

Table 2. Comparison of Noise Mitigation Measures for the 200–228 Broadway Project (ER01-0008) and Allegro Project (ER98-16)

Mitigation Measure	200–228 Broadway Project	Allegro Project
Hours of Construction	<ul style="list-style-type: none"> • 7am–7pm Monday-Friday; • 7am–7pm on Saturday with City approval based on neighborhood and business input; • After fully enclosed, allowed on Saturday and Sunday, 7am–7pm 	<ul style="list-style-type: none"> • Mitigation measure with the same intent included in the Allegro project (or as subsequently modified)
Noise Reduction Requirements during Construction	<ul style="list-style-type: none"> • The following measures shall be implemented throughout construction as feasible: <ul style="list-style-type: none"> • Utilize the best available noise control techniques, i.e. improved mufflers, equipment redesign, intake silencers, ducts, engine enclosures and noise attenuating shields or shrouds on all equipment and trucks. • Impact tools shall be hydraulically or electrically powered. Use exhaust mufflers on compressed air exhaust. Use external jackets on tools. Use drills instead of impact equipment and other quieter procedures. • Place stationary construction equipment as far from sensitive receptors as possible. • Use acoustical shielding on stationary equipment when feasible. <p>(See mitigation for pile-driving and noise over 90dBA below)</p>	<ul style="list-style-type: none"> • Mitigation measure with the same intent included in the Allegro project. <p>Same</p> <p>Same</p> <p>Same</p> <p>Same</p> <ul style="list-style-type: none"> • Use noise barriers around the entire construction site, such as plywood barriers. • Use noise control blankets on the proposed building itself to reduce noise emissions from site. • Evaluate installing noise control at the receiver’s site to improve noise reduction at adjacent buildings.

Mitigation Measure	200–228 Broadway Project	Allegro Project
Noise Reduction Requirements if pile-driving is used or noise over 90 dBA occurs	<ul style="list-style-type: none"> • The applicant shall submit and implement a noise reduction plan containing site-specific noise attenuation measures to ensure maximum feasible noise attenuation (feasible shall be as defined by CEQA). Noise reduction plan shall be approved by City. Applicant shall fund a third-party peer review of said plan and place a special inspection deposit with the City to ensure compliance. Noise reduction plan may include, but not be limited to, the following: <ul style="list-style-type: none"> • Use noise barriers around the entire construction site, such as plywood barriers. • Use “quiet” pile-driving technology based on soils and structural requirements, as feasible. • Use noise-control blankets on proposed building to reduce noise emissions from site. • Evaluate installing noise control at the receiver’s site to improve noise reduction at adjacent and nearby buildings. • Limit hours to 8am-4pm. Exclude 12:30pm-1:30 pm or other mid-day hour as established and posted. Saturday only with City approval based on neighbor and business input, prohibited on Sundays and holidays. • Implement noise reduction measures under the supervision of an acoustical consultant. • Evaluate effectiveness of noise attenuation by taking noise measurements during construction. <p>Provide surrounding residents and businesses (min. 300’ radius) at least 30 days written notice of start date and duration of pile driving and noise over 90dBA.</p>	Not required for the Allegro project

Mitigation Measure	200–228 Broadway Project	Allegro Project
Noise Complaints	<ul style="list-style-type: none"> • Designate City contract to respond to noise complaints and ensure implementation of noise reduction measures. • Post signs at construction site with allowed hours of construction and phone number of complaint contact person. • City to have inspector available to respond to complaints on off-hours and weekends. • On-site complaint and enforcement manager shall respond to and track noise complaints. 	<ul style="list-style-type: none"> • Mitigation measure with the same intent included in the Allegro project. <p>Not required with Allegro project</p> <ul style="list-style-type: none"> • Mitigation measure with the same intent included in the Allegro project. <p>Not required with Allegro project</p>
Pre-Construction Requirements	<ul style="list-style-type: none"> • Hold pre-construction meeting with general contractor, city inspectors and on-site construction manager to confirm that noise mitigation measures and practices are completed prior to issuance of building permit and adhered to throughout construction. 	Not required with Allegro project
Noise levels inside residential units of the proposed building	<ul style="list-style-type: none"> • Comply with requirements of California Building Code. 	<ul style="list-style-type: none"> • Mitigation measure with same intent included in the Allegro project.