

SCALE: 1"=200'

SECTION LOCATIONS

SCALE: 1"=200'-0"

FIGURE 2

Honeywell ONONDAGA LAKE
SYRACUSE, NEW YORK

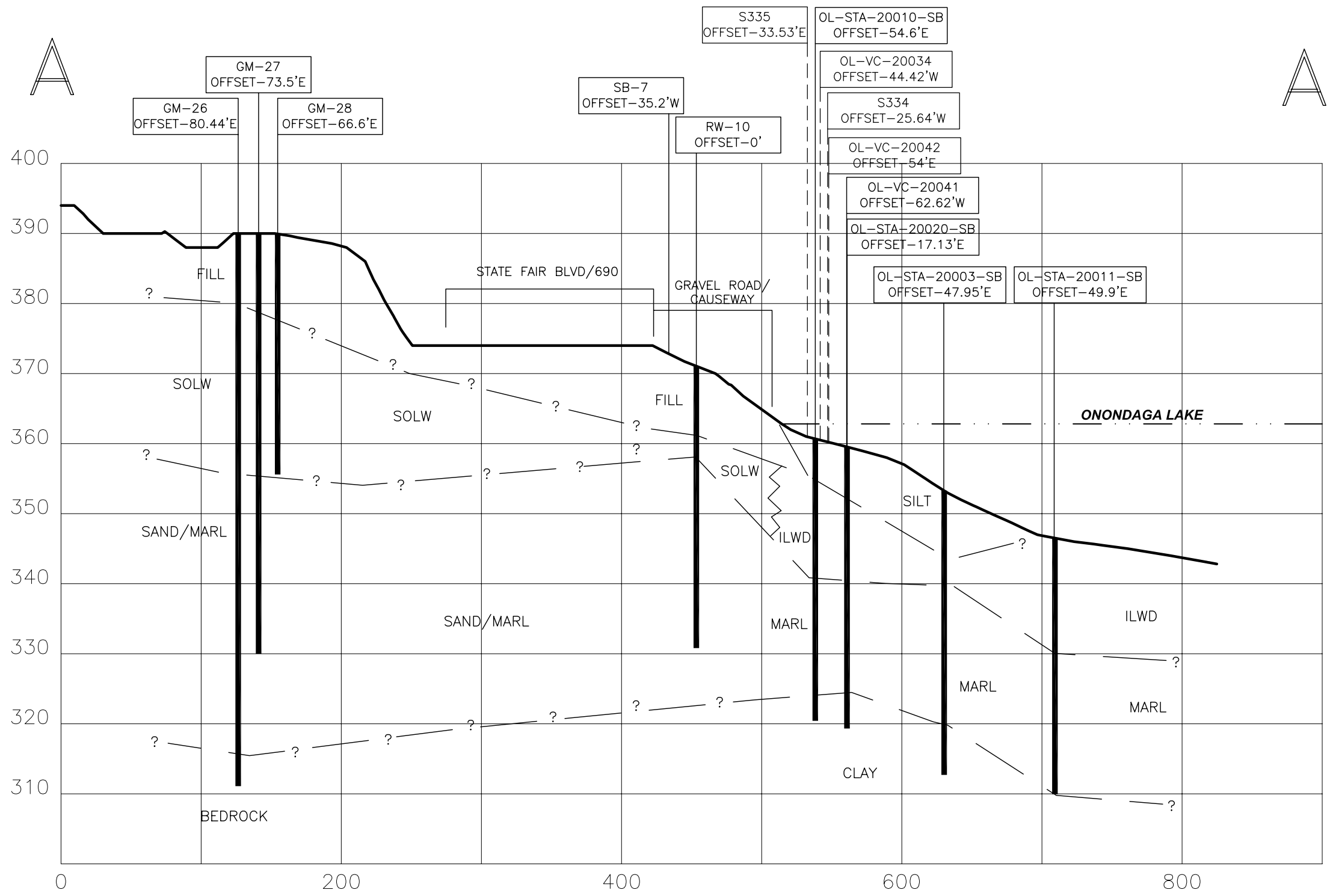
ONONDAGA LAKE PDI
SYRACUSE, NEW YORK

SECTION LOCATIONS

PARSONS

290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

THIS DRAWING TO BE PLOTTED AT 11x17.
ANY OTHER SIZE VOIDS THE SCALE.



SOLW - SOLVAY WASTE
 ILWD - IN-LAKE WASTE DEPOSIT

A-A'
 Vertical: 1"=20'-0"
 Horizontal: 1"=100'-0"

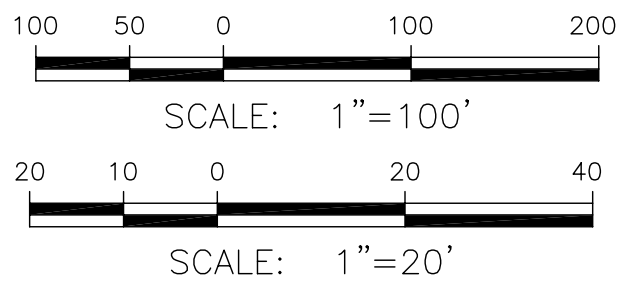


FIGURE 3

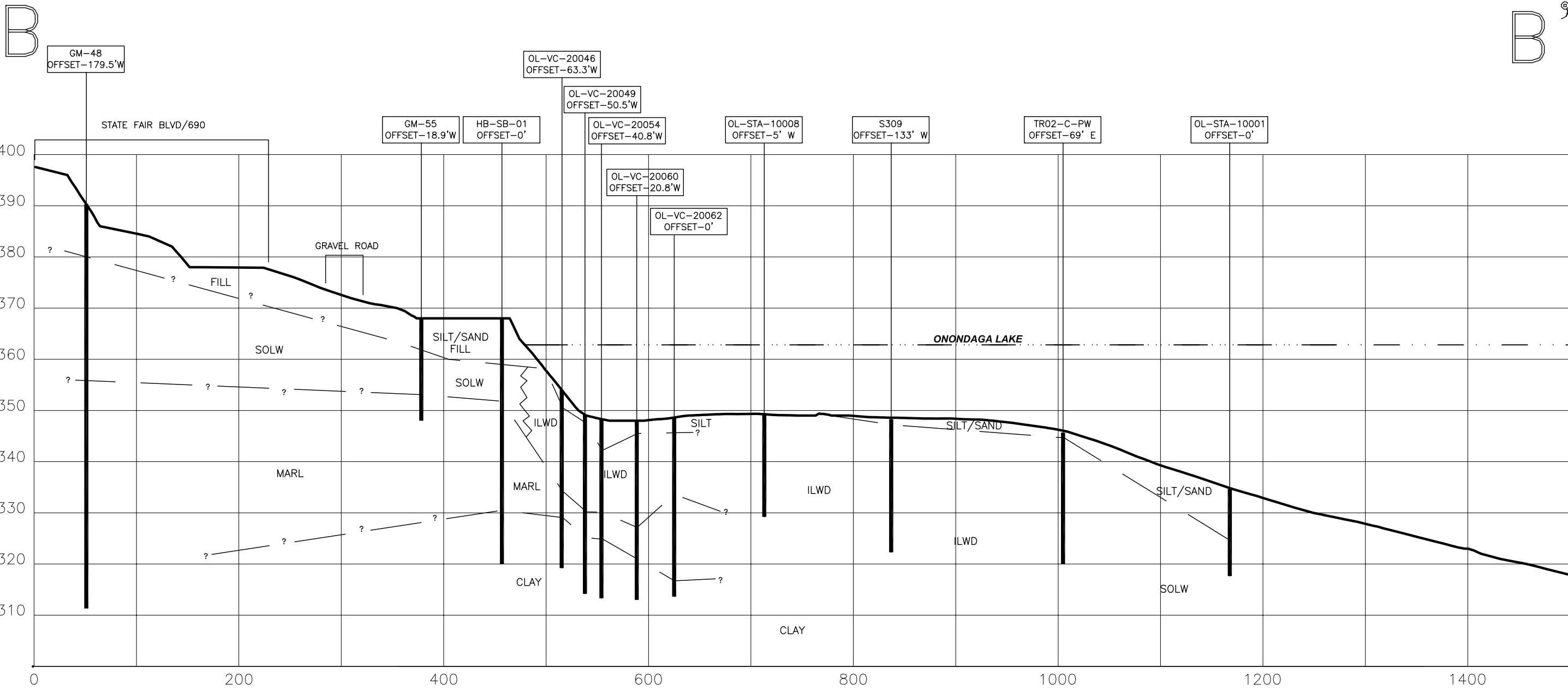
Honeywell ONONDAGA LAKE
 SYRACUSE, NEW YORK

ONONDAGA LAKE PDI
 SYRACUSE, NEW YORK

CROSS SECTION A-A'

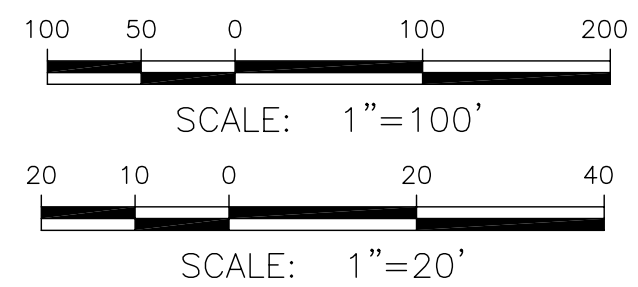
PARSONS
 290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

THIS DRAWING TO BE PLOTTED AT 11x17.
 ANY OTHER SIZE VOIDS THE SCALE.



B-B'
 Vertical: 1"=20'-0"
 Horizontal: 1"=100'-0"

SOLW - SOLVAY WASTE
 ILWD - IN-LAKE WASTE DEPOSIT



THIS DRAWING TO BE PLOTTED AT 11x17.
 ANY OTHER SIZE VOIDS THE SCALE.

FIGURE 4

Honeywell ONONDAGA LAKE
 SYRACUSE, NEW YORK

ONONDAGA LAKE PDI
 SYRACUSE, NEW YORK

CROSS SECTION B-B'

PARSONS
 290 ELWOOD DAVIS ROAD, SUITE 312, LIVERPOOL, N.Y. 13088, PHONE: 315-451-9560

SUMMARY OF GLOBAL SLOPE STABILITY ANALYSIS

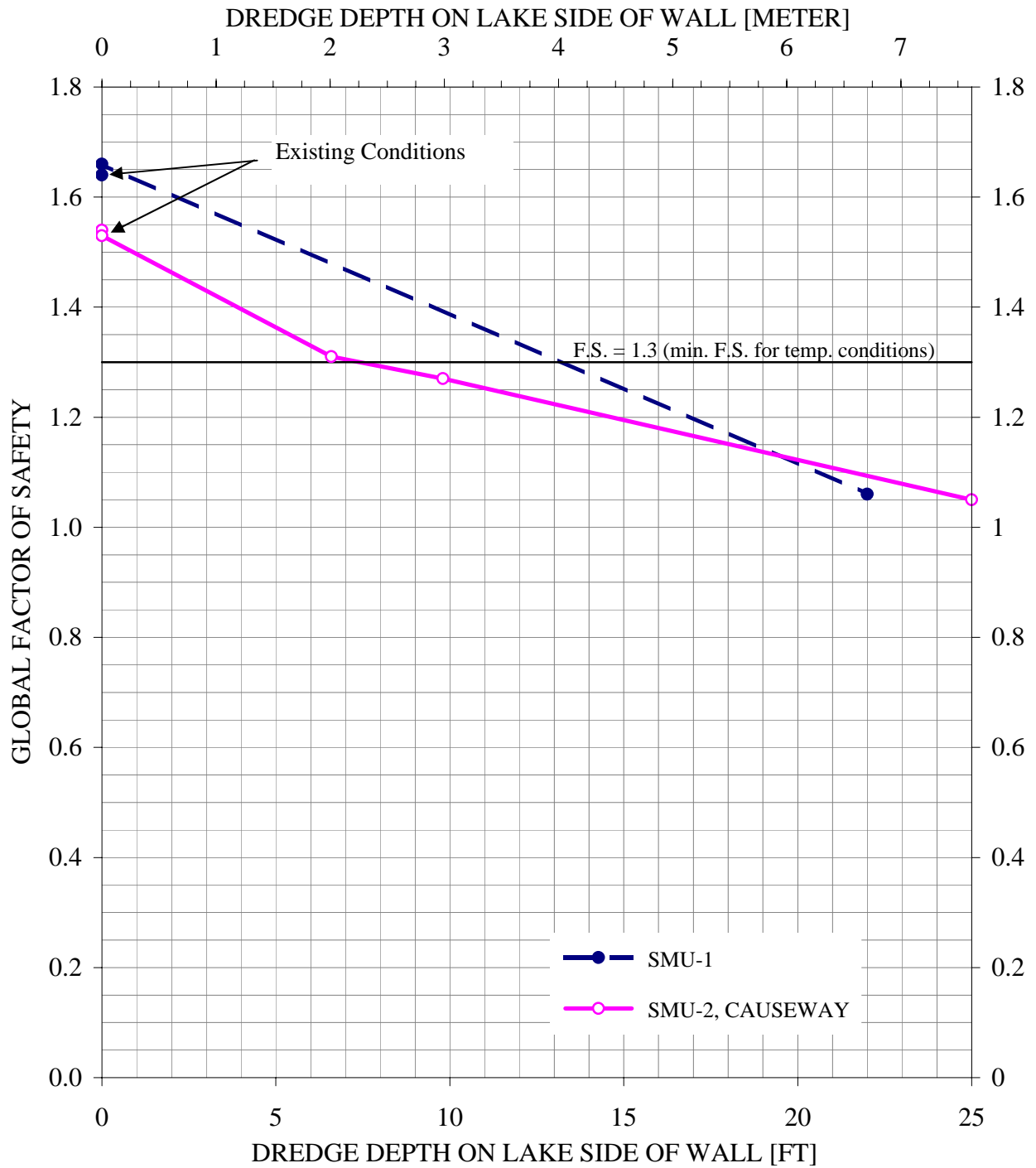
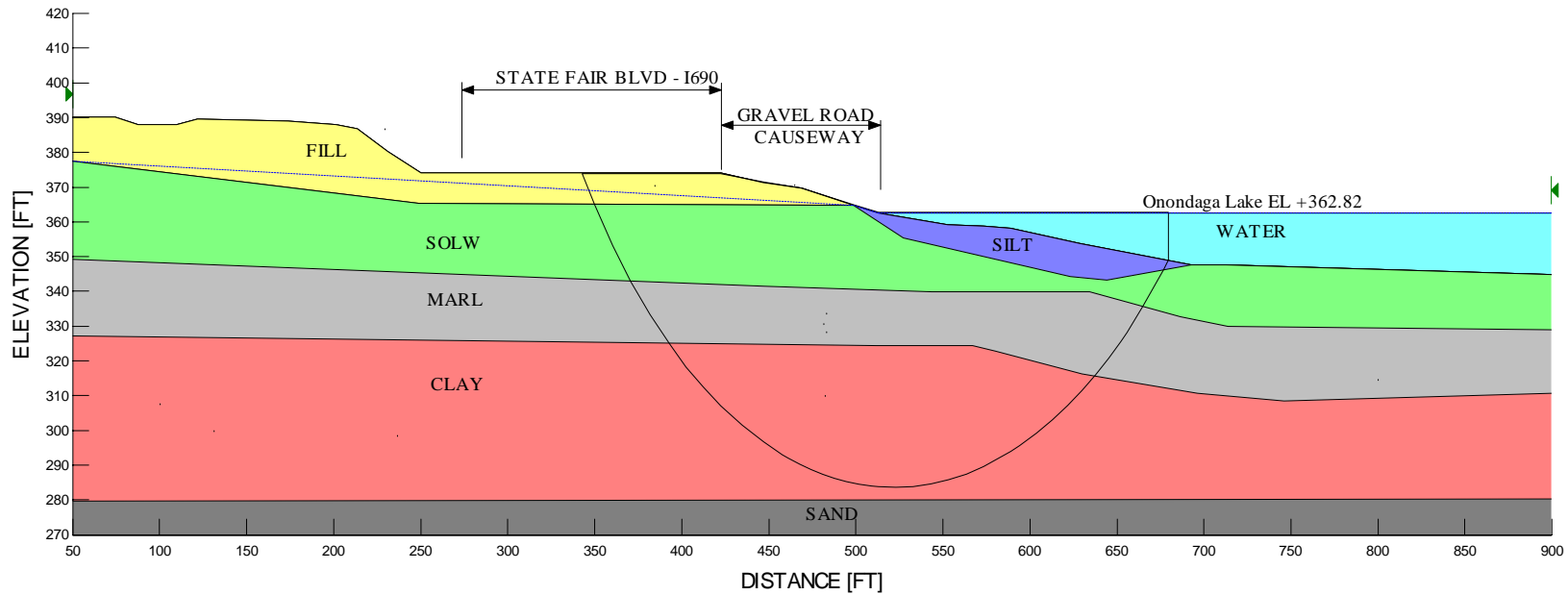
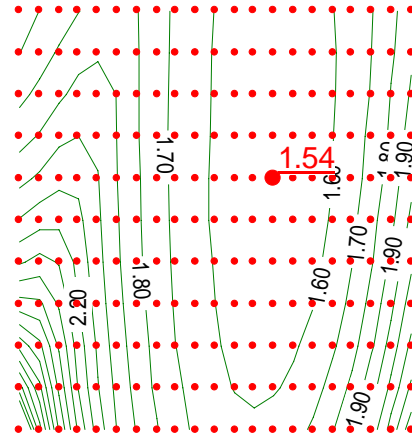


FIGURE 5

APPENDIX A

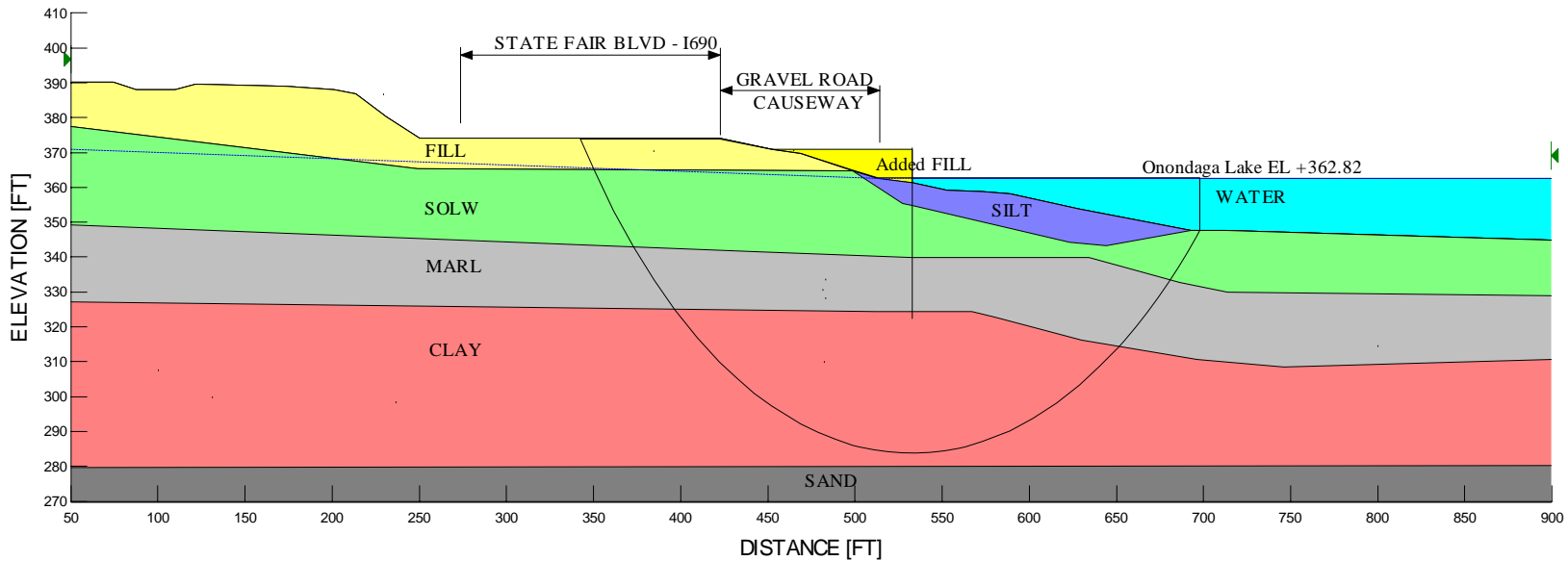
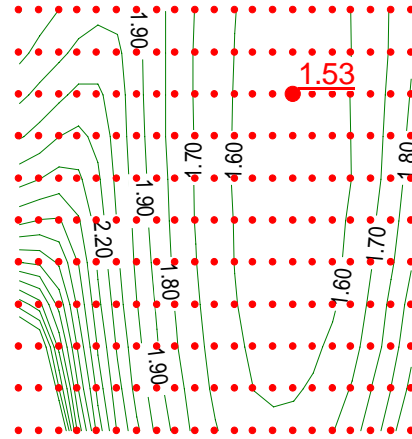
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 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
MUESER RUTLEDGE CONSULTING ENGINEERS			
225 WEST 34 TH STREET, NEW YORK NY 10122			
SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
CAUSEWAY EXISTING CONDITIONS			CASE A-1

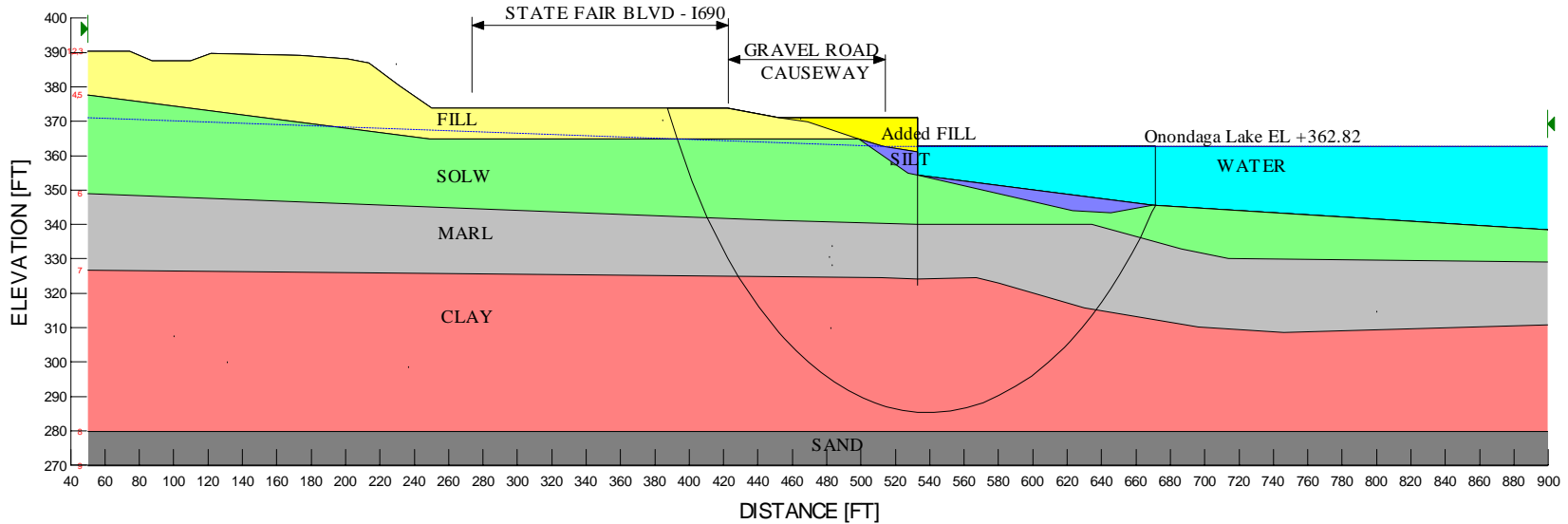
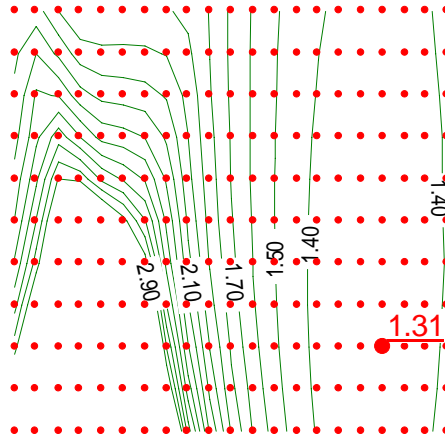
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
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SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
CAUSEWAY			CASE
FILL TO EL. +371			A-2

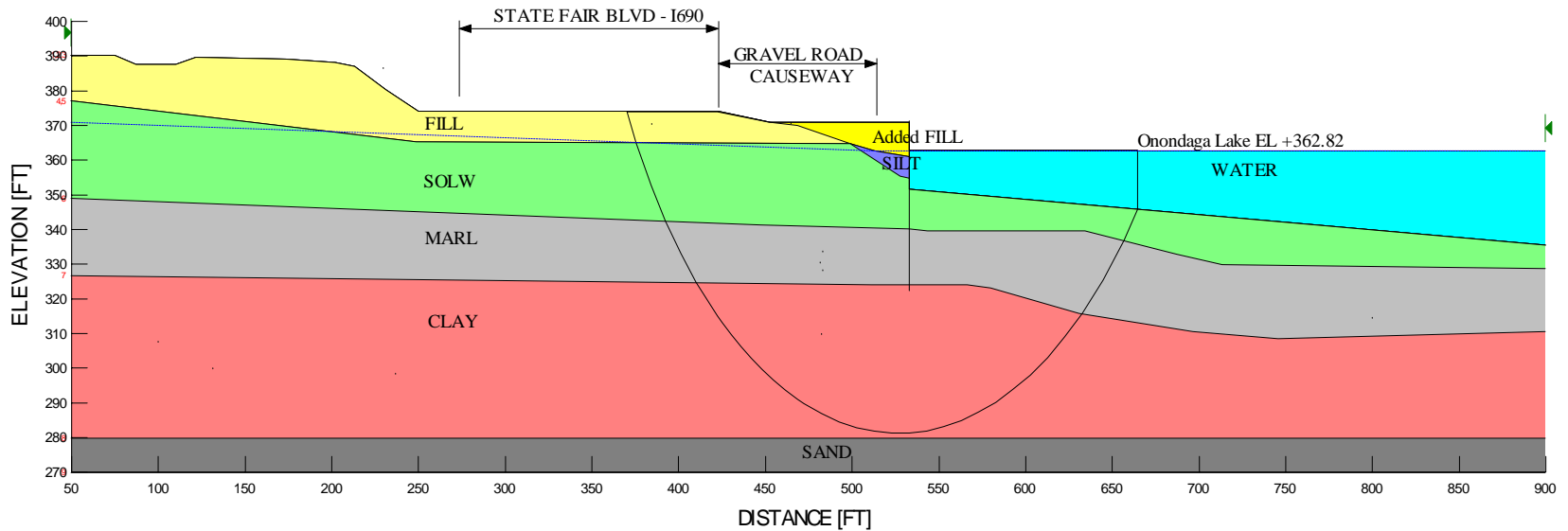
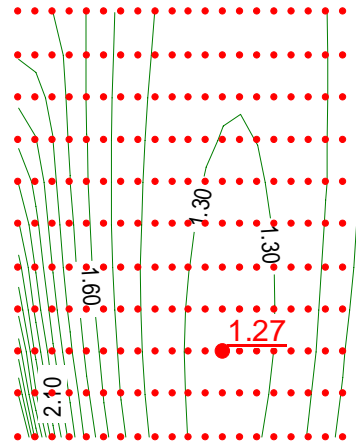
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
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SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
CAUSEWAY DREDGE 2 METERS			CASE A-3

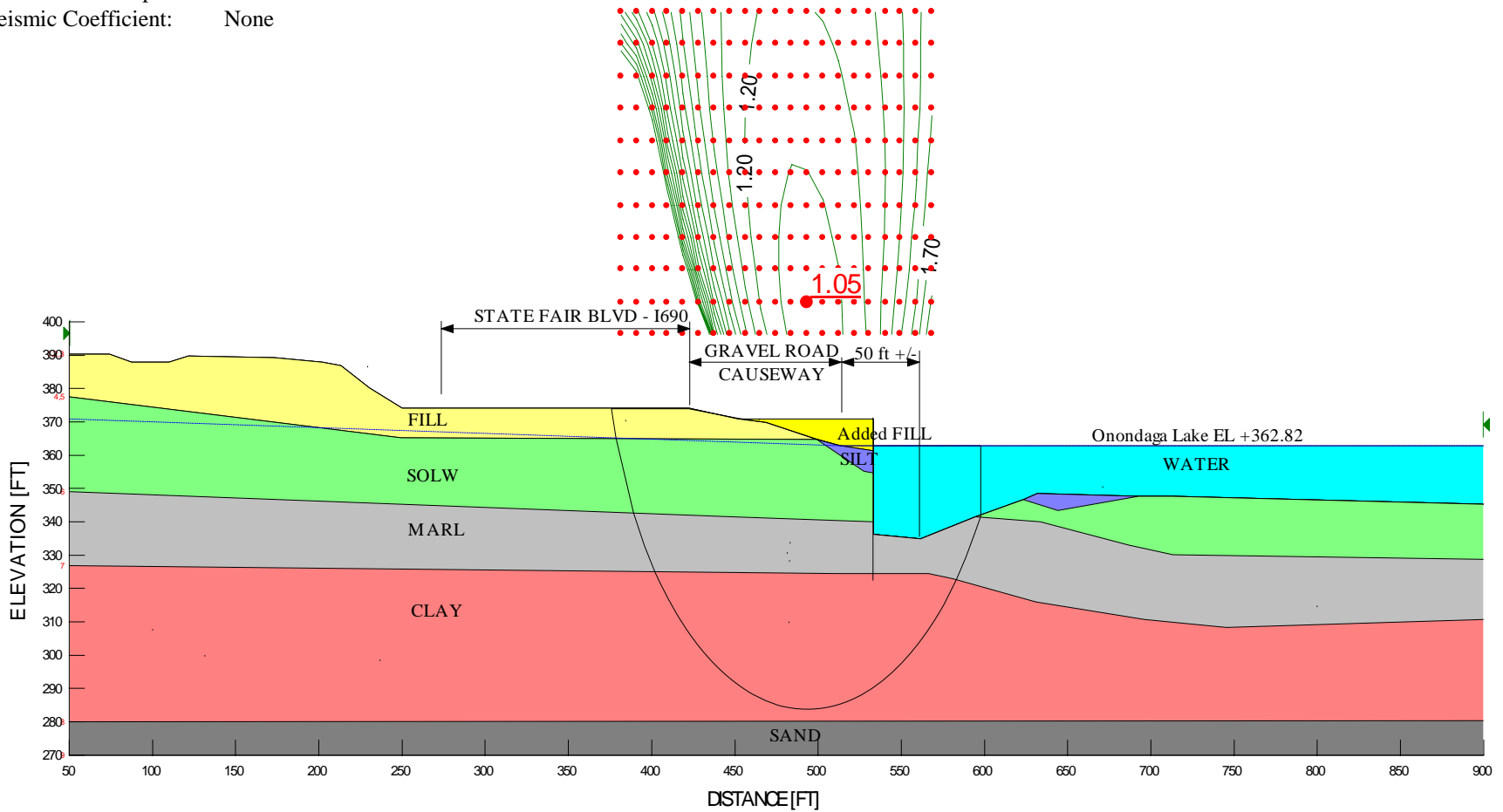
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
MUESER RUTLEDGE CONSULTING ENGINEERS			
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SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
CAUSEWAY DREDGE 3 METERS			CASE A-4

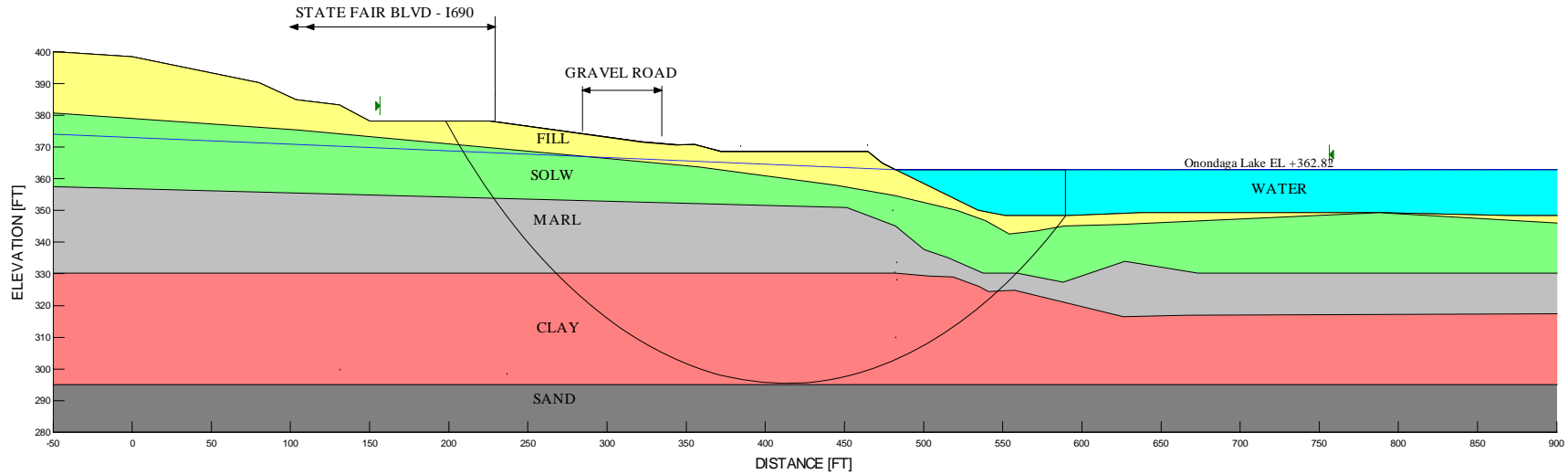
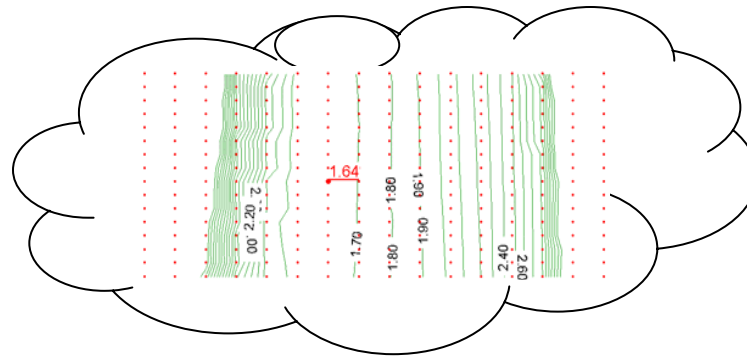
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
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SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
CAUSEWAY DREDGE 7.5 METERS			CASE A-5

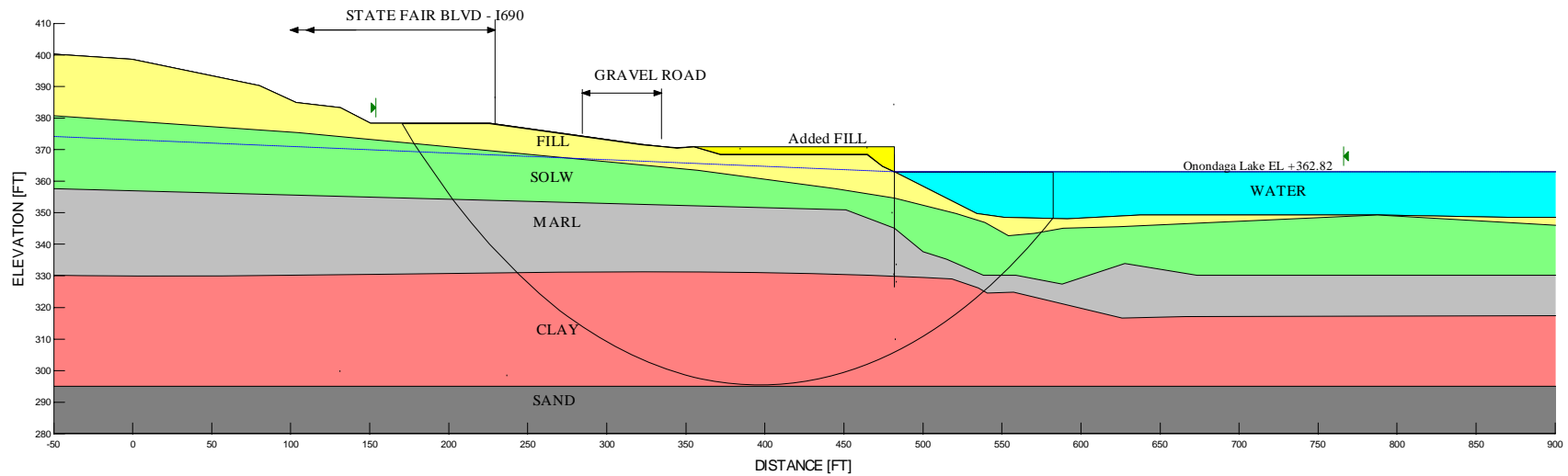
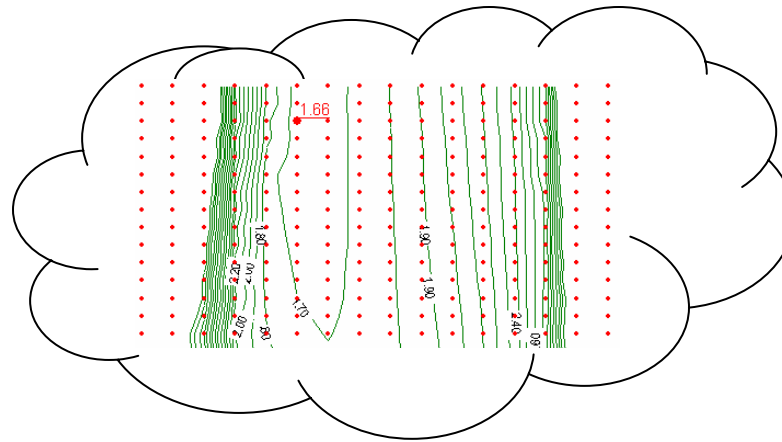
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
MUESER RUTLEDGE CONSULTING ENGINEERS			
225 WEST 34 TH STREET, NEW YORK NY 10122			
SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
SMU-1			CASE
EXISTING CONDITIONS			B-1

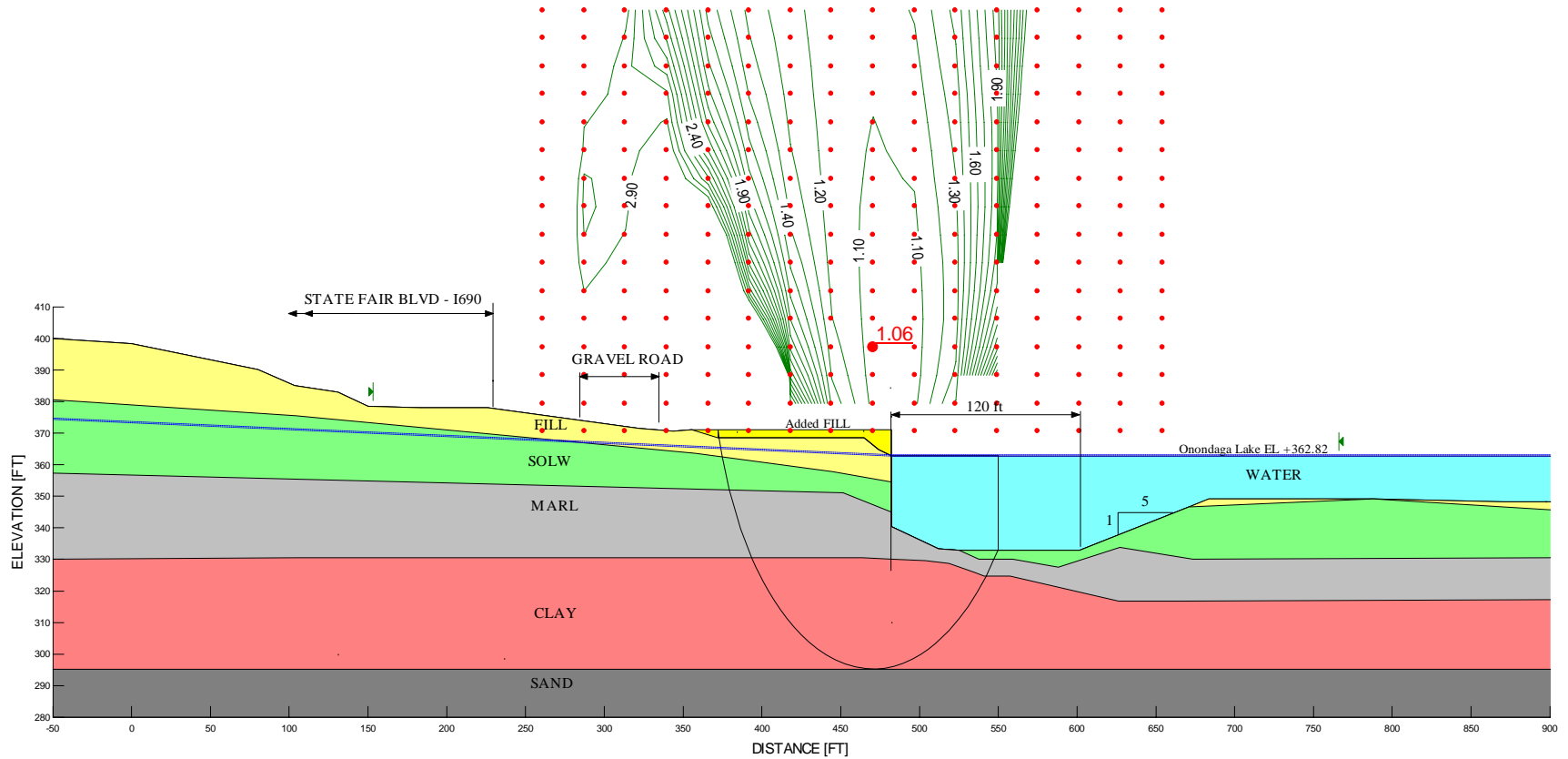
Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
MUESER RUTLEDGE CONSULTING ENGINEERS			
225 WEST 34 TH STREET, NEW YORK NY 10122			
SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
SMU-1			CASE
FILL TO EL. +371			B-2

Analysis Method: Bishop
 Slip Surface Option: Grid and Radius
 Tension Crack Option: None
 Seismic Coefficient: None



Soil	Soil Type	Soil Model	Unit Weight [pcf]	Cohesion [psf]	Friction Angle [deg]
1	WATER	No strength	62.4		
2	Added FILL	Mohr-Coulomb	105	0	29
3	FILL	Mohr-Coulomb	105	200	20
4	SILT	Mohr-Coulomb	105	200	20
5	SOLW	Mohr-Coulomb	110	100	25
6	MARL	Undrained	105	450	0
7	CLAY	Undrained	117	400	0
8	SAND	Mohr-Coulomb	120	0	34

WILLIS / SEMET SITE			
SYRACUSE		NY	
MUESER RUTLEDGE CONSULTING ENGINEERS			
225 WEST 34 TH STREET, NEW YORK NY 10122			
SCALE	MADE BY: NMA	DATE: 08-08-06	FILE No.
N/A	CH'KD BY: DRG	DATE: 08-08-06	9801
SMU-1			CASE
DREDGE 6.7 METERS			B-3