POST SCHEDULE SOUND BARRIER 4

POST NO.	TOP OF PANEL	TOP OF CAISSON	ACTUAL HEIGHT (FT)	DESIGN HEIGHT POST (FT)	DESIGN HEIGHT FND. (FT)	CAISSON DEPTH (FT)	CAISSON DIAM. (FT)	BOTTOM CAISSON	BEAM SIZE	BEAM LENGTH	BOLT DIAM. (IN)	BOLT EMBED. (FT)	L.F. FLASHING PER TYPE EP	LP	SP	CP	COMMENT
124	898.33	880.30	18.03	18.00					W 8X31	18.03	1.50	0.50		18.03			B2
125	898.33	880.08	18.25	18.00					W 8X31	18.25	1.50	0.50			18.25		B2
126	897.00	879.86	17.14	18.00					W 8X31	17.14	1.50	0.50		17.14			B2
127	897.00	879.62	17.38	18.00					W 8X31	17.38	1.50	0.50			17.38		B2
128	897.00	879.38	17.62	18.00					W 8X31	17.62	1.50	0.50		17.62			B2
129	897.00	879.14	17.86	18.00					W 8X31	17.86	1.50	0.50			17.86		B2
130	897.00	878.90	18.10	18.00					W 8X31	18.10	1.50	0.50		18.10			B2
131	895.67	878.65	17.02	18.00					W 8X31	17.02	1.50	0.50			17.02		B2
132	895.67	878.40	17.27	18.00					W 8X31	17.27	1.50	0.50		17.27			B2
133	895.67	878.15	17.52	18.00					W 8X31	17.52	1.50	0.50			17.52		B2
134	895.67	877.90	17.77	18.00					W 8X31	17.77	1.50	0.50		17.77			B2
135	895.67	877.65	18.02	18.00					W 8X31	18.02	1.50	0.50			18.02		B2
136	895.67	877.39	18.28	18.00					W 8X31	18.28	1.50	0.50		18.28			B2
137	894.33	877.12	17.21	18.00					W 8X31	17.21	1.50	0.50			17.21		B2
138	894.33	876.84	17.49	18.00					W 8X31	17.49	1.50	0.50		17.49			B2
139	894.33	876.56	17.77	18.00					W 8X31	17.77	1.50	0.50			17.77		B2
140	894.33	876.29	18.04	18.00					W 8X31	18.04	1.50	0.50		18.04			B2
141	894.33	876.03	18.30	18.00					W 8X31	18.30	1.50	0.50			18.30		B2
142	893.00	875.79	17.21	18.00					W 8X31	17.21	1.50	0.50		17.21			B2
143	893.00	875.55	17.45	18.00					W 8X31	17.45	1.50	0.50			17.45		B2
144	893.00	875.31	17.69	18.00					W 8X31	17.69	1.50	0.50		17.69			B2
145	893.00	875.07	17.93	18.00					W 8X31	17.93	1.50	0.50			17.93		B2
146	894.33	873.02	21.31	22.00	22.00	10.00	2.50	863.02	W 14X34	31.31	NA	NA		21.31			
147	894.33	872.79	21.54	22.00	22.00	10.00	2.50	862.79	W 14X34	31.54	NA	NA			21.54		
148	895.67	872.57	23.10	24.00	24.00	10.50	2.50	862.07	W 14X38	33.60	NA	NA		23.10			
149	895.67	872.35	23.32	24.00	24.00	10.50	2.50	861.85	W 14X38	33.82	NA	NA			23.32		
150	897.00	872.13	24.87	26.00	26.00	11.25	2.50	860.88	W 14X43	36.12	NA	NA		24.87			
151	897.00	871.90	25.10	26.00	26.00	11.25	2.50	860.65	W 14X43	36.35	NA	NA			25.10		
152	898.33	871.66	26.67	28.00	28.00	12.00	2.50	859.66	W 14X53	38.67	NA	NA		26.67			
153	898.33	871.42	26.91	28.00	28.00	12.00	2.50	859.42	W 14X53	38.91	NA	NA			26.91		
154	898.33	871.18	27.15	28.00	28.00	12.00	2.50	859.18	W 14X53	39.15	NA	NA		27.15			
155	898.33	870.94	27.39	28.00	28.00	12.00	2.50	858.94	W 14X53	39.39	NA	NA			27.39		
156	898.33	870.71	27.62	28.00	28.00	12.00	2.50	858.71	W 14X53	39.62	NA	NA		27.62			
157	898.33	870.49	27.84	28.00	28.00	12.00	2.50	858.49	W 14X53	39.84	NA	NA			27.84		
158	897.00	870.27	26.73	28.00	28.00	12.00	2.50	858.27	W 14X53	38.73	NA	NA		26.73			
159	897.00	870.05	26.95	28.00	28.00	12.00	2.50	858.05	W 14X53	38.95	NA	NA			26.95		
160	897.00	869.82	27.18	28.00	28.00	12.00	2.50	857.82	W 14X53	39.18	NA	NA		27.18			
161	897.00	869.59	27.41	28.00	28.00	12.00	2.50	857.59	W 14X53	39.41	NA	NA			27.41		
162	897.00	869.35	27.65	28.00	28.00	12.00	2.50	857.35	W 14X53	39.65	NA	NA		27.65			
163	895.67	869.11	26.56	28.00	28.00	12.00	2.50	857.11	W 14X53	38.56	NA	NA			26.56		
164	895.67	868.87	26.80	28.00	28.00	12.00	2.50	856.87	W 14X53	38.80	NA	NA		26.80			
165	895.67	868.63	27.04	28.00	28.00	12.00	2.50	856.63	W 14X53	39.04	NA	NA			27.04		
166	897.00	868.40	28.60	30.00	30.00	12.50	2.50	855.90	W 14X61	41.10	NA	NA		28.60			
167	897.00	868.18	28.82	30.00	30.00	12.50	2.50	855.68	W 14X61	41.32	NA	NA			28.82		
168	897.00	867.96	29.04	30.00	30.00	12.50	2.50	855.46	W 14X61	41.54	NA	NA		29.04			
169	897.00	867.73	29.27	30.00	30.00	12.50	2.50	855.23	W 14X61	41.77	NA	NA			29.27		
170	897.00	867.51	29.49	30.00	30.00	12.50	2.50	855.01	W 14X61	41.99	NA	NA		29.49			
171	897.00	867.28	29.72	30.00	30.00	12.50	2.50	854.78	W 14X61	42.22	NA	NA			29.72		
172	897.00	867.05	29.95	30.00	30.00	12.50	2.50	854.55	W 14X61	42.45	NA	NA		29.95			
173	895.67	866.82	28.85	30.00	30.00	12.50	2.50	854.32	W 14X61	41.35	NA	NA			28.85		
174	895.67	866.59	29.08	30.00	30.00	12.50	2.50	854.09	W 14X61	41.58	NA	NA		29.08			
175	895.67	866.35	29.32	30.00	30.00	12.50	2.50	853.85	W 14X61	41.82	NA	NA			29.32		
176	895.67	866.11	29.56	30.00	30.00	12.50	2.50	853.61	W 14X61	42.06	NA	NA		29.56			
177	895.67	865.85	29.82	30.00	30.00	12.50	2.50	853.35	W 14X61	42.32	NA	NA			29.82		
178	894.33	865.59	28.74	30.00	30.00	12.50	2.50	853.09	W 14X61	41.24	NA	NA		28.74			
179	894.33	865.33	29.00	30.00	30.00	12.50	2.50	852.83	W 14X61	41.50	NA	NA			29.00		
180	894.33	865.07	29.26	30.00	30.00	12.50	2.50	852.57	W 14X61	41.76	NA	NA		29.26			
181	894.33	864.81	29.52	30.00	30.00	12.50	2.50	852.31	W 14X61	42.02	NA	NA			29.52		
182	894.33	864.57	29.76	30.00	30.00	12.50	2.50	852.07	W 14X61	42.26	NA	NA		29.76			
183	893.00	864.32	28.68	30.00	30.00	12.50	2.50	851.82	W 14X61	41.18	NA	NA			28.68		
184	893.00	864.07	28.93	30.00	30.00	12.50	2.50	851.57	W 14X61	41.43	NA	NA		28.93			
185	893.00	863.82	29.18	30.00	30.00	12.50	2.50	851.32	W 14X61	41.68	NA	NA			29.18		
186	893.00	863.58	29.42	30.00	30.00	12.50	2.50	851.08	W 14X61	41.92	NA	NA		29.42			
187	893.00	863.34	29.66	30.00	30.00	12.50	2.50	850.84	W 14X61	42.16	NA	NA			29.66		
188	891.67	863.11	28.56	30.00	30.00	12.50	2.50	850.61	W 14X61	41.06	NA	NA		28.56			
189	891.67	862.87	28.80	30.00	30.00	12.50	2.50	850.37	W 14X61	41.30	NA	NA			28.80		
190	891.67	862.64	29.03	30.00	30.00	12.50	2.50	850.14	W 14X61	41.53	NA	NA		29.03			
191	891.67	862.40	29.27	30.00	30.00	12.50	2.50	849.90	W 14X61	41.77	NA	NA			29.27		
192	891.67	862.17	29.50	30.00	30.00	12.50	2.50	849.67	W 14X61	42.00	NA	NA		29.50			
193	890.33	861.93	28.40	30.00	30.00	12.50	2.50	849.43	W 14X61	40.90	NA	NA			28.40		

POST SCHEDULE SOUND BARRIER 4 **RELEASED FOR CONSTRUCTION: 12/05/11**

POST NO.	TOP OF PANEL	TOP OF CAISSON	ACTUAL HEIGHT (FT)	DESIGN HEIGHT POST (FT)	DESIGN HEIGHT FND. (FT)	CAISSON DEPTH (FT)	CAISSON DIAM. (FT)	BOTTOM CAISSON	BEAM SIZE	BEAM LENGTH	BOLT DIAM. (IN)	BOLT EMBED. (FT)	L.F. FLASHING PER TYPE EP	LP	SP	CP	COMMENT
194	890.33	861.69	28.64	30.00	30.00	12.50	2.50	849.19	W 14X61	41.14	NA	NA		28.64			
195	890.33	861.46	28.87	30.00	30.00	12.50	2.50	848.96	W 14X61	41.37	NA	NA			28.87		
196	890.33	861.22	29.11	30.00	30.00	12.50	2.50	848.72	W 14X61	41.61	NA	NA		29.11			
197	890.33	860.98	29.35	30.00	30.00	12.50	2.50	848.48	W 14X61	41.85	NA	NA			29.35		
198	886.33	860.75	25.58	26.00	26.00	11.25	2.50	849.50	W 14X43	36.83	NA	NA		25.58			
199	886.33	860.51	25.82	26.00	26.00	11.25	2.50	849.26	W 14X43	37.07	NA	NA			25.82		
200	886.33	860.27	26.06	28.00	28.00	12.00	2.50	848.27	W 14X53	38.06	NA	NA		26.06			
201	886.33	860.02	26.31	28.00	28.00	12.00	2.50	848.02	W 14X53	38.31	NA	NA			26.31		
202	886.33	859.76	26.57	28.00	28.00	12.00	2.50	847.76	W 14X53	38.57	NA	NA		26.57			
203	885.00	859.50	25.50	26.00	26.00	11.25	2.50	848.25	W 14X43	36.75	NA	NA			25.50		
204	885.00	859.24	25.76	26.00	26.00	11.25	2.50	847.99	W 14X43	37.01	NA	NA		25.76			
205	885.00	858.97	26.03	26.00	26.00	11.25	2.50	847.72	W 14X43	37.28	NA	NA			26.03		
206	887.67	858.71	28.96	30.00	30.00	12.50	2.50	846.21	W 14X61	41.46	NA	NA		28.96			
207	887.67	858.45	29.22	30.00	30.00	12.50	2.50	845.95	W 14X61	41.72	NA	NA			29.22		
208	887.67	858.18	29.49	30.00	30.00	12.50	2.50	845.68	W 14X61	41.99	NA	NA		29.49			
209	887.67	857.92	29.75	30.00	30.00	12.50	2.50	845.42	W 14X61	42.25	NA	NA			29.75		
210	886.33	857.66	28.67	30.00	30.00	12.50	2.50	845.16	W 14X61	41.17	NA	NA		28.67			
211	886.33	857.40	28.93	30.00	30.00	12.50	2.50	844.90	W 14X61	41.43	NA	NA			28.93		
212	886.33	857.16	29.17	30.00	30.00	12.50	2.50	844.66	W 14X61	41.67	NA	NA		29.17			
213	886.33	856.92	29.41	30.00	30.00	12.50	2.50	844.42	W 14X61	41.91	NA	NA			29.41		
214	886.33	856.67	29.66	30.00	30.00	12.50	2.50	844.17	W 14X61	42.16	NA	NA		29.66			
215	886.33	856.43	29.90	30.00	30.00	12.50	2.50	843.93	W 14X61	42.40	NA	NA			29.90		
216	885.00	856.18	28.82	30.00	30.00	12.50	2.50	843.68	W 14X61	41.32	NA	NA		28.82			
217	885.00	855.94	29.06	30.00	30.00	12.50	2.50	843.44	W 14X61	41.56	NA	NA			29.06		
218	885.00	855.69	29.31	30.00	30.00	12.50	2.50	843.19	W 14X61	41.81	NA	NA		29.31			
219	885.00	855.44	29.56	30.00	30.00	12.50	2.50	842.94	W 14X61	42.06	NA	NA			29.56		
220	885.00	855.20	29.80	30.00	30.00	12.50	2.50	842.70	W 14X61	42.30	NA	NA		29.80			
221	883.67	854.95	28.72	30.00	30.00	12.50	2.50	842.45	W 14X61	41.22	NA	NA			28.72		
222	883.67	854.33	29.34	30.00	30.00	12.50	4.00	841.83	2-W 14X61	41.84	NA	NA				29.34	CP
223	878.33	853.00	25.33	26.00	26.00	11.25	2.50	841.75	W 14X43	36.58	NA	NA		25.33			
224	878.33	853.00	25.33	26.00	26.00	11.25	2.50	841.75	W 14X43	36.58	NA	NA			25.33		
225	878.33	851.67	26.66	28.00	28.00	12.00	2.50	839.67	W 14X53	38.66	NA	NA		26.66			
226	878.33	850.33	28.00	28.00	28.00	12.00	2.50	838.33	W 14X53	40.00	NA	NA			28.00		
227	878.33	850.33	28.00	28.00	28.00	12.00	2.50	838.33	W 14X53	40.00	NA	NA		28.00			TR
228	878.33	850.33	28.00	28.00	30.00	13.25	2.50	837.08	W 14X53	41.25	NA	NA			28.00		TR
229	878.33	850.33	28.00	28.00	30.00	13.50	2.50	836.83	W 14X53	41.50	NA	NA		28.00			TR
230	878.33	850.33	28.00	28.00	30.00	12.75	2.50	837.58	W 14X53	40.75	NA	NA			28.00		TR
231	879.67	851.66	28.01	28.00	28.00	12.00	2.50	839.66	W 14X53	40.01	NA	NA		28.01			TR
232	882.33	853.00	29.33	30.00	30.00	12.50	4.00	840.50	2-W 14X61	41.83	NA	NA				29.33	TR,CP
233	882.33	854.33	28.00	28.00	28.00	12.00	2.50	842.33	W 14X53	40.00	NA	NA		28.00			TR
234	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA			29.33		TR
235	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA		29.33			TR
236	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA			29.33		TR
237	885.00	857.00	28.00	28.00	28.00	12.00	2.50	845.00	W 14X53	40.00	NA	NA		28.00			TR
238	885.00	857.00	28.00	28.00	28.00	12.00	2.50	845.00	W 14X53	40.00	NA	NA			28.00		TR
239	885.00	857.00	28.00	28.00	28.00	12.00	2.50	845.00	W 14X53	40.00	NA	NA		28.00			TR
240	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA			29.33		TR
241	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA		29.33			TR
242	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA			29.33		TR
243	885.00	855.67	29.33	30.00	30.00	12.50	2.50	843.17	W 14X61	41.83	NA	NA		29.33			TR
244	886.33	857.00	29.33	30.00	30.00	12.50	2.50	844.50	W 14X61	41.83	NA	NA			29.33		TR
245	887.67	858.33	29.34	30.00	30.00	12.75	2.50	845.58	W 14X61	42.09	NA	NA		29.34			TR
246	887.67	858.33	29.34	30.00	30.00	12.75	2.50	845.58	W 14X61	42.09	NA	NA			29.34		TR

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	0009542	539	759

SOUND BARRIER 4

NOTES:
GROUND MOUNTED POSTS FULLY EMBEDDED IN CAISSON UNLESS OTHERWISE NOTED.

KEY TO COMMENTS:
TR-POST WITH TOP RAIL ANGLE ATTACHMENT
CP-CORNER POST
B1-BARRIER MOUNTED, ADHESIVED ANCHOR
B2-BARRIER MOUNTED, CIP ANCHOR
B3-BARRIER MOUNTED, CIP ANCHOR WITH PLATE
BLT-POST BOLTED TO CAISSON, NOT FULLY EMBEDDED

THE LPA GROUP
A UNIT OF MICHAEL BAKER CORPORATION
THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

SOUND BARRIER POST SCHEDULE
I-20 CD LANES
DEKALB COUNTY 0009542

DRAWING NO. 33-68
WALL SHEET 13 OF 24

REVISIONS | DATE | BY

SCALE: NONE DECEMBER 2011

DESIGNED BSB | CHECKED ANZ | REVIEWED WEI/WMD
DRAWN BSB | DESIGN GROUP AWB | APPROVED BFR

12/21/2011 10:42:21 AM R:\123300\Walls\noise wall\shop drawings\PS-13.dgn