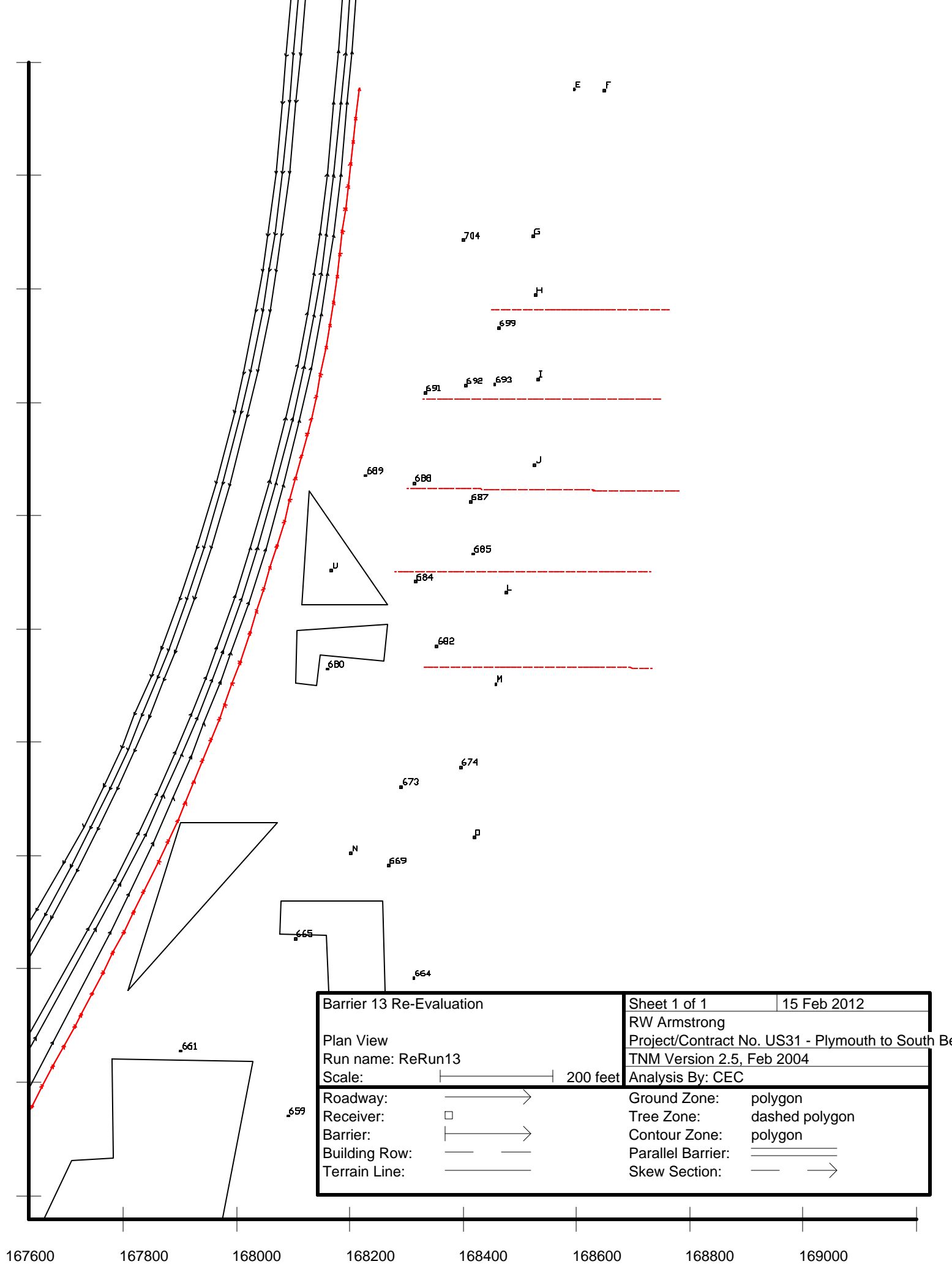


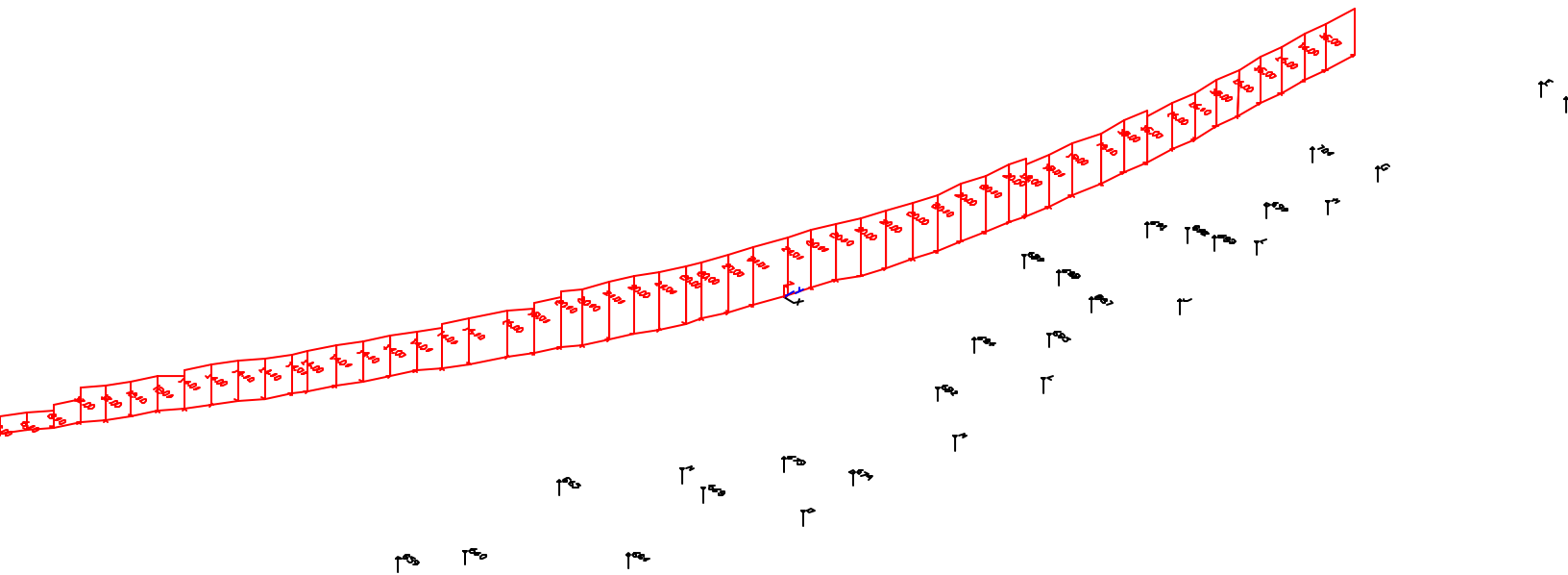
Appendix C

TNM Files

Appendix C.1

Barrier 13





Barrier 13 Re-Evaluation		Sheet 1 of 1	13 Feb 2012
Barrier View-25@\$1075045		RW Armstrong	
Run name: ReRun13		Project/Contract No. US31 - Plymouth to South Be	
Scale: <DNA - due to perspective>		TNM Version 2.5, Feb 2004	
		Analysis By: CEC	
Roadway:	—————>	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	┆—————>	Contour Zone:	polygon
Building Row:	—— ———	Parallel Barrier:	=====
Terrain Line:	—————	Skew Section:	—— ———>

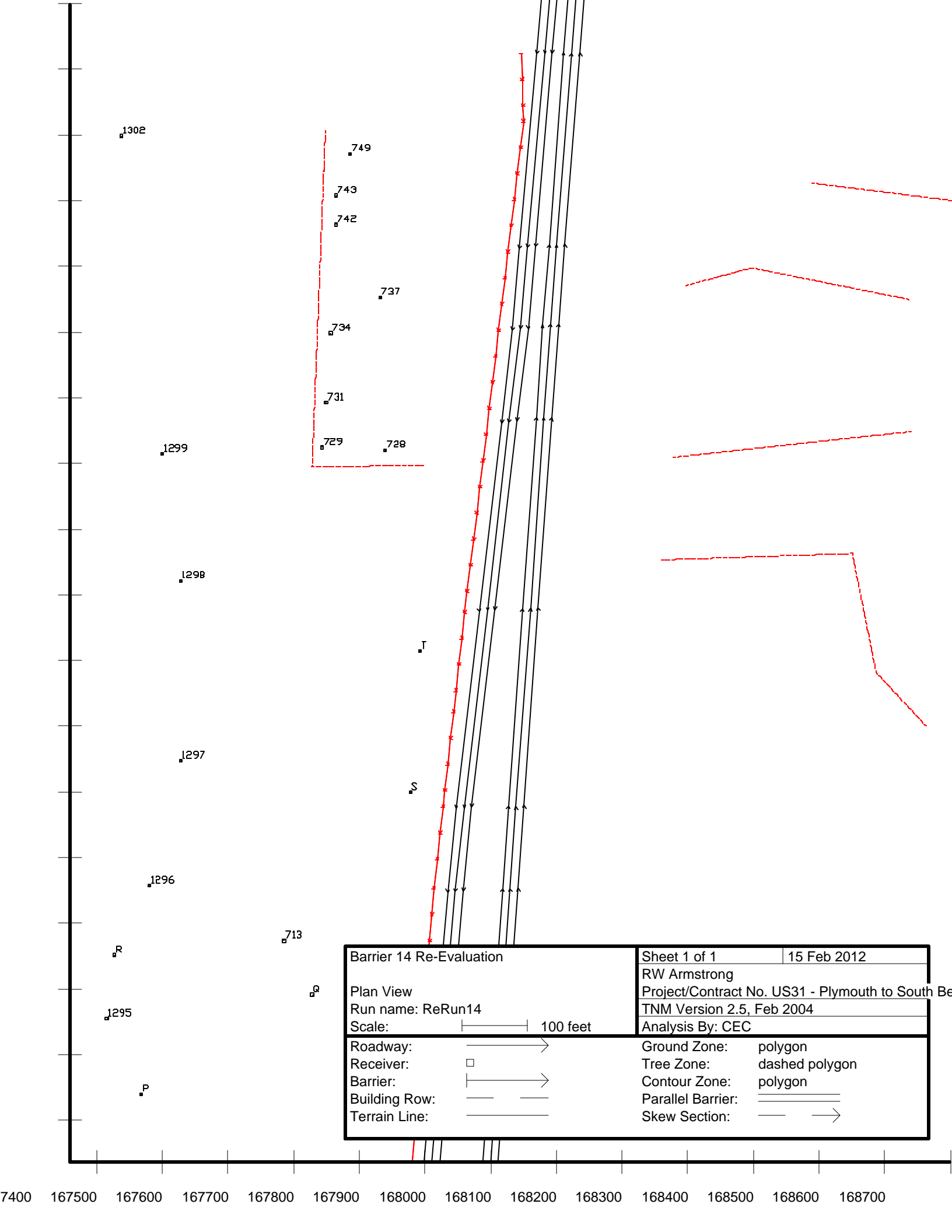
RESULTS: SOUND LEVELS

US31 - Plymouth to South Bend

	1465	1	0.0	61.1	66	61.1	15	---	56.1	5.0	5	0.0
H												
G	1464	1	0.0	62.0	66	62.0	15	---	57.6	4.4	5	-0.6
704	1219	1	61.7	65.5	66	3.8	15	---	59.3	6.2	5	1.2
F	1462	1	0.0	59.9	66	59.9	15	---	58.1	1.8	5	-3.2
E	1460	1	0.0	61.0	66	61.0	15	---	59.2	1.8	5	-3.2
Dwelling Units		# DUs	Noise Reduction									
			Min	Avg	Max							
			dB	dB	dB							
All Selected		28	1.8	6.3	10.6							
All Impacted		2	8.2	9.4	10.6							
All that meet NR Goal		25	5.0	6.8	10.6							

Appendix C.2

Barrier 14



1302

749

743

742

737

734

731

729

728

1299

1298

J

1297

S

1296






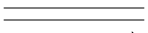


713

R

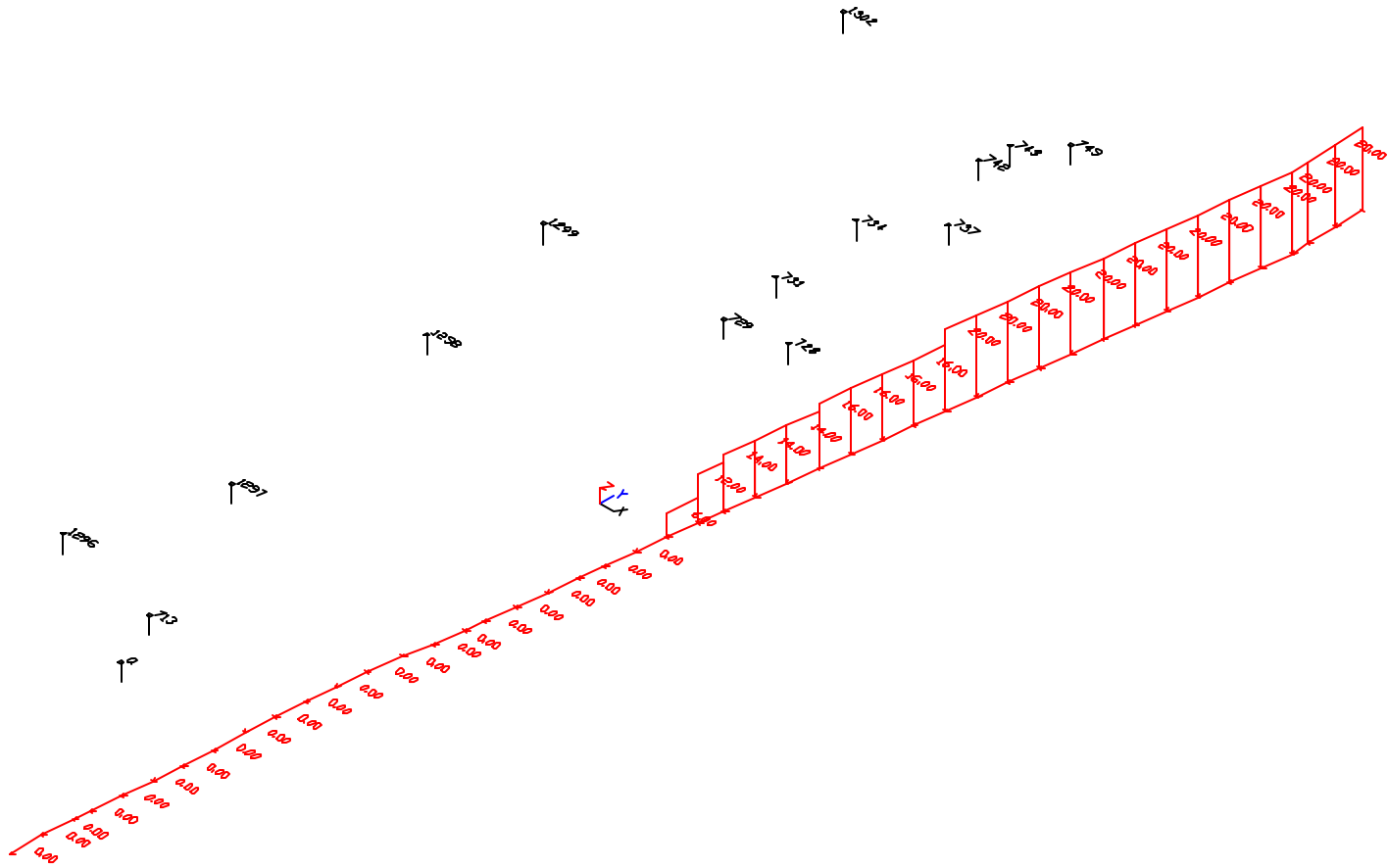
R

1295

P

Barrier 14 Re-Evaluation		Sheet 1 of 1	15 Feb 2012
Plan View		RW Armstrong	
Run name: ReRun14		Project/Contract No. US31 - Plymouth to South Be	
Scale:  100 feet		TNM Version 2.5, Feb 2004	
Analysis By: CEC			
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	

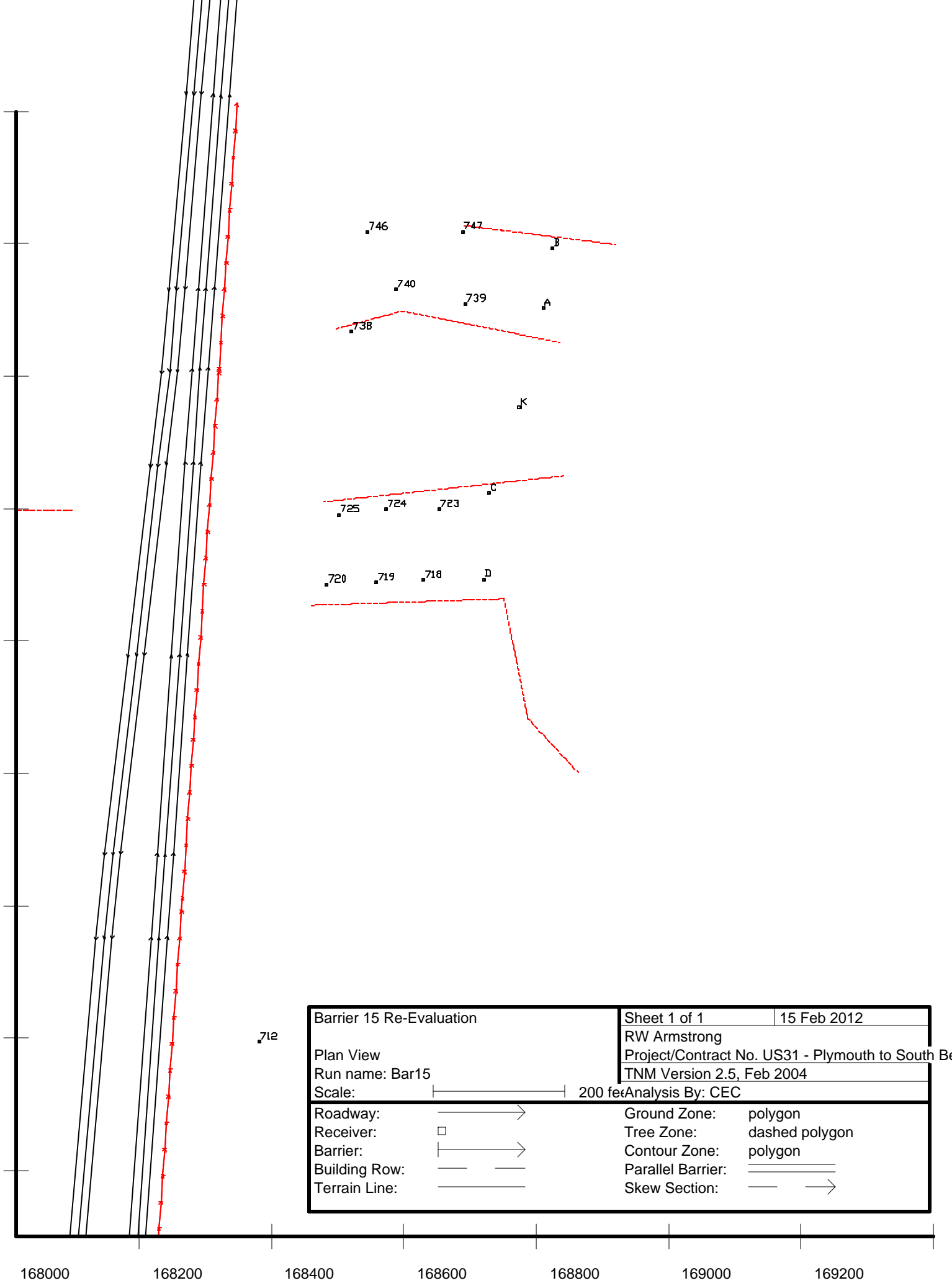
7400 167500 167600 167700 167800 167900 168000 168100 168200 168300 168400 168500 168600 168700











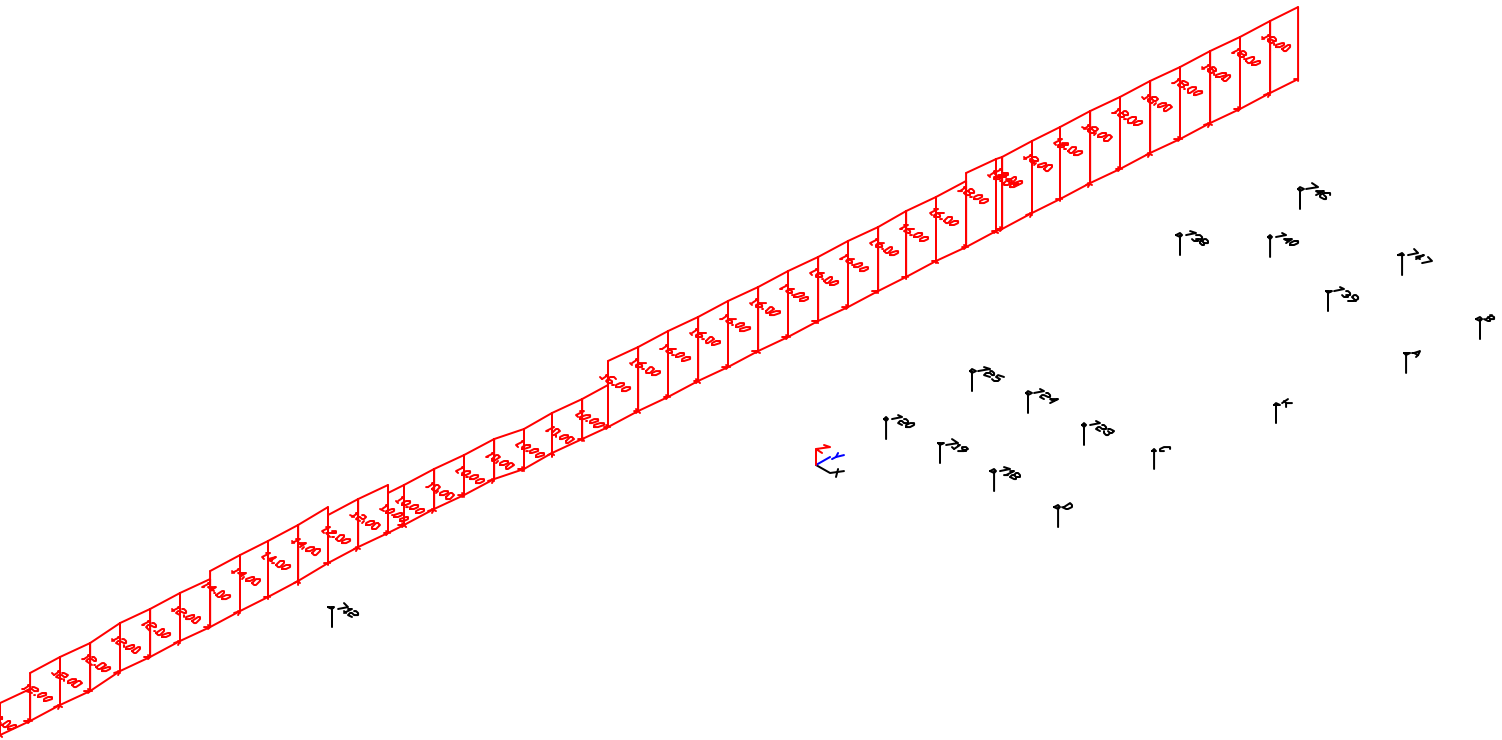
Barrier 14 Re-Evaluation		Sheet 1 of 1	14 Feb 2012
Barrier View-8@\$465968		RW Armstrong	
Run name: ReRun14		Project/Contract No. US31 - Plymouth to South Be	
Scale: <DNA - due to perspective>		TNM Version 2.5, Feb 2004	
		Analysis By: CEC	
Roadway:	—————>	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	—————>	Contour Zone:	polygon
Building Row:	—— ———	Parallel Barrier:	=====
Terrain Line:	—————	Skew Section:	—— ———>

Appendix C.3

Barrier 15



Barrier 15 Re-Evaluation		Sheet 1 of 1	15 Feb 2012
Plan View		RW Armstrong	
Run name: Bar15		Project/Contract No. US31 - Plymouth to South Be...	
Scale: 		TNM Version 2.5, Feb 2004	
Analysis By: CEC			
Roadway:		Ground Zone:	polygon
Receiver:		Tree Zone:	dashed polygon
Barrier:		Contour Zone:	polygon
Building Row:		Parallel Barrier:	
Terrain Line:		Skew Section:	



Barrier 15 Re-Evaluation		Sheet 1 of 1	14 Feb 2012
Barrier View-10@751970		RW Armstrong	
Run name: Bar15		Project/Contract No. US31 - Plymouth to South Be	
Scale: <DNA - due to perspective>		TNM Version 2.5, Feb 2004	
Analysis By: CEC			
Roadway:	—————>	Ground Zone:	polygon
Receiver:	□	Tree Zone:	dashed polygon
Barrier:	┆—————>	Contour Zone:	polygon
Building Row:	—— ———	Parallel Barrier:	=====
Terrain Line:	—————	Skew Section:	—— ———>

