

Architectural Character



Historical Architectural Character

The Landing on Frederica

ST. SIMONS, GA



Aerial Corner View

The Landing on Frederica

ST. SIMONS, GA

• CONCEPT PACKAGE

• 11 September 2026



View from Frederica

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View from Frederica Nighttime

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View of Plaza

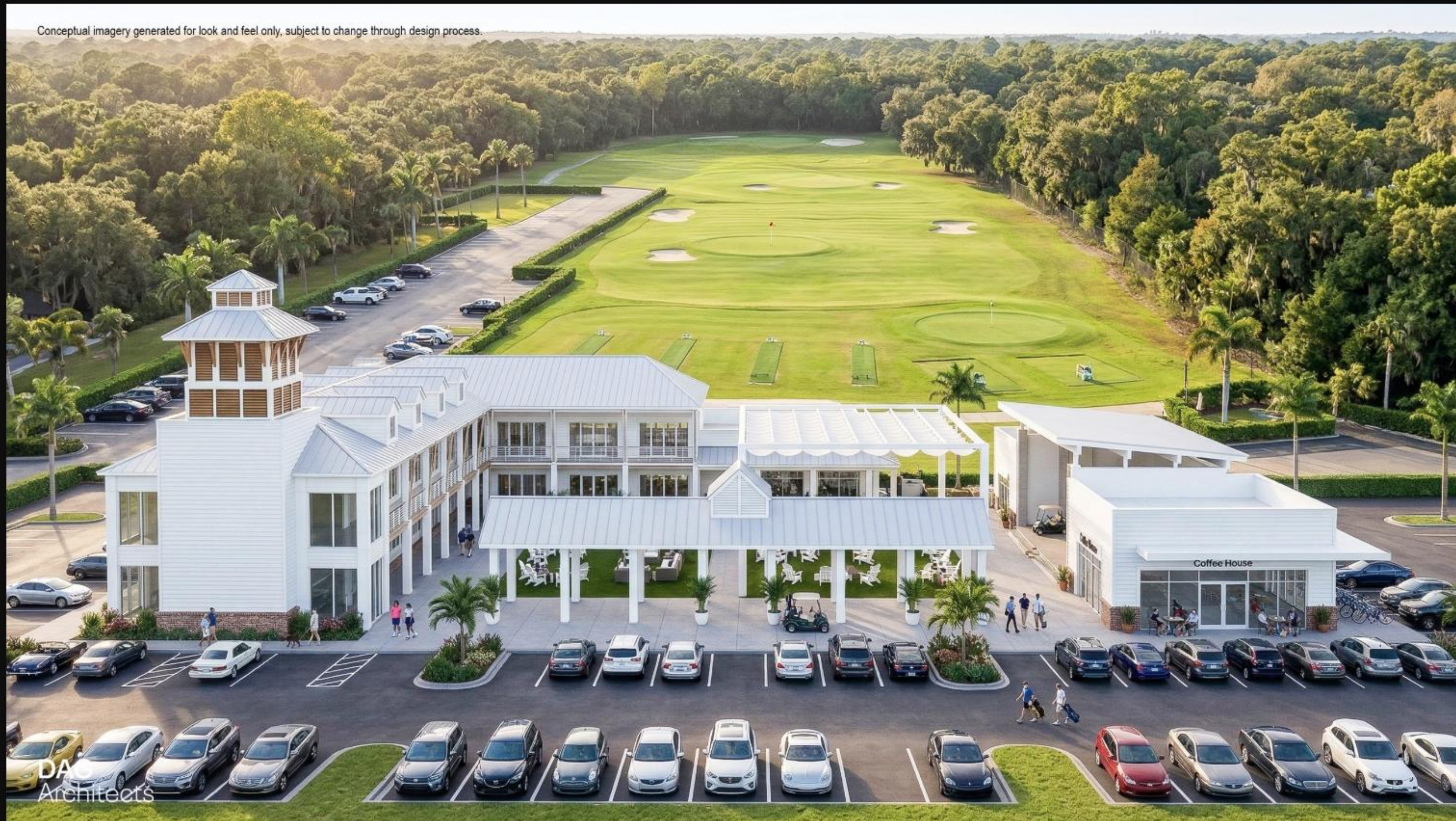
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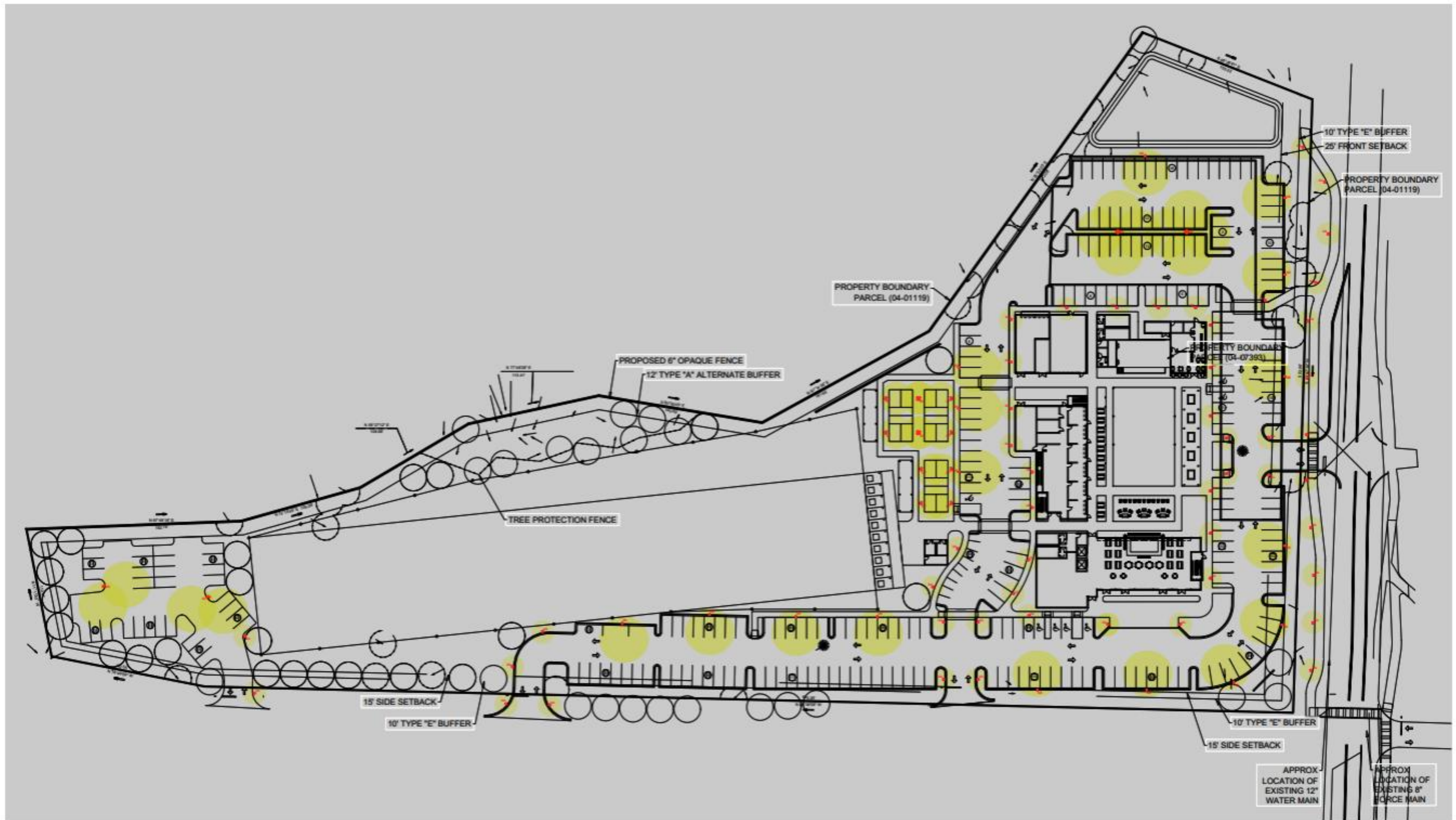
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Conceptual imagery generated for look and feel only, subject to change through design process.



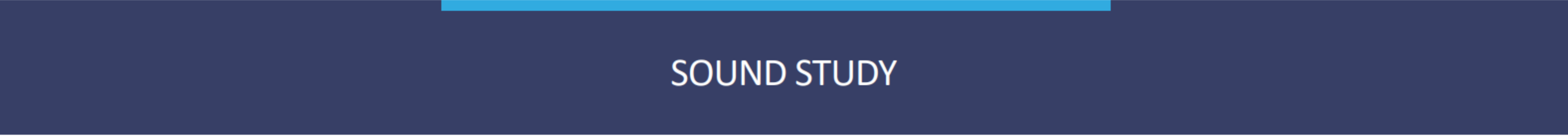
DA
Architects



Site Lighting Layout Shaded

The Landing on Frederica

Georgia

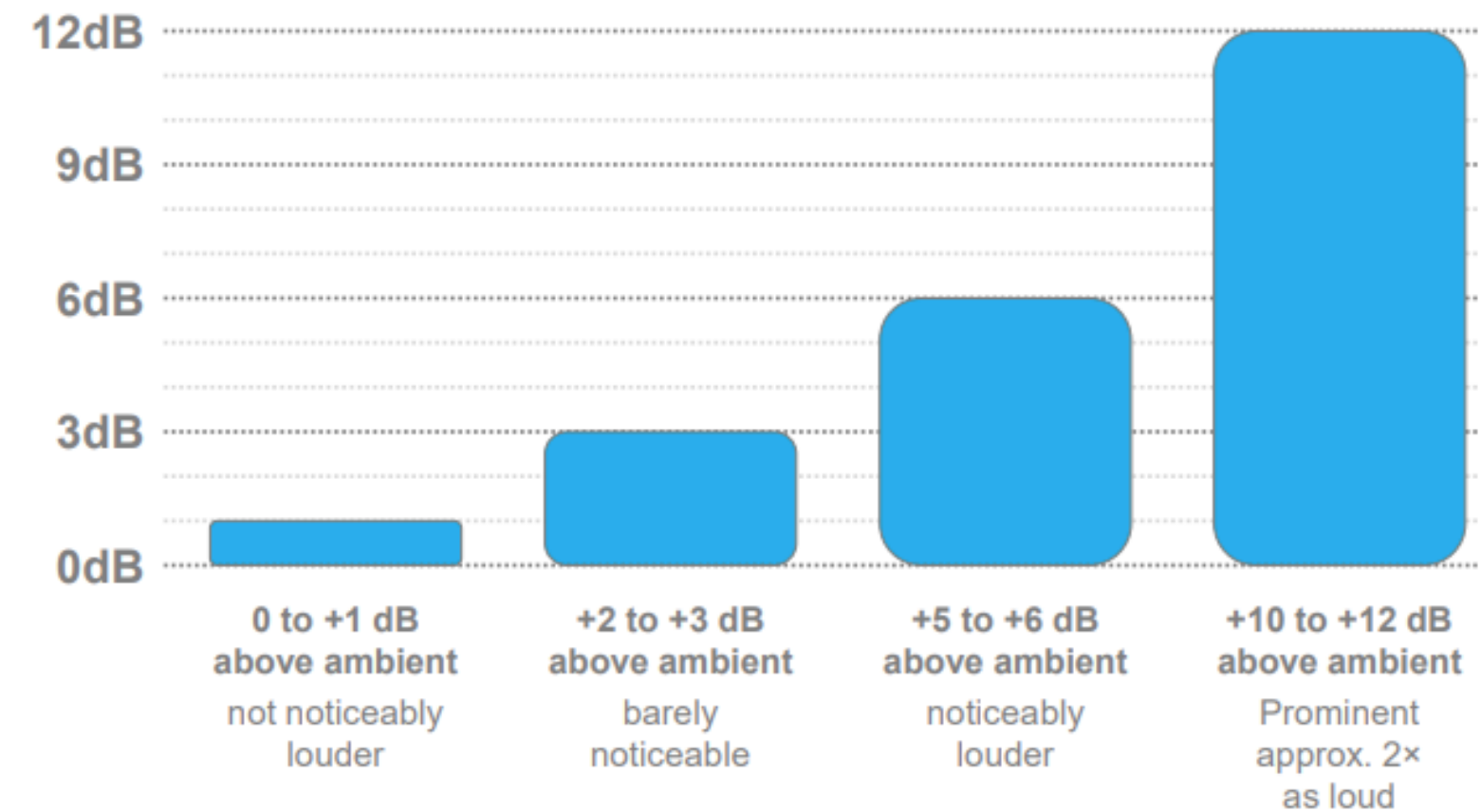


SOUND STUDY

Acoustical Criteria

GLYNN COUNTY | Article II. Noise

- The ordinance limits noise to protect nearby residential and other noise-sensitive areas.
- 7:00 a.m. – 11:00 p.m.: Amplified sound may not be plainly audible beyond 300 ft or within an adjoining residence.
- 11:00 p.m. – 7:00 a.m.: The limit is reduced to 100 ft.
- Compliance is based on a "plainly audible" standard rather than specific dBA limits.
- Permitted outdoor concerts and performances may be authorized to be plainly audible up to 1,000 ft with approval from the Chief of Police.

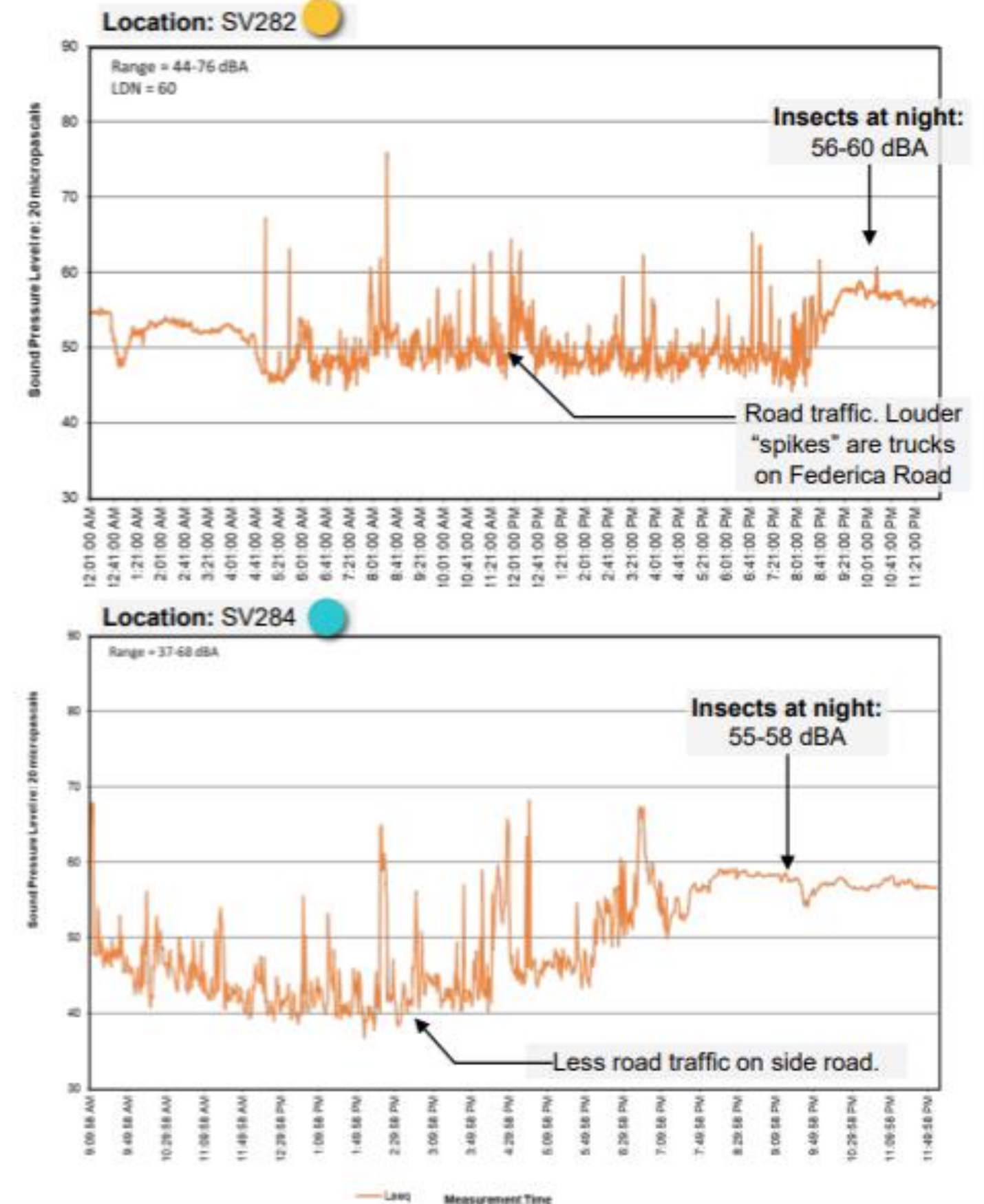
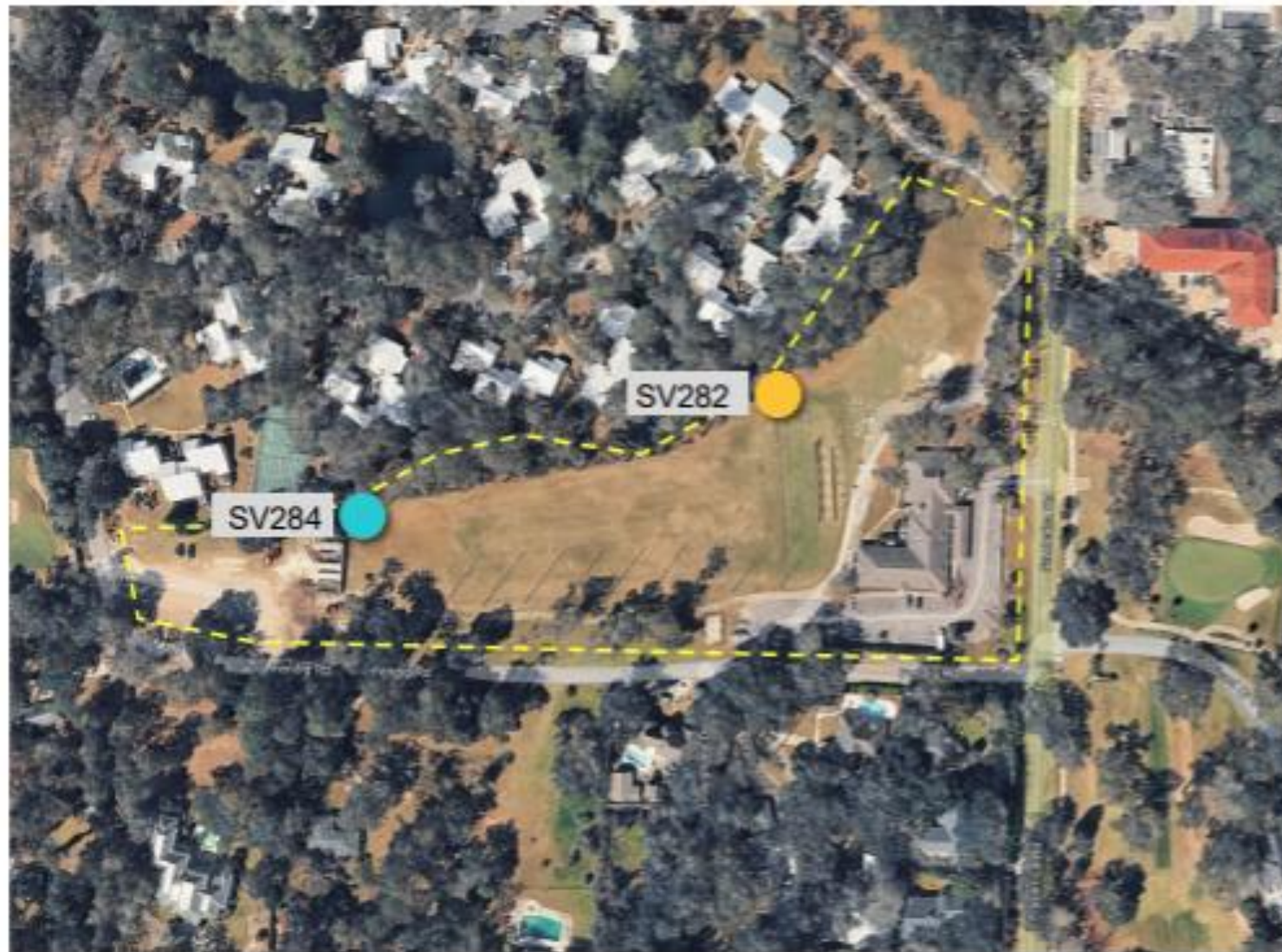


SITE NOISE MEASUREMENTS

Longterm Sound Level Measurements

Average Range of Measured Ambient Sound Levels:

- Daytime 45-50 dBA (with multiple vehicle pass bys 60-65 dBA)
- Nighttime 50-55 dBA (with active insects up to 60 dBA)





Computer Model Inputs

OPERATING CONDITIONS EVALUATED

- **Model 1: Special Live Music Events**
Loudspeakers playing sounds at 85 dBA at approx. 60 ft. (approx. 105 dBA at 6 ft. from loudspeakers)
Operating conditions and sound system design based on a similar facility in Watersound, FL
- **Model 2: Typical Everyday Use - Background Music**
Small loudspeakers around Lawn area playing background music 65 dBA
- **Model 3: Pickleball Activities**
65 dBA at 45 ft. paddle strike
73 dBA at 45 ft. loud voices while playing

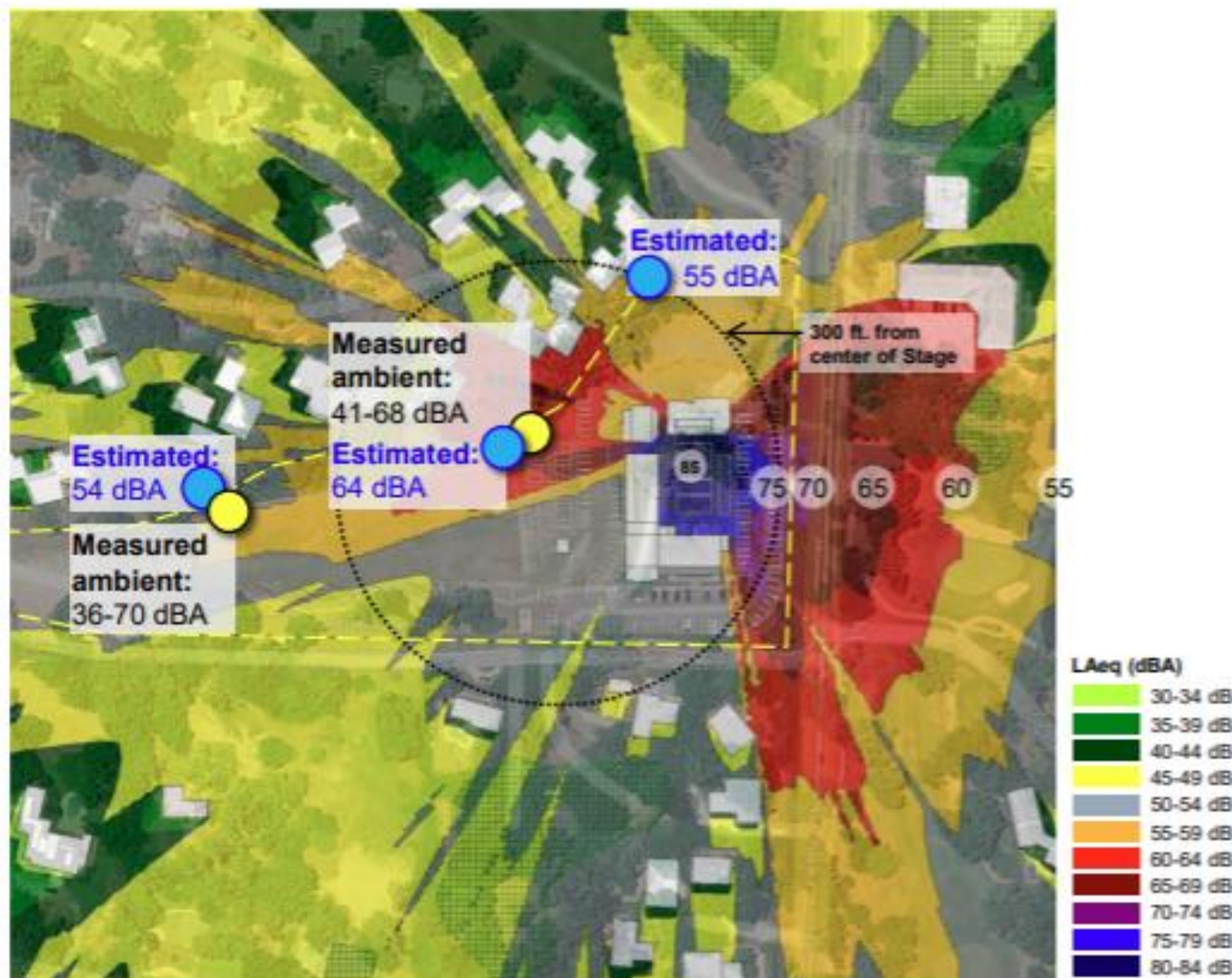
WEATHER CONDITIONS USED

- **Annual Average:**
 - Temperature: 69°F
 - Relative Humidity: 77%
 - Wind Speed: 8 mph
 - Wind Direction: ESE

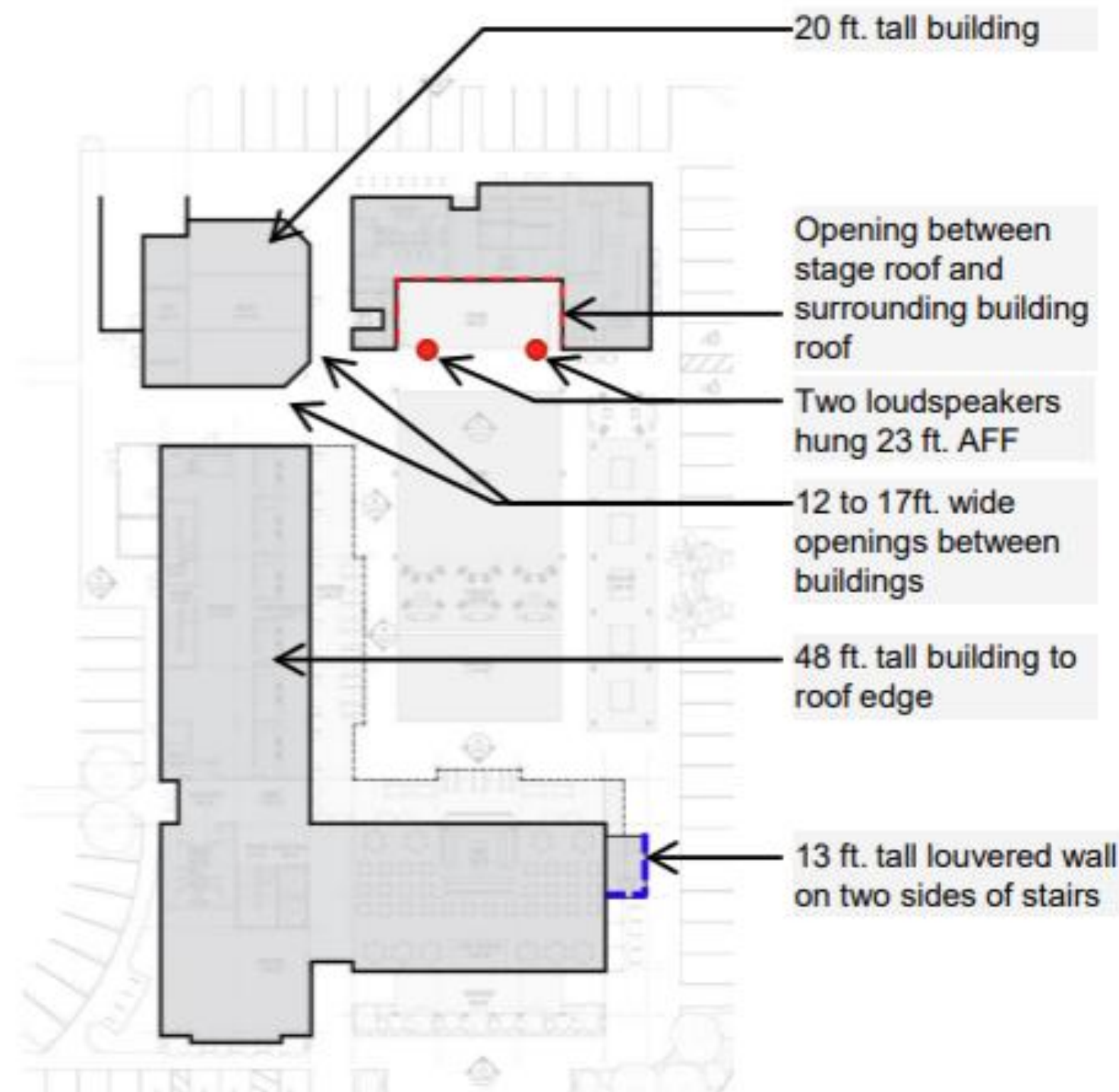
LIVE MUSIC EVENTS | Assuming amplified music playing at 85 dBA throughout the lawn seating area (approx. 100 dBA at 6ft.)

Original site plan:

Estimated sound levels NW direction: <55 to 65 dBA



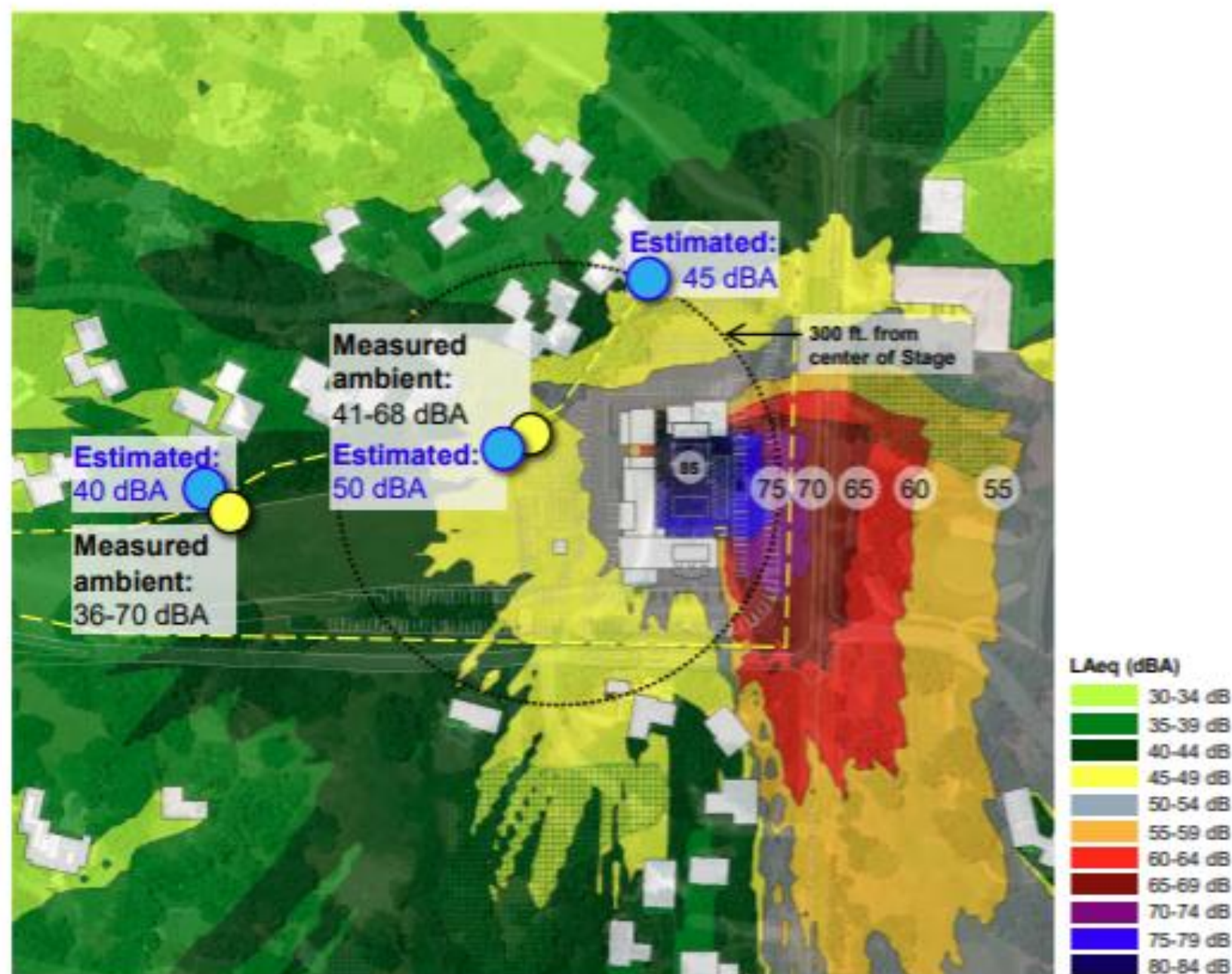
Estimated sound levels SW direction: <50 to 60 dBA



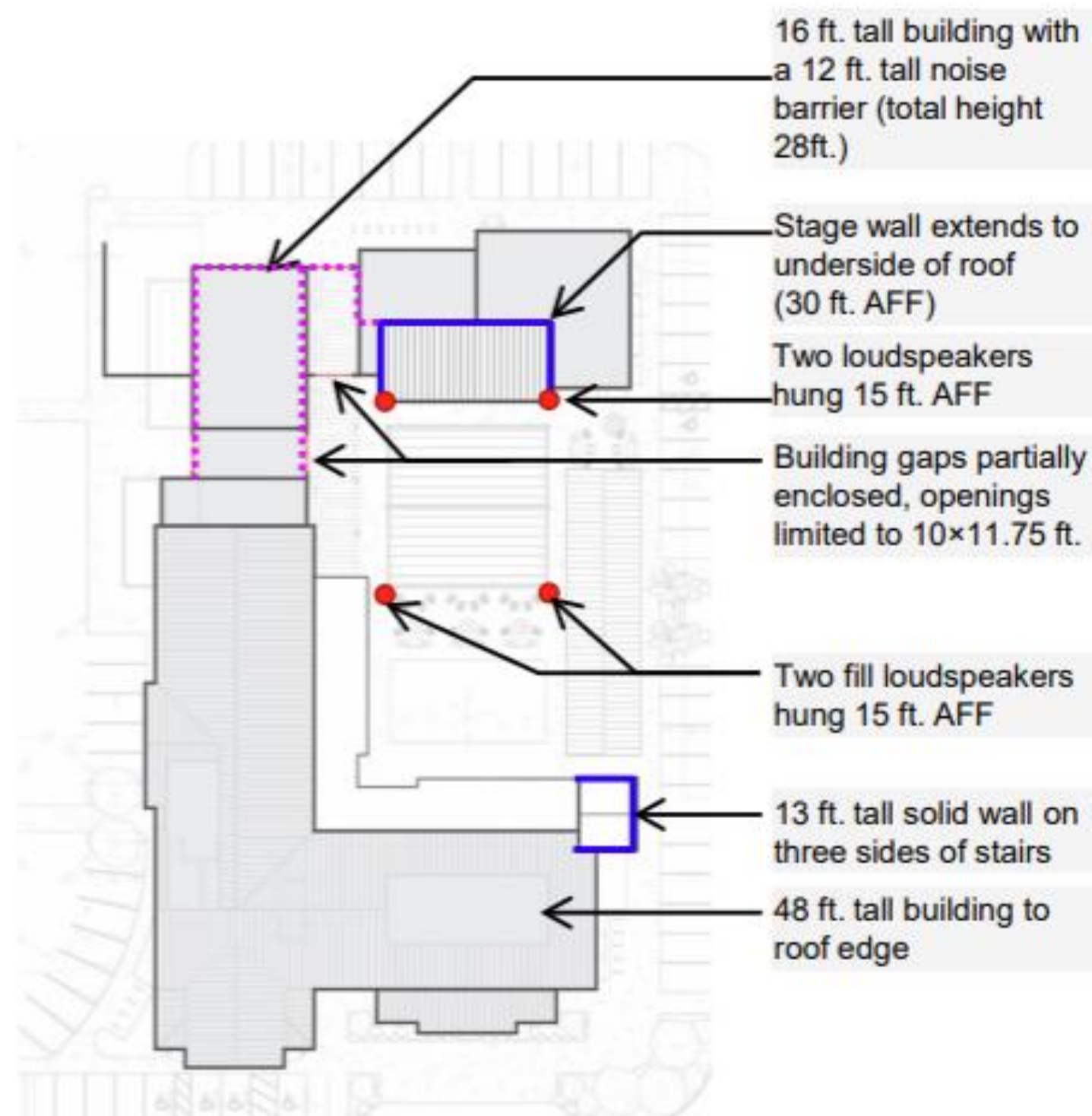
LIVE MUSIC EVENTS | Assuming amplified music playing at 85 dBA throughout the lawn seating area (approx. 100 dBA at 6ft.)

Updated site plan:

Estimated sound levels NW direction: <40 to 50 dBA



Estimated sound levels SW direction: <40 to 60 dBA

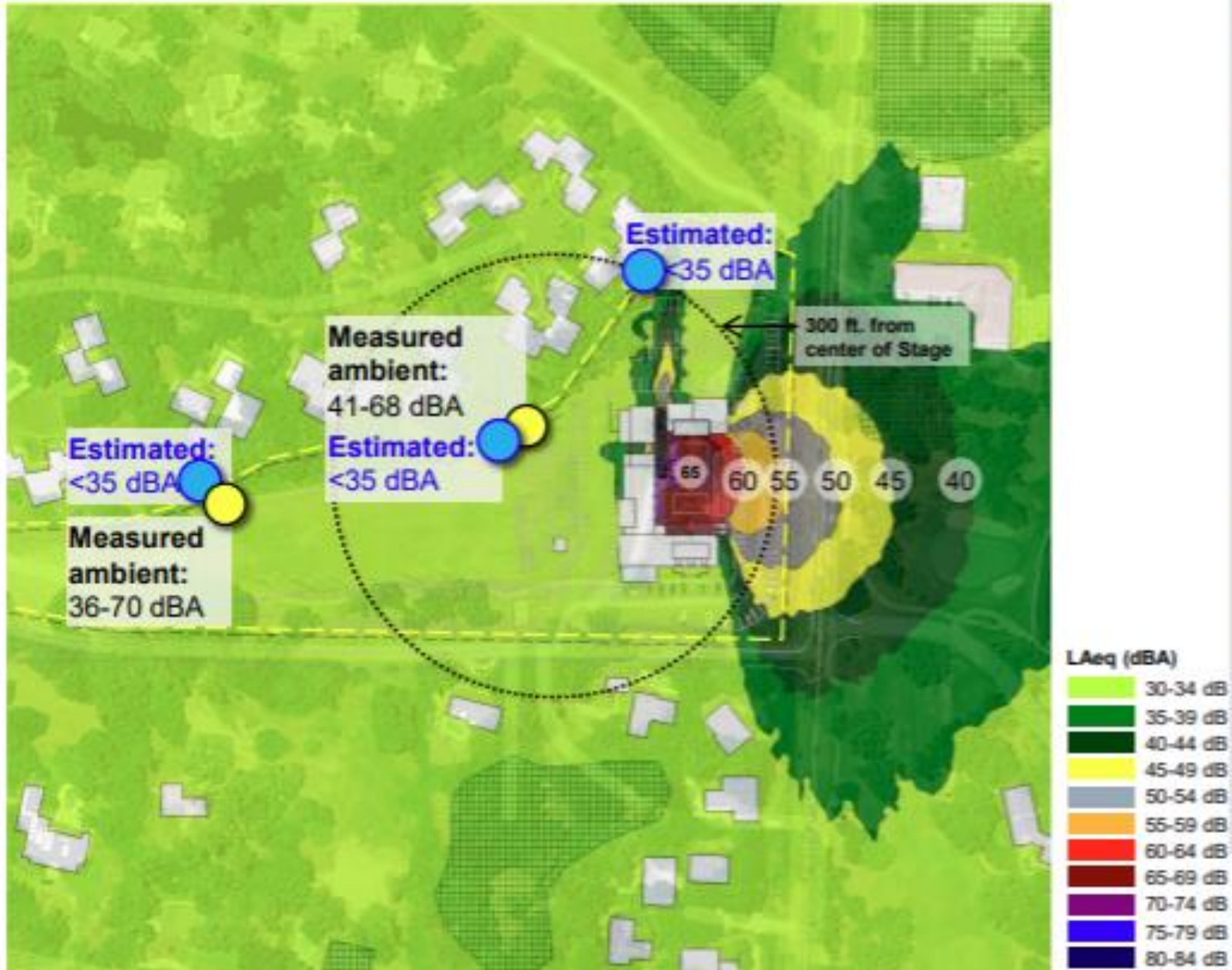


NOISE CONTOURS RESULTS

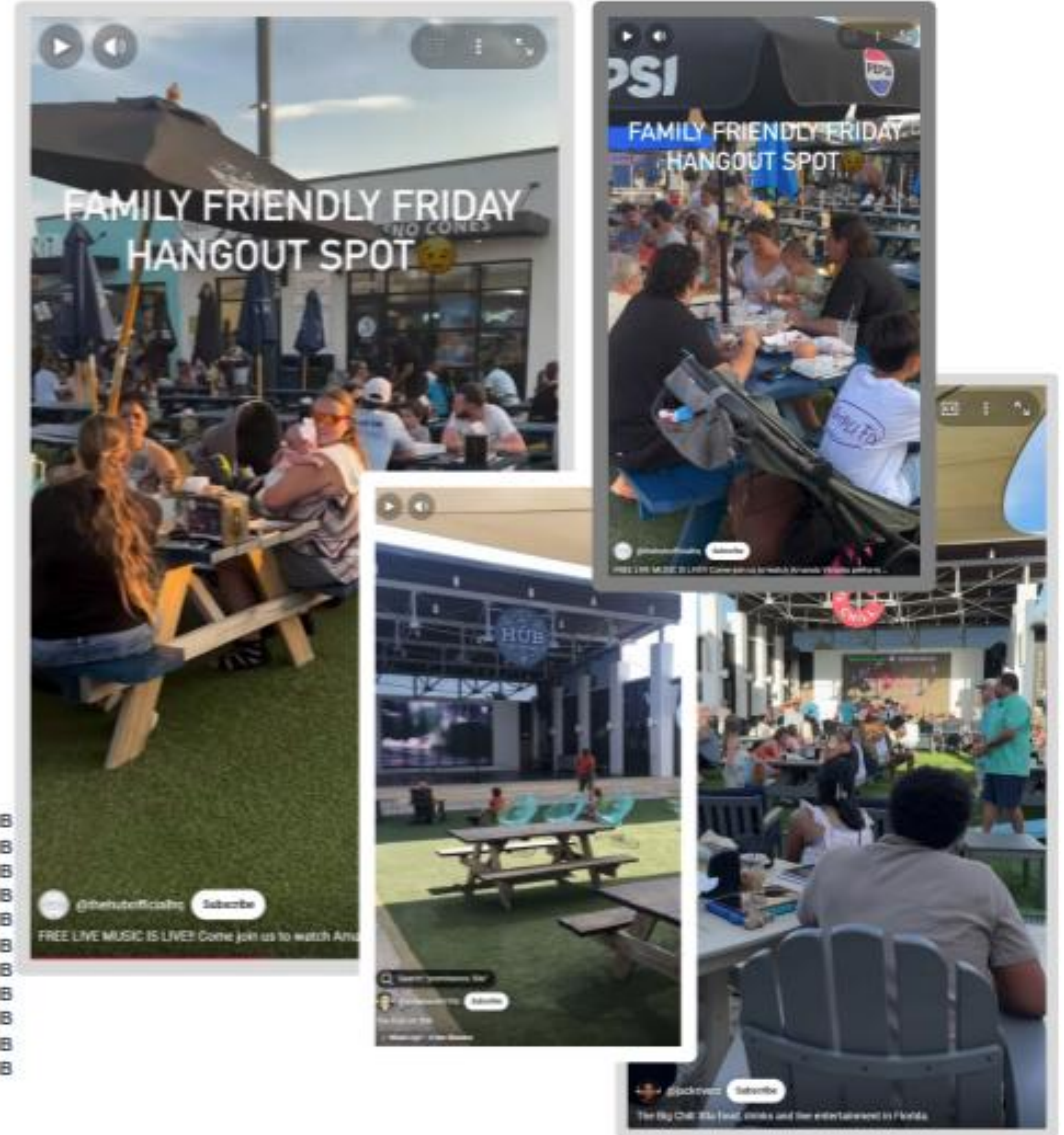
TYPICAL DAY-TO-DAY USE | Assuming background music playing at 65 dBA throughout the lawn.

Updated site plan:

Estimated sound levels NW direction: <35dBA



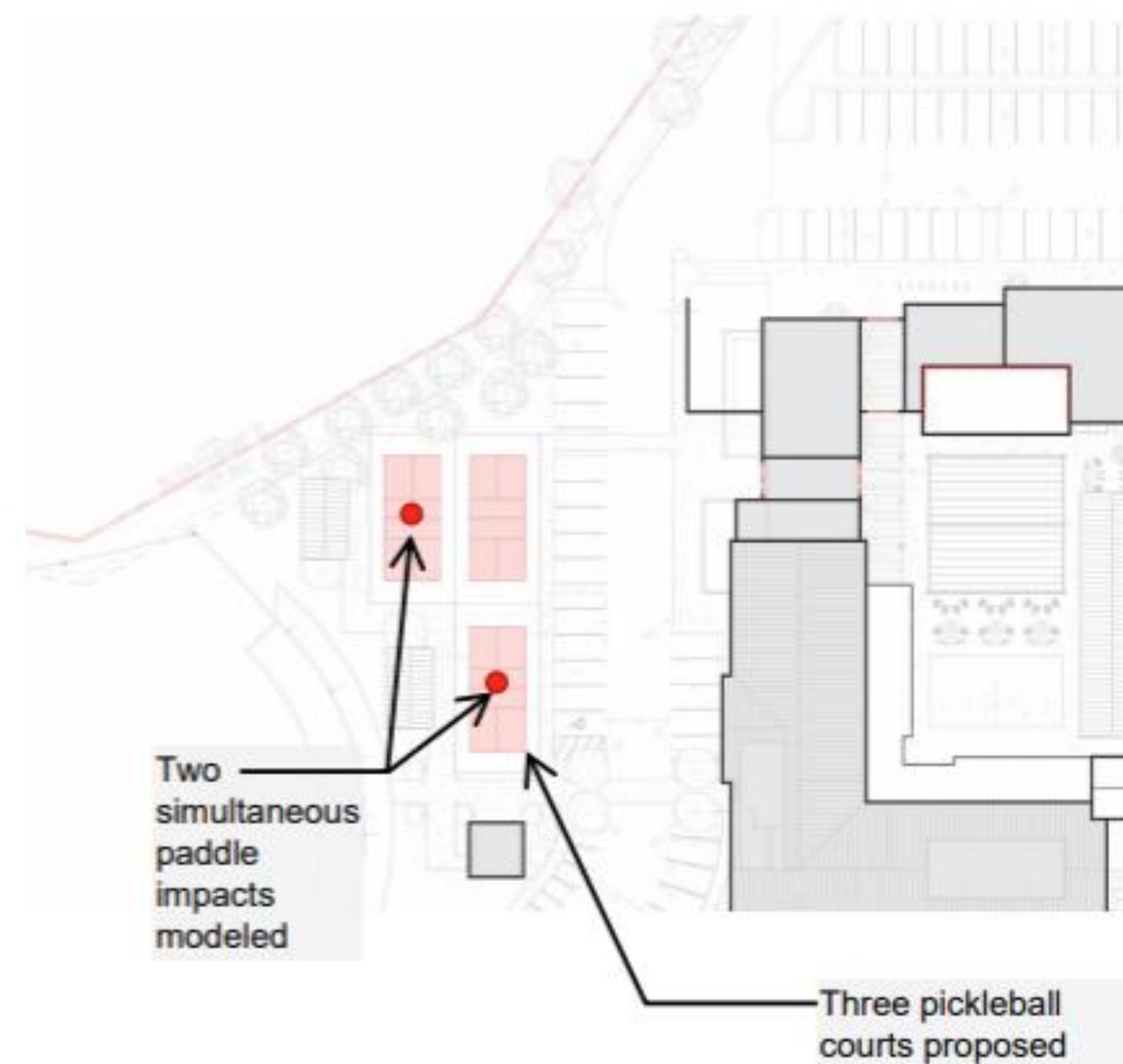
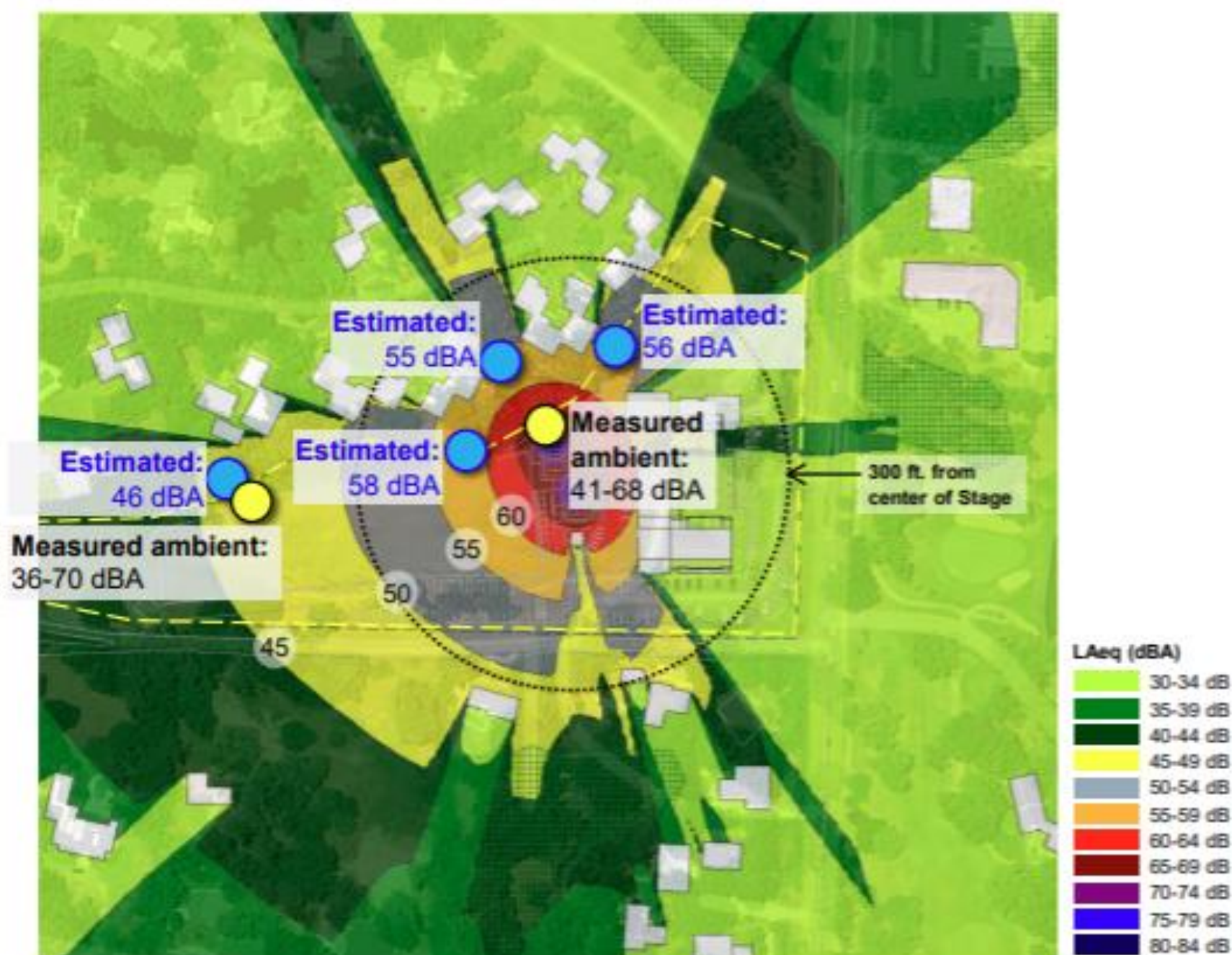
Estimated sound levels SW direction: <35 to 40 dBA



PICKLEBALL ACTIVITIES | Assuming two occupied courts, two paddle impact sources (65 dBA at 45 ft. paddle strike)

Original site plan:

Estimated sound levels NW direction: <40 to 65 dBA



NOISE CONTOURS RESULTS

PICKLEBALL ACTIVITIES | Assuming two occupied courts, two paddle impact sources (65 dBA at 45 ft. paddle strike)

Updated site plan: 11ft. tall noise barrier wall 295 LF

Estimated sound levels NW direction: <40 to <50 dBA

