

Attachment I

**Acoustical Study by Advanced Engineering
Acoustics 2022-12-16**

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December 16, 2022

Ginger Andersen, MCRP AICP
Brownstein Hyatt Farber Schreck
1021 Anacapa Street, Second Floor
Santa Barbara, CA 93101

SUBJECT: Camp Hess Kramer Planned Program and Outside Events Noise Report, Rev. 4
Ambient Noise, Potential Program and Outside Booked Events Noise Impacts

REFERENCE: LR_Camp Hess Kramer Event Music, Rev 1a, October 13, 2014

Dear Ginger:

At your request, Advanced Engineering Acoustics (AEA) has conducted daytime ambient noise measurements along the Camp Hess Kramer east boundary and reconsidered the Camp planned music/sound potential noise impacts on surrounding residential receivers. This letter reports the results of our acoustical ambient measurements and potential future residential noise impacts.

Background – The lower Camp Hess Kramer property and upper Gindling Hilltop Camp property have been operated as an outdoor camp with special events since the 1960s. Amplified sound has been used around both campsite areas, as needed, and customary for various Camp activities such as dance, yoga, performing arts, special events, and sporting activities. AEA previously analyzed on-site to off-site sound propagation and County noise code compliance at Camp Hess Kramer in 2013 in support of the Conditional Use Permit (CUP) renewal. Recommendations were made to maintain noise compliance by Camp and outside facilities renters (see Referenced AEA report).

From November 8-21, 2018 the Woolsey Fire destroyed 96,949 acres in Ventura and Los Angeles Counties, including major portions of Camp Hess Kramer, located in the Malibu Hills north of Pacific Coast Highway and west of Yerba Buena Road. Plans to restore Camp Hess Kramer are underway. The rebuild proposes to replace much of the Camp structures and uses in the same general areas of camp as they existed before the fire, with amplified sound occurring in locations referenced in the rebuild plan (see Figure 1 and Appendix A, Figures A-1, A-2 & A-3). Accordingly, going forward the use of the site will remain unchanged in terms of population, size or number of events from that which existed under the CUP prior to the Fire. This noise report is to assist in that effort.

Fundamentals of Sound - Physically, sound pressure magnitude is measured and quantified in terms of the decibel (dB), which is associated with a logarithmic scale based on the ratio of a measured sound pressure to the reference sound pressure of 20 micropascal ($20 \mu\text{Pa} = 20 \times 10^{-6} \text{ N/m}^2$). However, the decibel system can be very confusing. For example, doubling or halving the number of sources of equal noise (a 2-fold change in acoustic *energy*) changes the receptor noise by only 3 dB, which is a barely perceptible sound change for humans. While doubling or halving the sound *loudness* at the receiver results from a 10 dB change and also represents a 10-fold change in the acoustic *energy*. In addition, the human hearing system is not equally sensitive to sound at all

frequencies. Because of this variability, a frequency-dependent adjustment called “A-weighting” has been devised so that sound may be measured in a manner similar to the way the human hearing system responds. The A-weighted sound level is abbreviated "dBA".



Figure 1. Camp Hess Kramer and Gindling Hilltop Camp with Nearby Residences

Ventura County Noise Ordinances and Standards - The County of Ventura has noise codes. County Planning Noise Standards -- The planning noise standards for the County of Ventura are outlined in Sec. 2.16 Noise et. al., of the Ventura County General Plan Policies (see this information online at www.ventura.org/planning). Table 1 shows the county planning noise standards for noise-generating sources.

County Construction Noise Standards -- The construction noise standards for the County of Ventura are found in the Ventura County Construction Noise Threshold and Control Plan. In general, the standards dictate that Construction Contractors must plan equipment usage, operational timing and staging locations to avoid unnecessarily compounding or creating excessive noise at sensitive receptor locations, such as nearest residences at the time of construction activity.

Table 1. Ventura County General Plan Noise Source Limits

<p>(4) Noise generators, proposed to be located near any <i>noise sensitive use</i>, shall incorporate noise control measures so that ongoing outdoor noise levels received by the noise sensitive receptor, <u>measured at the exterior wall of the building</u>, do not exceed any of the following standards:</p> <ul style="list-style-type: none">a. Leq(1hr) of 55 dB(A) or ambient noise level plus 3 dB(A), whichever is greater, during any hour from 6:00 a.m. to 7:00 p.m.b. Leq(1hr) of 50 dB(A) or ambient noise level plus 3 dB(A), whichever is greater, during any hour from 7:00 p.m. to 10:00 p.m.c. Leq(1hr) of 45 dB(A) or ambient noise level plus 3 dB(A), whichever is greater, during any hour from 10:00 p.m. to 6:00 a.m.

County Loud and Raucous Noise Standards -- The loud and raucous nighttime noise after **9 p.m.** in unincorporated residential zones of the County of Ventura are in Article 11 of Chapter 2 of the County Municipal Code, which states that, *“No person shall create within any residential zone of the County of Ventura any loud or raucous noise which is audible to the human ear during the hours of 9 p.m. to 7 a.m. of the following day, at a distance of 50 feet from the property line of the noise source or 50 feet from any such noise source if the noise source is in a public right-of-way.”*

Acoustical Ambient Measurements - Ambient noise measurements were conducted at six locations adjacent to the subject eastern boundary line on Thursday, July 14, 2022, between the hours of 10 a.m. and 9:15 p.m. The ambient noise measurements are reported herein and are compared with the County of Ventura noise standards. The ambient measurements were conducted using six NTi Model XL2 Type 1 Sound Level Meters, which were all calibrated according to the manufacturer’s instructions before and after the measurements. Figure 2 shows the vicinity of the subject property and the six Camp boundary ambient noise measurement sites. Five of the six measurement locations (B through F in Figure 2 occur along the western edge of Lower Camp near Yerba Buena Road and were chosen for ease of access, and because these locations are the closest publicly available vantage points to the existing and proposed uses. Measurement location A occurs on the eastern side of Yerba Buena Road, at the nearest residence to Gil Fitch Field. On the east of Yerba Buena Road, the ground elevation rises east and north. This area could potentially be developed with one or more residences in the future. On the west side of Yerba Buena Road, the ground level is lower and then rises west and north.

Summary of Ambient Noise Measurement Results - The ambient noises during the morning, afternoon and evening of July 14, 2022 were caused mainly by off-site noise sources (traffic on Yerba Buena Road, Pacific Coast Highway, and aircraft overflights). Table 2 shows the A-weighted, Slow Response, hourly maximum, energy average and minimum ambient noise levels

measured at the nearest residential Site A property and at Sites B through F along the Camp’s east property line (where 50-foot East of which “Loud and Raucous” inaudible noise listening is to be conducted after 9 p.m.). The measured 15-minute interval ambient noise data are given in Appendix B. Table 3 shows the County Planning fixed hourly energy average noise limits and the estimated County ambient-based noise limits for the ambient test locations. These ambient-based noise limits were developed by adding 3 dB to the measured hourly ambient Leq noise levels. Note that ambient-based noise limits will change seasonally depending on local off-site conditions. The ambient-based noise limits are typically established by conducting ambient noise surveys at or near existing or future sensitive receptor locations prior to the onset of different noise producing events.

Table 2a. Hourly Maximum, Energy Average (Leq) and Minimum Ambient Noise Levels, dBA

HOURLY	Start	SLM A	SLM A	SLM A	Start	SLM B	SLM B	SLM B	Start	SLM C	SLM C	SLM C
Date	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin
7/14/2022	10:00	73.8	56.3	36.7	10:00	73.9	54.2	44.2	10:00	81.0	58.2	33.6
7/14/2022	11:00	77.7	55.9	36.3	11:00	77.7	55.8	44.2	11:00	79.6	57.9	32.5
7/14/2022	12:00	76.7	55.8	36.3	12:00	78.1	54.6	43.9	12:00	79.5	56.5	30.2
7/14/2022	13:00	70.2	51.9	36.9	13:00	70.5	52.2	44.0	13:00	75.4	53.6	30.0
7/14/2022	14:00	72.4	53.2	36.8	14:00	72.2	52.9	44.0	14:00	77.3	54.6	30.0
7/14/2022	15:00	71.7	55.1	36.0	15:00	75.5	52.5	44.1	15:00	78.9	55.1	31.4
7/14/2022	16:00	70.2	55.9	36.2	16:00	72.4	52.8	44.0	16:00	75.8	55.5	30.7
7/14/2022	17:00	70.8	56.3	36.0	17:00	72.8	51.8	44.0	17:00	78.3	55.1	29.7
7/14/2022	18:00	71.7	56.1	36.6	18:00	72.4	52.5	44.4	18:00	76.4	55.4	30.8
7/14/2022	19:00	76.5	56.1	36.2	19:00	78.6	54.9	44.3	19:00	84.6	58.9	31.0
7/14/2022	20:00	66.4	54.9	36.2	20:00	68.3	48.8	44.1	20:00	74.6	51.3	31.8

Table 2b. Hourly Maximum, Energy Average (Leq) and Minimum Ambient Noise Levels, dBA

HOURLY	Start	SLM D	SLM D	SLM D	Start	SLM E	SLM E	SLM E	Start	SLM F	SLM F	SLM F
Date	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin
7/14/2022	10:00	79.8	57.6	36.2	10:00	82.3	59.4	54.0	10:00	78.2	55.8	46.6
7/14/2022	11:00	83.8	60.1	33.0	11:00	78.1	58.7	54.0	11:00	73.5	52.9	46.5
7/14/2022	12:00	77.3	56.1	30.2	12:00	79.7	58.4	54.0	12:00	76.8	52.7	46.5
7/14/2022	13:00	80.1	56.6	29.9	13:00	74.5	56.6	54.1	13:00	68.1	49.7	46.5
7/14/2022	14:00	75.3	53.1	30.0	14:00	76.4	57.0	54.1	14:00	69.7	50.6	47.0
7/14/2022	15:00	79.0	56.1	30.6	15:00	78.4	57.4	54.1	15:00	77.0	52.5	47.1
7/14/2022	16:00	77.3	56.2	30.4	16:00	76.3	57.8	54.1	16:00	69.1	50.8	46.7
7/14/2022	17:00	74.3	53.1	29.7	17:00	76.8	57.1	54.0	17:00	71.1	50.7	46.7
7/14/2022	18:00	76.8	55.2	29.4	18:00	74.7	57.2	54.0	18:00	71.2	51.1	46.7
7/14/2022	19:00	83.6	58.0	29.3	19:00	83.6	59.4	54.0	19:00	77.3	53.4	46.8
7/14/2022	20:00	70.7	48.8	29.4	20:00	76.4	56.0	54.1	20:00	64.3	47.8	46.6

Camp Hess Kramer and Gindling Hilltop Camp Acoustical Noise Assessment - AEA has reviewed the plans for locations where amplified sound may be used (see Figure 3). The proposed rebuild project has plans to use amplified sound sources at the identified locations. All existing residential locations are identified on Figure 3 for both the lower and upper camp areas. AEA used

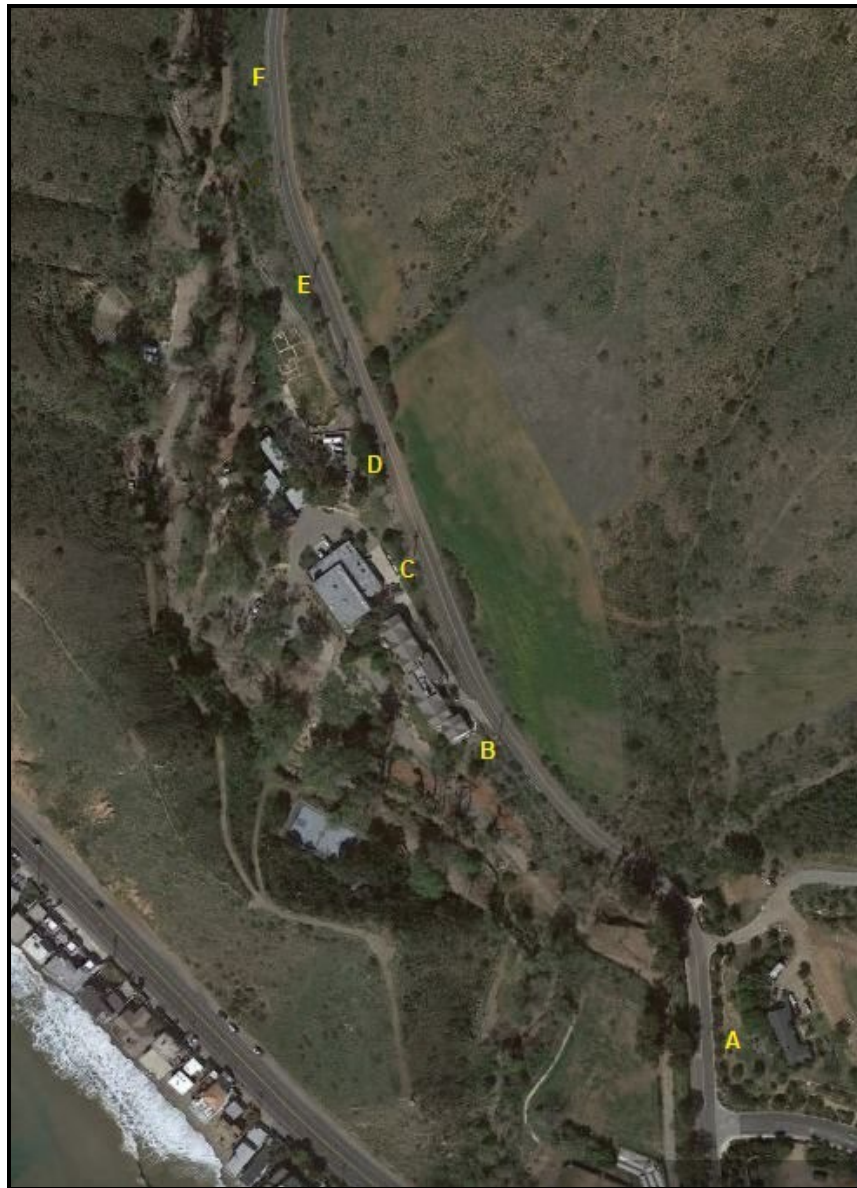


Figure 2. Camp Hess Kramer (south) and Ambient Noise Measurement Sites

SoundPLAN™ (Version 8.2) Community Noise Model computer program to investigate the potential effects of noisy activities and off-season non-camp affiliated private events. In the SoundPLAN project noise model, the fourteen potential amplified music and P.A. system sound sources are shown in Figure 3 as yellow circles with dark centers (labeled S1 through S14). They are 8 feet above ground level (AGL) while the terrain contours were digitized in SoundPLAN from TOPOZONE for Ventura County. The five receivers on Figure 3 are the red diamonds with yellow centers (labeled R1 through R5) and are 5 feet AGL. These five receivers represent the nearest current residences to the Camp. Three different sound source power levels were used depending on receiver proximity, topography shielding, topographical reflecting or focusing, and ground cover. Sound source group A applied to Sources 1 to 3. Sound source group B applied to Sources 4 to 7. And sound source group C applied to Sources 8 to 14. The noise modeling assumed sound source



Figure 3. Potential Camp Noise Source Locations and Existing Residences (aka Receivers)

Table 3. Hourly Fixed Energy Average (Leq) and Ambient-Based Noise Limits, dBA

HOURLY	Start	Fixed Noise Limit	SLM A	SLM B	SLM C	SLM D	SLM E	SLM F
Date	Time	LAeq	LAeq	LAeq	LAeq	LAeq	LAeq	LAeq
7/14/2022	10:00	55	59.3	57.2	61.2	60.6	62.4	58.8
7/14/2022	11:00	55	58.9	58.8	60.9	63.1	61.7	55.9
7/14/2022	12:00	55	58.8	57.6	59.5	59.1	61.4	55.7
7/14/2022	13:00	55	54.9	55.2	56.6	59.6	59.6	52.7
7/14/2022	14:00	55	56.2	55.9	57.6	56.1	60.0	53.6
7/14/2022	15:00	55	58.1	55.5	58.1	59.1	60.4	55.5
7/14/2022	16:00	55	58.9	55.8	58.5	59.2	60.8	53.8
7/14/2022	17:00	55	59.3	54.8	58.1	56.1	60.1	53.7
7/14/2022	18:00	55	59.1	55.5	58.4	58.2	60.2	54.1
7/14/2022	19:00	50	59.1	57.9	61.9	61.0	62.4	56.4
7/14/2022	20:00	50	57.9	51.8	54.3	51.8	59.0	50.8

groups A, B and C were operating 100% of the time from 7 a.m. to 9 p.m. (The 9 p.m. cut-off time is to prevent invoking provisions of the “Loud and Raucous” rural residential inaudible noise code). The sound source group noise data are shown in Figures 4 through 6, respectively. Be aware that Sound Power Level (L_w) is the acoustic source output just as lumens is the luminary power output of a light source. The power of these sources is a property of the source and does not change with the location of the receiver relative to the source. However, different receiver locations experience different loudness and brightness of the respective sound and light sources, respectively measured in sound pressure level (L_p) and lux, which both change dramatically with distance, intervening shielding or reflective surface focusing. For both sound and light, reflective surfaces that are angled slightly with respect to the direct line of sight to the source can cause focusing and can cause an increase in intensity. This is also the case with bushes and trees that have medium to large leaves, which are randomly angled. At this time there are sufficient numbers of these small reflective surfaces that many will reflect sound waves toward a specific receiver causing additional focusing and intensity of sound, which also decreases with distance from the reflecting surface but can be increased by a larger number of focusing reflecting surfaces.

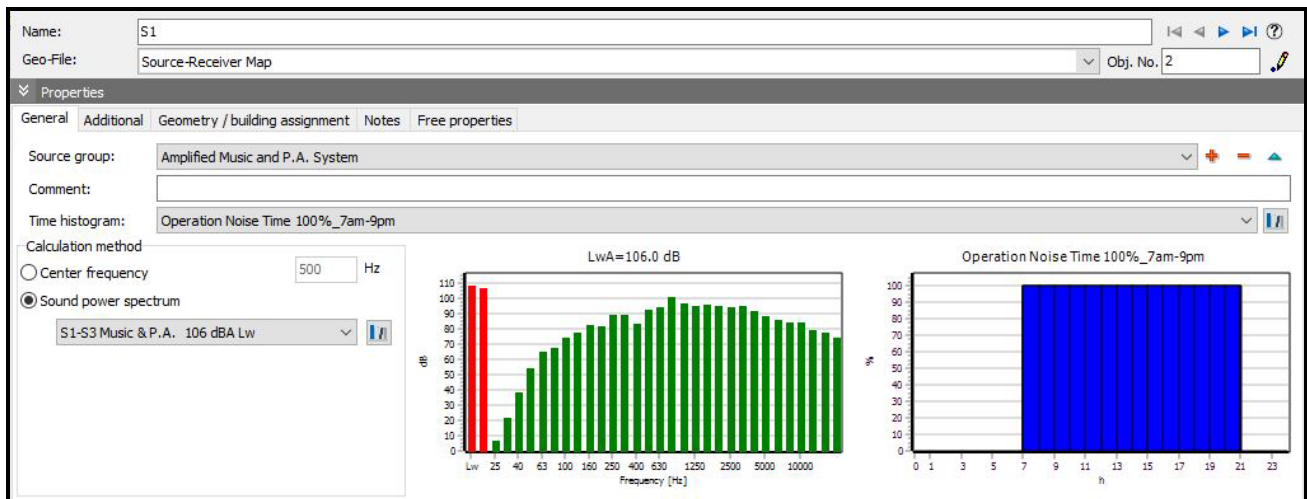


Figure 4. Amplified Sound Source Data for S1, S2 and S3

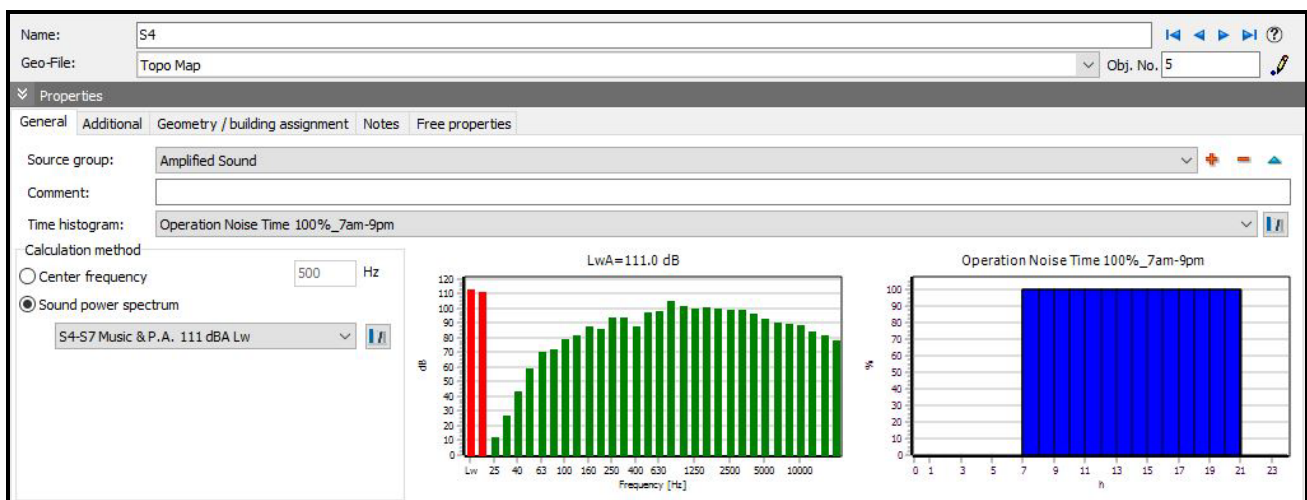


Figure 5. Amplified Sound Source Data for S4, S5, S6 and S7



Figure 6. Amplified Sound Source Data for S8, S9, S10, S11, S12, S13 and S14

Camp Hess Kramer and Gindling Hilltop Camp Noise Results – The combined Music and P.A. system sound sources originating at each sound source location and propagating throughout the hills and canyons of Camp vicinity have been modeled using the ISO 9613-Part 2 environmental sound propagations Standard and the input and output results have been adjusted and calibrated to be in compliance with the County noise codes. The results of this process are indicated by the final sound source data given in Figures 4 to 6. The associated final calibrated output results at each residential receiver and potential source noise monitoring sites identified in Table 4 as X1, X4 and X14 (being 50 feet from loudspeaker or bullhorn source sites S1, S4 and S14 as shown on Figure 3). The results of all modeled music and P.A. source output combined for Receivers R1 to R5 and the source monitoring sites are given in Table 4, where “Leq, d” is the daytime (7am-7pm) and “Leq, e” is the evening (7pm-9pm) expected results and monitoring noise limits for X-1, X-4 and X-14. For practical purposes, these results may be rounded down for decimals below .5 and rounded up for decimals .5 and above, to omit the decimals and deal with whole numbers since fractional decibels are inaudible to humans in typical outdoor environments.

Camp Hess Kramer Noise Control Recommendations – In our referenced report, an amplified sound propagation test was performed on the Gil Fitch Field, in order to have the closest proximity to the nearest off-site residential structures to the East (R-2 herein). In doing so, we demonstrated that the Camp's then portable amplified sound system operating at its highest loudness setting created an average noise level at the nearest (200 feet) residential structure of 54 dBA Leq, just below the daytime hourly average noise limit of 55 dBA Leq set by the County. Since our referenced 2014 report was issued, we are told by the County that no off-site noise complaints have been received by the County. Accordingly, barring any future neighbor complaints, there is no reason why amplified sound cannot originate from gathering areas S1 through S14, as shown in Figure 3 and in Appendix A. Should there be a formal future complaint, we recommend Appendix C noise monitoring be conducted during setup and testing of amplified sound systems to insure that hourly average noise level code compliance is achieved per the County Planning noise regulations. Also note the Loud and Raucous code (inaudible after 9 p.m.) includes all sounds originating from Camp activities, not just amplified.

Construction Noise Control Recommendations – During construction bidding, prospective contractors and their subcontractors and staff must be provided with copies of the County’s Construction Noise Threshold and Control Plan, which must be understood and applied.

Table 4. Noise Modeling Results for Receiver Levels and Noise Monitor Site Limits

Receiver	Usage	FI	Leq,d dB(A)	Leq,e dB(A)
R-1_ Coastal Community	SR	G	51.7	49.9
R-2_ Closest Residential	SCR	G	53.0	51.2
R-3_ East Hill Residence	SCR	G	45.6	43.9
R-4_ Central East Hill Residence	SCR	G	47.8	46.0
R-5_ Central Canyon Hill Residence	SCR	G	52.0	50.2
X-0_ 50 ft from S1	PRK	G	71.5	69.8
X-04_ 50 feet from S4	PRK	G	76.5	74.8
X-14_ 50 ft from S14	PRK	G	81.6	79.8

Special “Other Party” Event Noise Control Recommendations – It is necessary to assure that Camp rental “other party” amplified DJ music and PA announcement sounds do not exceed the County residential outdoor residential noise limits. The main concern would be when outside vendors or entertainers supply their own sound systems. Camp Hess Kramer “other party” event rental contracts in such cases should clearly and plainly state the hourly average sound level limit 50 feet from any loudspeaker in the direction towards residences (e.g. potential monitoring sites X-0 through X-14 or others where 50-feet from the loud speaker diverges from these locations). If this becomes a problem, there are sound monitoring systems and power supply relays that can cut off power to an offending sound system (see Appendix C). Any qualified sound engineer can assist if this becomes necessary. Under calm conditions the sound level at 50 feet will be approximately 14 dB lower than at 10 feet and will decrease by 6 dB for each doubling of distance from a point source.

This concludes our report on the acoustical evaluation of the Camp Hess Kramer program and event operations and proposed temporary booked event venues (weddings, Bar Mitzvahs, etc.). If you or your clients have any questions regarding this report, please contact me by phone or email.

Sincerely,

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APPENDIX A

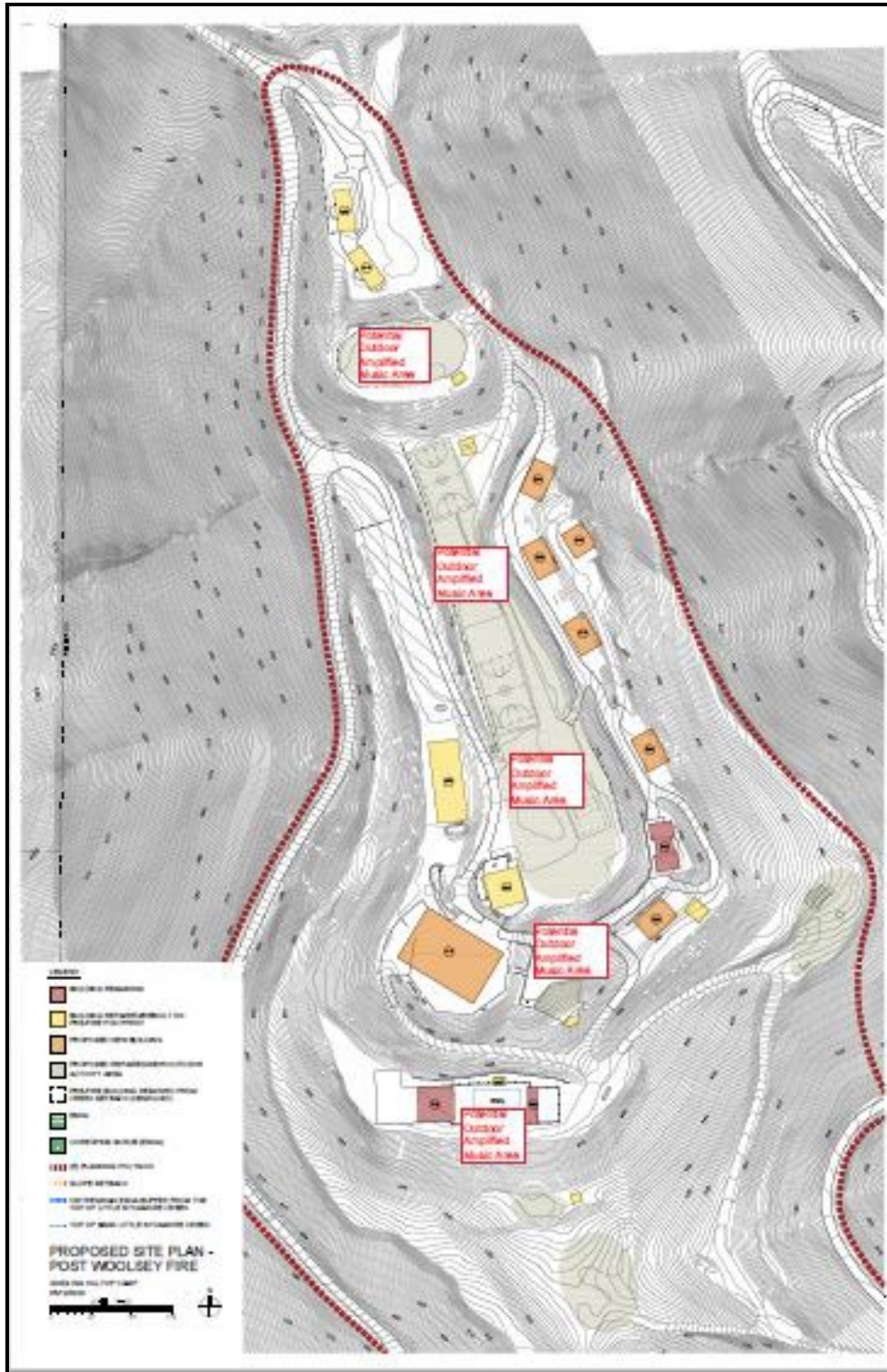


Figure A-1. Gindling Hilltop Camp

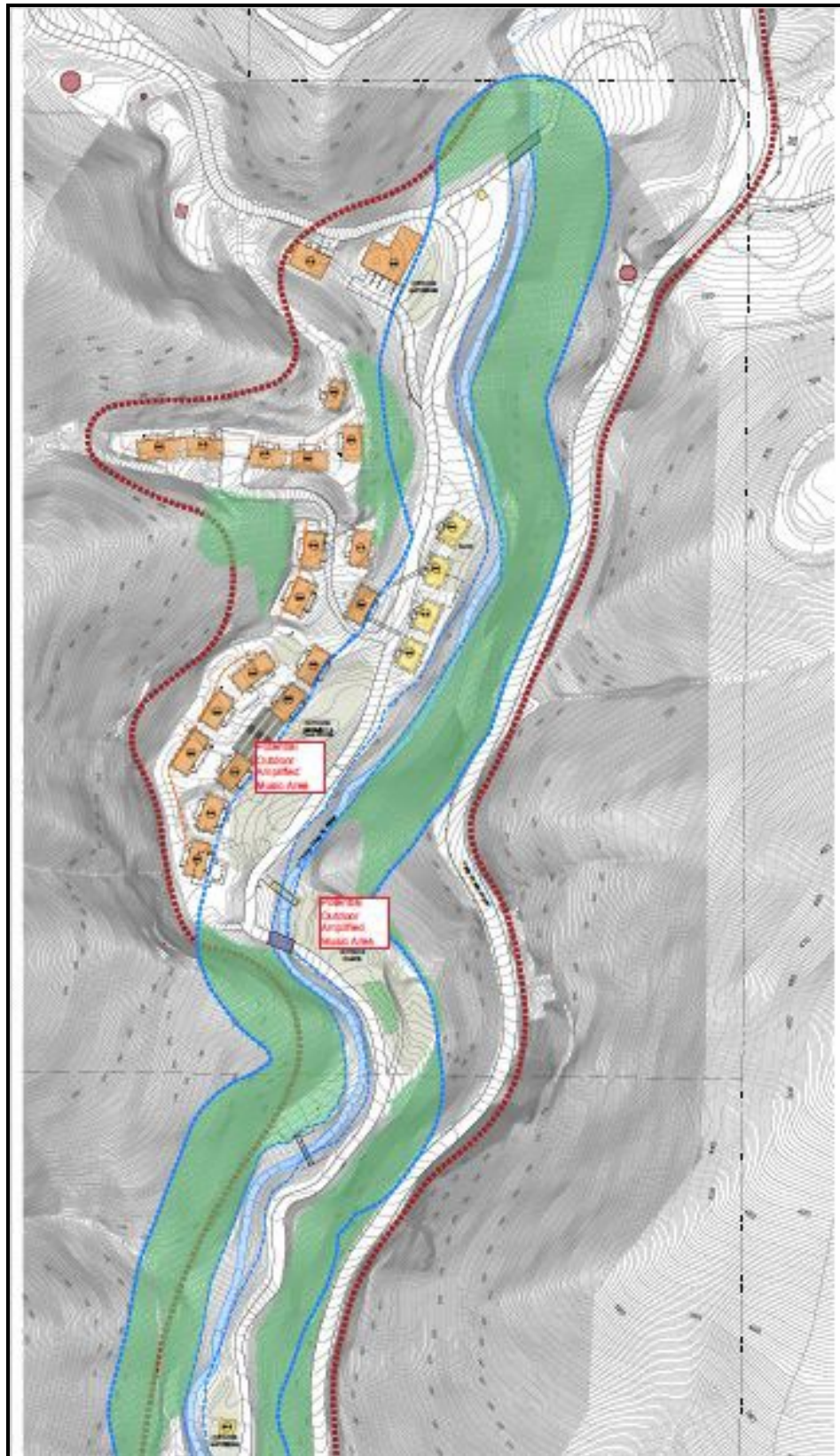


Figure A-2. Camp Hess Kramer (north portion)

APPENDIX B

		SLM A	SLM A	SLM A		SLM B	SLM B	SLM B		SLM C	SLM C	SLM C
Date	Time	LASmax	Laeq	LASmin	Time	LASmax	LAeq	LASmin	Time	LASmax	Laeq	LASmin
7/14/2022	10:00				10:00				10:00			
7/14/2022	10:15				10:15	70.2	53.1	44.1	10:15	84.3	61.3	34.2
7/14/2022	10:30	67.6	51.5	36.7	10:30	74.7	54.0	44.2	10:30	77.1	54.7	33.3
7/14/2022	10:45	78.9	61.1	36.5	10:45	76.8	55.9	44.3	10:45	81.3	58.4	33.7
7/14/2022	11:00	76.5	55.1	36.3	11:00	72.7	52.9	44.4	11:00	79.3	55.7	33.4
7/14/2022	11:15	81.5	59.0	36.9	11:15	82.4	59.4	44.2	11:15	82.0	60.7	32.8
7/14/2022	11:30	72.3	53.0	36.1	11:30	74.0	54.3	44.3	11:30	76.7	57.3	31.9
7/14/2022	11:45	75.1	53.7	35.9	11:45	73.0	52.3	44.0	11:45	78.5	55.6	31.6
7/14/2022	12:00	79.3	57.6	36.5	12:00	78.4	55.4	43.9	12:00	79.1	57.8	29.7
7/14/2022	12:15	70.6	53.2	35.6	12:15	70.9	52.5	43.8	12:15	76.7	54.2	30.1
7/14/2022	12:30	78.9	57.3	36.0	12:30	81.9	56.9	43.9	12:30	82.4	58.1	30.2
7/14/2022	12:45	71.4	52.8	37.0	12:45	72.9	51.6	44.1	12:45	77.6	54.6	30.7
7/14/2022	13:00	72.7	53.7	36.3	13:00	70.9	52.8	43.9	13:00	76.9	56.1	30.0
7/14/2022	13:15	66.3	51.0	37.0	13:15	68.0	50.3	44.0	13:15	72.6	51.7	29.5
7/14/2022	13:30	71.0	52.0	37.0	13:30	73.1	53.3	44.1	13:30	77.6	54.4	30.5
7/14/2022	13:45	68.0	49.8	37.1	13:45	67.6	51.8	44.0	13:45	71.4	49.1	29.8
7/14/2022	14:00	72.7	52.0	37.8	14:00	73.4	53.2	44.3	14:00	79.2	54.3	30.4
7/14/2022	14:15	72.4	52.5	36.6	14:15	70.8	53.6	43.9	14:15	75.3	53.7	29.9
7/14/2022	14:30	73.9	54.3	36.3	14:30	73.0	52.7	44.0	14:30	78.1	54.3	29.6
7/14/2022	14:45	69.6	53.5	36.2	14:45	71.2	51.7	43.9	14:45	75.5	55.9	30.2
7/14/2022	15:00	73.7	53.7	36.5	15:00	76.4	52.9	44.1	15:00	77.9	54.8	29.7
7/14/2022	15:15	67.0	55.5	35.7	15:15	77.0	52.5	44.1	15:15	81.8	55.4	33.1
7/14/2022	15:30	69.7	56.3	36.1	15:30	72.4	51.0	44.0	15:30	77.8	55.9	31.2
7/14/2022	15:45	73.4	54.4	35.6	15:45	74.8	53.3	44.0	15:45	75.5	54.0	31.0
7/14/2022	16:00	73.0	59.6	36.3	16:00	75.9	56.5	44.0	16:00	78.7	59.7	31.0
7/14/2022	16:15	71.6	55.5	36.2	16:15	72.8	51.5	44.0	16:15	76.1	53.7	31.0
7/14/2022	16:30	65.8	52.0	36.0	16:30	67.0	49.1	43.9	16:30	73.1	50.9	30.7
7/14/2022	16:45	65.5	50.6	36.2	16:45	68.4	49.5	44.1	16:45	72.3	50.8	29.8
7/14/2022	17:00	70.7	55.6	36.4	17:00	73.2	52.1	44.0	17:00	78.0	55.7	28.7
7/14/2022	17:15	66.2	53.3	35.5	17:15	68.2	51.1	43.9	17:15	74.4	54.2	29.7
7/14/2022	17:30	73.4	57.7	35.7	17:30	74.8	51.4	43.9	17:30	79.1	53.9	29.3
7/14/2022	17:45	70.1	57.2	36.3	17:45	72.8	52.3	44.0	17:45	79.8	56.1	30.8
7/14/2022	18:00	72.5	56.0	35.9	18:00	73.0	52.3	43.9	18:00	75.8	54.7	30.5
7/14/2022	18:15	69.1	57.5	36.3	18:15	69.9	54.5	44.2	18:15	76.0	58.4	30.8
7/14/2022	18:30	66.4	49.6	37.0	18:30	66.9	48.9	44.8	18:30	73.0	50.7	31.7
7/14/2022	18:45	74.6	57.6	37.0	18:45	75.4	52.5	44.7	18:45	78.8	54.4	30.2
7/14/2022	19:00	81.8	58.9	36.3	19:00	84.1	59.3	44.5	19:00	90.2	64.2	30.3
7/14/2022	19:15	70.9	56.2	36.6	19:15	72.5	52.6	44.5	19:15	77.7	53.9	31.4

Camp Hess Kramer
 Ambient Noise, Potential Program and Outside Booked Events Noise Impacts
 Page 14

		SLM A	SLM A	SLM A		SLM B	SLM B	SLM B		SLM C	SLM C	SLM C
7/14/2022	19:30	55.9	51.6	35.7	19:30	58.8	46.6	44.1	19:30	59.8	42.3	31.2
7/14/2022	19:45	71.6	54.8	36.1	19:45	72.3	52.0	43.9	19:45	76.1	53.6	31.0
7/14/2022	20:00	65.8	50.1	36.3	20:00	66.4	47.1	44.0	20:00	72.2	47.5	30.3
7/14/2022	20:15	63.5	54.9	36.1	20:15	64.1	47.3	44.1	20:15	70.3	51.1	30.9
7/14/2022	20:30	67.5	56.1	36.2	20:30	70.0	50.0	44.1	20:30	78.5	54.7	34.3
7/14/2022	20:45				20:45				20:45			
7/14/2022	21:00				21:00				21:00			

		SLM D	SLM D	SLM D		SLM E	SLM E	SLM E		SLM F	SLM F	SLM F
Date	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin	Time	LASmax	LAeq	LASmin
7/14/2022	10:00	69.1	55.9	40.5	10:00	70.6	55.7	54.1	10:00	72.2	56.9	46.9
7/14/2022	10:15	82.3	59.3	32.0	10:15	86.8	62.5	54.0	10:15	83.0	58.4	46.5
7/14/2022	10:30	75.2	53.6	33.3	10:30	77.0	57.3	54.0	10:30	70.2	50.6	46.5
7/14/2022	10:45	82.3	59.3	32.0	10:45	81.3	59.2	54.0	10:45	75.4	53.4	46.5
7/14/2022	11:00	75.2	53.6	33.3	11:00	77.3	57.5	54.0	11:00	73.1	51.3	46.5
7/14/2022	11:15	79.3	56.6	34.2	11:15	80.4	60.7	54.0	11:15	76.4	55.3	46.4
7/14/2022	11:30	76.8	59.1	31.7	11:30	76.9	58.6	54.0	11:30	71.4	52.2	46.5
7/14/2022	11:45	89.0	64.1	32.3	11:45	76.5	57.3	54.0	11:45	71.0	51.2	46.4
7/14/2022	12:00	77.2	57.3	31.2	12:00	80.1	59.3	54.0	12:00	72.3	52.0	46.5
7/14/2022	12:15	76.5	54.9	31.2	12:15	76.2	57.0	54.0	12:15	71.3	50.5	46.5
7/14/2022	12:30	79.1	57.4	29.1	12:30	82.3	59.5	54.0	12:30	81.8	55.8	46.5
7/14/2022	12:45	75.6	53.6	28.8	12:45	78.0	57.4	54.1	12:45	69.0	49.8	46.5
7/14/2022	13:00	84.8	60.1	30.2	13:00	75.6	57.7	54.1	13:00	67.2	50.5	46.5
7/14/2022	13:15	76.6	53.8	30.2	13:15	71.9	55.8	54.0	13:15	63.9	48.6	46.5
7/14/2022	13:30	77.1	56.3	29.8	13:30	77.1	57.3	54.1	13:30	71.8	50.6	46.5
7/14/2022	13:45	71.3	51.4	29.3	13:45	70.2	55.0	54.1	13:45	64.6	48.7	46.5
7/14/2022	14:00	76.8	54.3	30.7	14:00	78.1	56.6	54.1	14:00	71.4	50.3	46.5
7/14/2022	14:15	70.3	48.2	29.1	14:15	74.7	56.5	54.1	14:15	68.4	50.0	46.6
7/14/2022	14:30	76.3	54.1	30.8	14:30	76.7	56.8	54.1	14:30	70.0	50.8	47.2
7/14/2022	14:45	75.2	53.6	29.3	14:45	75.2	57.8	54.1	14:45	68.3	51.2	47.7
7/14/2022	15:00	76.5	54.0	29.4	15:00	76.3	57.0	54.1	15:00	70.3	50.5	47.4
7/14/2022	15:15	78.0	58.3	29.6	15:15	81.8	57.8	54.1	15:15	82.1	55.4	47.2
7/14/2022	15:30	78.9	55.3	29.8	15:30	76.5	57.7	54.1	15:30	73.0	51.9	47.0
7/14/2022	15:45	81.3	55.7	32.6	15:45	75.5	56.9	54.1	15:45	68.8	50.2	46.8
7/14/2022	16:00	76.9	55.3	30.3	16:00	79.9	60.9	54.1	16:00	70.4	53.5	46.8
7/14/2022	16:15	74.7	53.8	30.4	16:15	75.6	56.7	54.1	16:15	71.6	50.7	46.7
7/14/2022	16:30	80.2	59.5	30.7	16:30	72.7	55.8	54.1	16:30	64.5	48.7	46.7
7/14/2022	16:45	74.9	53.3	30.2	16:45	72.3	55.5	54.1	16:45	66.3	48.5	46.7
7/14/2022	17:00	72.7	50.4	30.2	17:00	76.8	57.4	54.1	17:00	69.1	50.3	46.6
7/14/2022	17:15	71.7	51.3	31.0	17:15	73.7	56.9	54.0	17:15	66.7	49.8	46.7

		SLM D	SLM D	SLM D		SLM E	SLM E	SLM E		SLM F	SLM F	SLM F
7/14/2022	17:30	77.4	55.2	28.0	17:30	78.6	56.8	54.0	17:30	71.7	49.9	46.7
7/14/2022	17:45	73.0	53.7	29.1	17:45	76.8	57.4	54.0	17:45	73.7	52.4	46.8
7/14/2022	18:00	79.0	53.9	28.7	18:00	74.8	57.1	54.0	18:00	74.7	52.2	46.8
7/14/2022	18:15	77.7	54.8	30.1	18:15	74.8	59.0	54.0	18:15	68.8	52.5	46.8
7/14/2022	18:30	74.5	53.6	29.0	18:30	72.1	55.4	54.0	18:30	64.0	48.6	46.6
7/14/2022	18:45	74.1	57.4	29.6	18:45	76.3	56.4	54.0	18:45	71.1	50.0	46.6
7/14/2022	19:00	70.1	50.1	29.9	19:00	89.3	63.7	54.0	19:00	82.7	57.6	46.6
7/14/2022	19:15	77.6	53.4	28.8	19:15	76.4	56.6	54.0	19:15	70.4	50.7	46.7
7/14/2022	19:30	89.0	63.0	28.6	19:30	56.2	54.1	54.0	19:30	62.7	47.5	46.6
7/14/2022	19:45	76.7	53.3	29.8	19:45	74.8	56.5	54.0	19:45	71.3	50.8	47.1
7/14/2022	20:00	61.4	39.7	30.2	20:00	71.7	54.8	54.0	20:00	66.1	47.9	46.7
7/14/2022	20:15	74.8	52.7	29.6	20:15	68.1	54.8	54.0	20:15	61.2	47.7	46.5
7/14/2022	20:30	69.5	45.4	28.6	20:30	79.1	57.2	54.0	20:30			
7/14/2022	20:45	68.3	48.8	29.2	20:45	78.5	56.8	54.3	20:45			
7/14/2022	21:00	76.9	53.5	32.5	21:00	67.6	58.0	54.3	21:00			

APPENDIX C

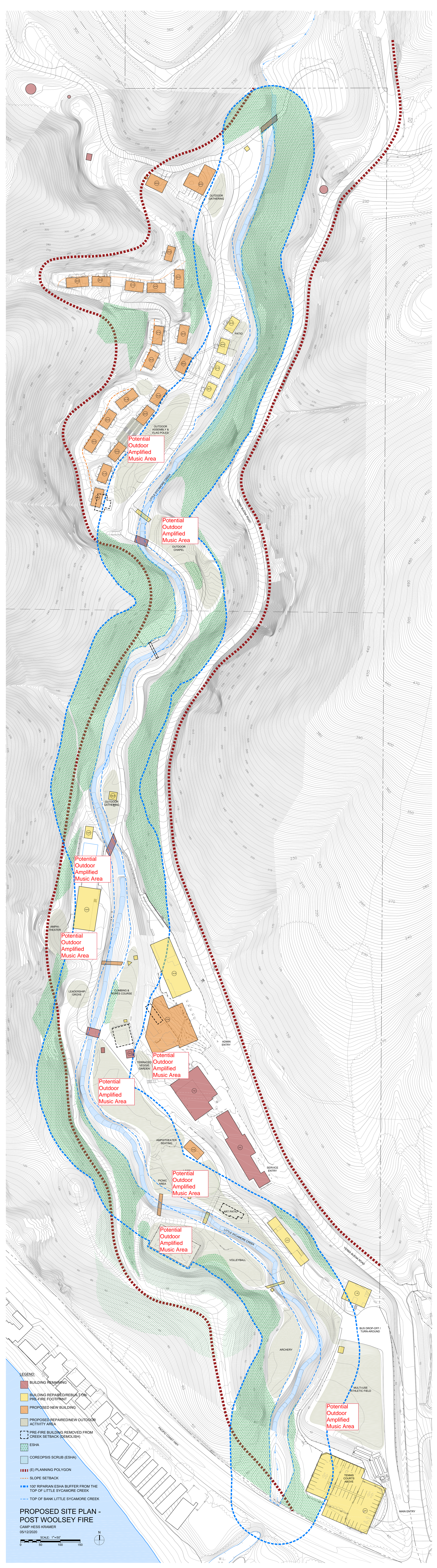
Recommended Vendors - Sound monitoring systems:

NOTE: A-wtd. decibel (dBA) code compliance is in terms of hourly average sound levels not instantaneous sound levels. This typically requires an expensive integrating sound level meter. AEA has found not exceeding a “Slow” response daytime level of 85 dBA or 80 dBA evening level 10 feet from a DJ speaker should comply with the County hourly daytime or evening noise limits, respectively, for the nearest residence (200 feet away) and any future residences adjacent to the Camp.

Extech SL130 with an additional 15-foot microphone cable and remote microphone with an additional external relay module (requires a third party “normally closed” relay switch, such as CRYDOM D2402, which controls the DJ’s AC power supply strip). This relay opens at a pre-set instantaneous loudness level (set on the Extech SL130) corresponding to the hourly average noise level determined to result in excessive noise at the nearest or most sensitive receptor location).

Manufactured by Extech Instruments
 Local Distributor: Pulse Instruments, Van Nuys, CA, 818-909-0800
www.extech.com

Radio Shack Realistic Digital Display Sound Level Meter
 Model: RS Pro RS-95
www.radioshack.com

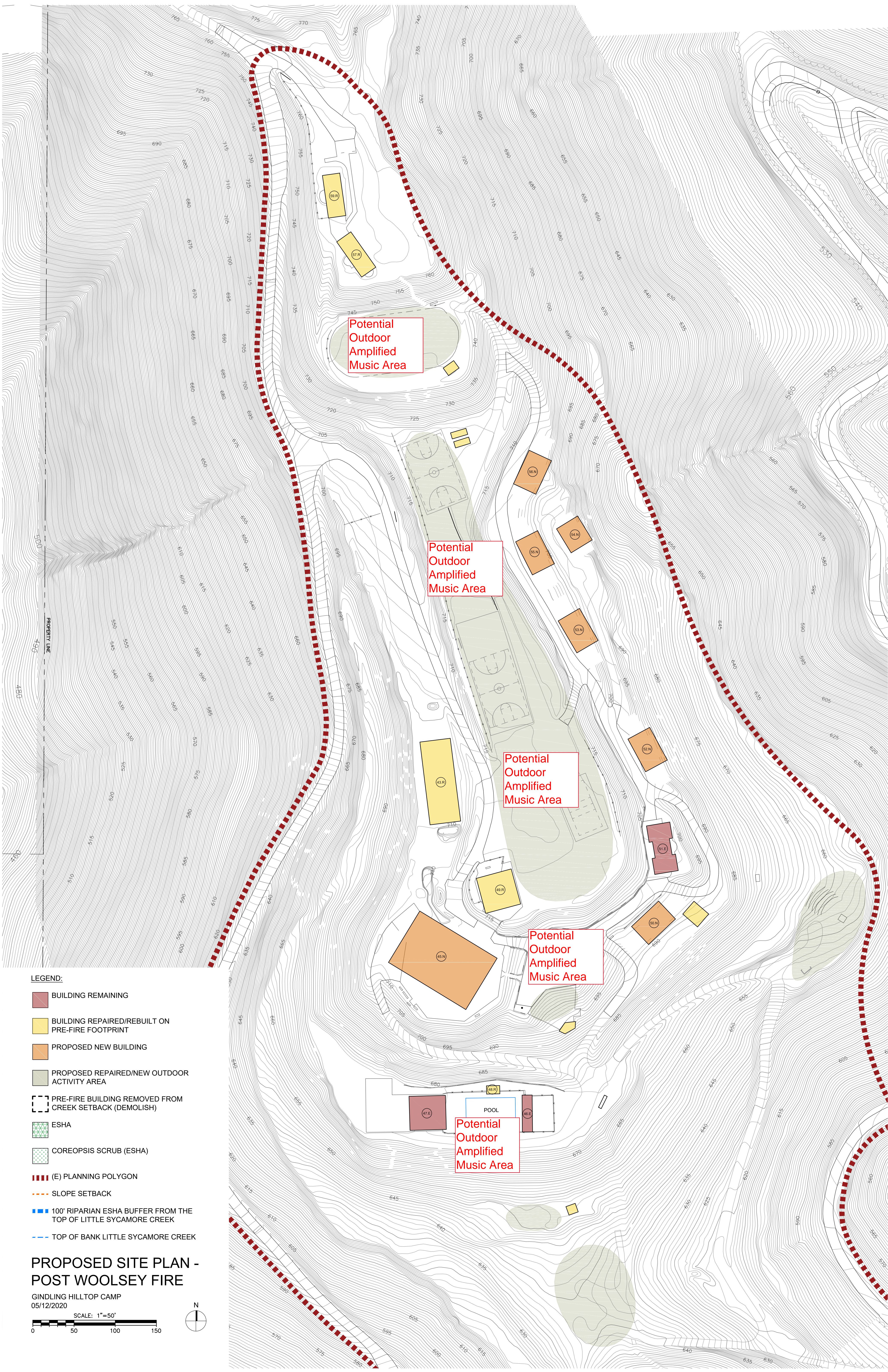


- LEGEND:**
- BUILDING REMAINING
 - BUILDING REPAIRED/REBUILT ON PRE-FIRE FOOTPRINT
 - PROPOSED NEW BUILDING
 - PROPOSED REPAIRED/NEW OUTDOOR ACTIVITY AREA
 - PRE-FIRE BUILDING REMOVED FROM CREEK SETBACK (DEMOLISH)
 - ESHA
 - COREOPSIS SCRUB (ESHA)
 - (E) PLANNING POLYGON
 - SLOPE SETBACK
 - 100' RIPARIAN ESHA BUFFER FROM THE TOP OF LITTLE SYCAMORE CREEK
 - TOP OF BANK LITTLE SYCAMORE CREEK

PROPOSED SITE PLAN - POST WOOLSEY FIRE
CAMP HESS KRAMEL
 05/12/2020

SCALE: 1"=50'
 0 50 100 150

N



LEGEND:

- BUILDING REMAINING
- BUILDING REPAIRED/REBUILT ON PRE-FIRE FOOTPRINT
- PROPOSED NEW BUILDING
- PROPOSED REPAIRED/NEW OUTDOOR ACTIVITY AREA
- PRE-FIRE BUILDING REMOVED FROM CREEK SETBACK (DEMOLISH)
- ESHA
- COREOPSIS SCRUB (ESHA)
- (E) PLANNING POLYGON
- SLOPE SETBACK
- 100' RIPARIAN ESHA BUFFER FROM THE TOP OF LITTLE SYCAMORE CREEK
- TOP OF BANK LITTLE SYCAMORE CREEK

PROPOSED SITE PLAN - POST WOOLSEY FIRE

GINDLING HILLTOP CAMP
05/12/2020

SCALE: 1"=50'

