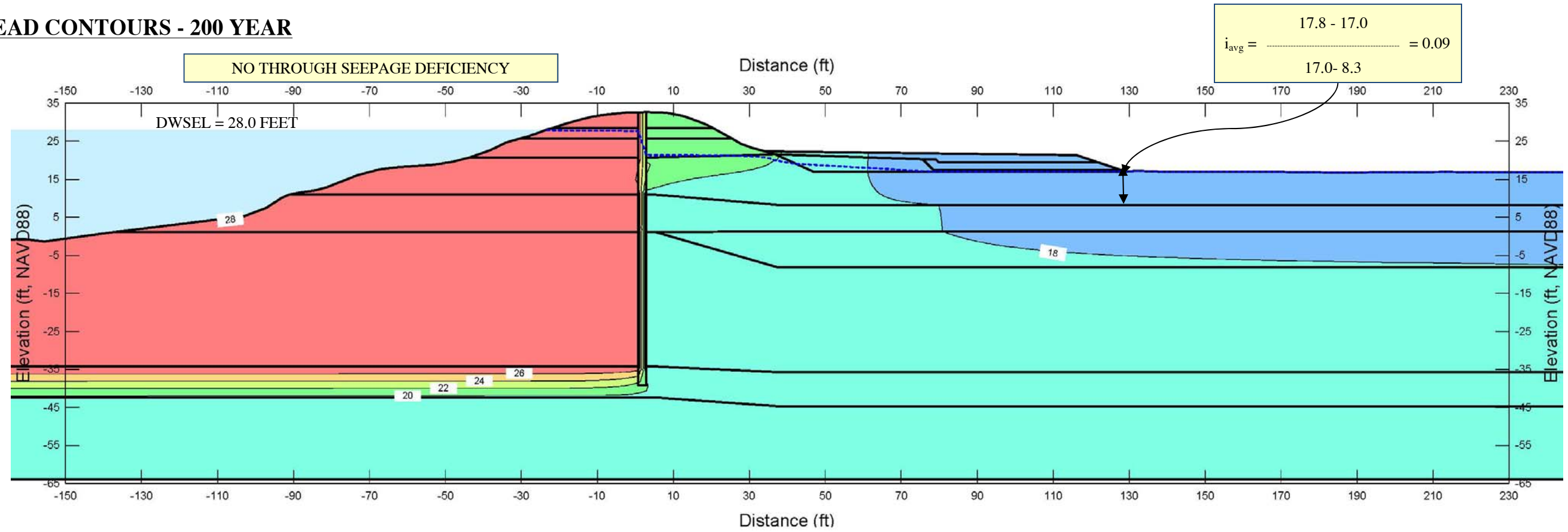
FIGURE NO.
E-54-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



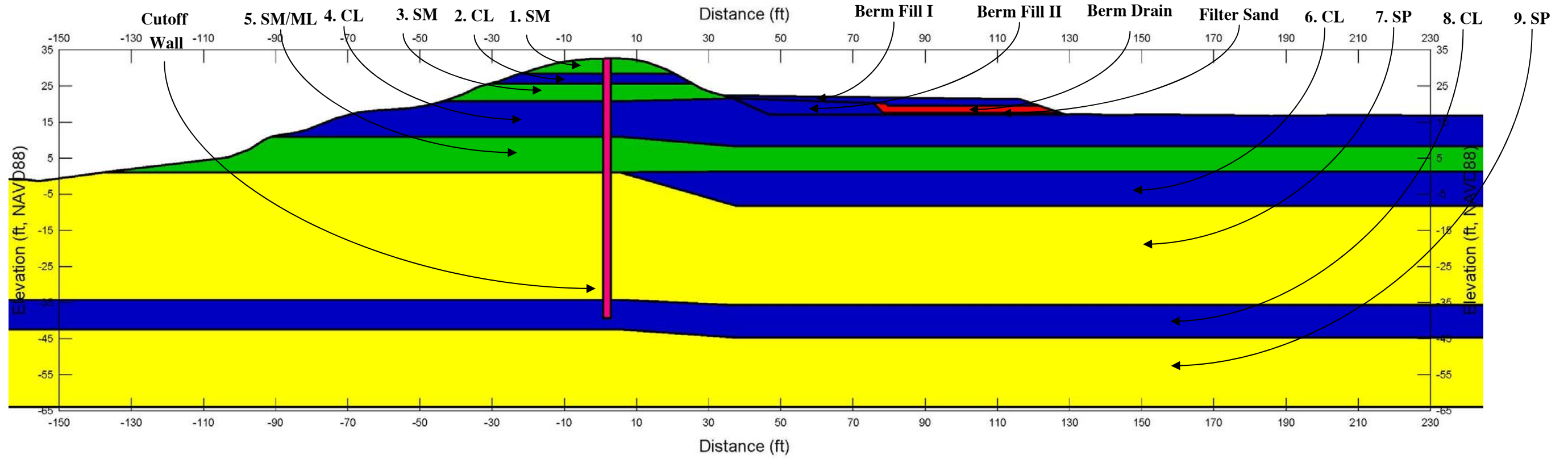
TOTAL HEAD CONTOURS - 200 YEAR



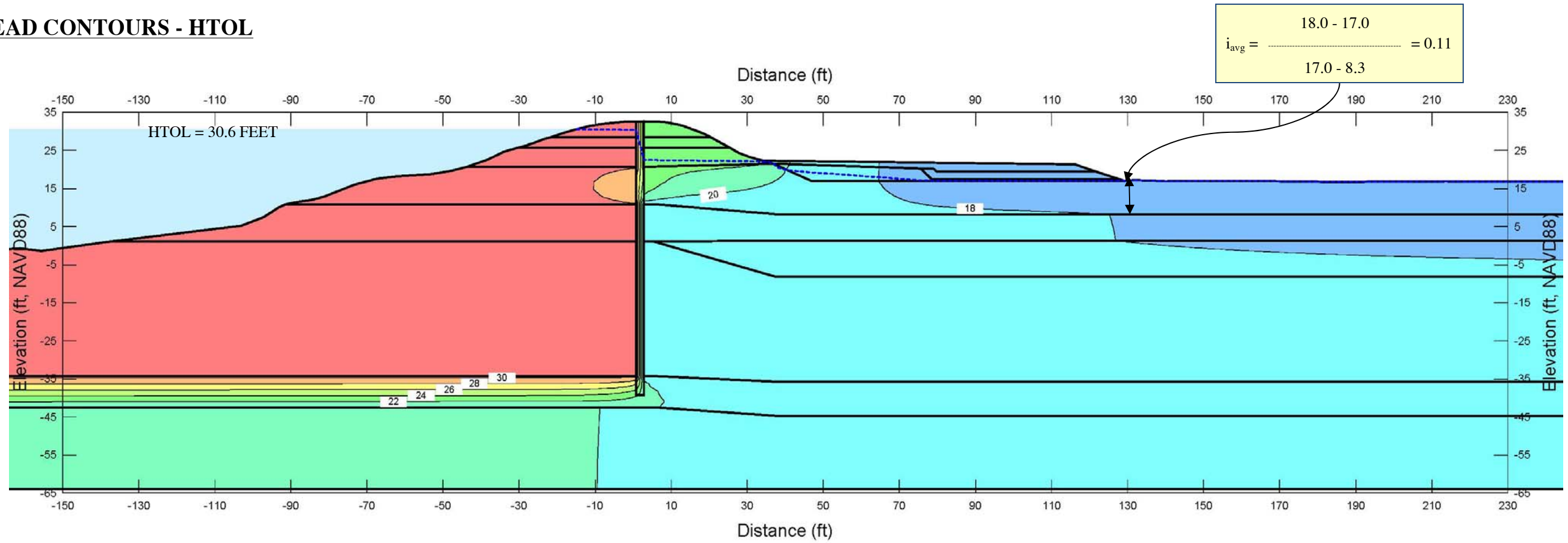
	SEEPAGE ANALYSIS REACH M2B - STA 744+73 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-54-B
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

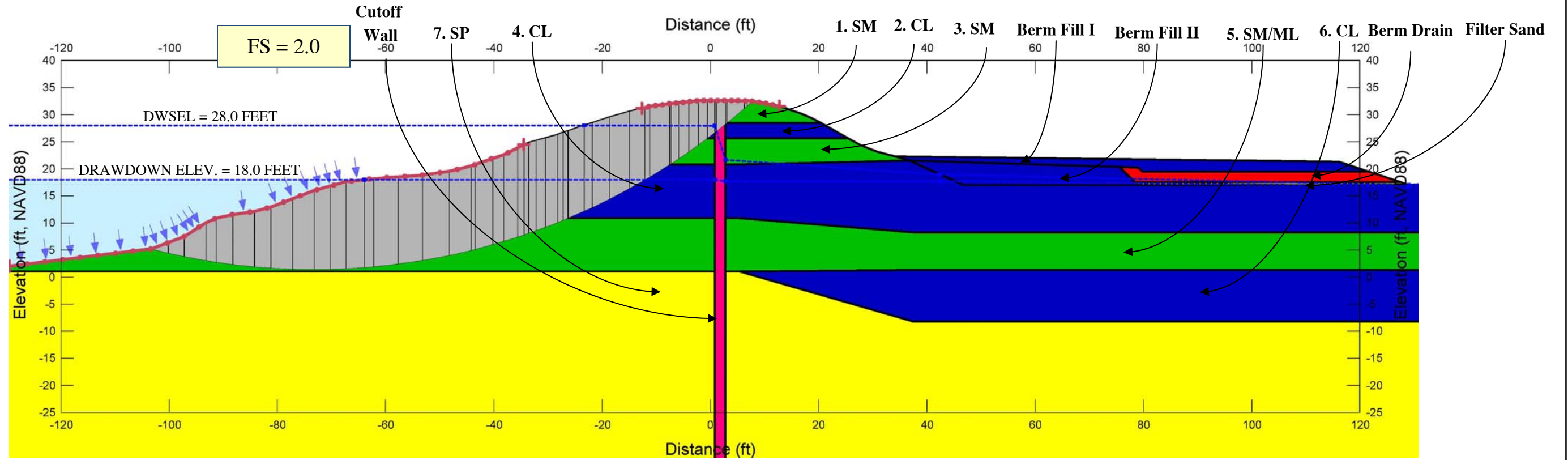


SEEPAGE ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

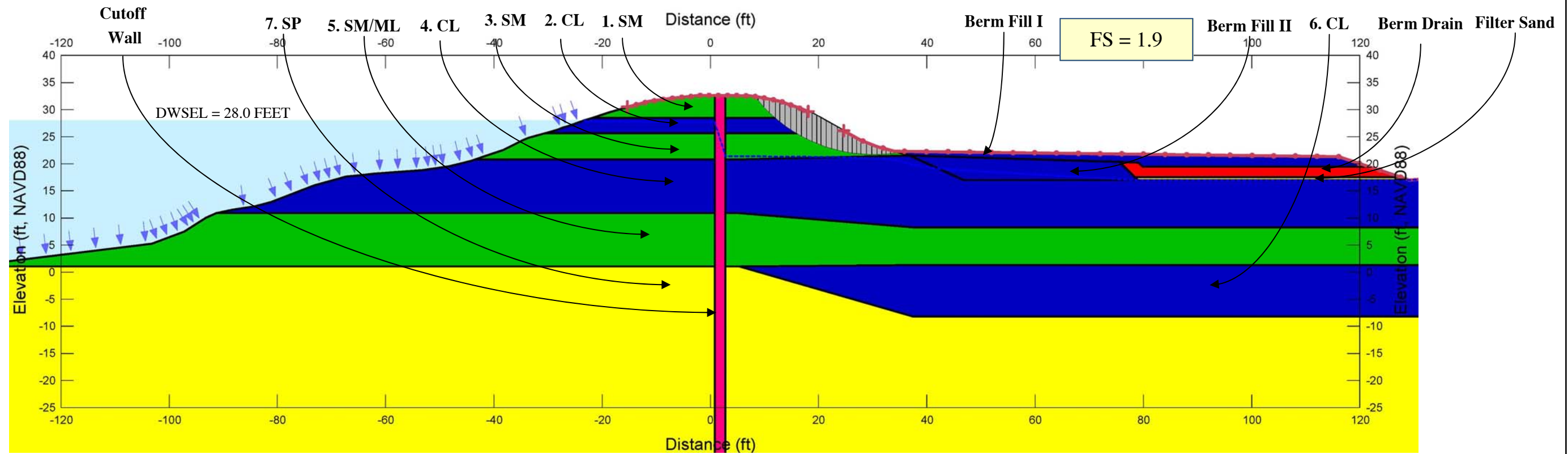
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-54-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



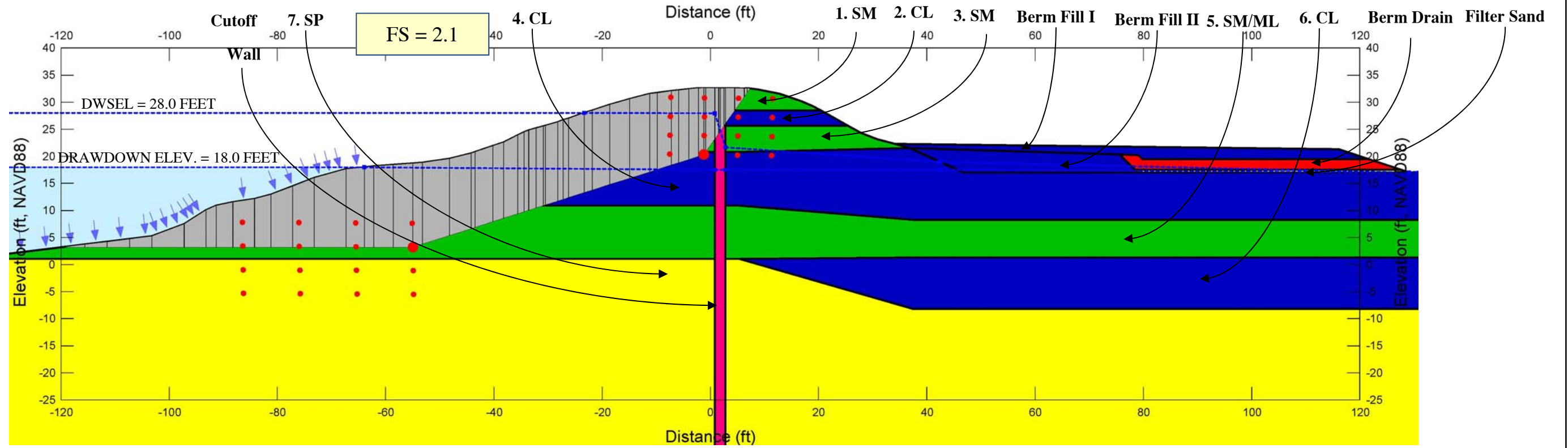
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

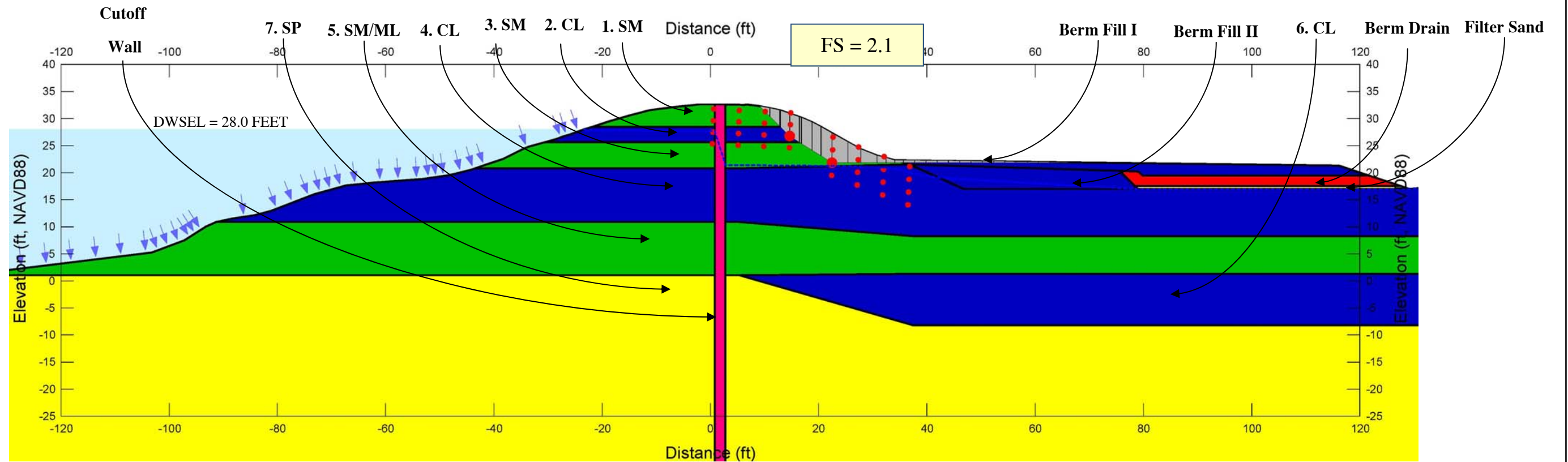
FIGURE NO.

E-54-D

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



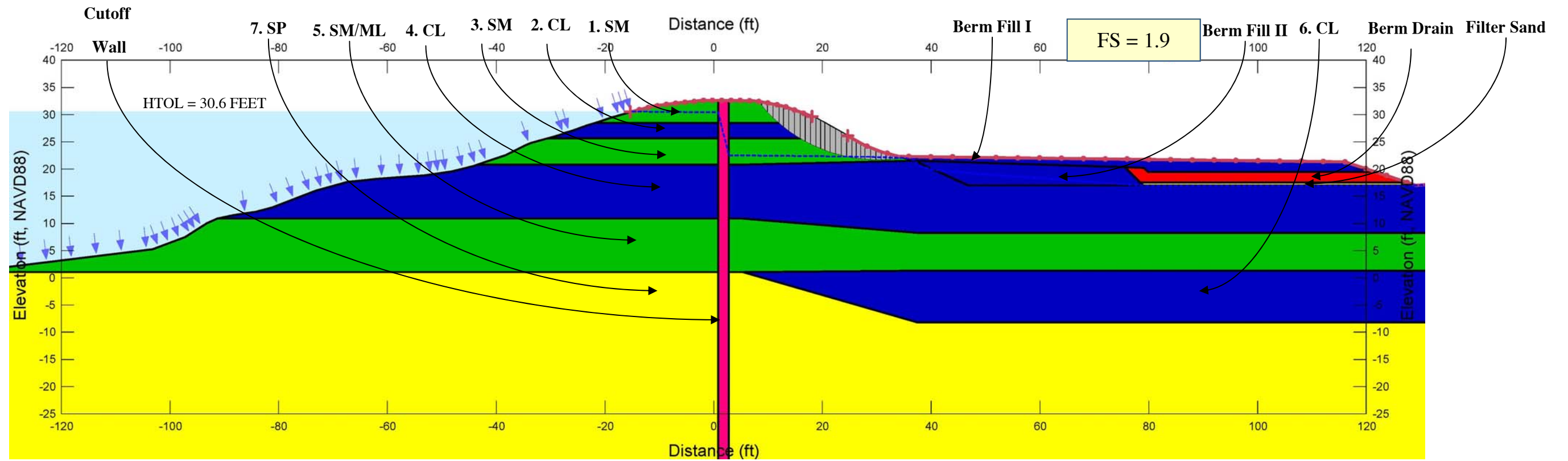
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

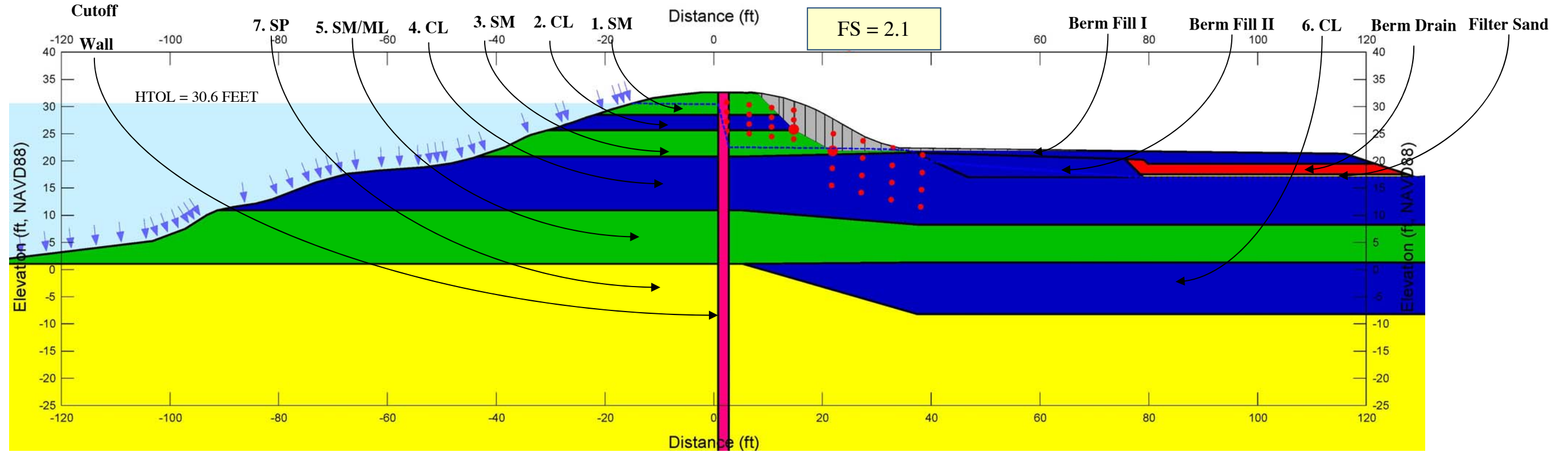
FIGURE NO.
E-54-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

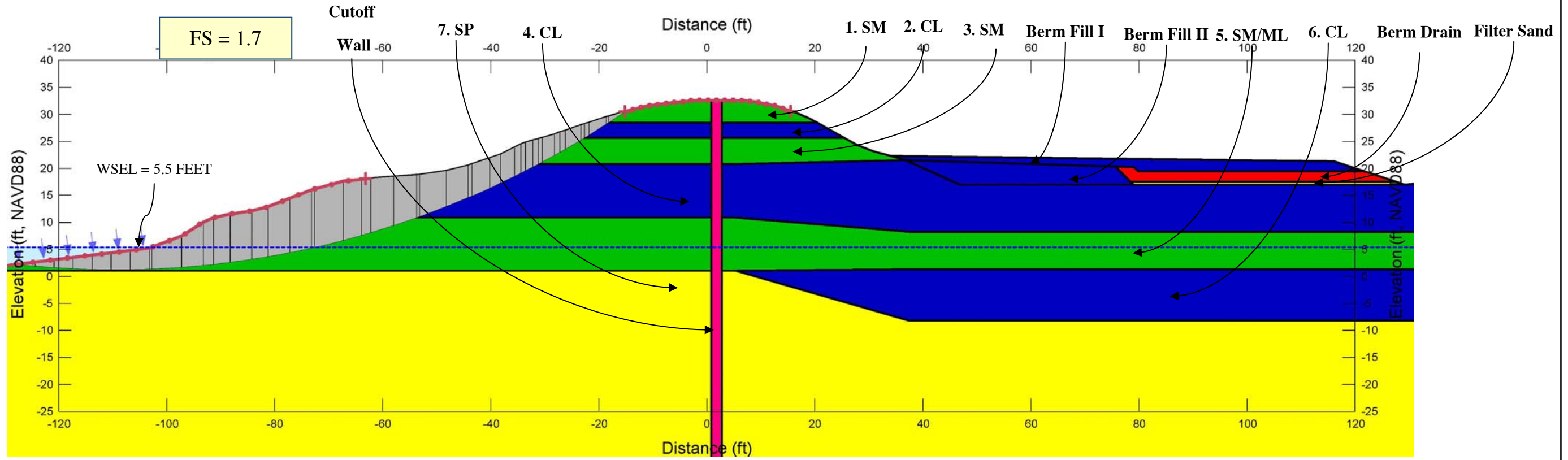
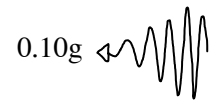


STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

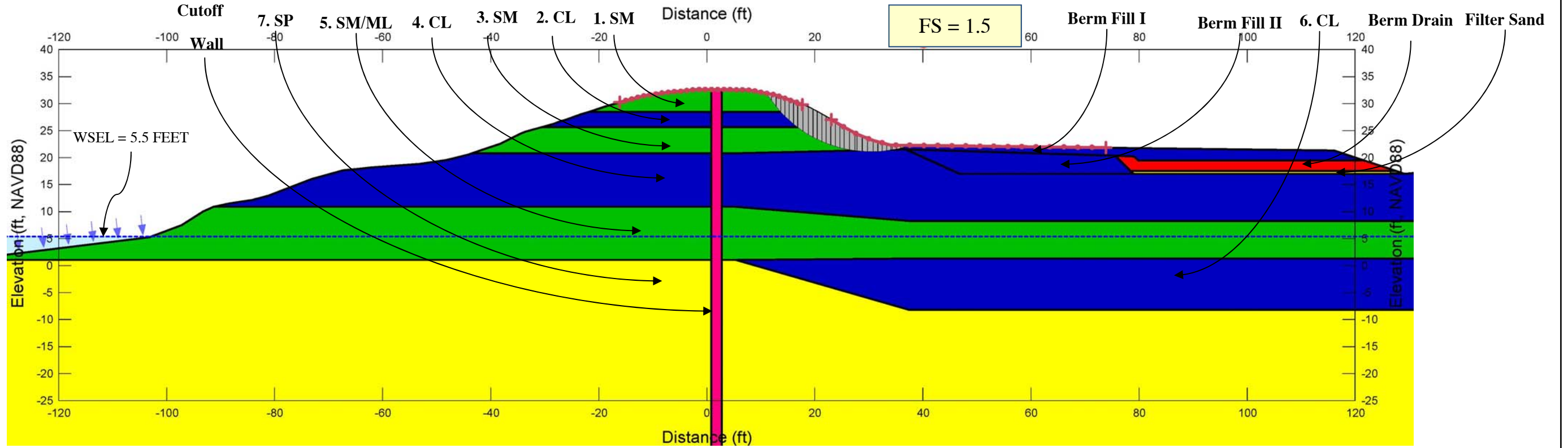
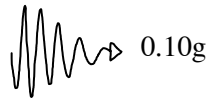
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-54-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

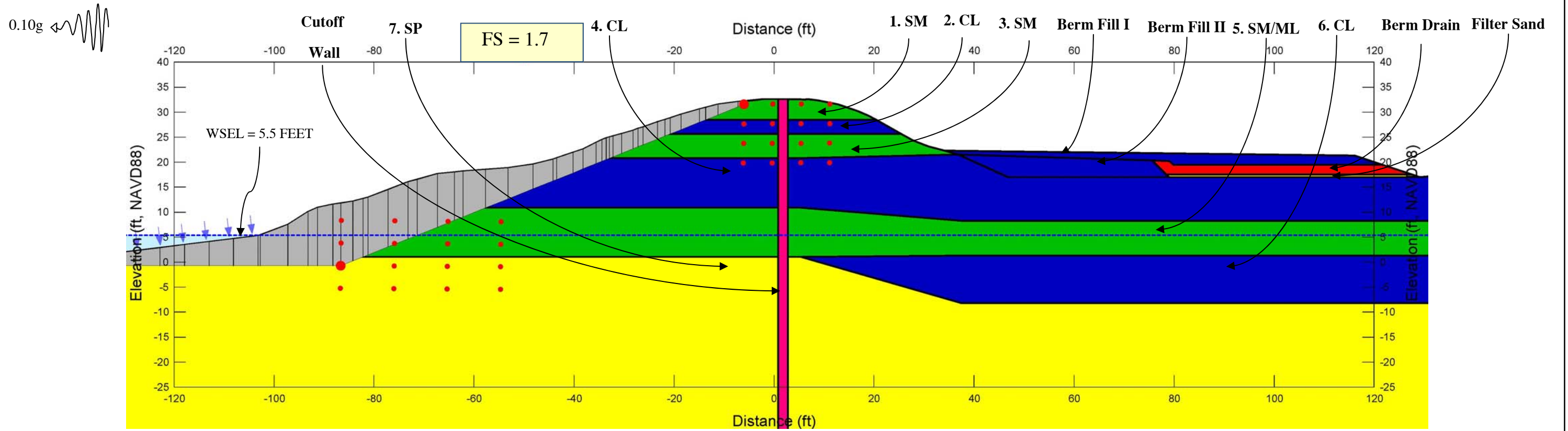


SEISMIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

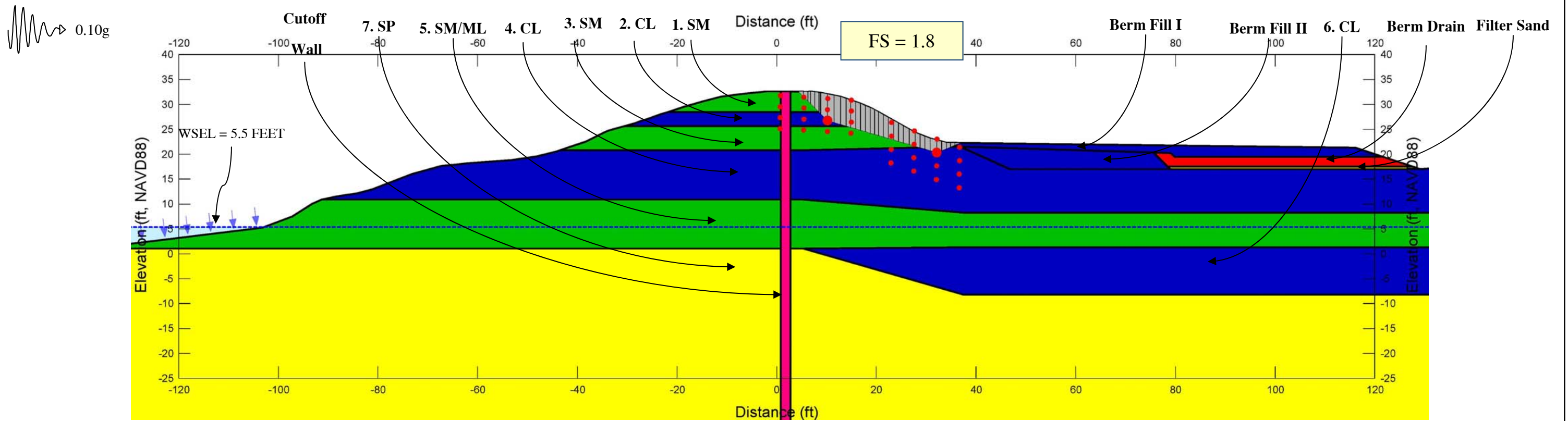
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-54-G

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



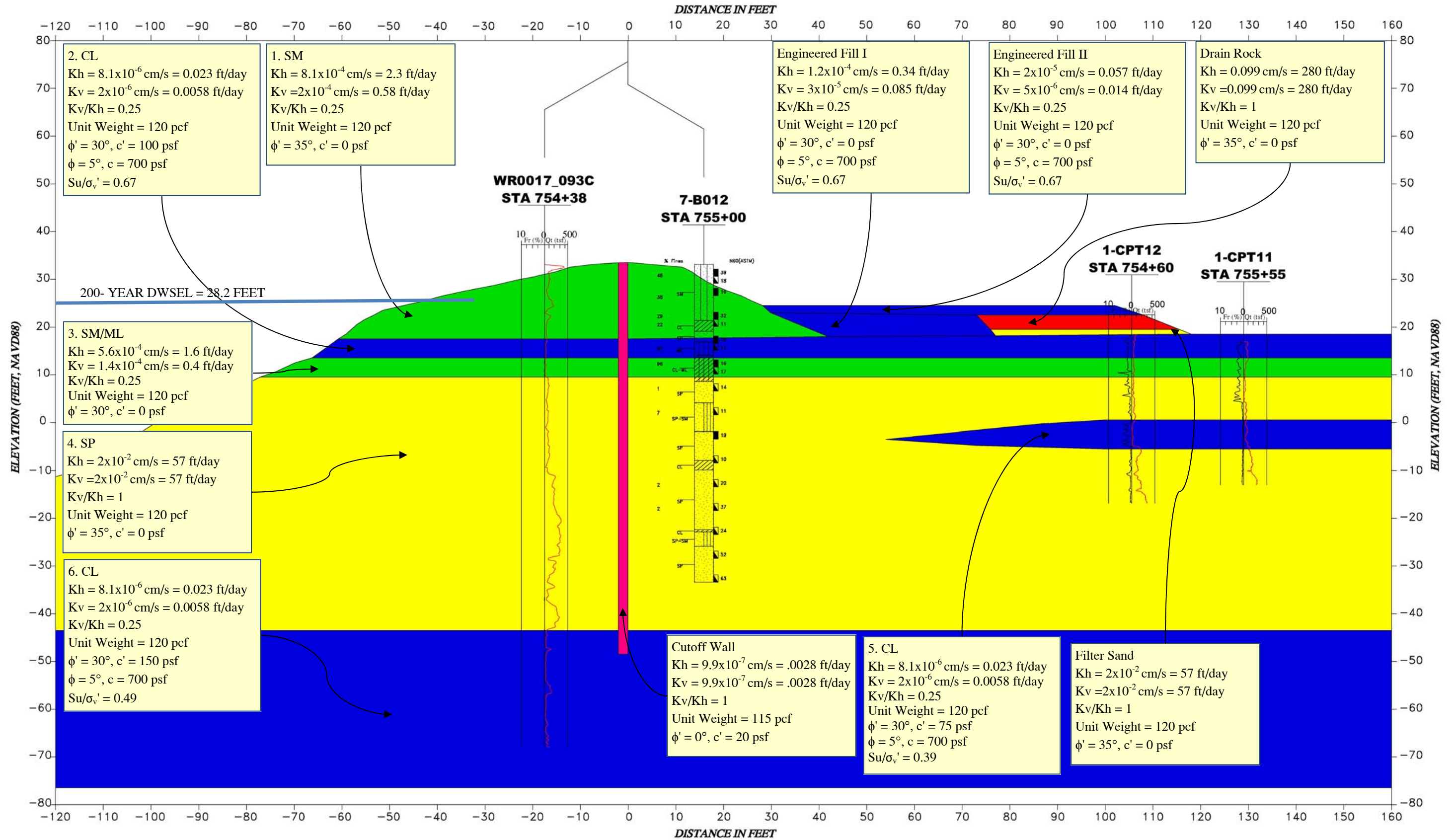
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 744+73
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-54-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



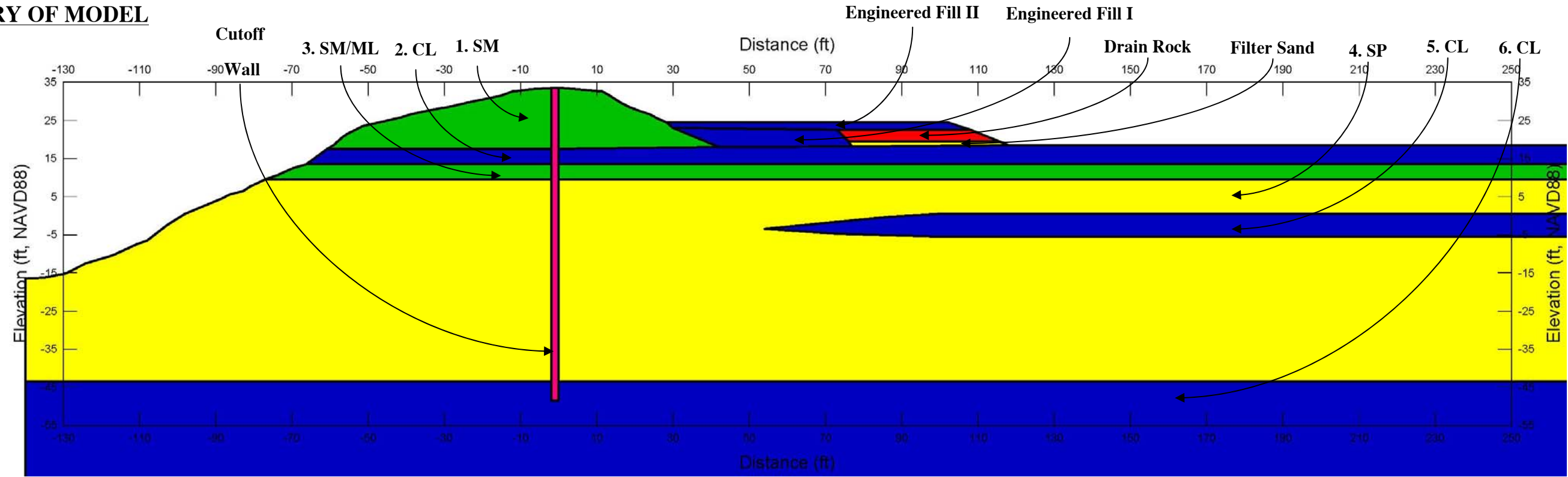
CROSS SECTION & MATERIAL PARAMETERS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	JB

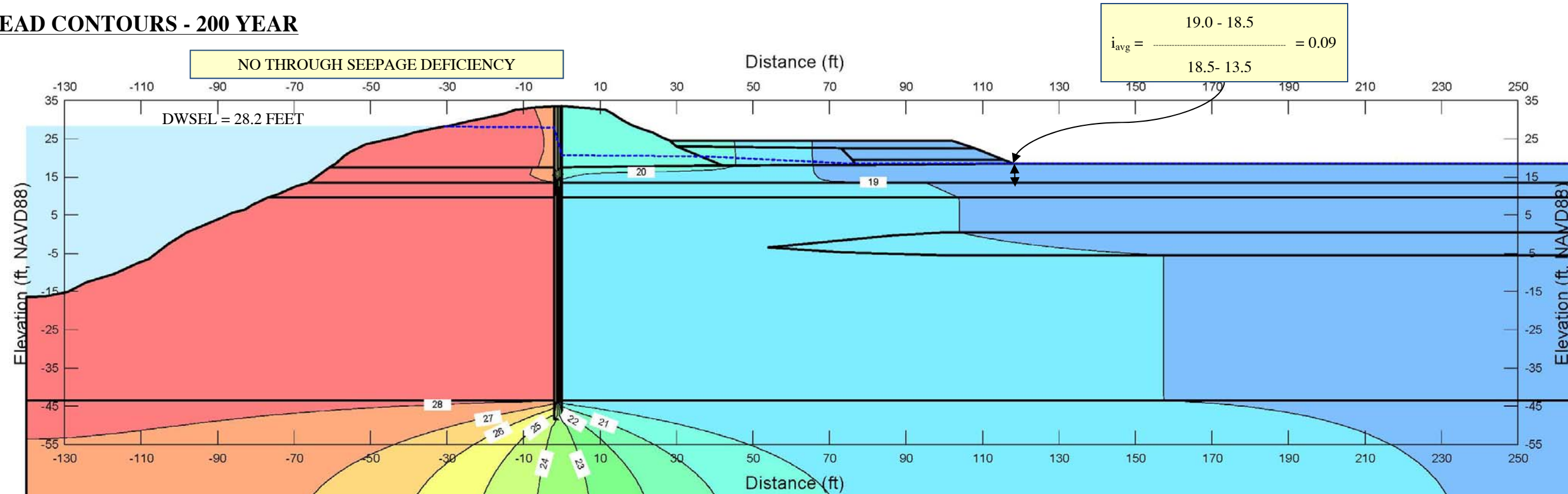
FIGURE NO.
E-55-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



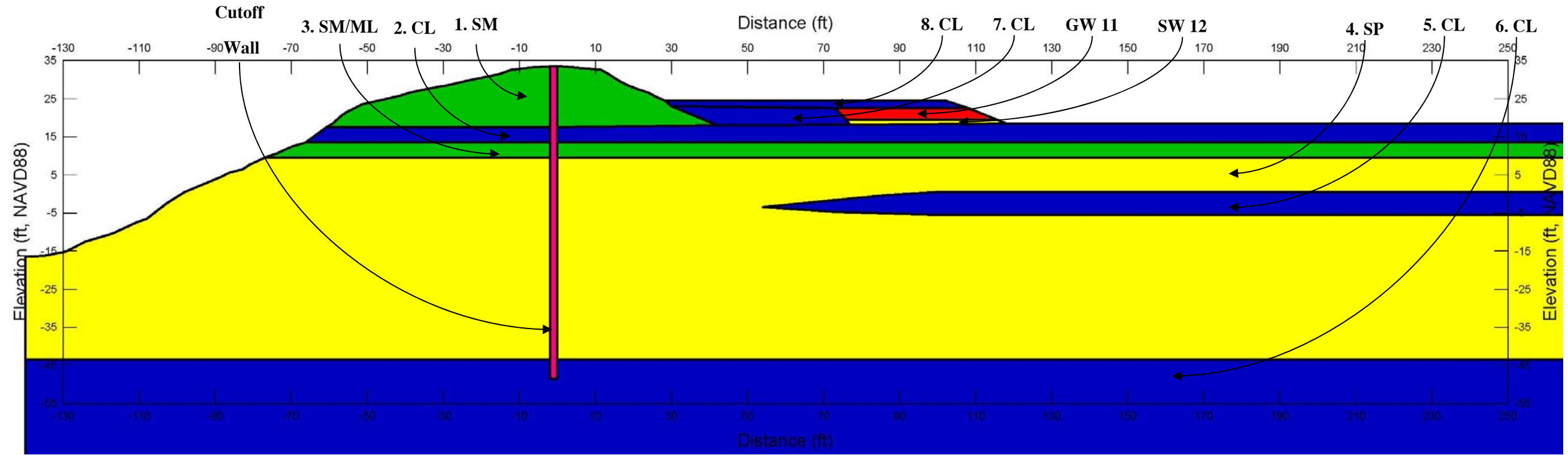
SEEPAGE ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

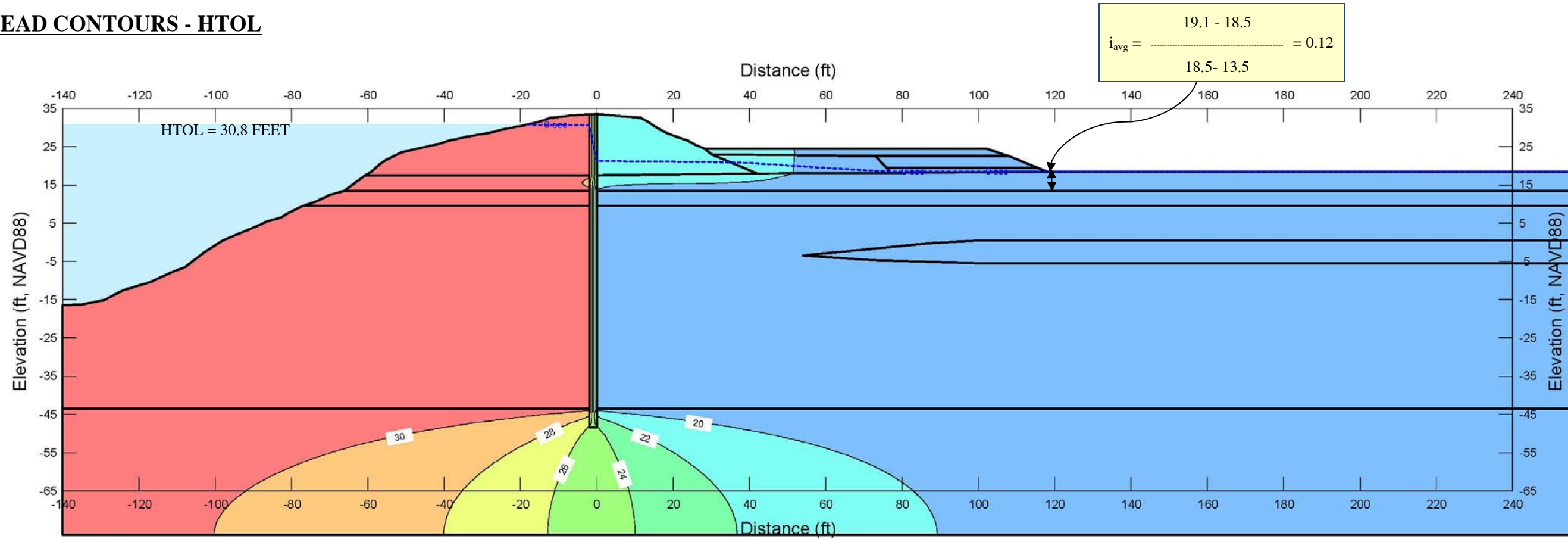
FIGURE NO.
E-55-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

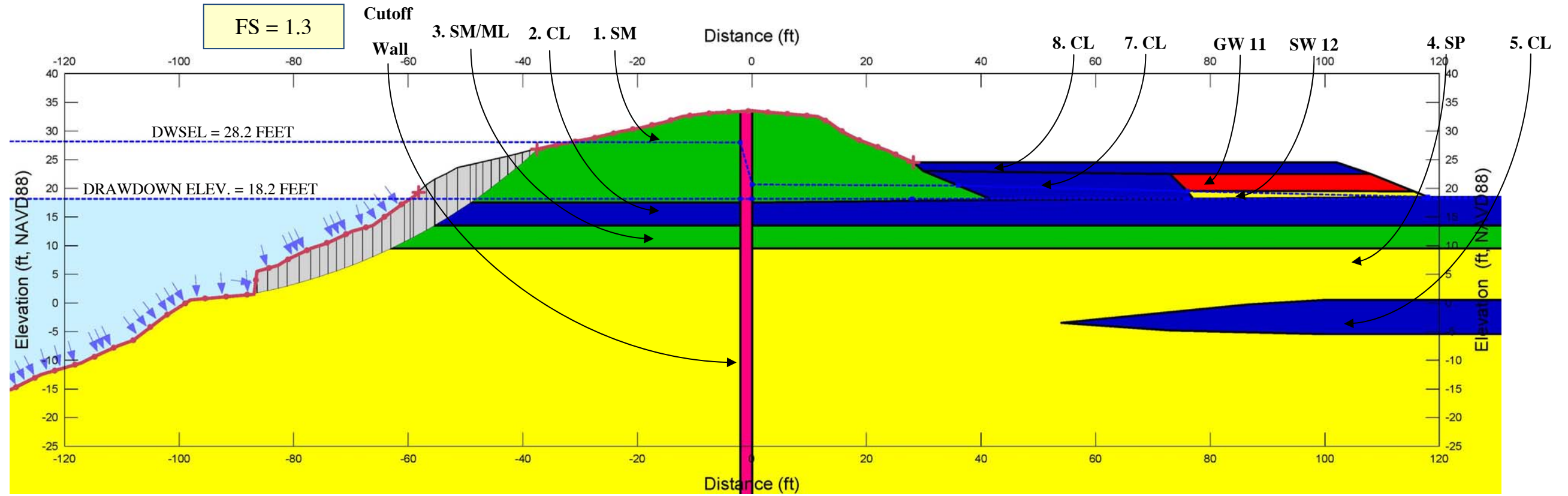


SEEPAGE ANALYSIS
REACH M2B - STA 755+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

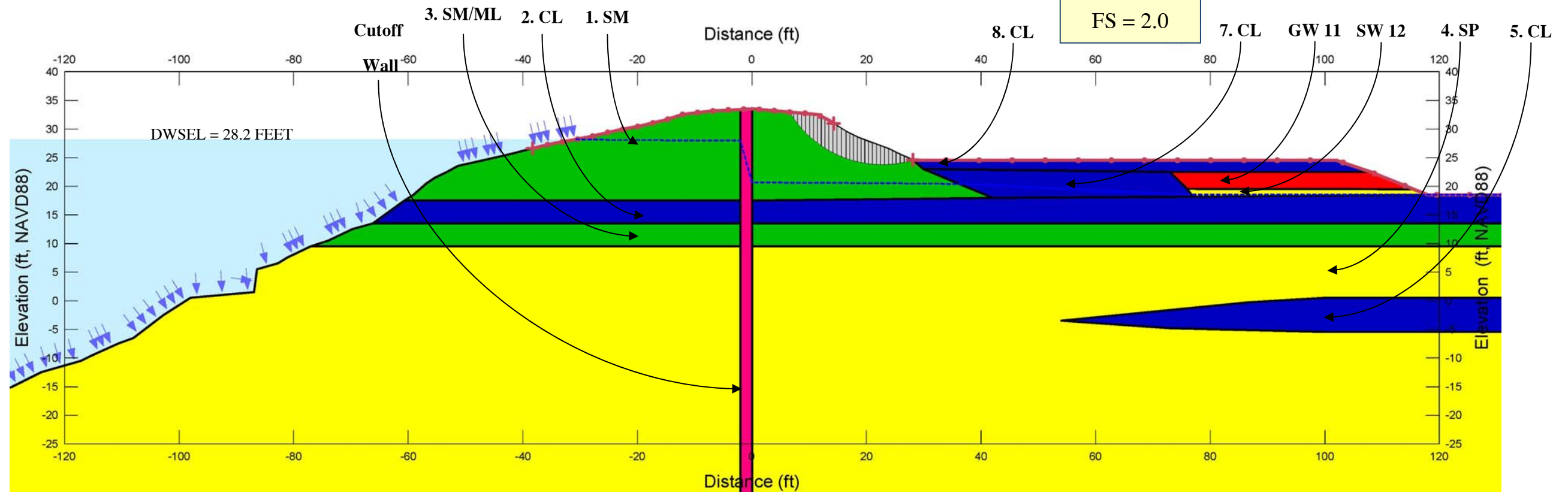
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-55-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



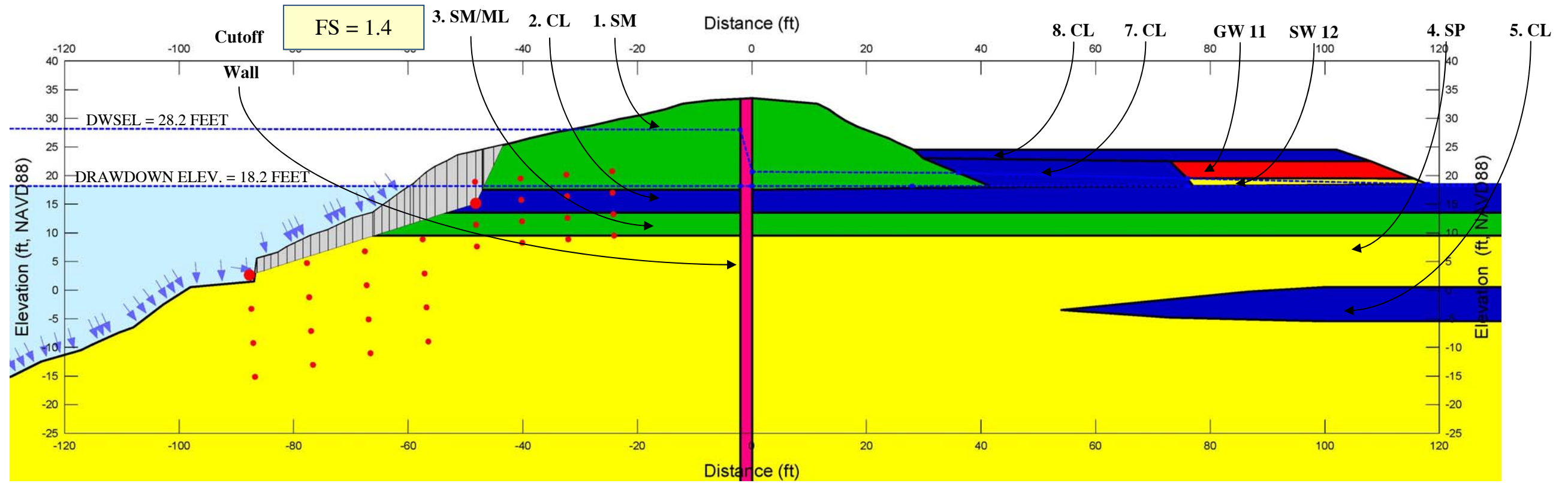
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

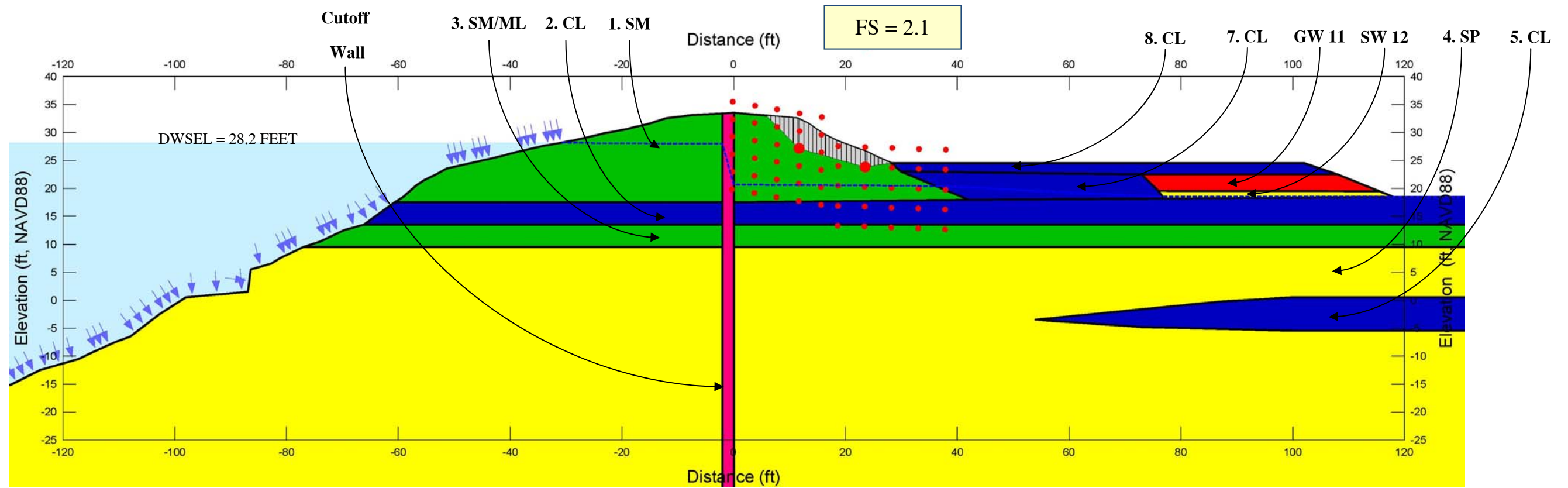
FIGURE NO.
E-55-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



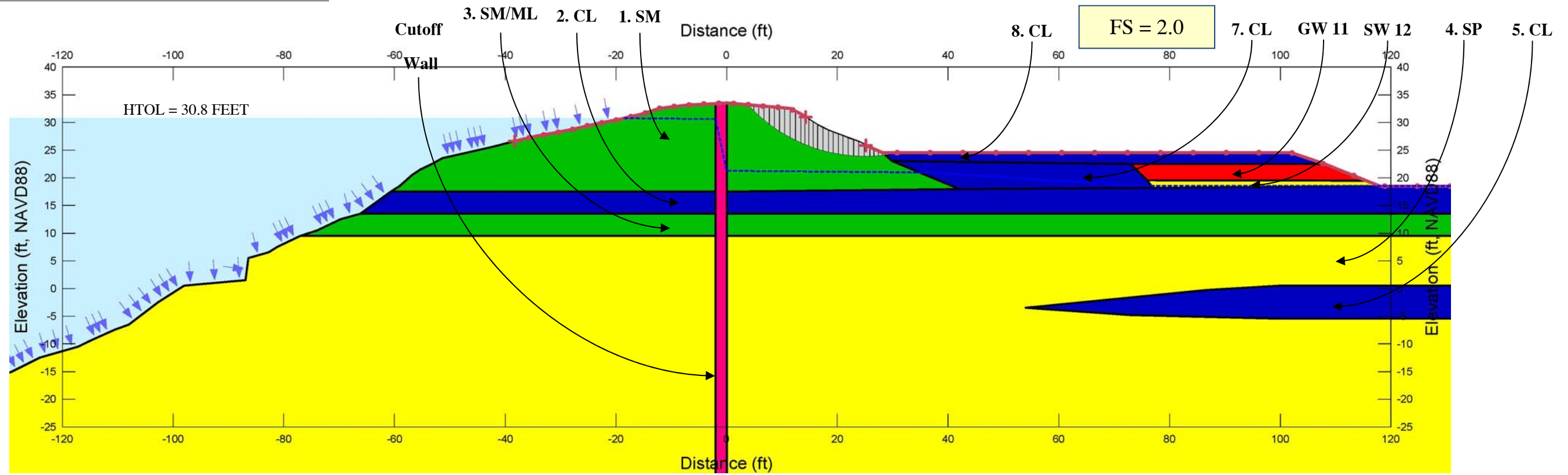
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

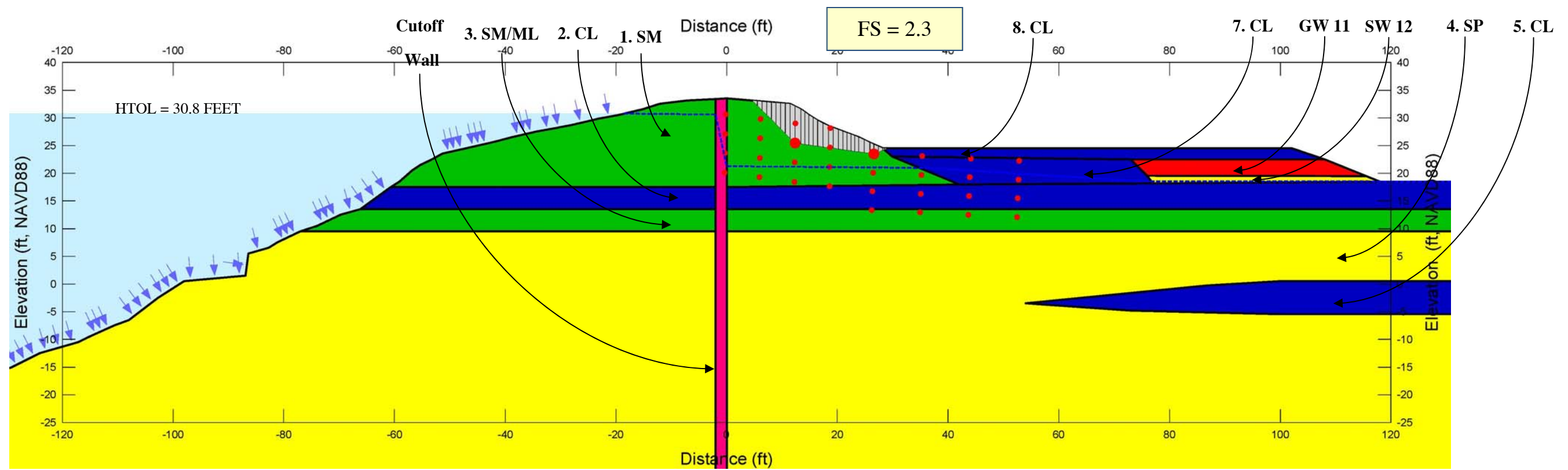
FIGURE NO.
E-55-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)



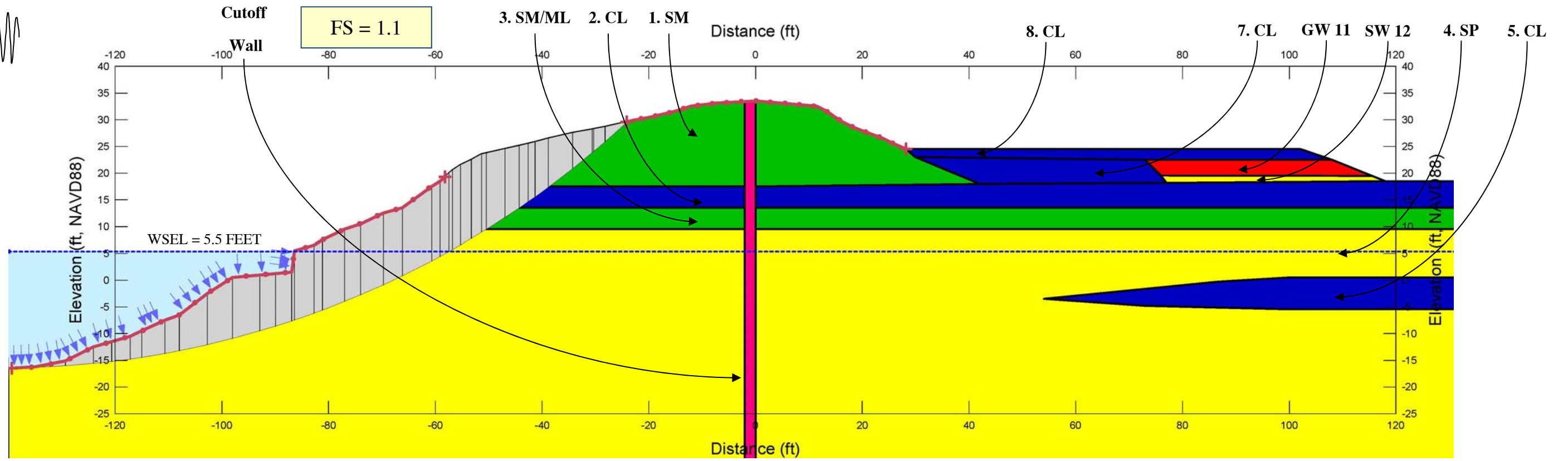
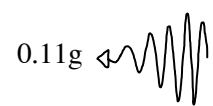
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

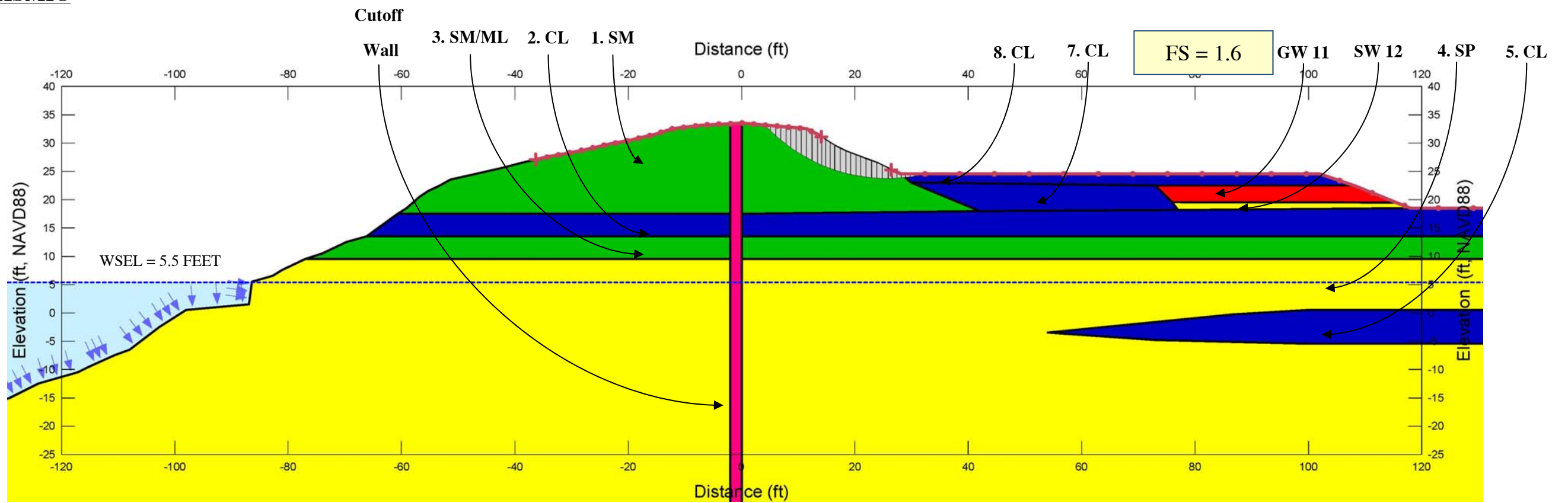
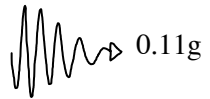
FIGURE NO.
E-55-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



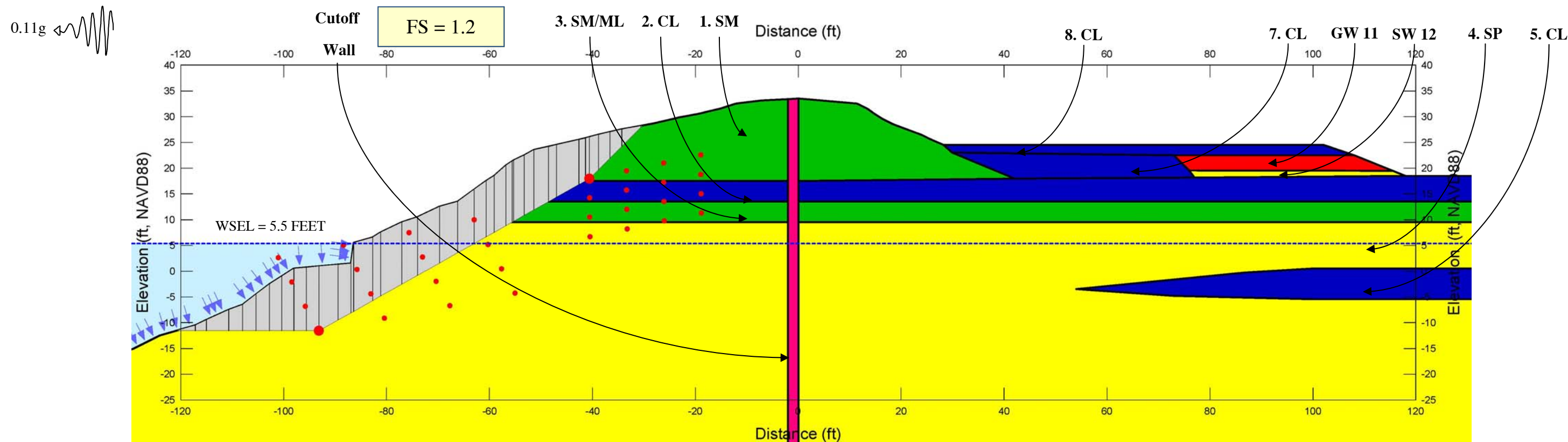
STATIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

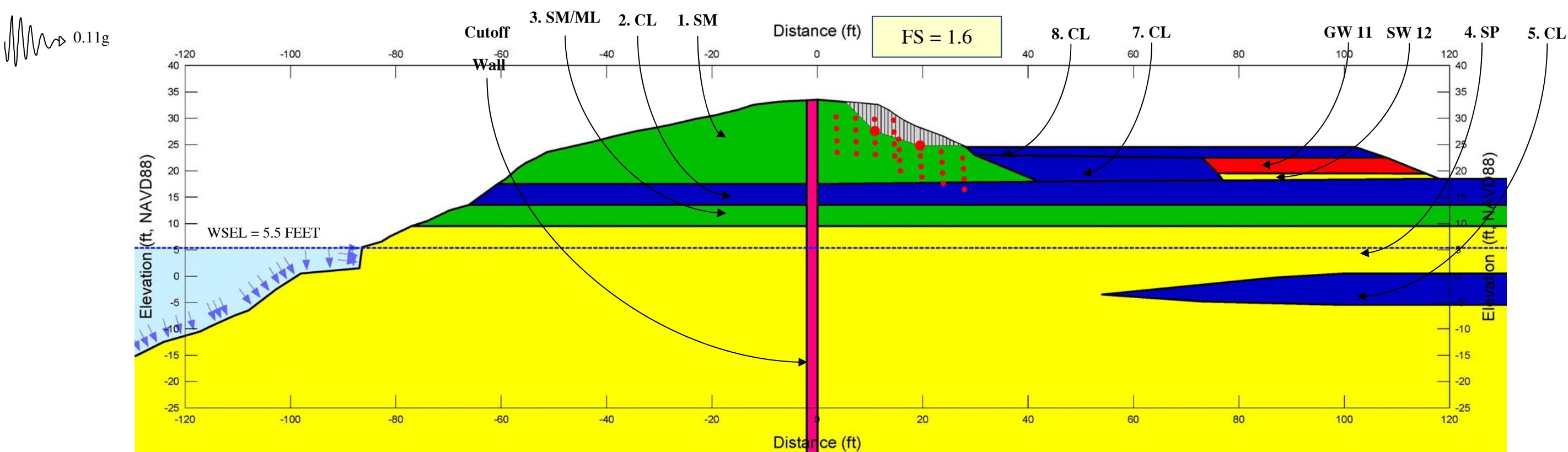
FIGURE NO.
E-55-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



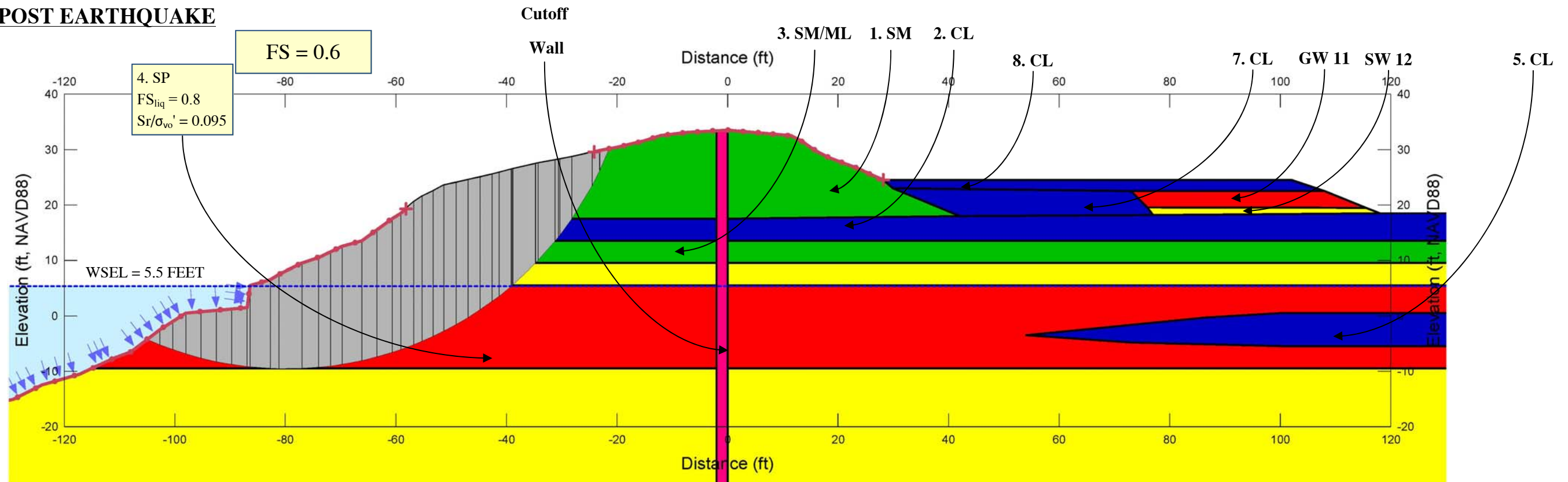
LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



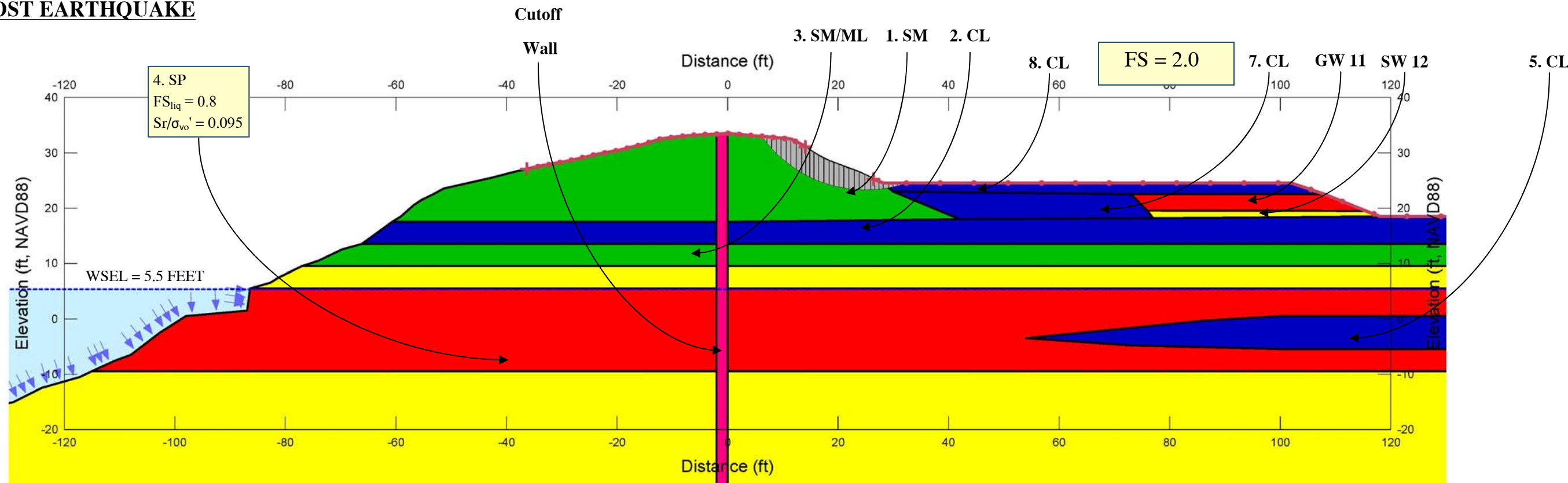
	STATIC SLOPE STABILITY ANALYSIS REACH M2B - STA 755+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-55-H
			SCALE: NO SCALE	
			DRAWN BY: BA	CHECKED BY: NS

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



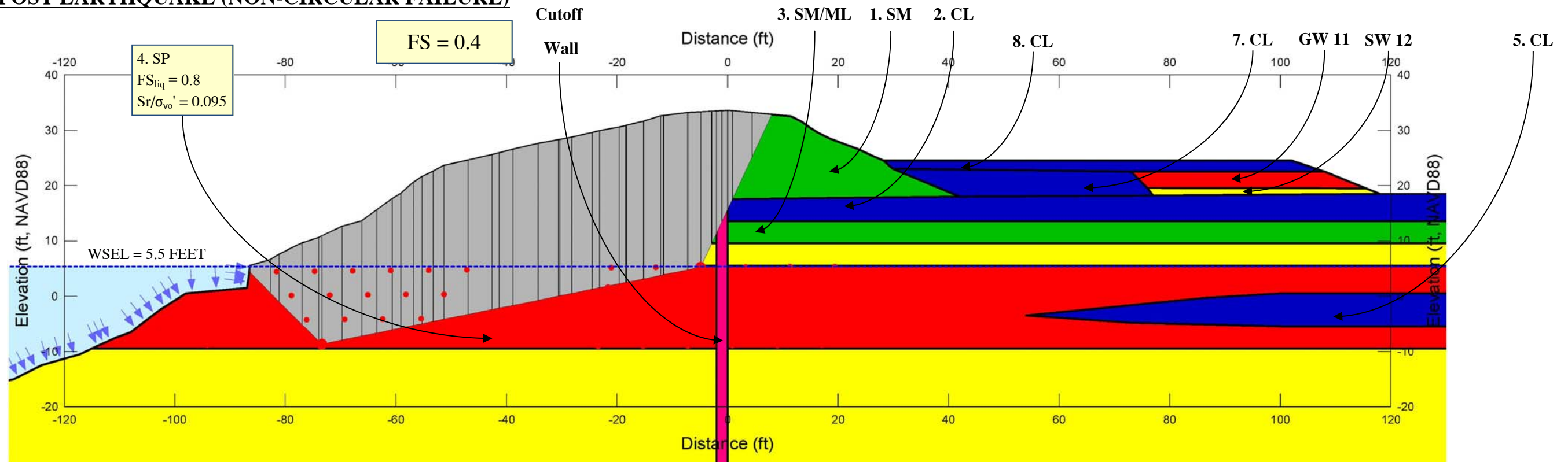
LANDSIDE POST EARTHQUAKE



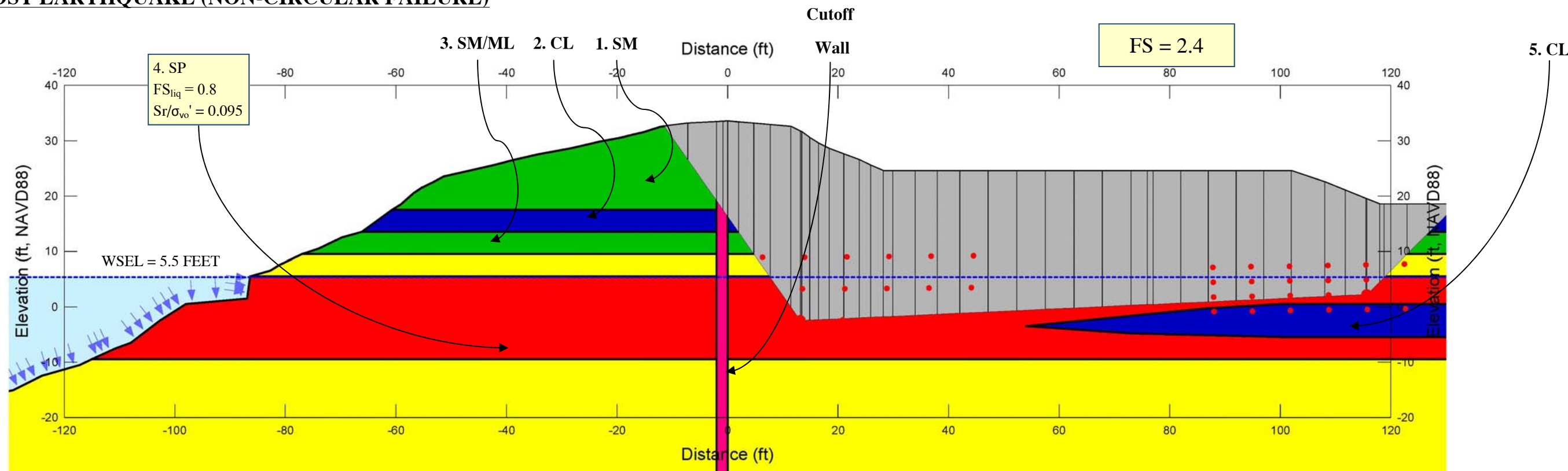
	SEISMIC SLOPE STABILITY ANALYSIS		PROJECT NO.: 5747.005.000	FIGURE NO.
	REACH M2B - STA 755+00		SCALE: NO SCALE	E-55-I
	RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		DRAWN BY: BA	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



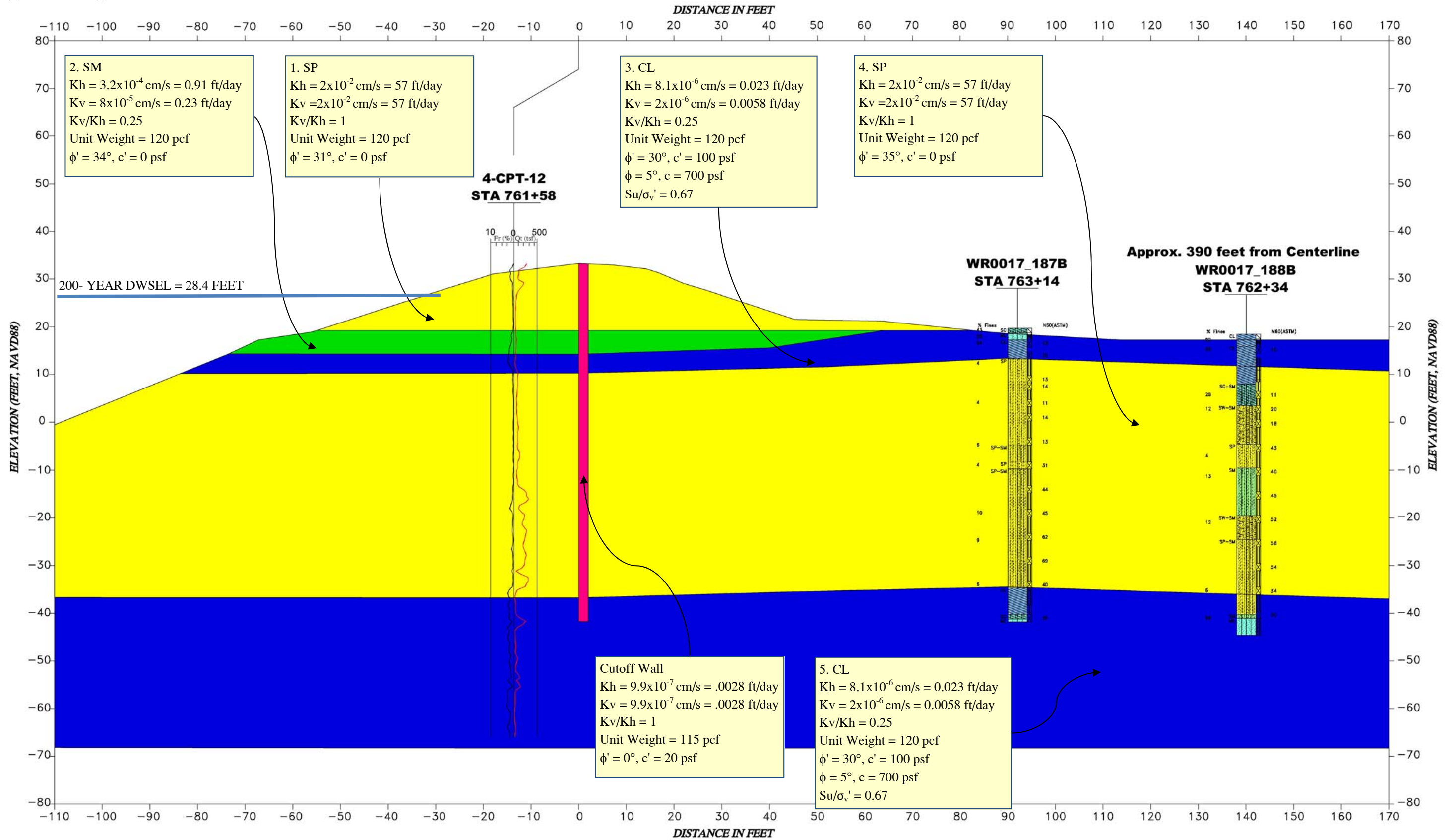
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M2B - STA 755+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-55-J

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



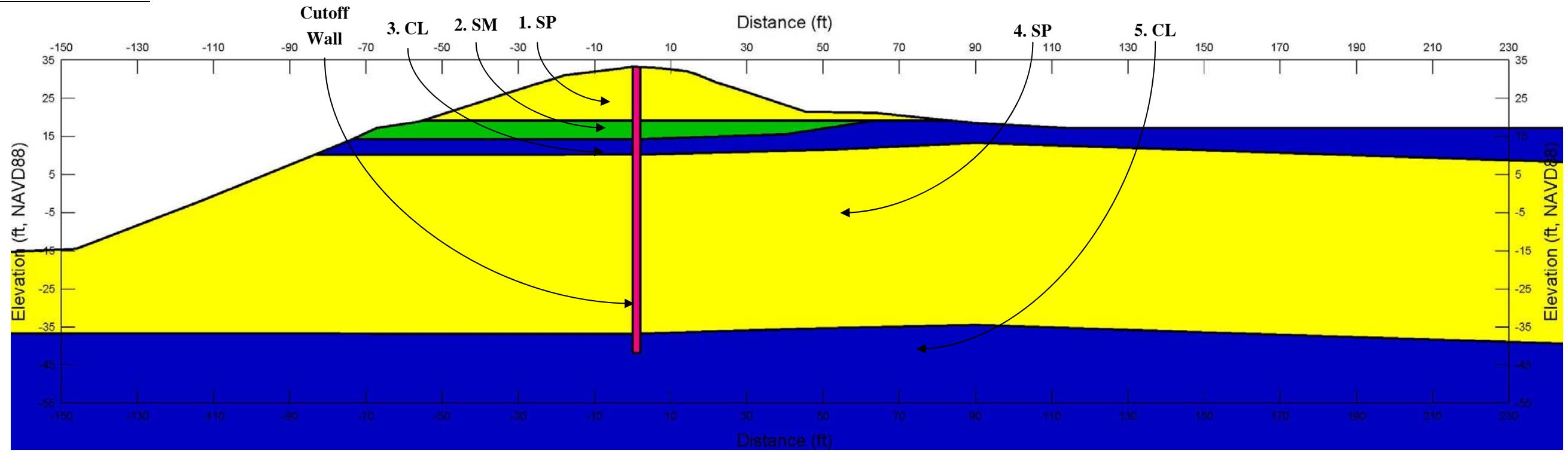
CROSS SECTION & MATERIAL PARAMETERS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: JB

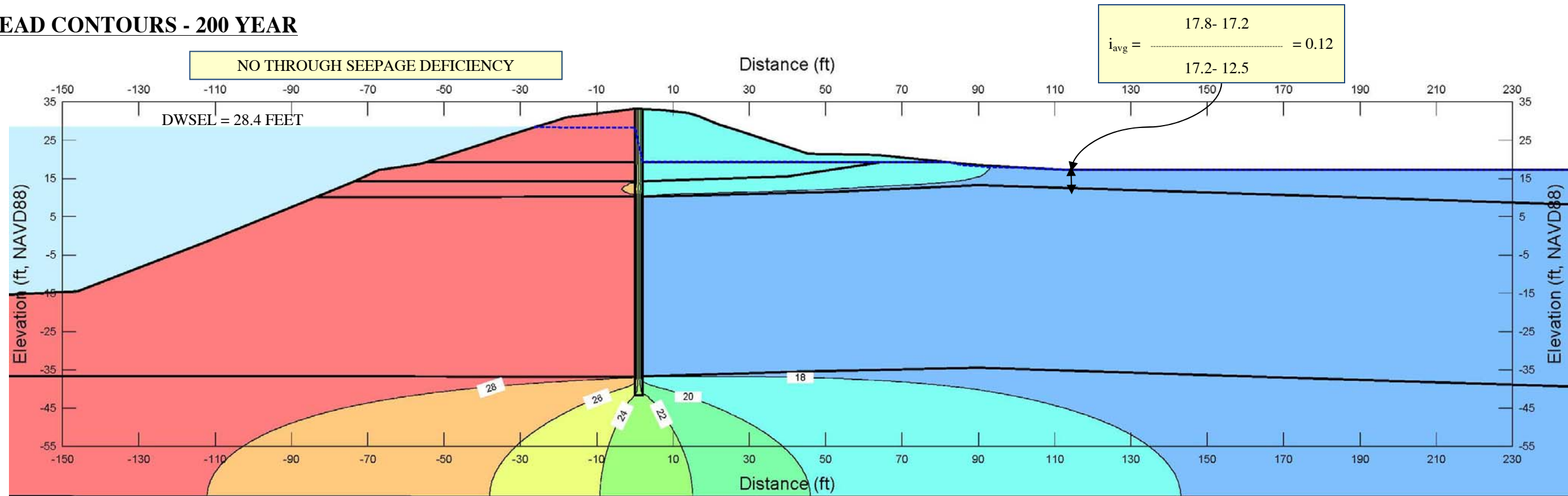
FIGURE NO.
E-56-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



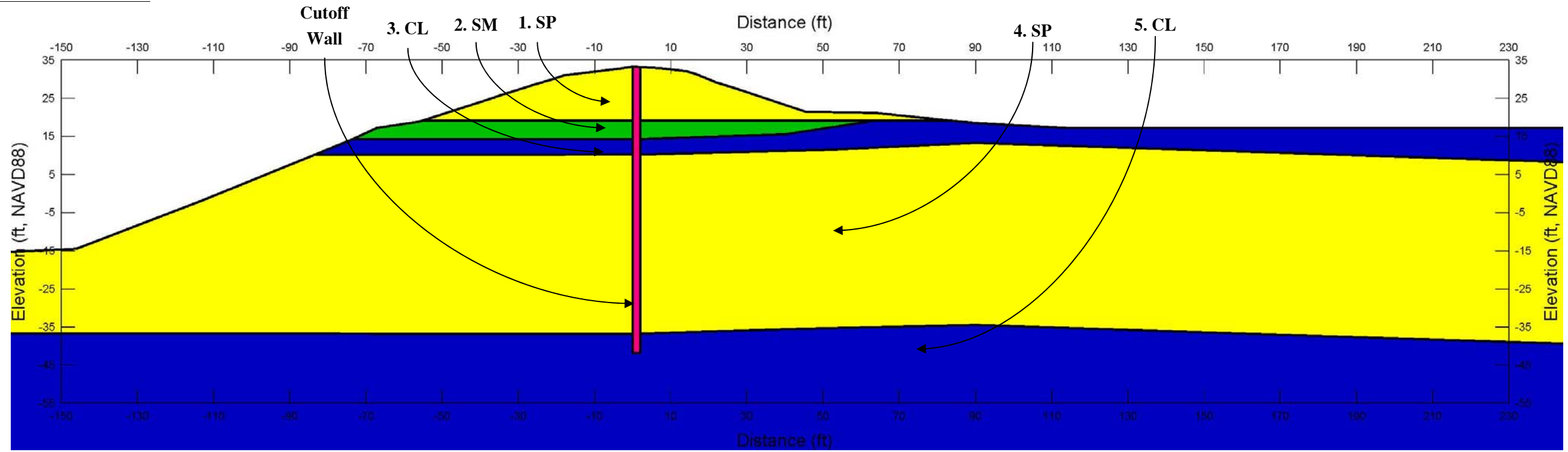
SEEPAGE ANALYSIS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

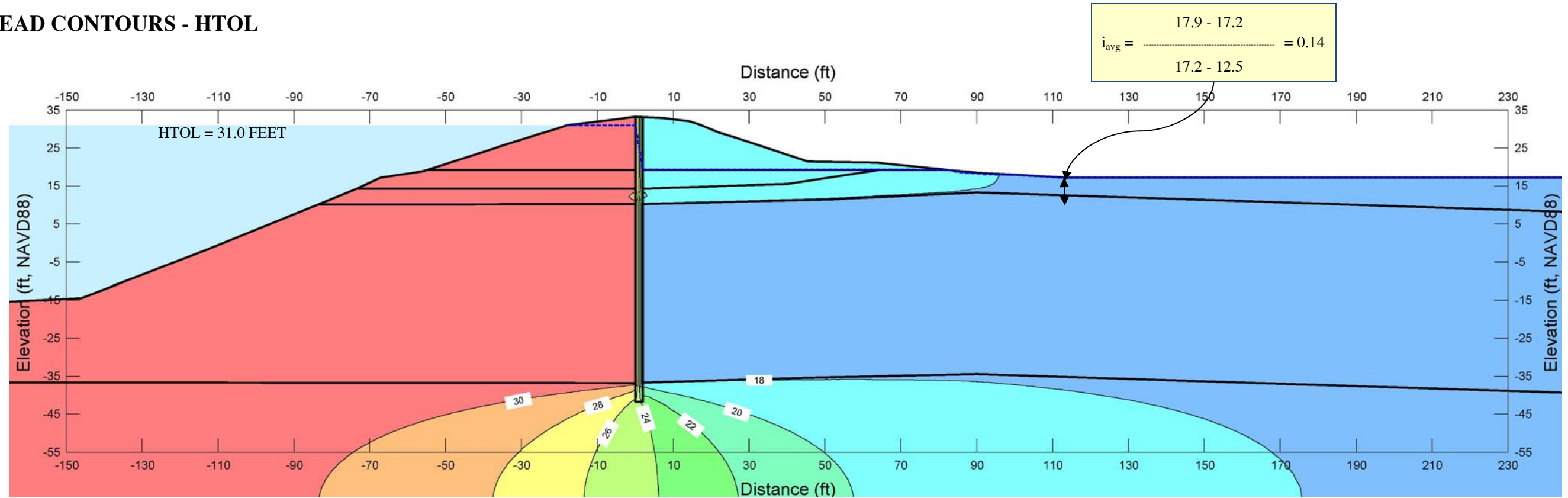
FIGURE NO.
E-56-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

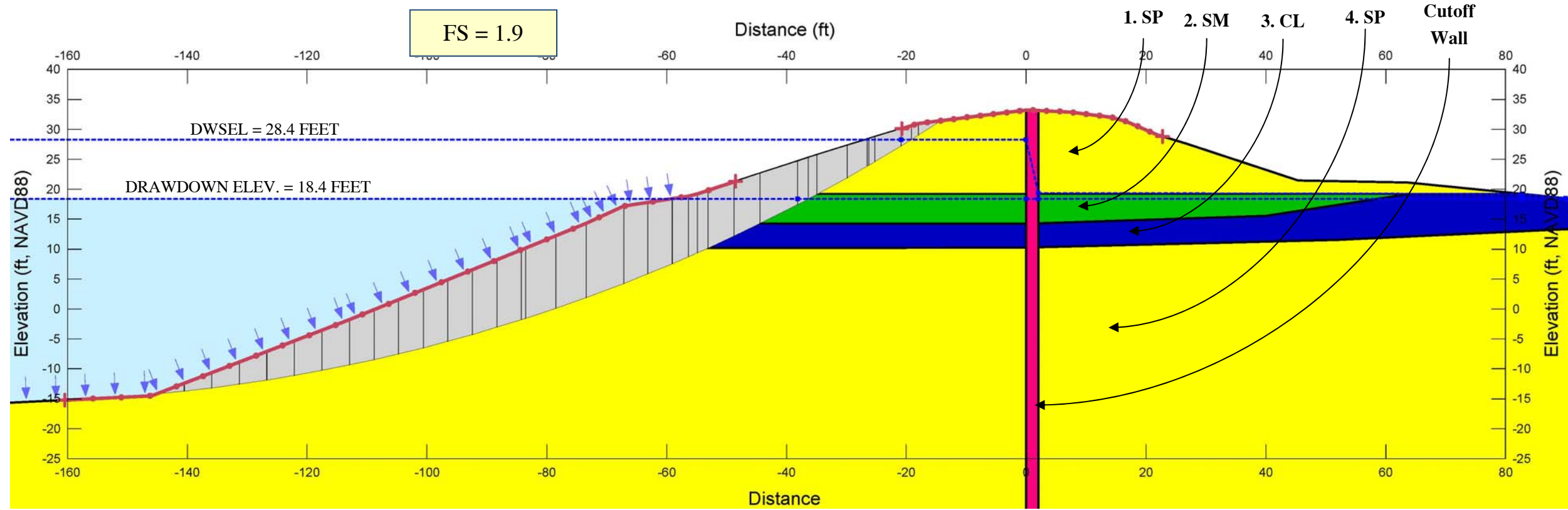


SEEPAGE ANALYSIS
REACH M3A - STA 761+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

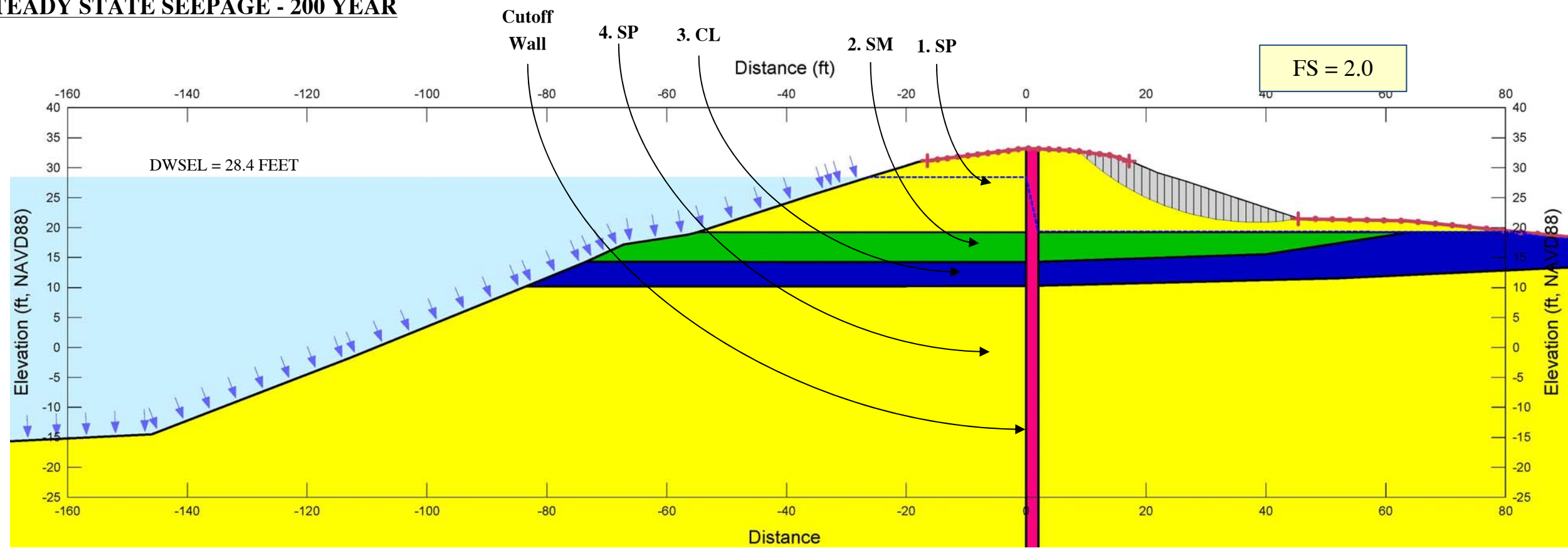
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-56-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

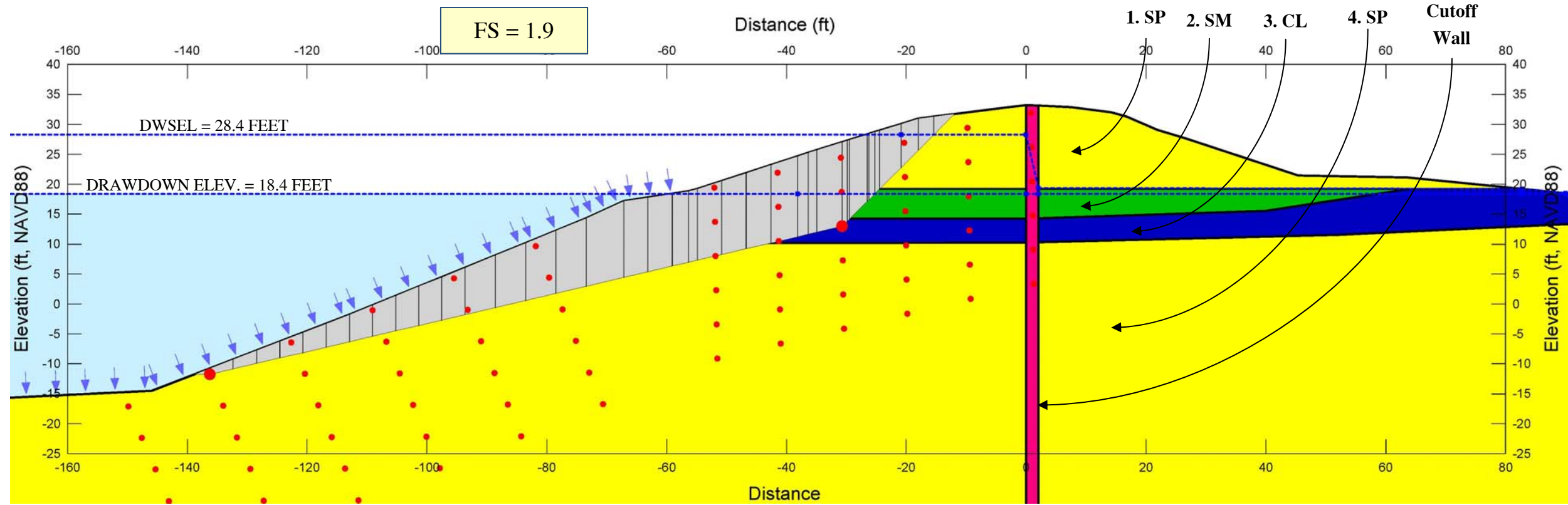


STATIC SLOPE STABILITY ANALYSIS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

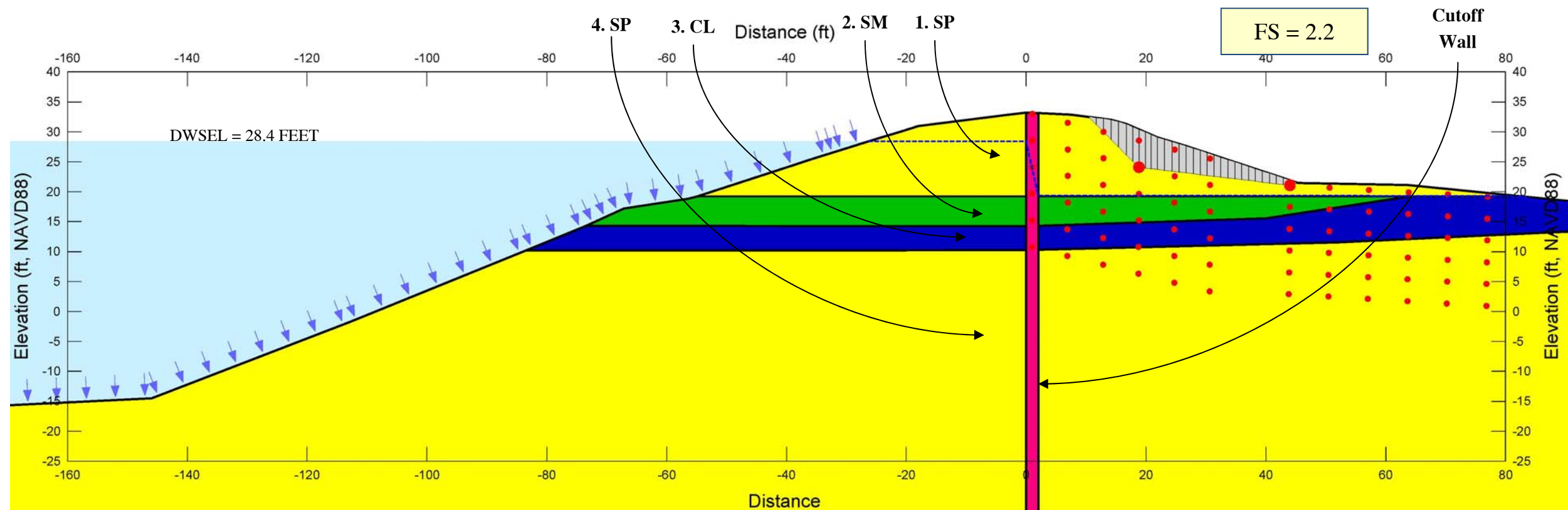
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-56-D

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



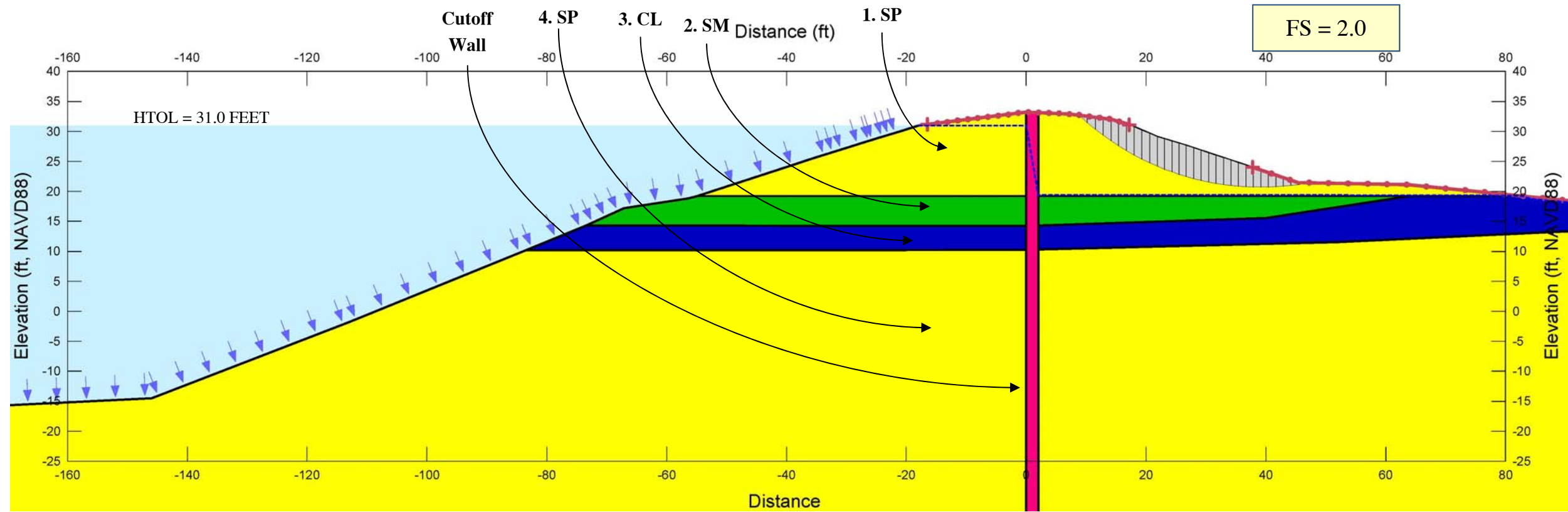
STATIC SLOPE STABILITY ANALYSIS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

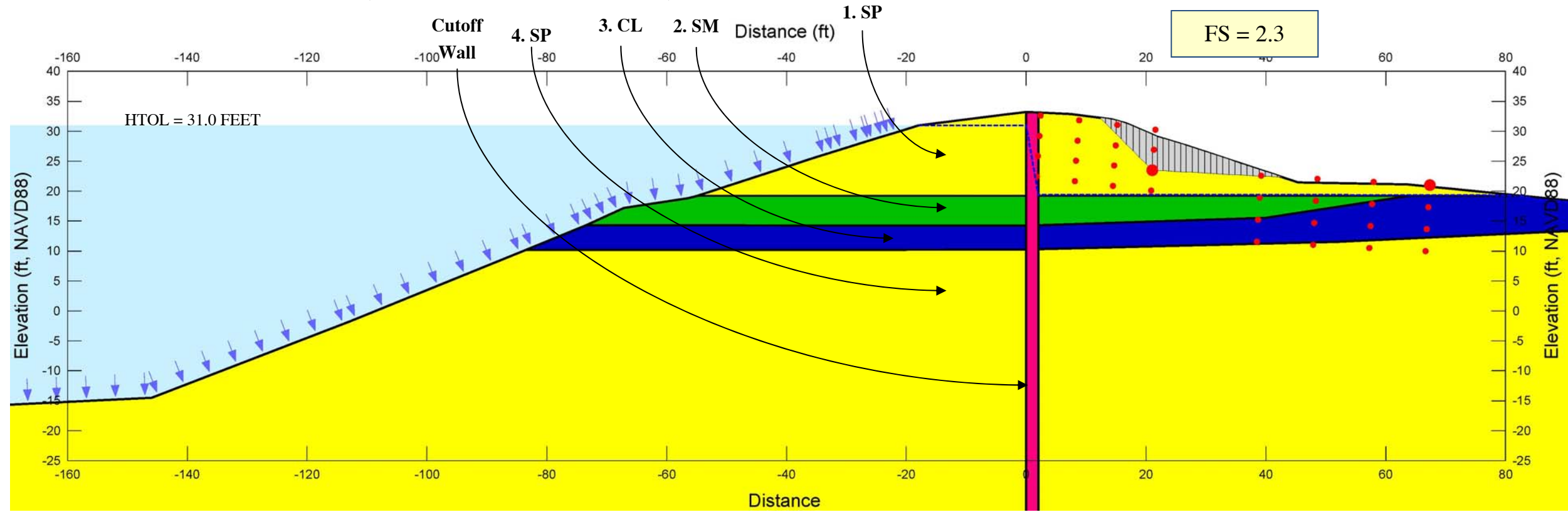
FIGURE NO.
E-56-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

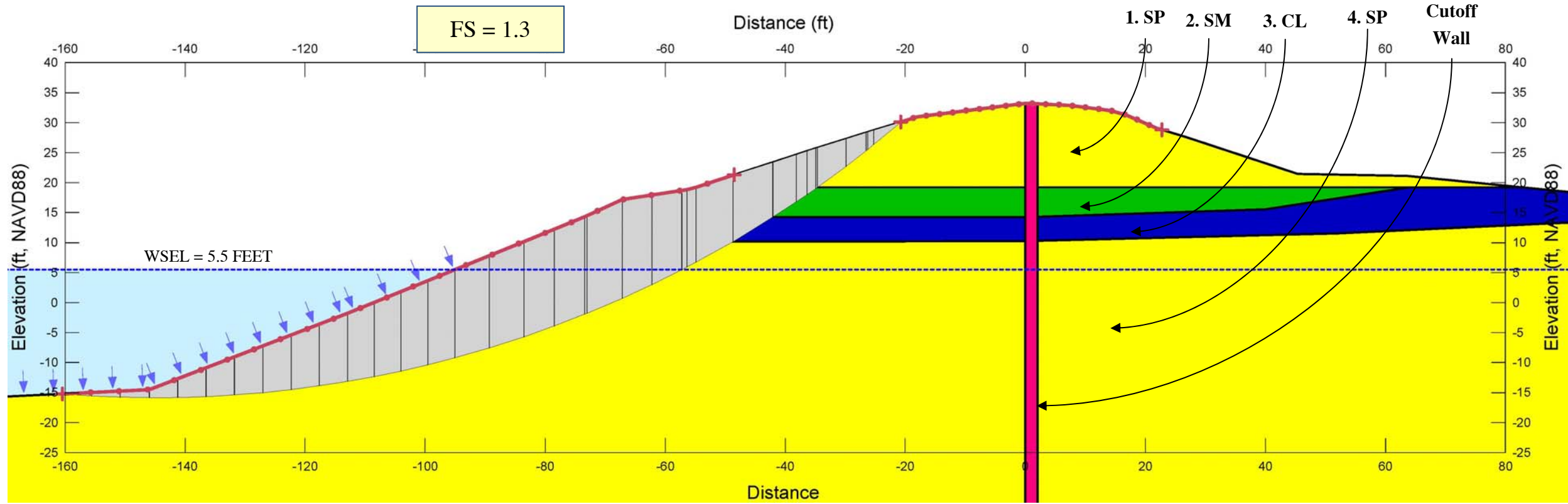
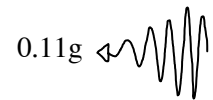


STATIC SLOPE STABILITY ANALYSIS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

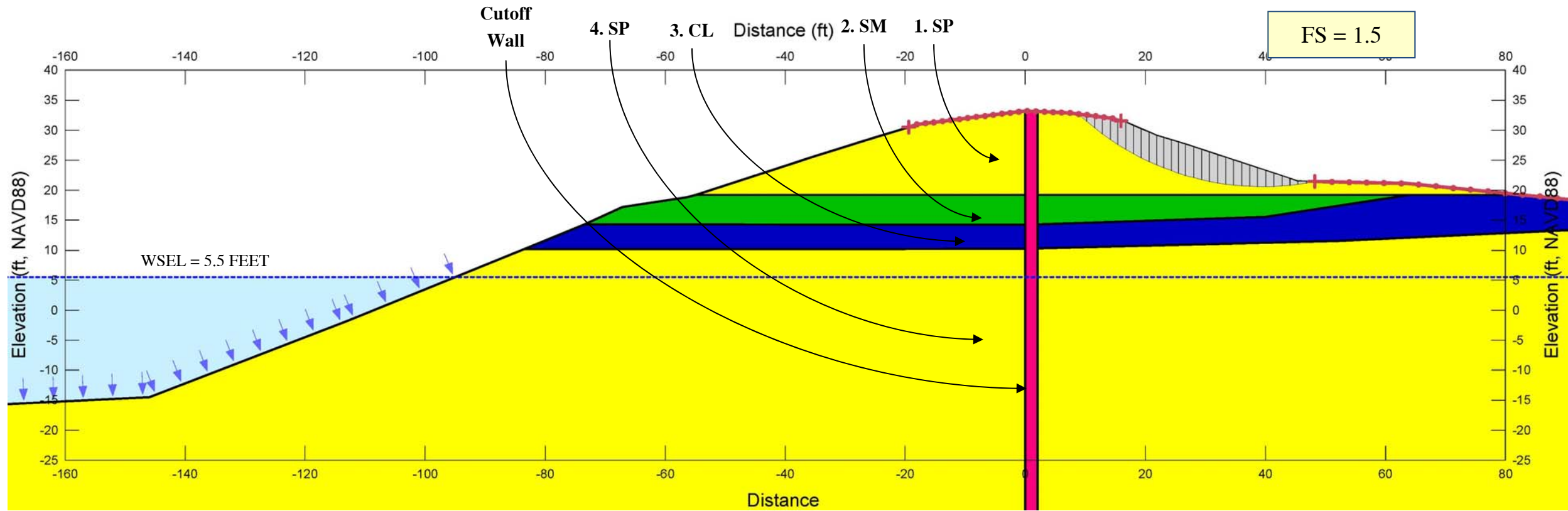
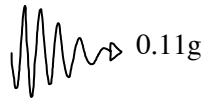
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-56-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC

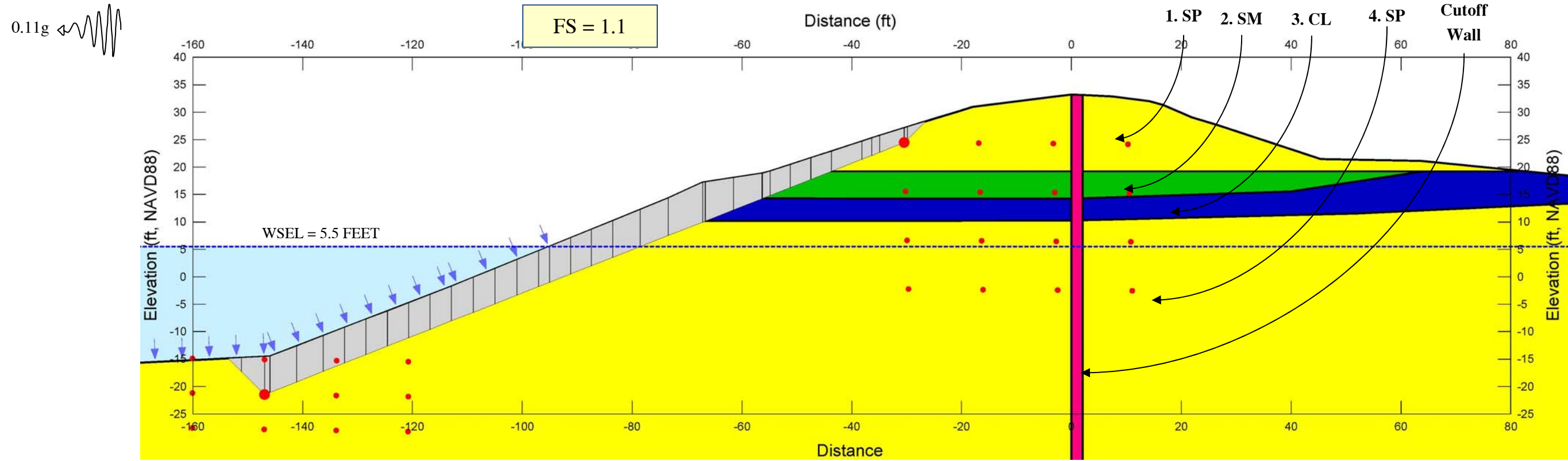


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

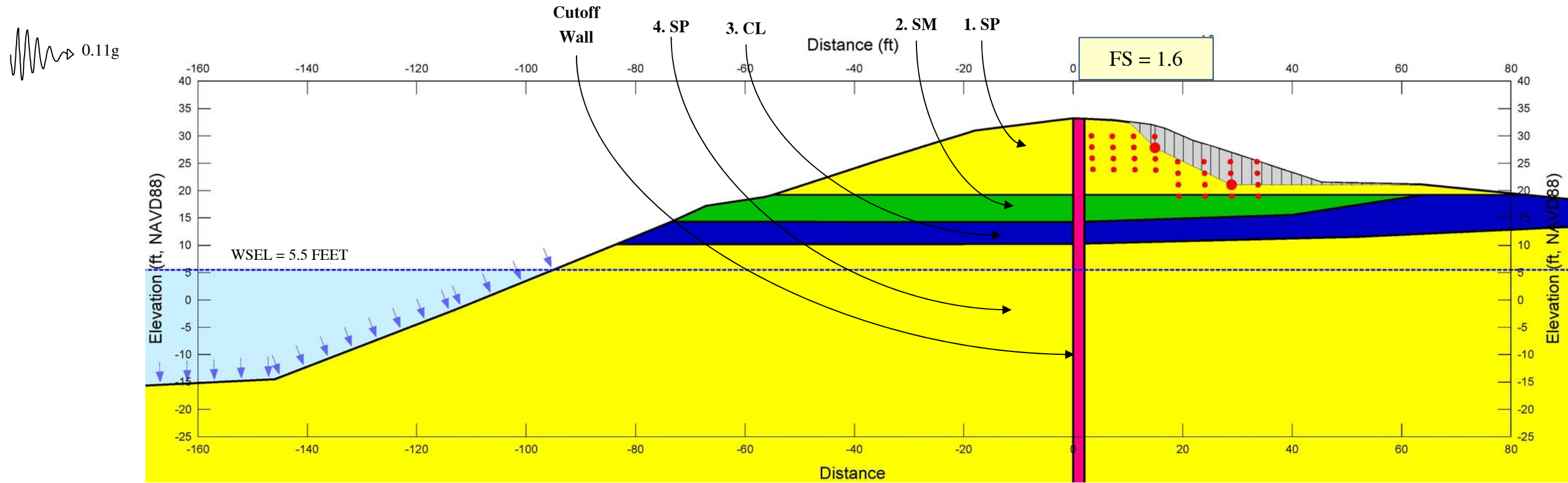
	SEISMIC SLOPE STABILITY ANALYSIS REACH M3A - STA 761+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-56-G
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3A - STA 761+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

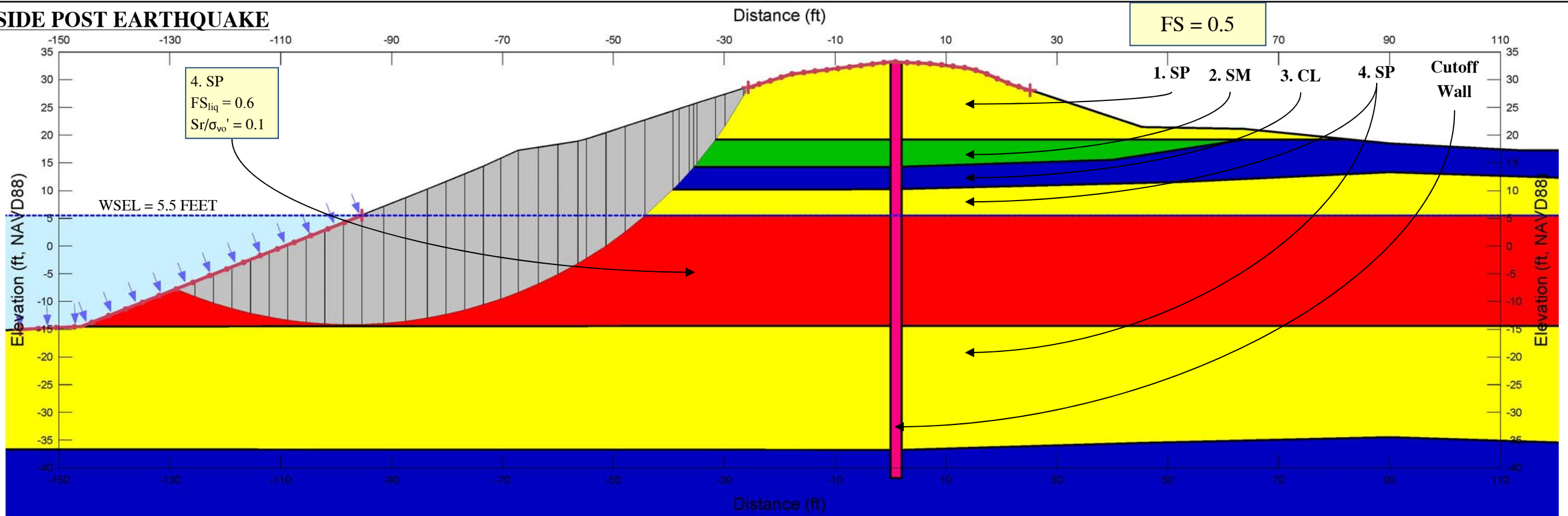
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.

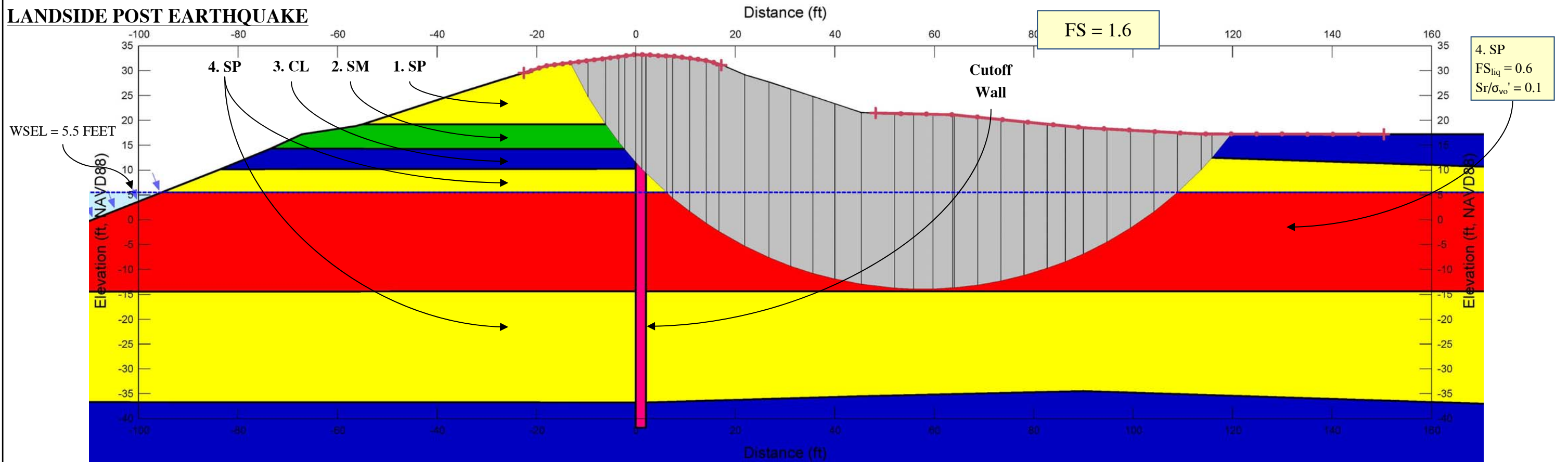
E-56-H


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



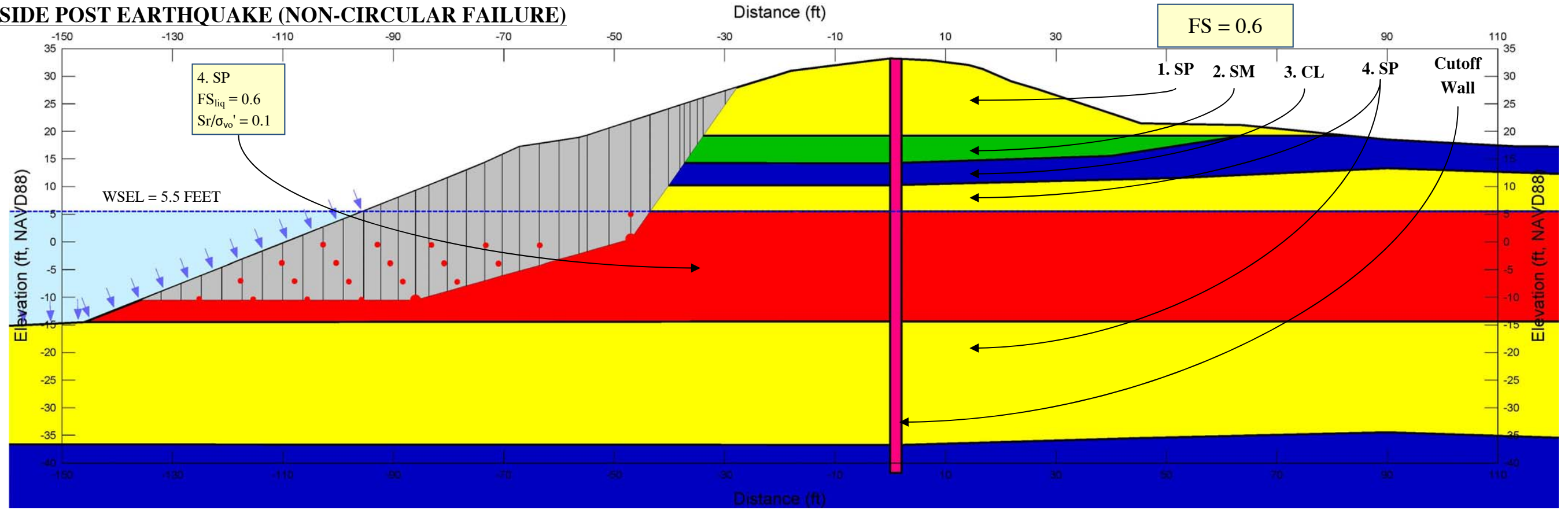
LANDSIDE POST EARTHQUAKE



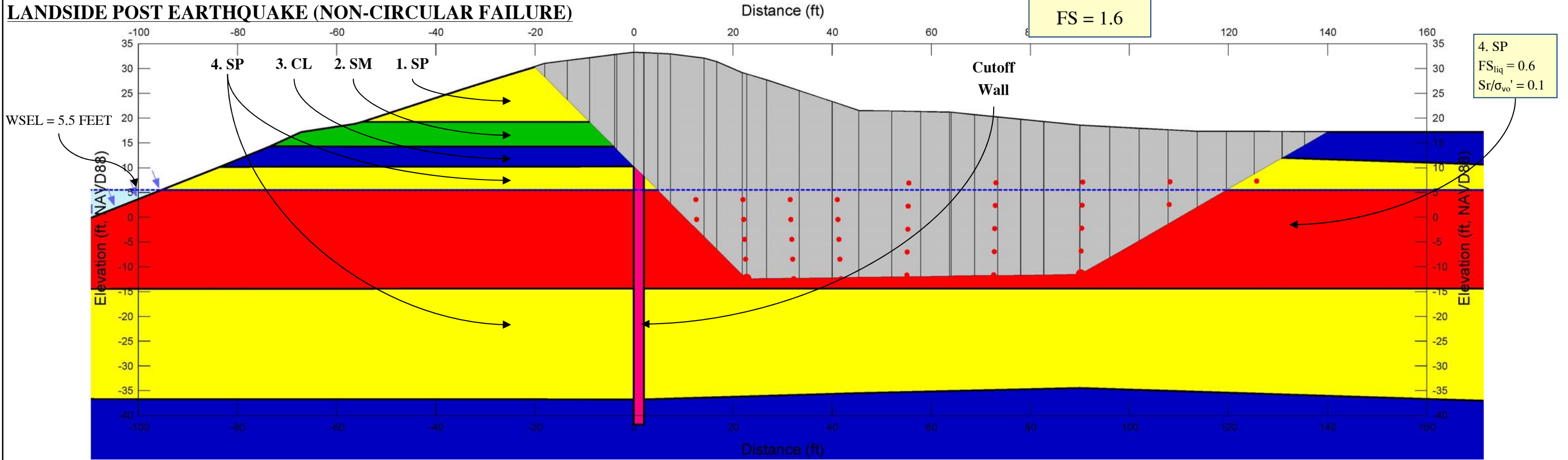
 Expect Excellence	SEISMIC SLOPE STABILITY ANALYSIS REACH M3A - STA 761+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-56-I
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: CC	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)

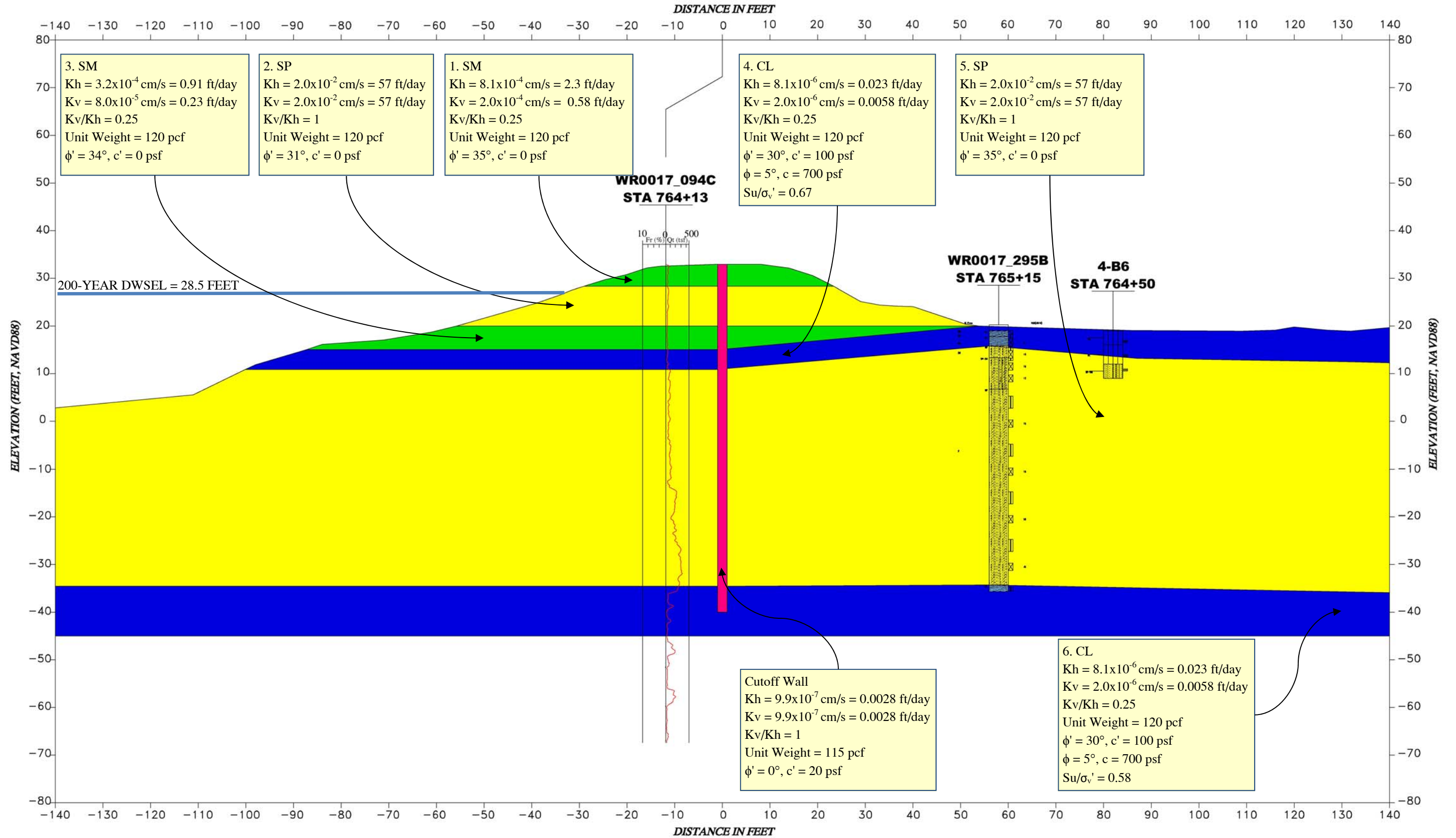


LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



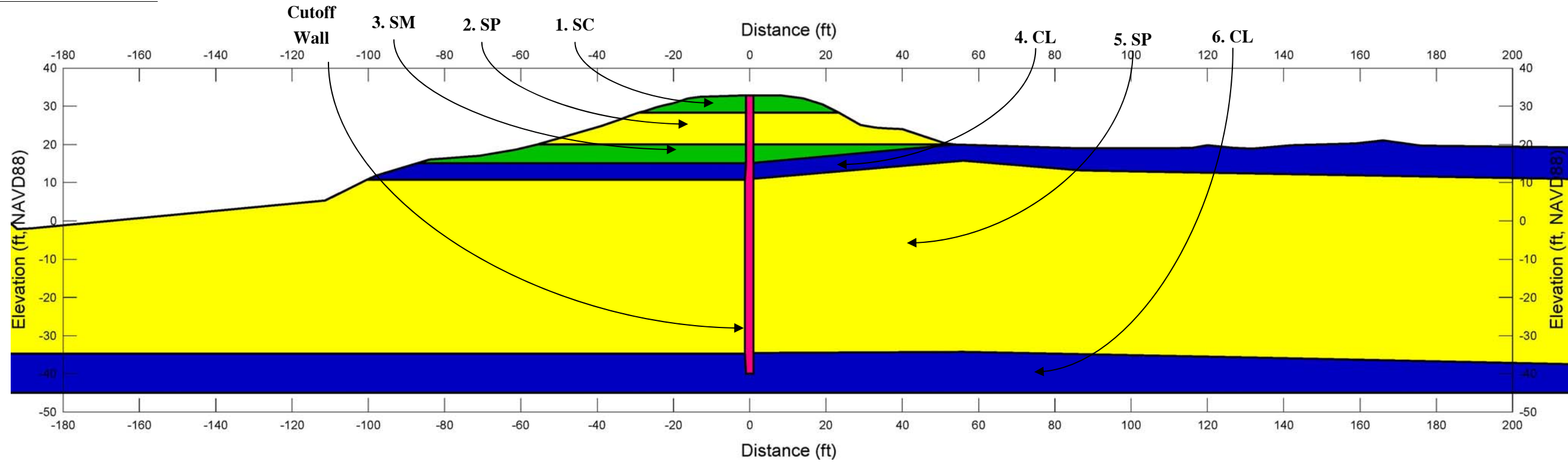
CROSS SECTION & MATERIAL PARAMETERS
 REACH M3B - STA 764+13
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	AL

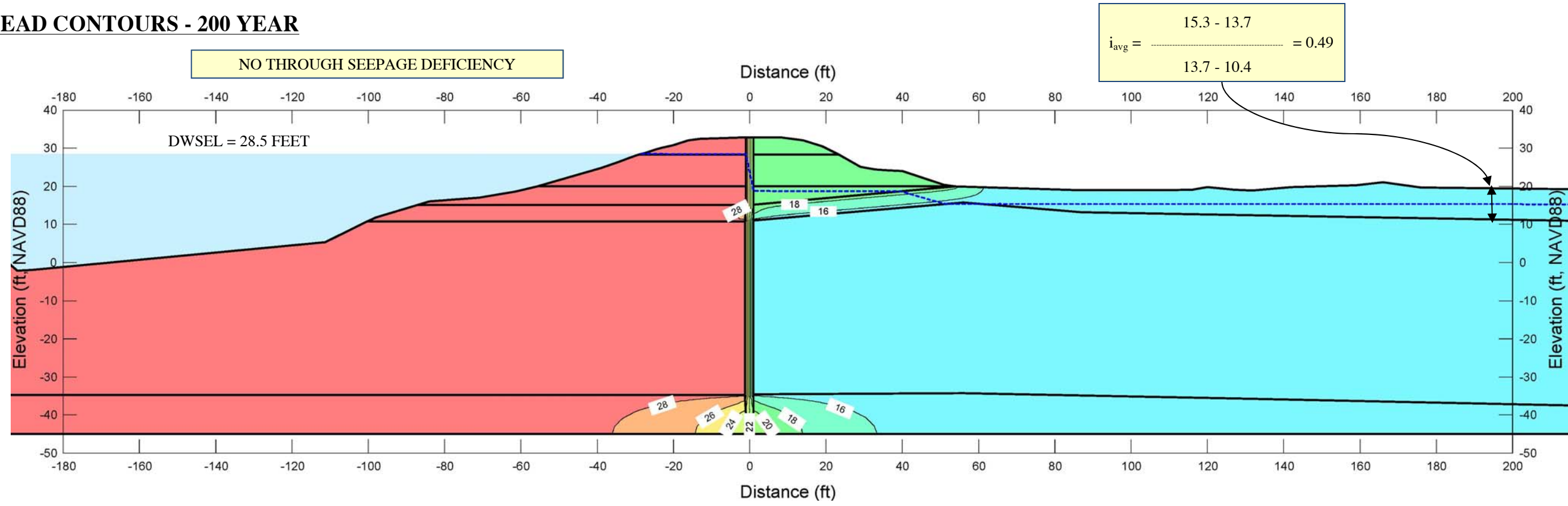
FIGURE NO.
E-57-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



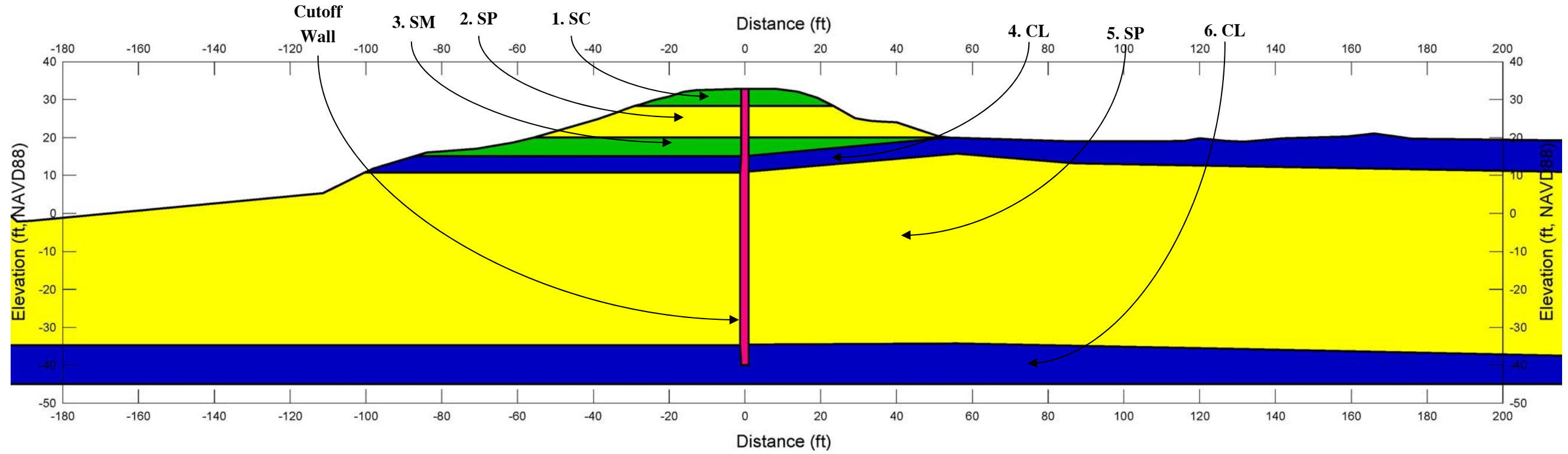
TOTAL HEAD CONTOURS - 200 YEAR



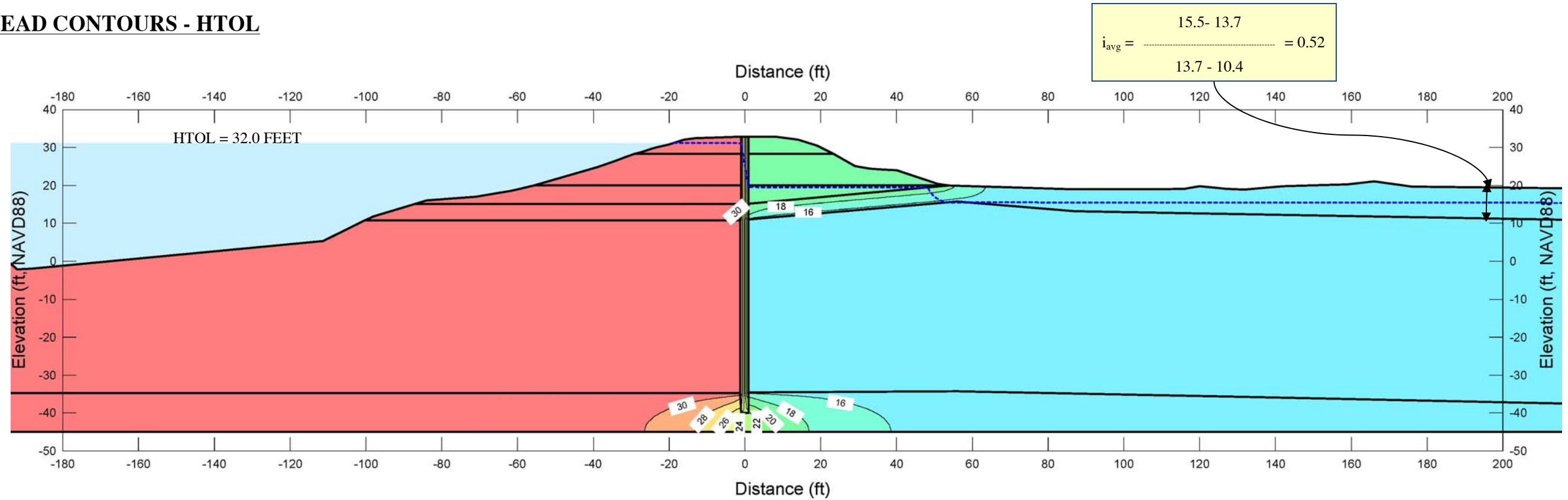
	SEEPAGE ANALYSIS REACH M3B - STA 764+13 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-57-B
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

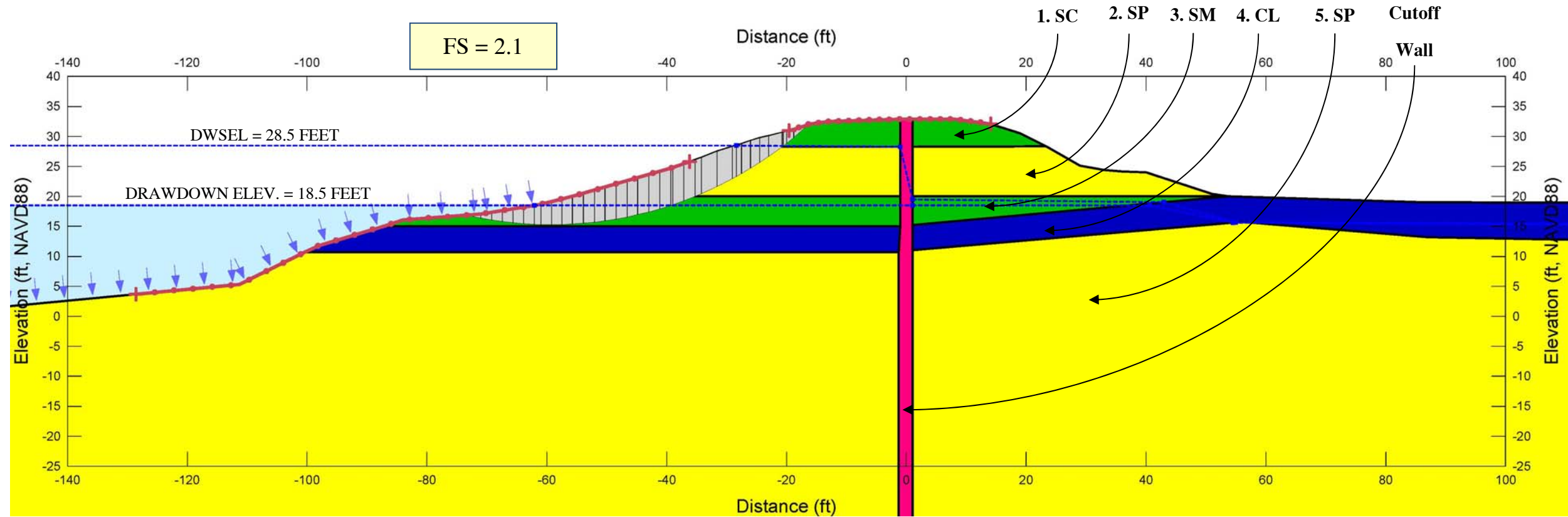


SEEPAGE ANALYSIS
 REACH M3B - STA 764+13
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

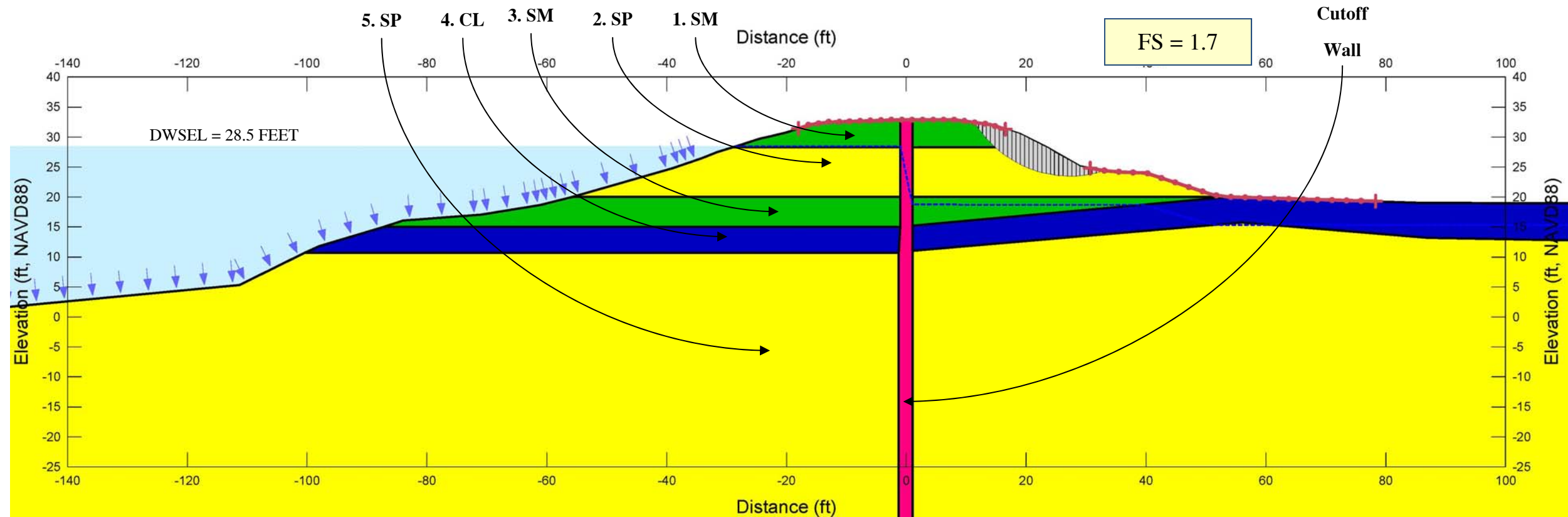
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-57-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR

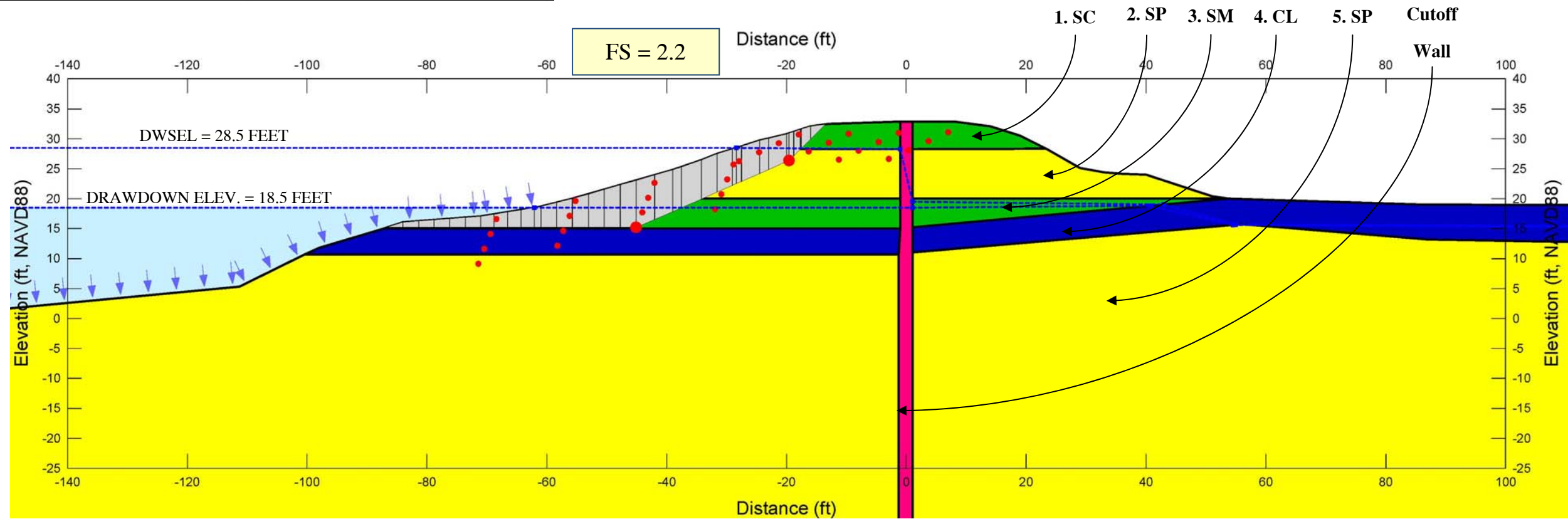


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

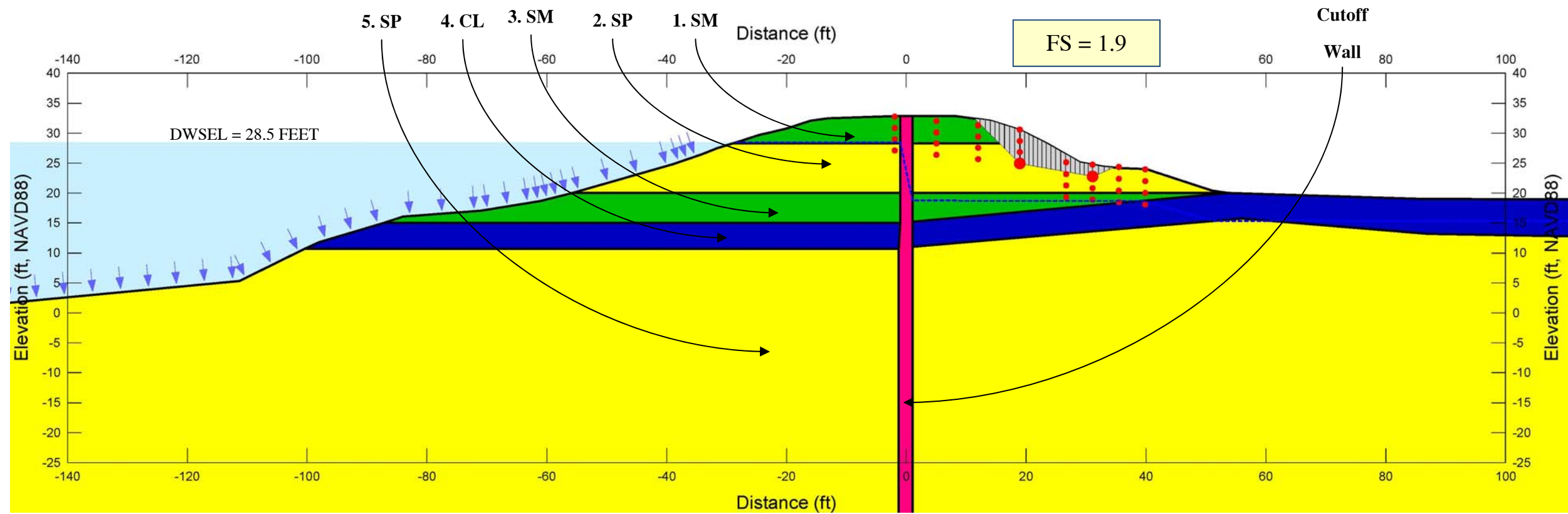
	STATIC SLOPE STABILITY ANALYSIS REACH M3B - STA 764+13 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-57-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)

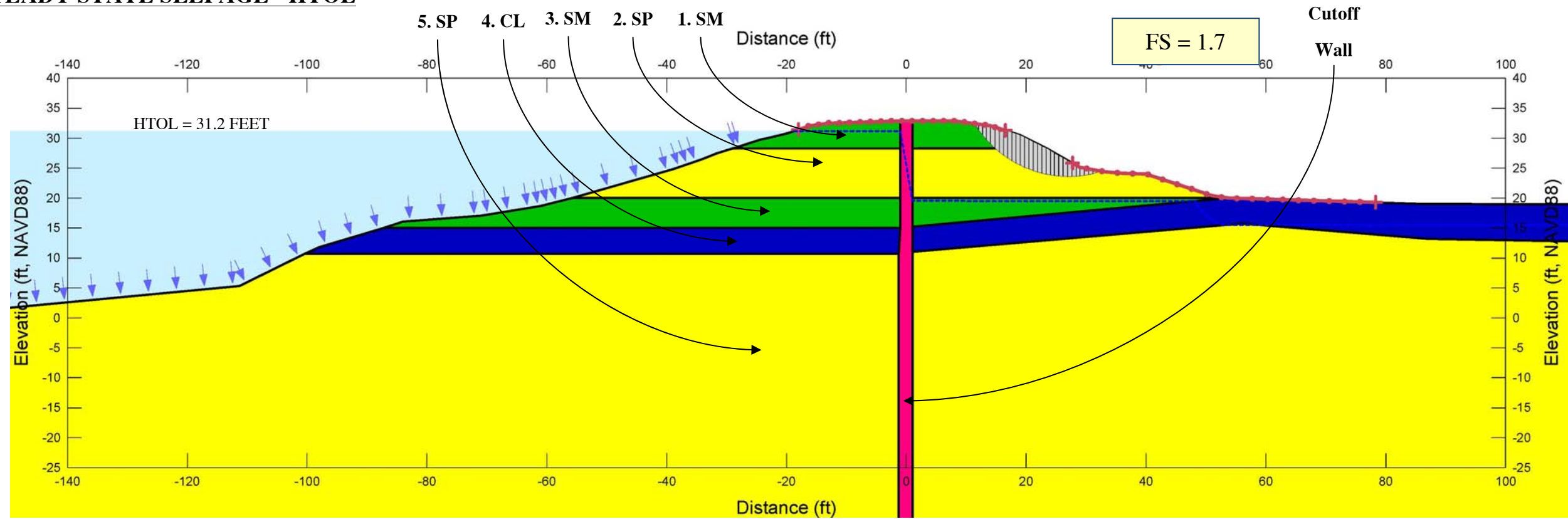


STATIC SLOPE STABILITY ANALYSIS
REACH M3B - STA 764+13
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

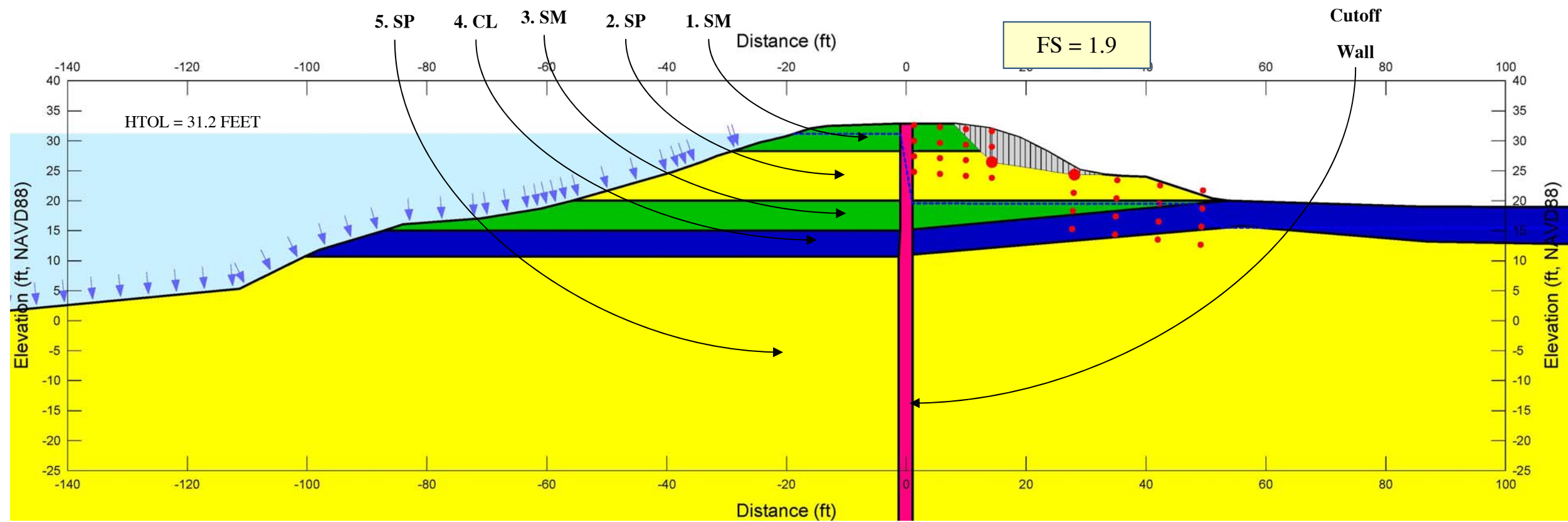
PROJECT NO.: 5747.005.000	FIGURE NO.
SCALE: NO SCALE	E-57-E
DRAWN BY: BA	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

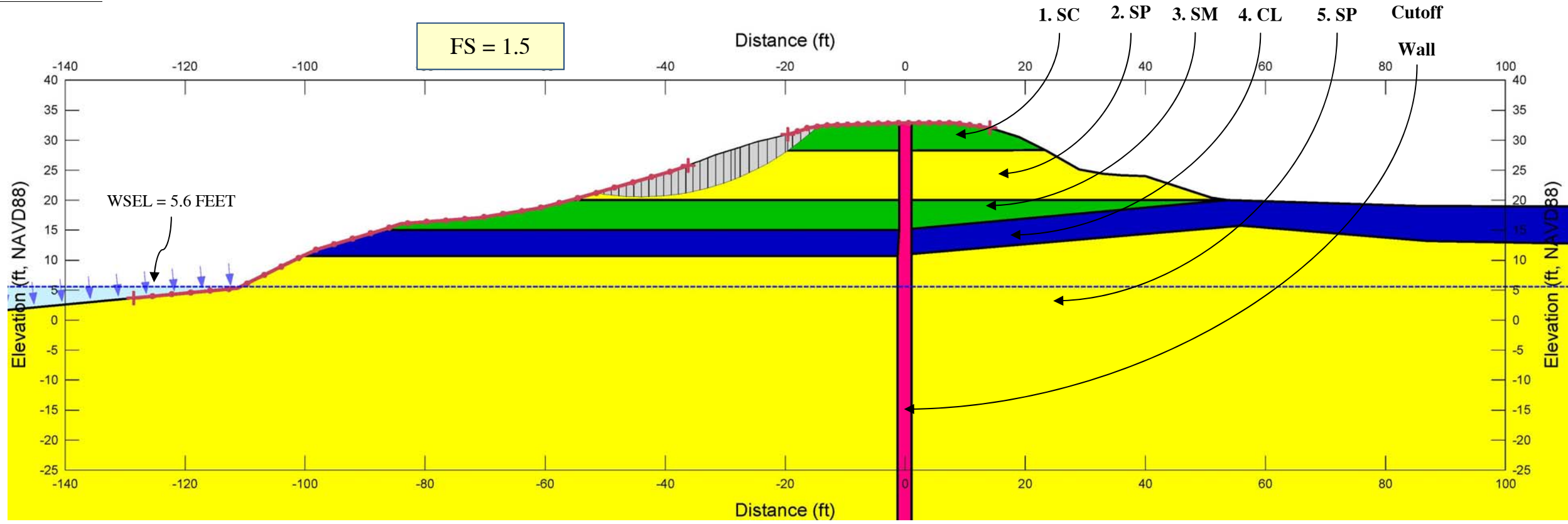
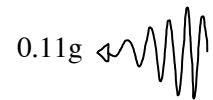


STATIC SLOPE STABILITY ANALYSIS
REACH M3B - STA 764+13
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

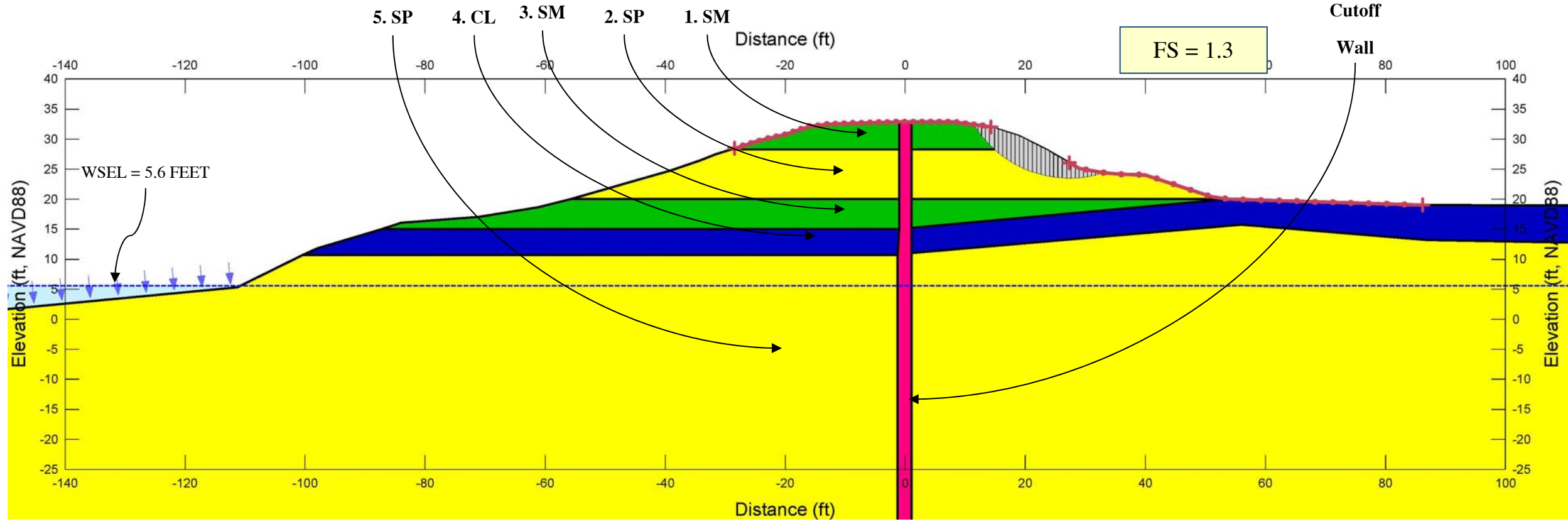
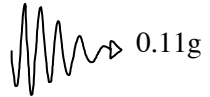
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-57-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



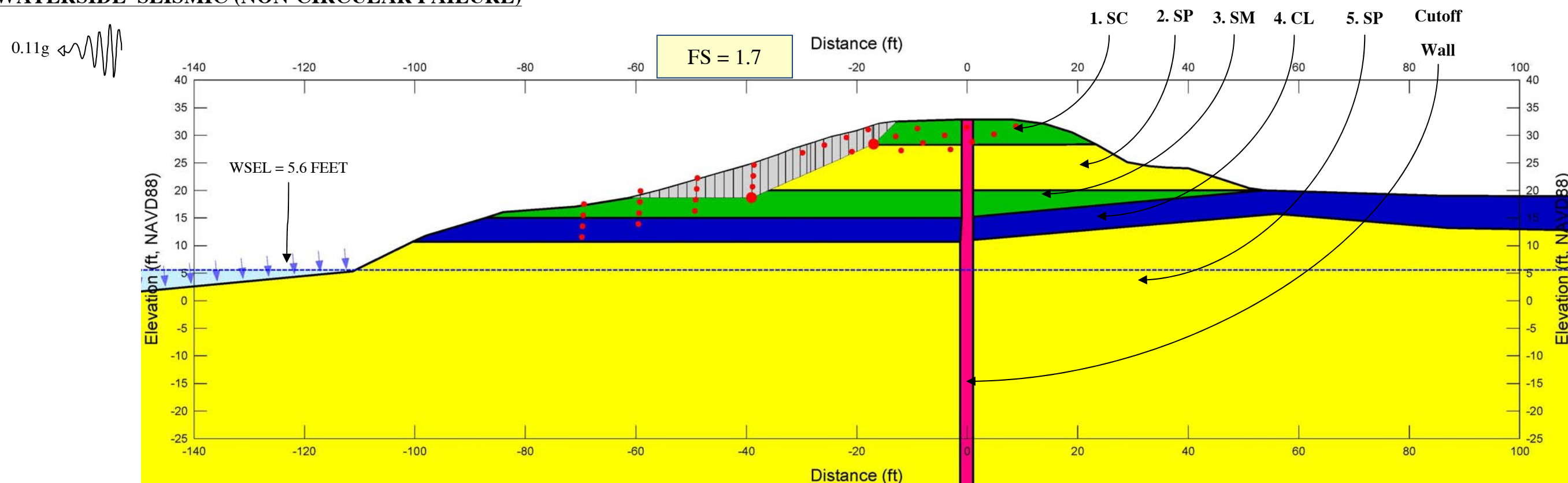
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 764+13
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

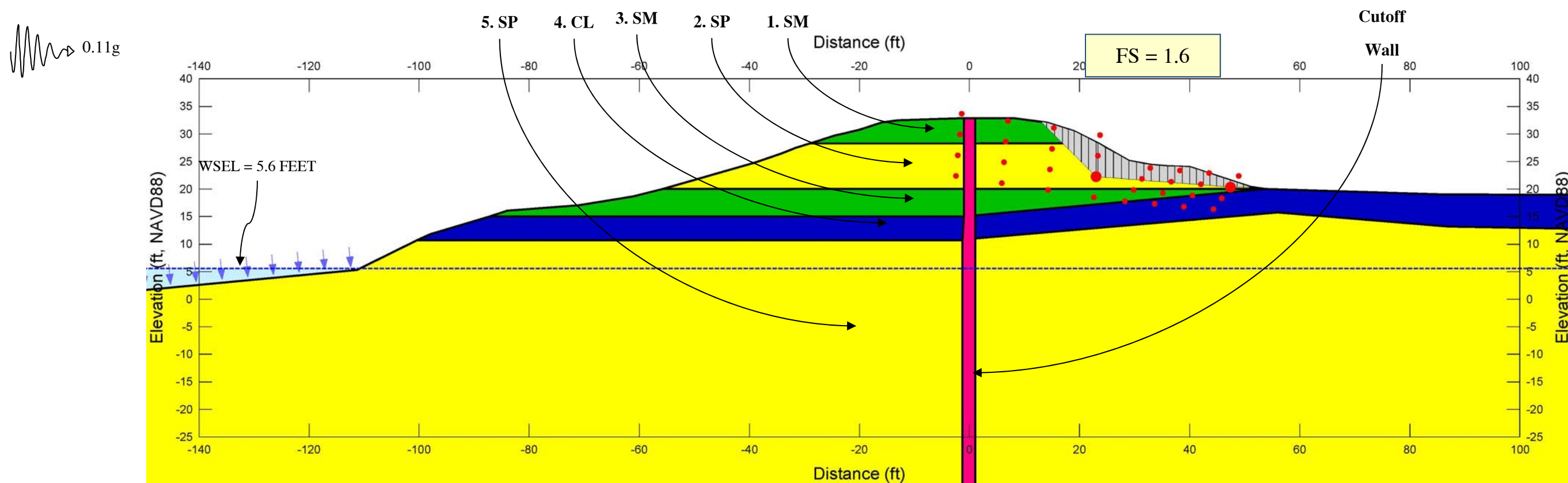
FIGURE NO.
E-57-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



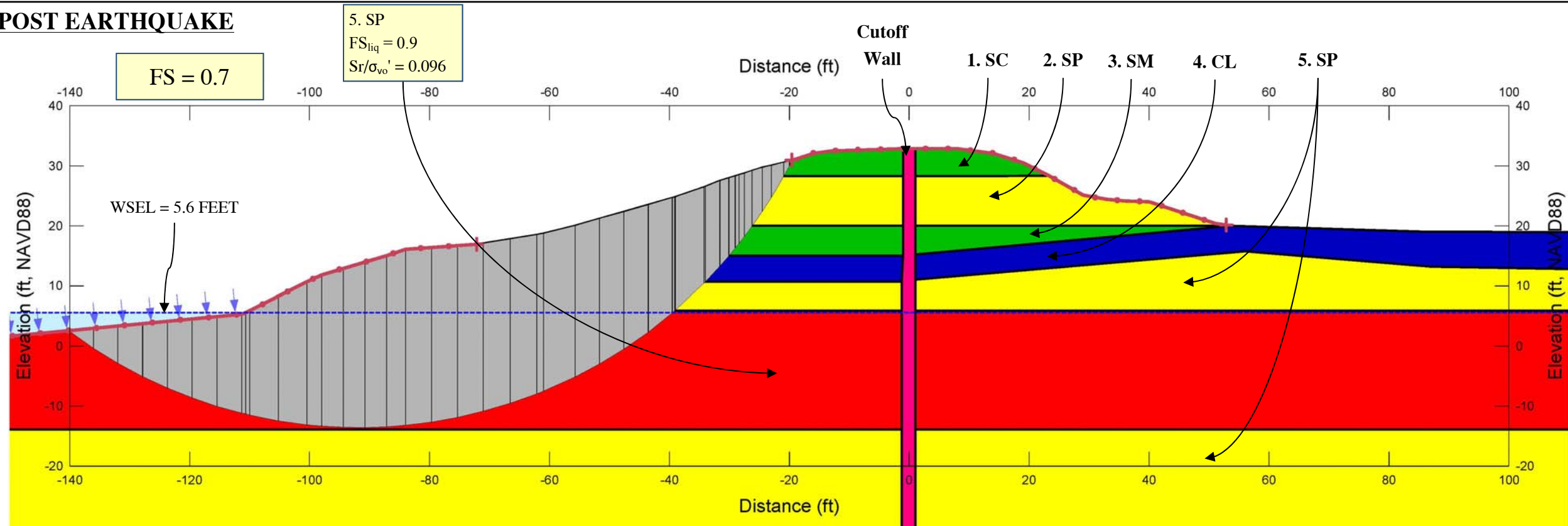
LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



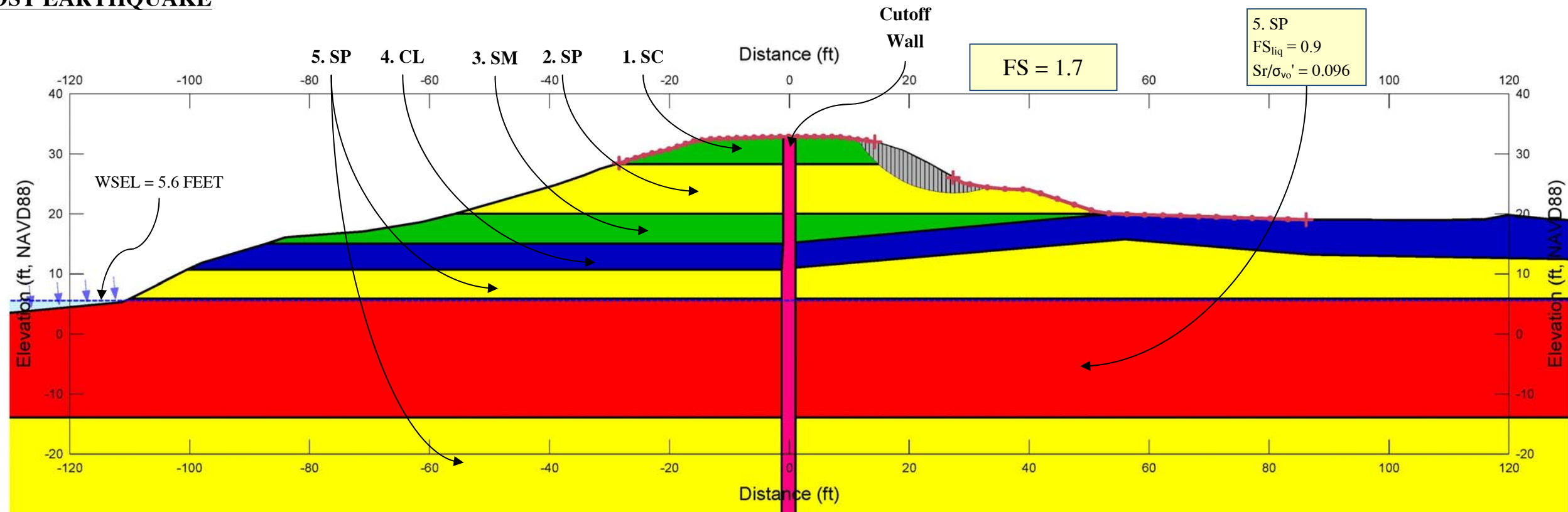
	SEISMIC SLOPE STABILITY ANALYSIS REACH M3B - STA 764+13 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-57-H
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



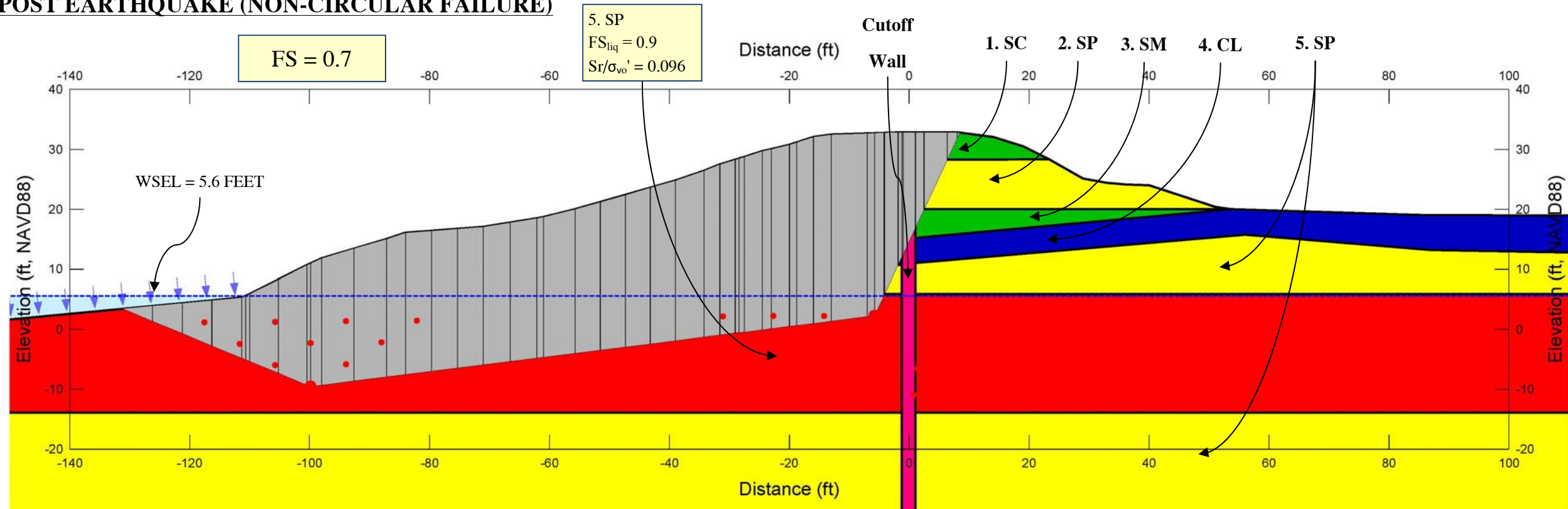
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 764+13
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: CC

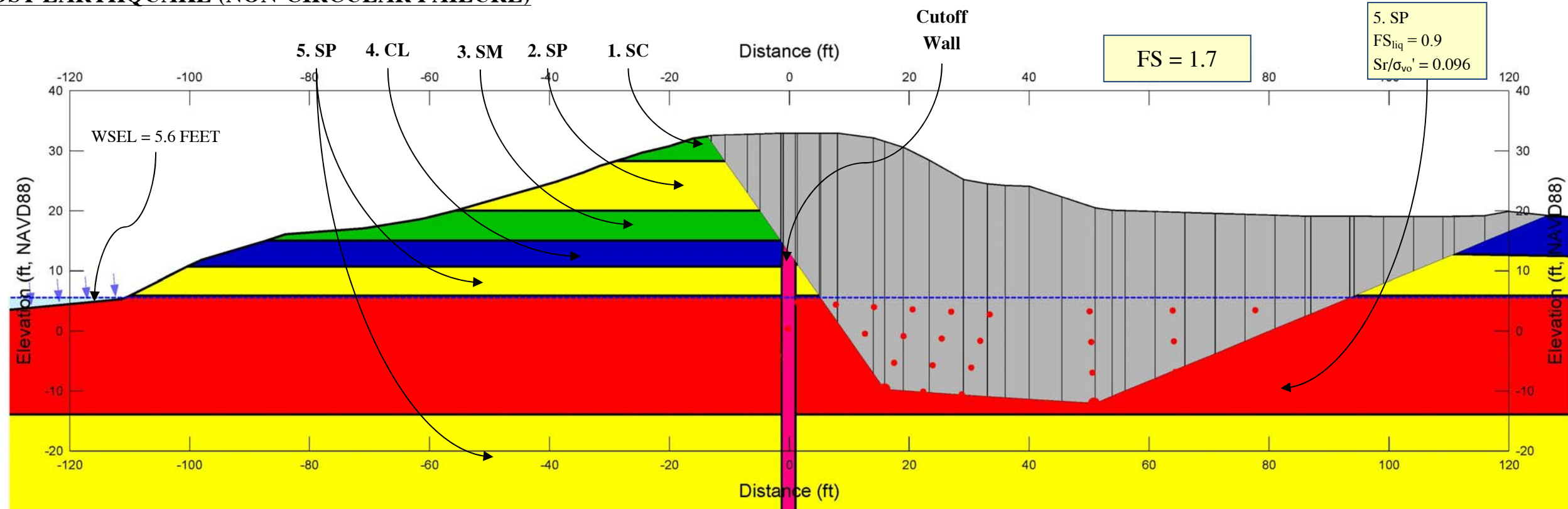
FIGURE NO.
E-57-I


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



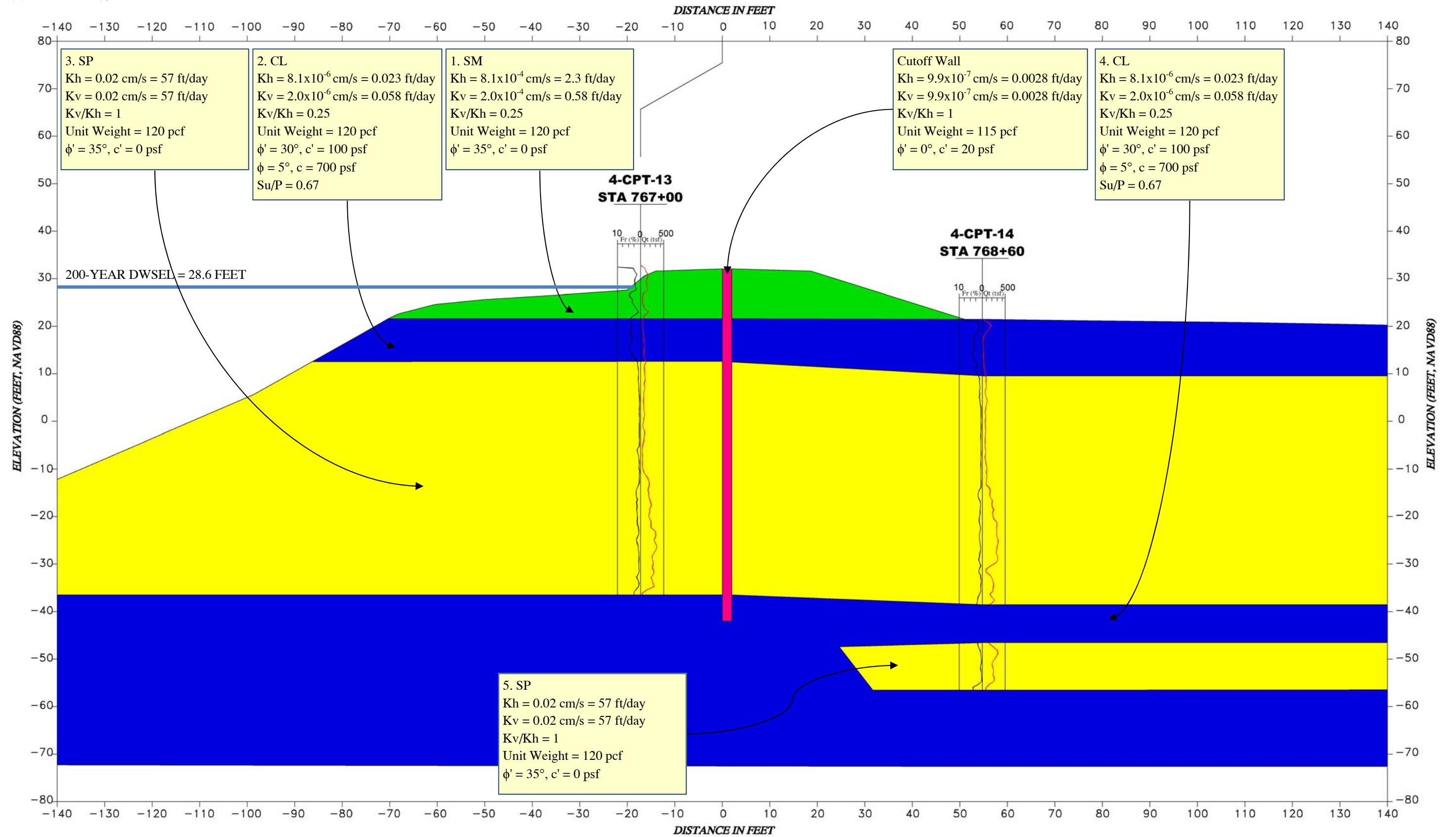
LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



 Expect Excellence	SEISMIC SLOPE STABILITY ANALYSIS REACH M3B - STA 764+13 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-57-J
			SCALE: NO SCALE	
	DRAWN BY: BA	CHECKED BY: CC		

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



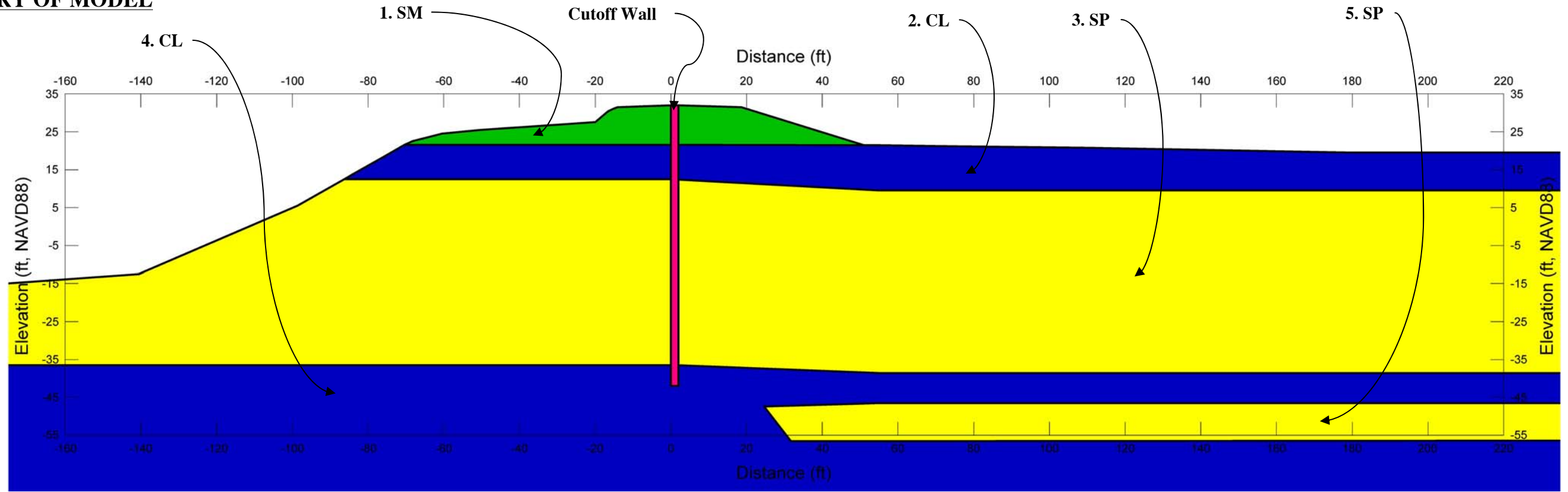
CROSS SECTION & MATERIAL PARAMETERS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZR
CHECKED BY:	JB

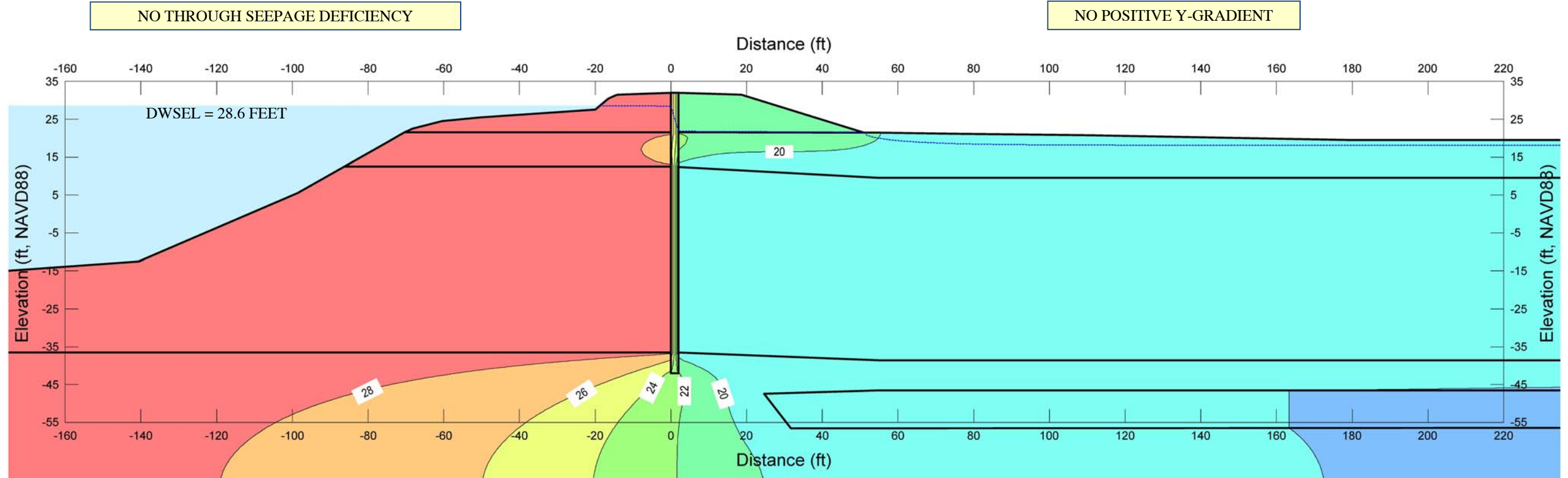
FIGURE NO.
E-58-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



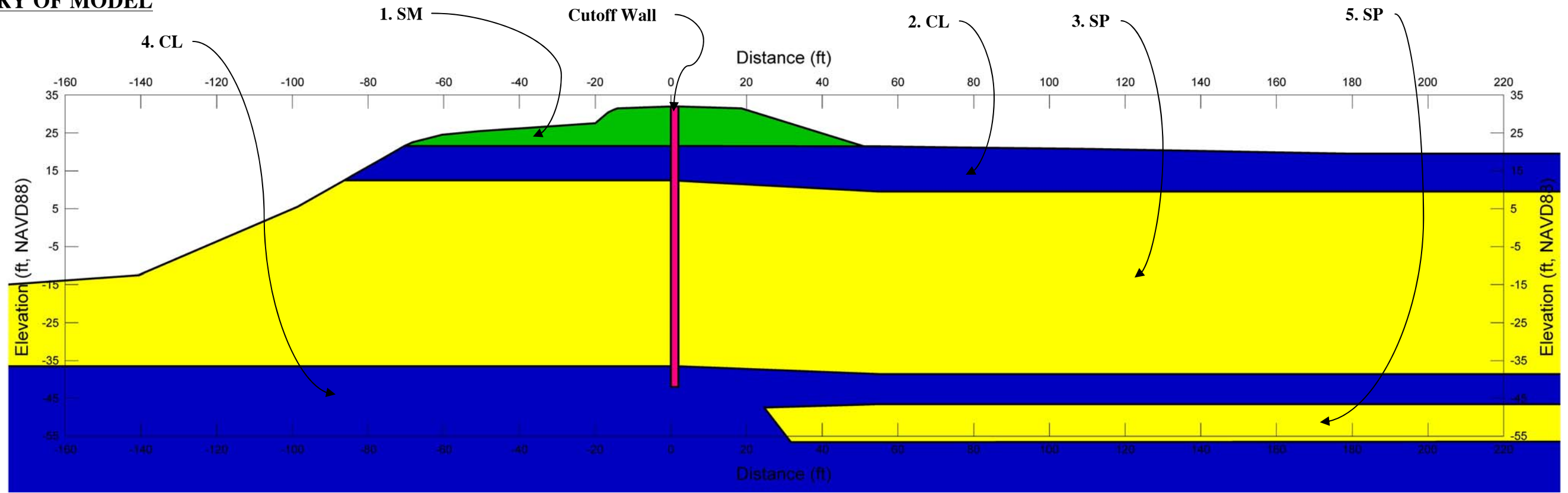
SEEPAGE ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

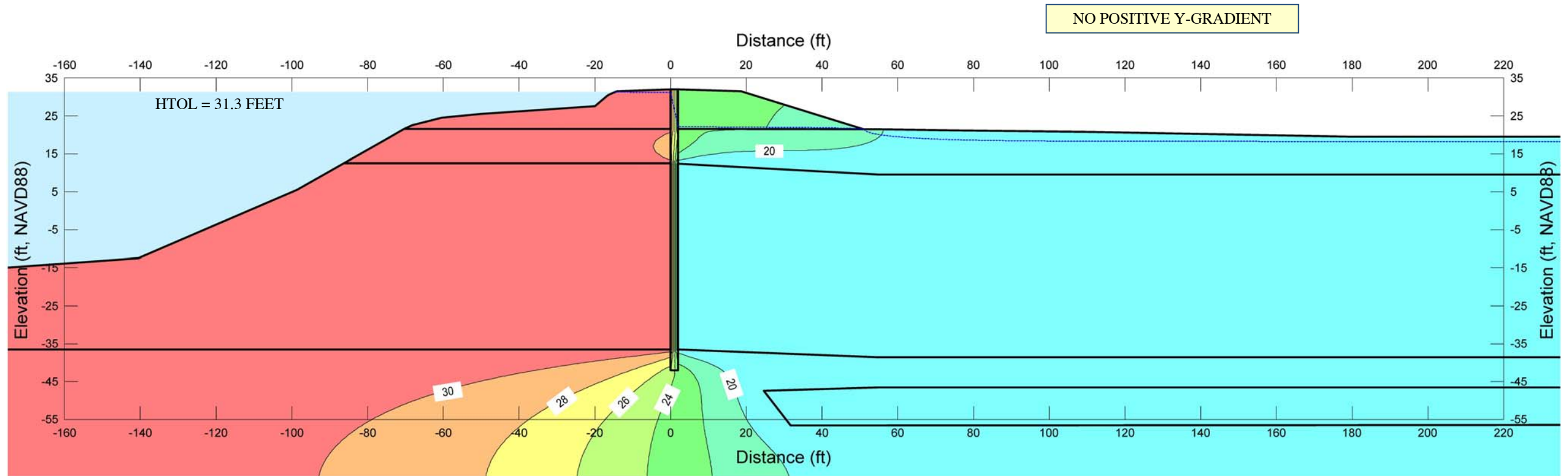
FIGURE NO.
E-58-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



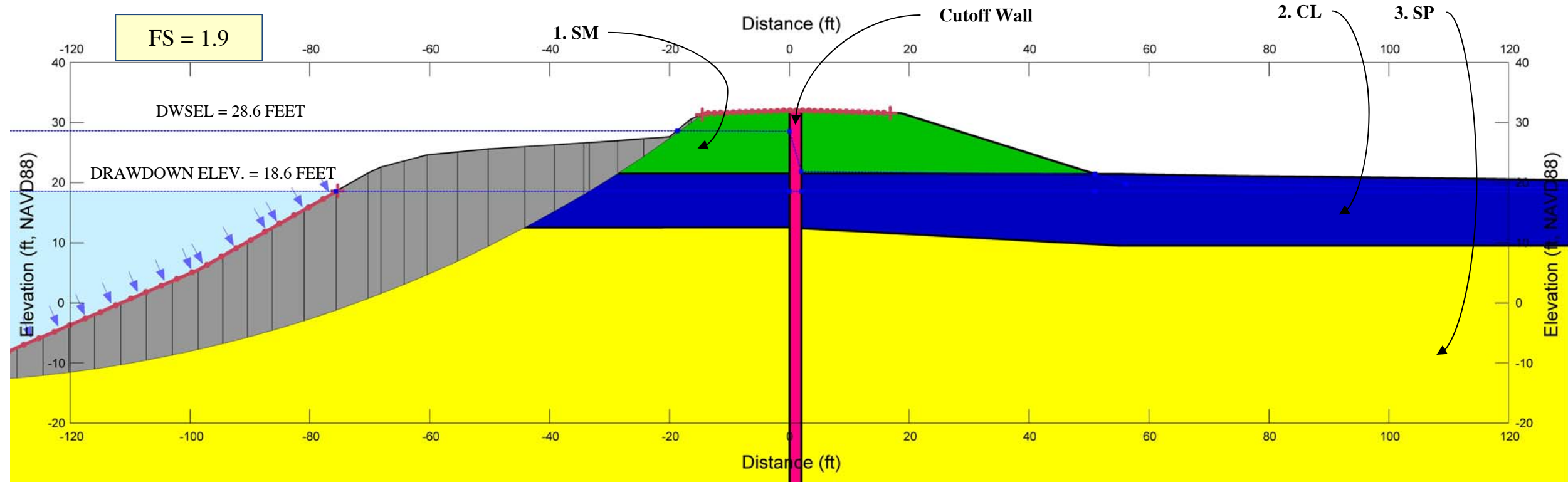
SEEPAGE ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

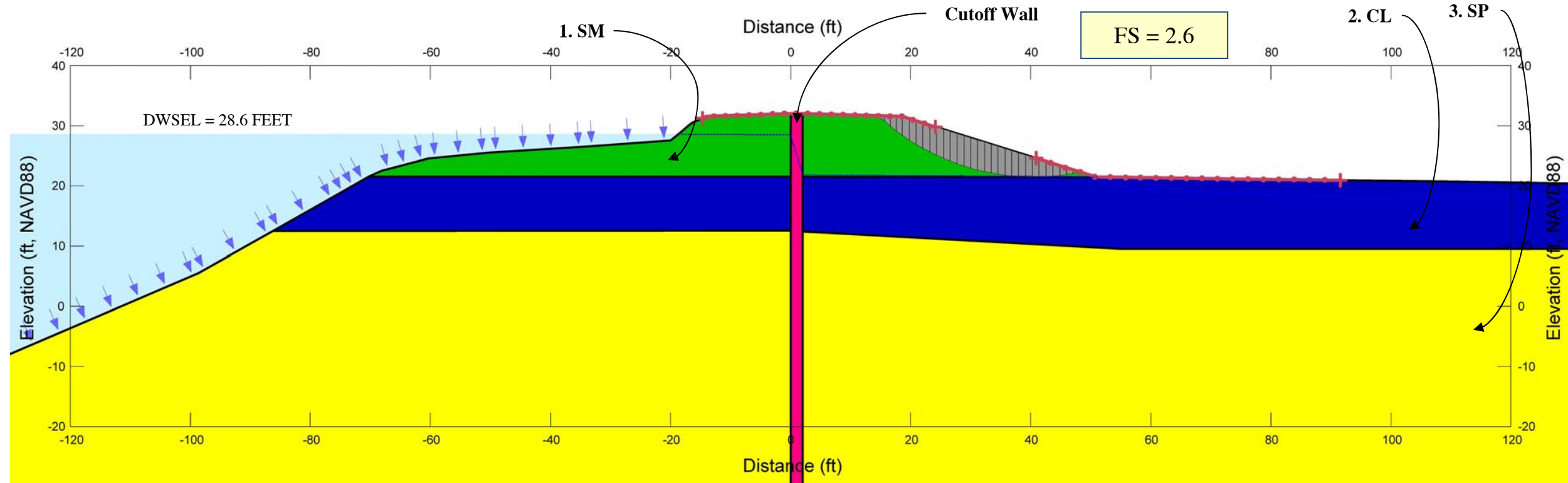
FIGURE NO.
E-58-C


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



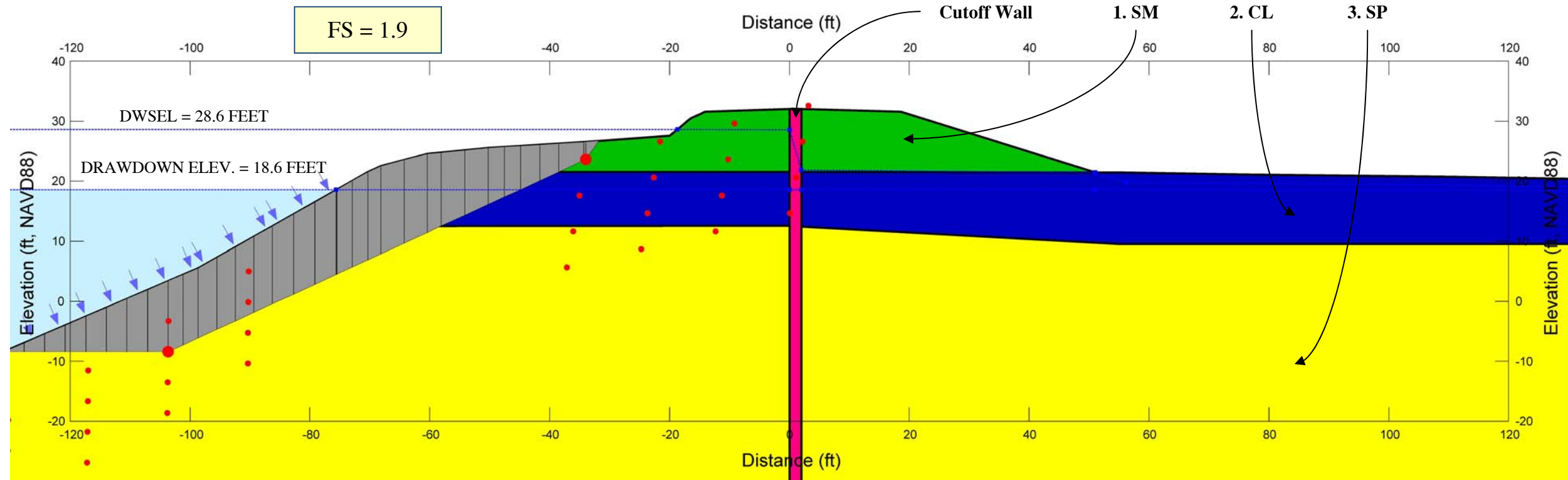
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



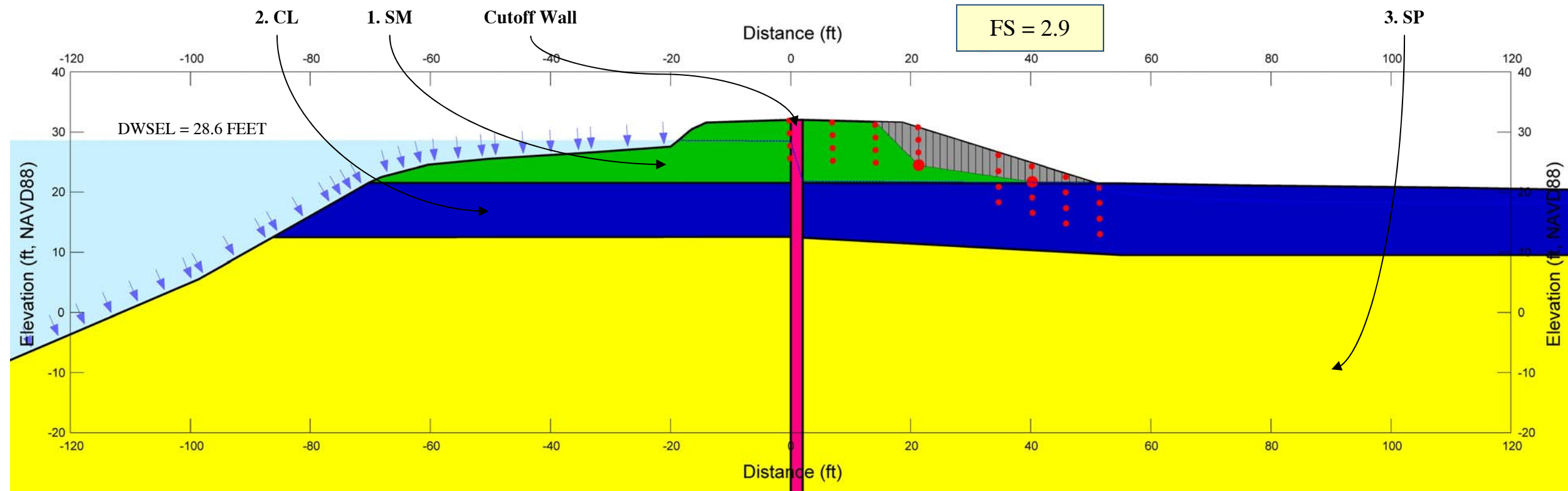
 Expect Excellence	STATIC SLOPE STABILITY ANALYSIS REACH M3B - STA 767+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-58-D
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



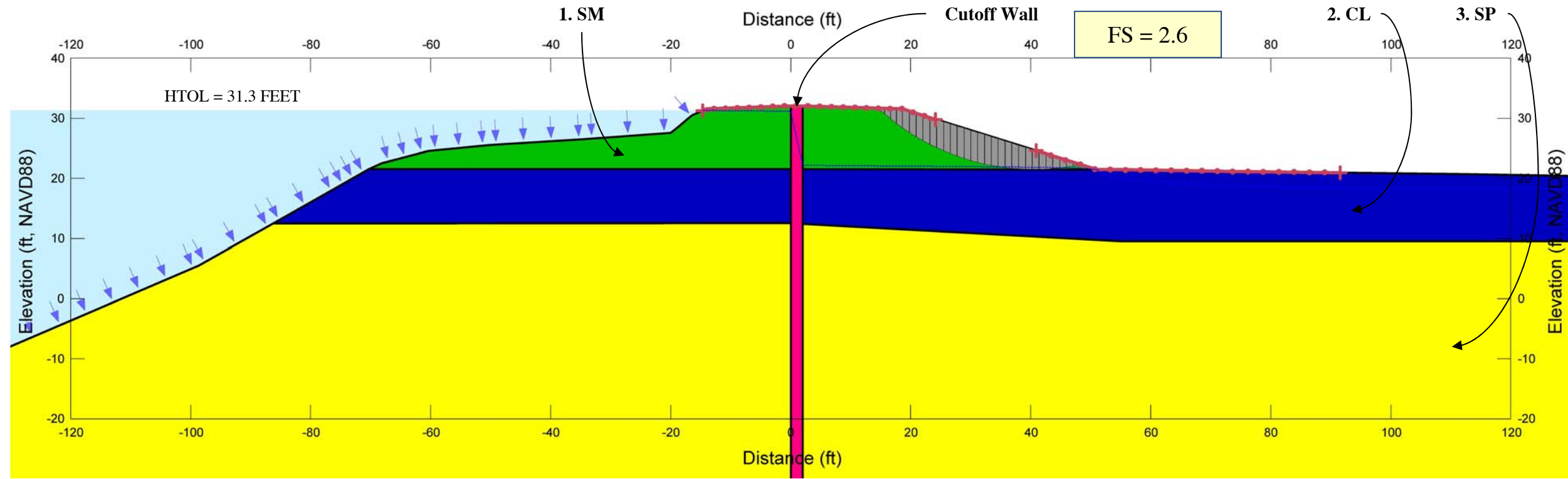
STATIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: ZR	CHECKED BY: NS

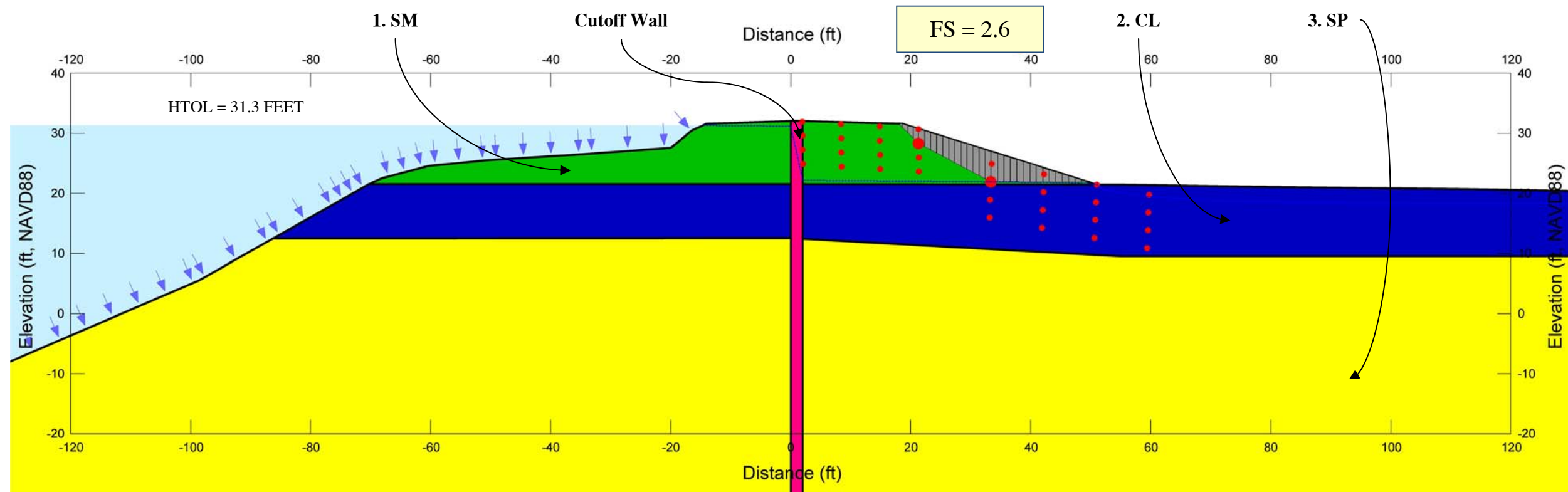
FIGURE NO.
E-58-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

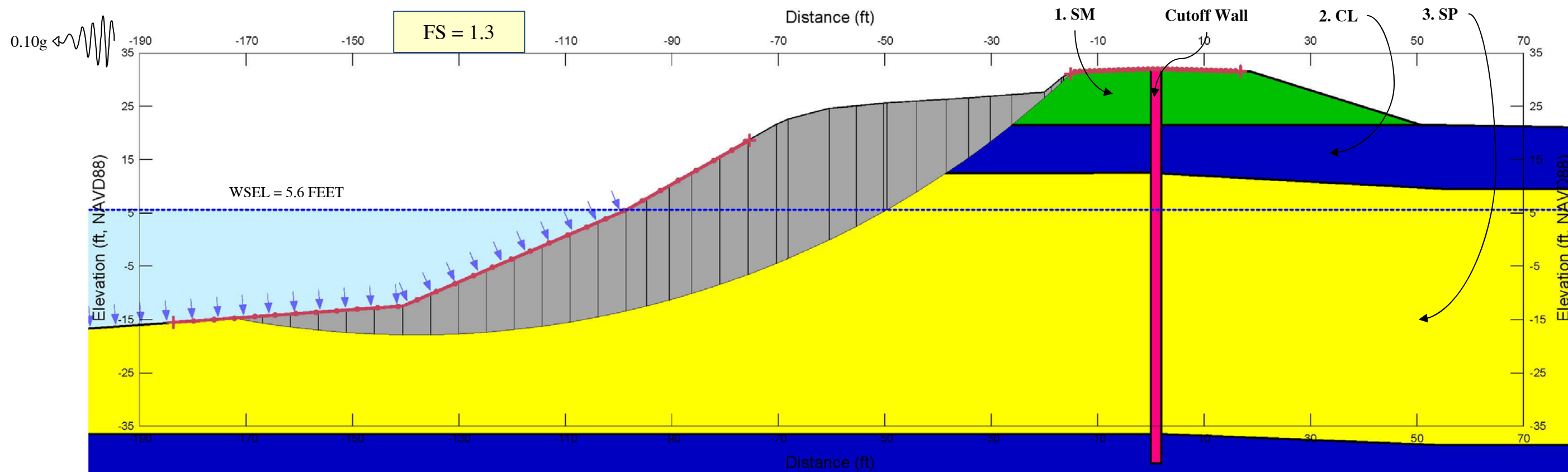


STATIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

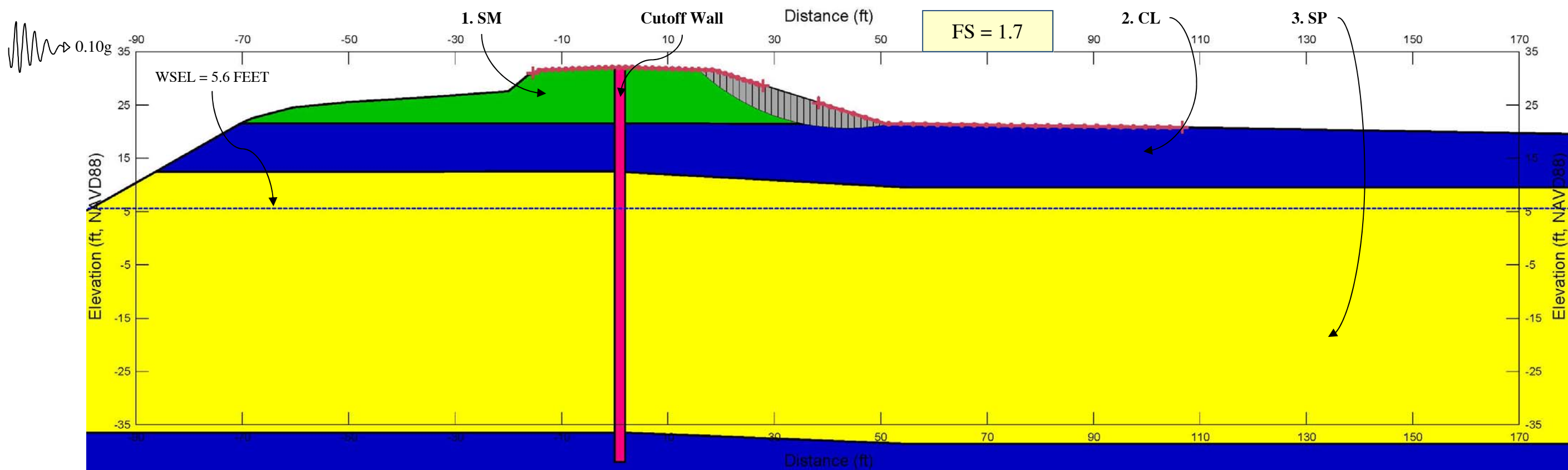
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: ZR	CHECKED BY: NS

FIGURE NO.
E-58-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



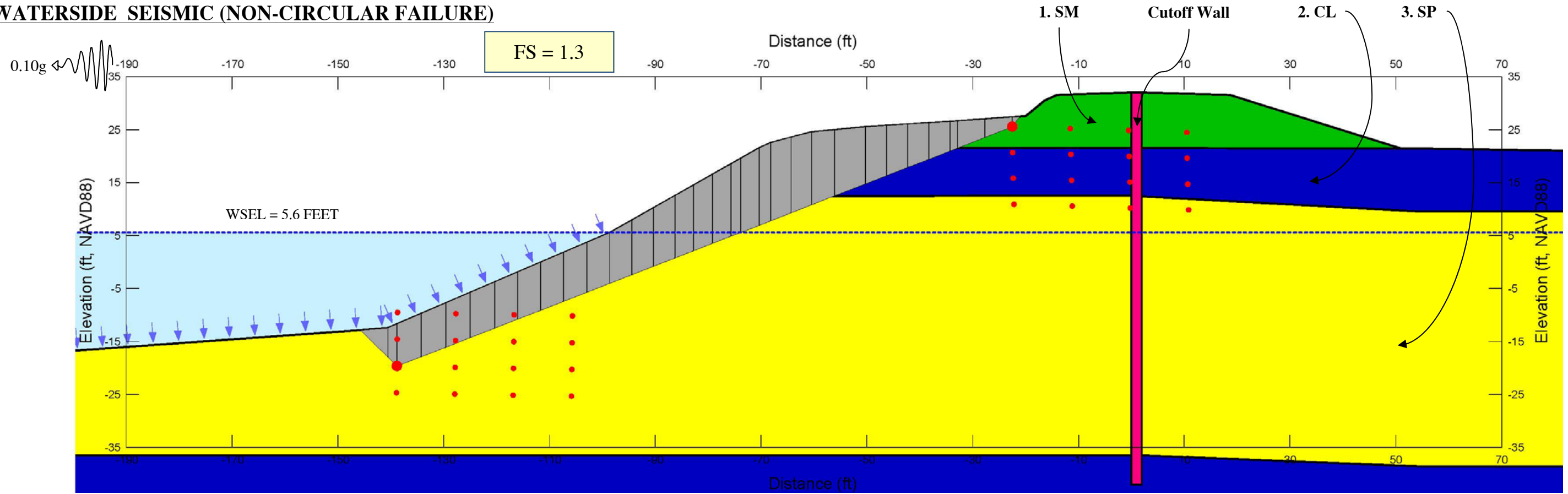
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZR
CHECKED BY:	NS

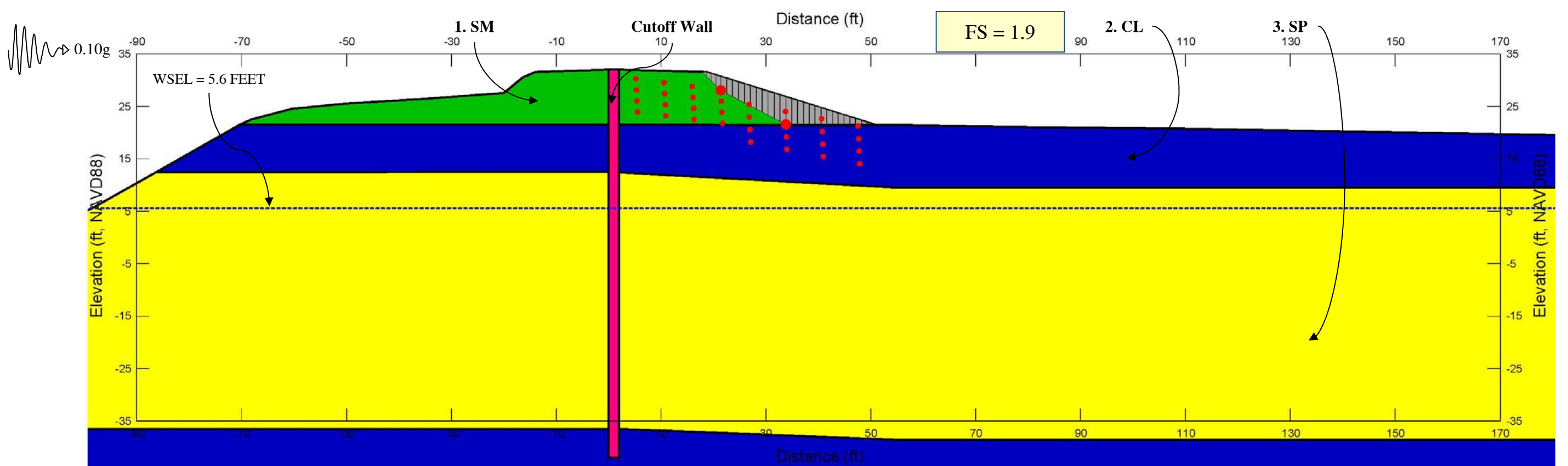
FIGURE NO.
E-58-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



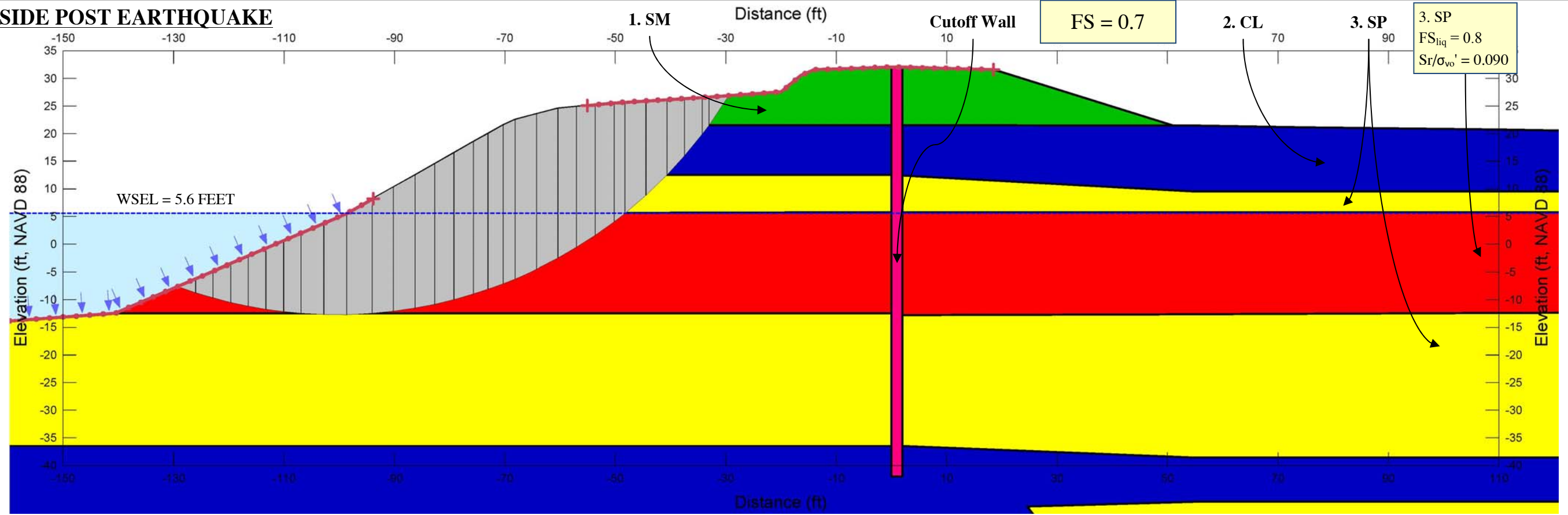
LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



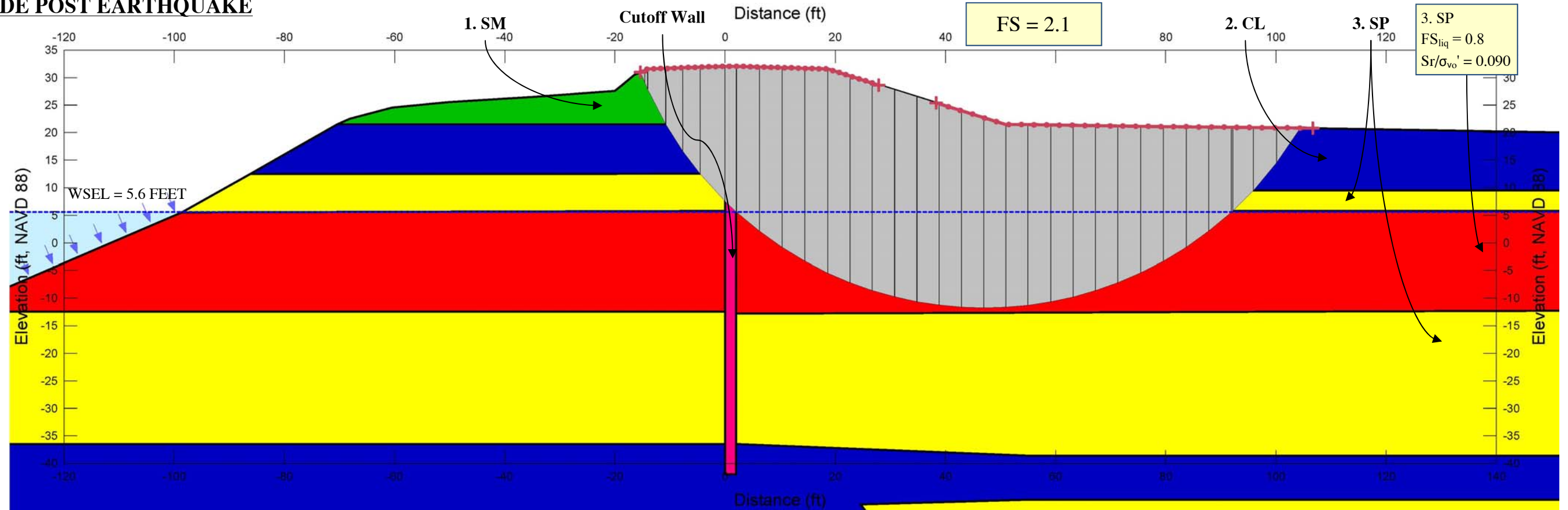
	SEISMIC SLOPE STABILITY ANALYSIS		PROJECT NO.: 5747.005.000	FIGURE NO. E-58-H
	REACH M3B - STA 767+00		SCALE: NO SCALE	
	RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		DRAWN BY: ZR CHECKED BY: NS	


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



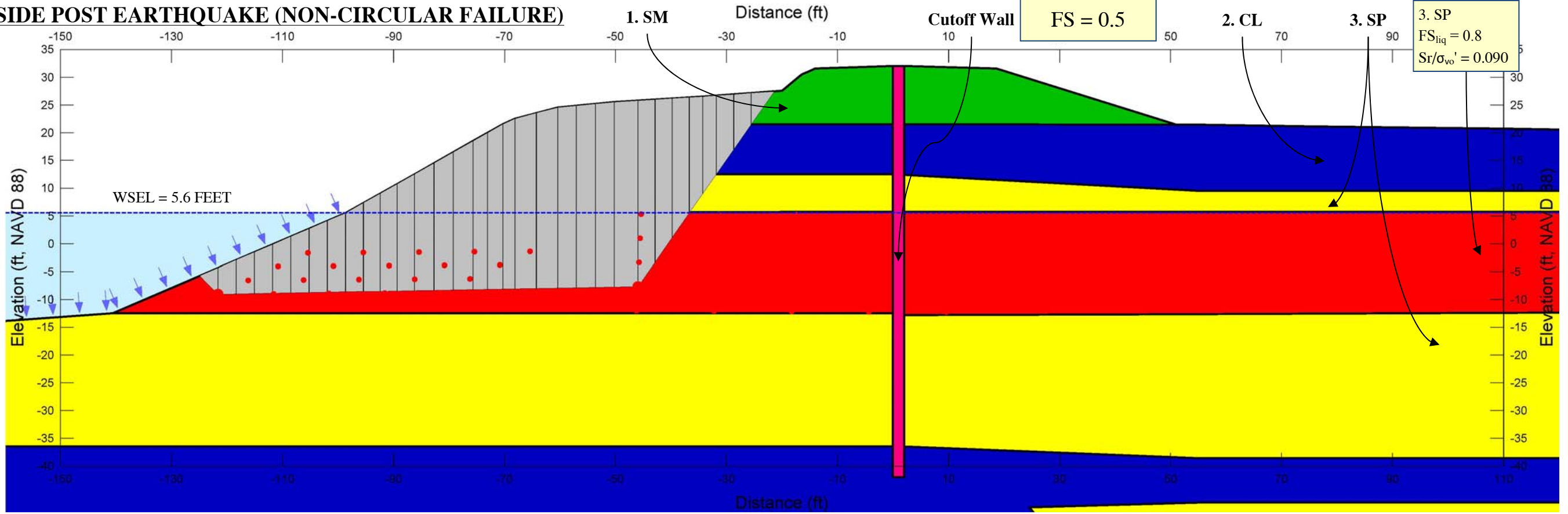
LANDSIDE POST EARTHQUAKE



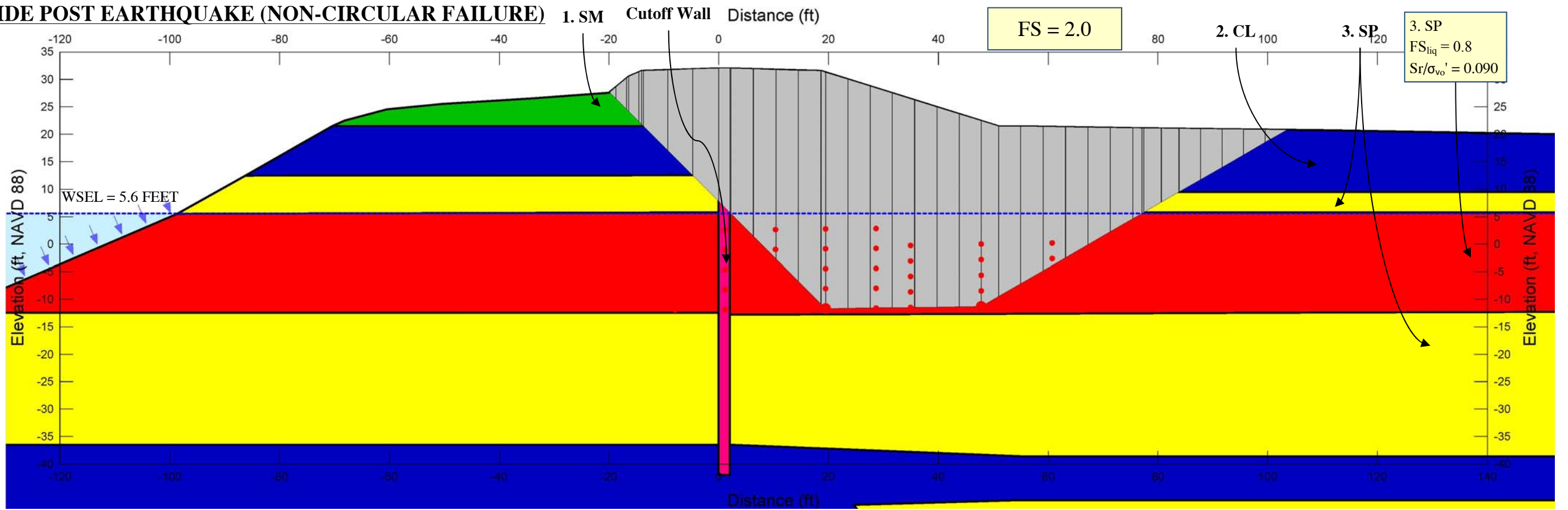
 <p>Expect Excellence</p>	SEISMIC SLOPE STABILITY ANALYSIS REACH M3B - STA 767+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-58-I
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: CC	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



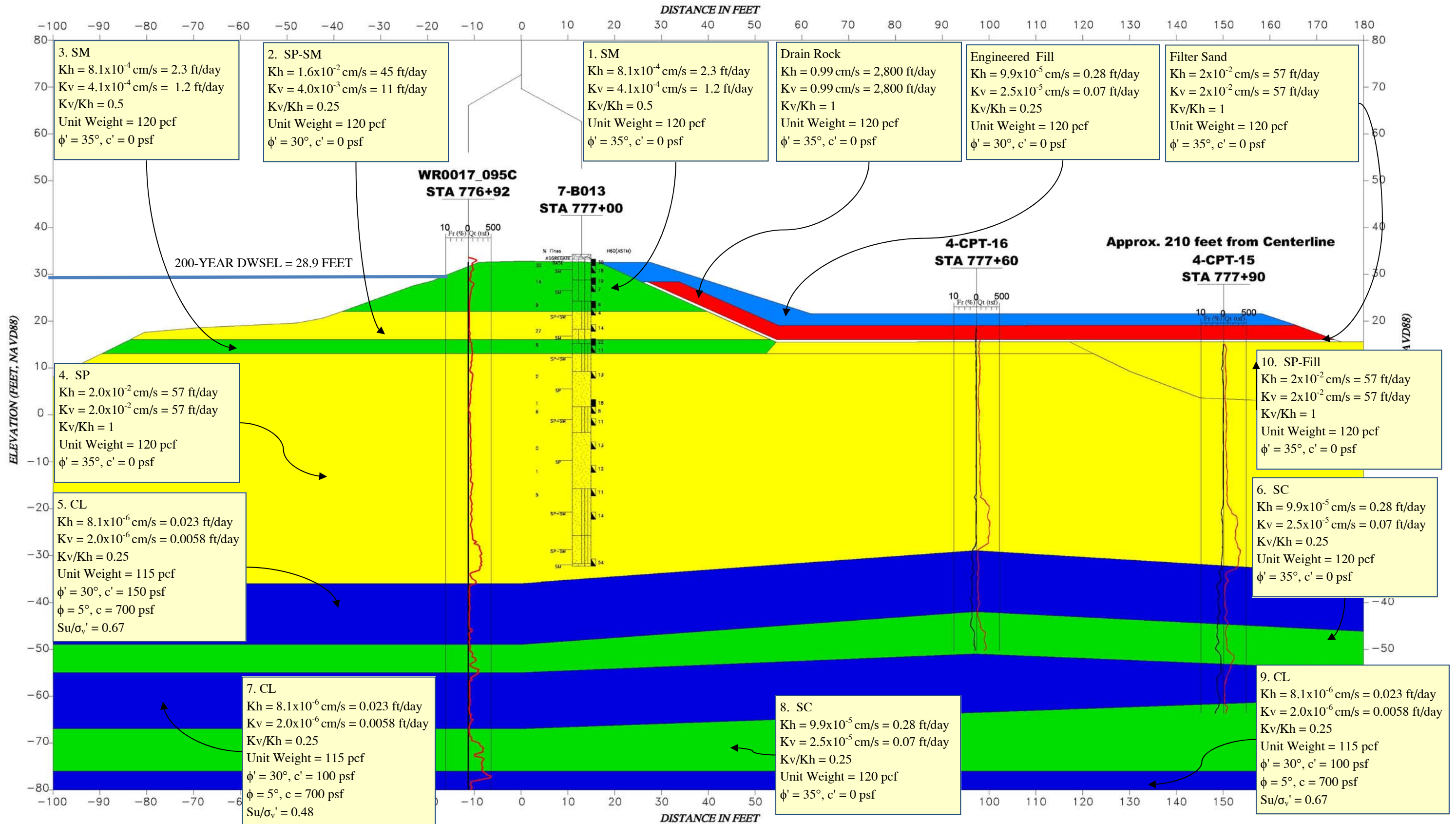
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3B - STA 767+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC


FIGURE NO.
E-58-J

WATERSIDE

LANDSIDE

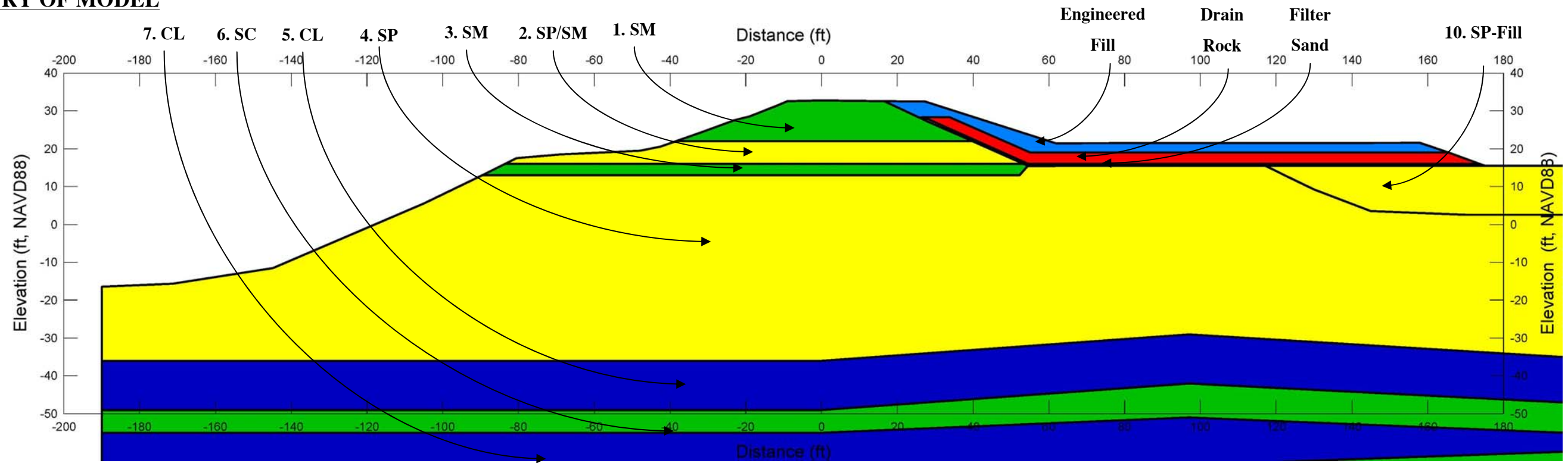


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

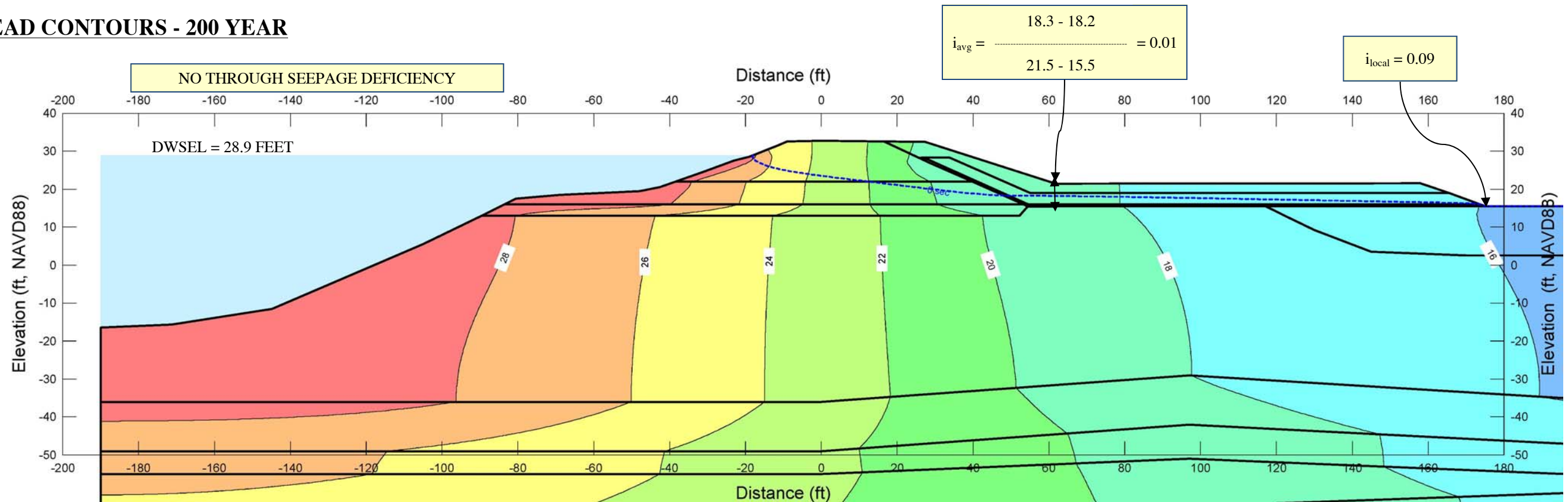
 <p>Expect Excellence</p>	CROSS SECTION & MATERIAL PARAMETERS REACH M3C - STA 777+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-59-A
	SCALE: NO SCALE		DRAWN BY: BA	CHECKED BY: JB

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



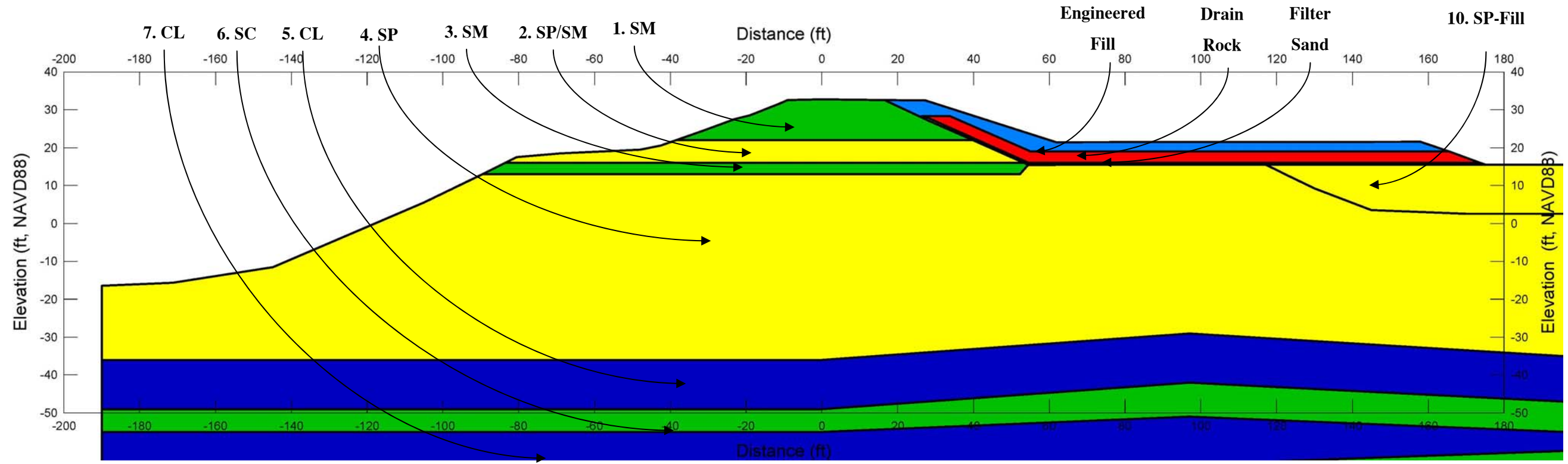
SEEPAGE ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

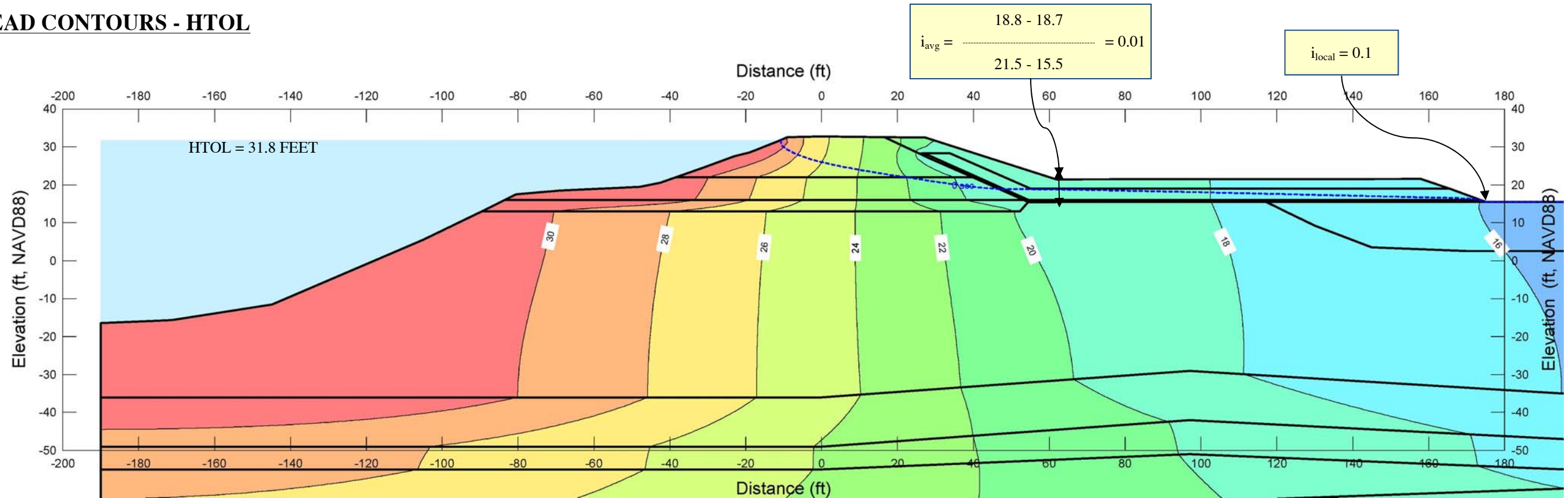
FIGURE NO.
 E-59-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



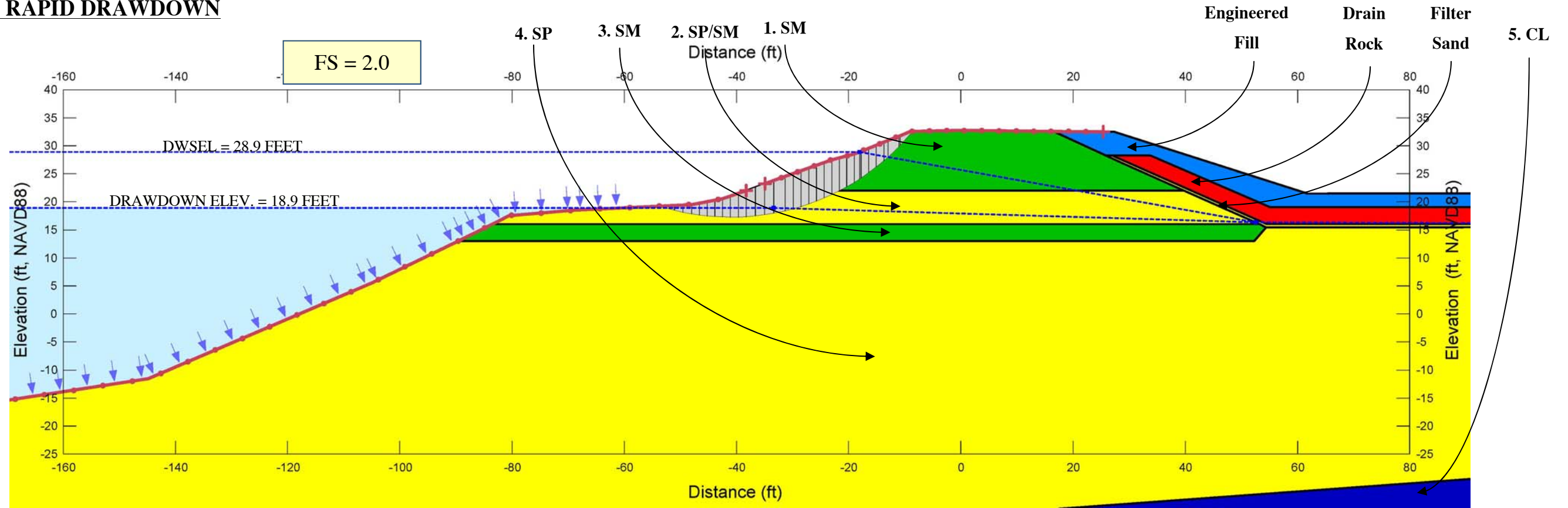
SEEPAGE ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

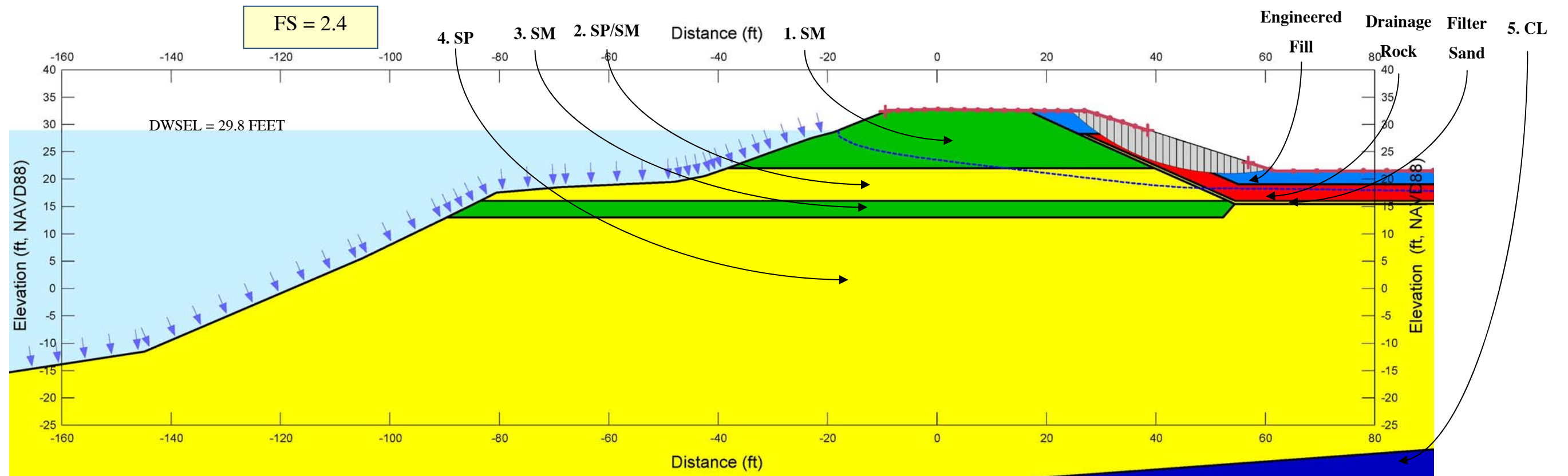
FIGURE NO.
E-59-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



10/16/2015 2:30 PM



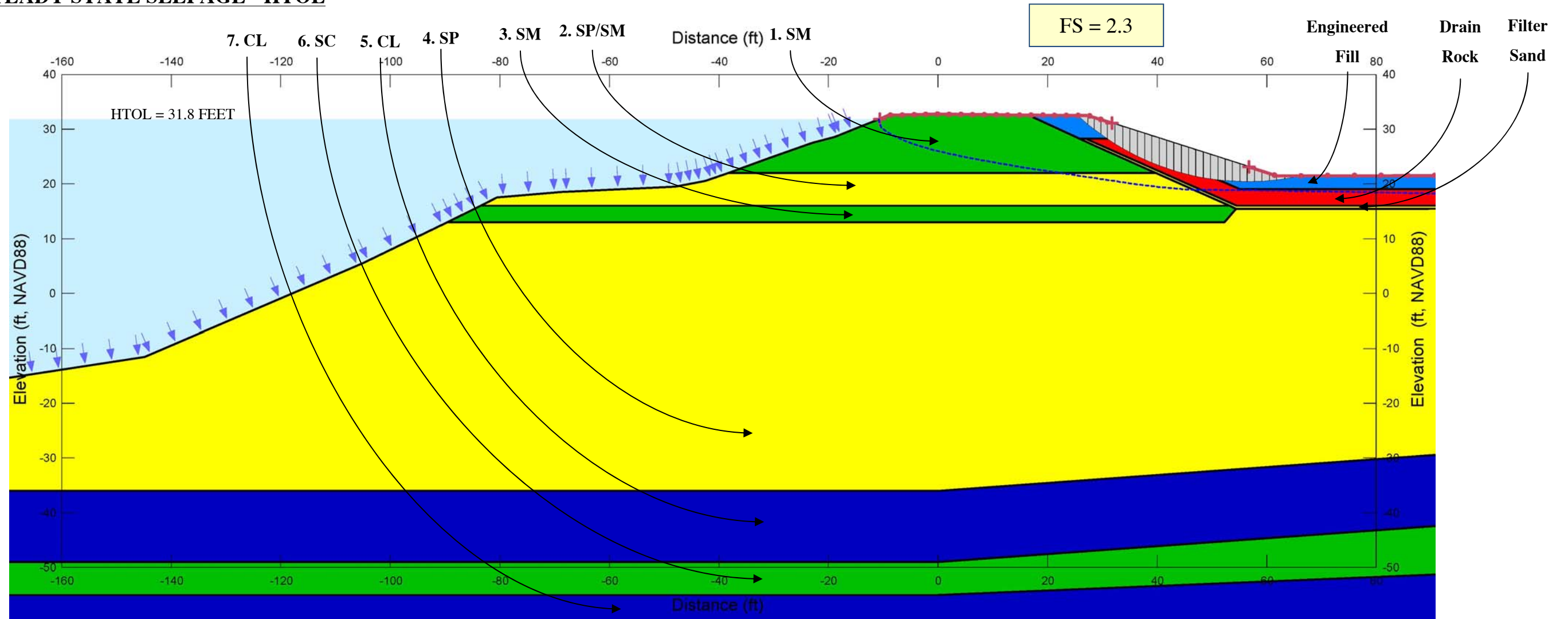
STATIC SLOPE STABILITY ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-59-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



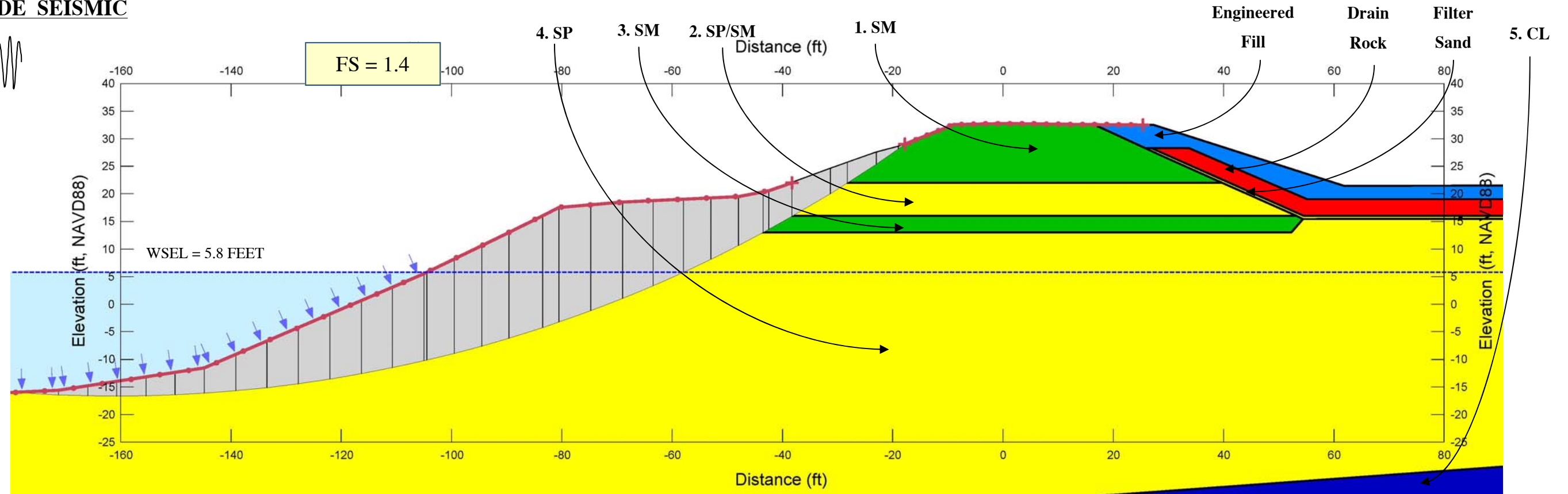
STATIC SLOPE STABILITY ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

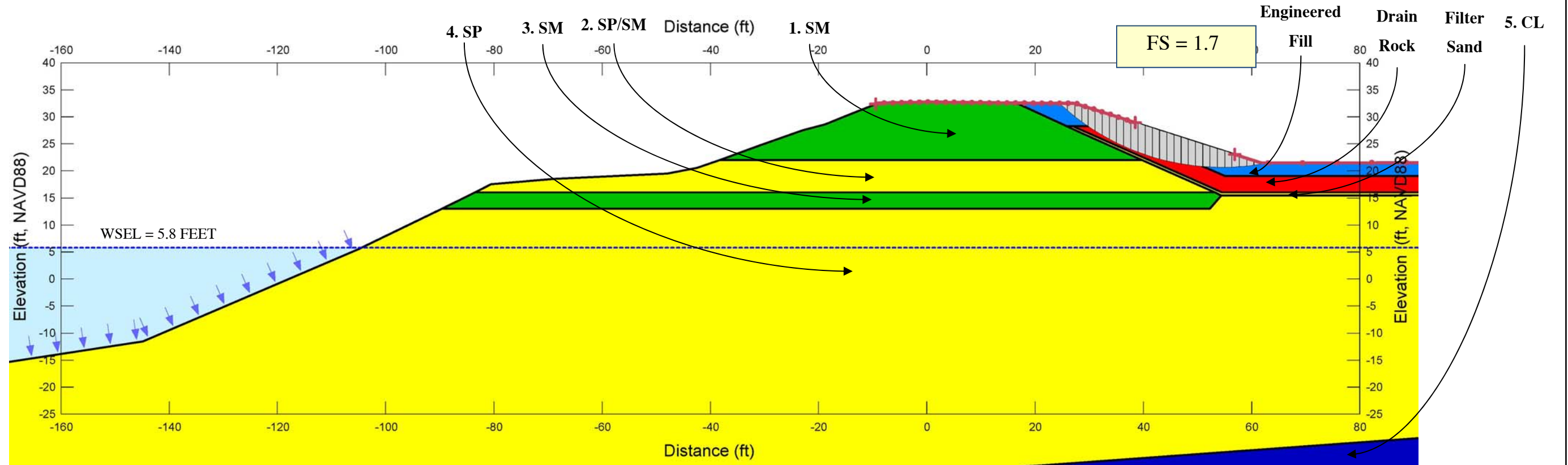
FIGURE NO.
E-59-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



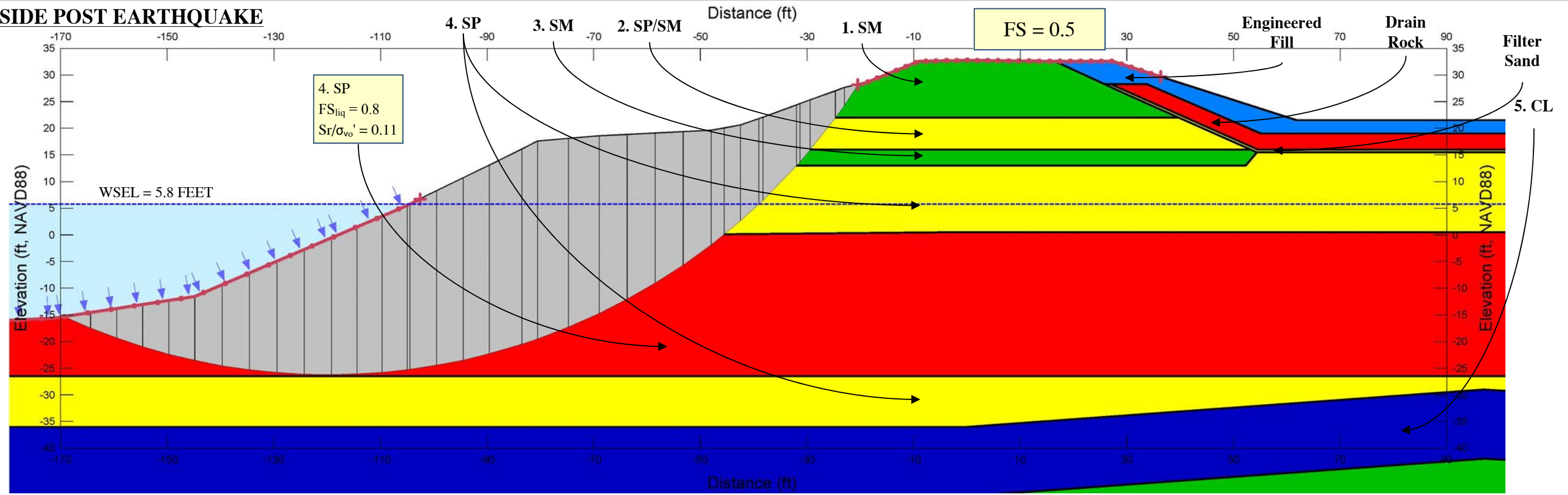
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

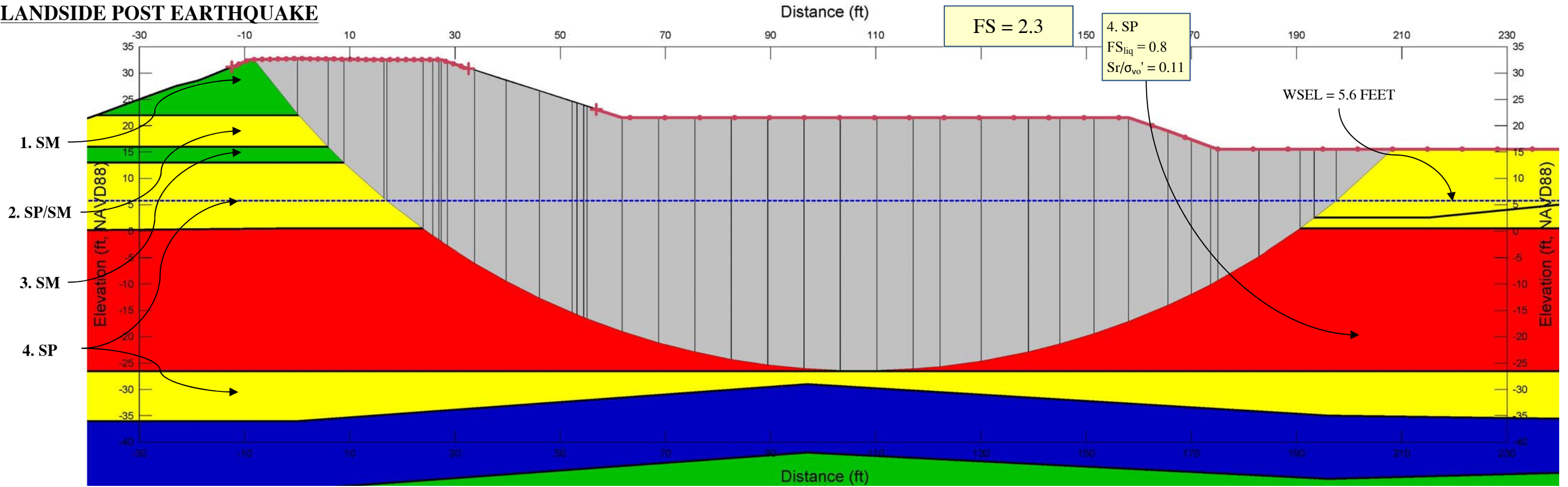
FIGURE NO.
E-59-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



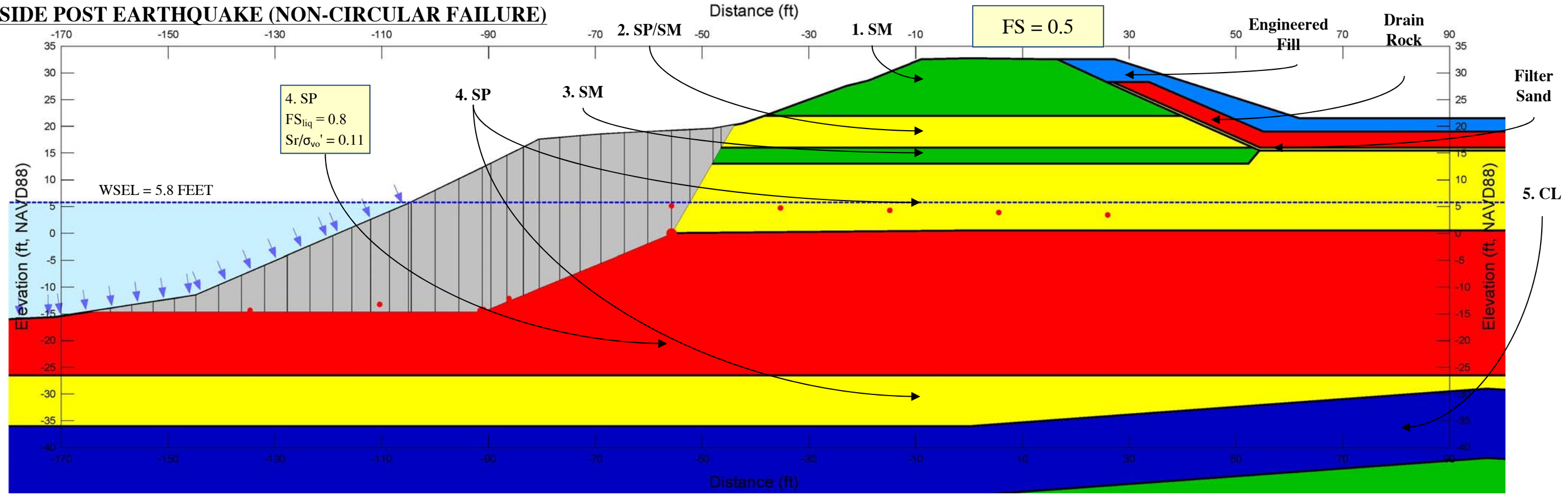
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

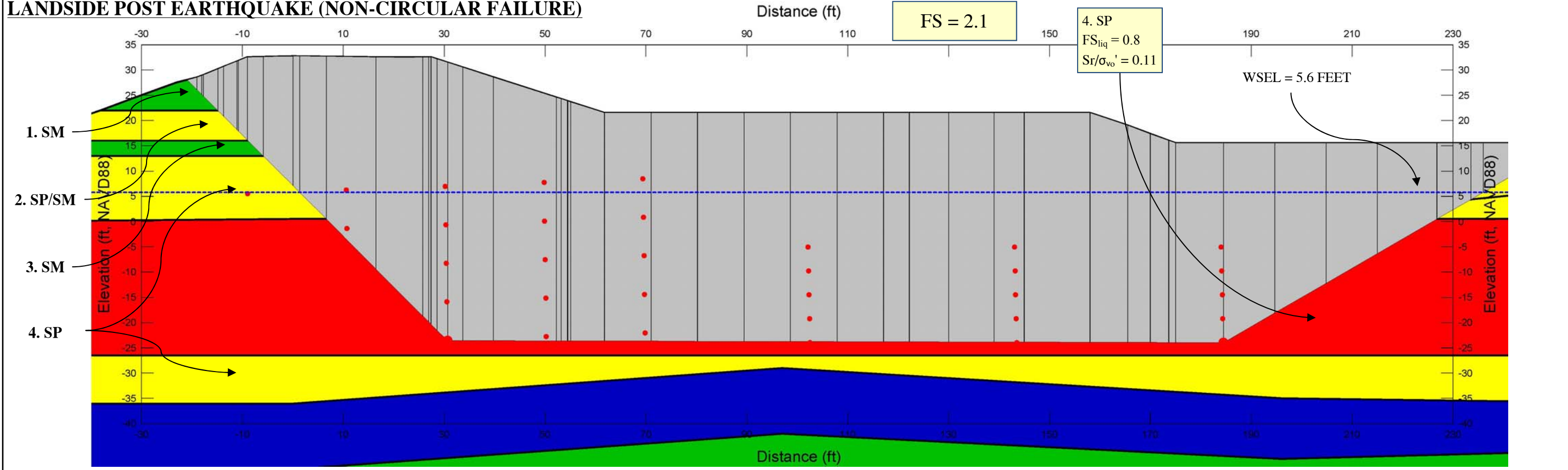
FIGURE NO.
E-59-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



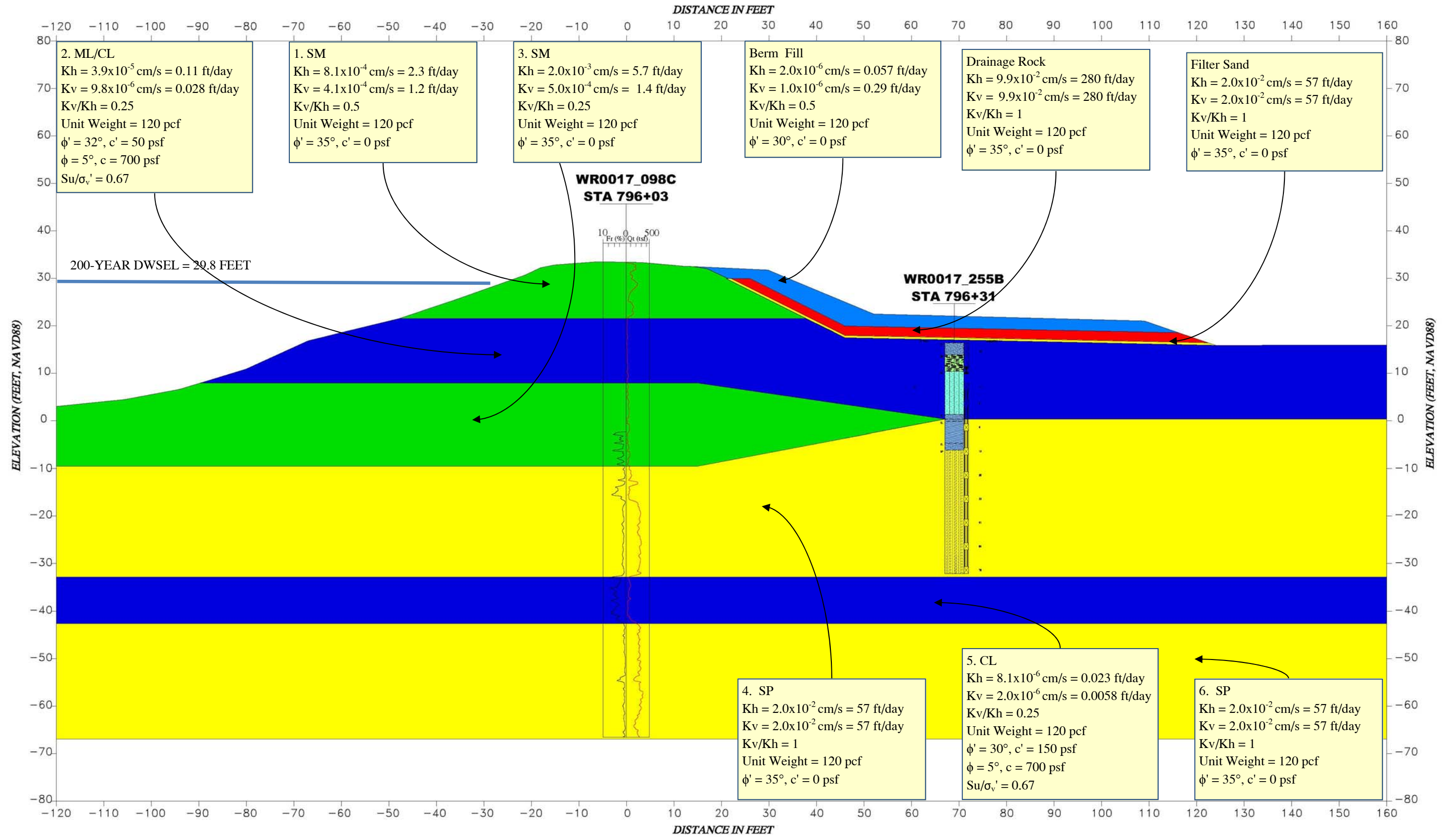
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M3C - STA 777+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-59-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



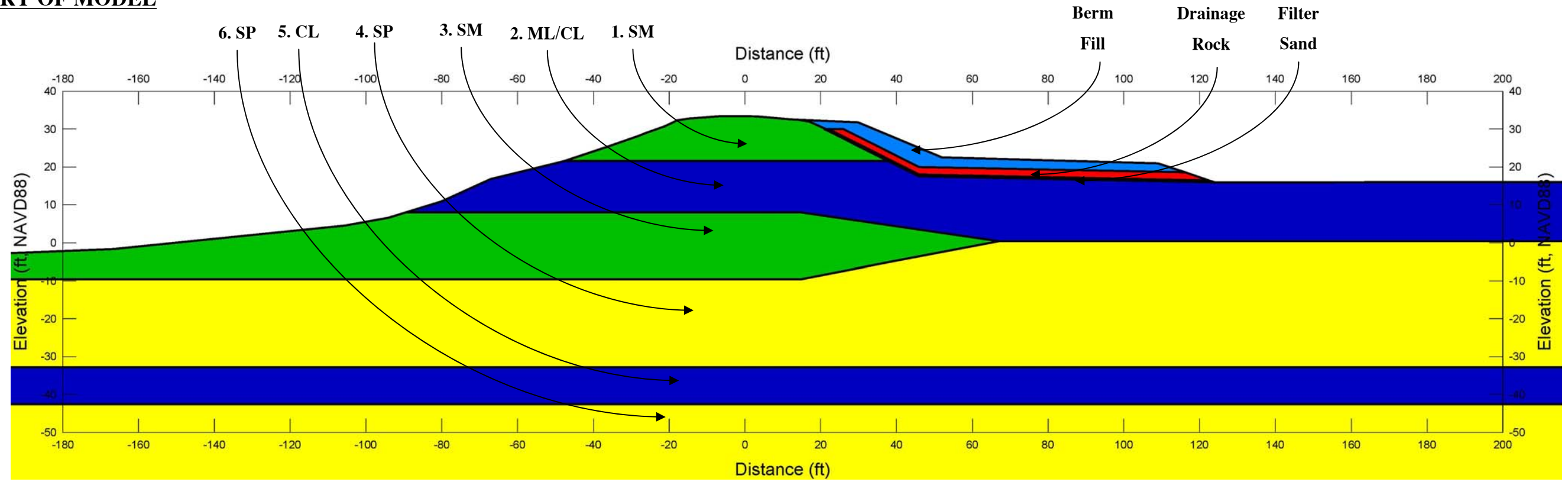
CROSS SECTION & MATERIAL PARAMETERS
 REACH M4- STA 795+87
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZH
CHECKED BY:	AL

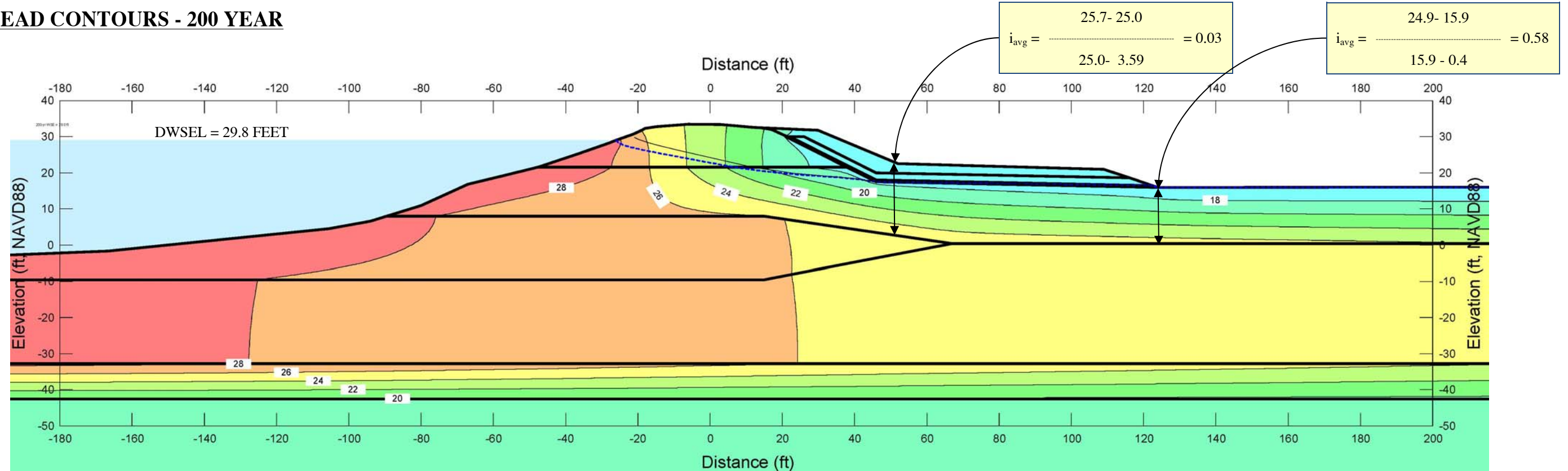
FIGURE NO.
E-60-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



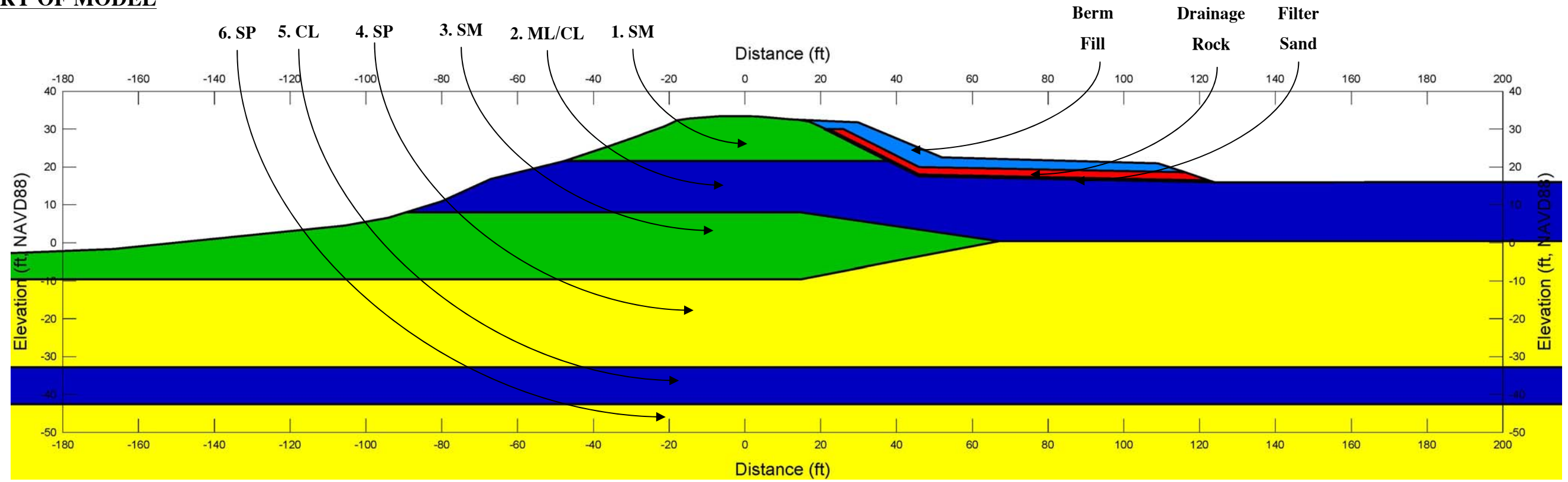
TOTAL HEAD CONTOURS - 200 YEAR



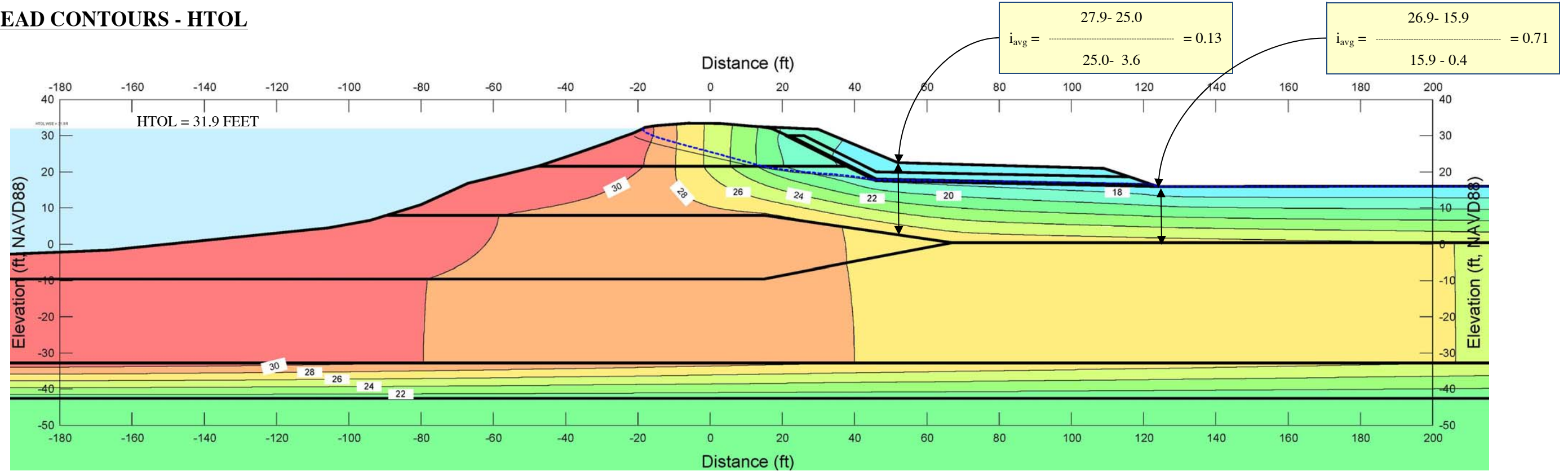
	SEEPAGE ANALYSIS REACH M4- STA 795+87 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-60-B
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



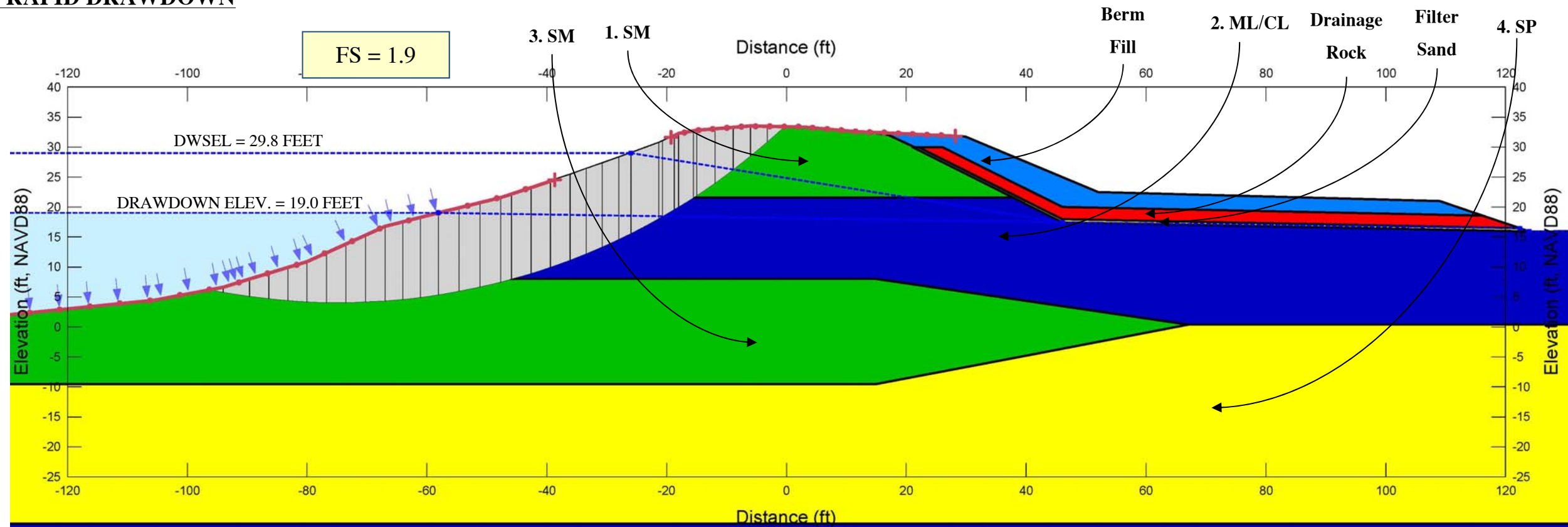
TOTAL HEAD CONTOURS - HTOL



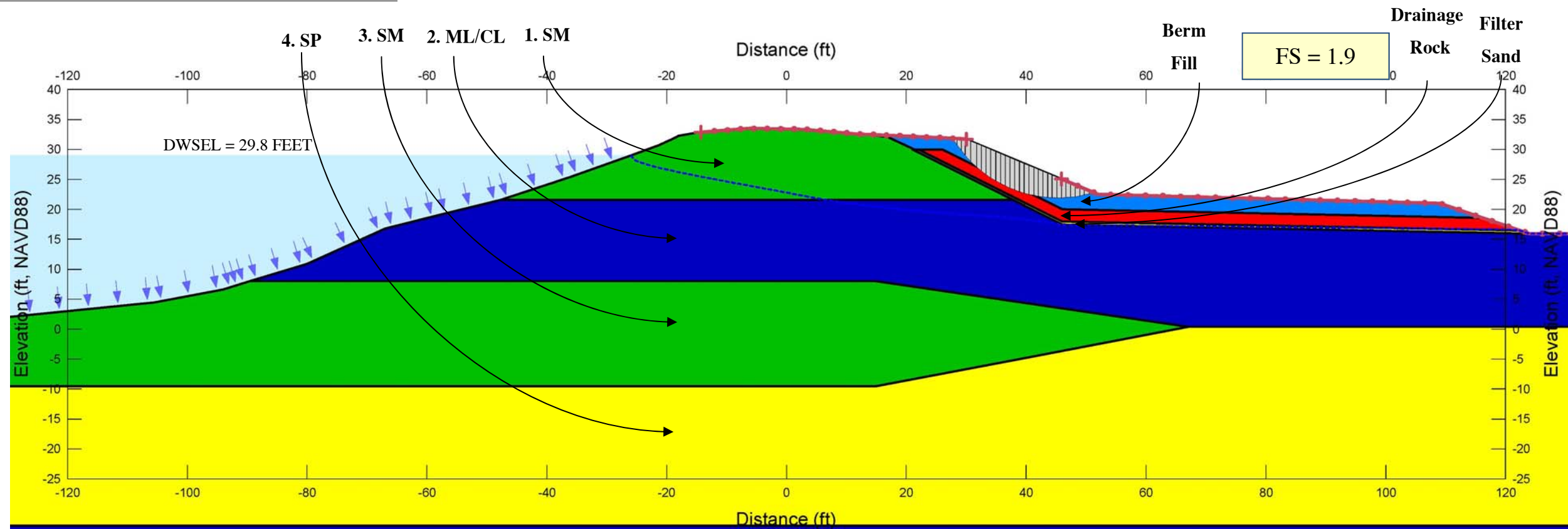
	SEEPAGE ANALYSIS REACH M4- STA 795+87 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-60-C
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



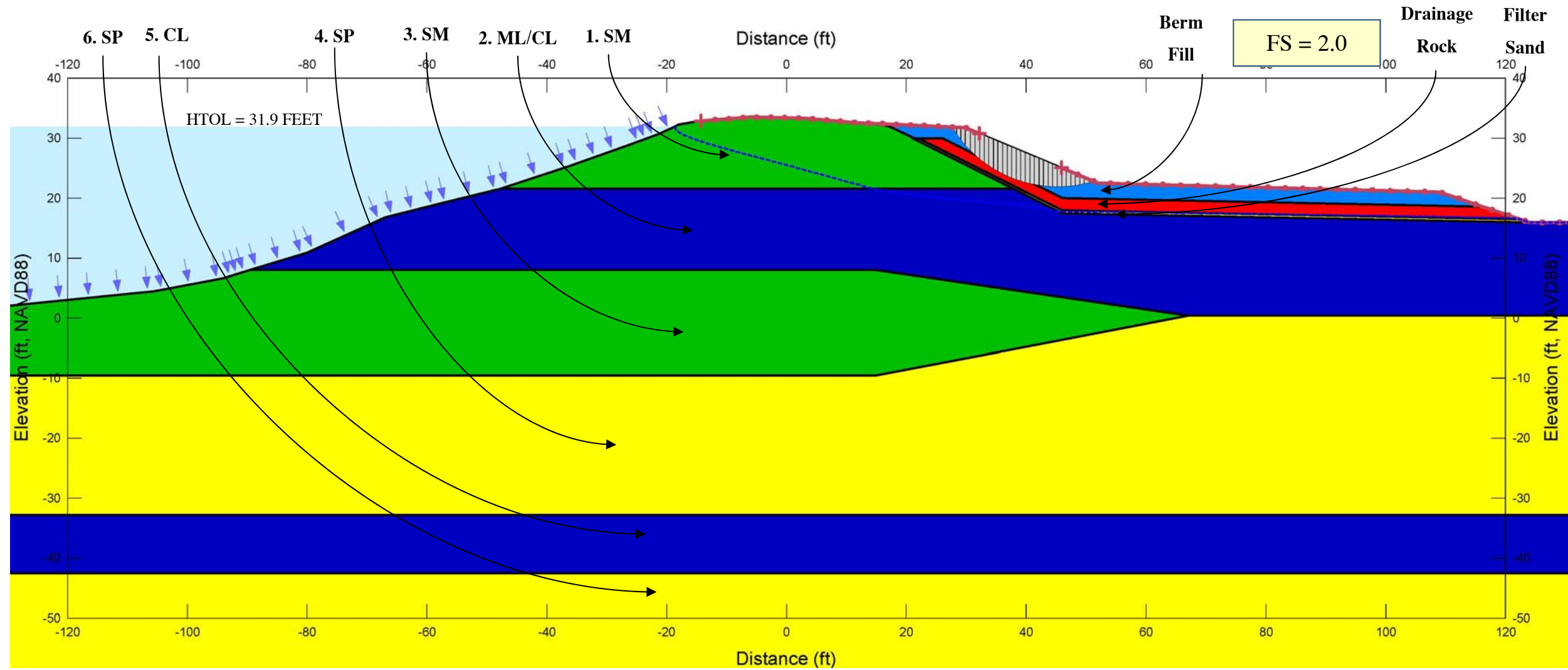
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



	STATIC SLOPE STABILITY ANALYSIS REACH M4- STA 795+87 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-60-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



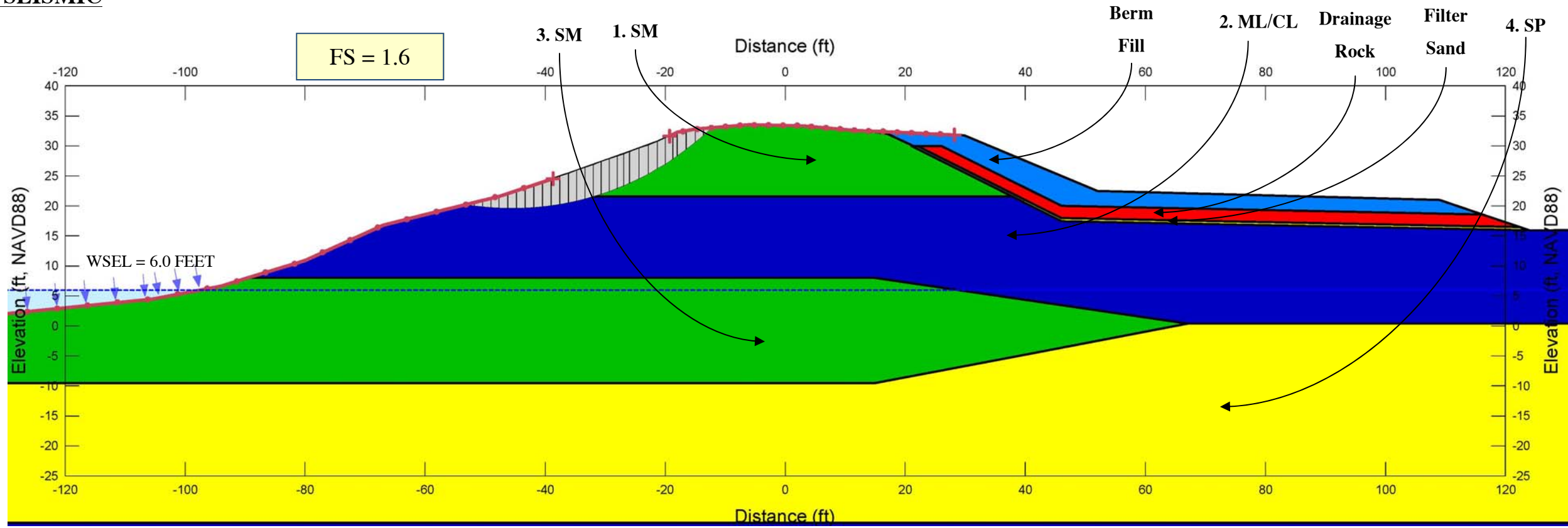
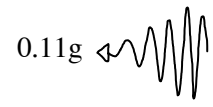
STATIC SLOPE STABILITY ANALYSIS
REACH M4- STA 795+87
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: BA	CHECKED BY: NS

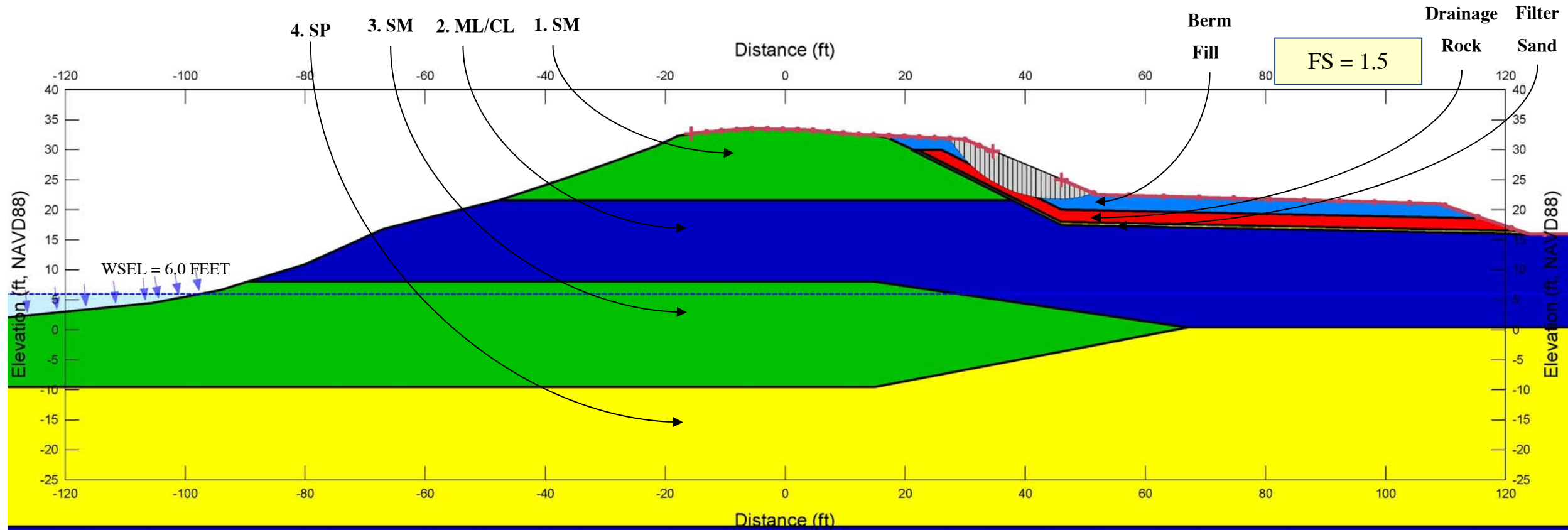
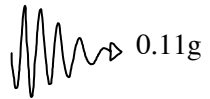
FIGURE NO.
E-60-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



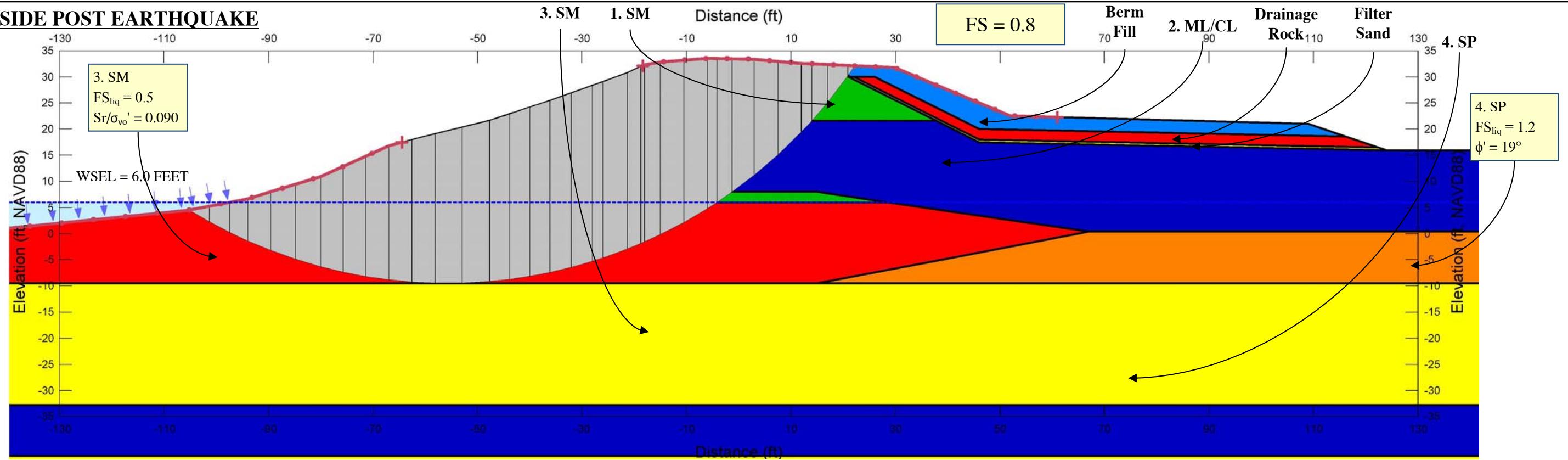
SEISMIC SLOPE STABILITY ANALYSIS
 REACH M4- STA 795+87
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

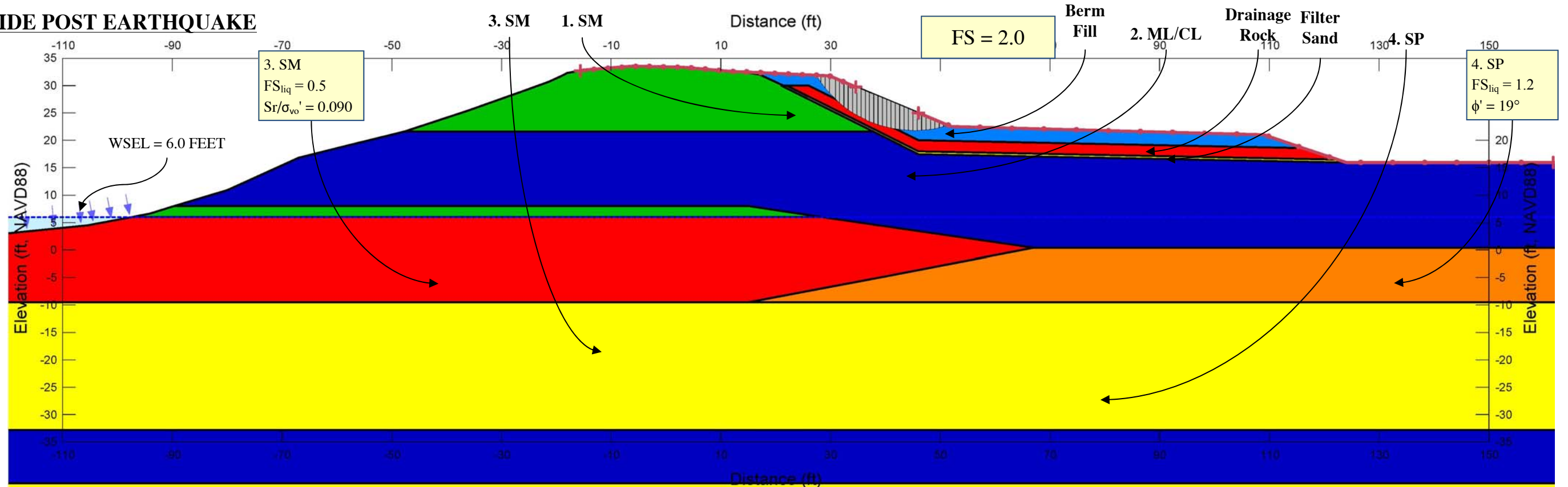
FIGURE NO.
E-60-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



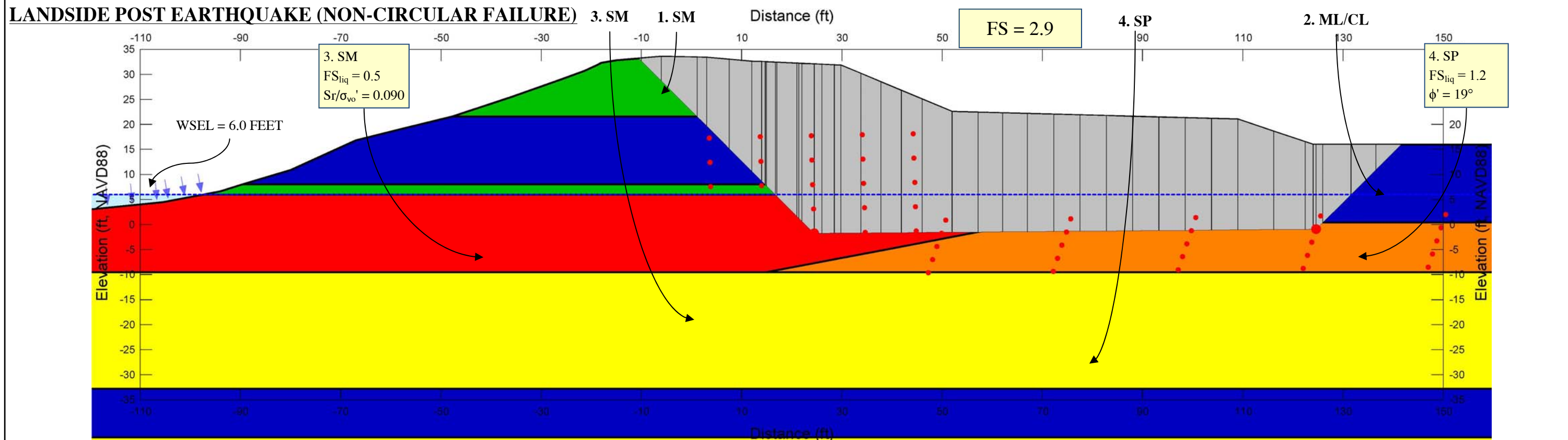
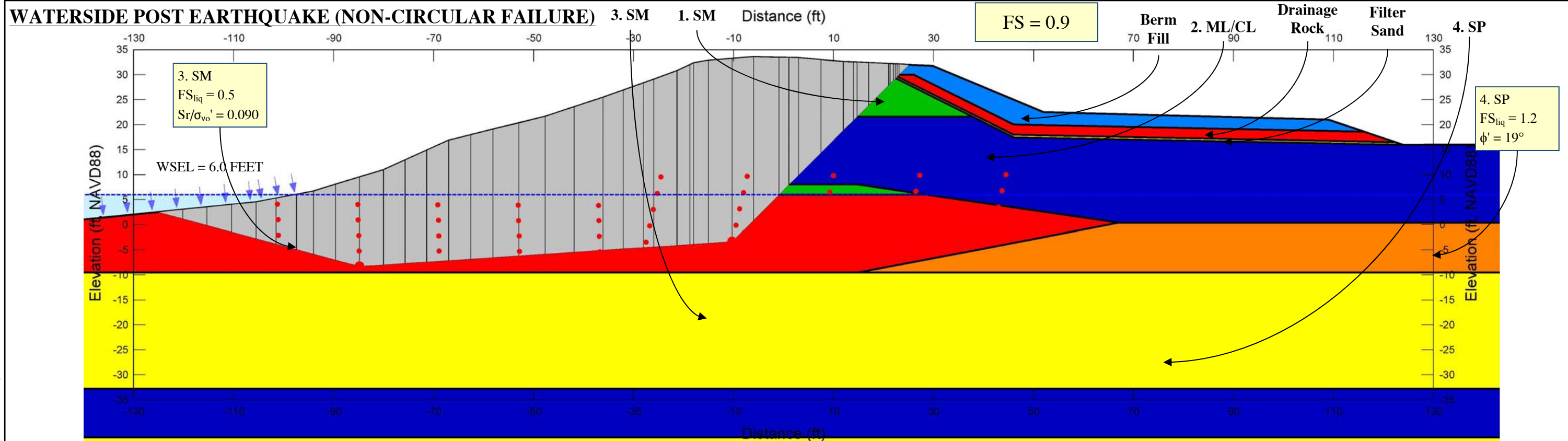
SEISMIC SLOPE STABILITY ANALYSIS
REACH M4- STA 795+87
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.

E-60-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



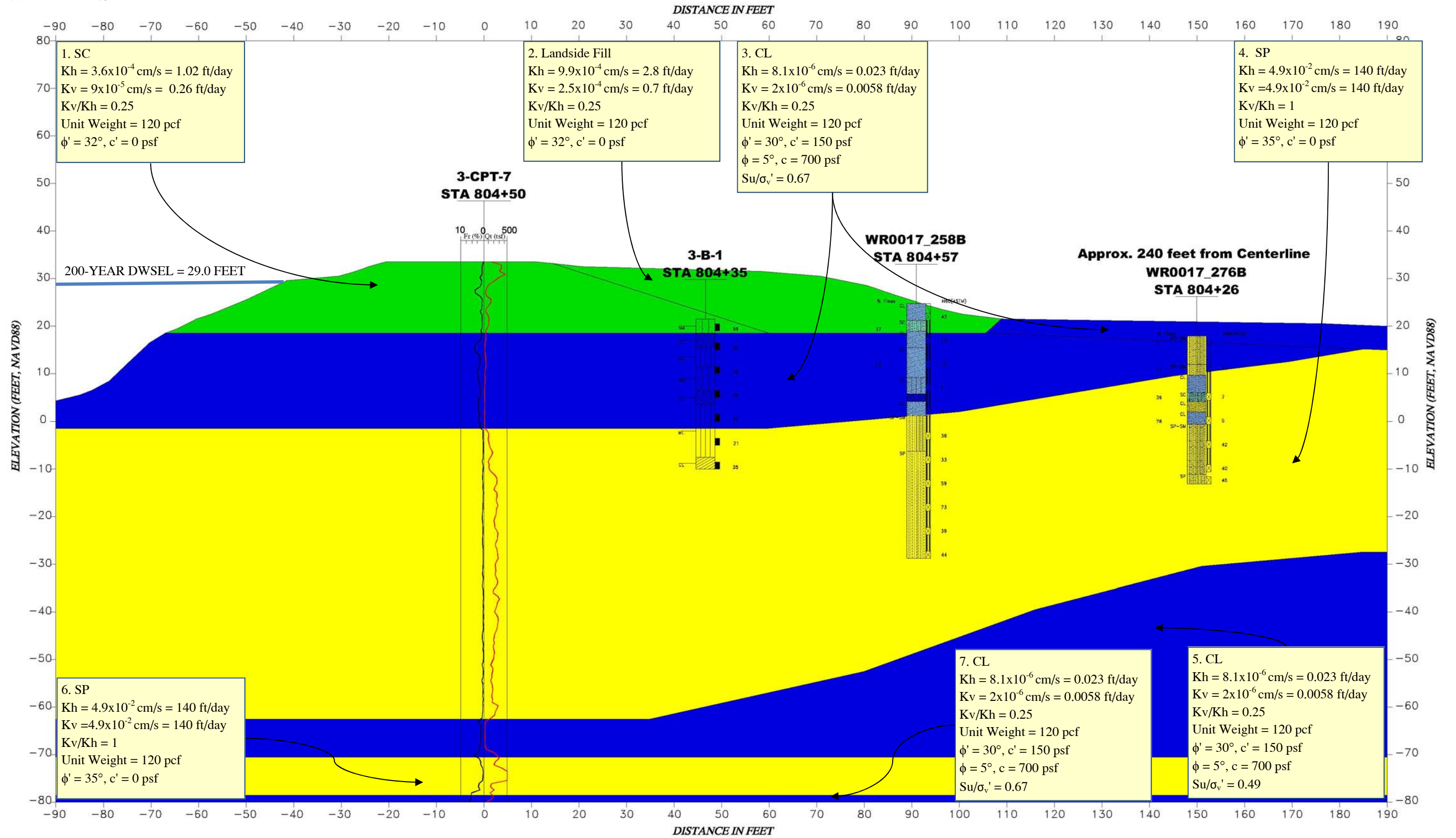
SEISMIC SLOPE STABILITY ANALYSIS
REACH M4- STA 795+87
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-60-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



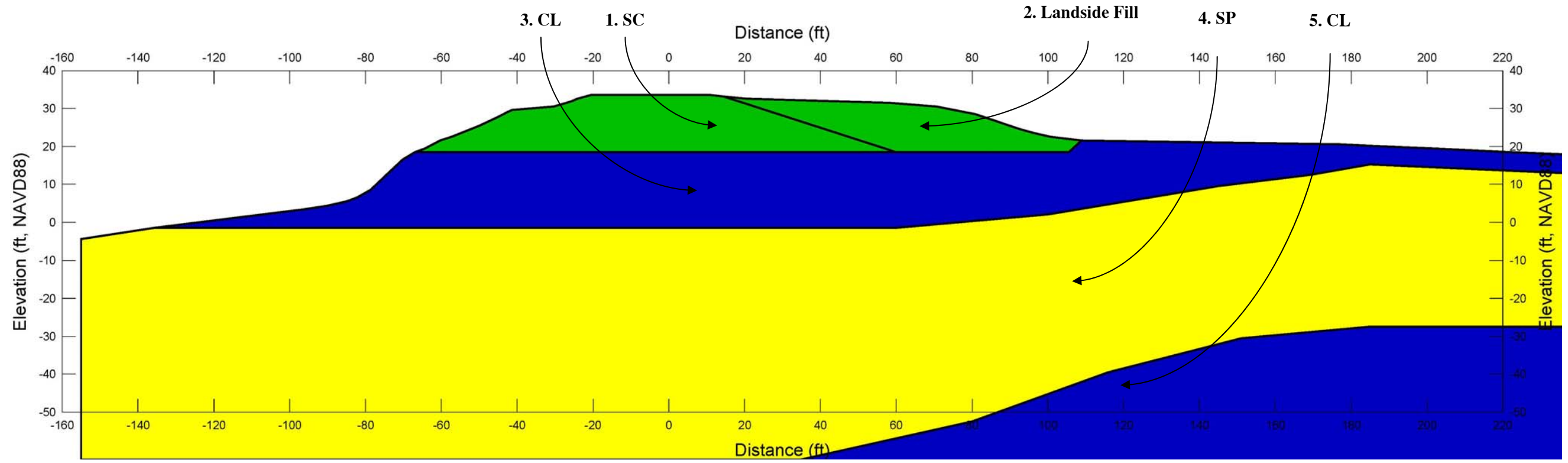
CROSS SECTION & MATERIAL PARAMETERS
 REACH N1 - STA 804+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000
 SCALE: NO SCALE
 DRAWN BY: ZH CHECKED BY: JB

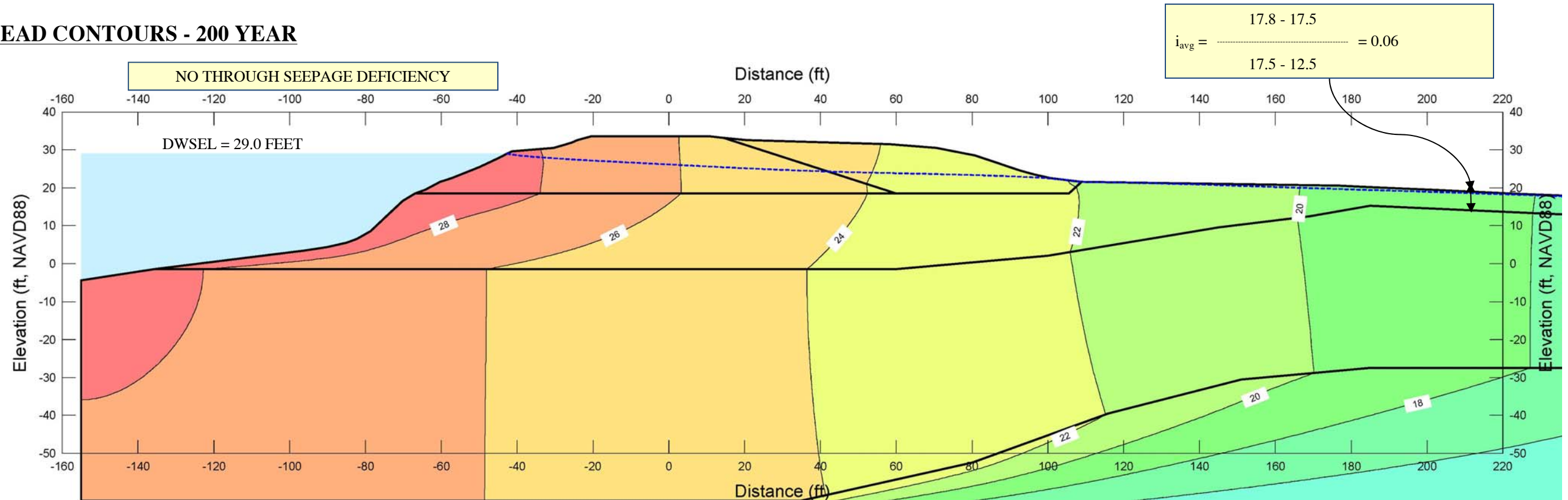
FIGURE NO.
E-61-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



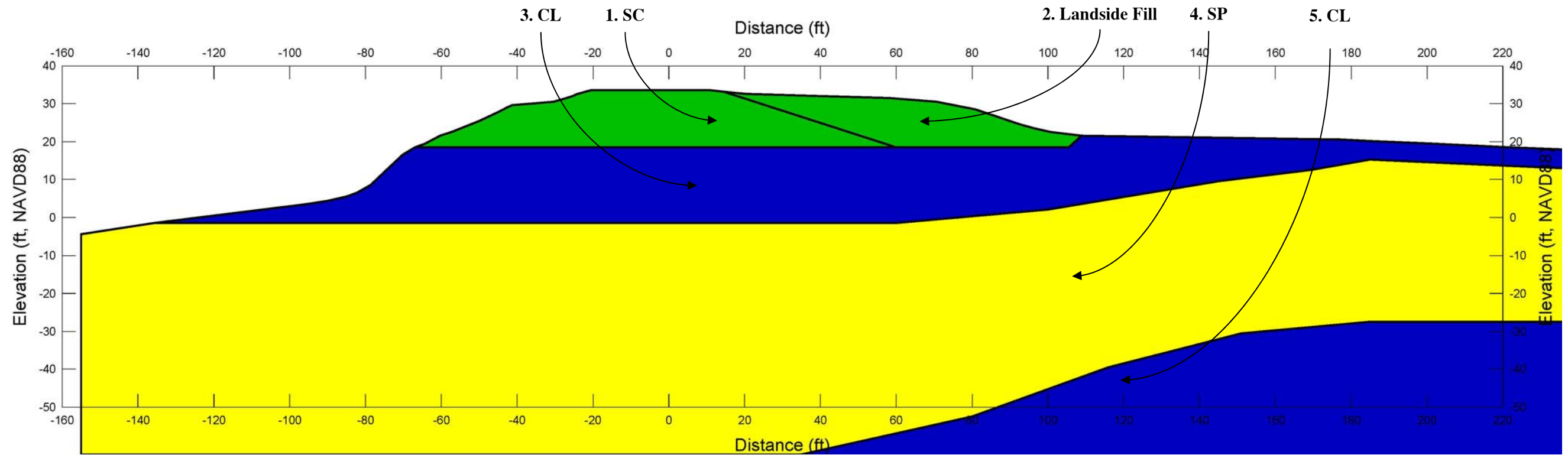
SEEPAGE ANALYSIS
 REACH N1 - STA 804+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

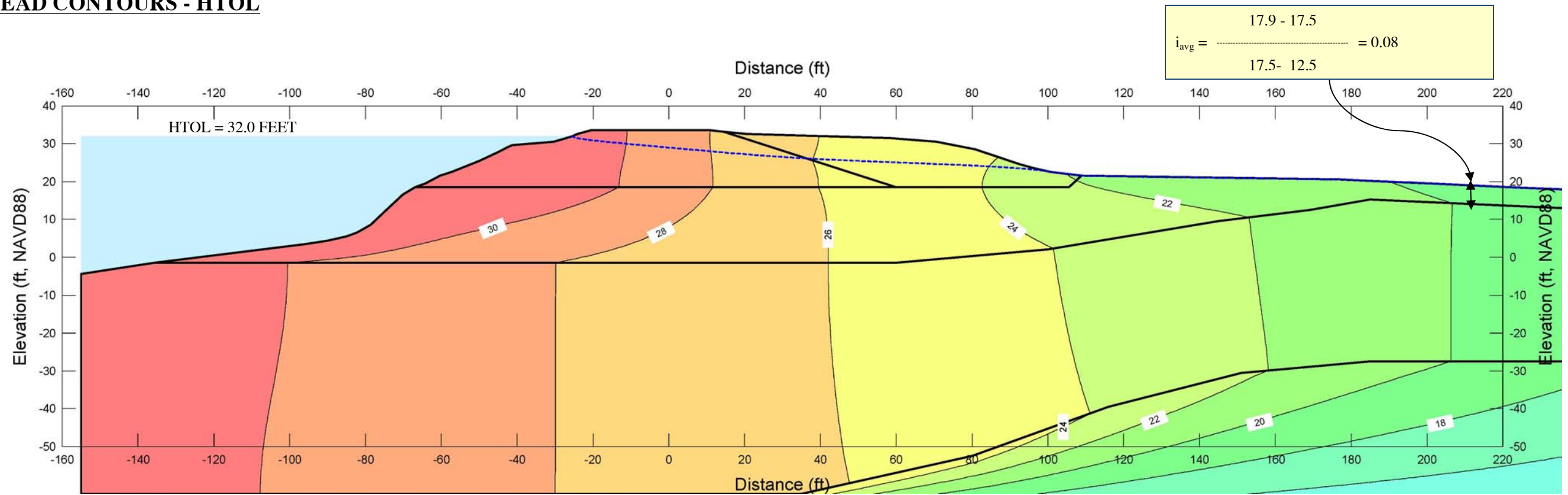
FIGURE NO.
 E-61-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL

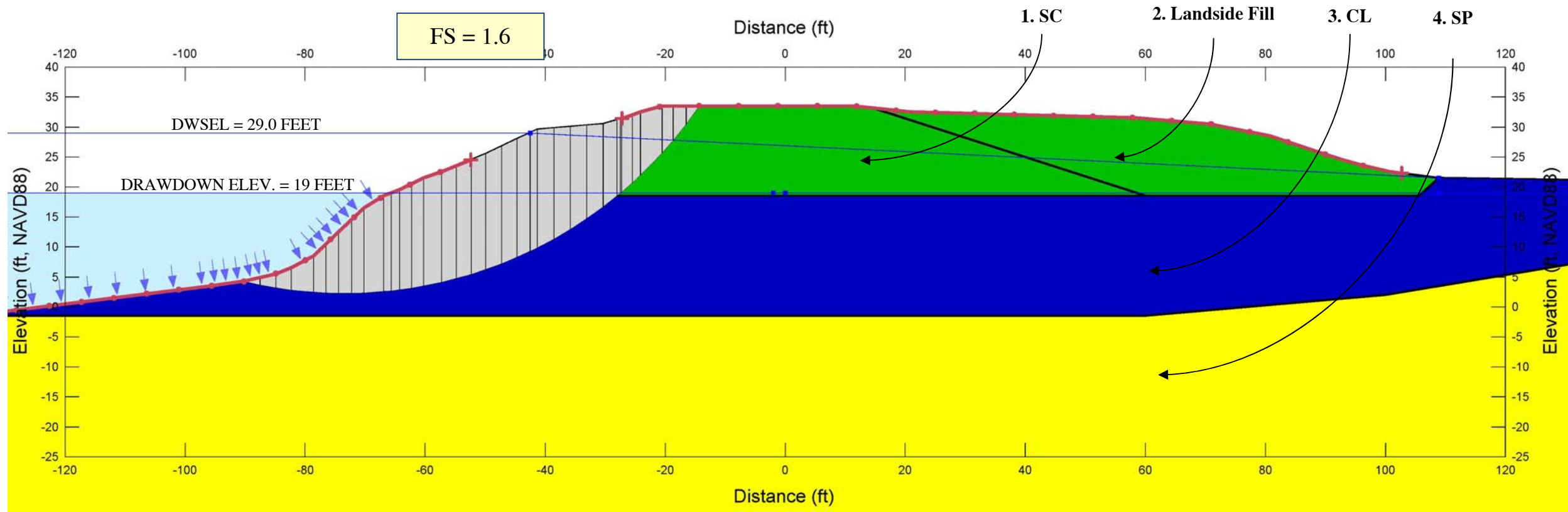


TOTAL HEAD CONTOURS - HTOL

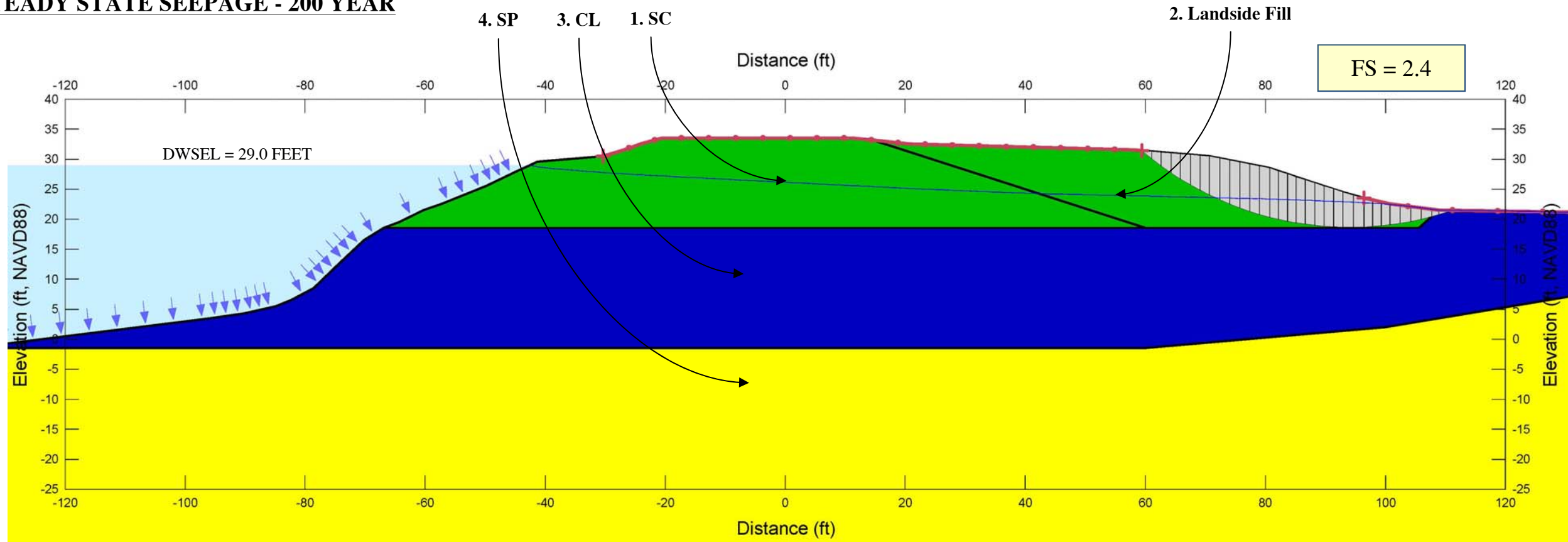


	SEEPAGE ANALYSIS REACH N1 - STA 804+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-61-C
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR

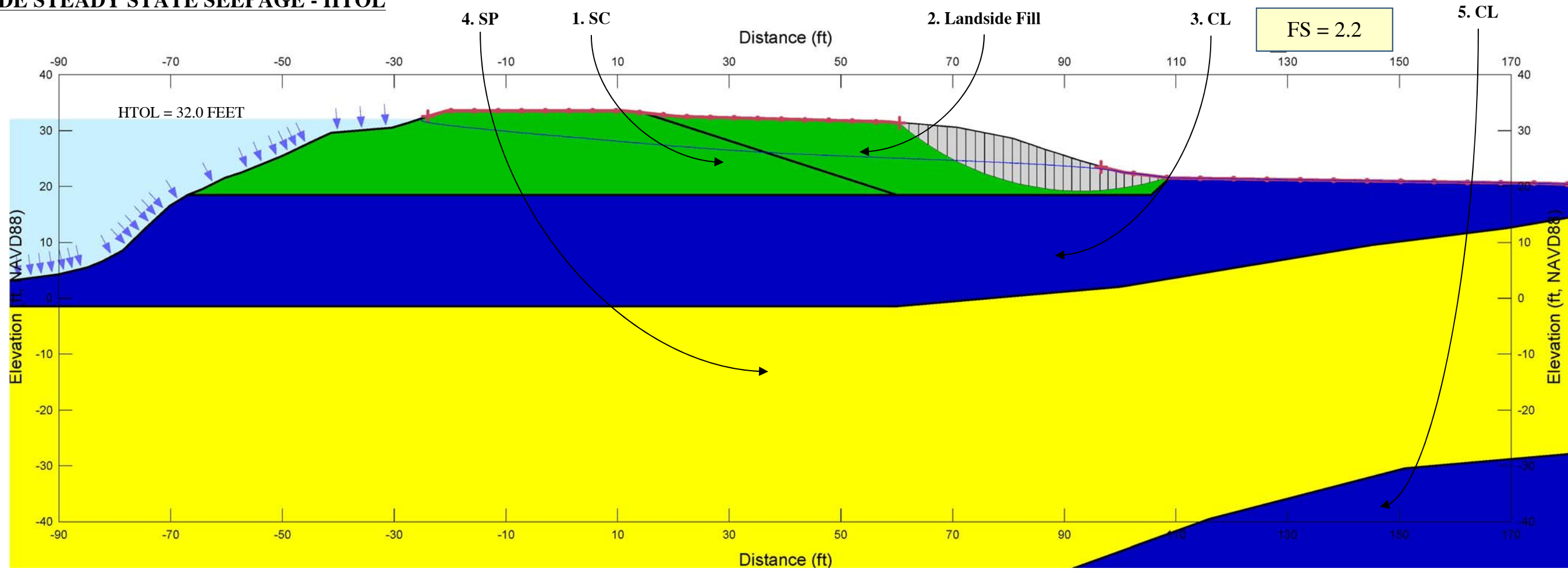



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

	STATIC SLOPE STABILITY ANALYSIS REACH N1 - STA 804+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO.
			SCALE: NO SCALE	E-61-D
			DRAWN BY: BA CHECKED BY: NS	

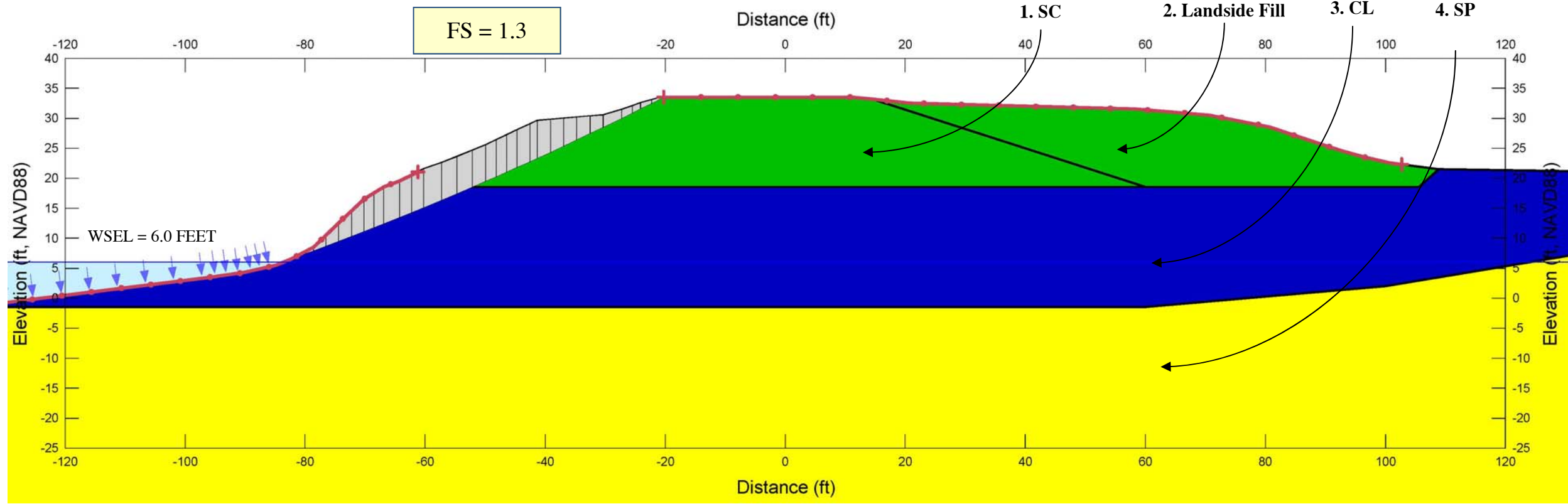
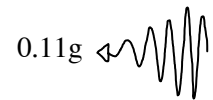
COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL

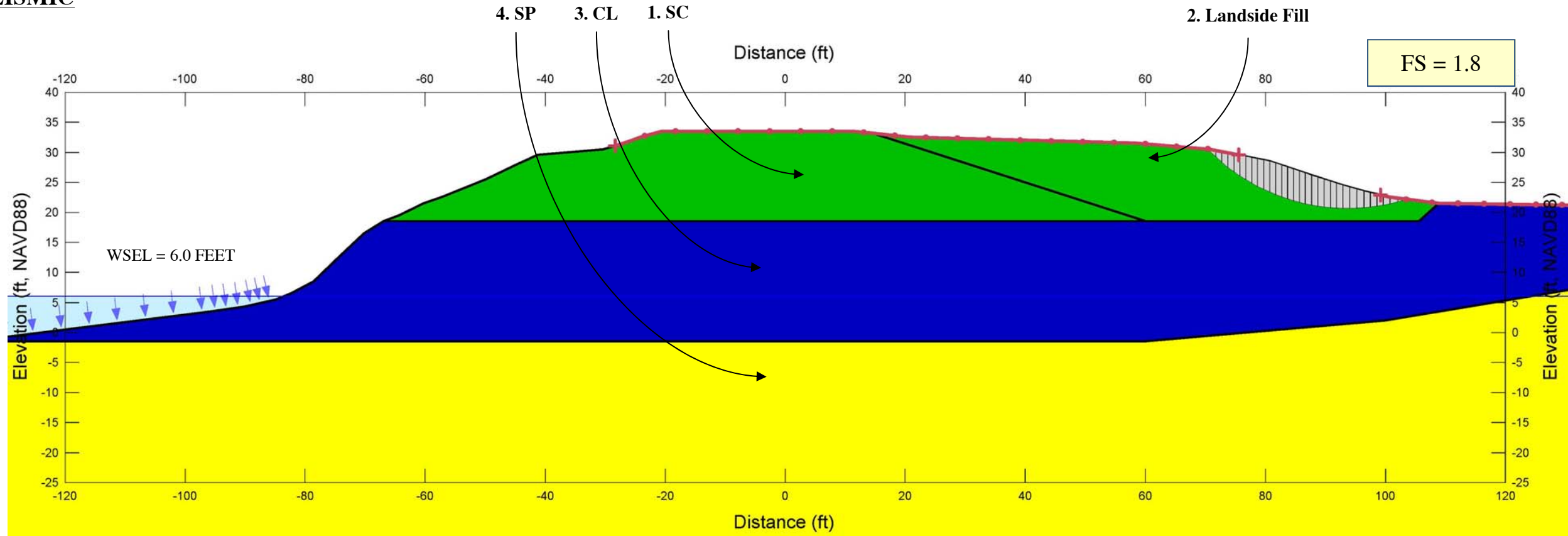
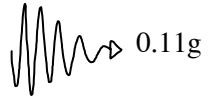


	STATIC SLOPE STABILITY ANALYSIS REACH N1 - STA 804+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-61-E
			SCALE: NO SCALE	
			DRAWN BY: BA	CHECKED BY: NS

WATERSIDE SEISMIC



LANDSIDE SEISMIC

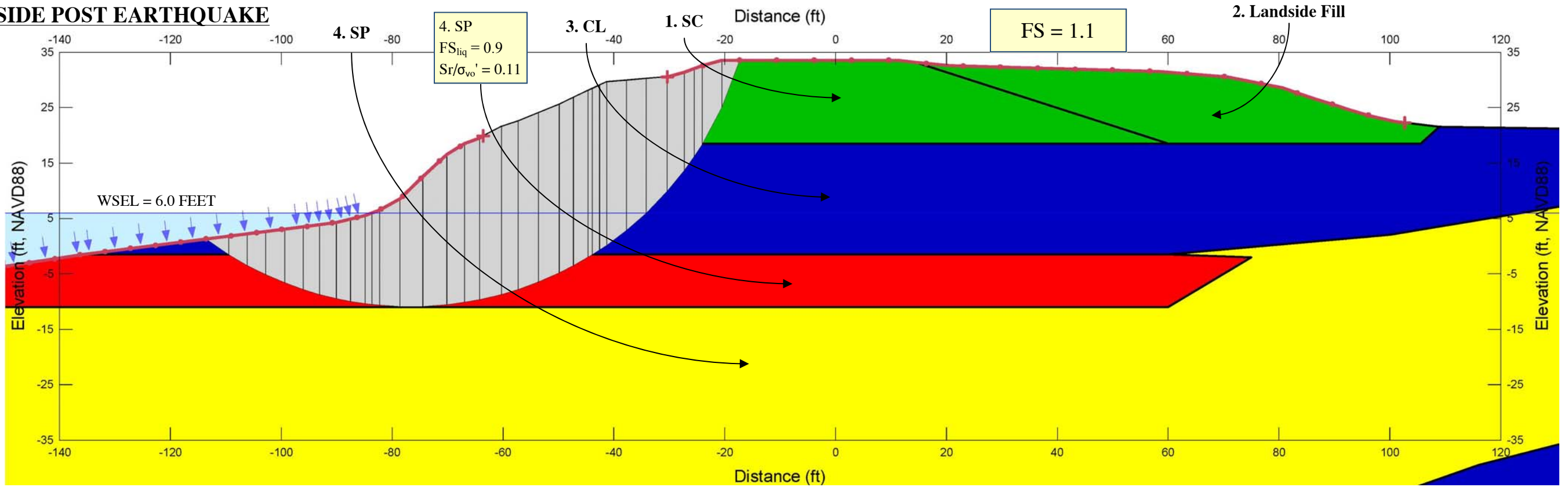


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

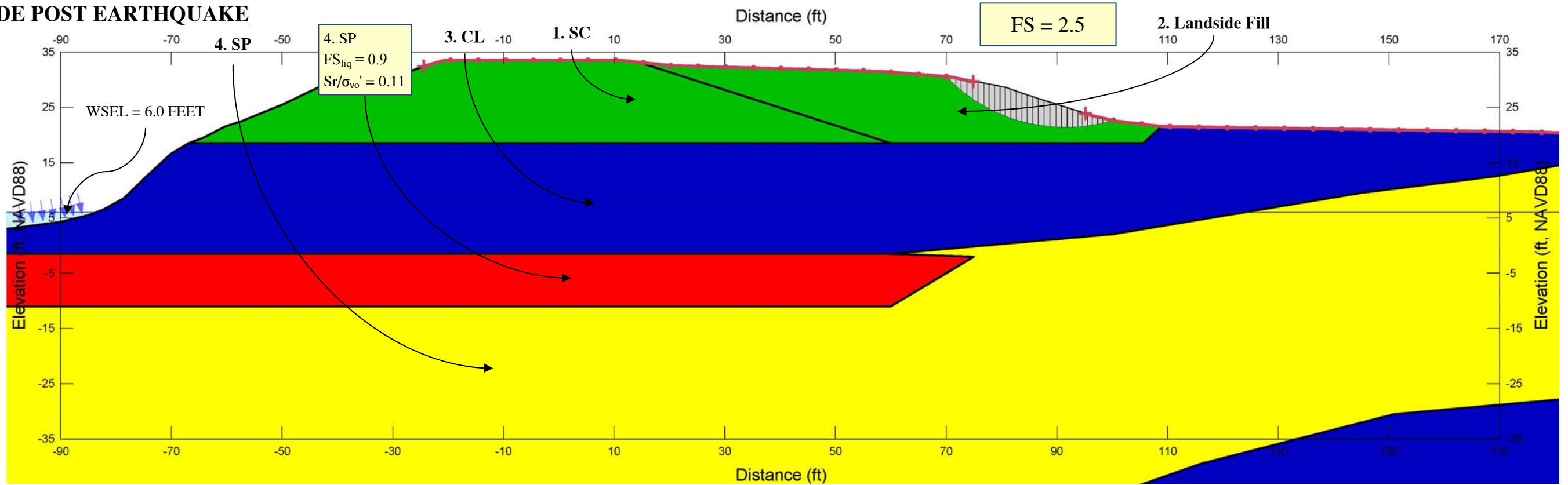
	SEISMIC SLOPE STABILITY ANALYSIS REACH N1 - STA 804+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-61-F
			SCALE: NO SCALE	
			DRAWN BY: BA	CHECKED BY: NS

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



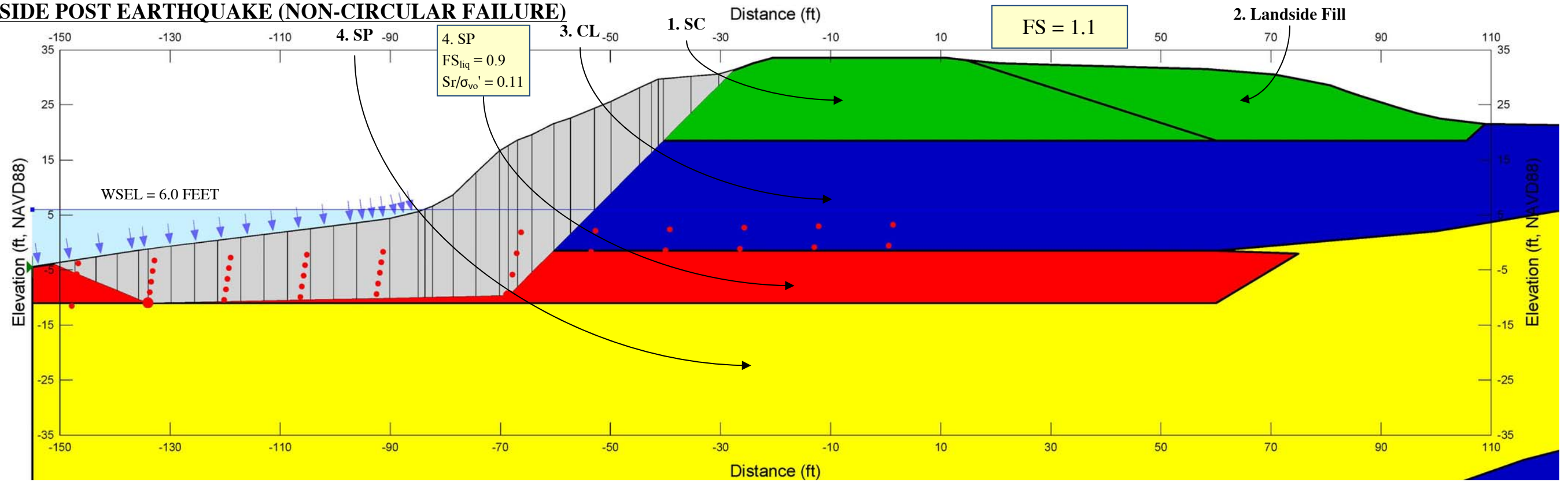
SEISMIC SLOPE STABILITY ANALYSIS
 REACH N1 - STA 804+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

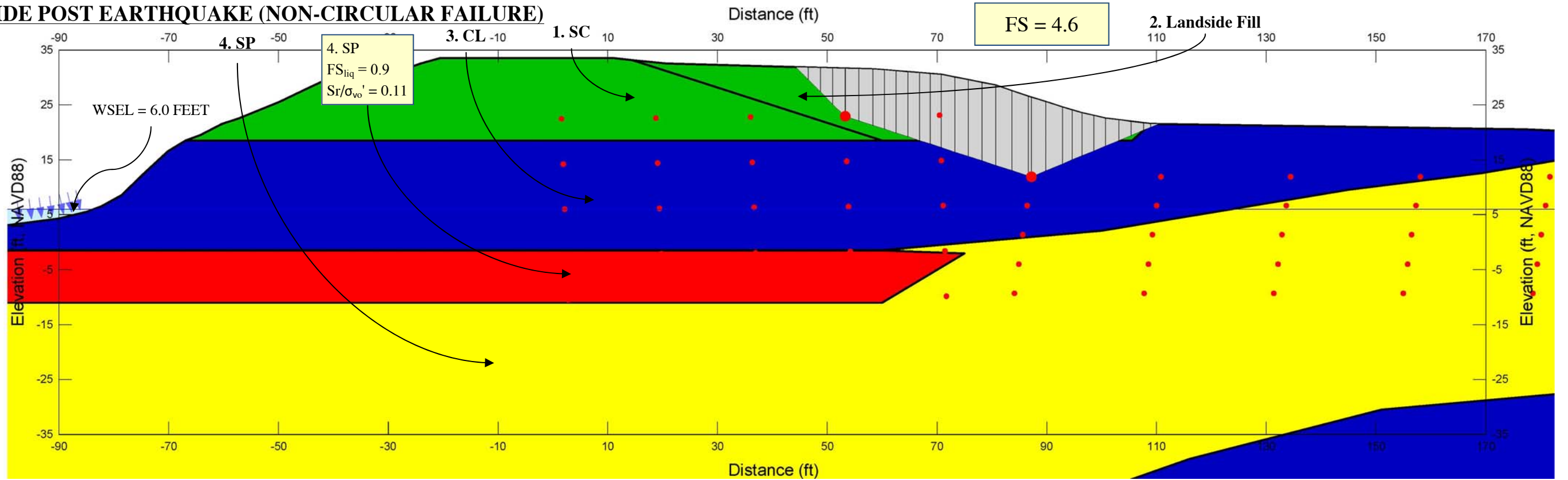
FIGURE NO.
E-61-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



SEISMIC SLOPE STABILITY ANALYSIS
 REACH N1 - STA 804+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

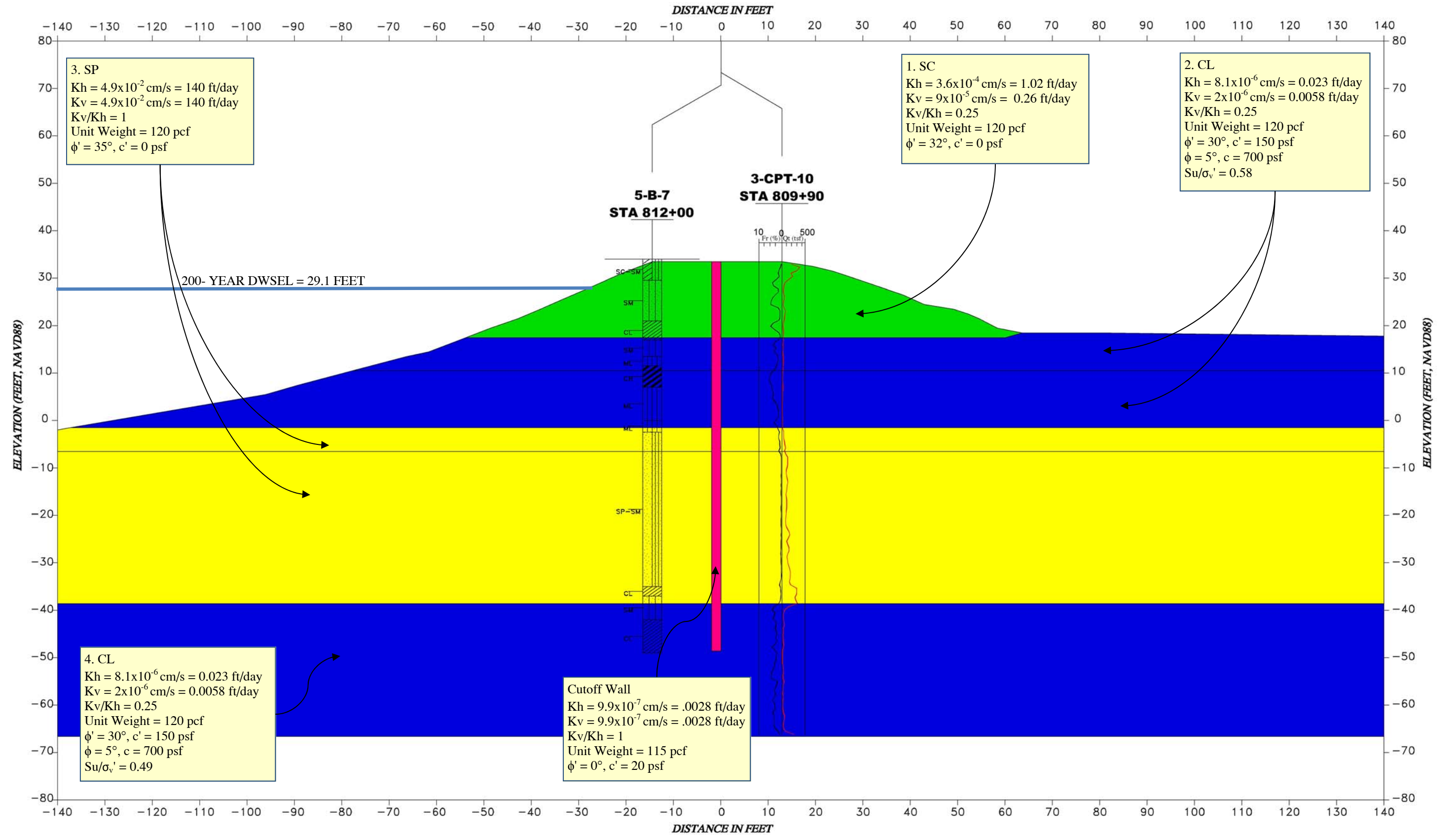
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: CC

FIGURE NO.

E-61-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



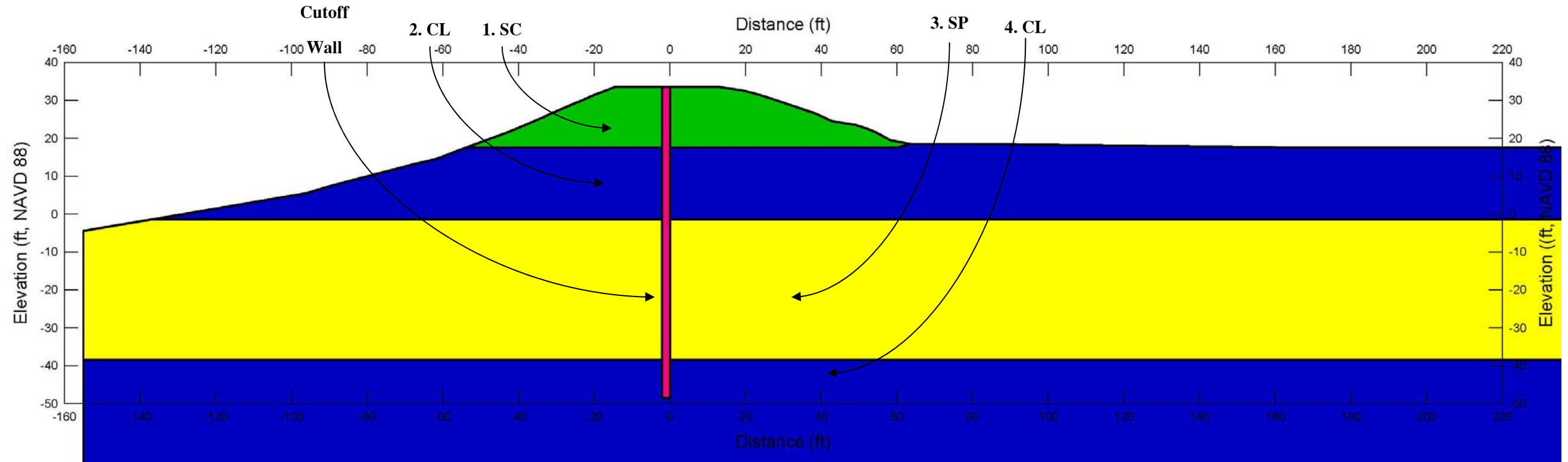
CROSS SECTION & MATERIAL PARAMETERS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: ZZ

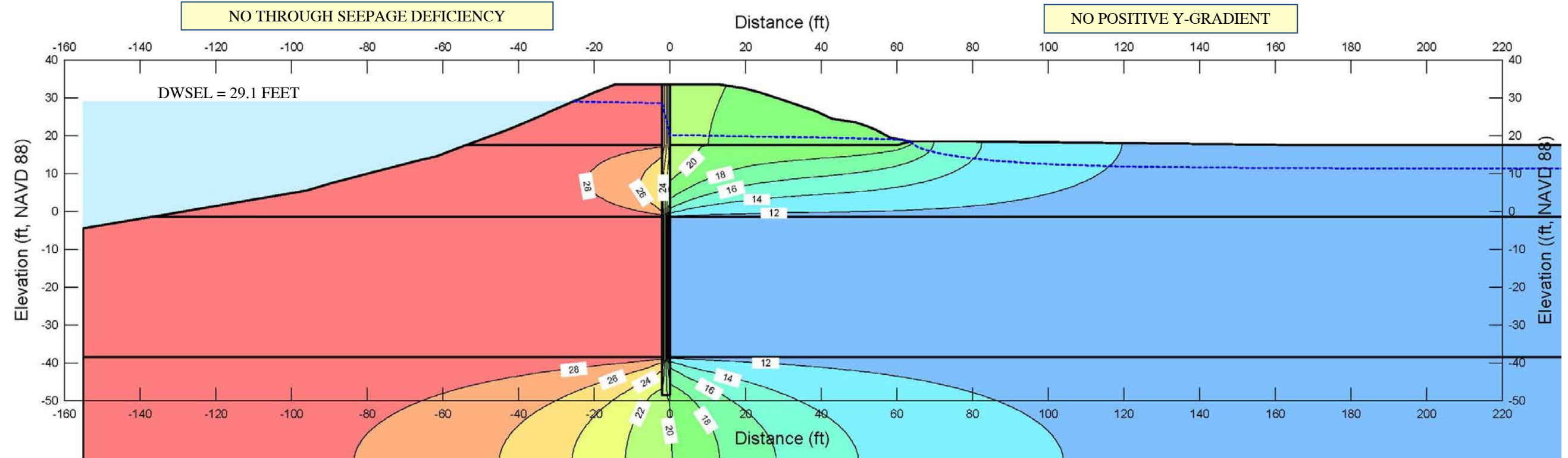
FIGURE NO.
E-62-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



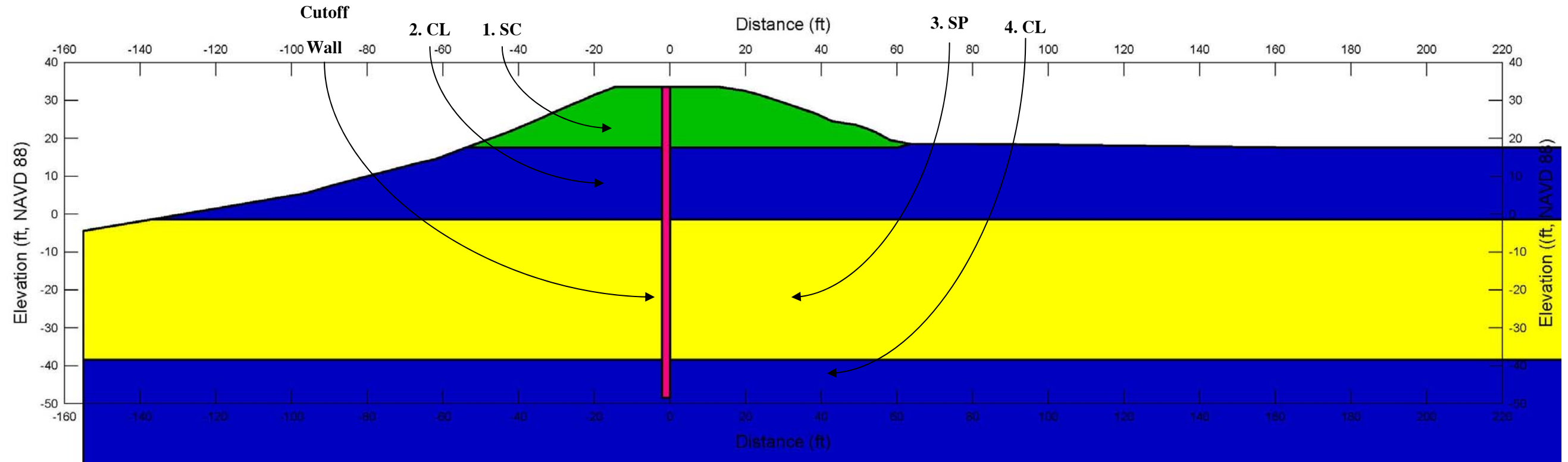
SEEPAGE ANALYSIS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

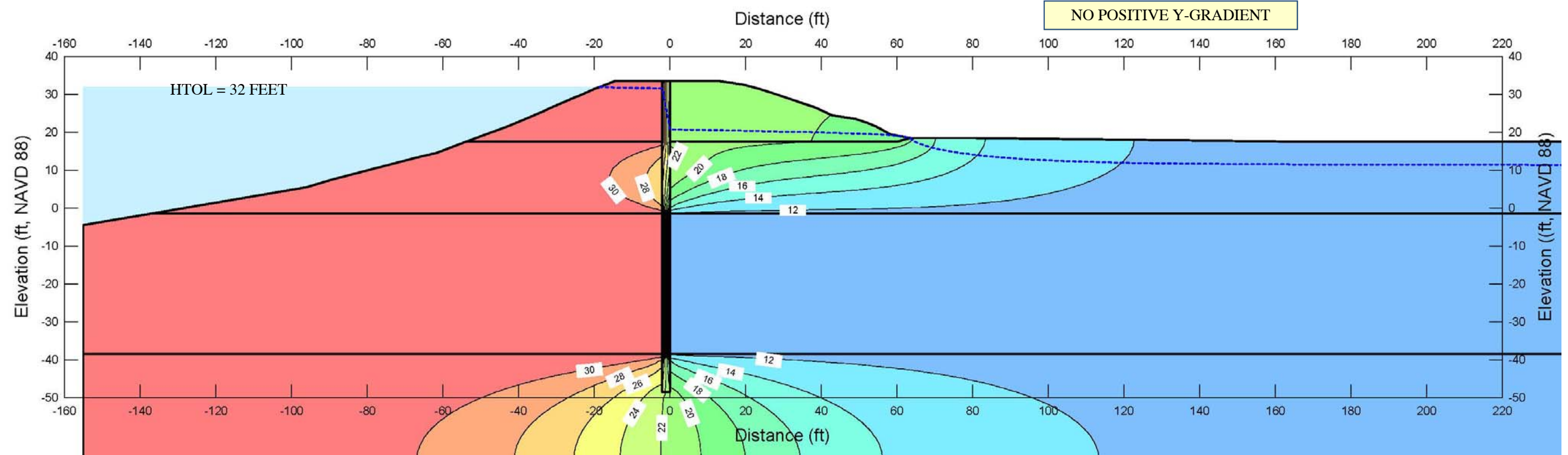
FIGURE NO.
E-62-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL

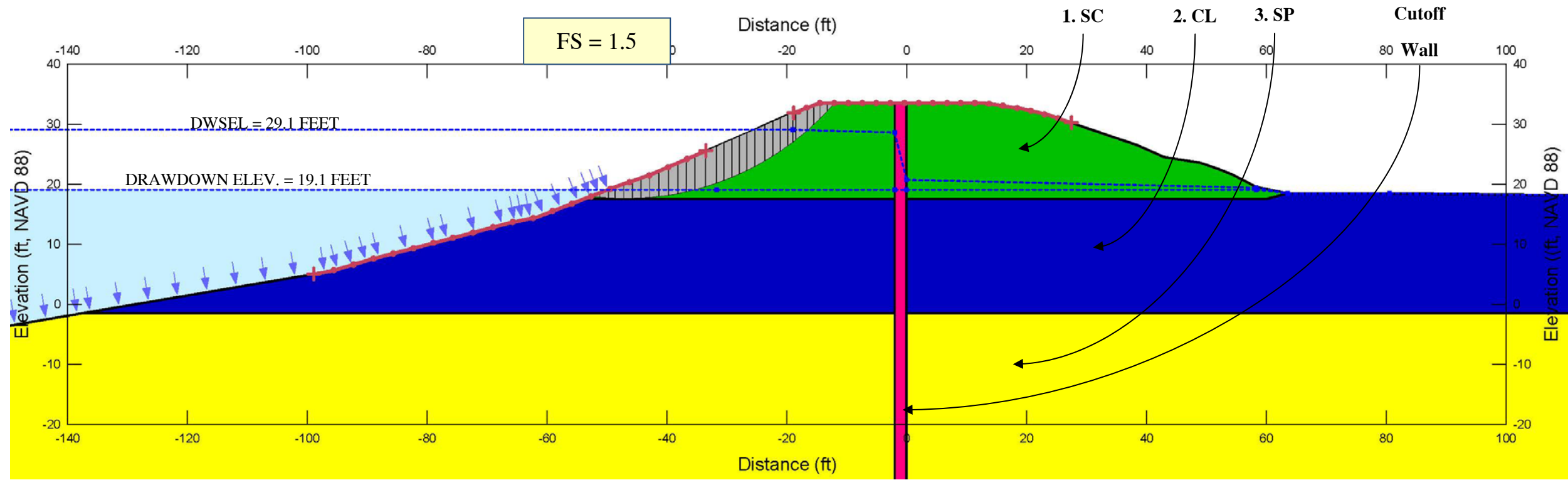


TOTAL HEAD CONTOURS - HTOL

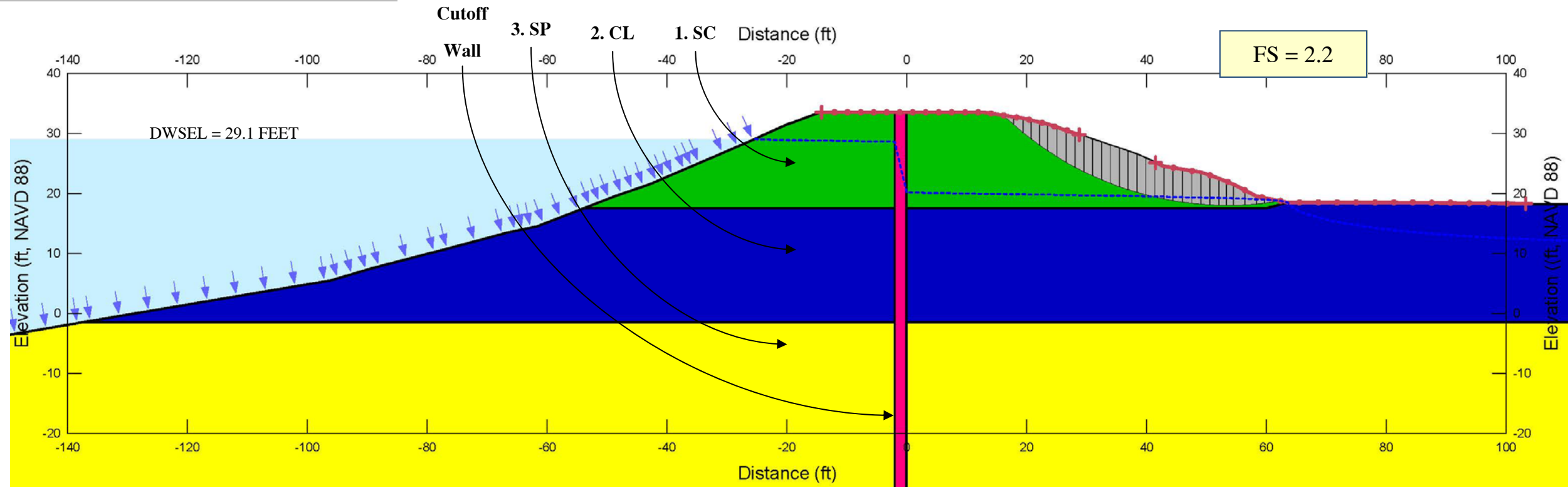



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



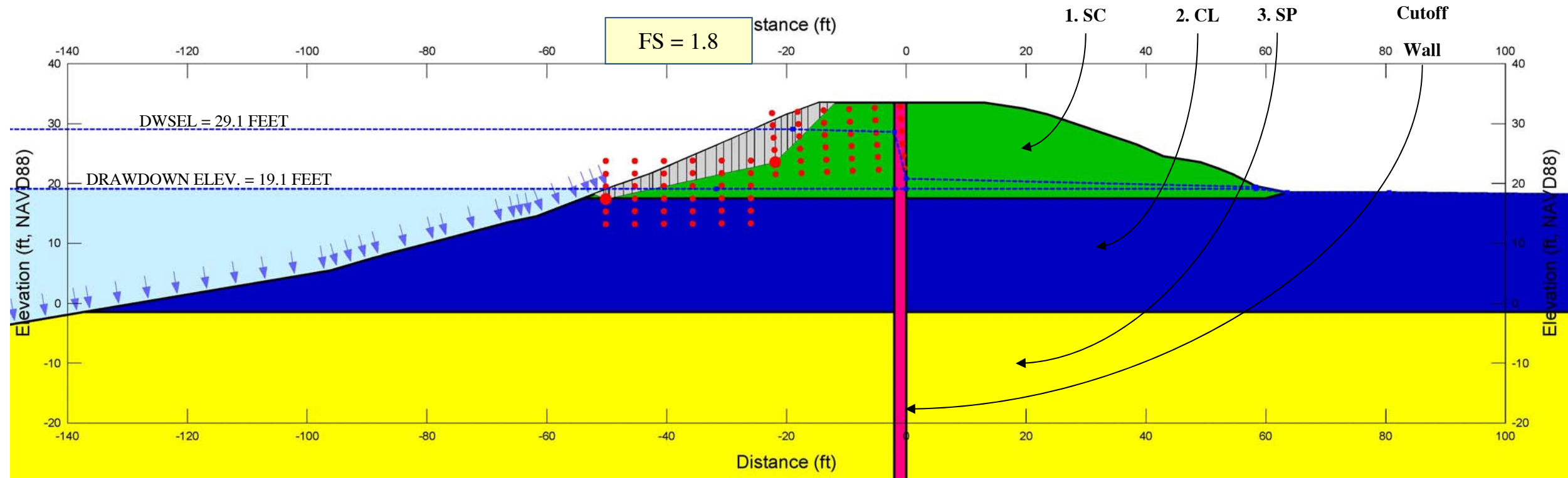
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



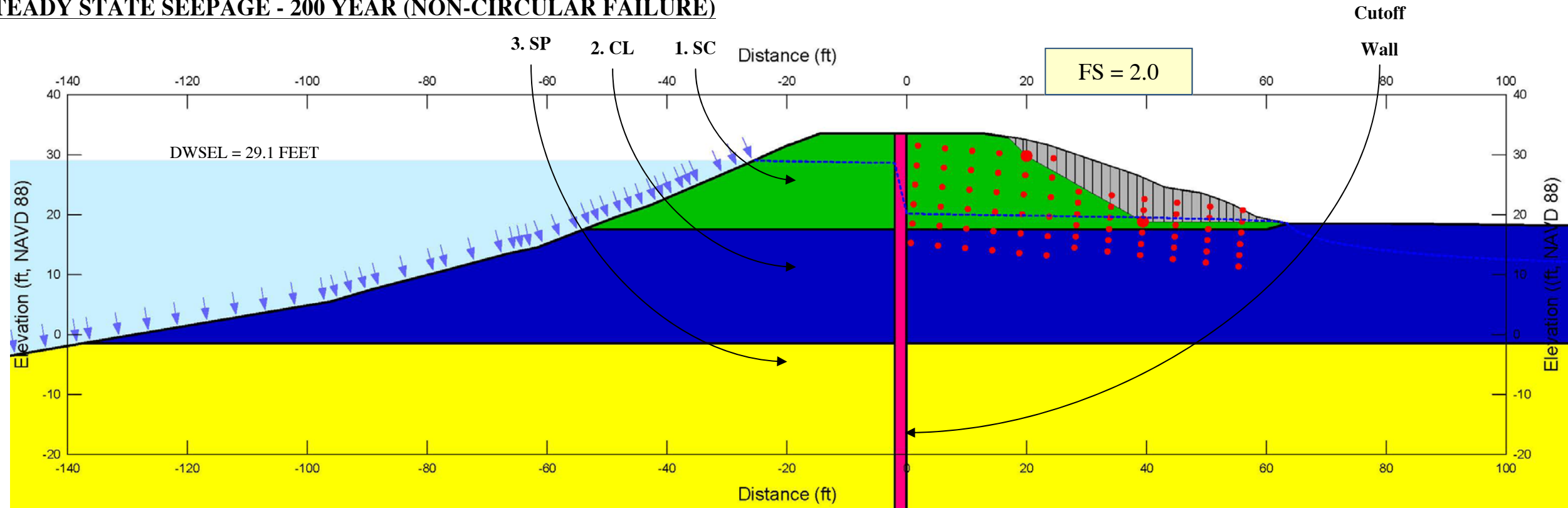
	STATIC SLOPE STABILITY ANALYSIS REACH N2 - STA 813+05 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-62-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



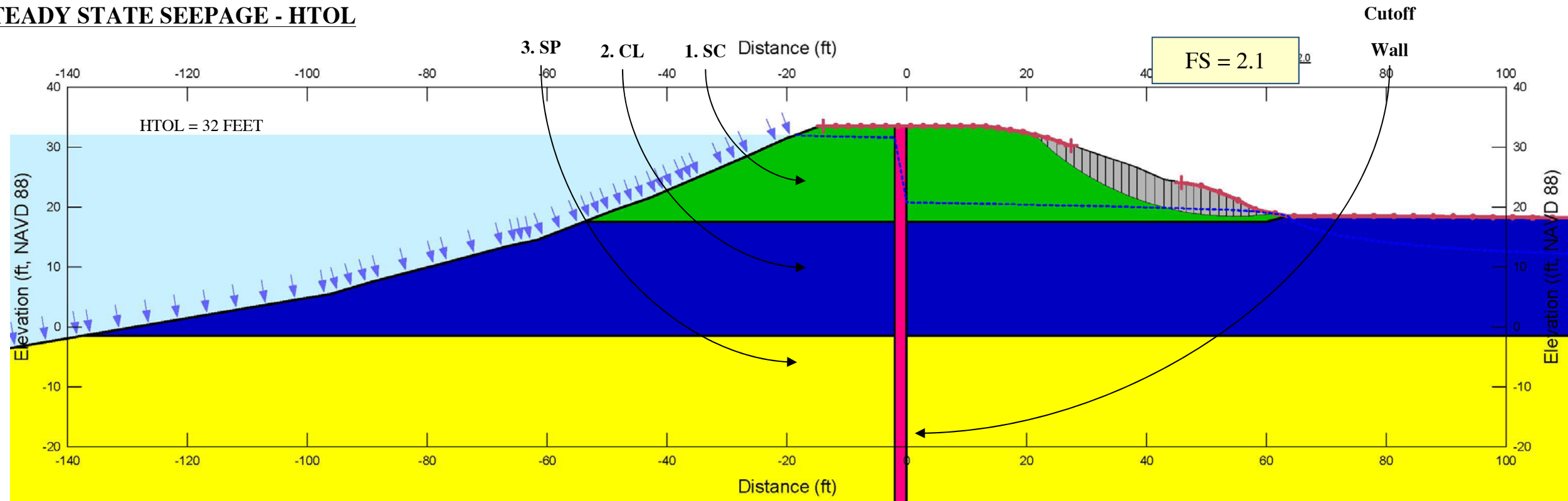
STATIC SLOPE STABILITY ANALYSIS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

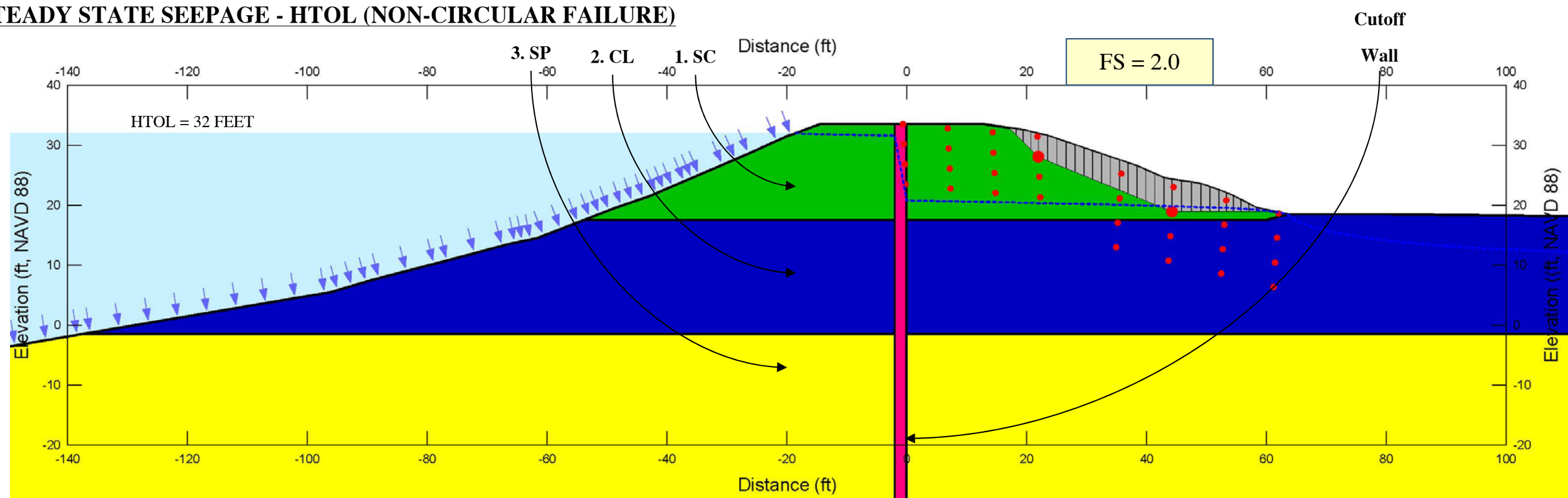
FIGURE NO.
E-62-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

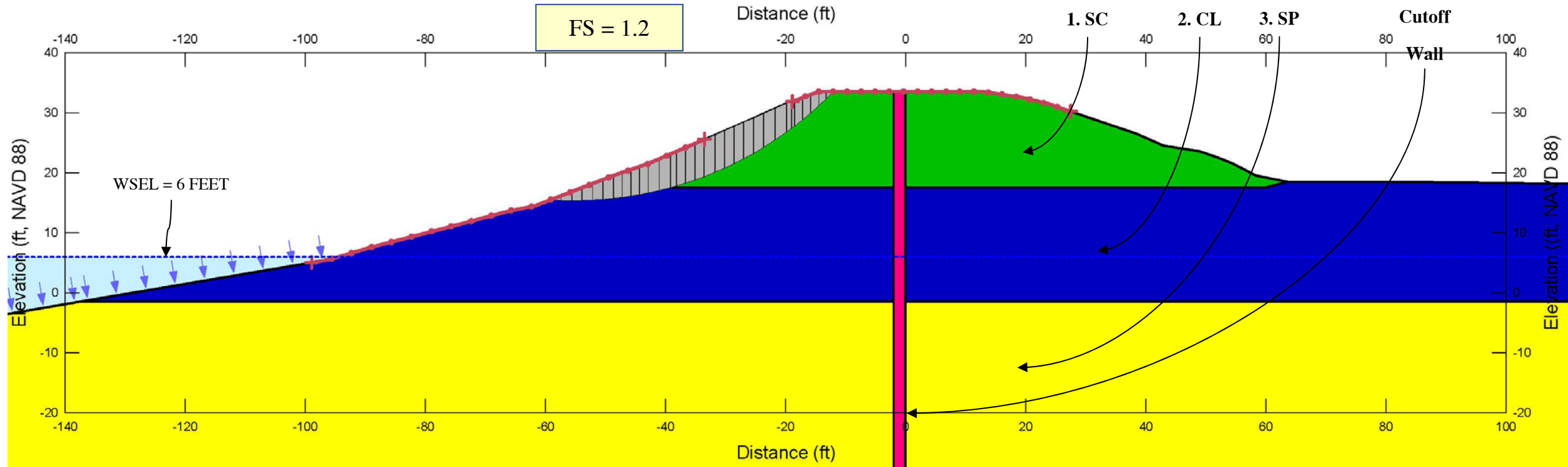
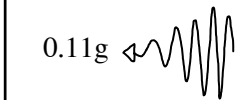


STATIC SLOPE STABILITY ANALYSIS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

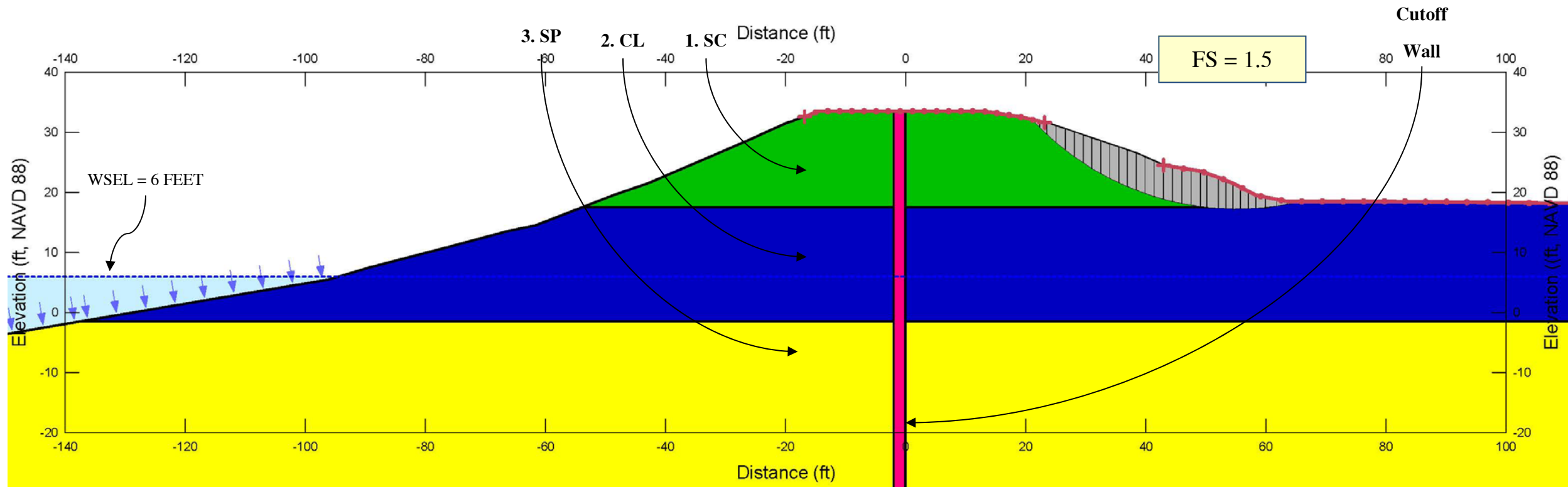
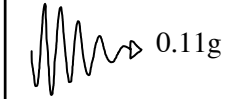
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-62-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC

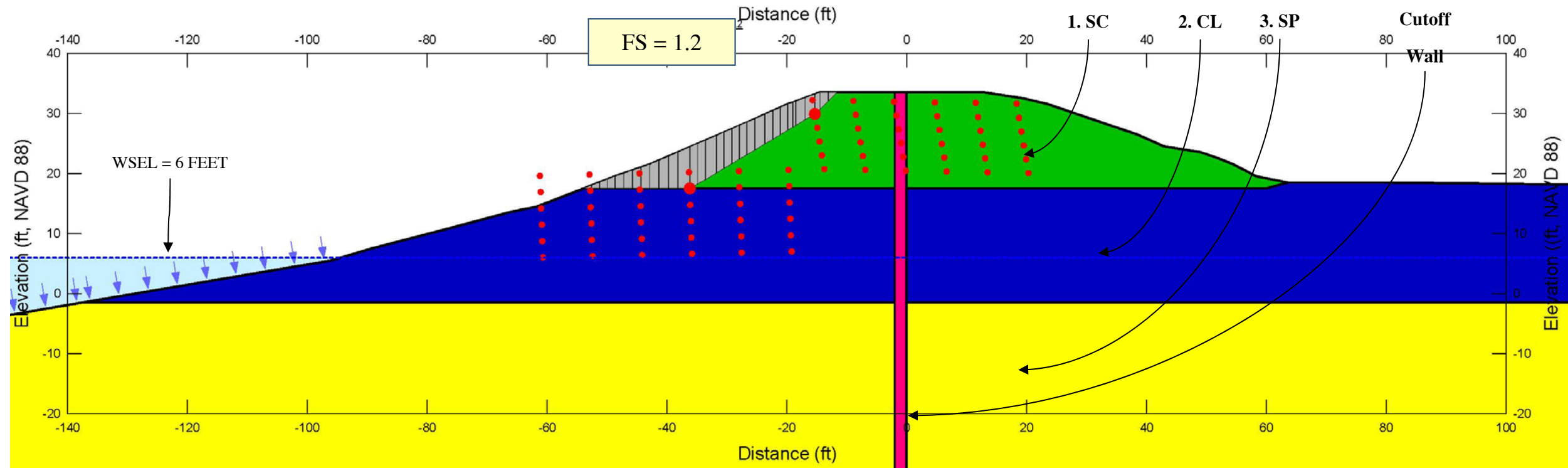


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

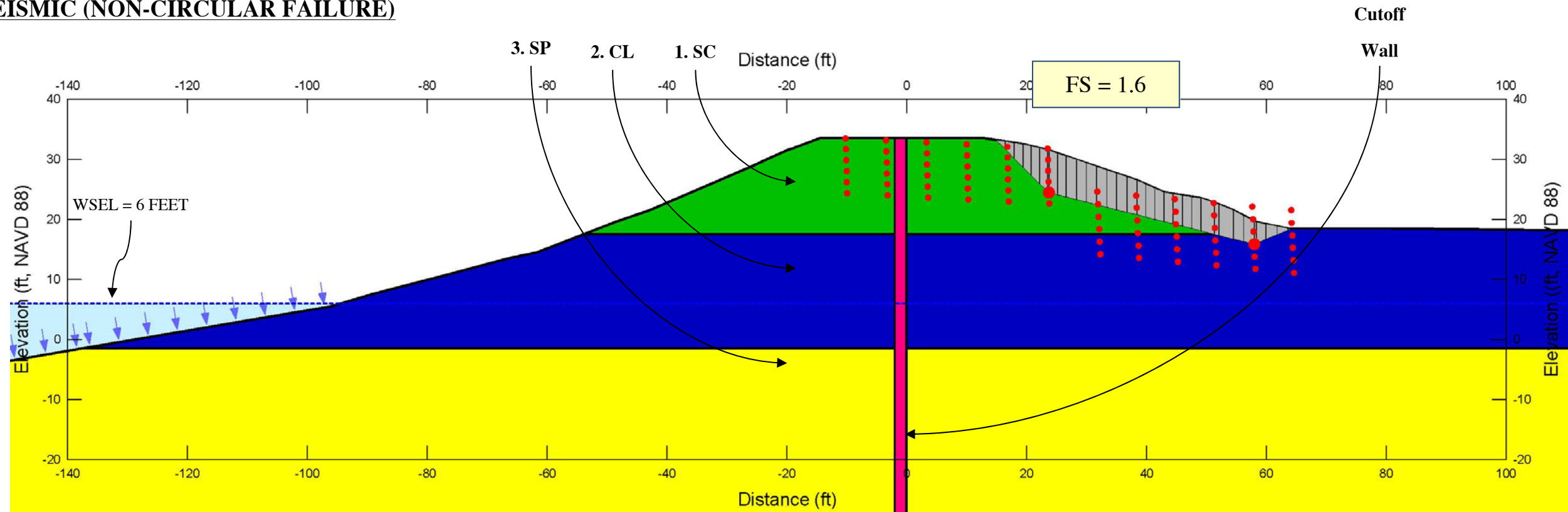
	SEISMIC SLOPE STABILITY ANALYSIS REACH N2 - STA 813+05 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-62-G
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



SEISMIC SLOPE STABILITY ANALYSIS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

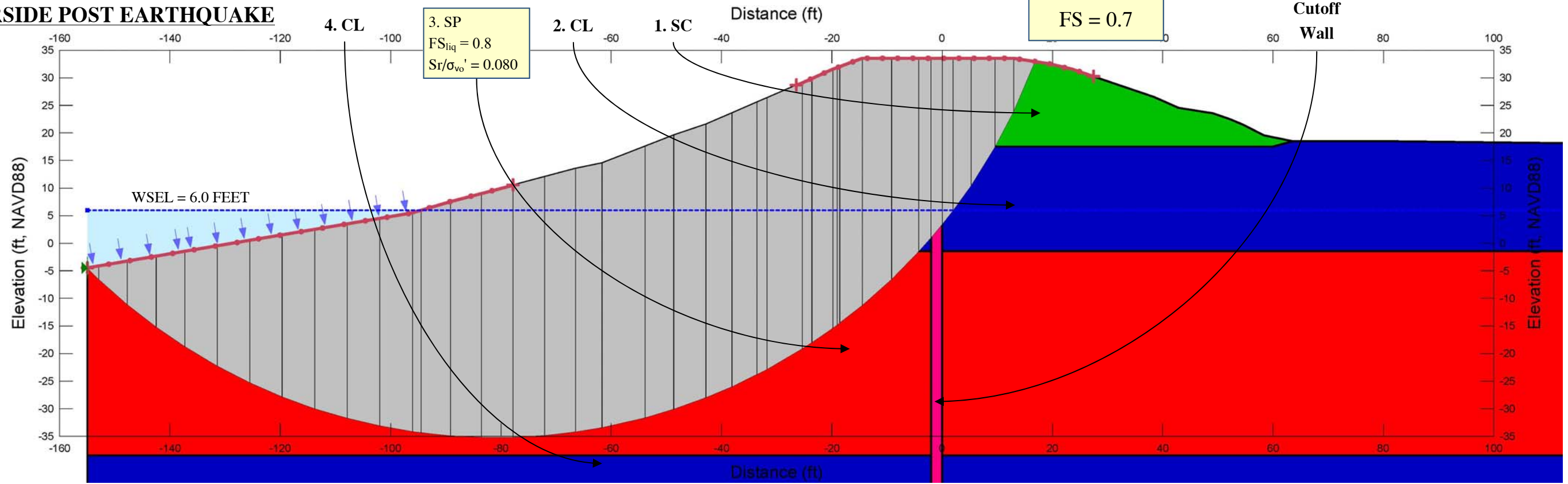
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.

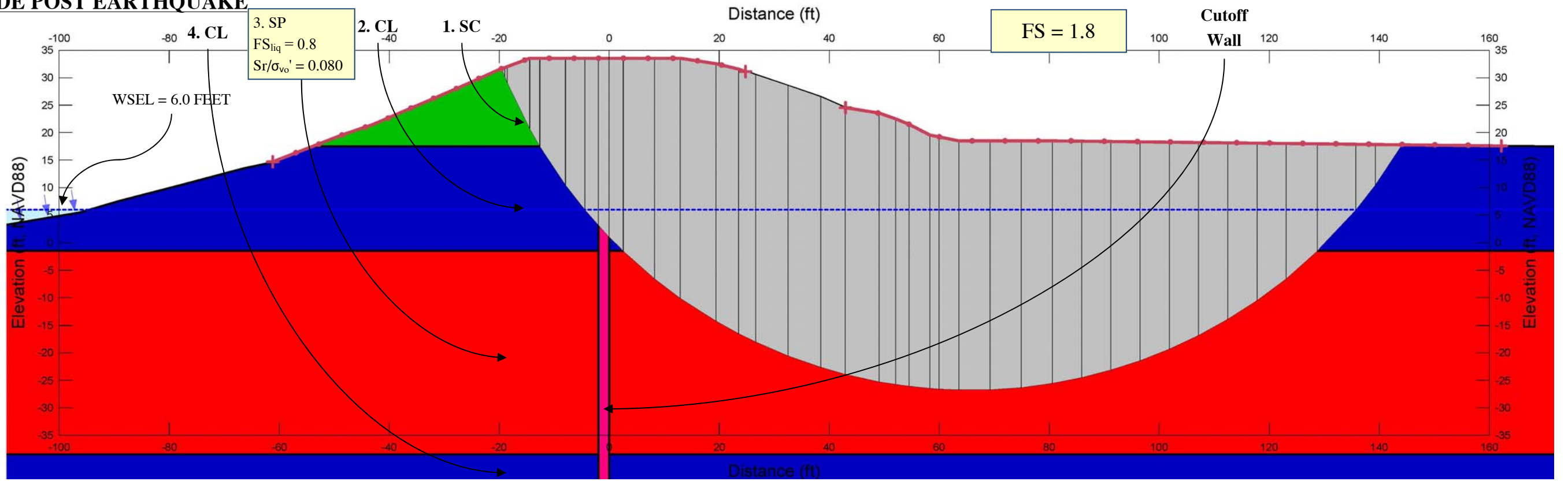
E-62-H

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



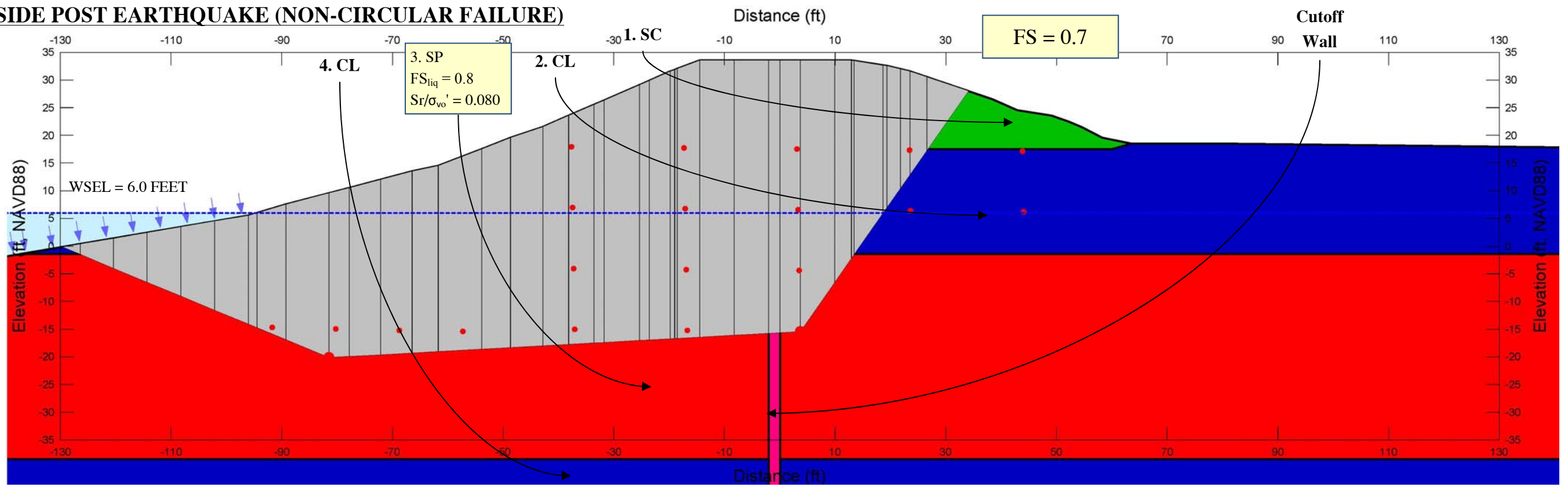
SEISMIC SLOPE STABILITY ANALYSIS
REACH N2 - STA 813+05
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

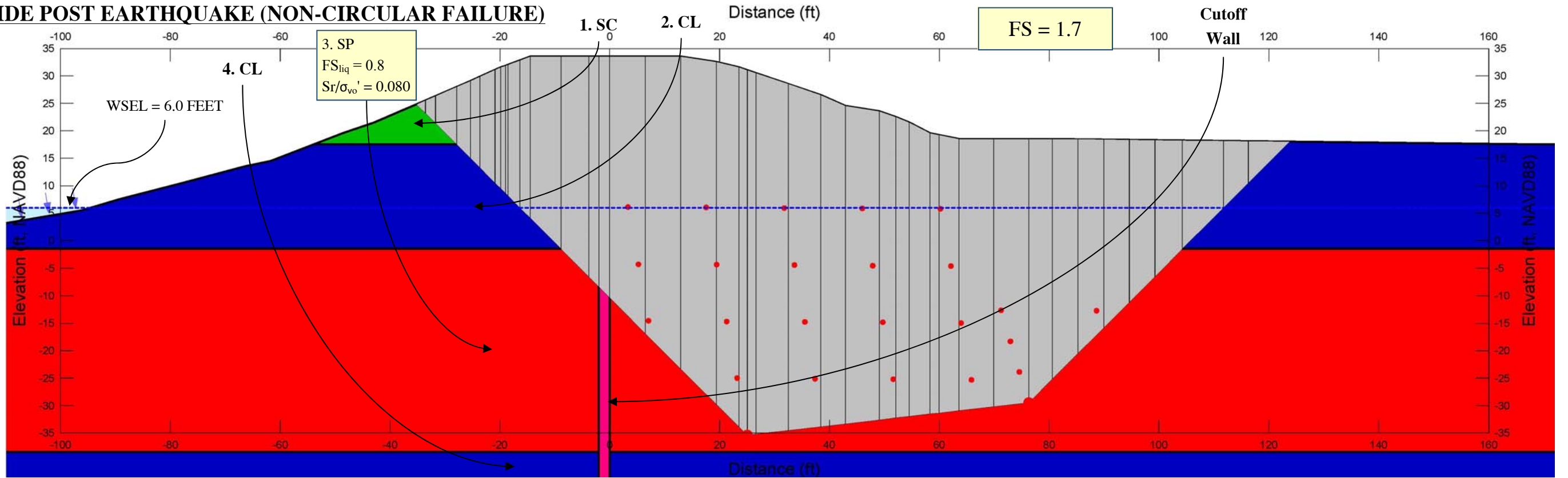
FIGURE NO.
E-62-I

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



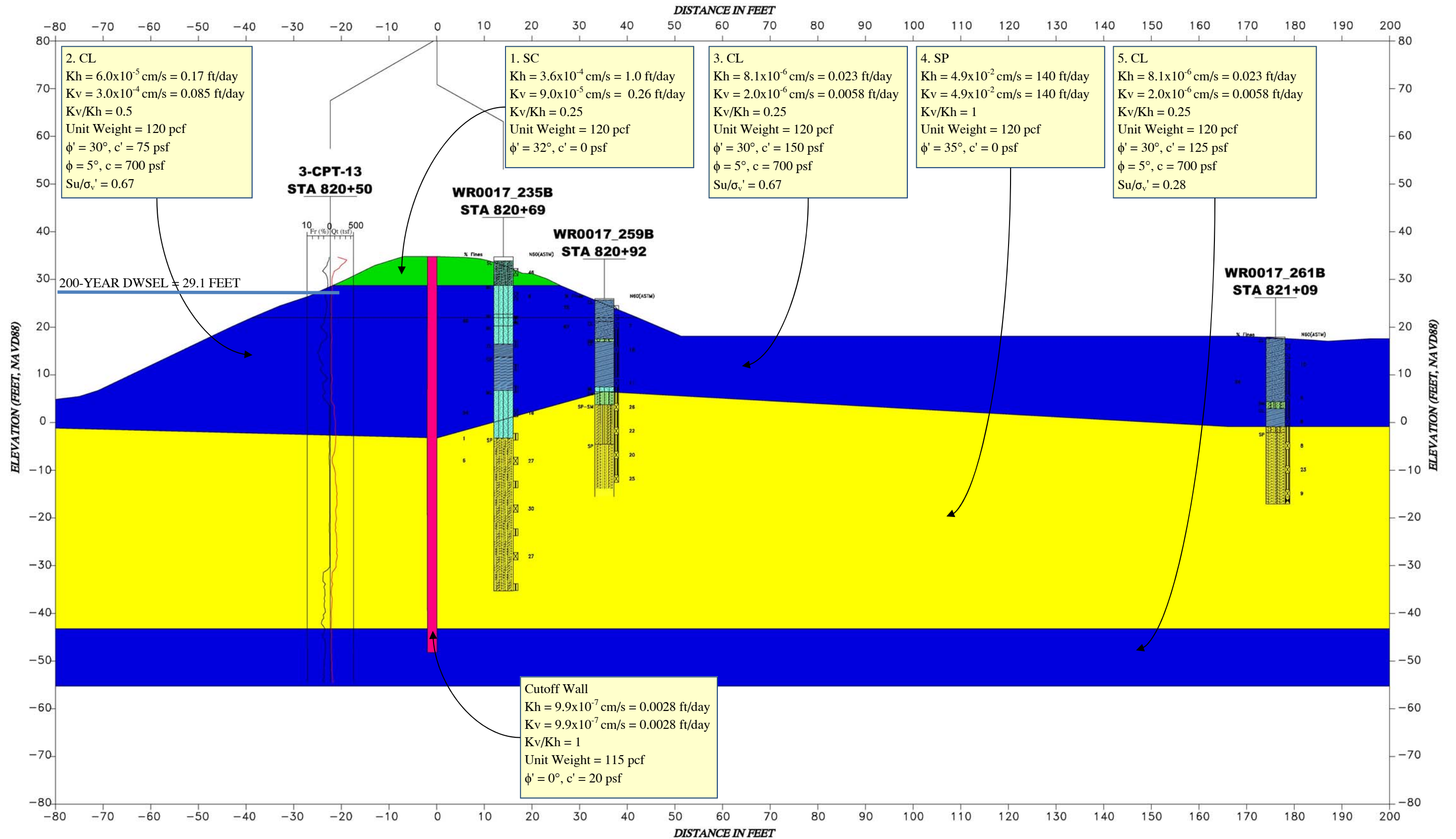
SEISMIC SLOPE STABILITY ANALYSIS
 REACH N2 - STA 813+05
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: CC

FIGURE NO.
E-62-J

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



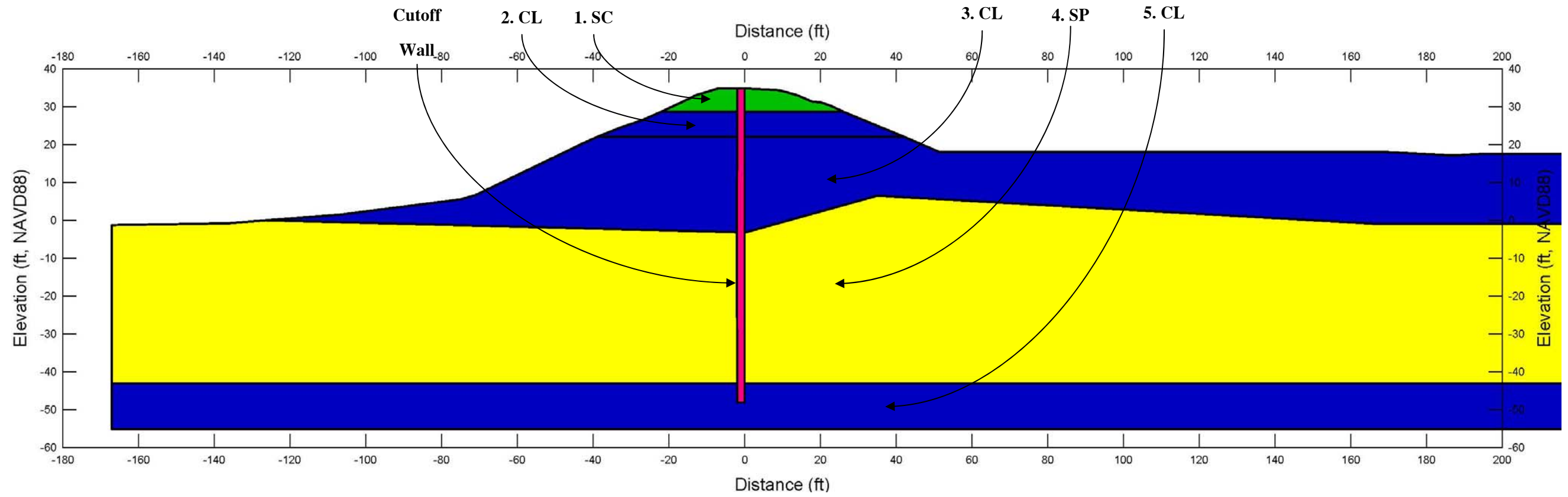
CROSS SECTION & MATERIAL PARAMETERS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: AL

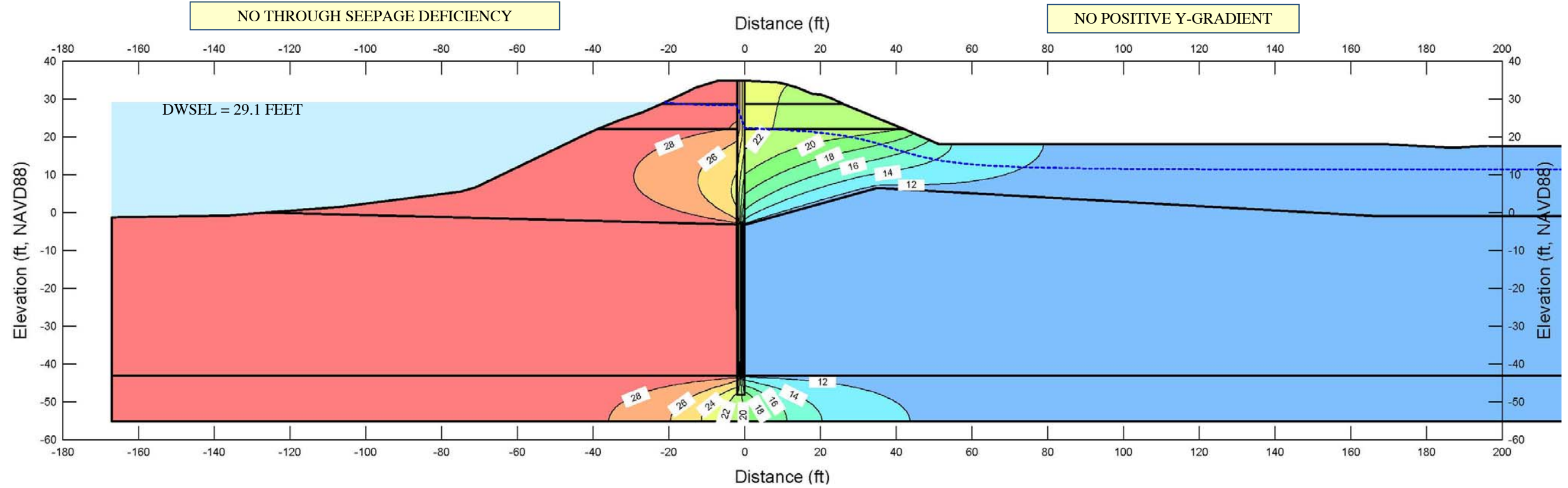
FIGURE NO.
E-63-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



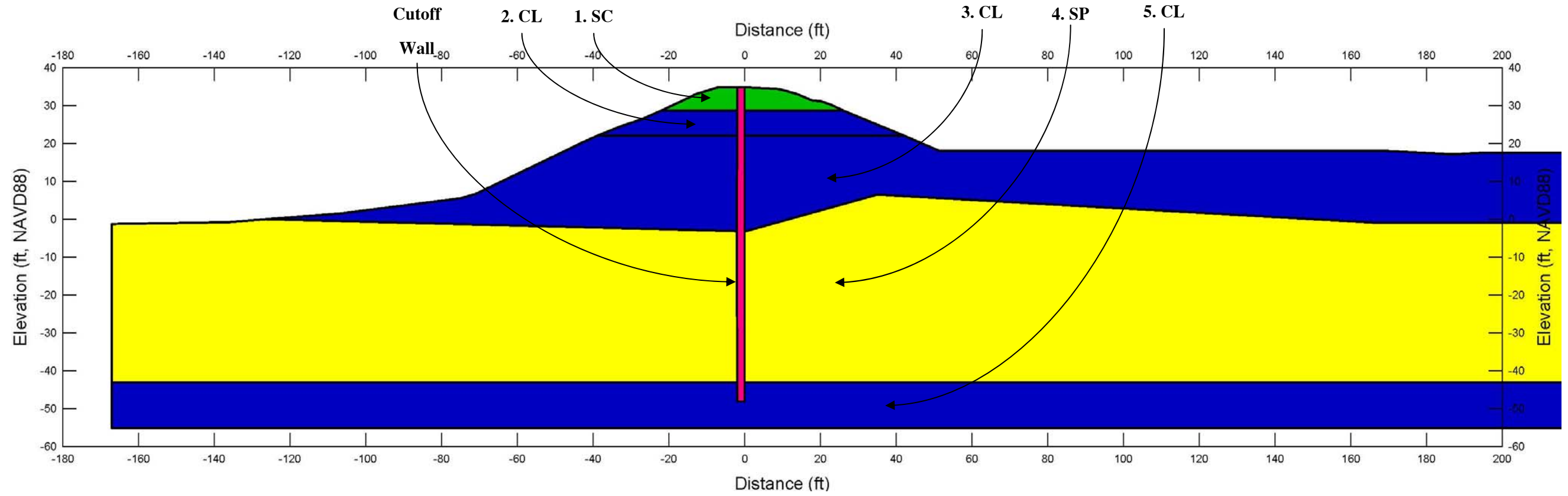
TOTAL HEAD CONTOURS - 200 YEAR



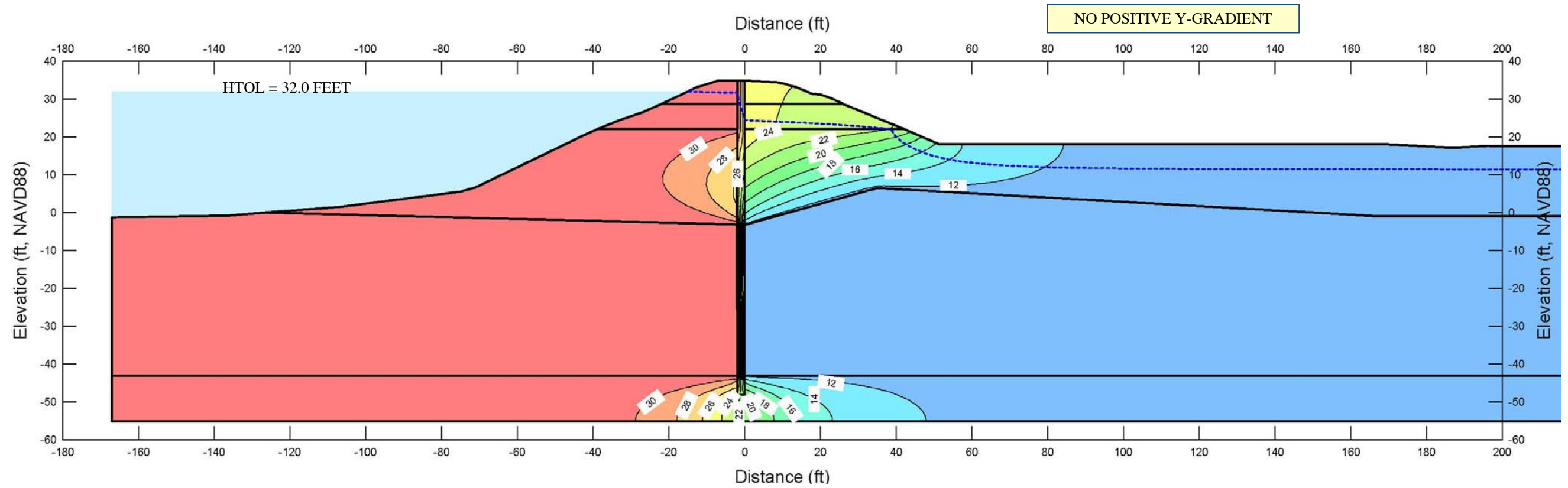
	SEEPAGE ANALYSIS REACH N2- STA 820+69 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-63-B
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

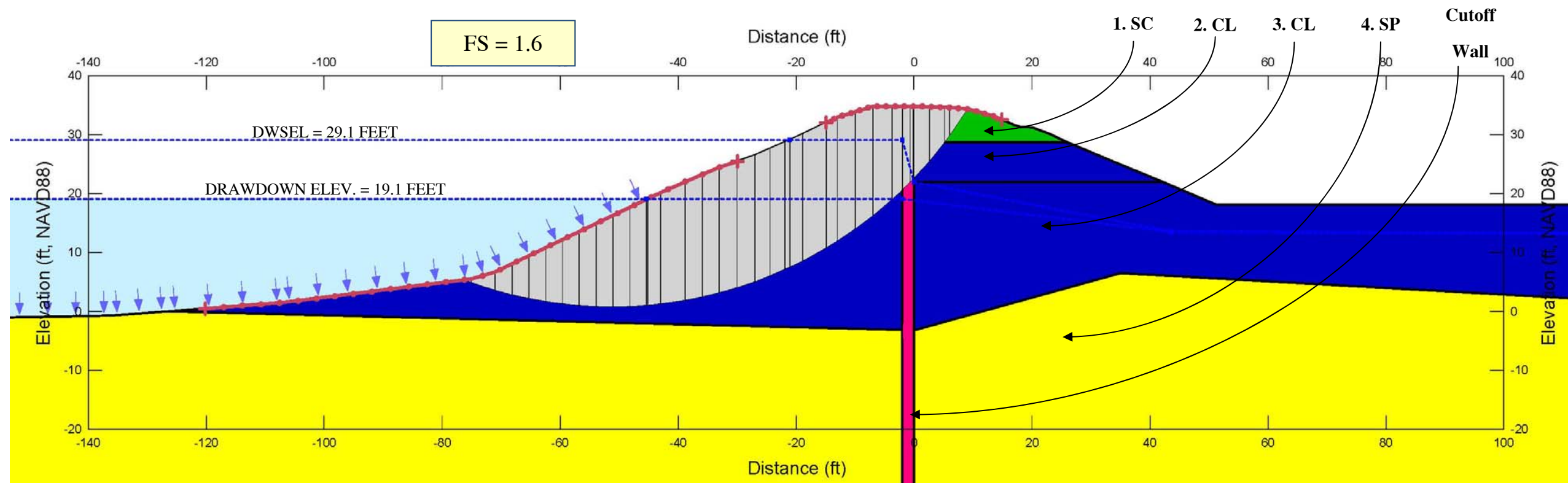
GEOMETRY OF MODEL



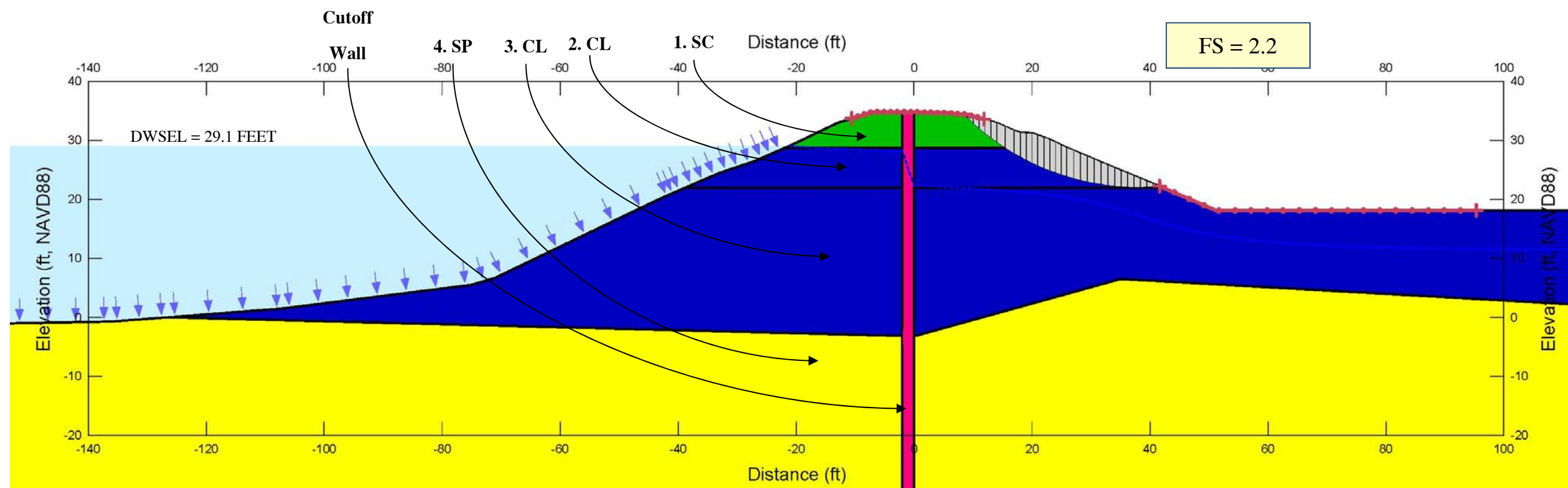
TOTAL HEAD CONTOURS - HTOL



WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



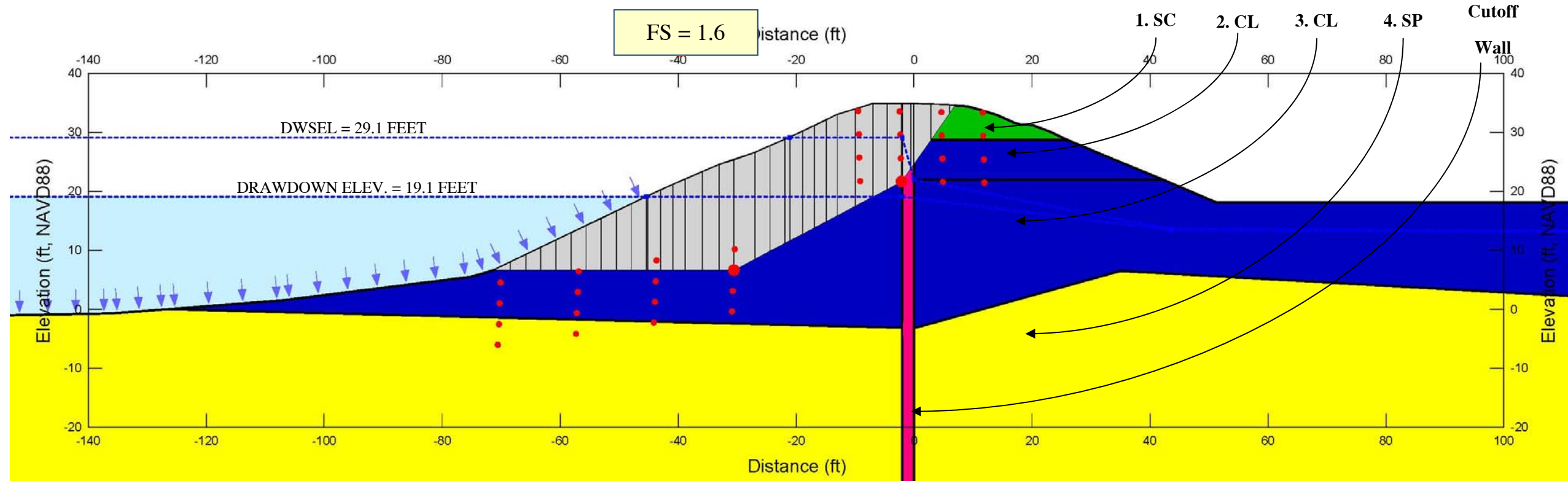
STATIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

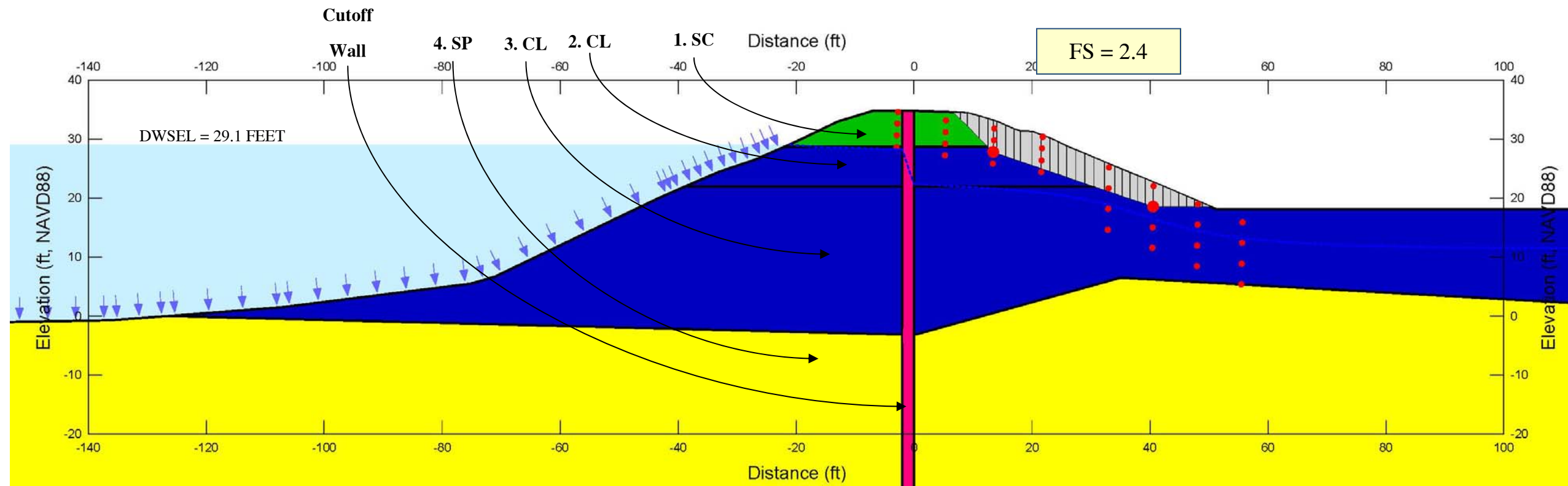
FIGURE NO.
E-63-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN (NON-CIRCULAR FAILURE)



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR (NON-CIRCULAR FAILURE)



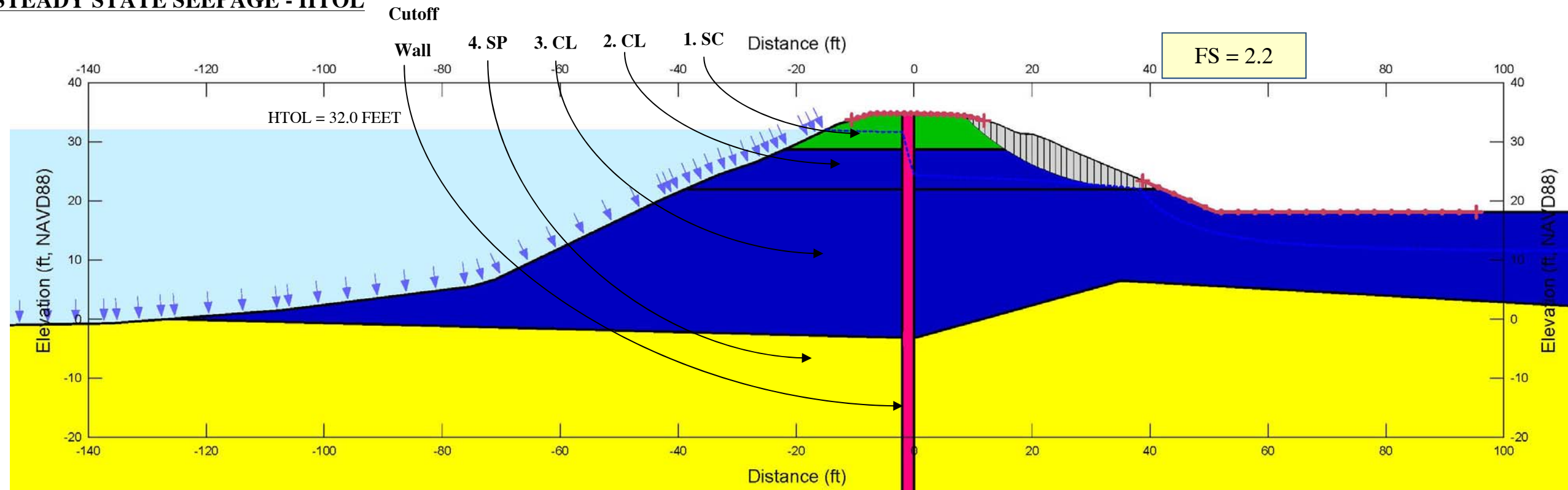
STATIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

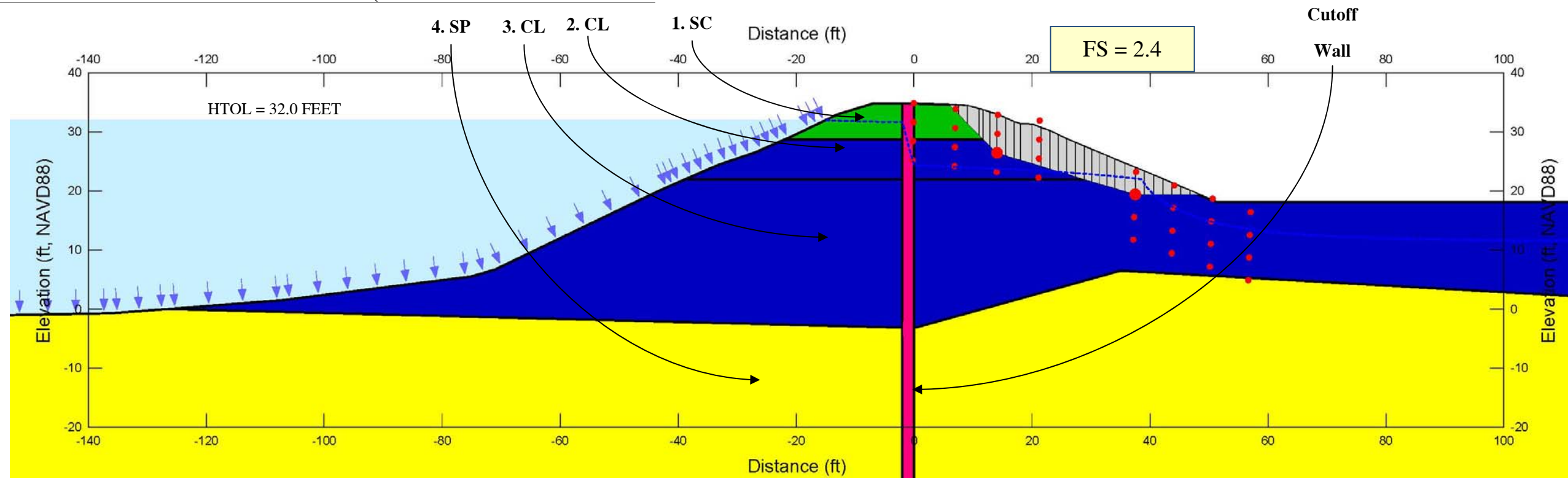
FIGURE NO.
E-63-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



LANDSIDE STEADY STATE SEEPAGE - HTOL (NON-CIRCULAR FAILURE)

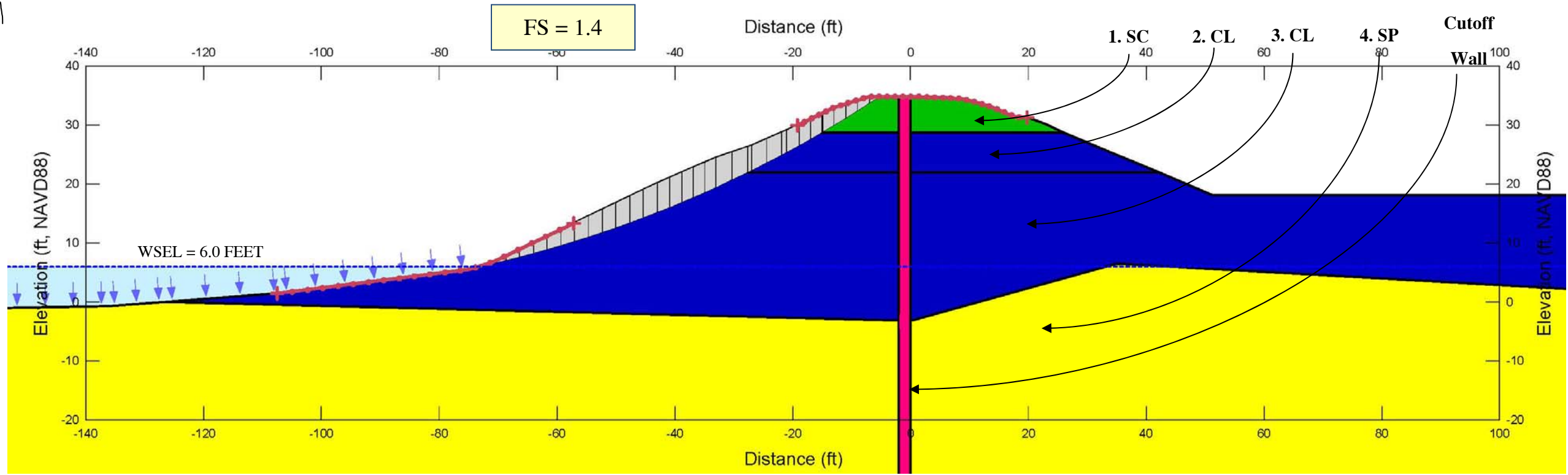
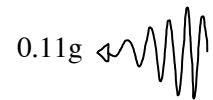


STATIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

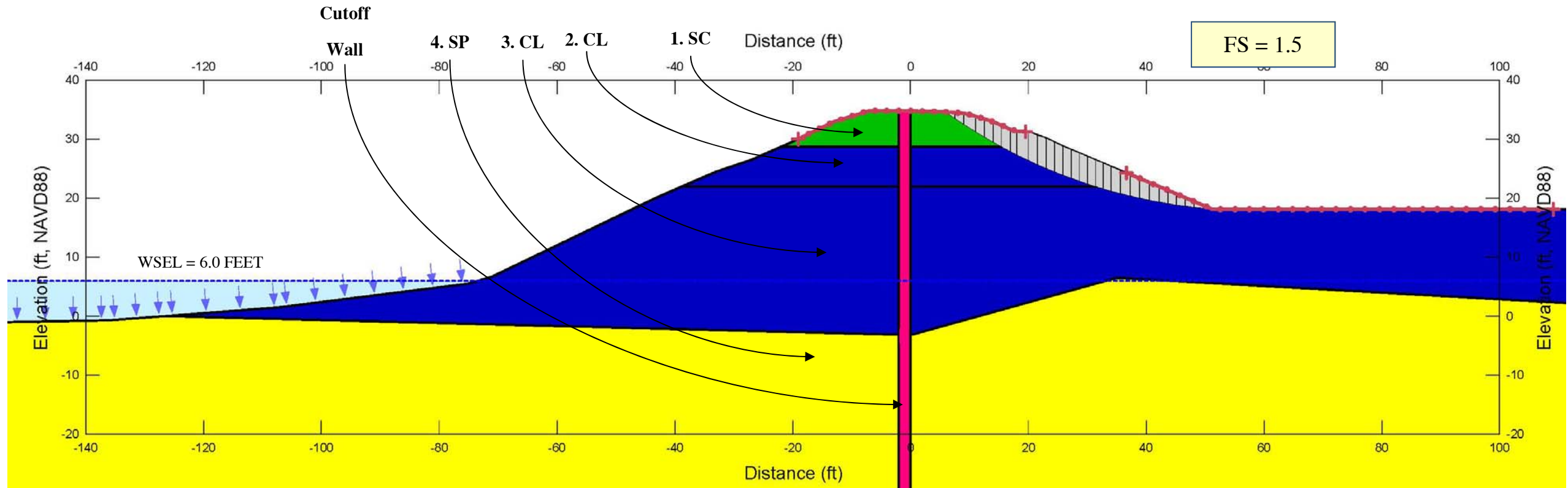
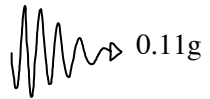
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-63-F

WATERSIDE SEISMIC



LANDSIDE SEISMIC

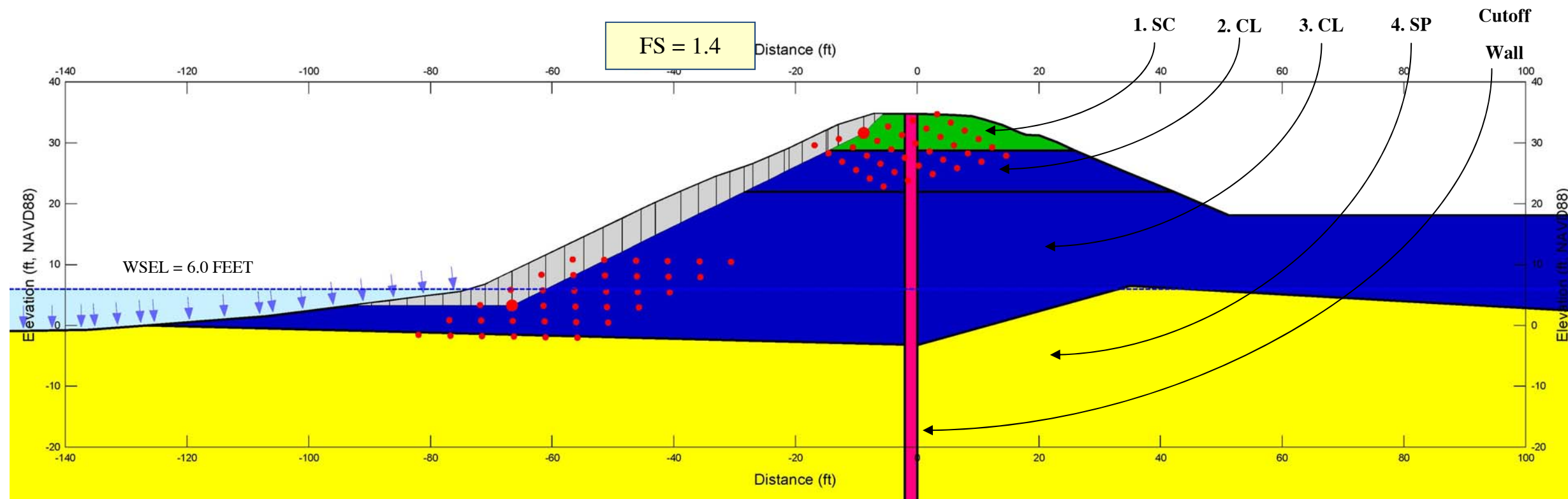


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

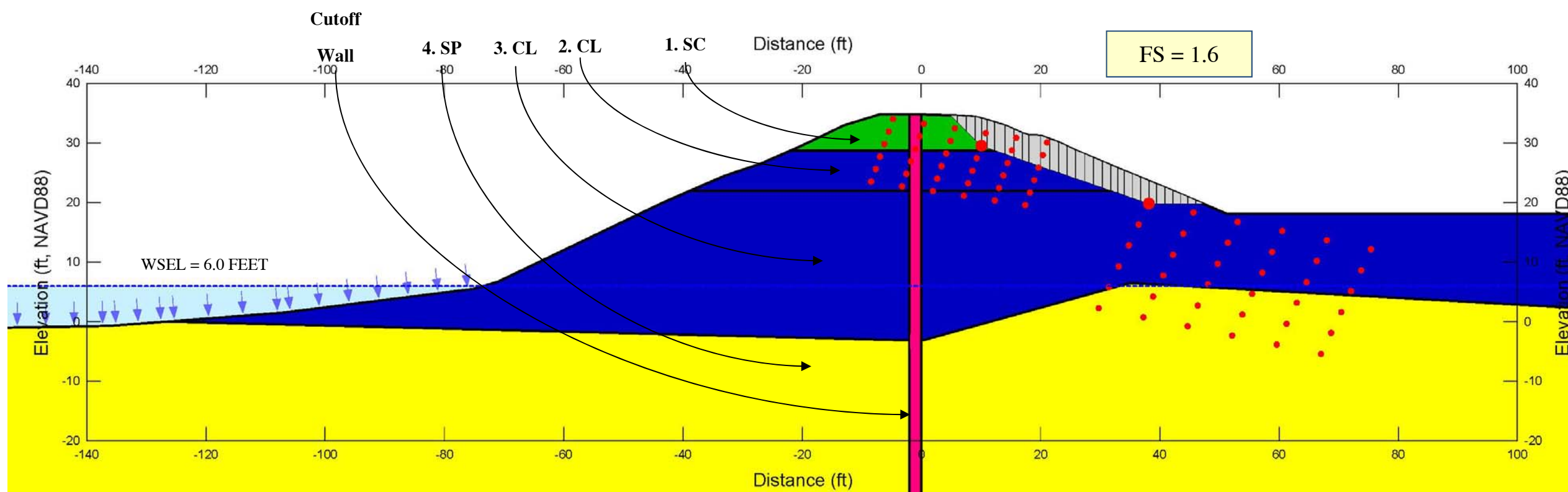
	SEISMIC SLOPE STABILITY ANALYSIS REACH N2- STA 820+69 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-63-G
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC (NON-CIRCULAR FAILURE)



LANDSIDE SEISMIC (NON-CIRCULAR FAILURE)



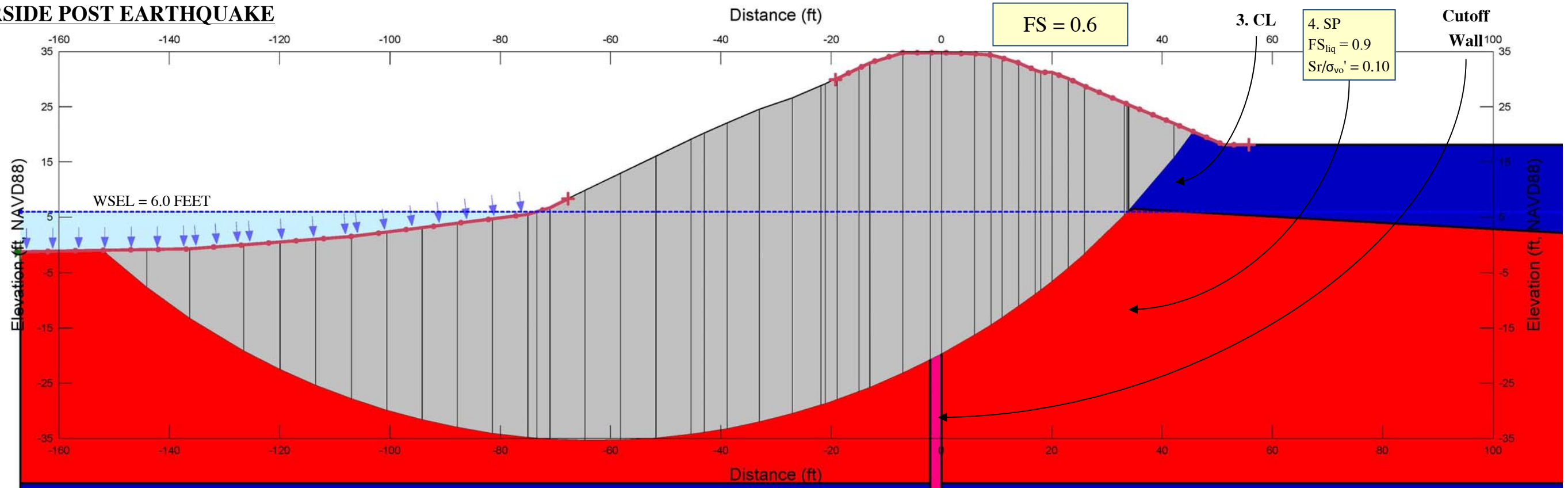
SEISMIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

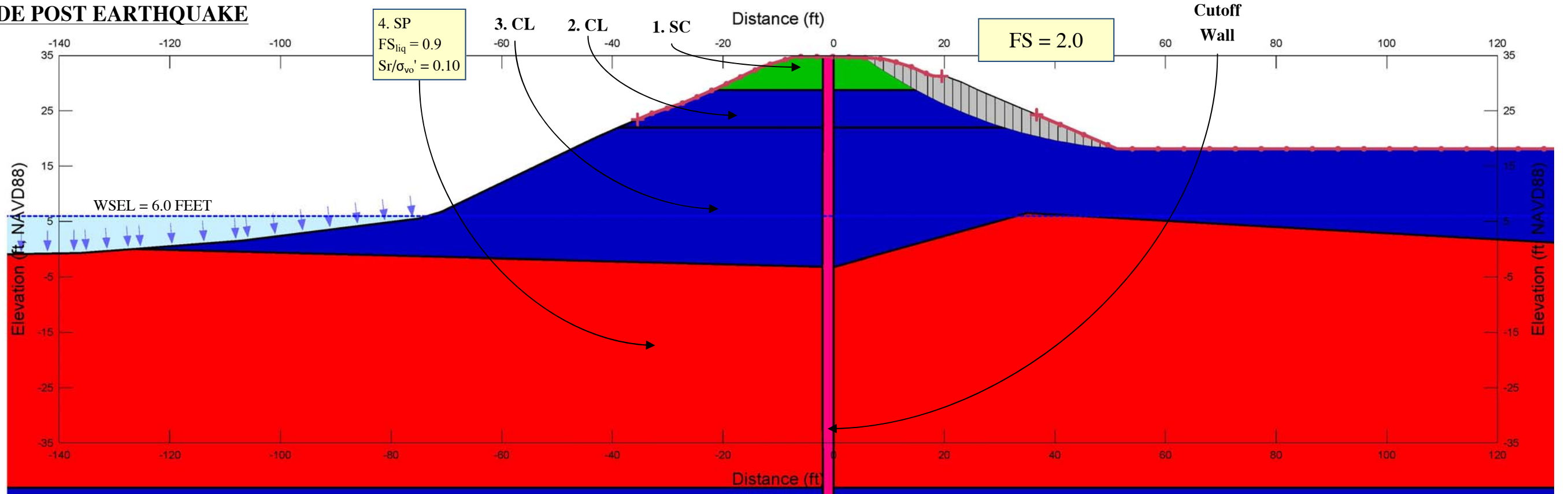
FIGURE NO.
E-63-H

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



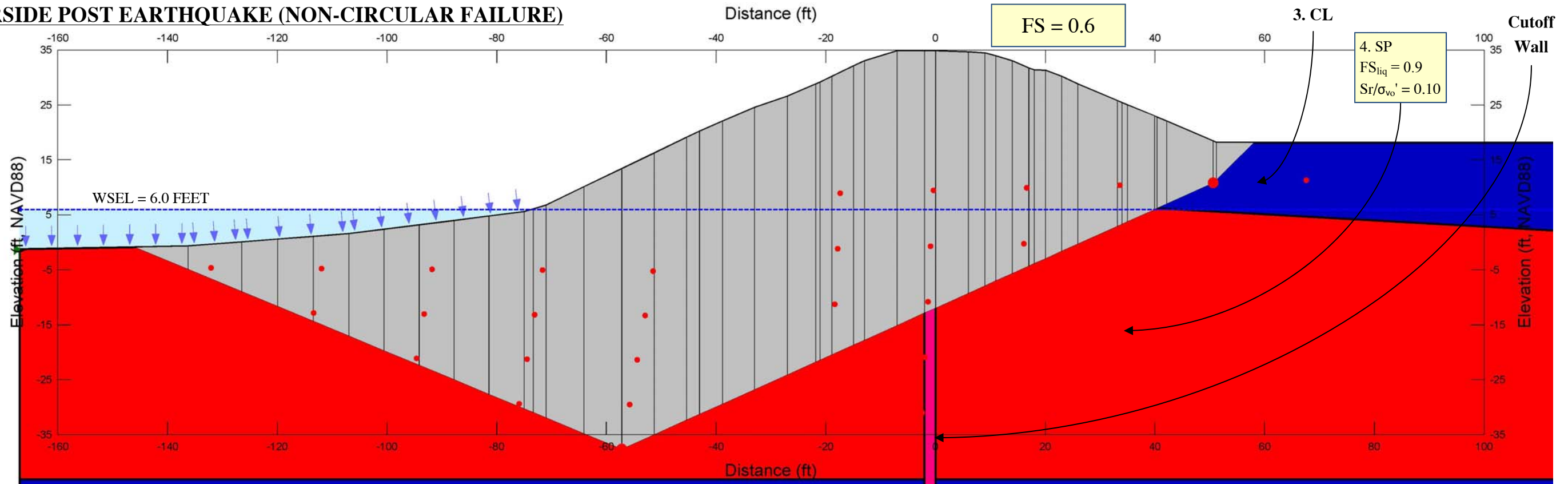
SEISMIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

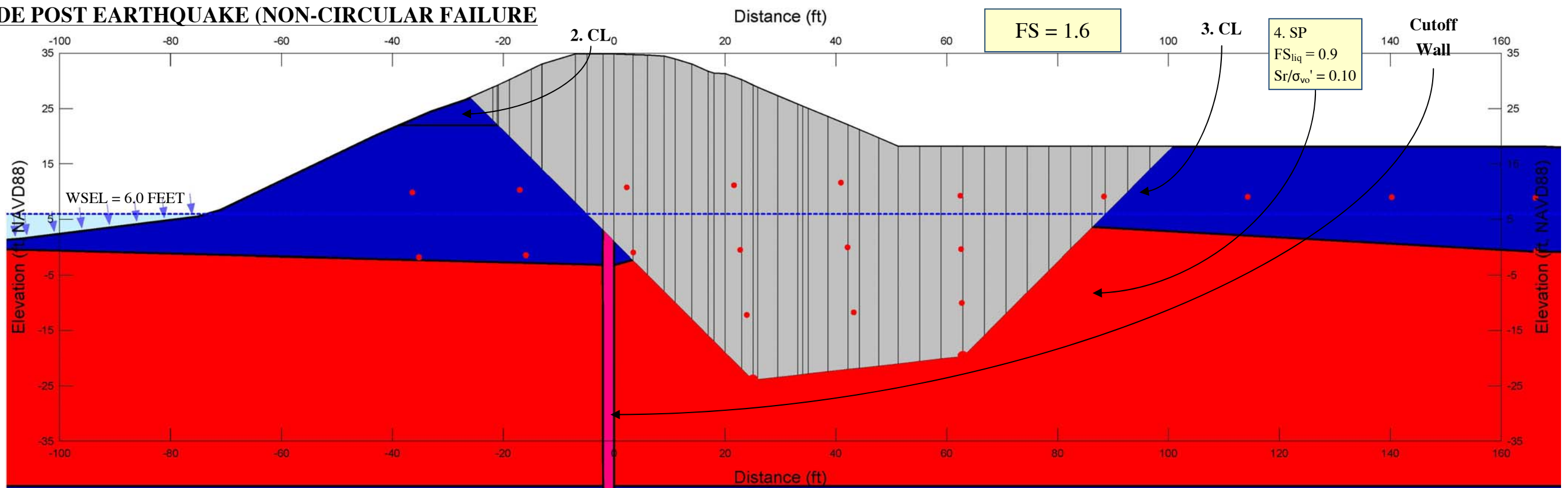
FIGURE NO.
E-63-I

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



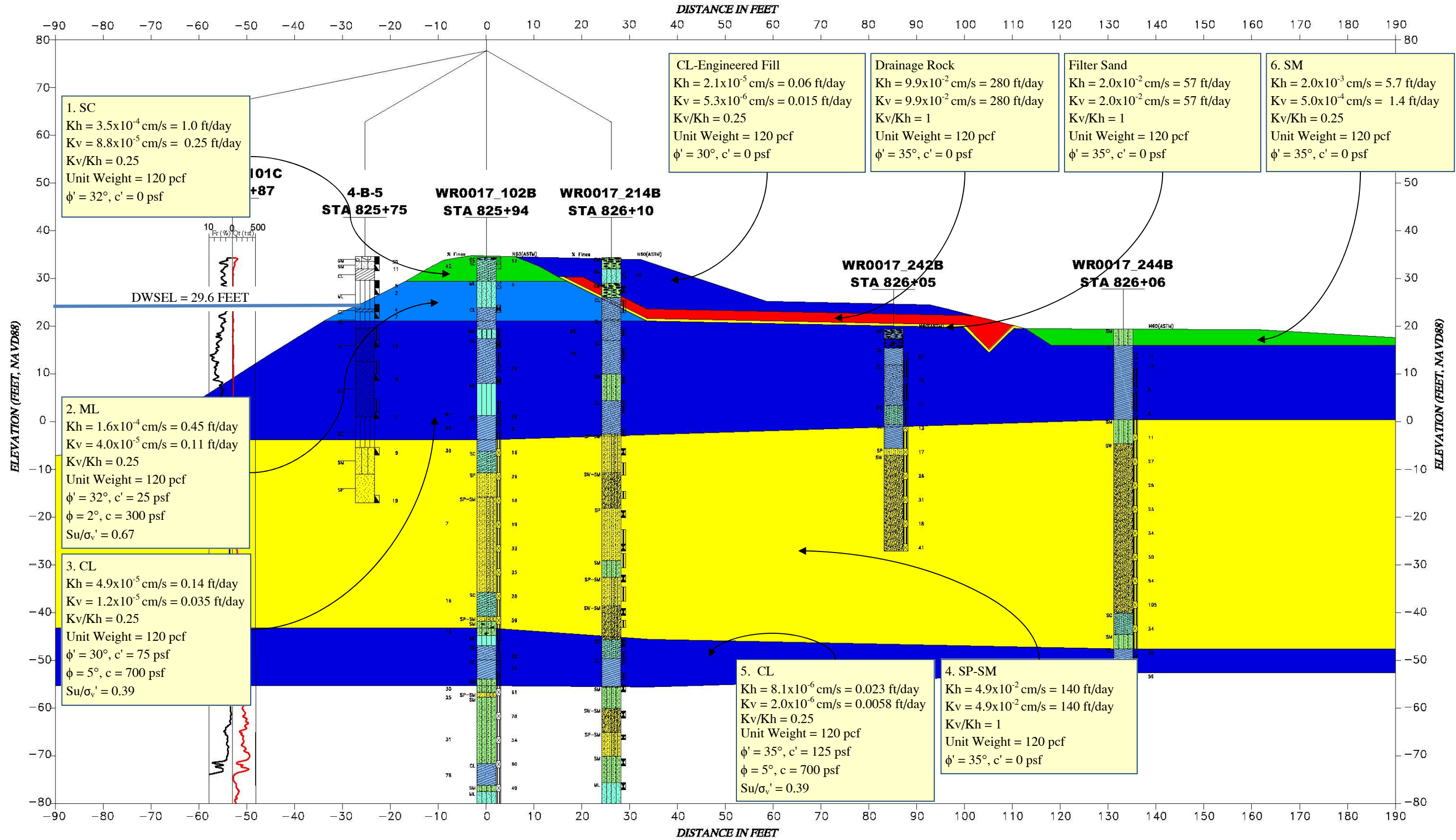
SEISMIC SLOPE STABILITY ANALYSIS
 REACH N2- STA 820+69
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-63-J

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



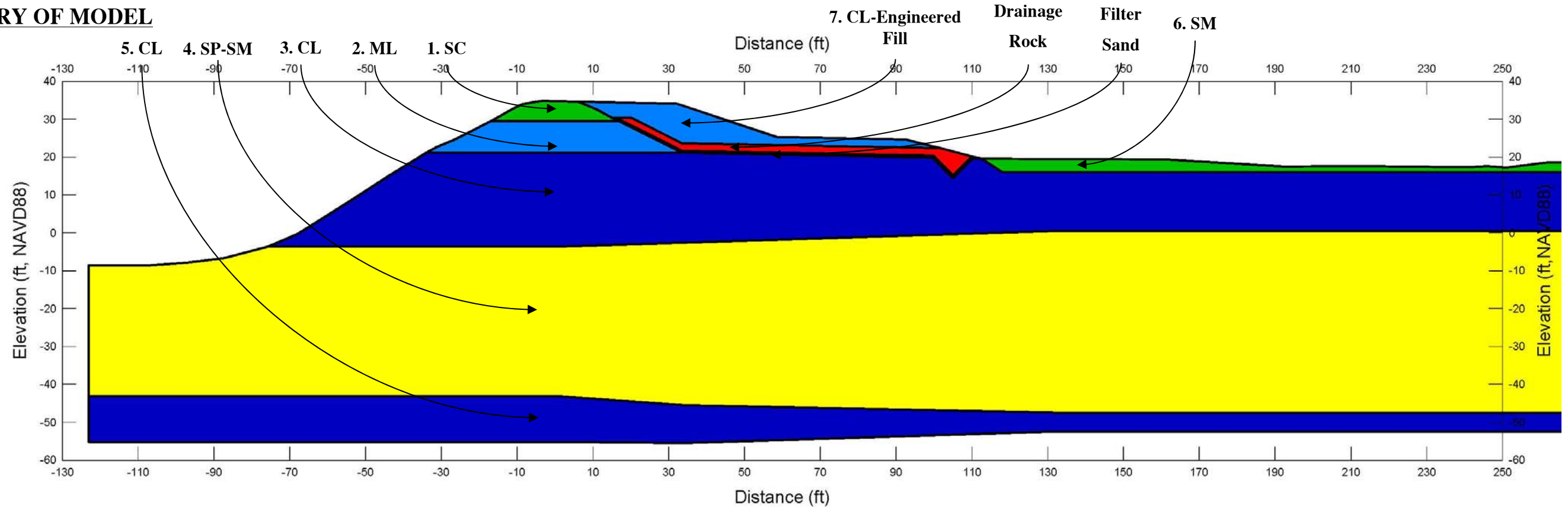
CROSS SECTION & MATERIAL PARAMETERS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: AL

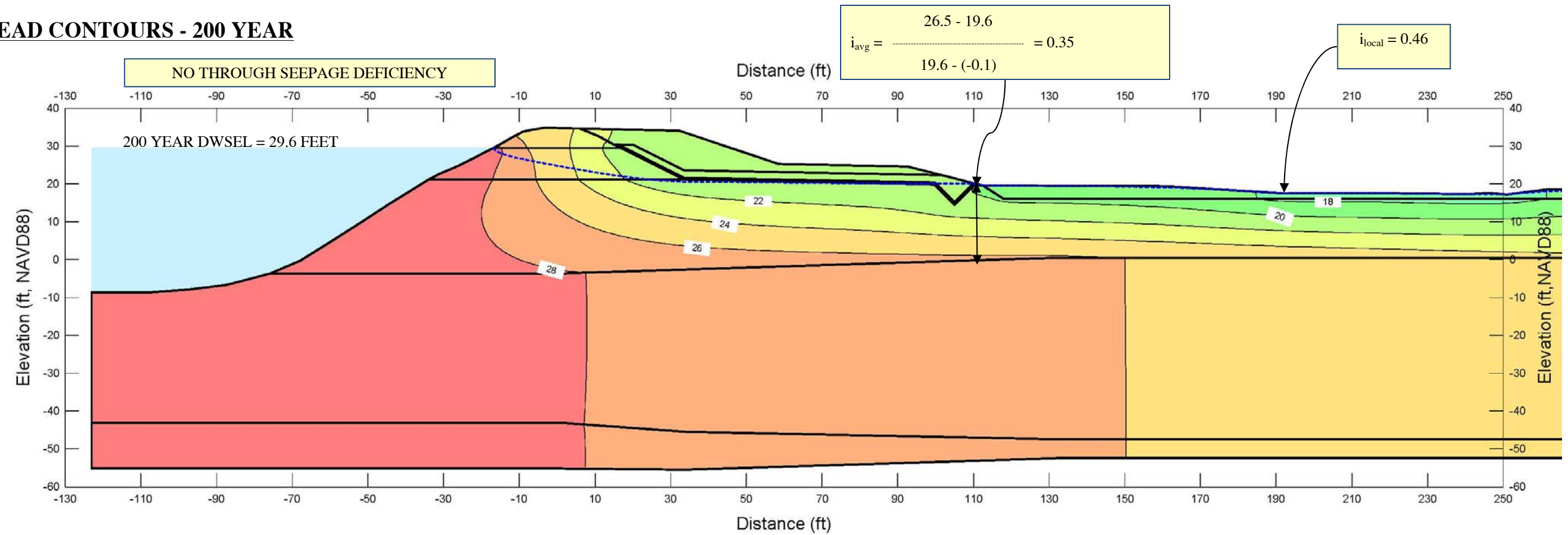
FIGURE NO.
E-64-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



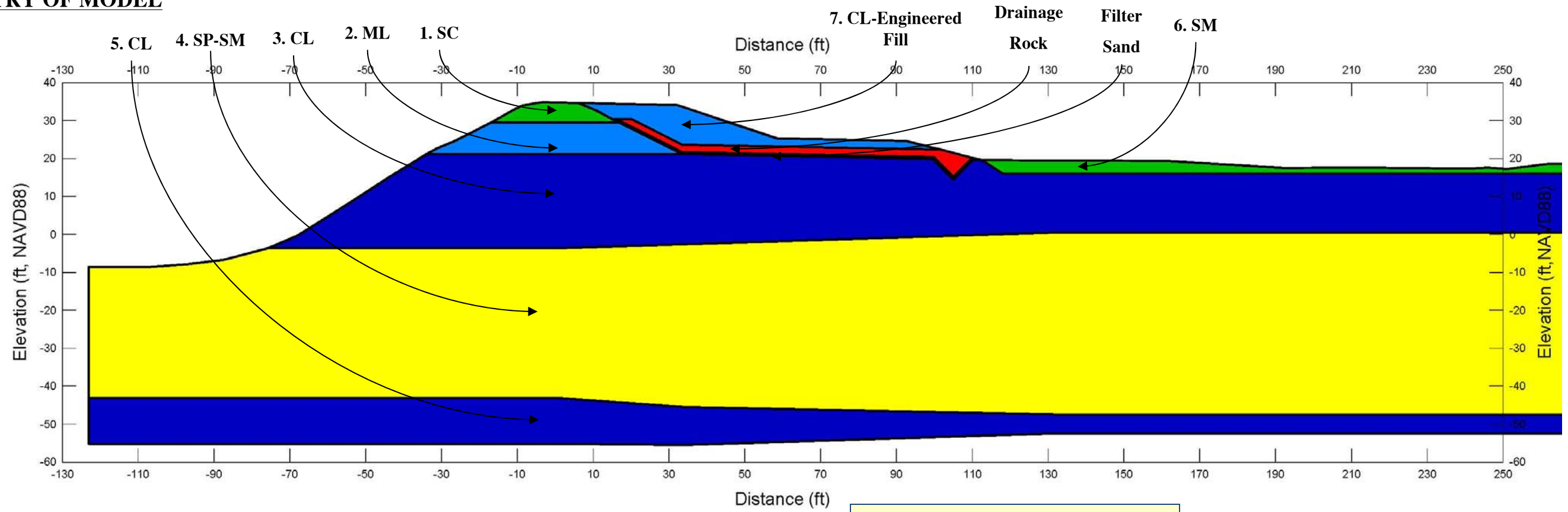
TOTAL HEAD CONTOURS - 200 YEAR



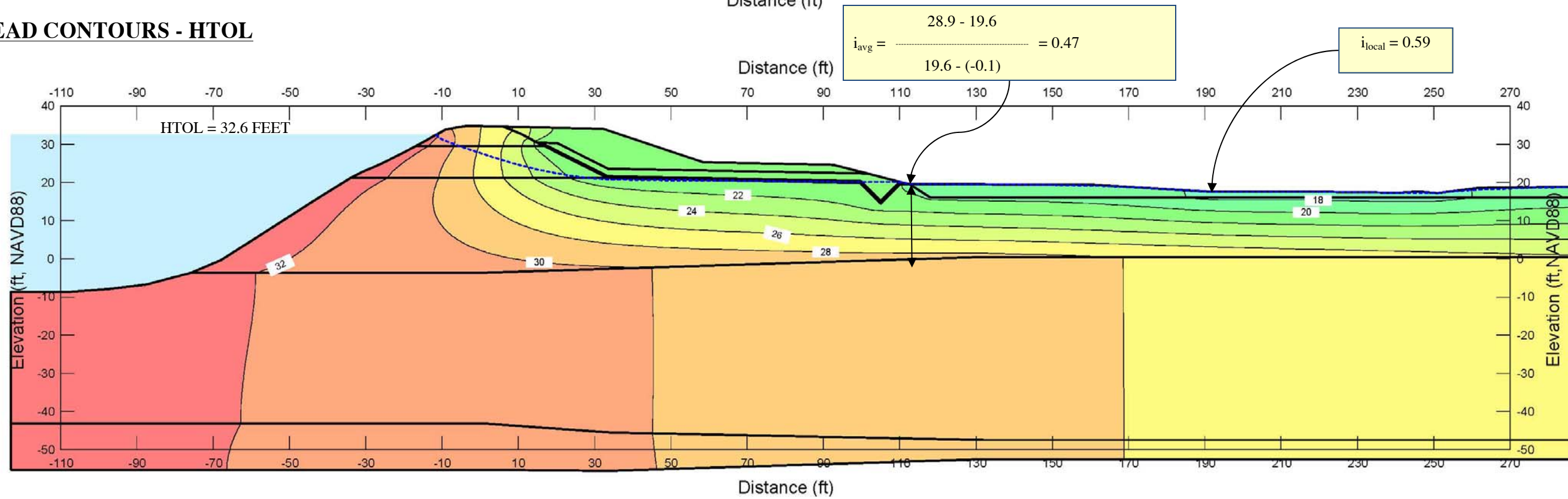
	SEEPAGE ANALYSIS REACH 01- STA 825+86 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-64-B
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



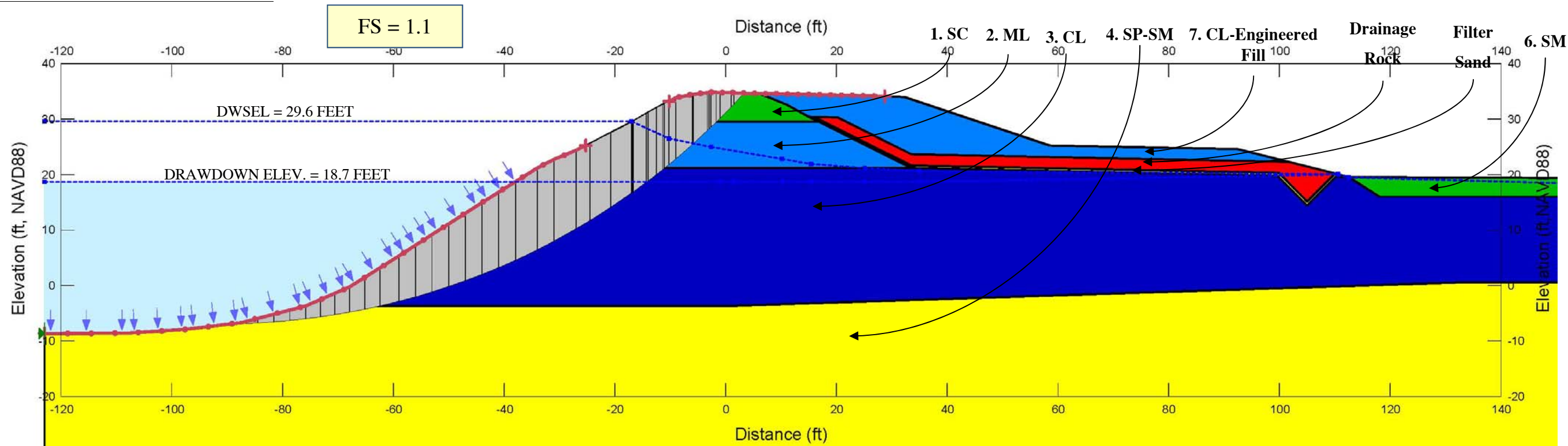
SEEPAGE ANALYSIS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

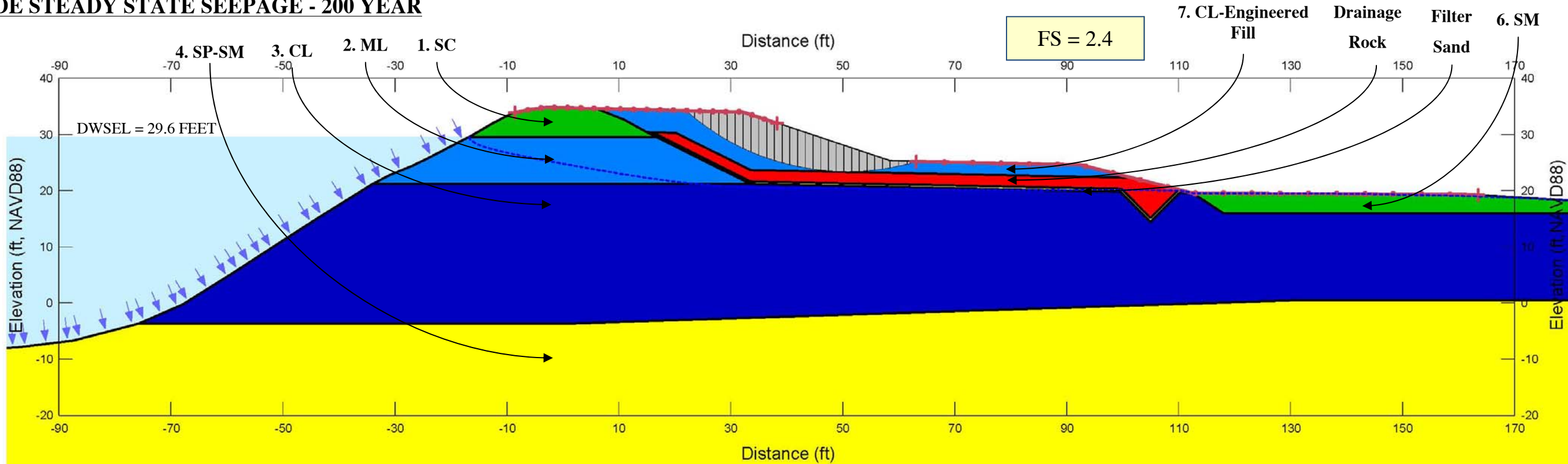
FIGURE NO.
E-64-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



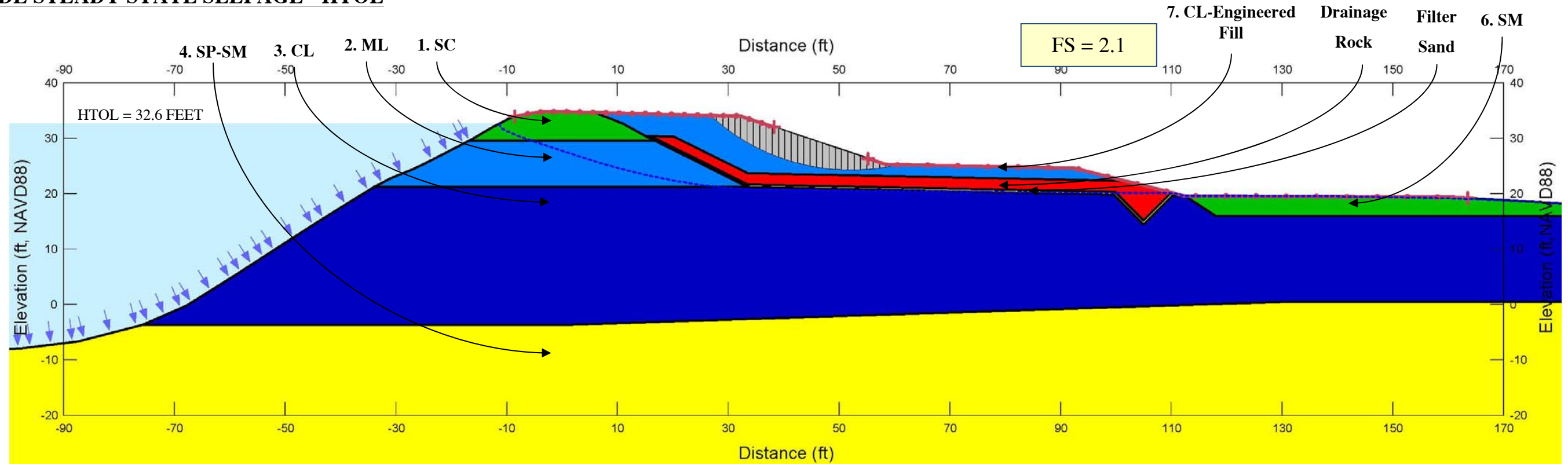
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



	STATIC SLOPE STABILITY ANALYSIS REACH O1- STA 825+86 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-64-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



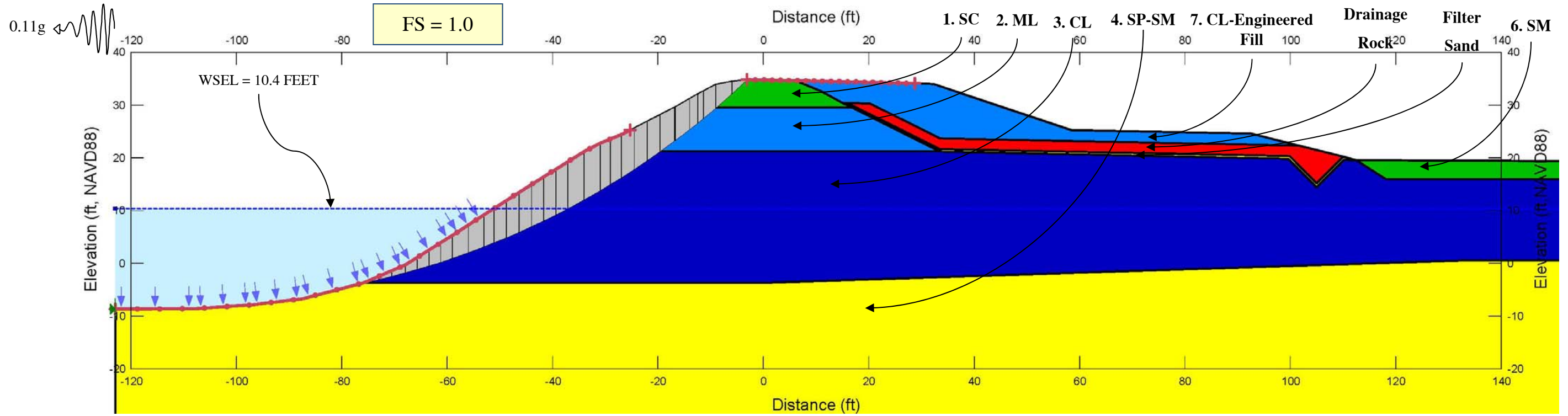
STATIC SLOPE STABILITY ANALYSIS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

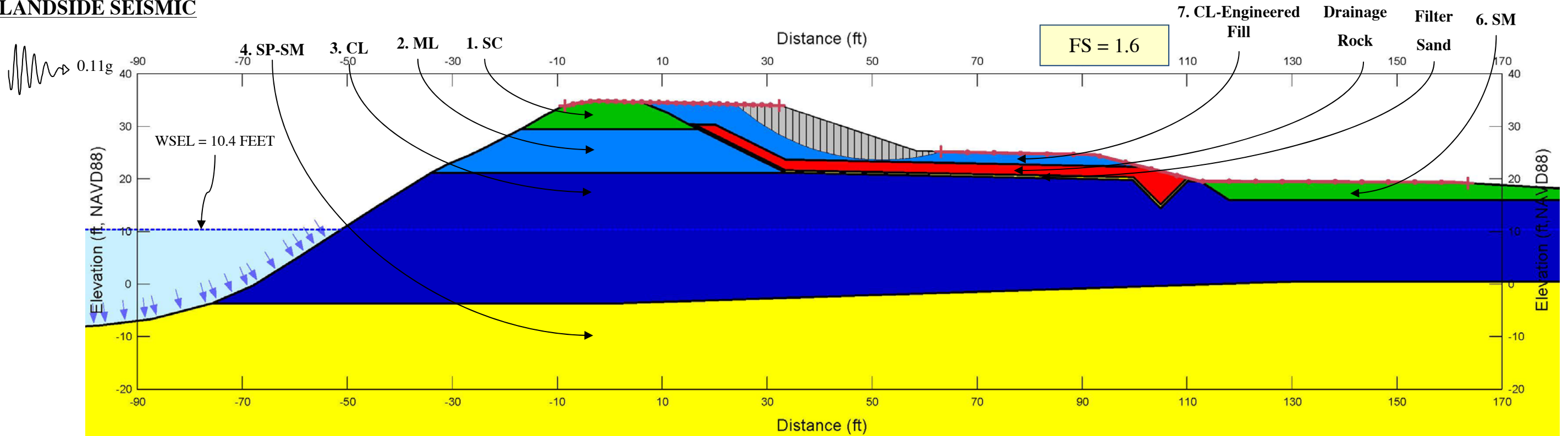
FIGURE NO.
E-64-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



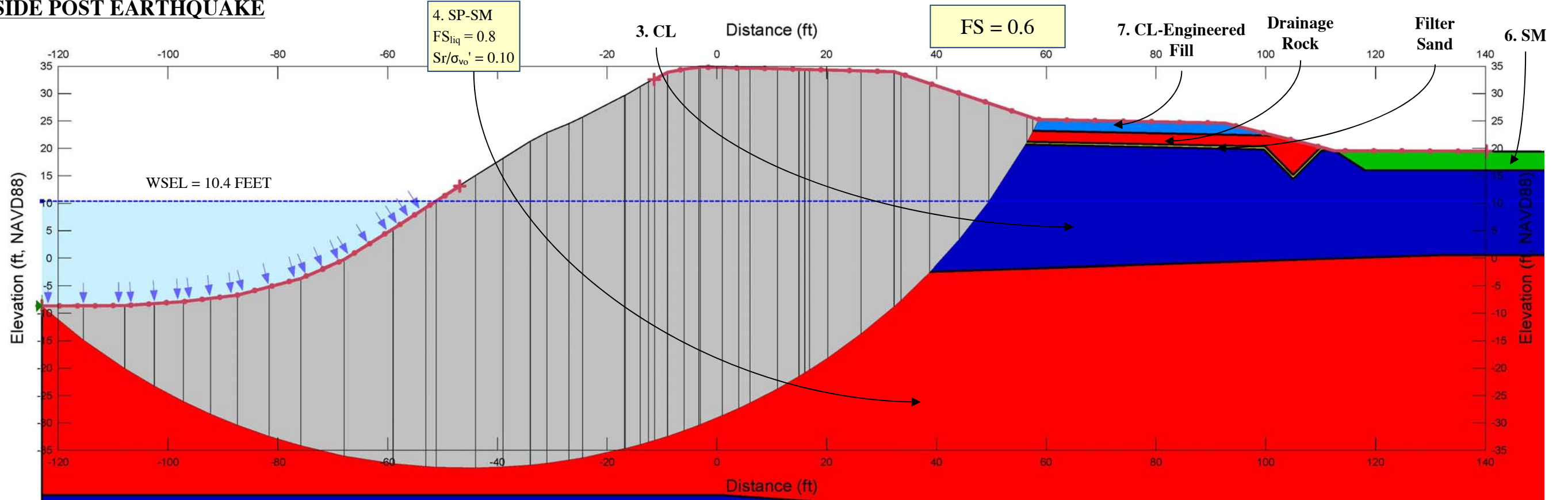
SEISMIC SLOPE STABILITY ANALYSIS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

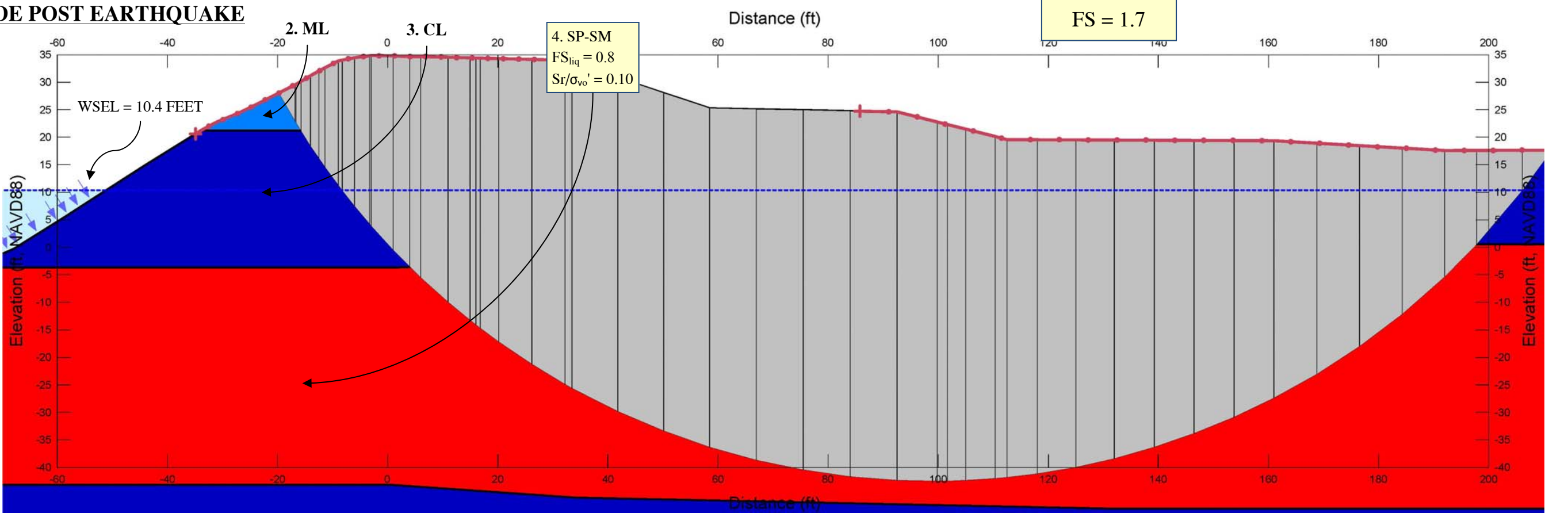
FIGURE NO.
E-64-F

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE



LANDSIDE POST EARTHQUAKE



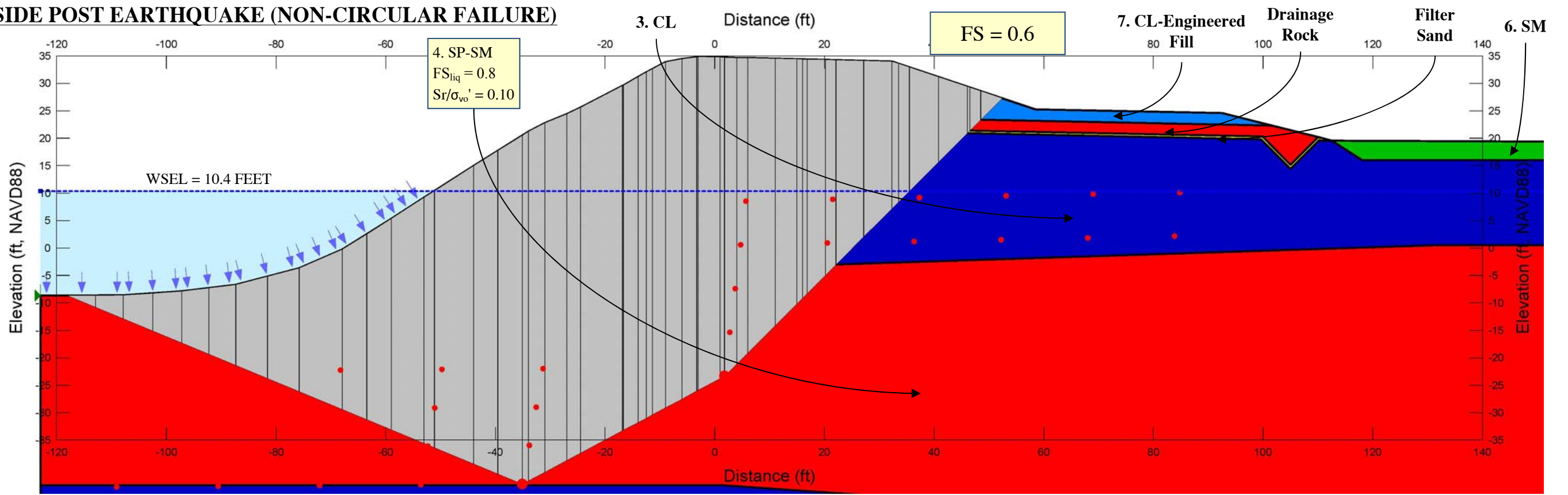
SEISMIC SLOPE STABILITY ANALYSIS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

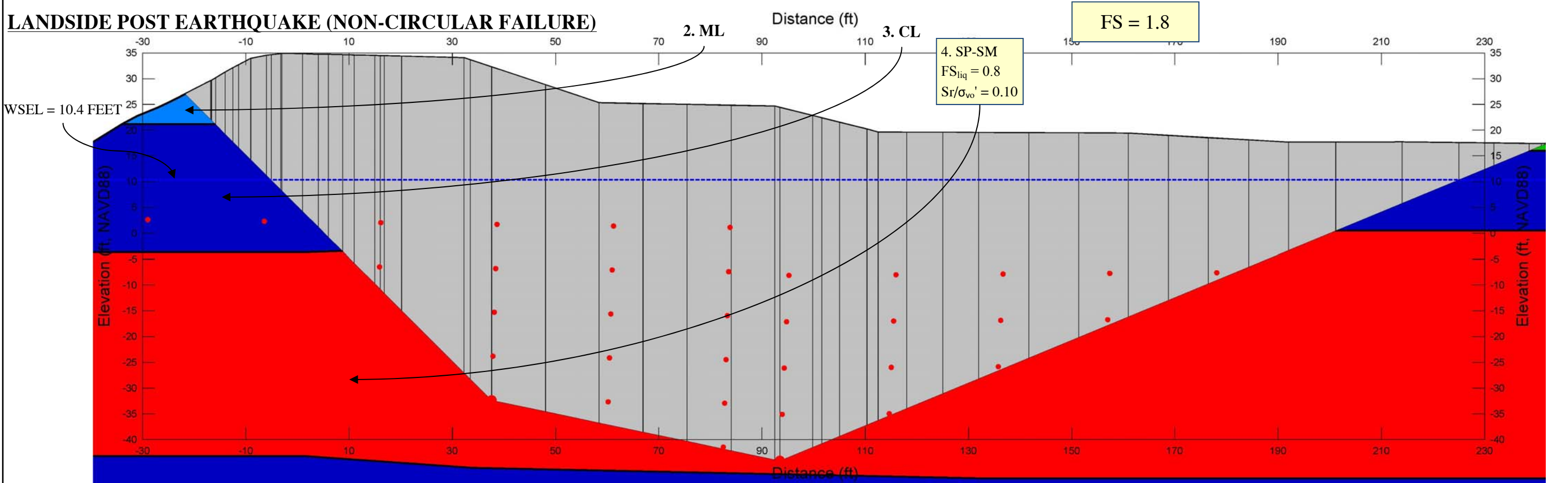
FIGURE NO.
E-64-G

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



LANDSIDE POST EARTHQUAKE (NON-CIRCULAR FAILURE)



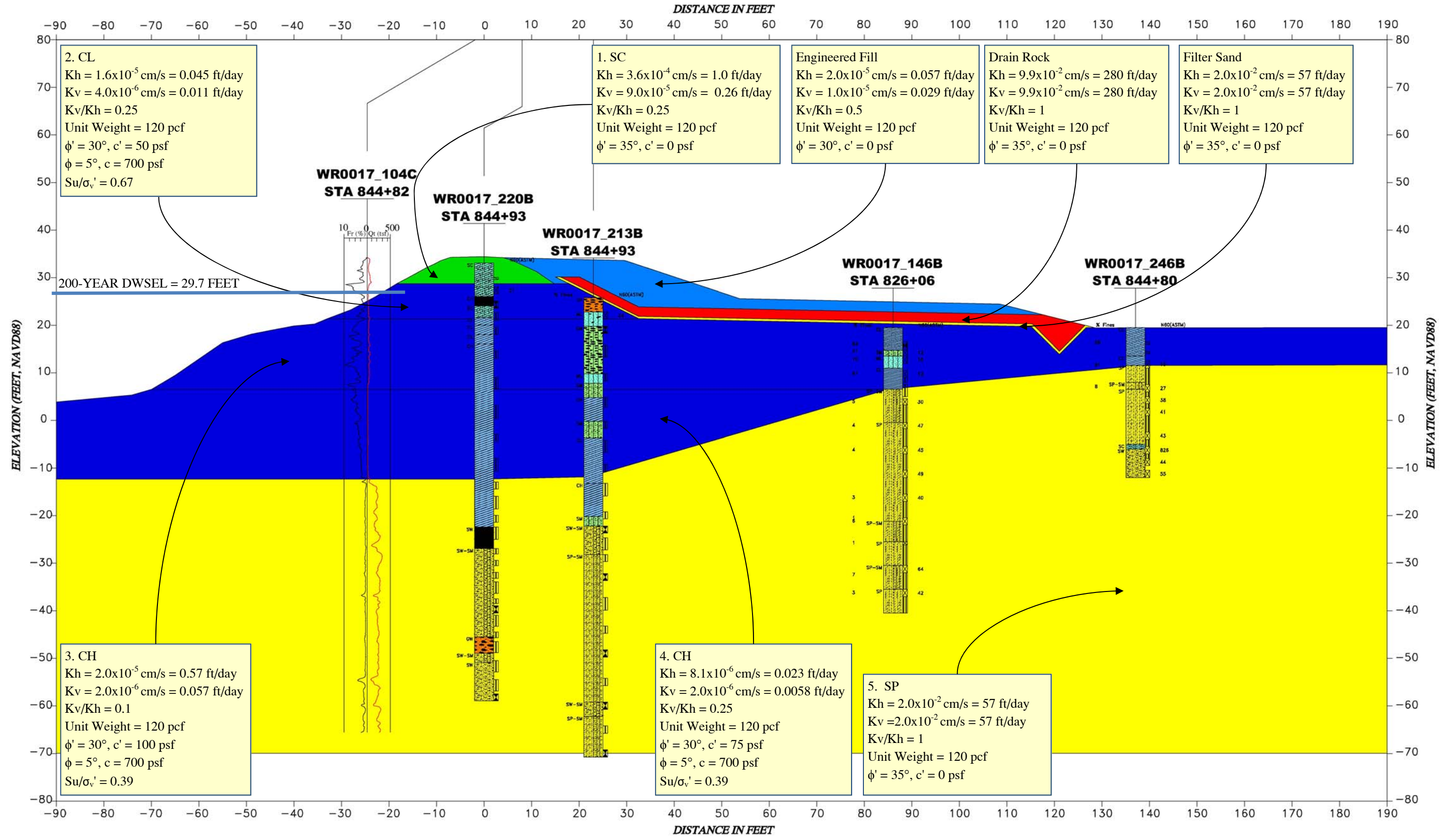
SEISMIC SLOPE STABILITY ANALYSIS
 REACH 01- STA 825+86
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	CC

FIGURE NO.
E-64-H

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



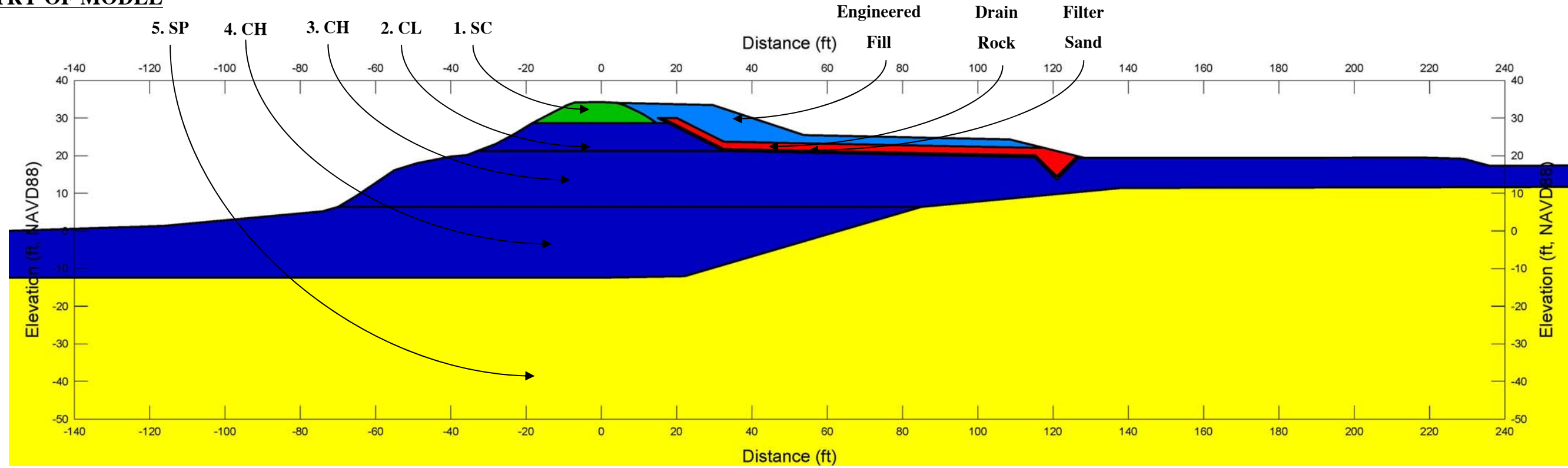
CROSS SECTION & MATERIAL PARAMETERS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

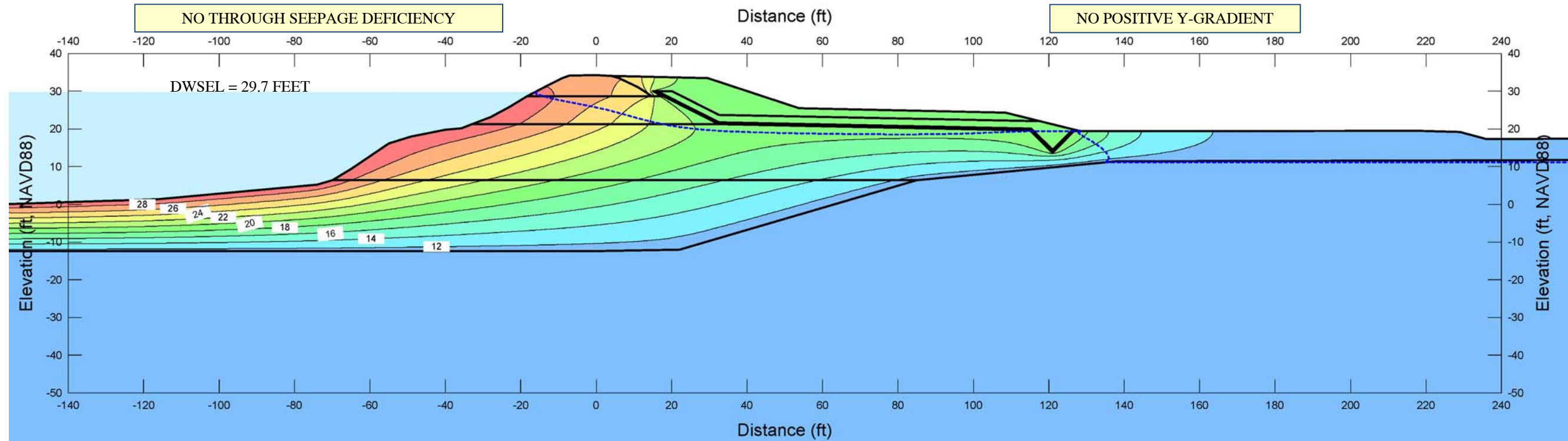
FIGURE NO.
E-65-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



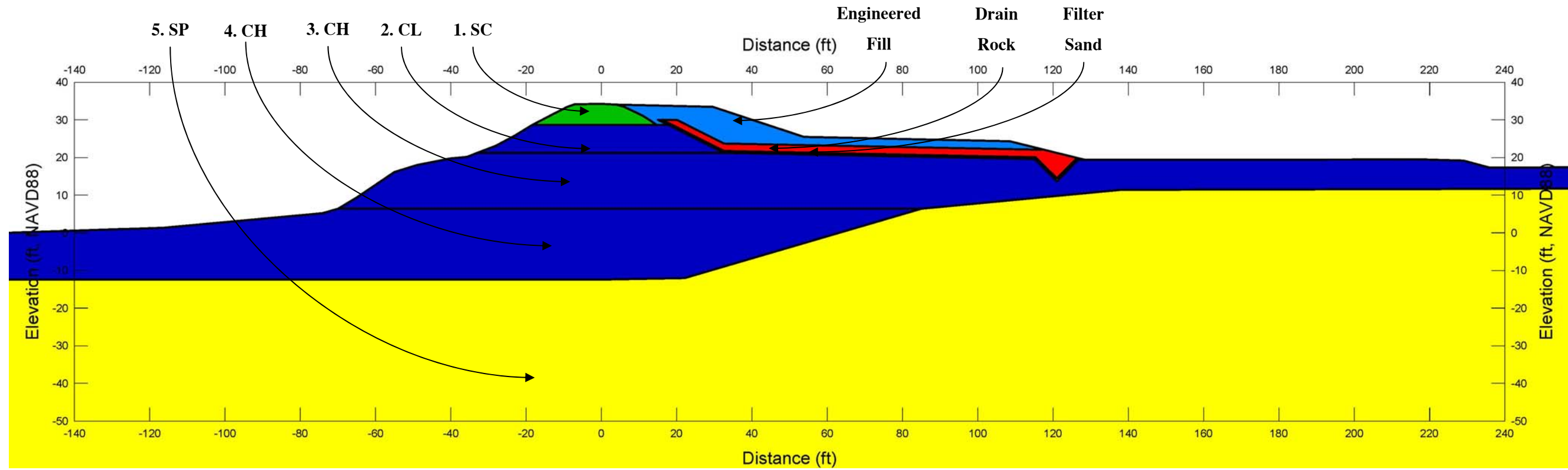
SEEPAGE ANALYSIS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

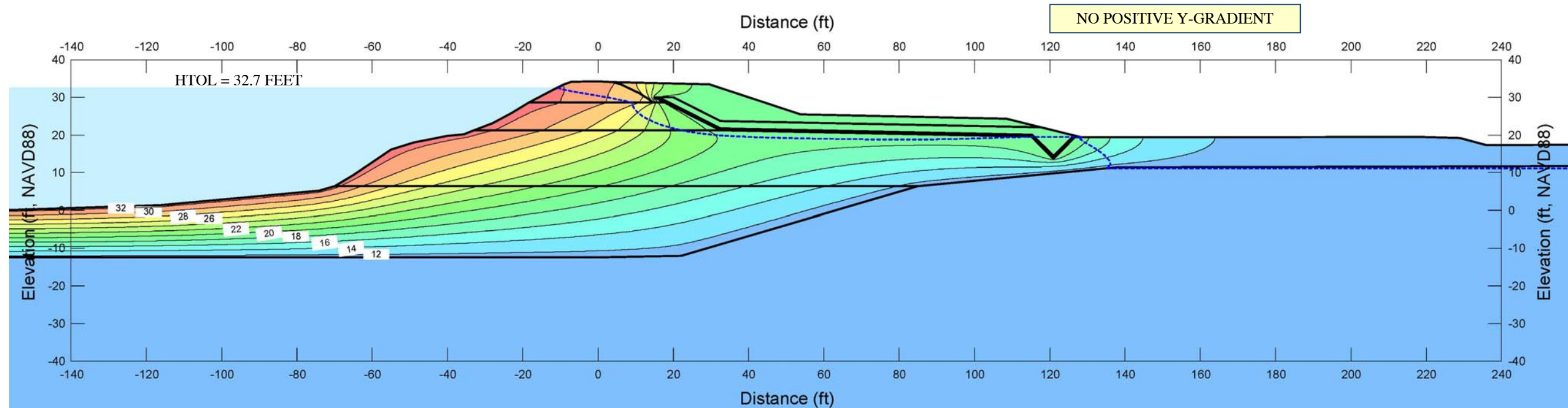
FIGURE NO.
E-65-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



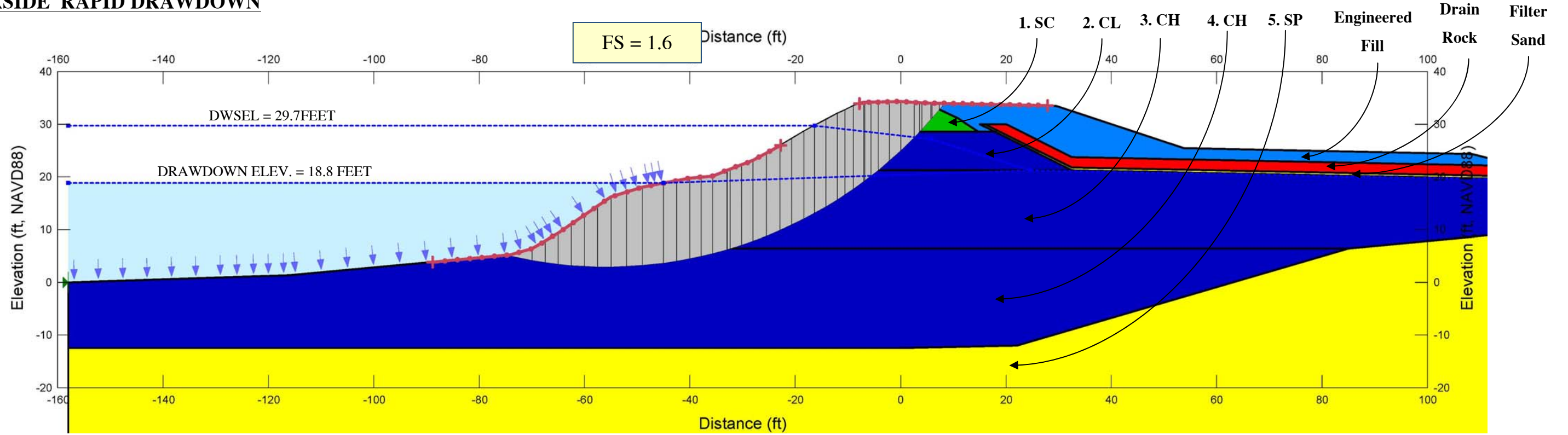
SEEPAGE ANALYSIS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

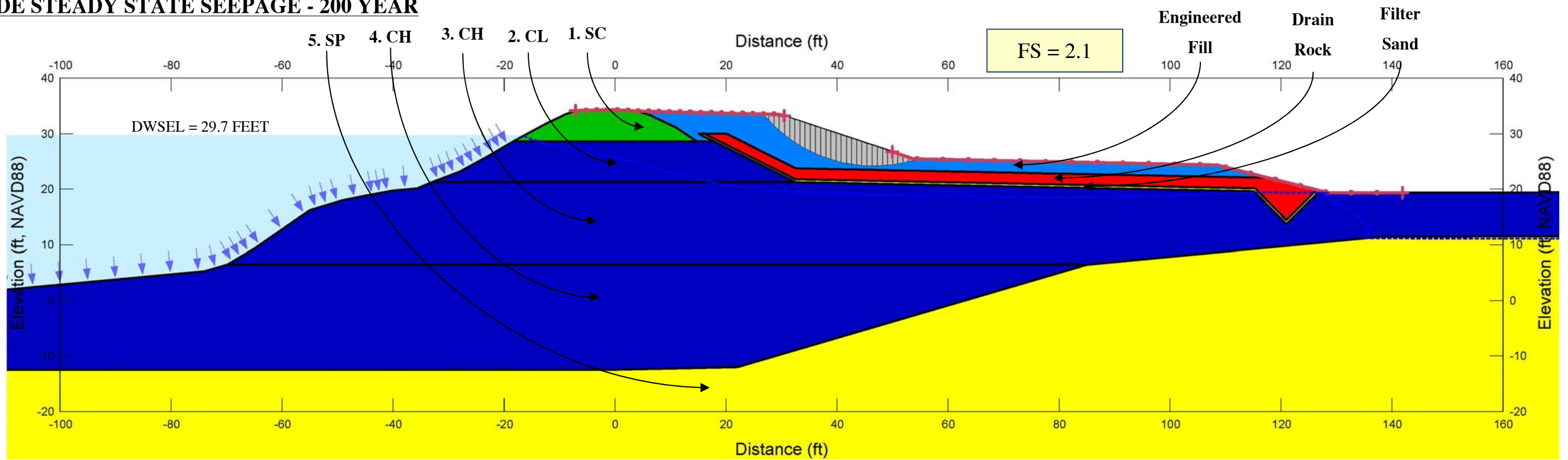
FIGURE NO.
E-65-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



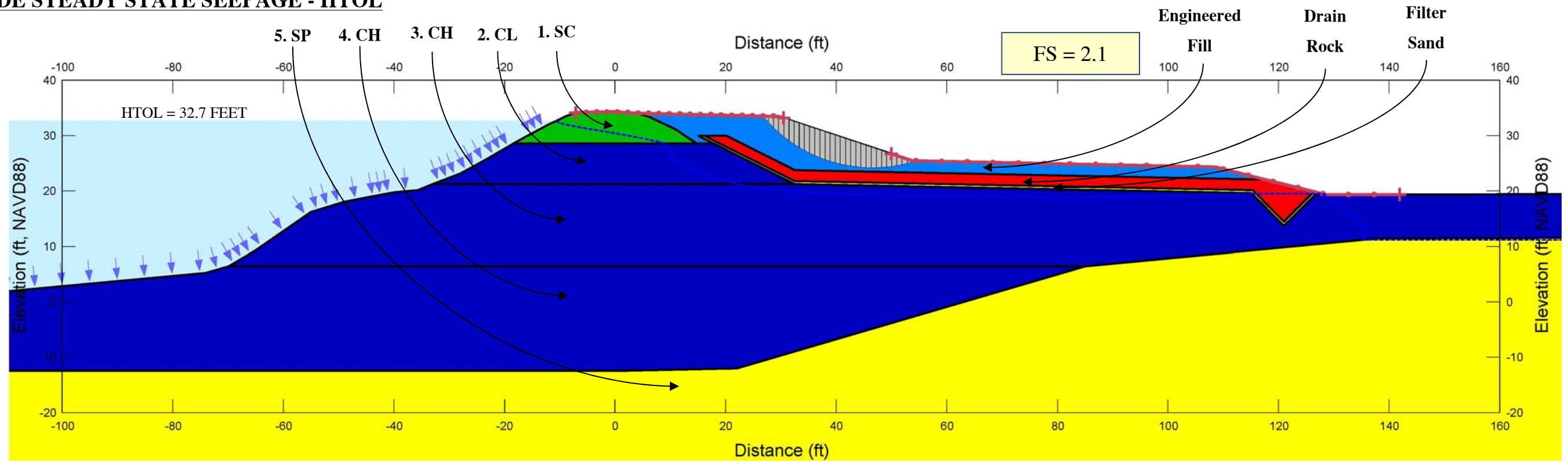
STATIC SLOPE STABILITY ANALYSIS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-65-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



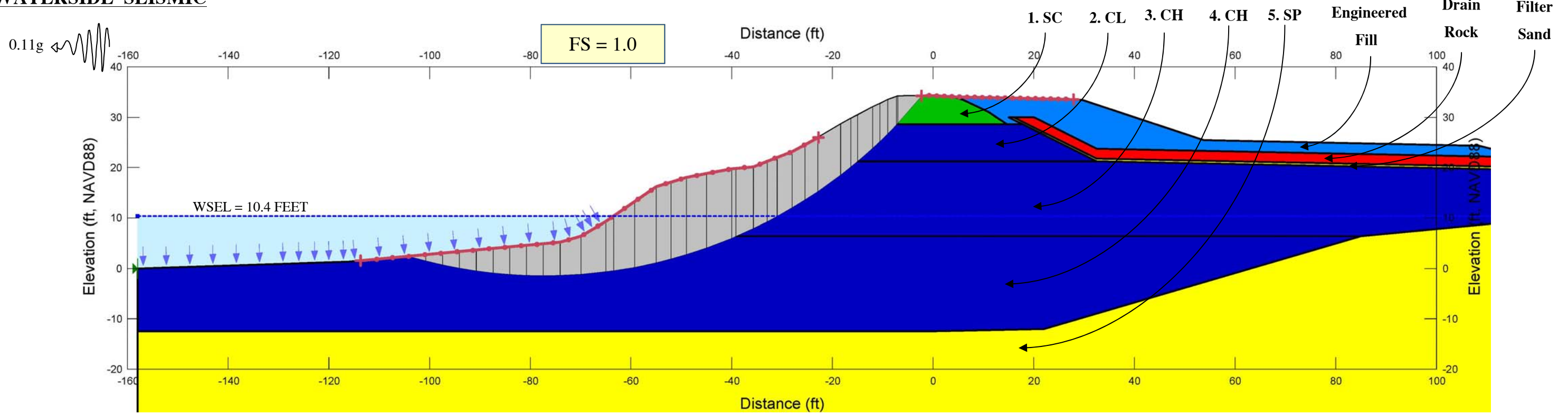
STATIC SLOPE STABILITY ANALYSIS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

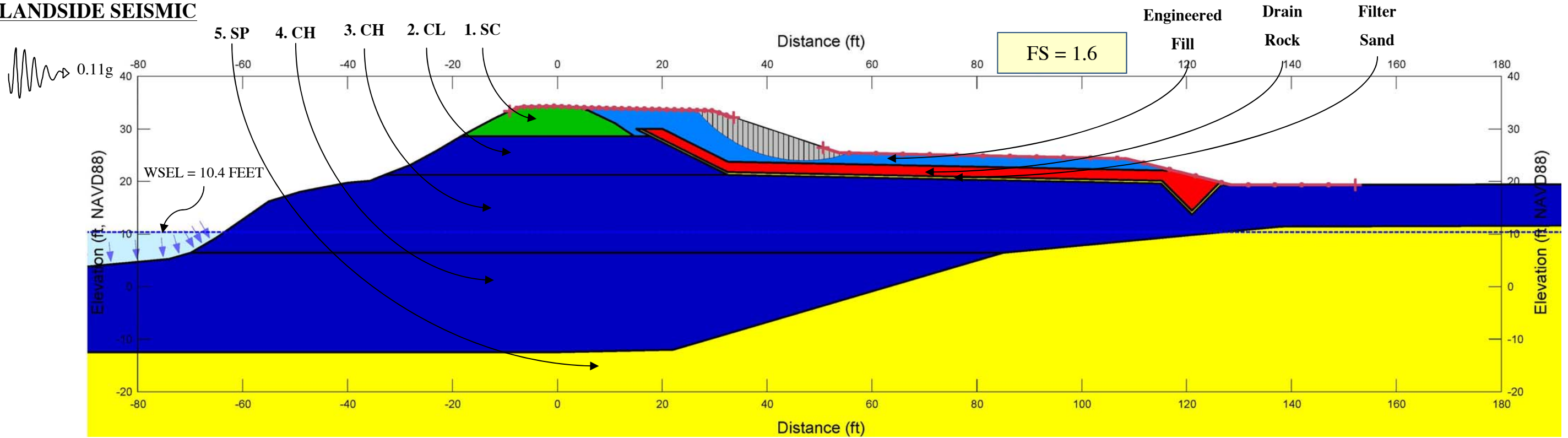
FIGURE NO.
 E-65-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



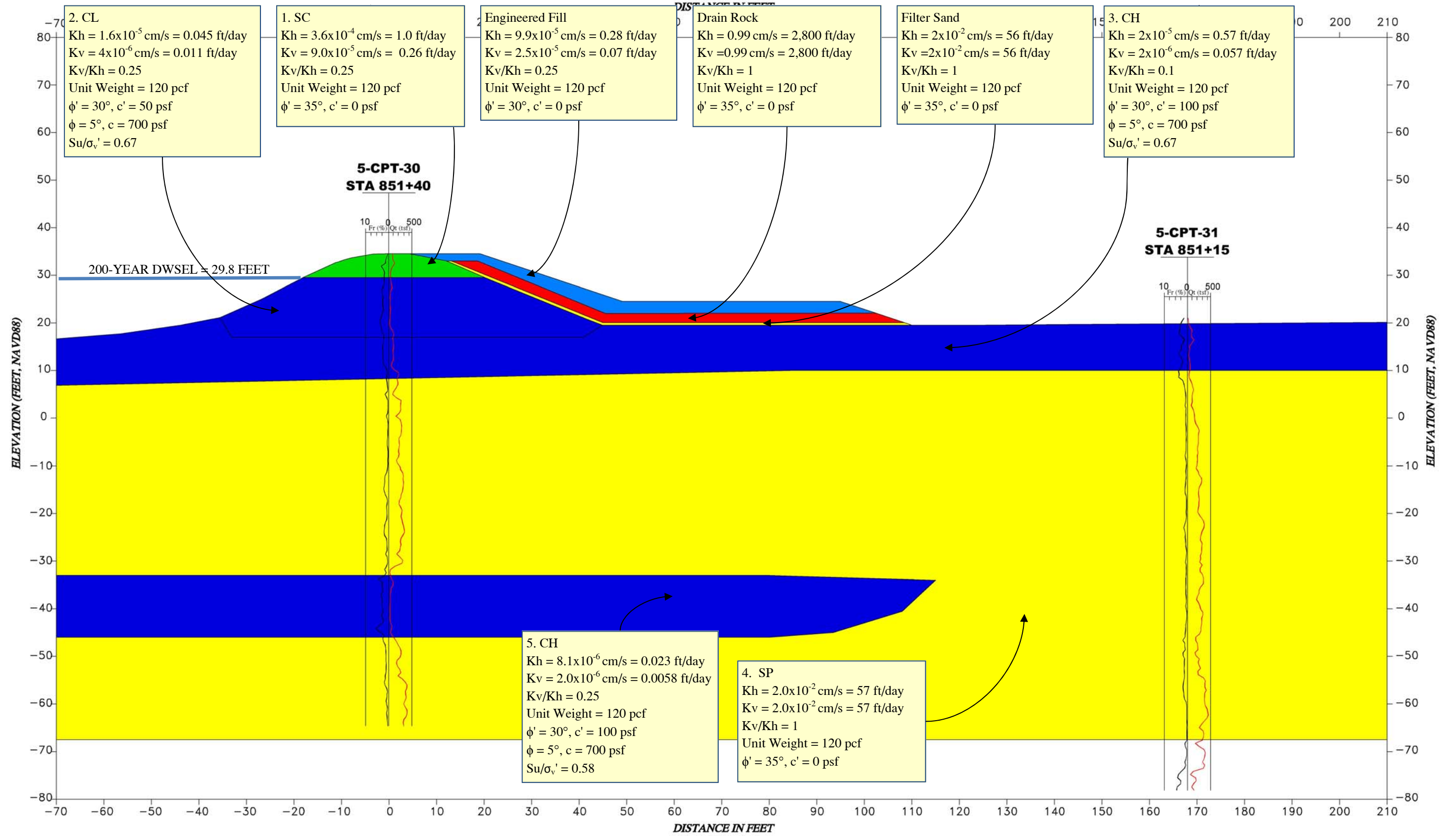
SEISMIC SLOPE STABILITY ANALYSIS
 REACH O2A - STA 844+81
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-65-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



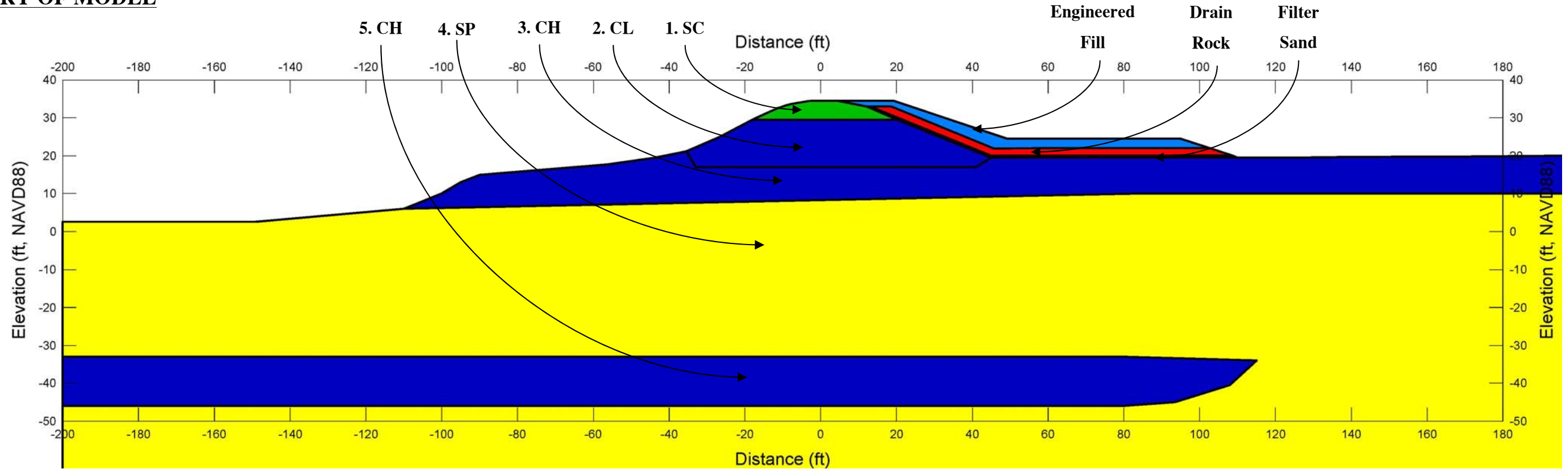
CROSS SECTION & MATERIAL PARAMETERS
 REACH O2B- STA 850+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

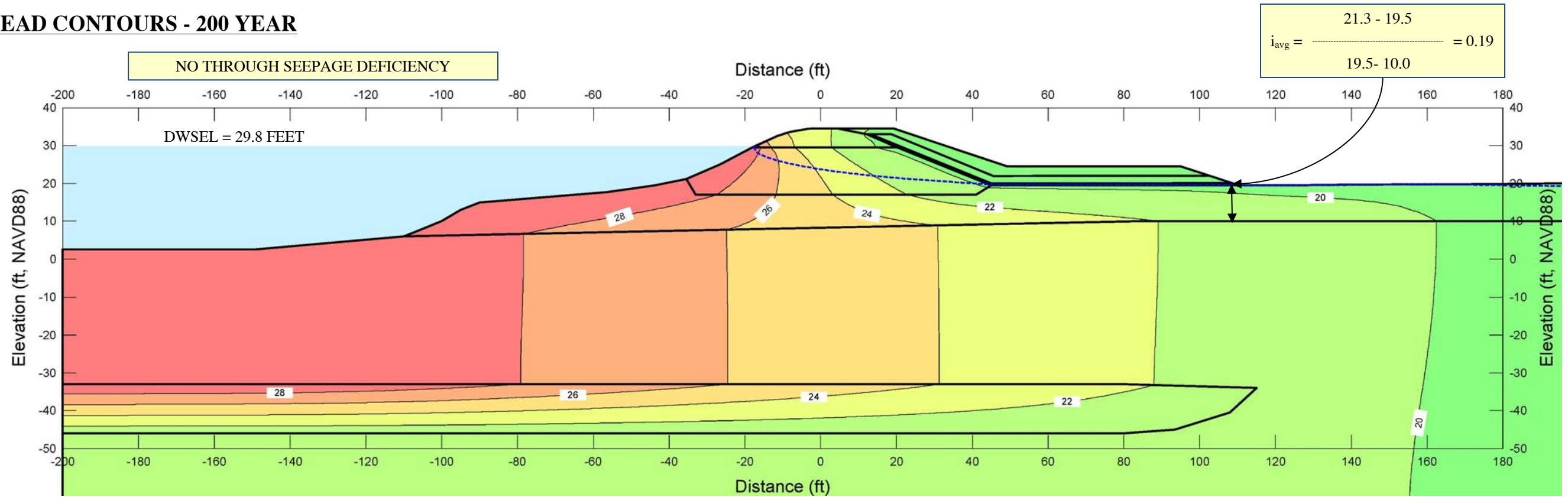
FIGURE NO.
E-66-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



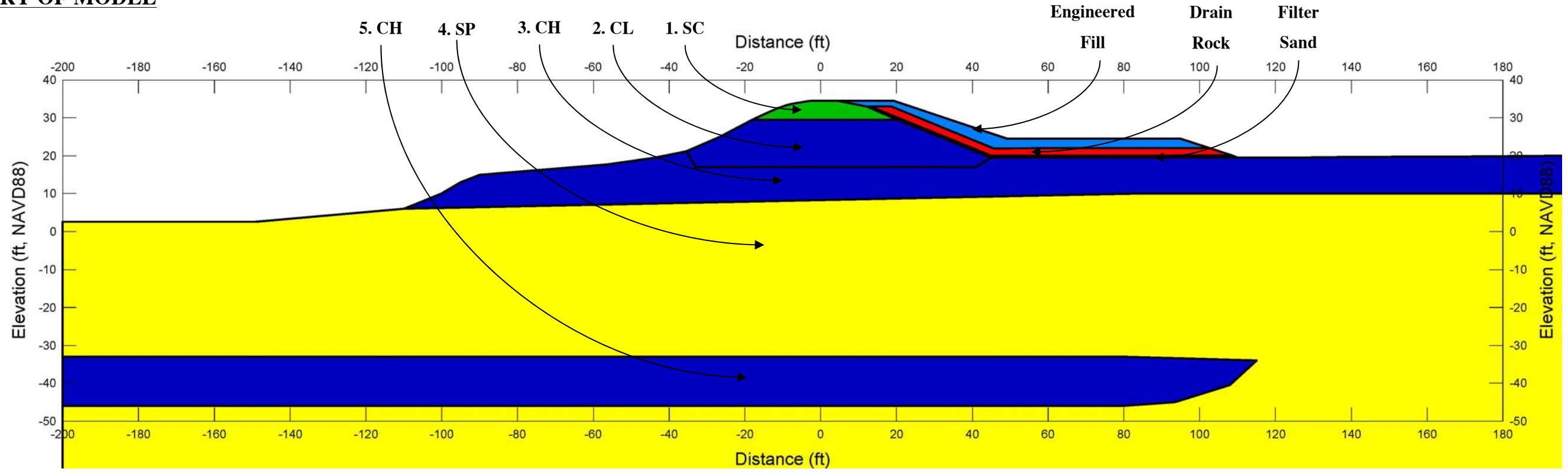
SEEPAGE ANALYSIS
 REACH O2B- STA 850+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

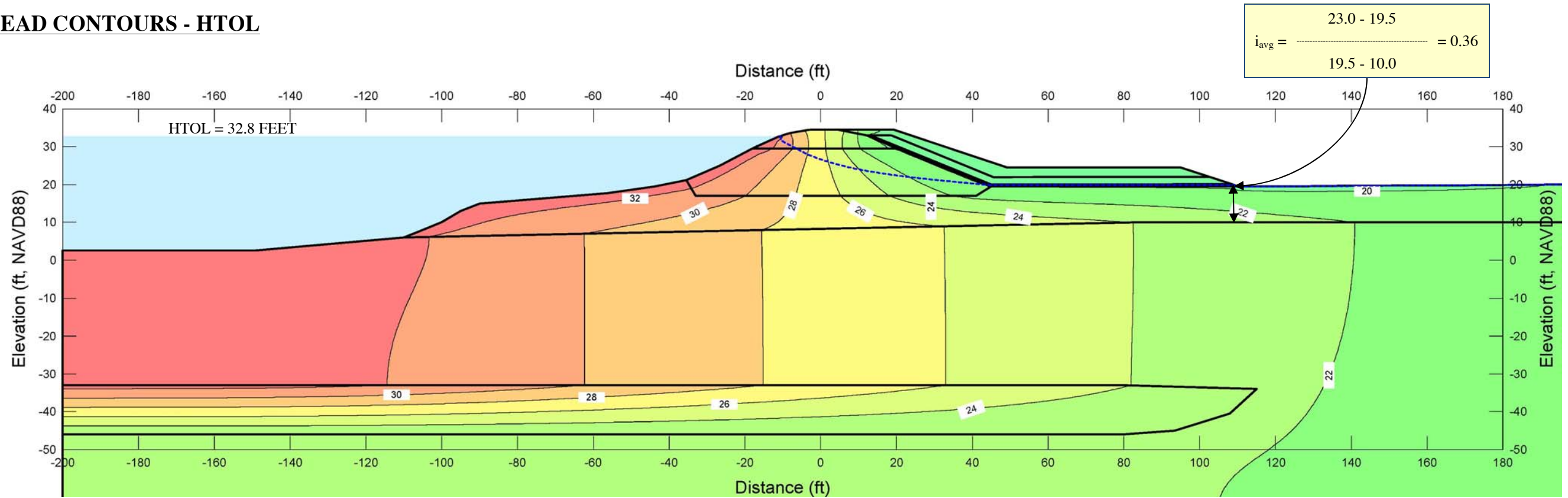
FIGURE NO.
E-66-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

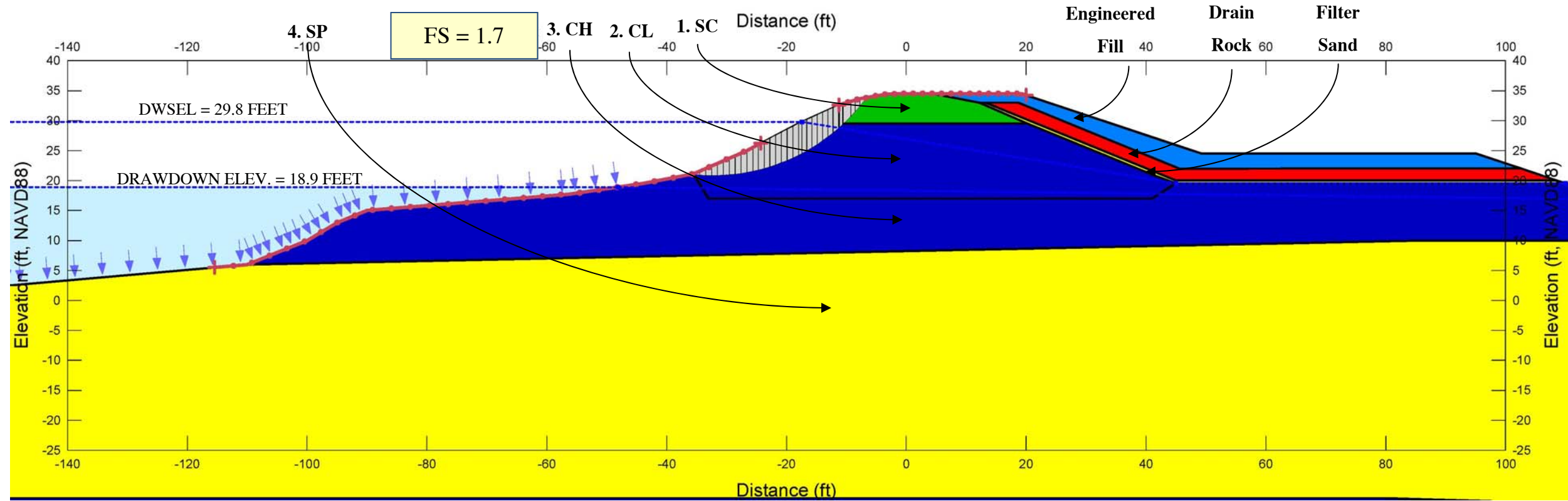


SEEPAGE ANALYSIS
REACH O2B- STA 850+50
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

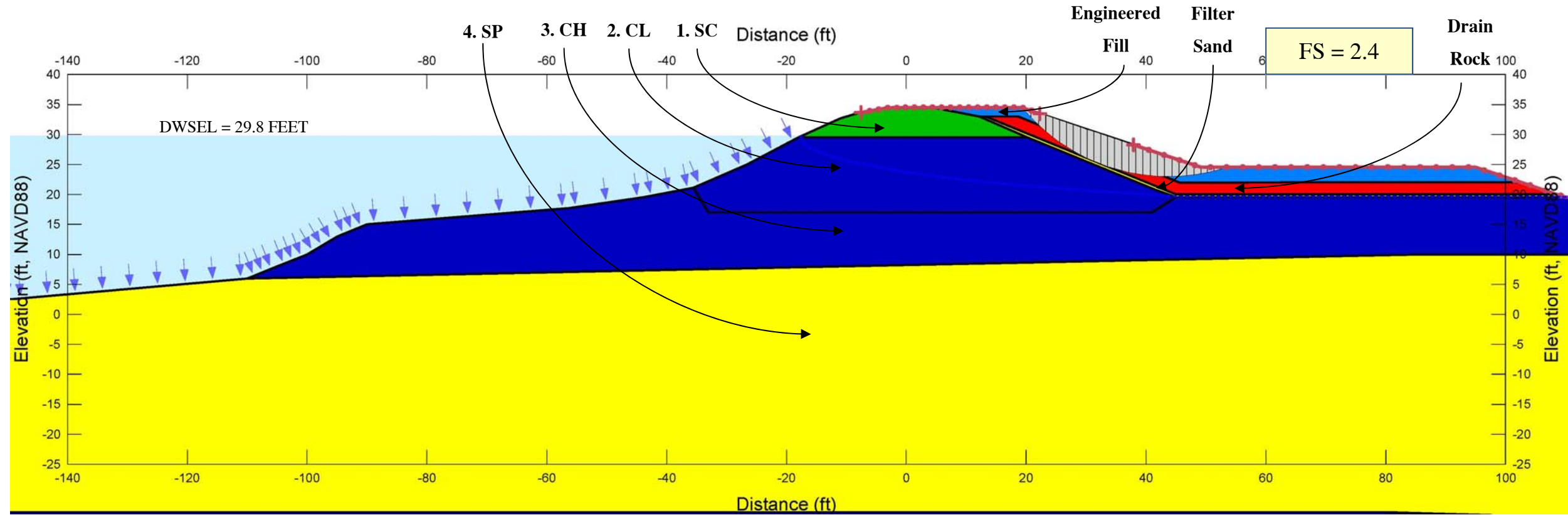
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-66-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR

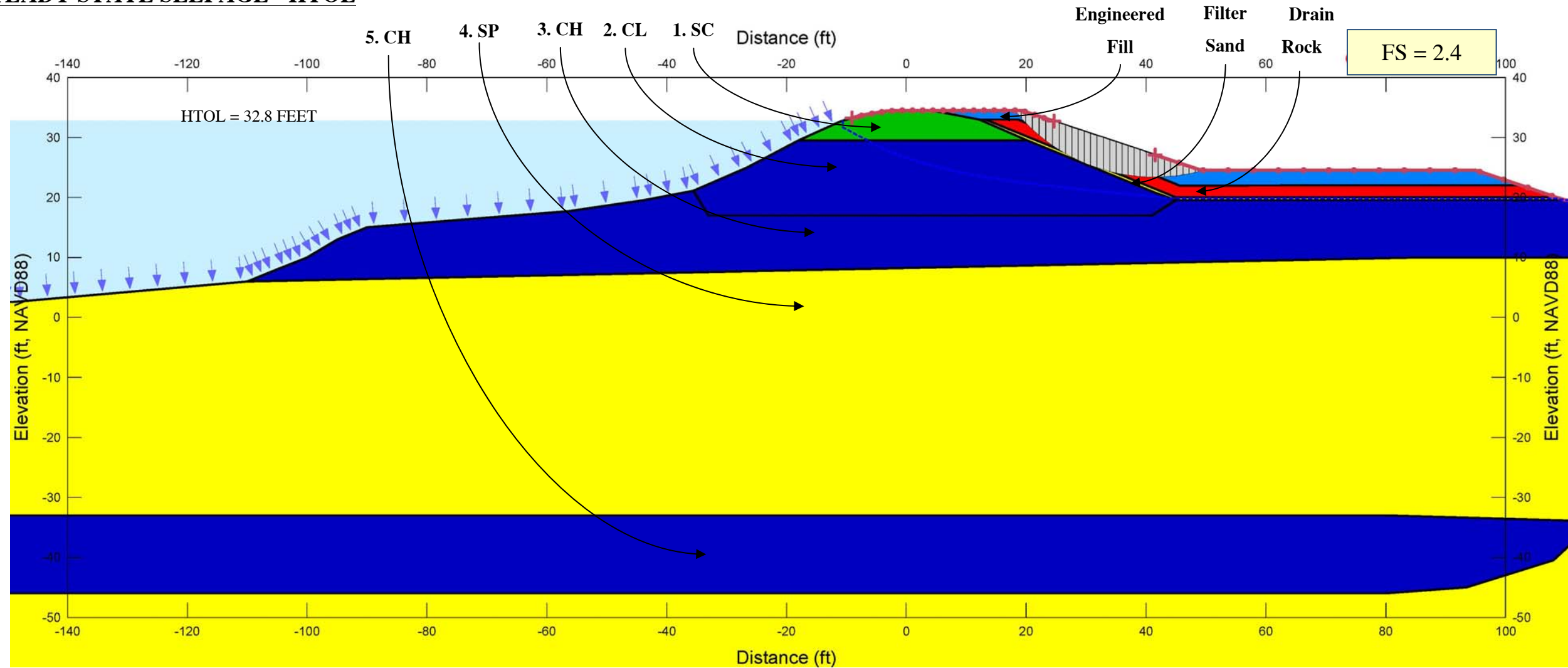


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

	STATIC SLOPE STABILITY ANALYSIS REACH O2B- STA 850+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-66-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



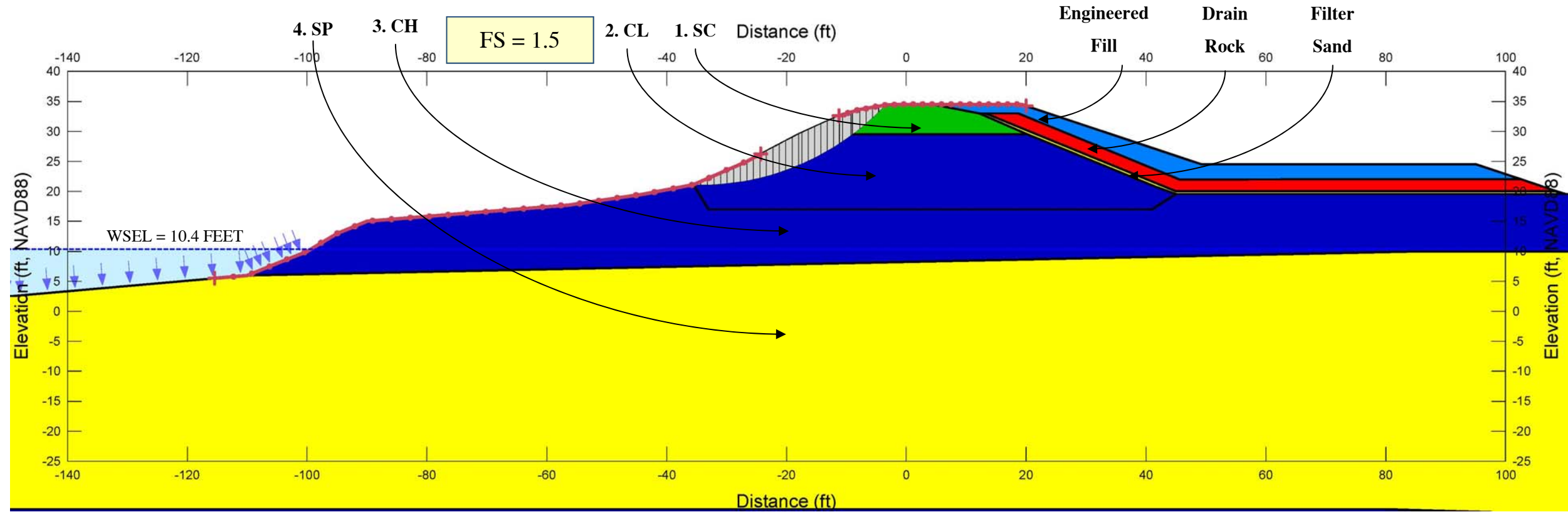
STATIC SLOPE STABILITY ANALYSIS
 REACH O2B- STA 850+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: BA	CHECKED BY: NS

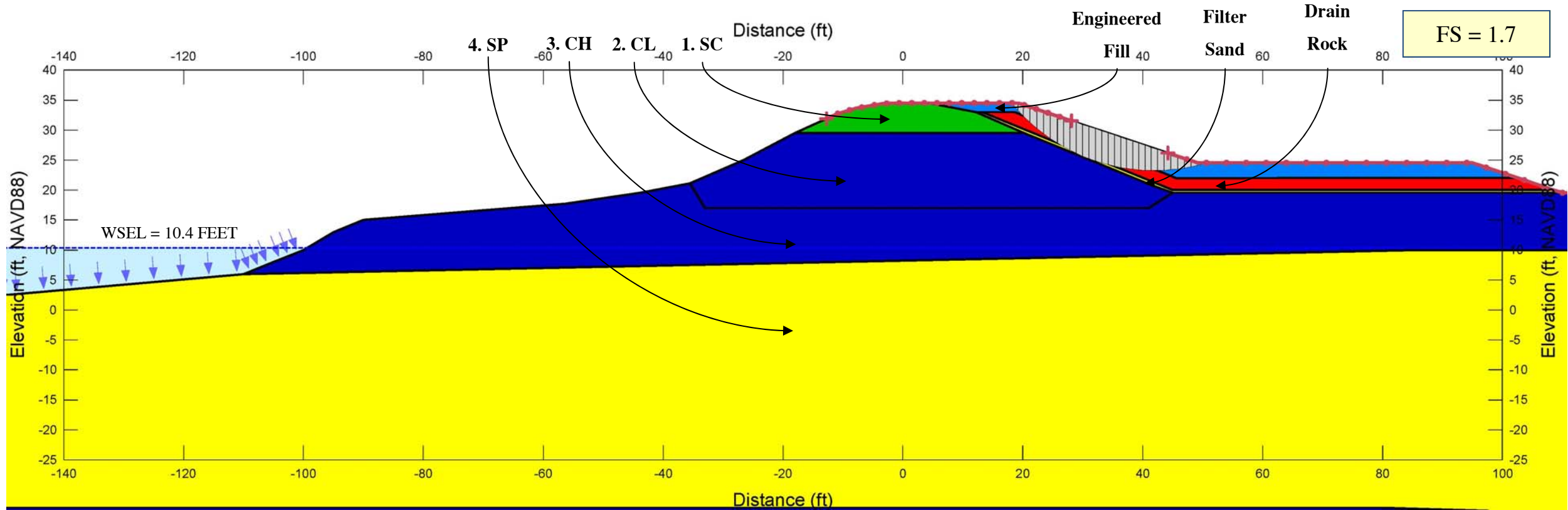
FIGURE NO.
E-66-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



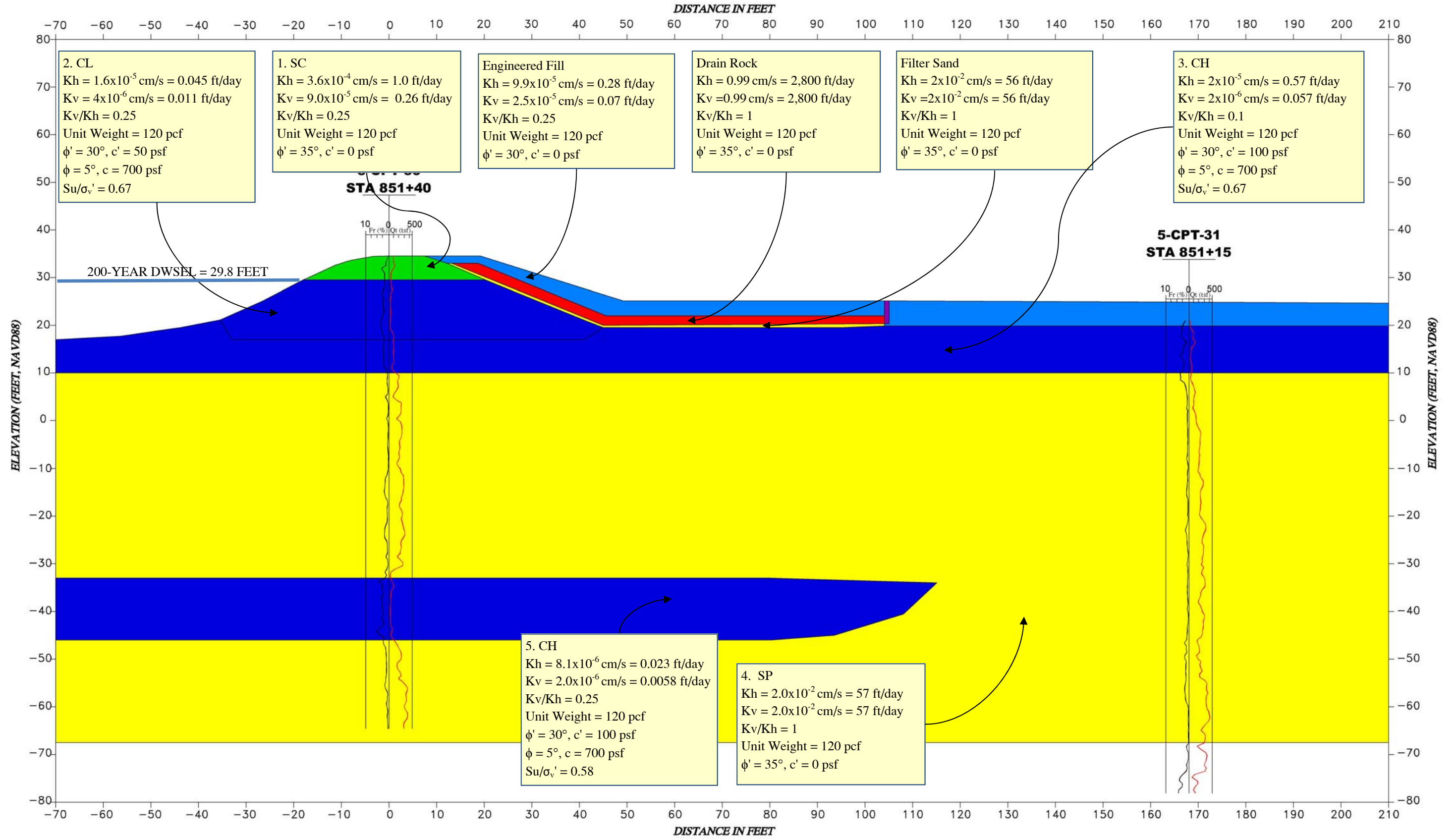
SEISMIC SLOPE STABILITY ANALYSIS
 REACH O2B- STA 850+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-66-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



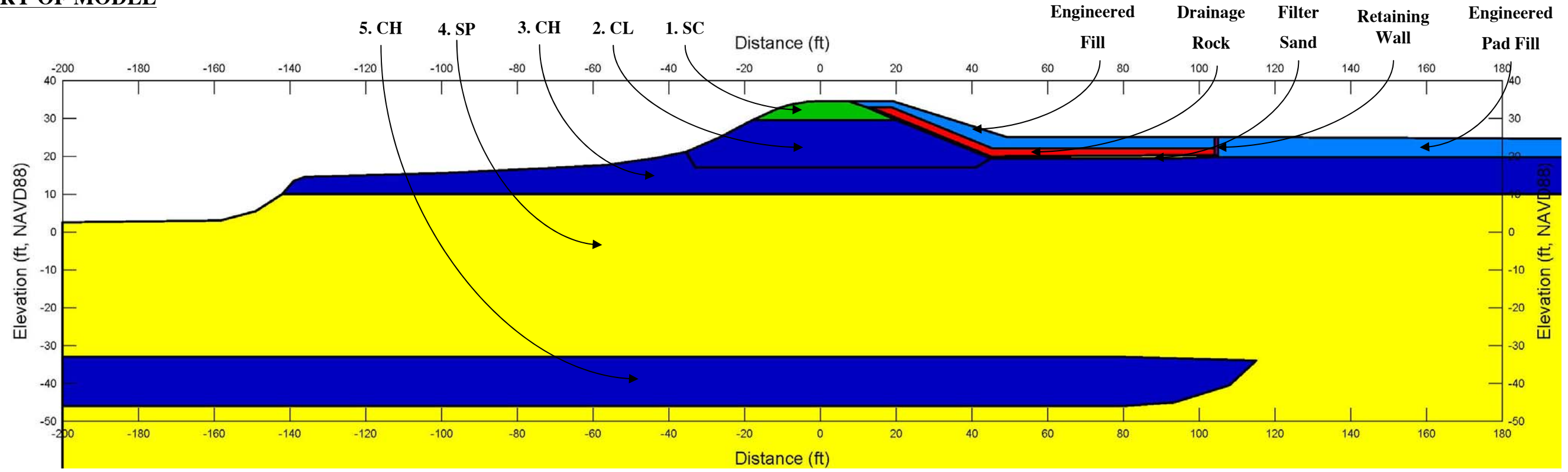
CROSS SECTION & MATERIAL PARAMETERS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

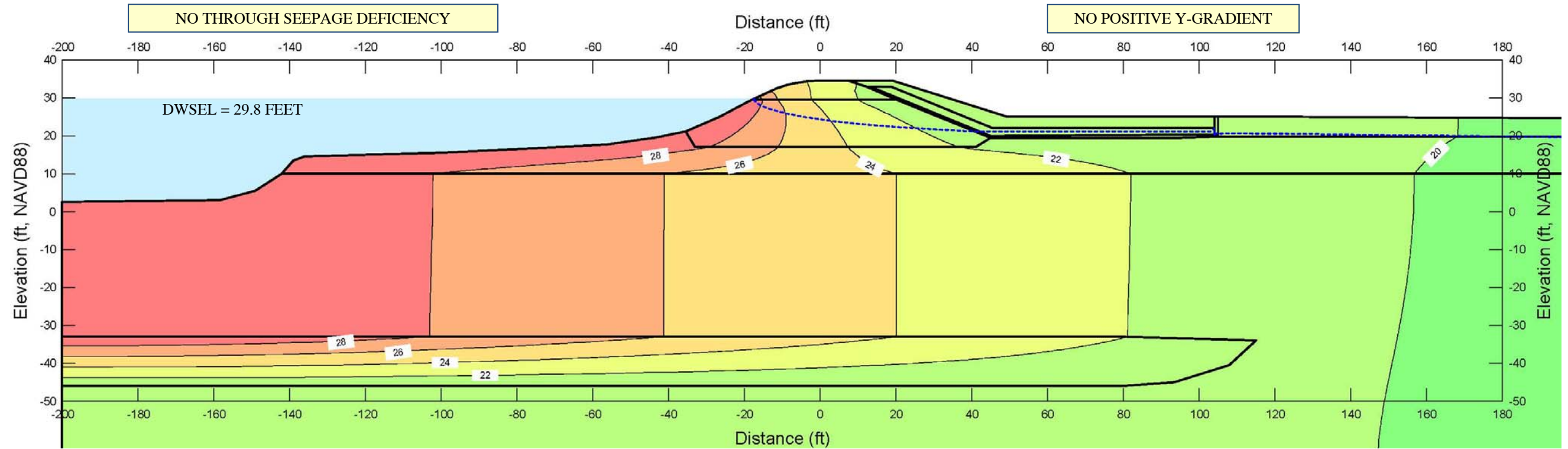
FIGURE NO.
E-67-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



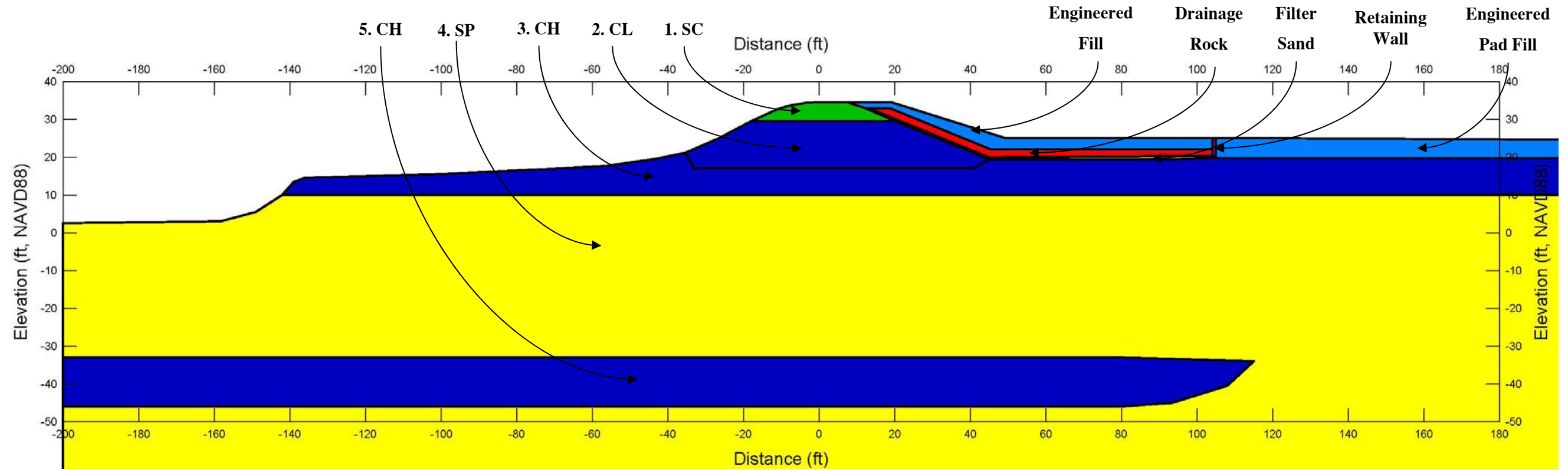
SEEPAGE ANALYSIS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

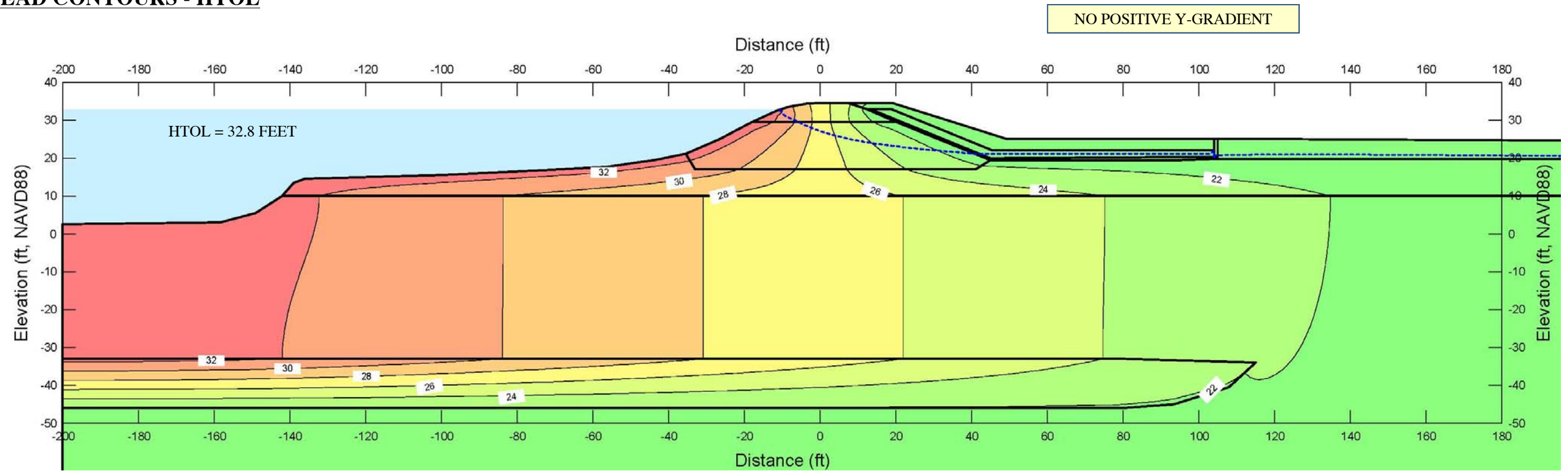
FIGURE NO.
E-67-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

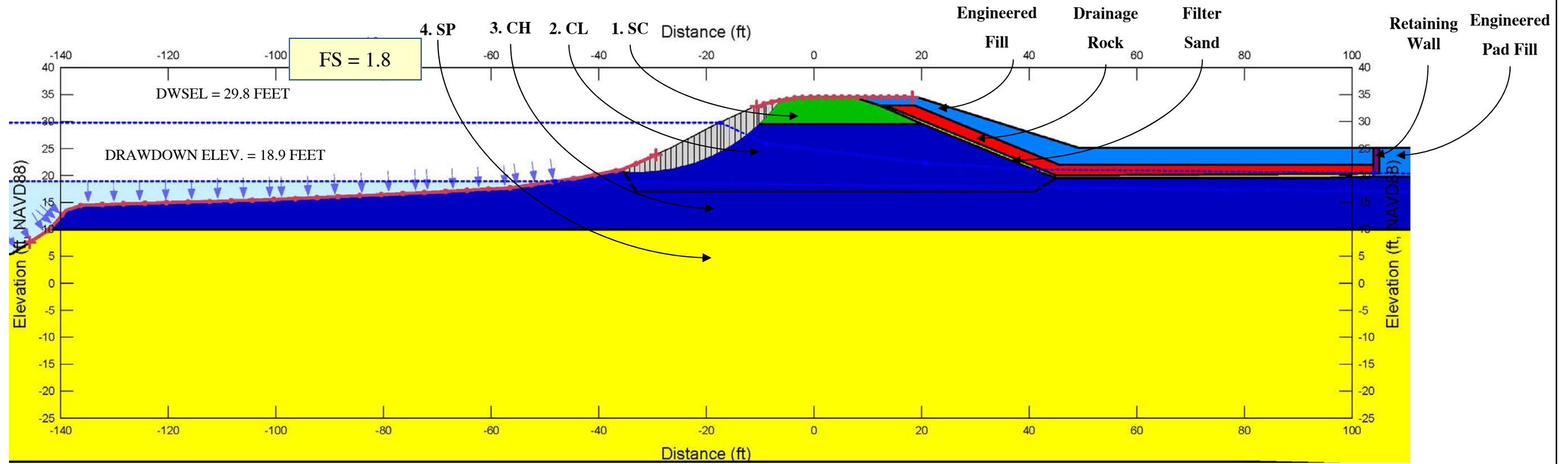


SEEPAGE ANALYSIS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

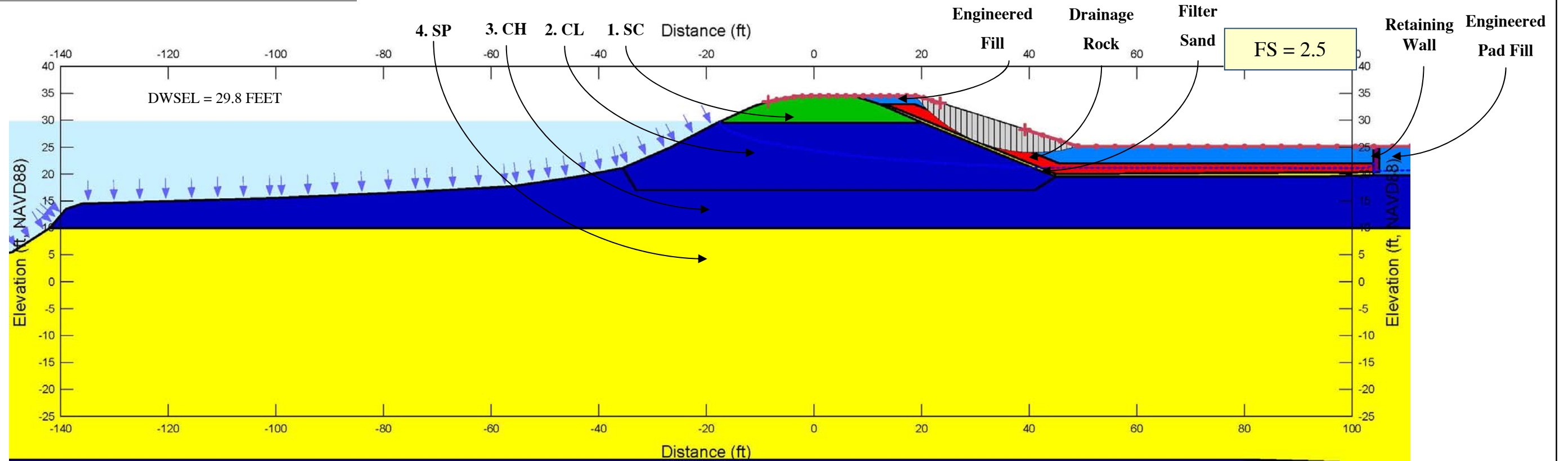
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-67-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



STATIC SLOPE STABILITY ANALYSIS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

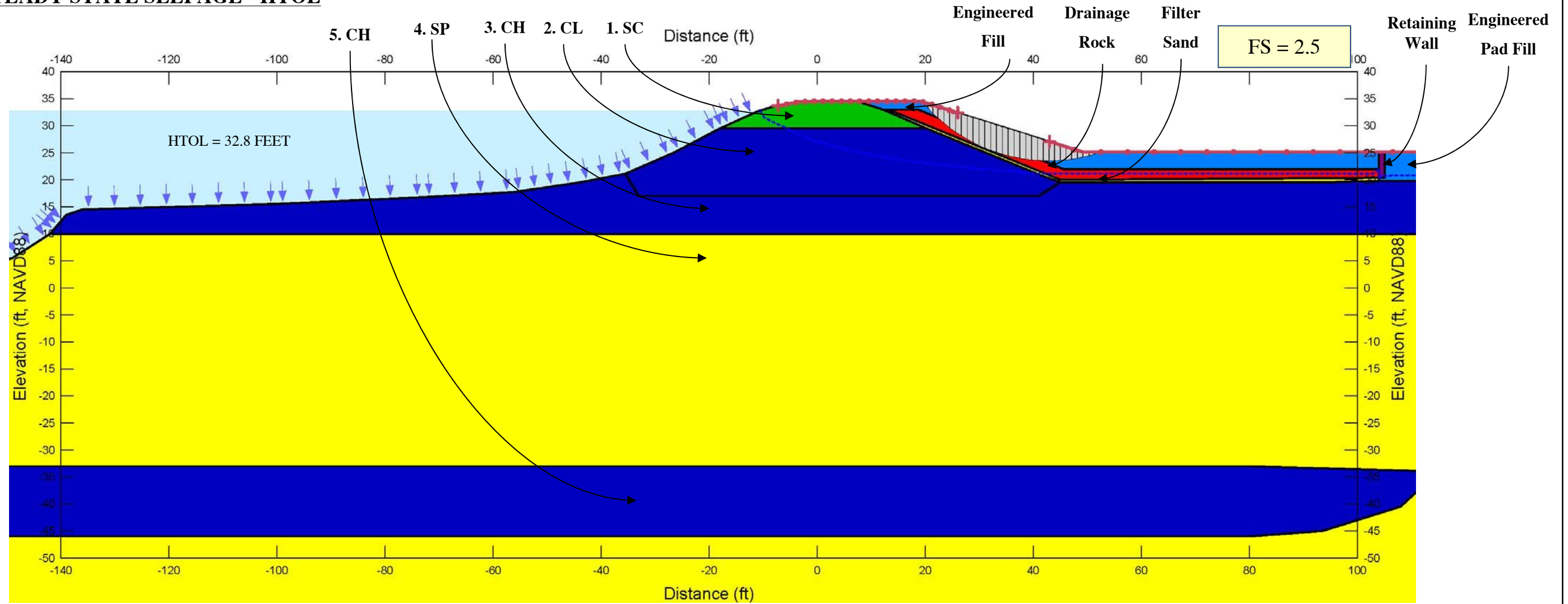
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.

E-67-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



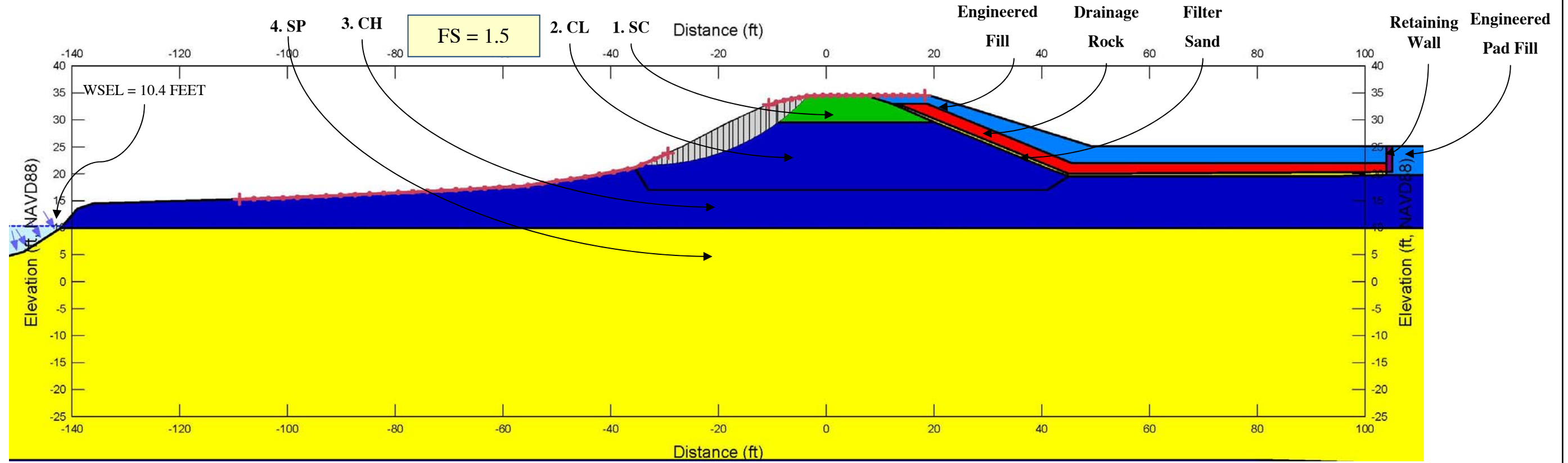
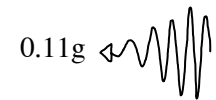
STATIC SLOPE STABILITY ANALYSIS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: BA	CHECKED BY: NS

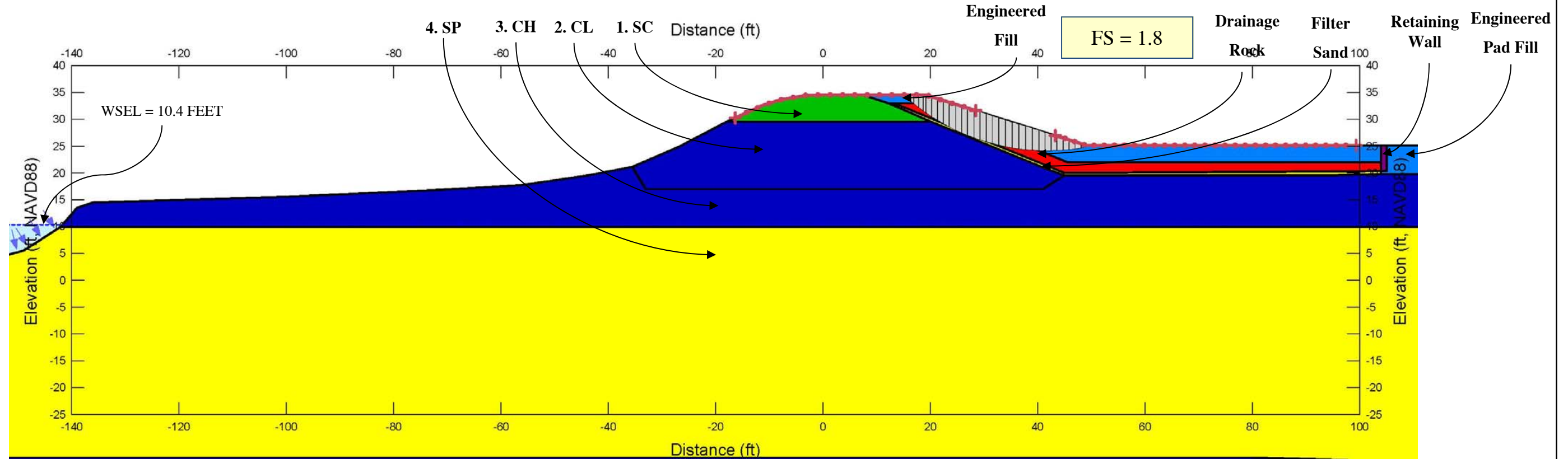
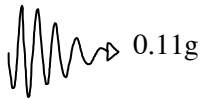
FIGURE NO.
E-67-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



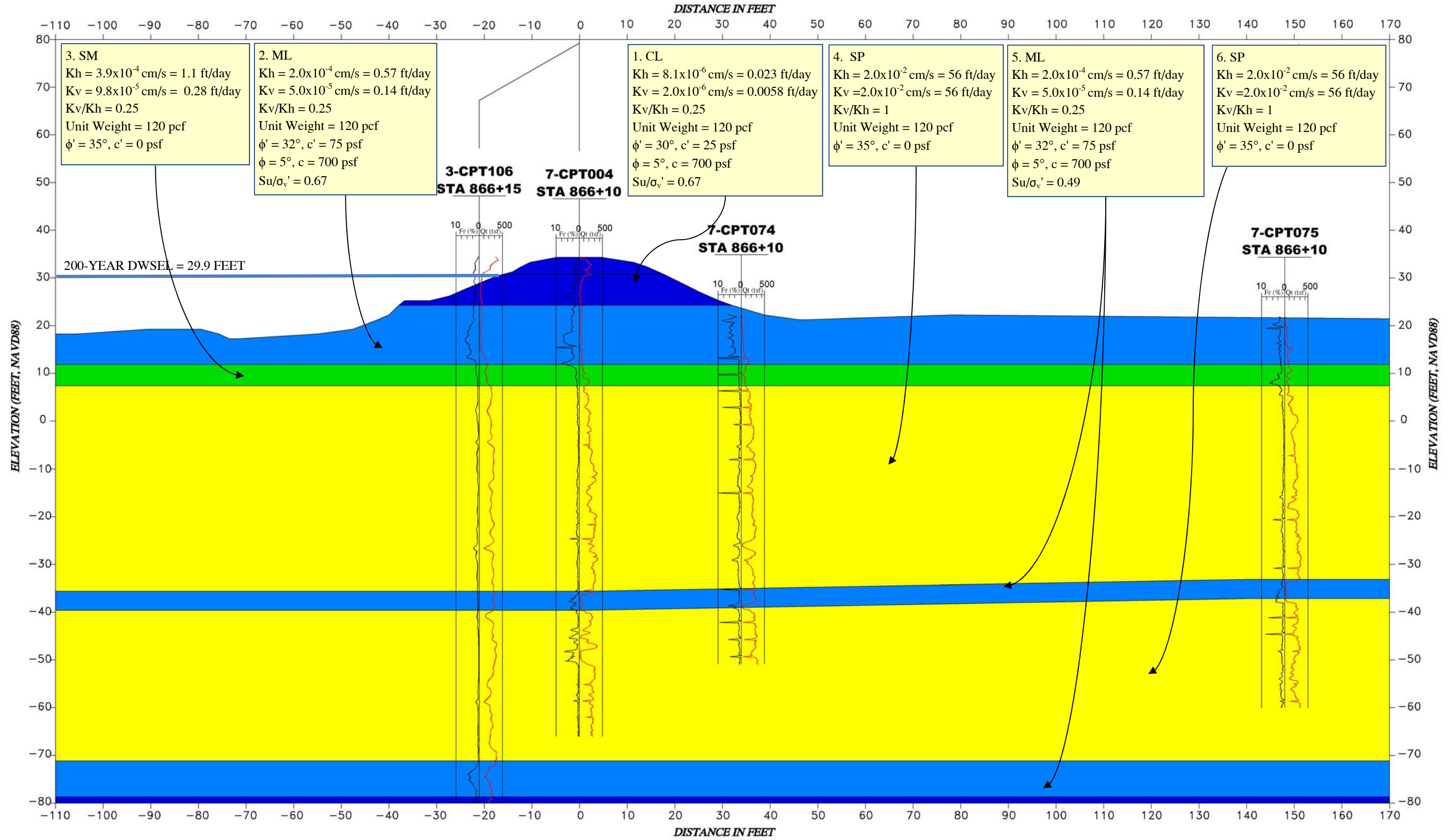
SEISMIC SLOPE STABILITY ANALYSIS
 REACH O2B - STA 851+20
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-67-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

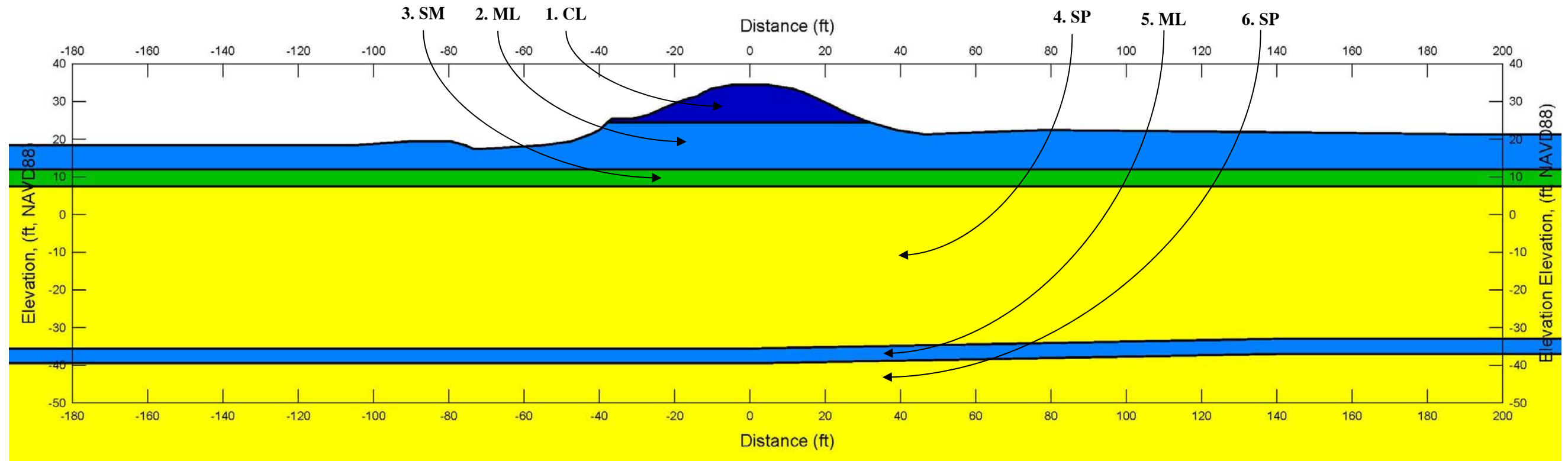


CROSS SECTION & MATERIAL PARAMETERS
 REACH P1- STA 866+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

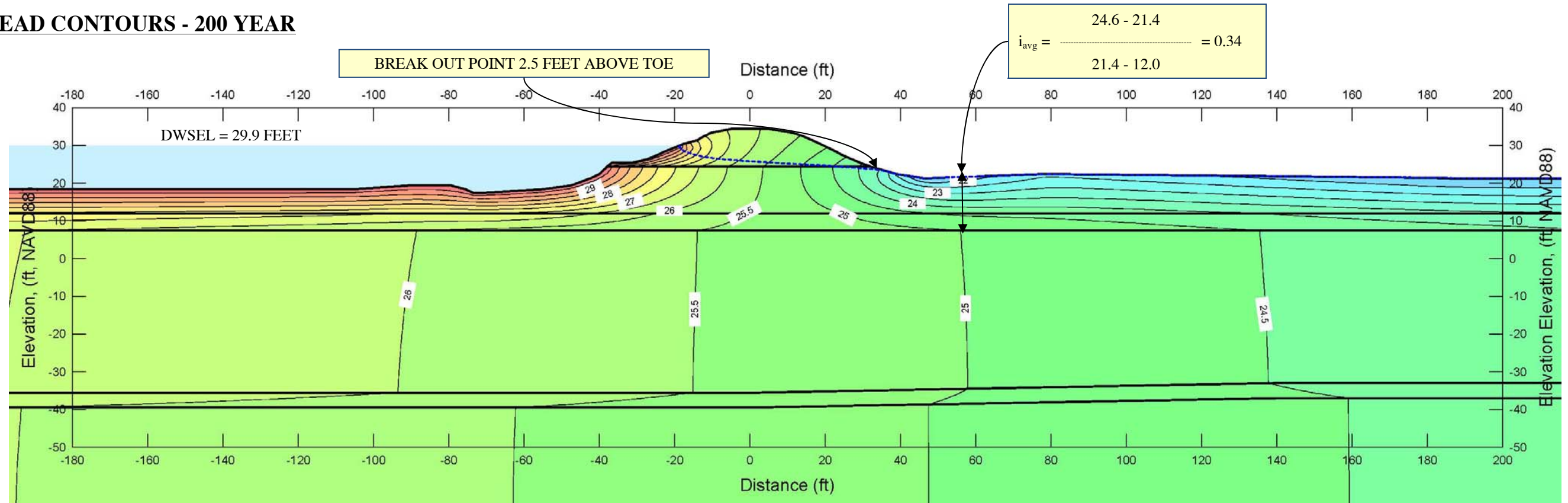
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-68-A

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



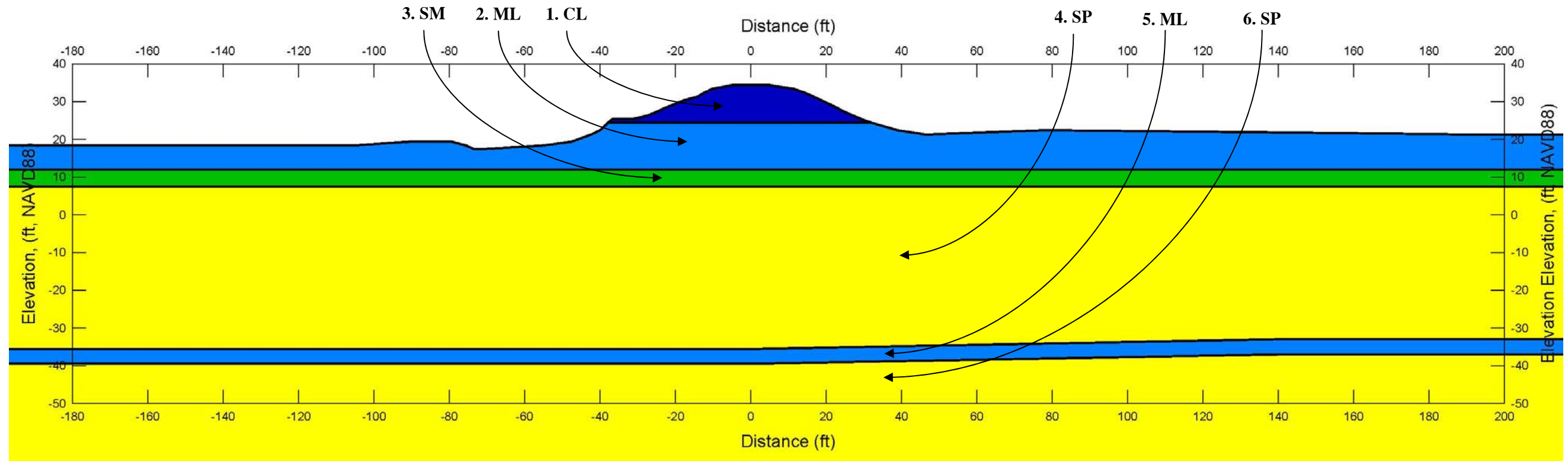
SEEPAGE ANALYSIS
 REACH P1- STA 866+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

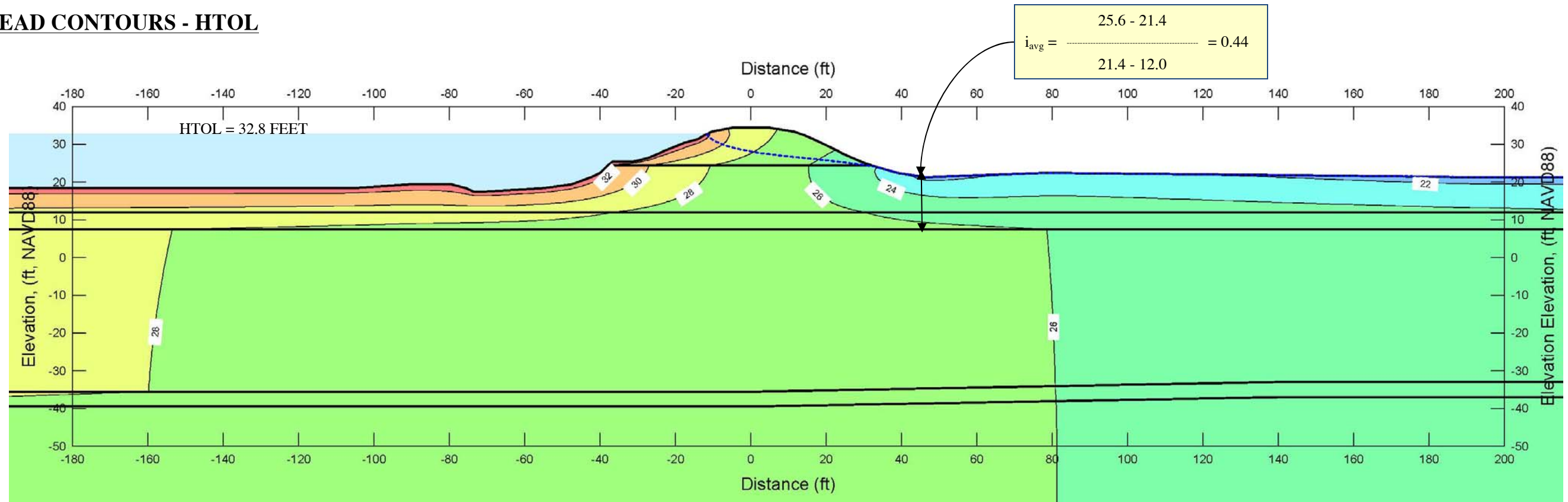
FIGURE NO.
E-68-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL

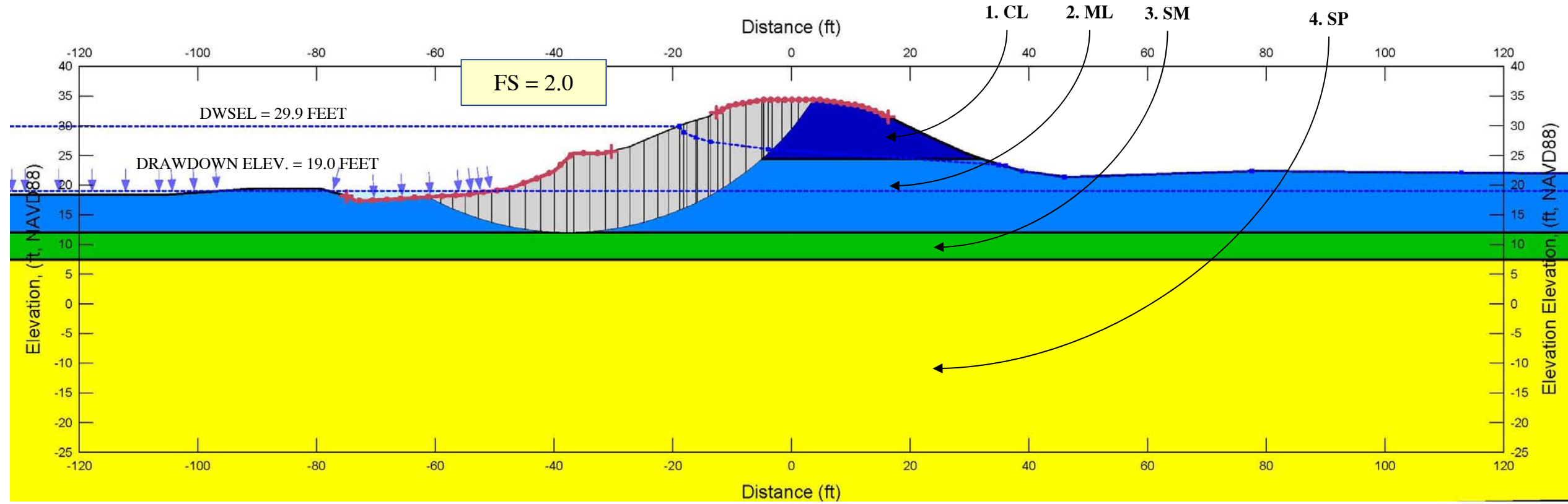


SEEPAGE ANALYSIS
 REACH P1- STA 866+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

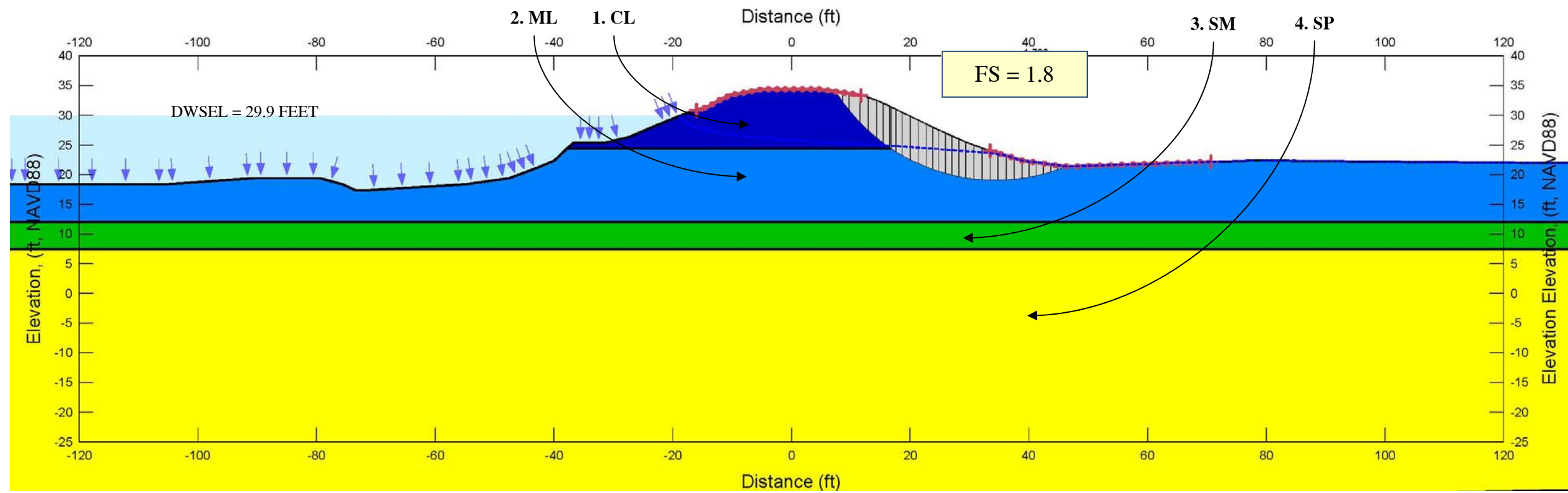
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-68-C

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR

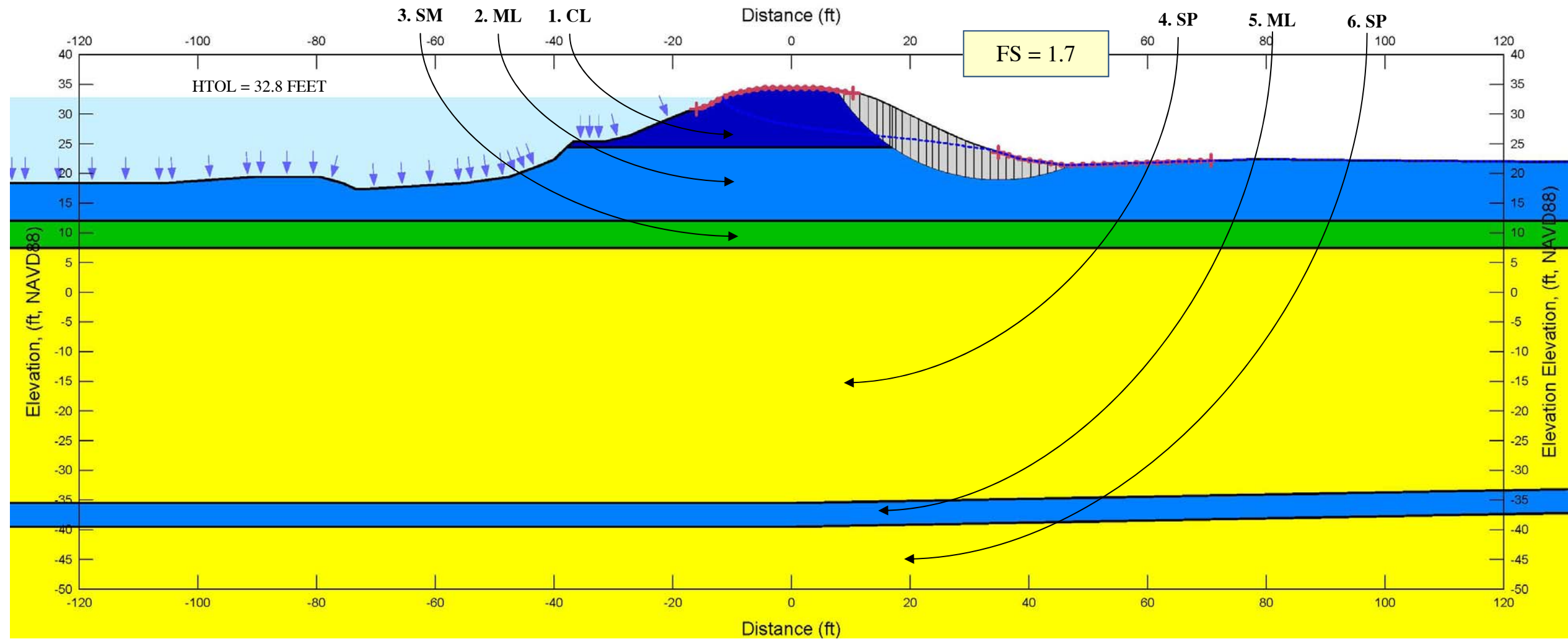


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

	STATIC SLOPE STABILITY ANALYSIS REACH P1- STA 866+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-68-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL

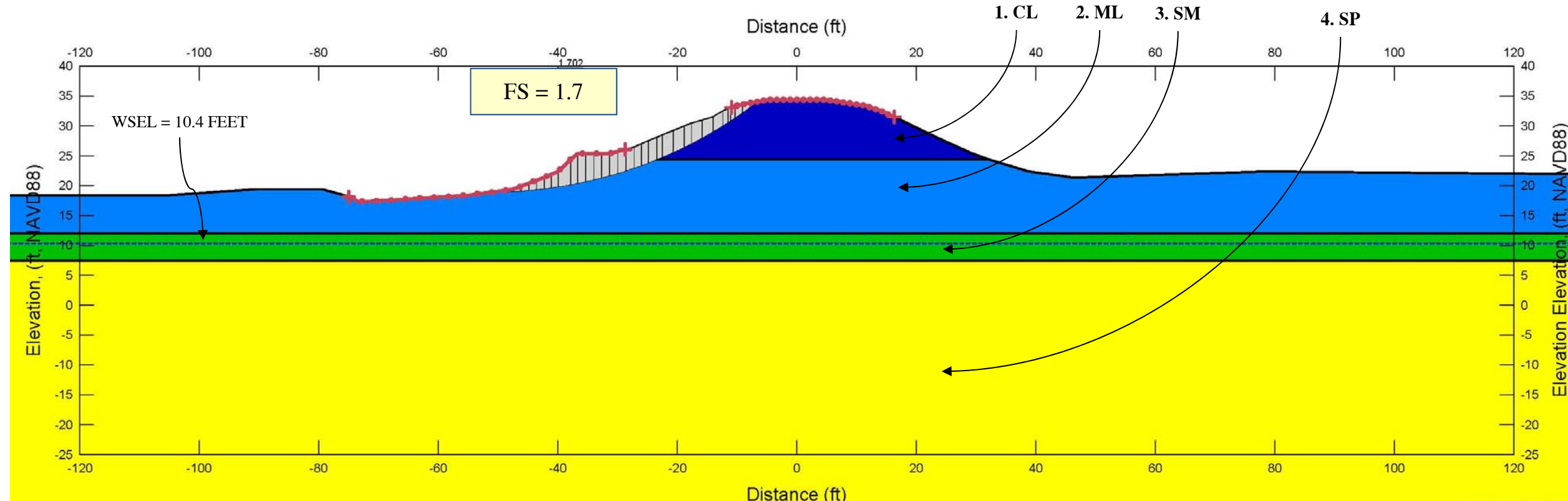
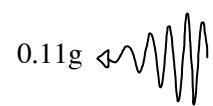


STATIC SLOPE STABILITY ANALYSIS
REACH P1- STA 866+50
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

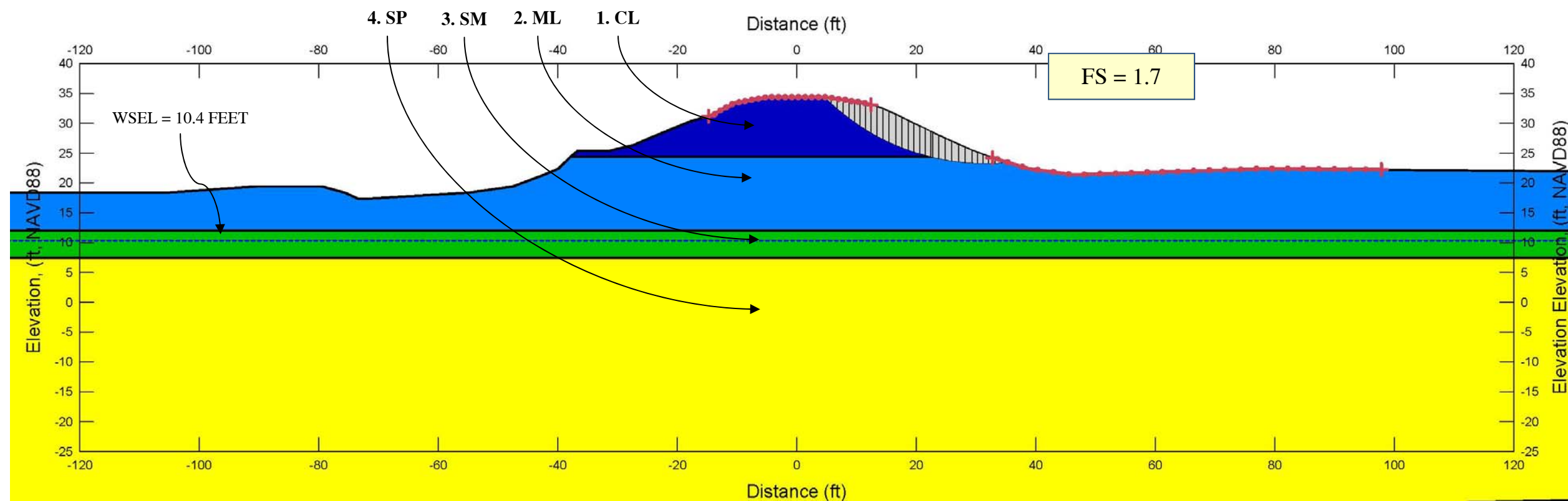
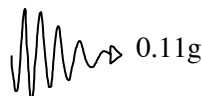
PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-68-E

WATERSIDE SEISMIC



LANDSIDE SEISMIC

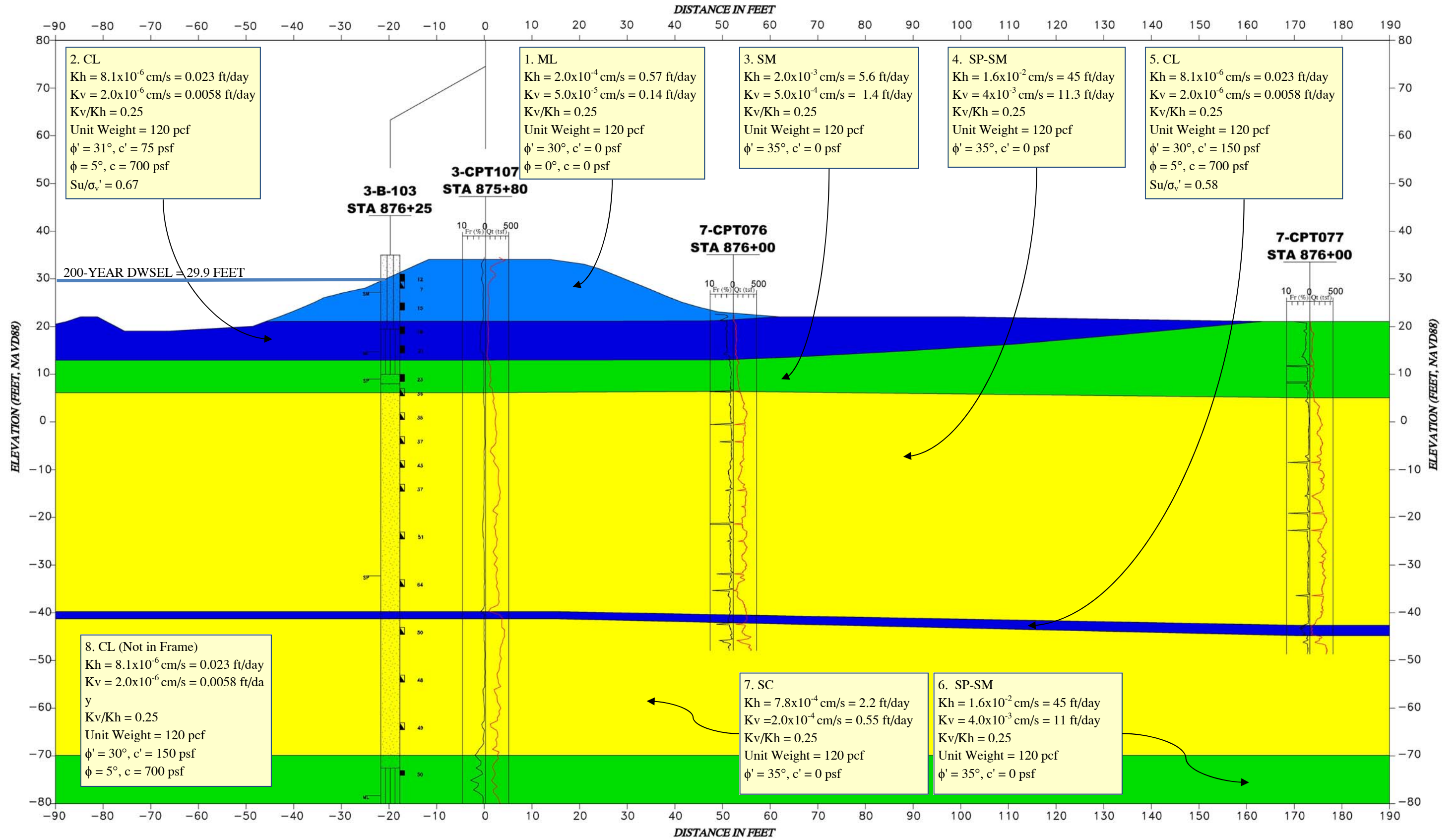


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

	SEISMIC SLOPE STABILITY ANALYSIS REACH P1- STA 866+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-68-F
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



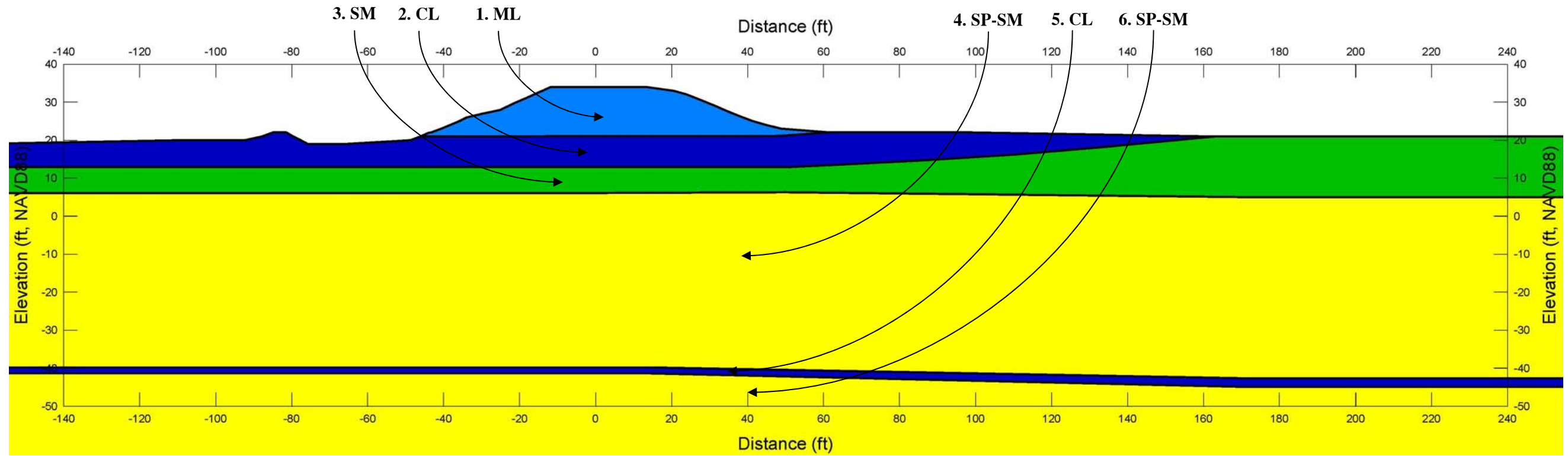
CROSS SECTION & MATERIAL PARAMETERS
 REACH P2- STA 876+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

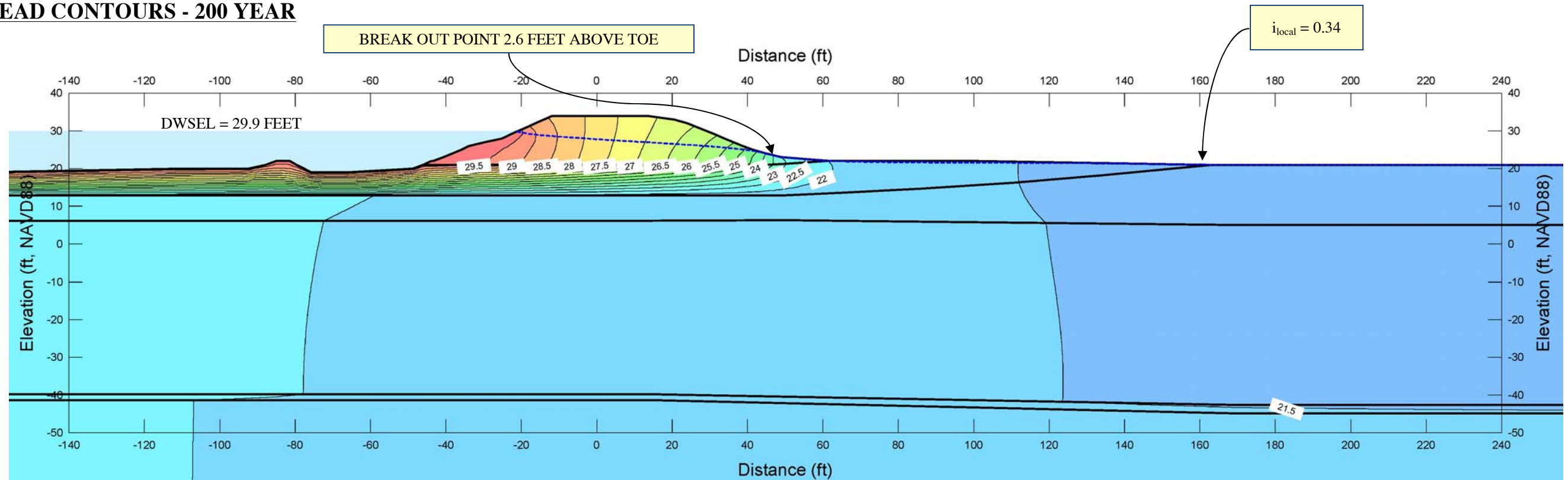
FIGURE NO.
E-69-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL

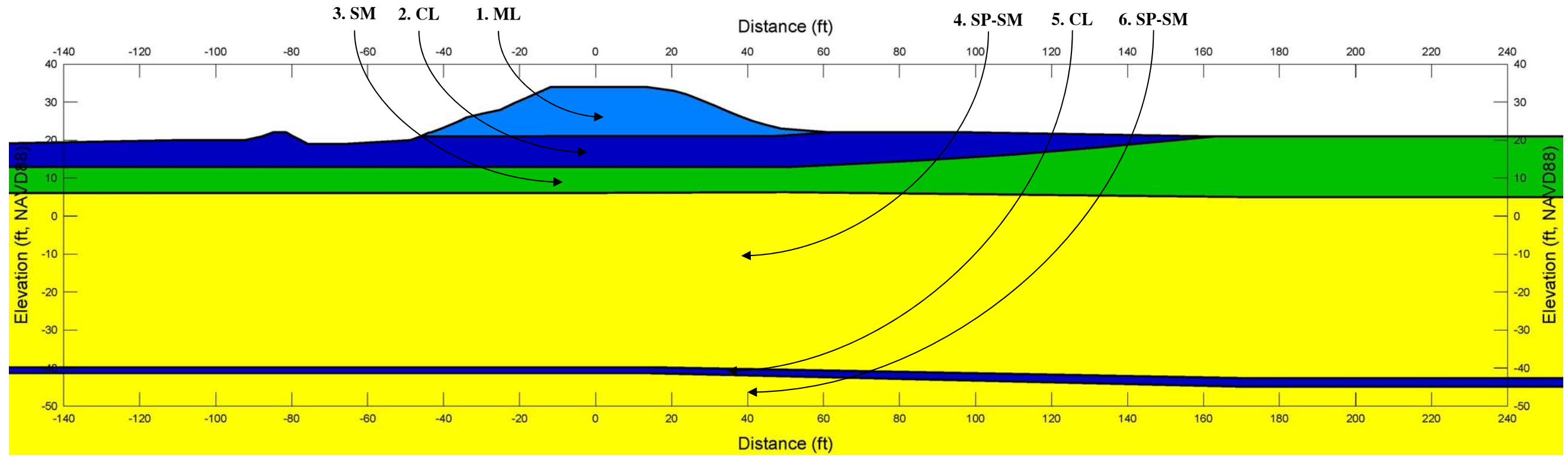


TOTAL HEAD CONTOURS - 200 YEAR

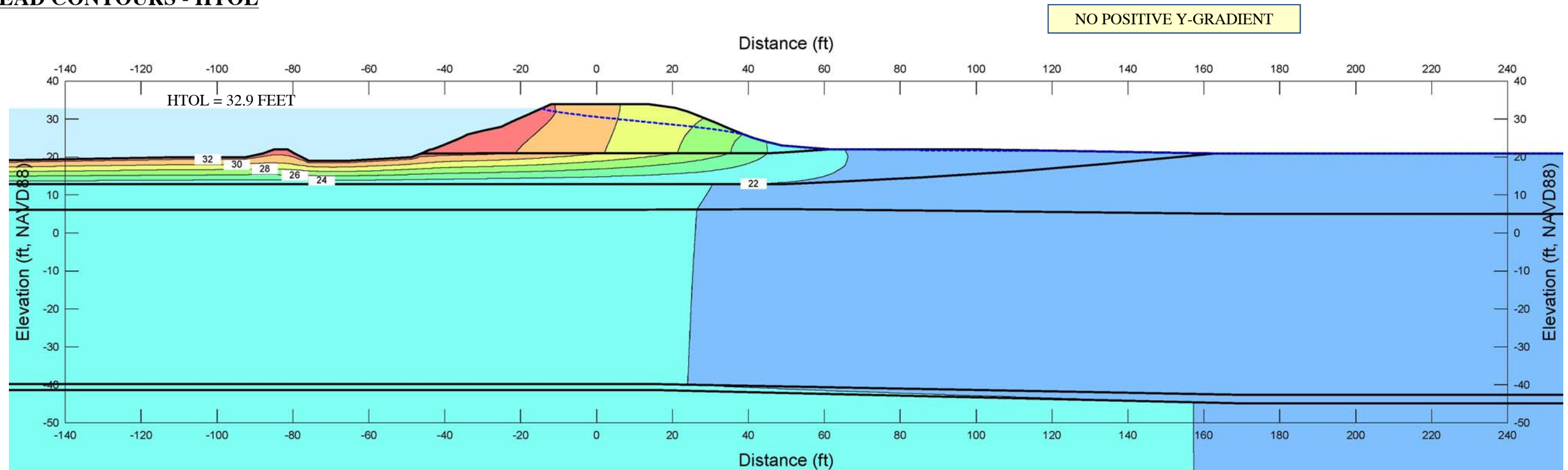


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



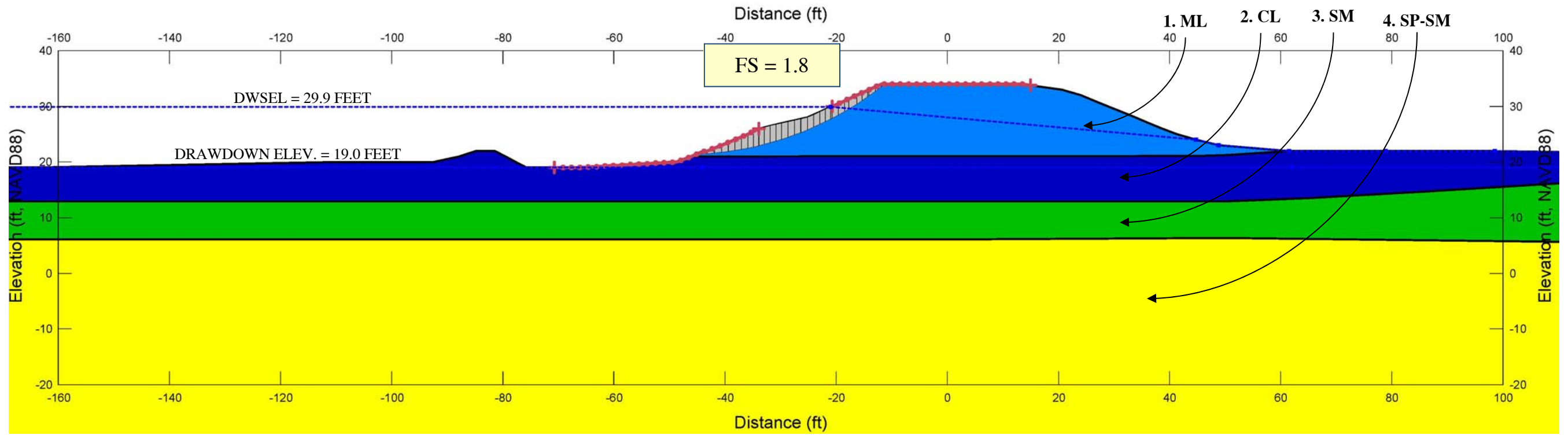
SEEPAGE ANALYSIS
 REACH P2- STA 876+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

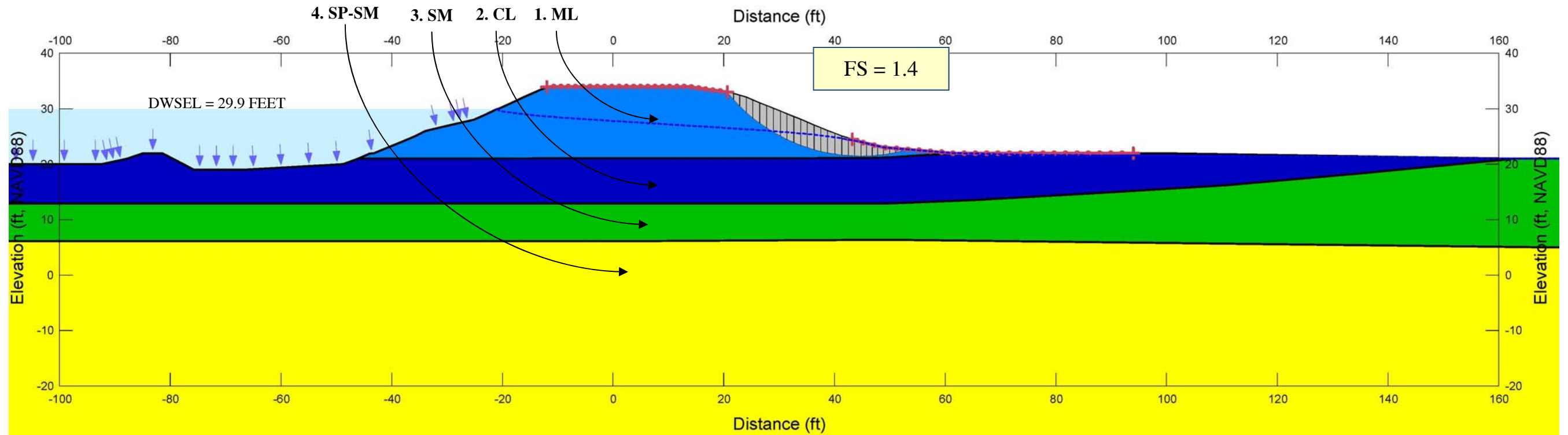
FIGURE NO.
E-69-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



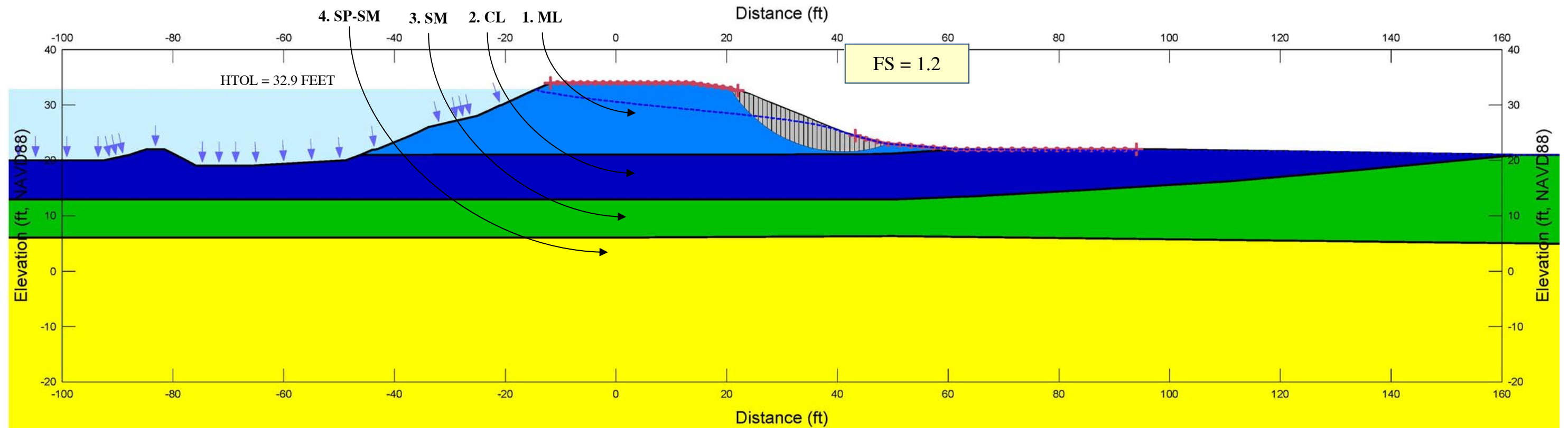
STATIC SLOPE STABILITY ANALYSIS
 REACH P2- STA 876+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-69-D

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



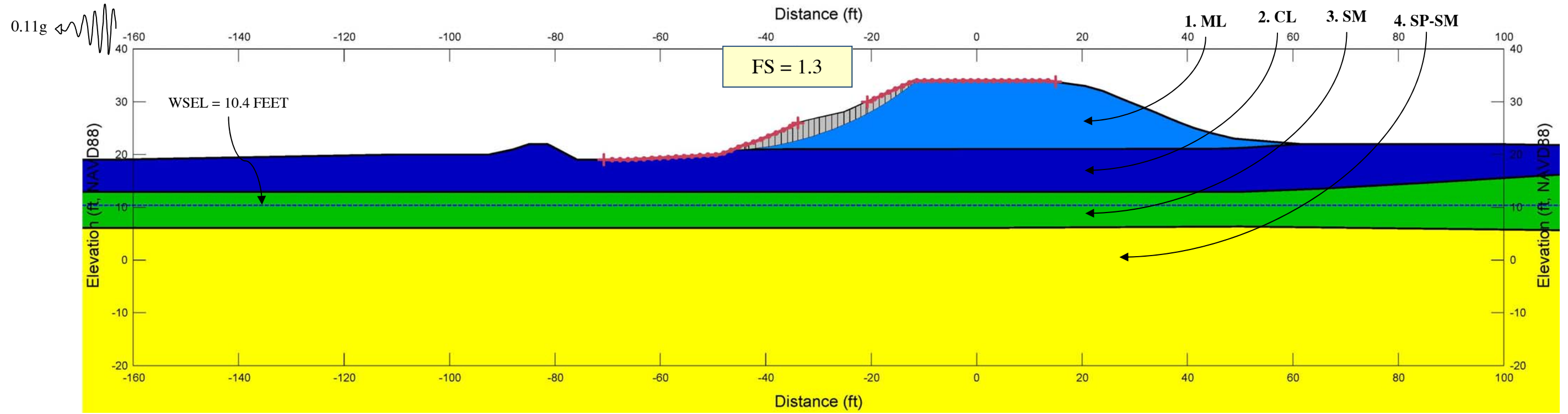
STATIC SLOPE STABILITY ANALYSIS
 REACH P2- STA 876+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY: BA	CHECKED BY: NS

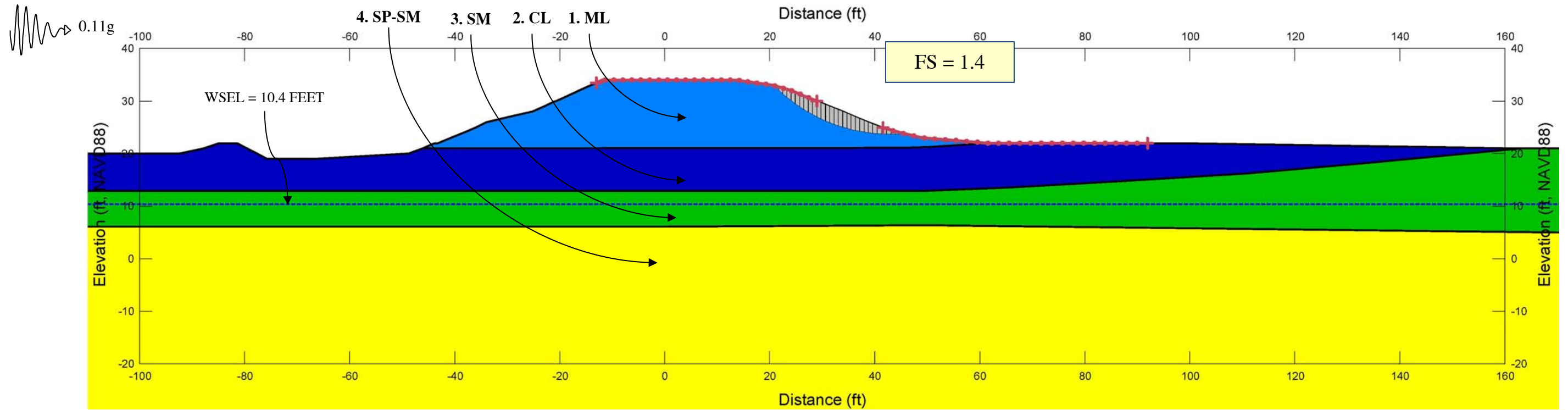
FIGURE NO.
 E-69-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



SEISMIC SLOPE STABILITY ANALYSIS
REACH P2- STA 876+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

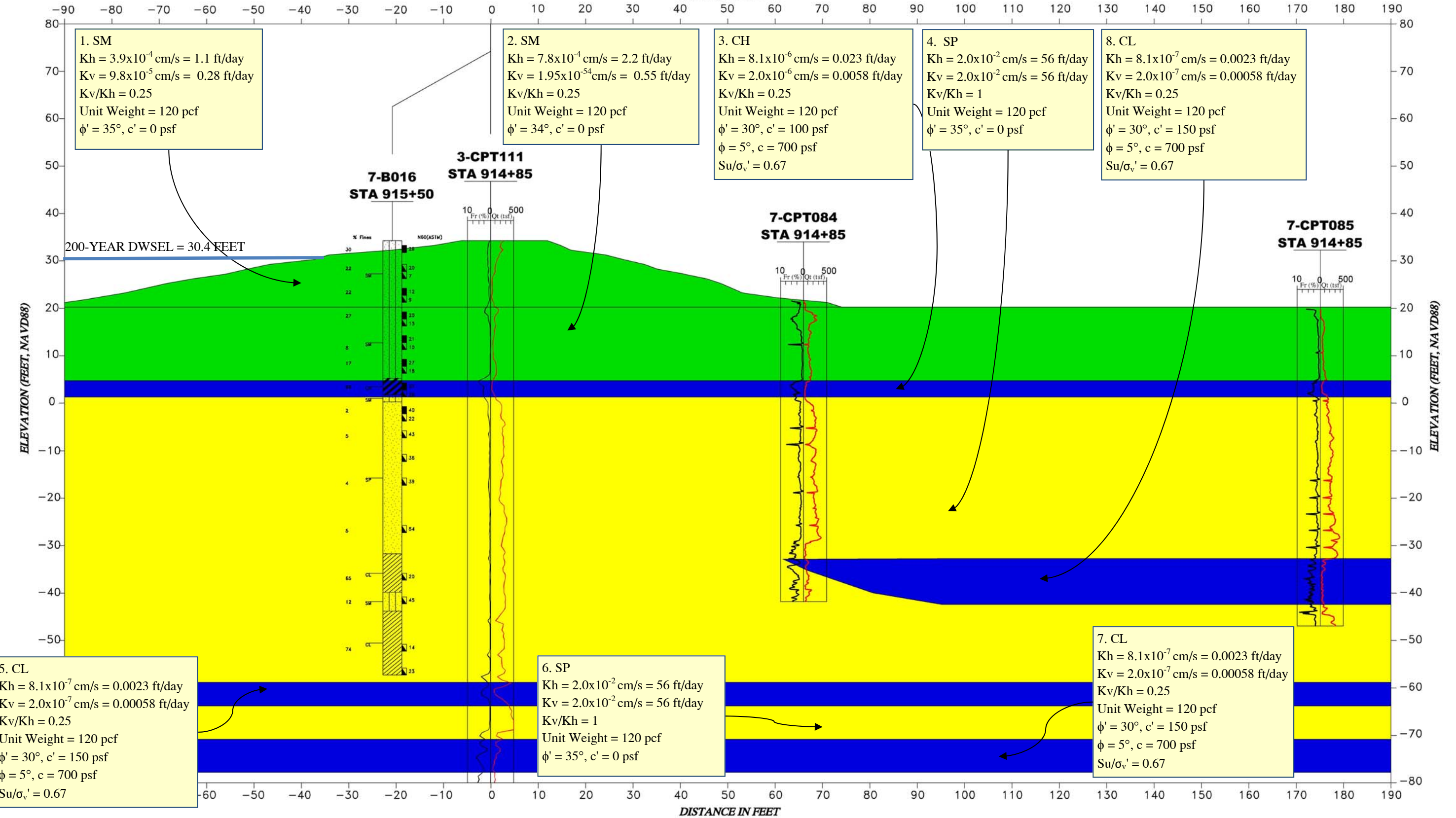
PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

FIGURE NO.
E-69-F

WATERSIDE

LANDSIDE

DISTANCE IN FEET



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



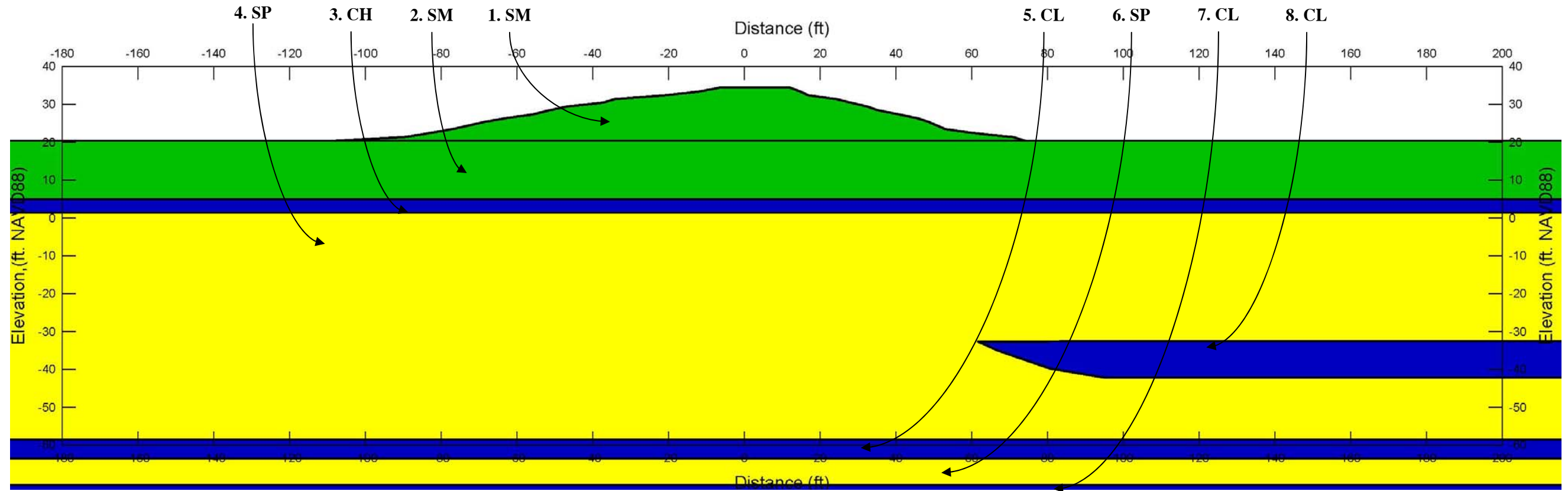
CROSS SECTION & MATERIAL PARAMETERS
 REACH Q1- STA 915+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

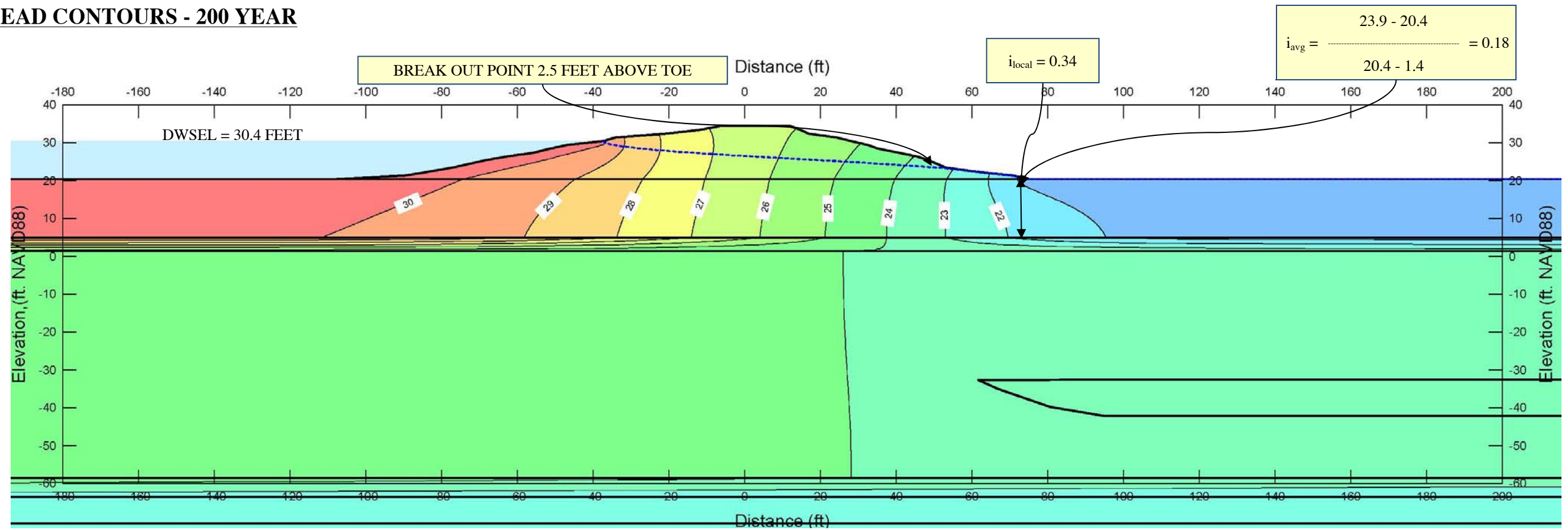
FIGURE NO.
E-70-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



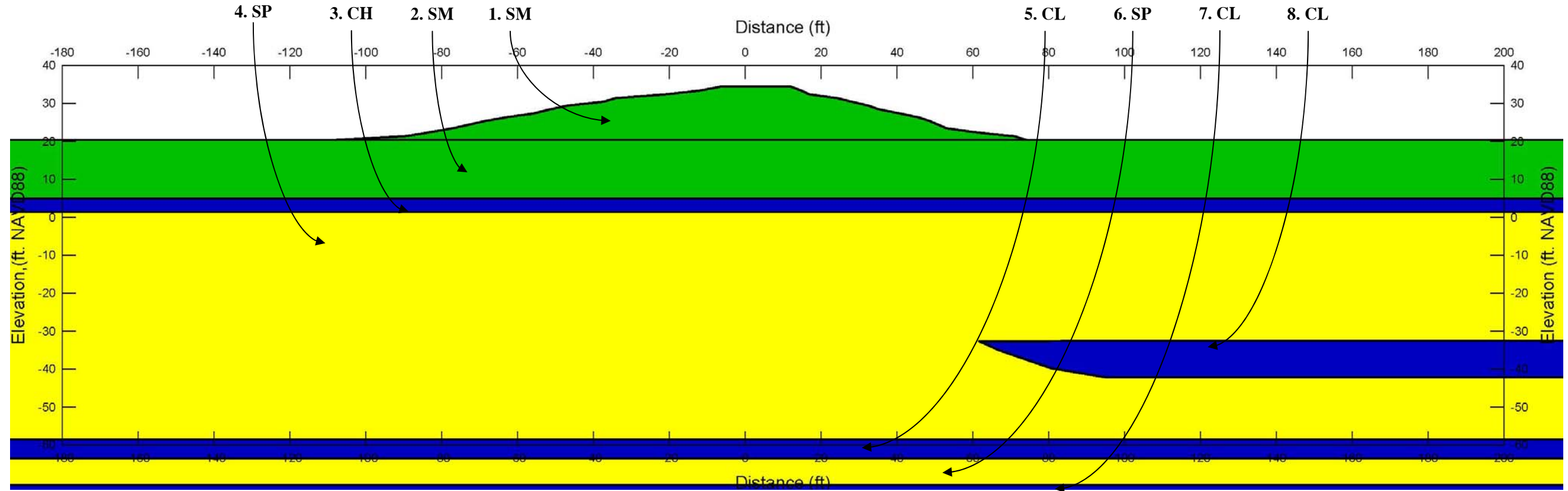
SEEPAGE ANALYSIS
REACH Q1 - STA 915+50
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

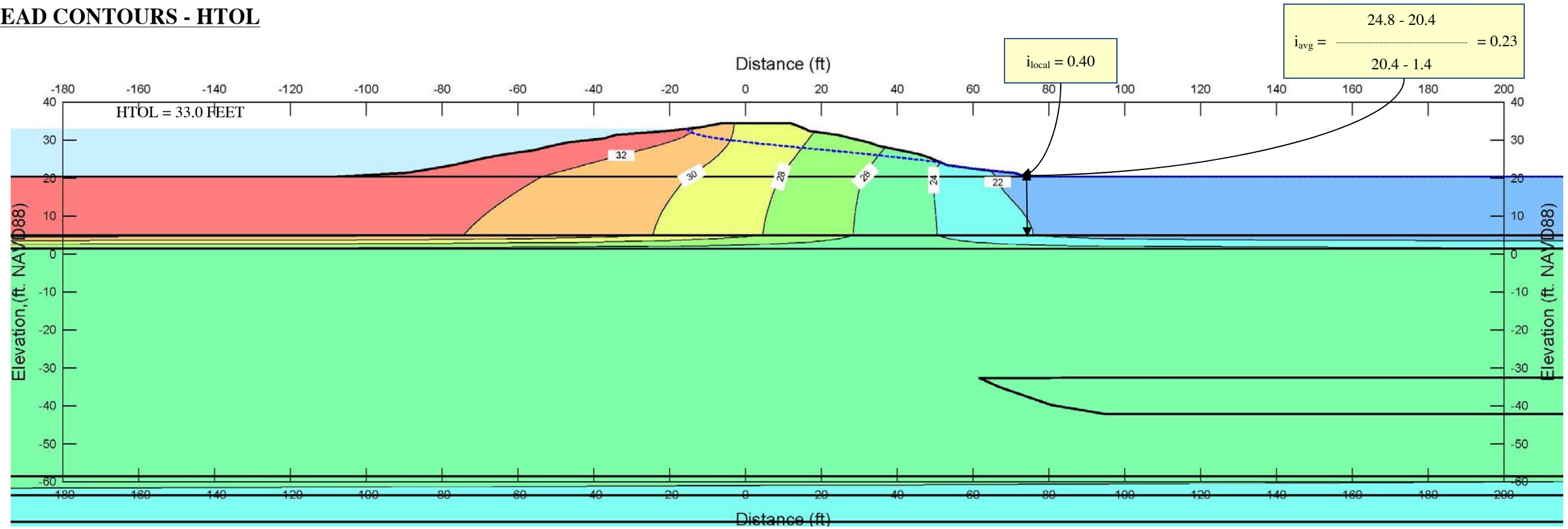
FIGURE NO.
E-70-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



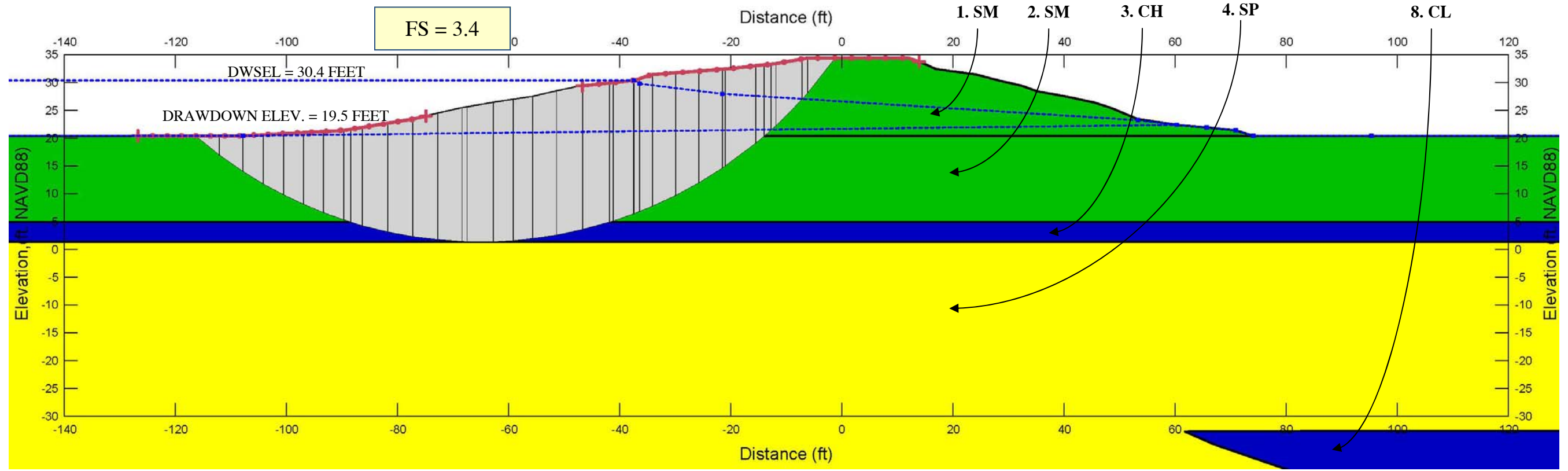
SEEPAGE ANALYSIS
REACH Q1 - STA 915+50
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

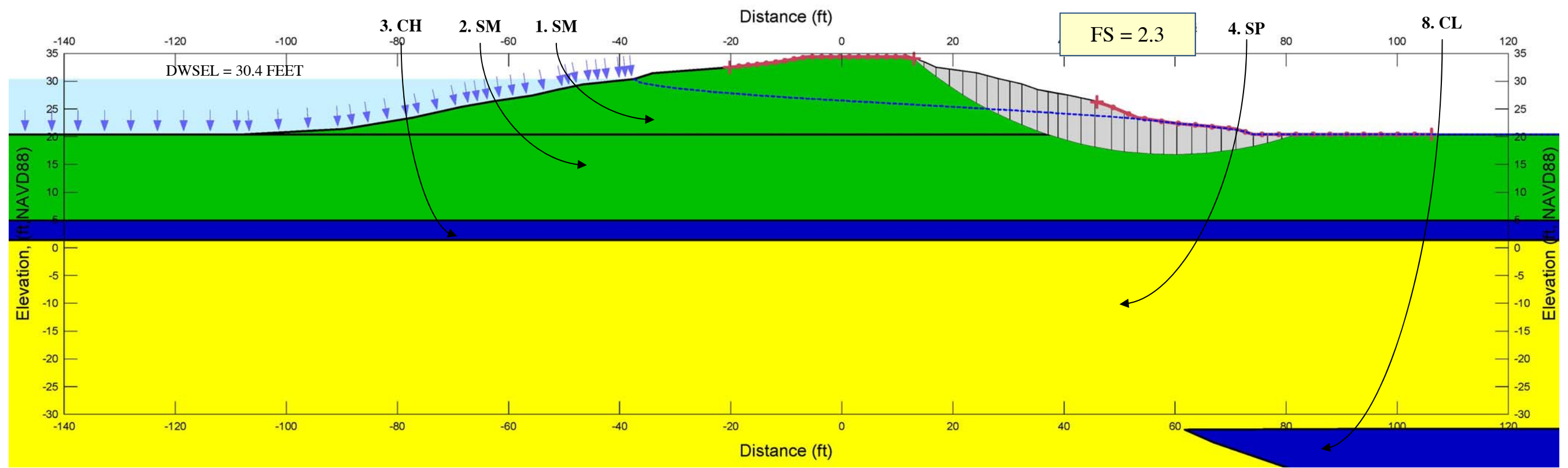
FIGURE NO.
E-70-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



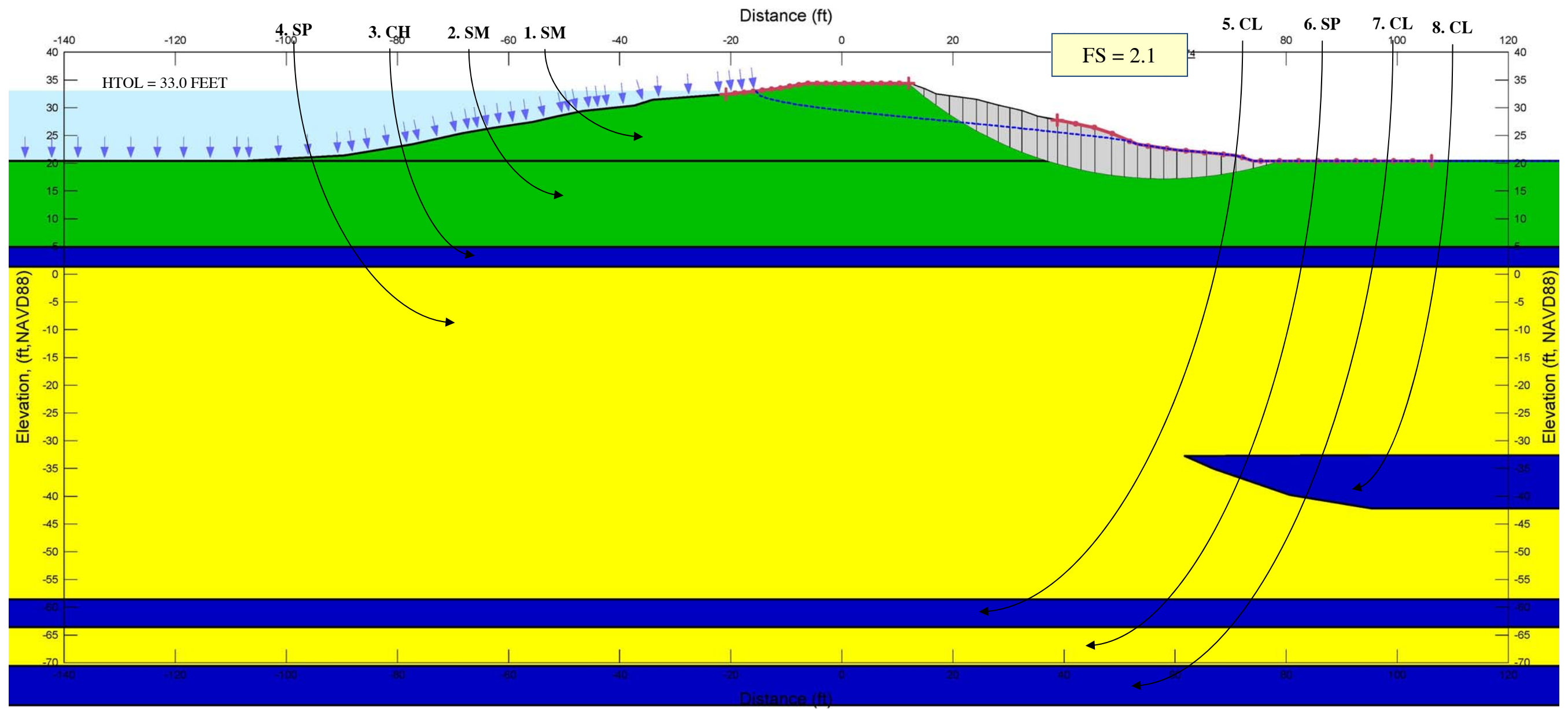
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



	STATIC SLOPE STABILITY ANALYSIS REACH Q1 - STA 915+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-70-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

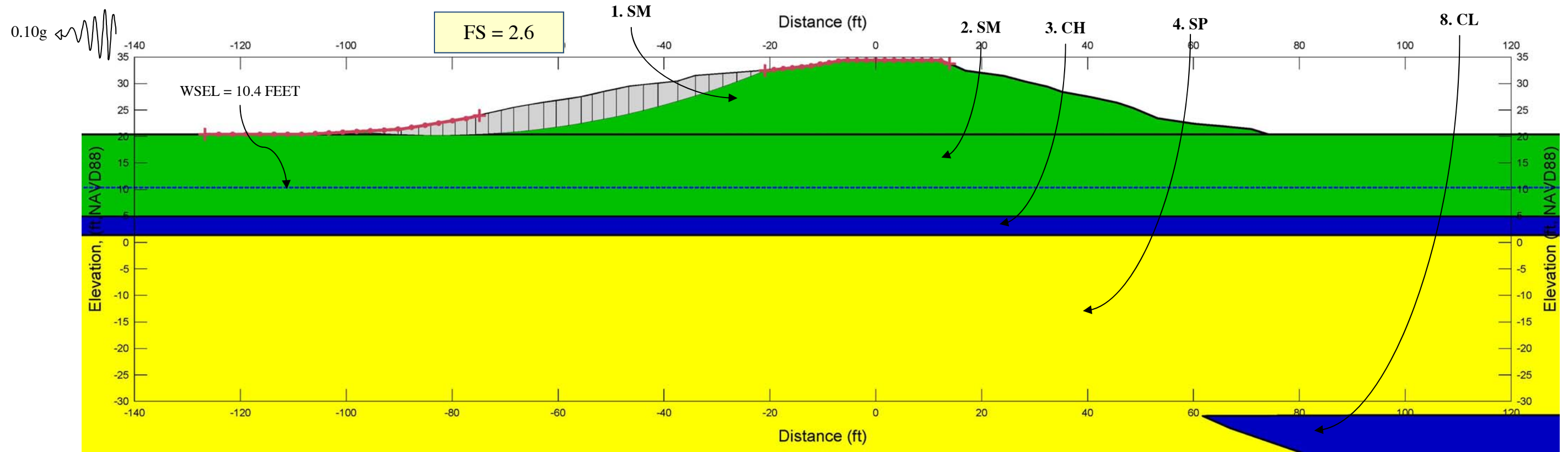
LANDSIDE STEADY STATE SEEPAGE - HTOL



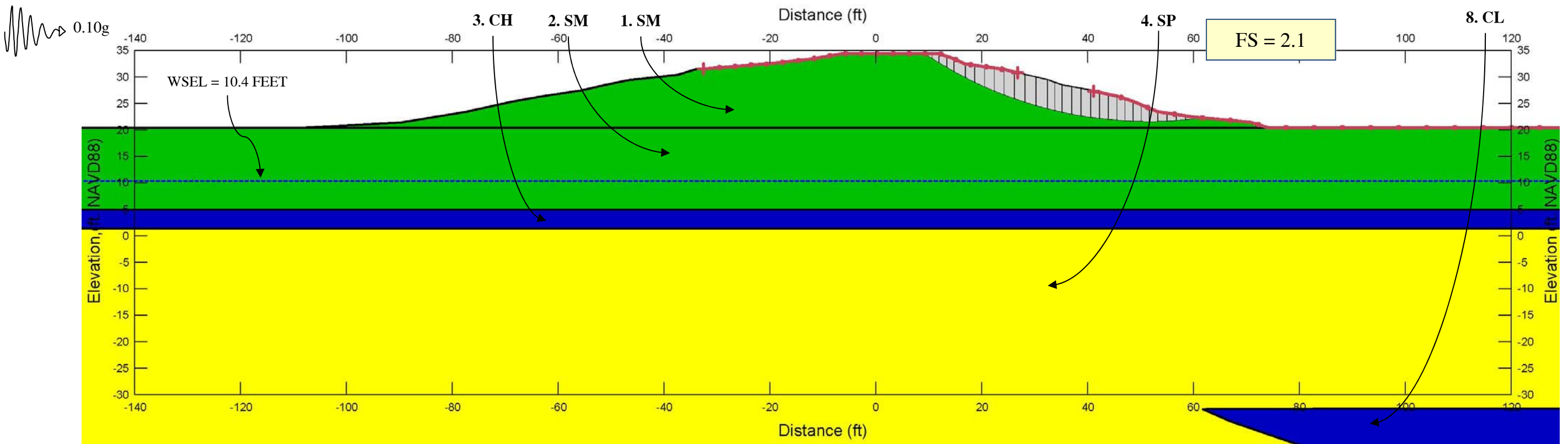
	STATIC SLOPE STABILITY ANALYSIS REACH Q1 - STA 915+50 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-70-E
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



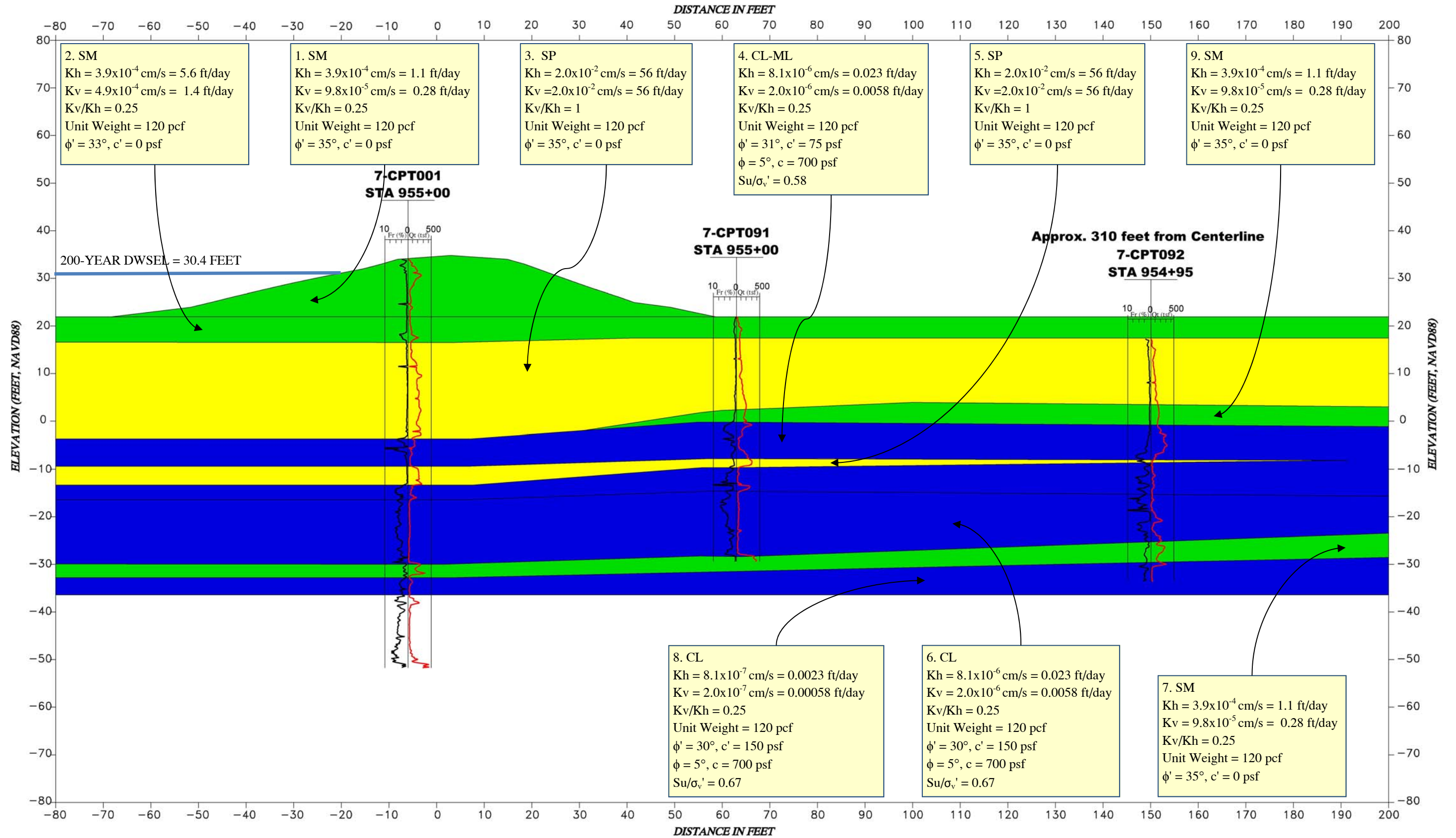
SEISMIC SLOPE STABILITY ANALYSIS
 REACH Q1 - STA 915+50
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

FIGURE NO.
E-70-F

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



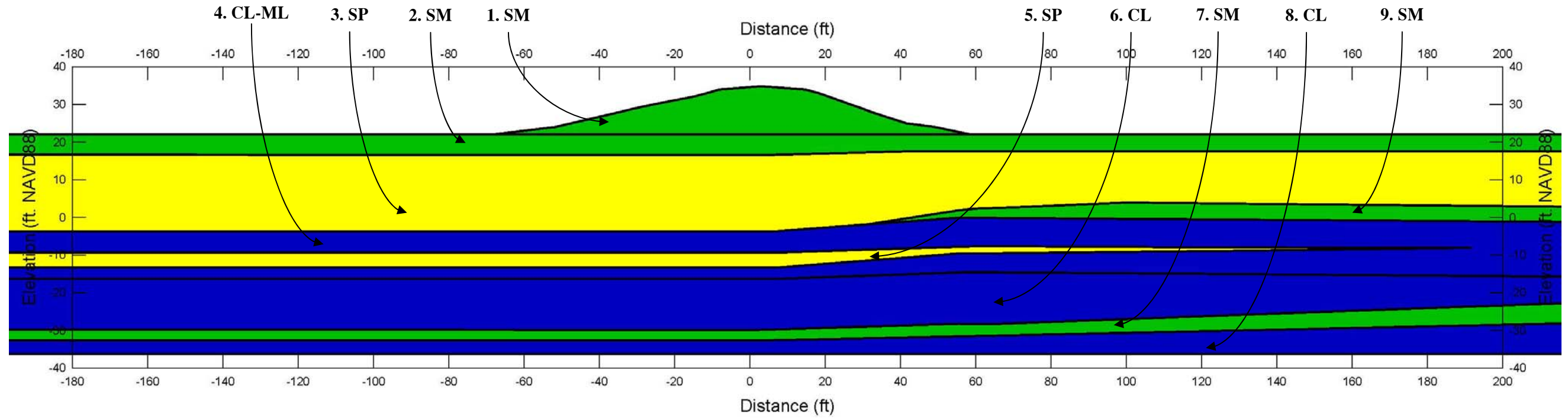
CROSS SECTION & MATERIAL PARAMETERS
 REACH R1- STA 955+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	BA
CHECKED BY:	NS

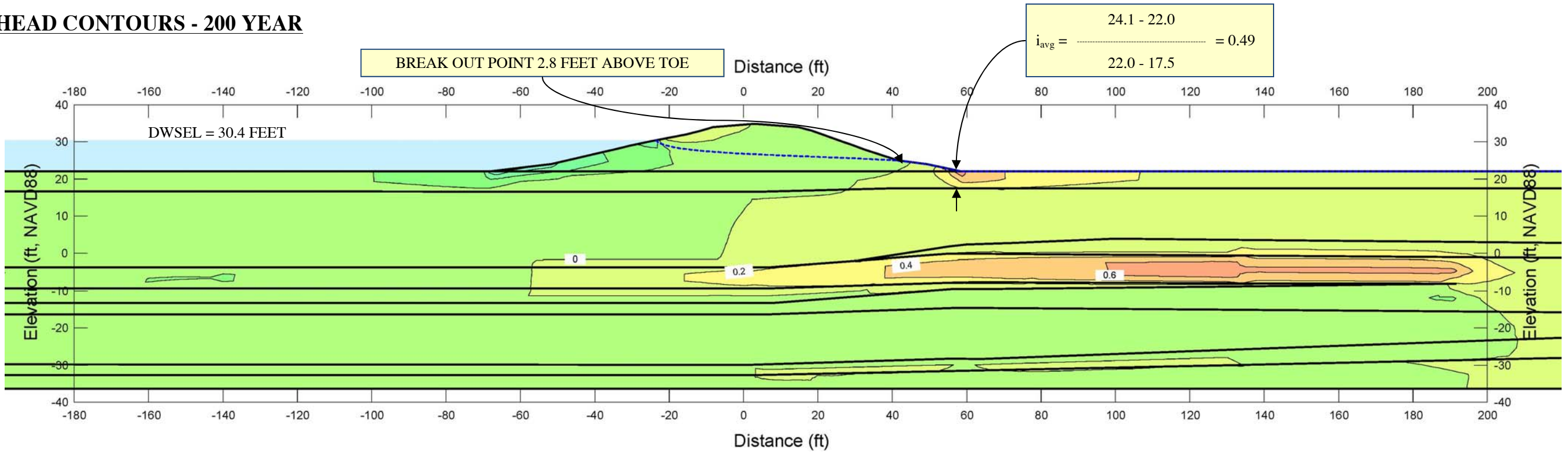
FIGURE NO.
E-71-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



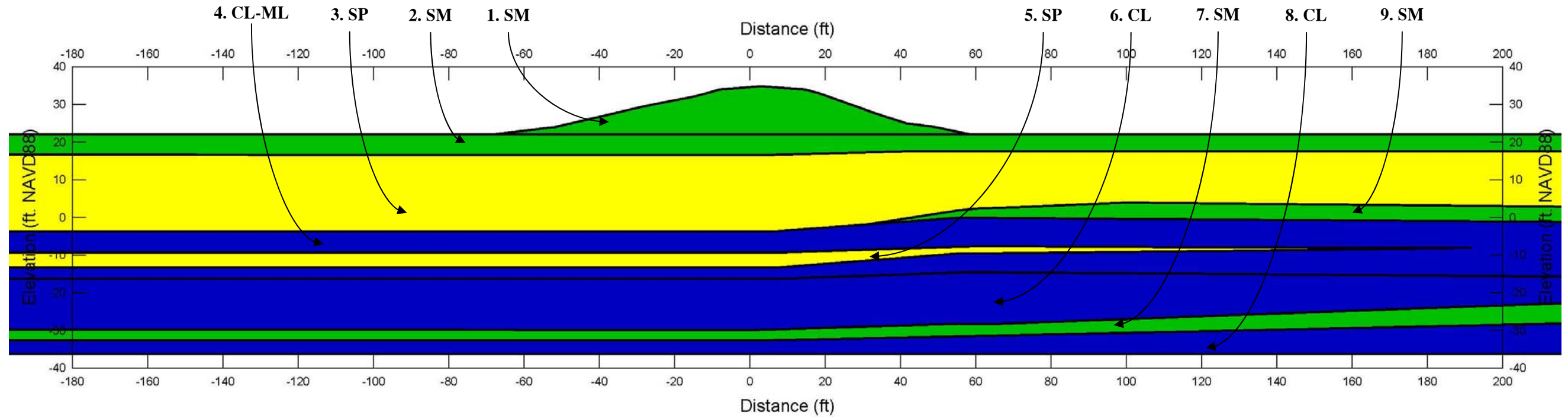
TOTAL HEAD CONTOURS - 200 YEAR



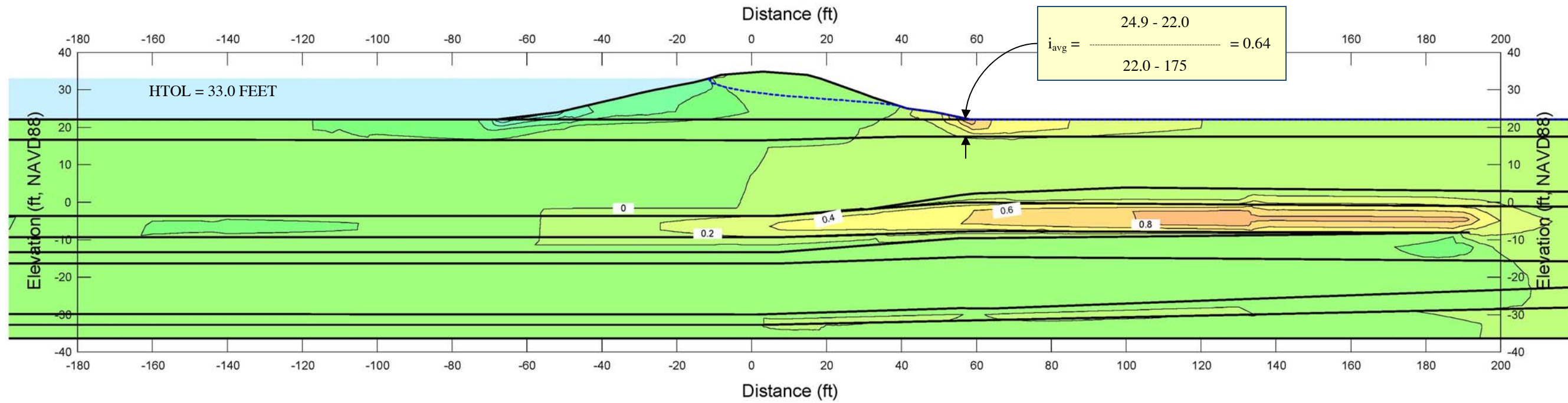
	SEEPAGE ANALYSIS REACH R1 - STA 955+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-71-B
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



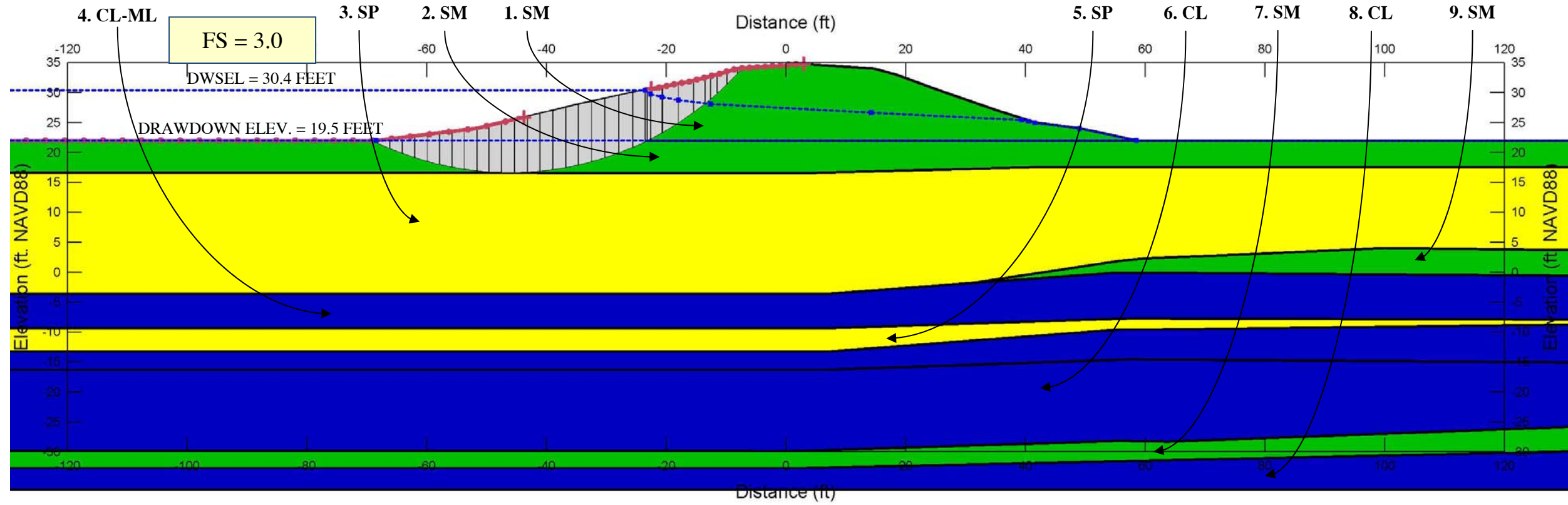
SEEPAGE ANALYSIS
 REACH R1 - STA 955+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

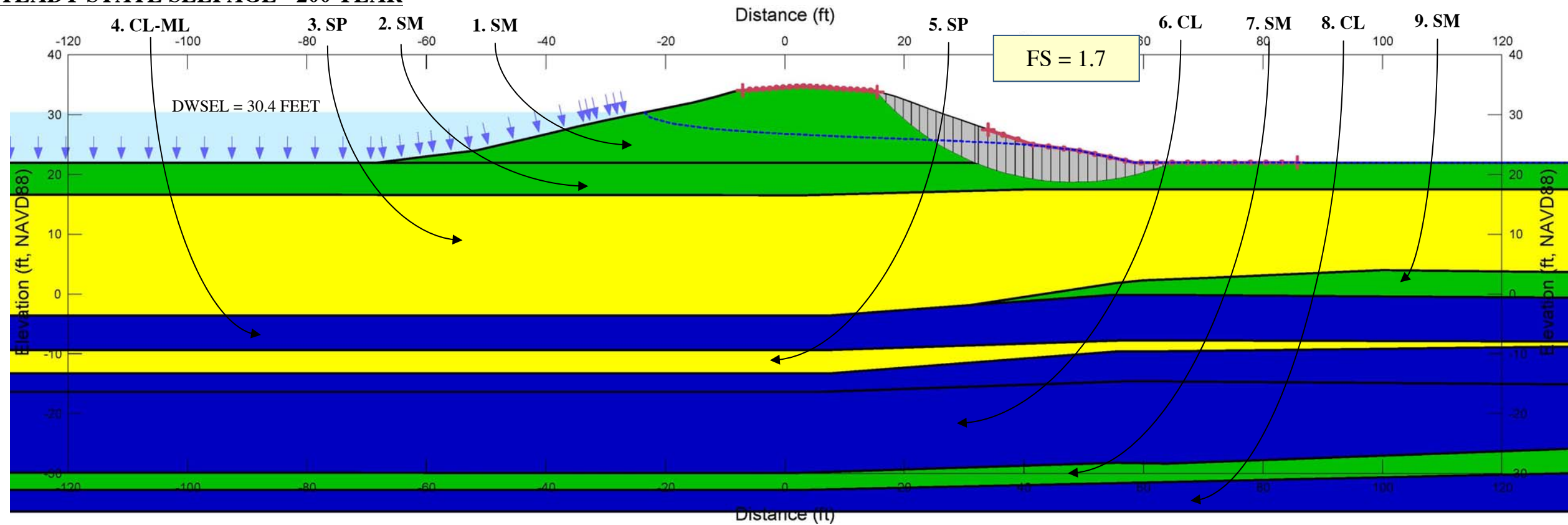
FIGURE NO.
E-71-C

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



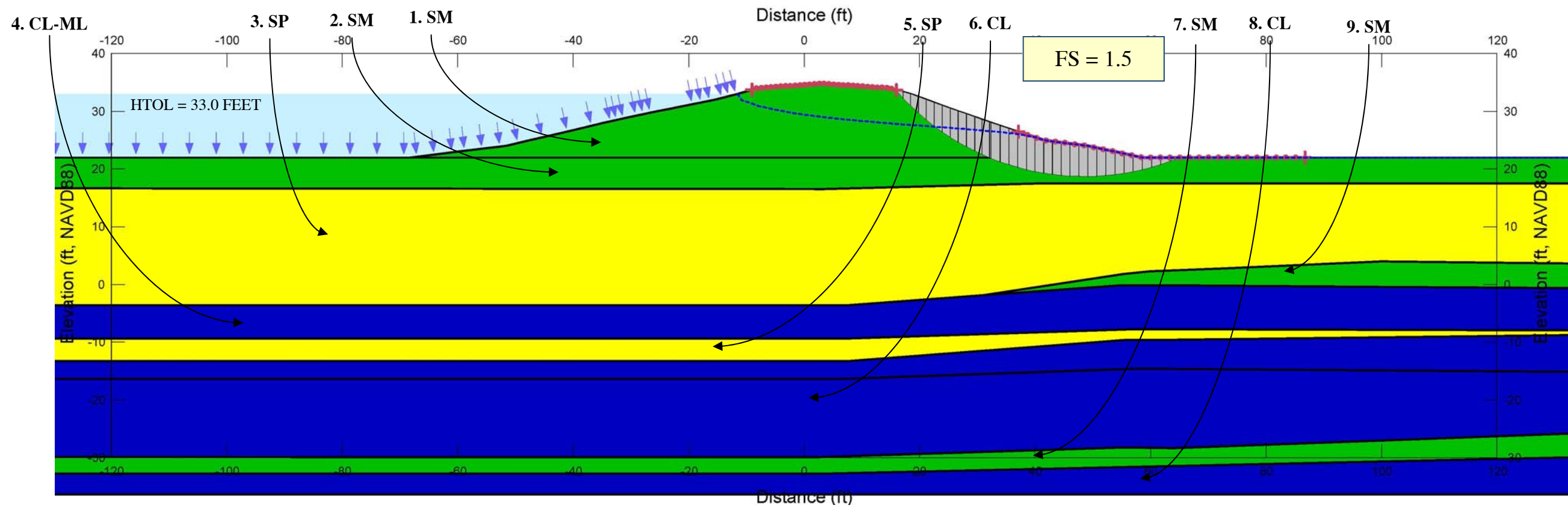
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



	STATIC SLOPE STABILITY ANALYSIS REACH R1- STA 955+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-71-D
			SCALE: NO SCALE	
			DRAWN BY: BA CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



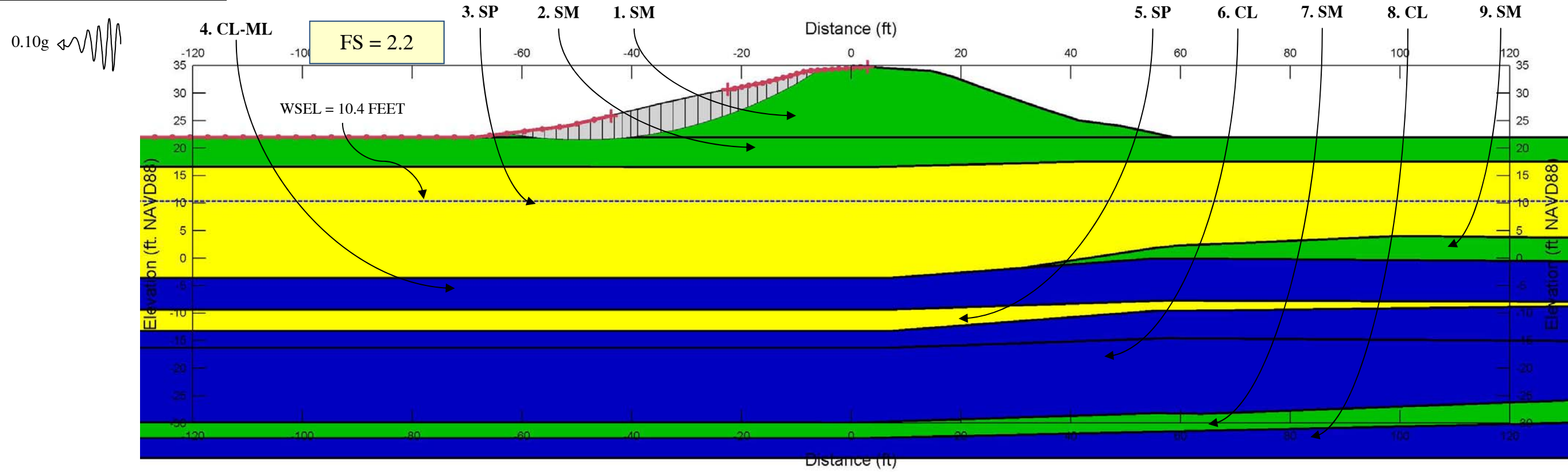
STATIC SLOPE STABILITY ANALYSIS
 REACH R1 - STA 955+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: BA	CHECKED BY: NS

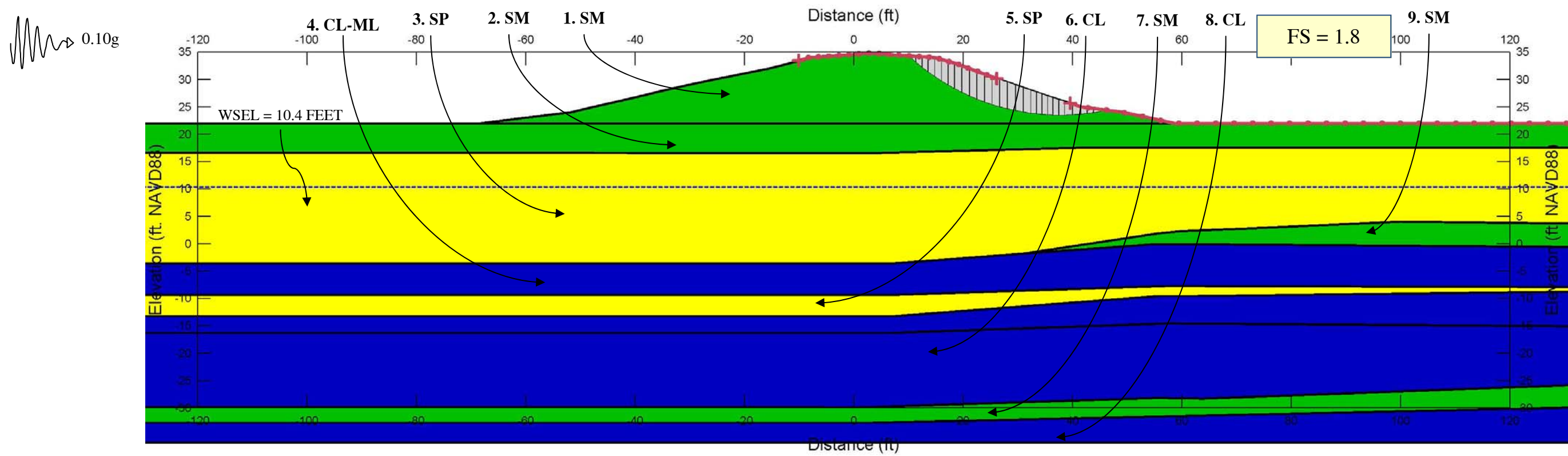
FIGURE NO.
E-71-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC

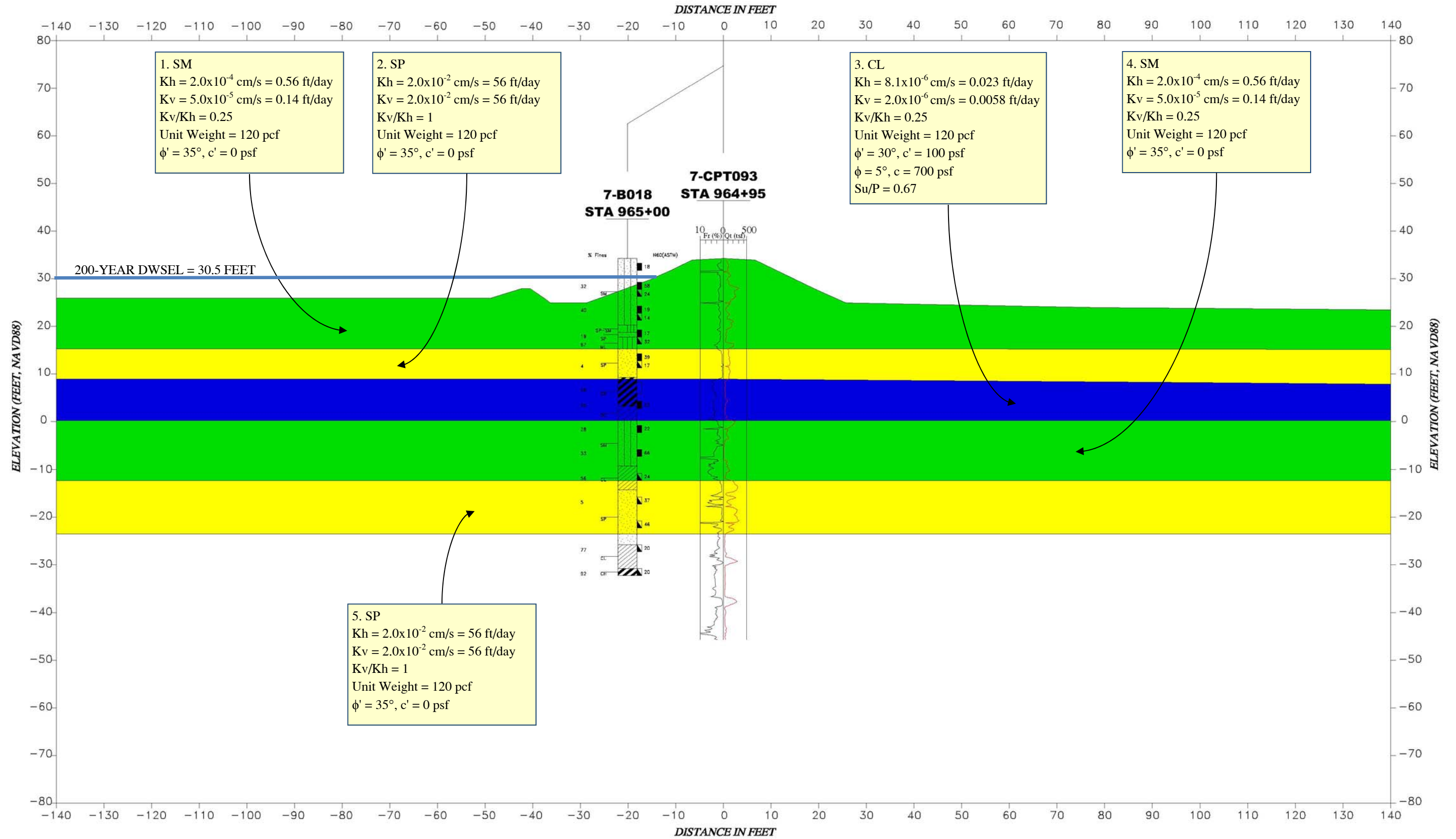


SEISMIC SLOPE STABILITY ANALYSIS
REACH R1 - STA 955+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	FIGURE NO.
SCALE: NO SCALE	E-71-F
DRAWN BY: BA	

WATERSIDE

LANDSIDE



COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.



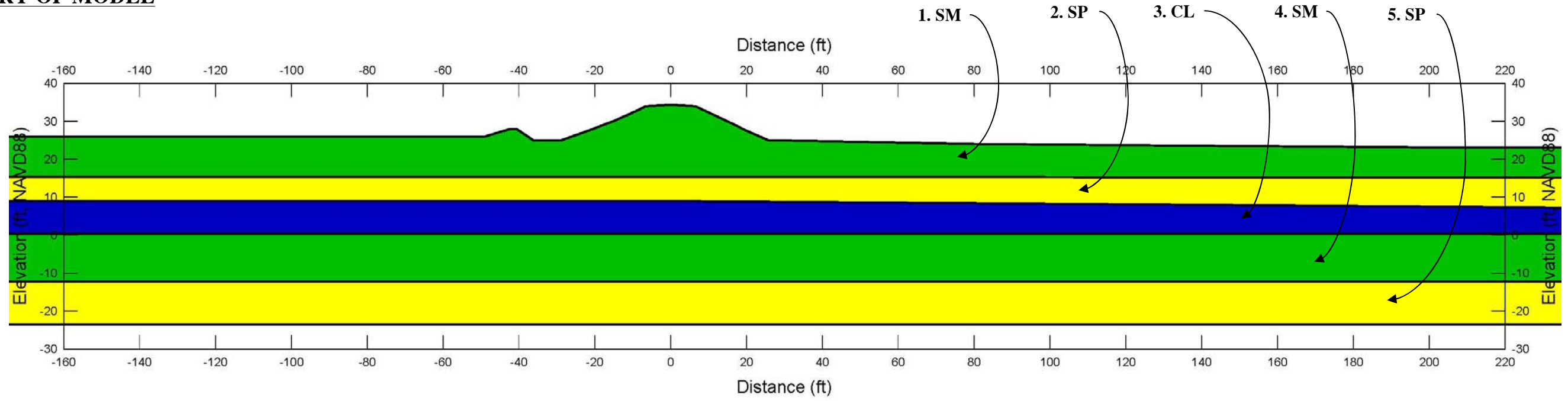
CROSS SECTION & MATERIAL PARAMETERS
 REACH S1 - STA 965+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE:	NO SCALE
DRAWN BY:	ZR
CHECKED BY:	NS

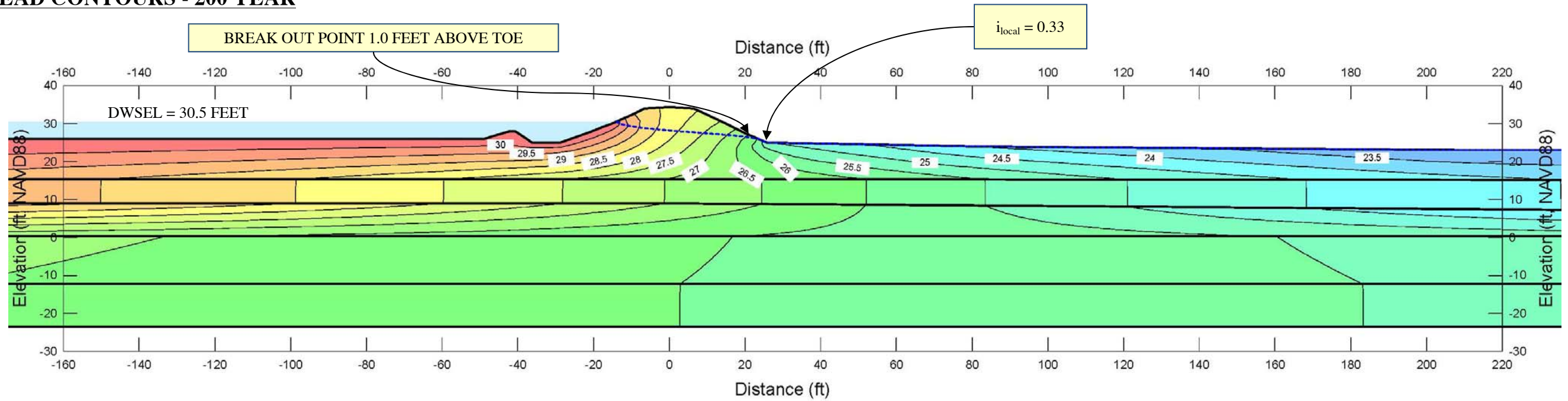
FIGURE NO.
E-72-A

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - 200 YEAR



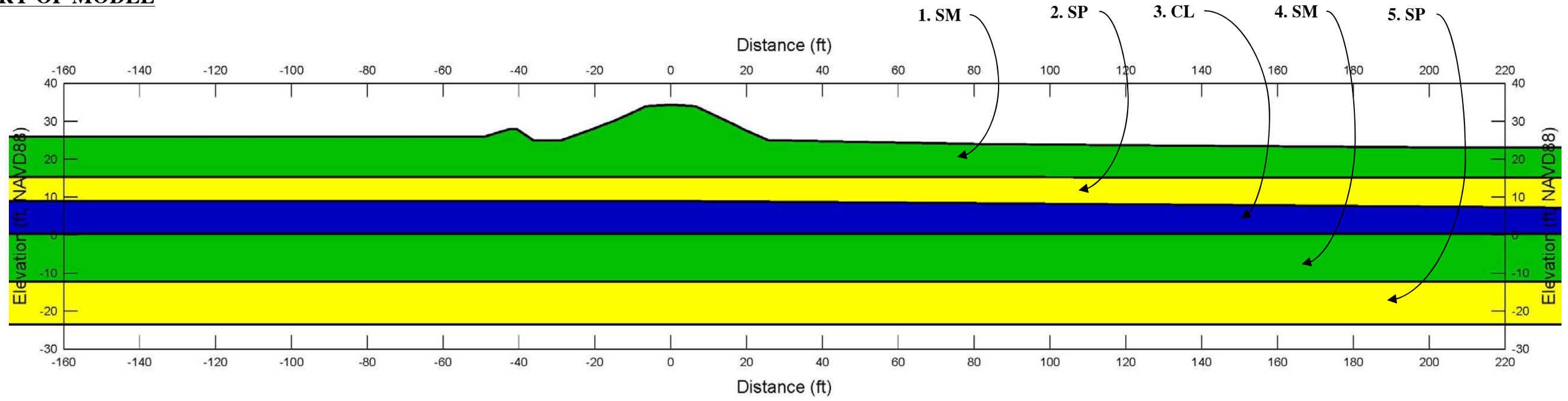
SEEPAGE ANALYSIS
 REACH S1 - STA 965+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

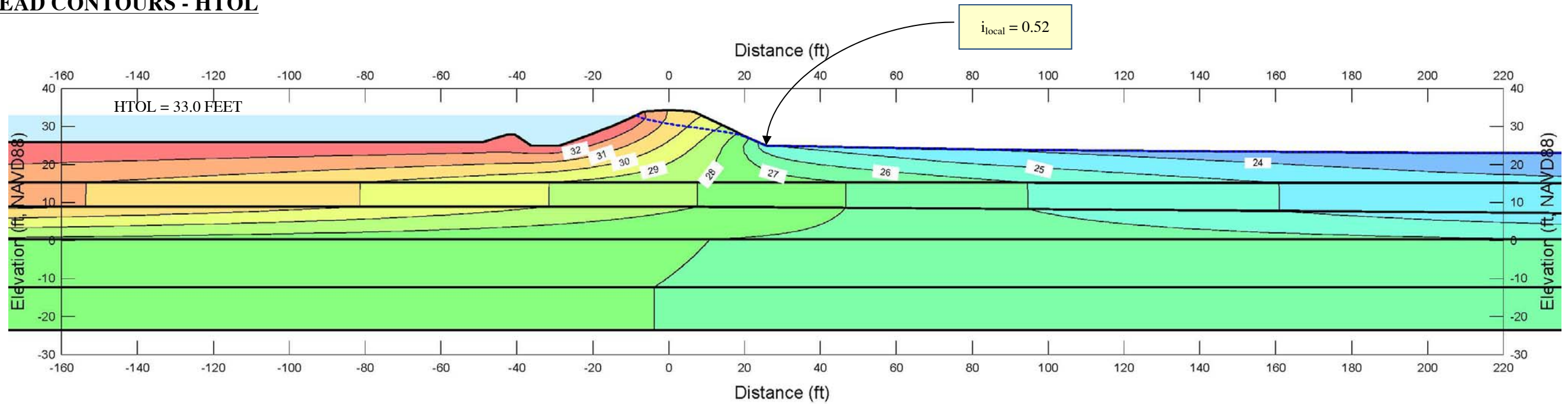
FIGURE NO.
E-72-B

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

GEOMETRY OF MODEL



TOTAL HEAD CONTOURS - HTOL



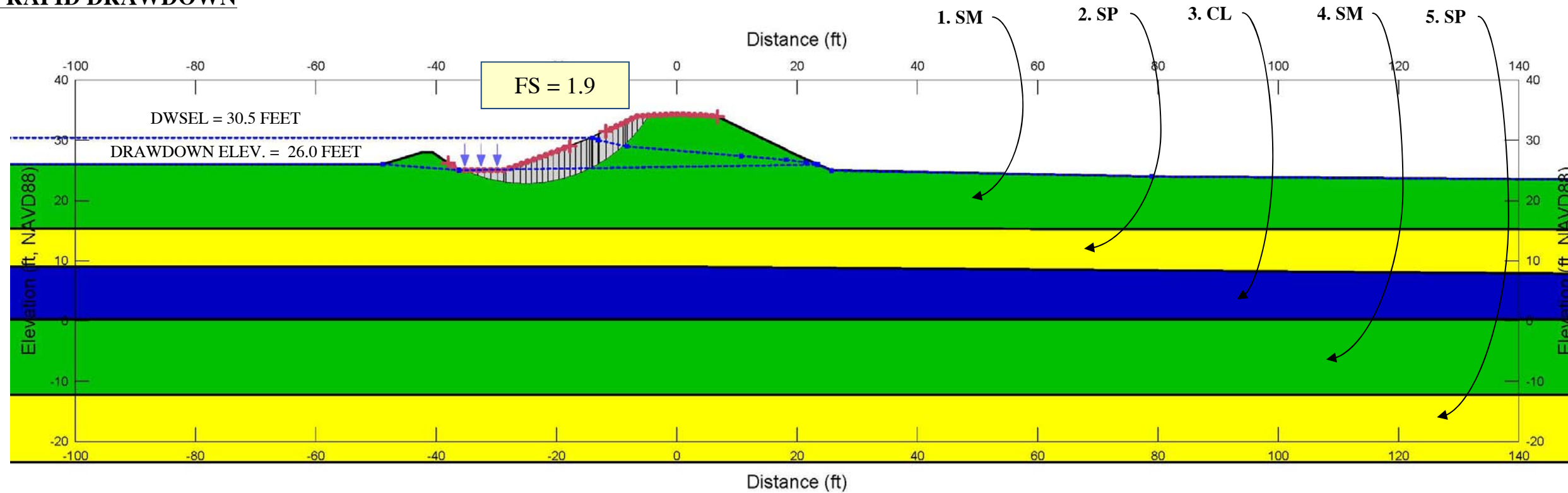
SEEPAGE ANALYSIS
 REACH S1 - STA 965+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

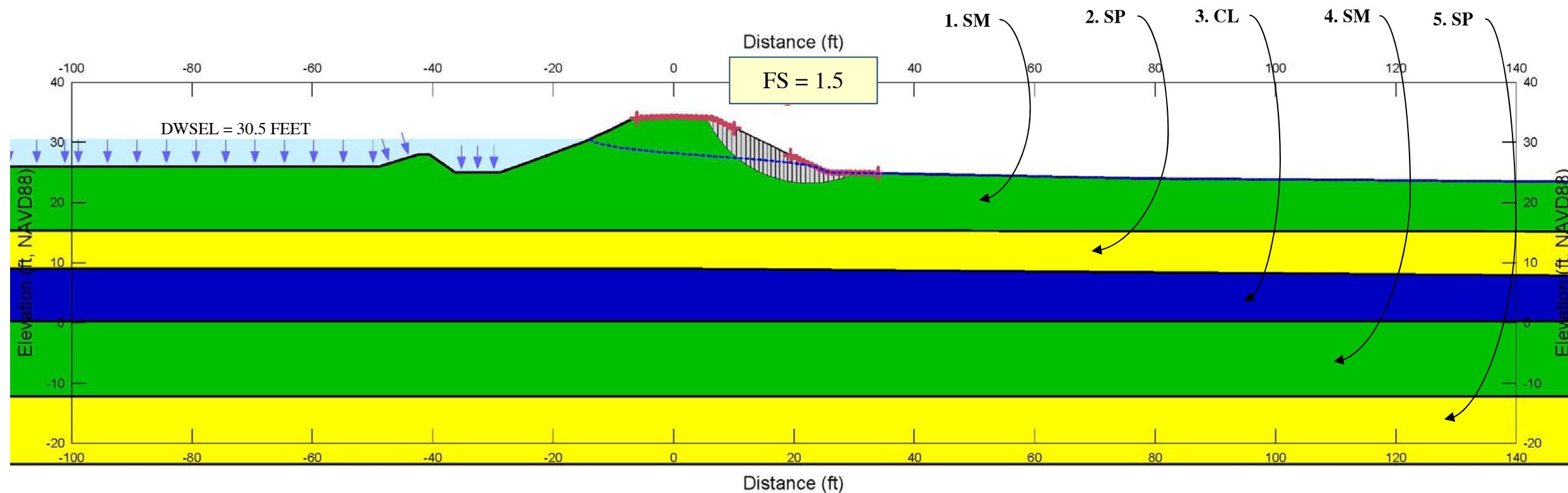
FIGURE NO.
E-72-C


COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE RAPID DRAWDOWN



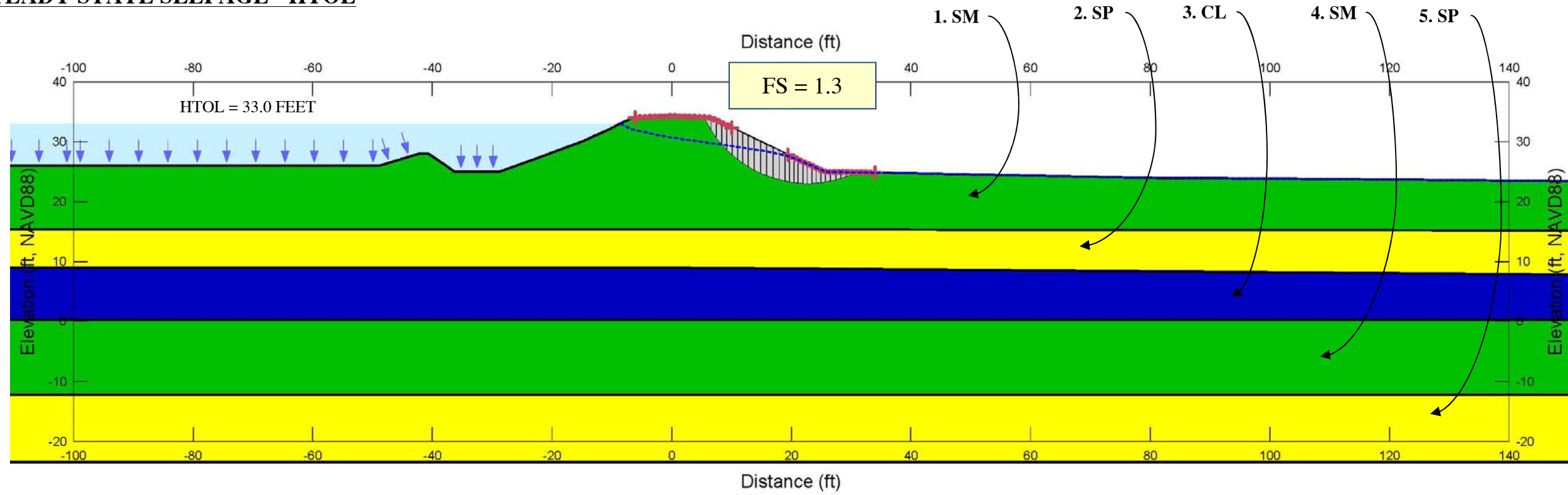
LANDSIDE STEADY STATE SEEPAGE - 200 YEAR



 <p>Expect Excellence</p>	STATIC SLOPE STABILITY ANALYSIS REACH S1 - STA 965+00 RECLAMATION DISTRICT NO. 17 SAN JOAQUIN COUNTY, CALIFORNIA		PROJECT NO.: 5747.005.000	FIGURE NO. E-72-D
			SCALE: NO SCALE	
			DRAWN BY: AL CHECKED BY: NS	

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

LANDSIDE STEADY STATE SEEPAGE - HTOL



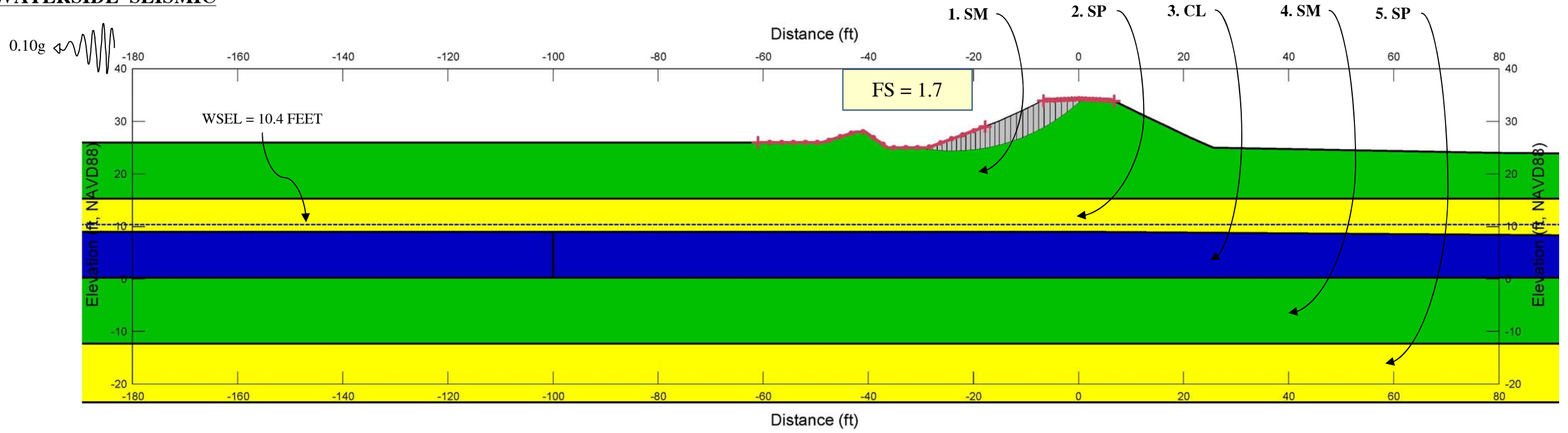
STATIC SLOPE STABILITY ANALYSIS
 REACH S1 - STA 965+00
 RECLAMATION DISTRICT NO. 17
 SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000	
SCALE: NO SCALE	
DRAWN BY: AL	CHECKED BY: NS

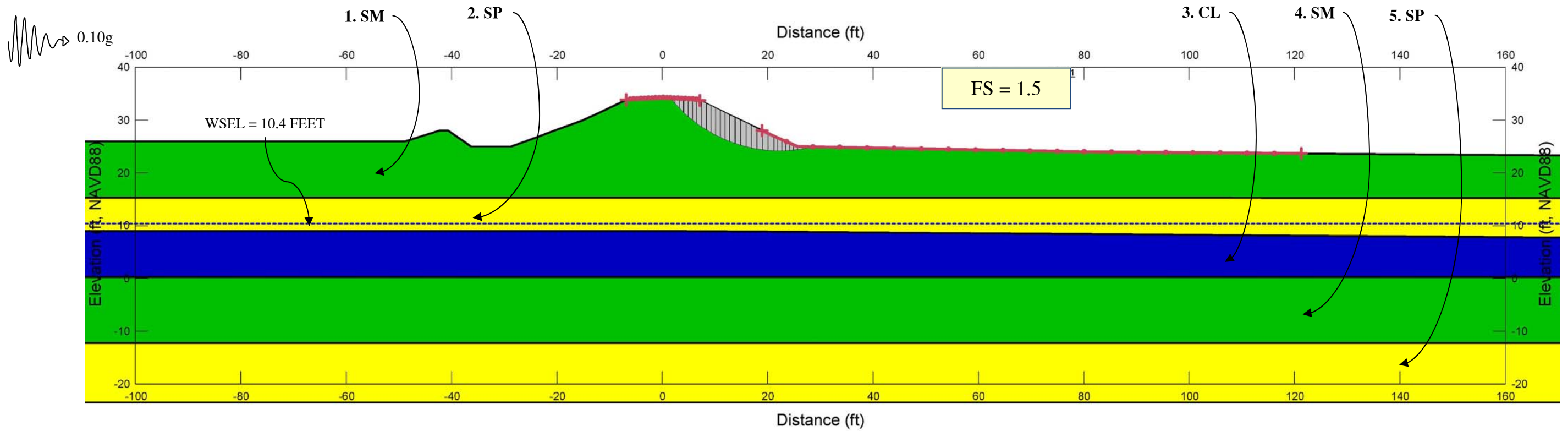
FIGURE NO.
E-72-E

COPYRIGHT © 2014 BY ENGEO INCORPORATED. THIS DOCUMENT MAY NOT BE REPRODUCED IN WHOLE OR IN PART BY ANY MEANS WHATSOEVER, NOR MAY IT BE QUOTED OR EXCERPTED WITHOUT THE EXPRESS WRITTEN CONSENT OF ENGEO INCORPORATED.

WATERSIDE SEISMIC



LANDSIDE SEISMIC



SEISMIC SLOPE STABILITY ANALYSIS
REACH S1 - STA 965+00
RECLAMATION DISTRICT NO. 17
SAN JOAQUIN COUNTY, CALIFORNIA

PROJECT NO.: 5747.005.000
SCALE: NO SCALE
DRAWN BY: ZR
CHECKED BY: NS

FIGURE NO.
E-72-F