

Figure 1: Modeling Locations
Central Street Battery Storage Project, Holliston, MA



Figure 2: Modeling Results with No Mitigation, Leq dBA
Central Street Battery Storage Project, Holliston, MA

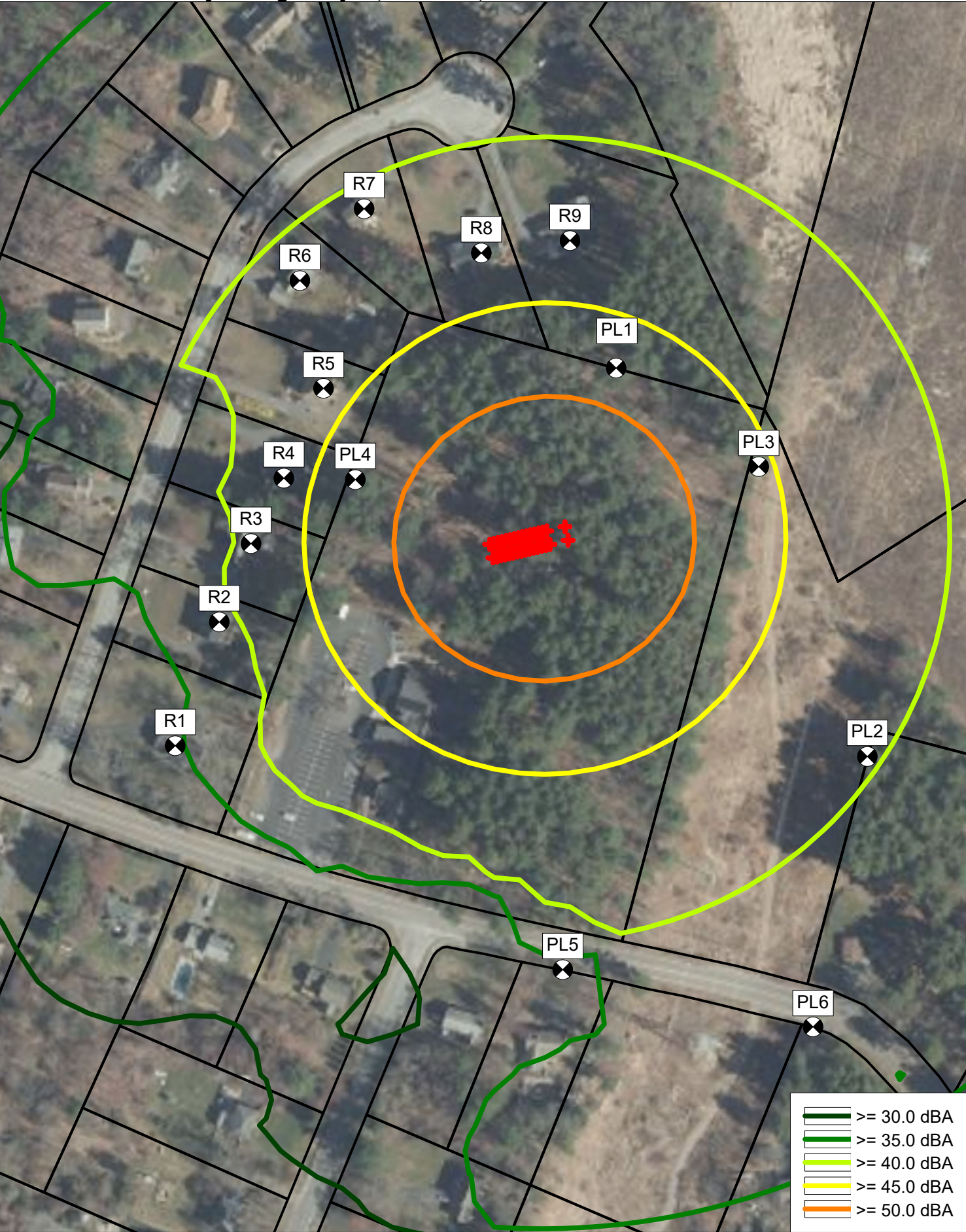


Figure 3: Modeling Results with 12-Foot-Tall Barrier, Leq dBA
Central Street Battery Storage Project, Holliston, MA



Figure 4: Modeling Results with 14-Foot-Tall Barrier, Leq dBA
Central Street Battery Storage Project, Holliston, MA



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**Modeled Project-Only Sound Levels Compared to Nighttime Ambient Sound Levels
(No Operational Restrictions)**

Table 1: Unmitigated

ID	Modeled Sound Level Leq dBA	Ambient Sound Level L90 dBA	Total Ambient Plus Project dBA	Increase above Ambient dBA	Below MassDEP Limit? [Y/N]
R1	35	23	35	12	N
R2	37	23	37	14	N
R3	41	23	41	18	N
R4	42	23	42	19	N
R5	44	23	44	21	N
R6	41	23	41	18	N
R7	41	23	41	18	N
R8	43	23	43	20	N
R9	43	23	43	20	N
PL1	48	23	48	25	N
PL2	40	23	40	17	N
PL3	46	23	46	23	N
PL4	47	23	47	24	N
PL5	35	23	35	12	N
PL6	37	23	37	14	N

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**Modeled Project-Only Sound Levels Compared to Nighttime Ambient Sound Levels with Restricted Hours
(Only Operate 7 am to 6 pm)**

Table 2: 12' Barrier

ID	Modeled Sound Level Leq dBA	Ambient Sound Level L90 dBA	Total Ambient Plus Project dBA	Increase above Ambient dBA	Below MassDEP Limit? [Y/N]
R1	31	32	34	3	Y
R2	35	32	37	5	Y
R3	37	32	38	6	Y
R4	39	32	39	8	Y
R5	39	32	39	8	Y
R6	37	32	38	6	Y
R7	36	32	38	6	Y
R8	38	32	39	7	Y
R9	38	32	39	7	Y
PL1	41	32	41	9	Y
PL2	35	32	37	5	Y
PL3	38	32	39	7	Y
PL4	41	32	42	10	Y
PL5	33	32	35	4	Y
PL6	33	32	35	4	Y

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**Modeled Project-Only Sound Levels Compared to Nighttime Ambient Sound Levels with Restricted Hours
(Only Operate 7 am to 8 pm)**

Table 3: 14' Barrier

ID	Modeled Sound Level Leq dBA	Ambient Sound Level L90 dBA	Total Ambient Plus Project dBA	Increase above Ambient dBA	Below MassDEP Limit? [Y/N]
R1	33	31	35	4	Y
R2	34	31	36	5	Y
R3	36	31	37	7	Y
R4	37	31	38	7	Y
R5	38	31	39	8	Y
R6	36	31	37	6	Y
R7	35	31	37	6	Y
R8	37	31	38	7	Y
R9	37	31	38	7	Y
PL1	39	31	40	9	Y
PL2	35	31	36	5	Y
PL3	37	31	38	7	Y
PL4	40	31	41	10	Y
PL5	32	31	35	4	Y
PL6	33	31	35	4	Y